



DATE 07/13/2010

## Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000028719

APPLICANT THOMAS J. GLENN, JR. PHONE 386.497.3795  
ADDRESS 608 SW BEAR LANE FT. WHITE FL 32038  
OWNER THOMAS J. GLENN, JR. PHONE 386.497.3795  
ADDRESS 654 SW TIMUQUA TERRACE FT. WHITE FL 32038  
CONTRACTOR THOMAS J. GLENN, JR. PHONE 386.497.3795  
LOCATION OF PROPERTY 47-S TO US 27, TL TO TIMUQUA TERRACE, TL PAST BEAR LN &  
PROPERTY IS ON THE L @ MAILBOX MARKED #607  
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 281500.00  
HEATED FLOOR AREA 4430.00 TOTAL AREA 5630.00 HEIGHT 25.70 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 10'12 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 12-7S-16-04184-103 SUBDIVISION TIMUQUA  
LOT 3 BLOCK A PHASE UNIT TOTAL ACRES 5.01

000001836 OWNER  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
18"X32"MITERED 10-0065 BLK HD N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 2587

## FOR BUILDING &amp; 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 Insulation 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 Pool date/app. by  
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by  
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by  
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 1410.00 CERTIFICATION FEE \$ 28.15 SURCHARGE FEE \$ 28.15  
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 \$ 25.00 TOTAL FEE 1566.30  
INSPECTORS OFFICE CLERKS OFFICE

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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



**COLUMBIA COUNTY**  
**OFF**

# 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 12-7S-16-04184-103

Building permit No. 000028719

Use Classification SFD/UTILITY

Fire: 57.78

Permit Holder THOMAS J. GLENN, JR.

Waste: 150.75

Owner of Building THOMAS J. GLENN, JR.

Total: 208.53

Location: 654 SW TIMUQUA TERR, FORT WHITE, FL 32038

Date: 01/10/2012

*Joy Ann*

Building Inspector

**POST IN A CONSPICUOUS PLACE**  
*(Business Places Only)*



District No. 1 - Ronald Williams  
District No. 2 - Rusty DePratter  
District No. 3 - Jody Dupree  
District No. 4 - Stephen E. Bailey  
District No. 5 - Scarlet P. Frisina

**BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY**



1-10-12

To: Whom it may concern

From: Troy Crews, Building Official 2

Re: Final C.O. Inspection 654 S.W. Timuqua Terrace Fort White, FL

Please be advised that a final inspection for occupancy for above location was performed and approved on December 30 2011. The actual C.O. bears a later date due to final paperwork in the office however the structure was able to be used for occupancy on December 30 2011. If you have any questions feel free to call me.

Troy Crews  
Building Official 2

BOARD MEETS FIRST THURSDAY AT 7:00 P.M.  
AND THIRD THURSDAY AT 7:00 P.M.

P. O. BOX 1529      ▲      LAKE CITY, FLORIDA 32056-1529      ▲      PHONE (386) 755-4100



**SOUTHERN DRAFTING AND DESIGN, LLC**

21417 N.E. 51st AVE EARLETON, FL 32631  
TELEPHONE: (352)-475-3513 CELL: (352)-478-1477  
WWW.SOUTHERNDRAFTINGANDDESIGN.COM AARONDBR@AOL.COM



July 2, 2010

Attn: Mr. Harry Dicks  
Columbia County Building Department  
135 NE Hernando Ave.  
Lake City, FL 32056

Ref: Electrical Service Revision  
Thomas and Stephanie Glenn Residence  
654 SW Timuqua Terr  
Fort White, FL 32038

Dear Mr. Dicks,

This letter is in reference to our conversation the morning of June 24, 2010 at approximately 8:30 a.m., concerning the aforementioned project and the issue concern the electrical service that were derived upon plan review. This letter shall be inserted to the plan set and made a part of the construction documents, for revision and correction.

At this time it is still uncertain if the home owner will use a single 400 amp main distribution panel or two separate 200 amp distribution panels. Regardless, if a single 400 amp, interior, main lug panel is used a 400 amp fused disconnect will be installed on the exterior of the house and dual parallel runs of a, 4/0 - 4 conductor SER cable will feed the 400 amp main lug distribution panel. If two separate 200 amp panels will be utilized, two 200 amp main breaker disconnects will be installed on the exterior of the building, and feed power to each individual 200 amp main lug distribution panel with a 4/0 - 4 conductor SER cable. Both configurations will be protected with over current protection of some sort.

Please feel free to give me a call with any comments, questions, or concerns.

Sincerely,

  
Aaron Broome

## SOUTHERN DRAFTING AND DESIGN, LLC

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TELEPHONE: (352)-475-3513 CELL: (352)-478-1477  
WWW.SOUTHERNDRAFTINGANDDESIGN.COM AARONDBR@AOL.COM



July 6, 2010

Attn: Mr. Harry Dicks  
Columbia County Building Department  
135 NE Hernando Ave.  
Lake City, FL 32056

Ref: Electrical Service Revision  
Thomas and Stephanie Glenn Residence  
654 SW Timuqua Terr  
Fort White, FL 32038

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All electrical systems must meet the applicable National Electrical Code 2008 edition. All circuits must be protected by AFCI and all electrical receptacles must be tamper proof. A "Ufer Ground" system must be installed at the time of the foundation installation (see foundation plan and riser diagram sheet 6).

Please feel free to give me a call with any comments, questions, or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Aaron Broome', with a stylized flourish at the end.

Aaron Broome



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Performance Method A

|                                                                                                                                                                      |                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Name:</b> Glenn Residence<br><b>Street:</b><br><b>City, State, Zip:</b> Fort White, FL,<br><b>Owner:</b> Same<br><b>Design Location:</b> FL, Jacksonville | <b>Builder Name:</b> Triest Const.<br><b>Permit Office:</b> Columbia<br><b>Permit Number:</b> 28719<br><b>Jurisdiction:</b> 221200<br>221000 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|

| <table style="width: 100%;"> <tr> <td style="width: 30%;">1. New construction or existing</td> <td style="width: 70%;">New (From Plans)</td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>4</td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> </tr> <tr> <td>6. Conditioned floor area (ft<sup>2</sup>)</td> <td>4131</td> </tr> <tr> <td>7. Windows</td> <td> <table style="width: 100%;"> <tr> <th style="width: 30%;">Description</th> <th style="width: 70%;">Area</th> </tr> <tr> <td>a. U-Factor: Dbl, U=0.25<br/>SHGC: SHGC=0.33</td> <td>336.00 ft<sup>2</sup></td> </tr> <tr> <td>b. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>c. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>d. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>e. 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| 1. New construction or existing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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Number of units, if multiple family                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 4. Number of Bedrooms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 5. Is this a worst case?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| 6. Conditioned floor area (ft <sup>2</sup> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 7. Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <table style="width: 100%;"> <tr> <th style="width: 30%;">Description</th> <th style="width: 70%;">Area</th> </tr> <tr> <td>a. U-Factor: Dbl, U=0.25<br/>SHGC: SHGC=0.33</td> <td>336.00 ft<sup>2</sup></td> </tr> <tr> <td>b. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>c. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>d. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>e. U-Factor: N/A<br/>SHGC:</td> <td>ft<sup>2</sup></td> </tr> </table> | Description             | Area                                | a. U-Factor: Dbl, U=0.25<br>SHGC: SHGC=0.33 | 336.00 ft <sup>2</sup>                 | b. U-Factor: N/A<br>SHGC: | ft <sup>2</sup>       | c. U-Factor: N/A<br>SHGC: | ft <sup>2</sup>          | d. U-Factor: N/A<br>SHGC: | ft <sup>2</sup>                              | e. U-Factor: N/A<br>SHGC: | ft <sup>2</sup> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |      |                                             |                        |                           |                 |                           |                 |                           |                 |                           |                 |                |                                                                                                                                                                                                                                                                                                                                               |            |      |                                           |                         |              |                 |              |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |            |      |                                      |        |                         |        |    |                 |        |    |                 |        |    |                 |                   |            |      |                           |        |                         |        |    |                 |        |    |                 |           |  |  |                                                        |                       |  |                                |  |  |                 |                   |          |                                |  |  |                       |                   |           |                       |  |  |             |                 |         |                          |  |  |      |  |  |             |  |      |
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| a. U-Factor: Dbl, U=0.25<br>SHGC: SHGC=0.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| c. 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| e. 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| 8. Floor Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <table style="width: 100%;"> <tr> <th style="width: 30%;">Insulation</th> <th style="width: 70%;">Area</th> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation<br/>R=0.0</td> <td>3381.50 ft<sup>2</sup></td> </tr> <tr> <td>b. N/A<br/>R=</td> <td>ft<sup>2</sup></td> </tr> <tr> <td>c. N/A<br/>R=</td> <td>ft<sup>2</sup></td> </tr> </table>                                                                                                                                                                           | Insulation              | Area                                | a. Slab-On-Grade Edge Insulation<br>R=0.0   | 3381.50 ft <sup>2</sup>                | b. N/A<br>R=              | ft <sup>2</sup>       | c. N/A<br>R=              | ft <sup>2</sup>          |                           |                                              |                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |      |                                             |                        |                           |                 |                           |                 |                           |                 |                           |                 |                |                                                                                                                                                                                                                                                                                                                                               |            |      |                                           |                         |              |                 |              |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |            |      |                                      |        |                         |        |    |                 |        |    |                 |        |    |                 |                   |            |      |                           |        |                         |        |    |                 |        |    |                 |           |  |  |                                                        |                       |  |                                |  |  |                 |                   |          |                                |  |  |                       |                   |           |                       |  |  |             |                 |         |                          |  |  |      |  |  |             |  |      |
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| a. Slab-On-Grade Edge Insulation<br>R=0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| b. N/A<br>R=                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| c. N/A<br>R=                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 9. Wall Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| a. Insulated Concrete Form, Exterior                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| b. 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| c. 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| d. 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| 10. Ceiling Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| a. Under Attic (Unvented)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | R=30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4056.50 ft <sup>2</sup> |                                     |                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| b. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| c. N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 11. Ducts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| a. Sup: Interior Ret: Interior AH: Interior Sup. R= 6,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 887.8 ft <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |                                             |                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| 12. Cooling systems (combined)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| a. Central Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cap: 29.7 kBtu/hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SEER: 16                |                                     |                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| 13. Heating systems (combined)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| a. Electric Heat Pump                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cap: 32.9 kBtu/hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HSPF: 7.8               |                                     |                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| 14. Hot water systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| a. Electric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| b. Conservation features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 15. Credits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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|                         |                                      |      |
|-------------------------|--------------------------------------|------|
| Glass/Floor Area: 0.081 | Total As-Built Modified Loads: 32.47 | PASS |
|                         | Total Baseline Loads: 72.06          |      |

|                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.<br><br><b>PREPARED BY:</b> <u>Sherran Phillips</u><br><b>DATE:</b> <u>April 21, 2010</u><br><br>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.<br><br><b>OWNER/AGENT:</b> _____<br><b>DATE:</b> _____ | 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.<br><br><b>BUILDING OFFICIAL:</b> _____<br><b>DATE:</b> _____ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





## PROJECT

|                                |                        |                                |
|--------------------------------|------------------------|--------------------------------|
| Title: Glenn Residence         | Bedrooms: 4            | Address Type: Street Address   |
| Building Type: FLAsBuilt       | Bathrooms: 3           | Lot #                          |
| Owner: Same                    | Conditioned Area: 4131 | SubDivision:                   |
| # of Units: 1                  | Total Stories: 1       | PlatBook:                      |
| Builder Name: Triest Const.    | Worst Case: No         | Street:                        |
| Permit Office: Columbia        | Rotate Angle: 0        | County: Columbia               |
| Jurisdiction: 221200           | Cross Ventilation:     | City, State, Zip: Fort White , |
| Family Type: Single-family     | Whole House Fan:       | FL ,                           |
| New/Existing: New (From Plans) |                        |                                |
| Comment:                       |                        |                                |

## CLIMATE

| ✓ | Design Location  | TMY Site            | IECC Zone | Design Temp 97.5 % | Design Temp 2.5 % | Int Design Temp Winter | Int Design Temp Summer | Heating Degree Days | Design Moisture | Daily Temp Range |
|---|------------------|---------------------|-----------|--------------------|-------------------|------------------------|------------------------|---------------------|-----------------|------------------|
| ✓ | FL, Jacksonville | FL_JACKSONVILLE_INT | 2         | 32                 | 93                | 75                     | 70                     | 1281                | 49              | Medium           |

## FLOORS

| ✓ | #  | Floor Type                   | Perimeter | Perimeter R-Value | Area      | Joist R-Value | Tile | Wood | Carpet |
|---|----|------------------------------|-----------|-------------------|-----------|---------------|------|------|--------|
| ✓ | 1  | Slab-On-Grade Edge Insulatio | 6.5 ft    | 0                 | 123.5 ft² |               | 0    | 1    | 0      |
| ✓ | 2  | Slab-On-Grade Edge Insulatio | 16.5 ft   | 0                 | 214.5 ft² |               | 0    | 0    | 1      |
| ✓ | 3  | Slab-On-Grade Edge Insulatio | 20.5 ft   | 0                 | 102 ft²   |               | 1    | 0    | 0      |
| ✓ | 4  | Slab-On-Grade Edge Insulatio | 22 ft     | 0                 | 245 ft²   |               | 0    | 1    | 0      |
| ✓ | 5  | Slab-On-Grade Edge Insulatio | 6.5 ft    | 0                 | 88 ft²    |               | 1    | 0    | 0      |
| ✓ | 6  | Slab-On-Grade Edge Insulatio | 11 ft     | 0                 | 148 ft²   |               | 0    | 1    | 0      |
| ✓ | 7  | Slab-On-Grade Edge Insulatio | 12 ft     | 0                 | 162 ft²   |               | 0    | 1    | 0      |
| ✓ | 8  | Slab-On-Grade Edge Insulatio | 8 ft      | 0                 | 108 ft²   |               | 1    | 0    | 0      |
| ✓ | 9  | Slab-On-Grade Edge Insulatio | 44.5 ft   | 0                 | 240 ft²   |               | 0    | 1    | 0      |
| ✓ | 10 | Slab-On-Grade Edge Insulatio | 6 ft      | 0                 | 91 ft²    |               | 0    | 1    | 0      |
| ✓ | 11 | Slab-On-Grade Edge Insulatio | 35.5 ft   | 0                 | 391 ft²   |               | 0    | 1    | 0      |
| ✓ | 12 | Slab-On-Grade Edge Insulatio | 22.5 ft   | 0                 | 460 ft²   |               | 0    | 1    | 0      |
| ✓ | 13 | Slab-On-Grade Edge Insulatio | 12 ft     | 0                 | 180 ft²   |               | 0    | 1    | 0      |
| ✓ | 14 | Slab-On-Grade Edge Insulatio | 35 ft     | 0                 | 272 ft²   |               | 0    | 1    | 0      |
| ✓ | 15 | Slab-On-Grade Edge Insulatio | 13 ft     | 0                 | 162.5 ft² |               | 1    | 0    | 0      |
| ✓ | 16 | Slab-On-Grade Edge Insulatio | 23 ft     | 0                 | 132 ft²   |               | 0    | 1    | 0      |
| ✓ | 17 | Slab-On-Grade Edge Insulatio | 21 ft     | 0                 | 262 ft²   |               | 0    | 1    | 0      |

| ROOF |   |      |                      |           |            |            |              |        |             |          |
|------|---|------|----------------------|-----------|------------|------------|--------------|--------|-------------|----------|
| ✓    | # | Type | Materials            | Roof Area | Gable Area | Roof Color | Solar Absor. | Tested | Deck Insul. | Pitch    |
| ✓    | 1 | Hip  | Composition shingles | 4605 ft²  | 0 ft²      | Medium     | 0.96         | No     | 30          | 22.6 deg |

| ATTIC |   |            |             |                   |          |     |      |
|-------|---|------------|-------------|-------------------|----------|-----|------|
| ✓     | # | Type       | Ventilation | Vent Ratio (1 in) | Area     | RBS | IRCC |
| ✓     | 1 | Full attic | Unvented    | 0                 | 4251 ft² | N   | N    |

| CEILING |    |                        |         |           |              |            |
|---------|----|------------------------|---------|-----------|--------------|------------|
| ✓       | #  | Ceiling Type           | R-Value | Area      | Framing Frac | Truss Type |
| ✓       | 1  | Under Attic (Unvented) | 30      | 123.5 ft² | 0.11         | Wood       |
| ✓       | 2  | Under Attic (Unvented) | 30      | 214.5 ft² | 0.11         | Wood       |
| ✓       | 3  | Under Attic (Unvented) | 30      | 102 ft²   | 0.11         | Wood       |
| ✓       | 4  | Under Attic (Unvented) | 30      | 245 ft²   | 0.11         | Wood       |
| ✓       | 5  | Under Attic (Unvented) | 30      | 88 ft²    | 0.11         | Wood       |
| ✓       | 6  | Under Attic (Unvented) | 30      | 148 ft²   | 0.11         | Wood       |
| ✓       | 7  | Under Attic (Unvented) | 30      | 162 ft²   | 0.11         | Wood       |
| ✓       | 8  | Under Attic (Unvented) | 30      | 108 ft²   | 0.11         | Wood       |
| ✓       | 9  | Under Attic (Unvented) | 30      | 240 ft²   | 0.11         | Wood       |
| ✓       | 10 | Under Attic (Unvented) | 30      | 91 ft²    | 0.11         | Wood       |
| ✓       | 11 | Under Attic (Unvented) | 30      | 391 ft²   | 0.11         | Wood       |
| ✓       | 12 | Under Attic (Unvented) | 30      | 460 ft²   | 0.11         | Wood       |
| ✓       | 13 | Under Attic (Unvented) | 30      | 315 ft²   | 0.11         | Wood       |
| ✓       | 14 | Under Attic (Unvented) | 30      | 88 ft²    | 0.11         | Wood       |
| ✓       | 15 | Under Attic (Unvented) | 30      | 180 ft²   | 0.11         | Wood       |
| ✓       | 16 | Under Attic (Unvented) | 30      | 272 ft²   | 0.11         | Wood       |
| ✓       | 17 | Under Attic (Unvented) | 30      | 162.5 ft² | 0.11         | Wood       |
| ✓       | 18 | Under Attic (Unvented) | 30      | 52 ft²    | 0.11         | Wood       |
| ✓       | 19 | Under Attic (Unvented) | 30      | 72 ft²    | 0.11         | Wood       |
| ✓       | 20 | Under Attic (Unvented) | 30      | 48 ft²    | 0.11         | Wood       |
| ✓       | 21 | Under Attic (Unvented) | 30      | 44 ft²    | 0.11         | Wood       |
| ✓       | 22 | Under Attic (Unvented) | 30      | 132 ft²   | 0.11         | Wood       |
| ✓       | 23 | Under Attic (Unvented) | 30      | 262 ft²   | 0.11         | Wood       |
| ✓       | 24 | Under Attic (Unvented) | 30      | 56 ft²    | 0.11         | Wood       |

| WALLS |   |      |             |                         |                |           |                   |                  |              |
|-------|---|------|-------------|-------------------------|----------------|-----------|-------------------|------------------|--------------|
| ✓     | # | Ornt | Adjacent To | Wall Type               | Cavity R-Value | Area      | Sheathing R-Value | Framing Fraction | Solar Absor. |
| ✓     | 1 | E    | Exterior    | Insulated Concrete Form | 19             | 58.5 ft²  | 0                 | 0                | 0.75         |
| ✓     | 2 | E    | Exterior    | Insulated Concrete Form | 19             | 148.5 ft² | 0                 | 0                | 0.75         |
| ✓     | 3 | E    | Exterior    | Insulated Concrete Form | 19             | 76.5 ft²  | 0                 | 0                | 0.75         |
| ✓     | 4 | N    | Exterior    | Insulated Concrete Form | 19             | 108 ft²   | 0                 | 0                | 0.75         |
| ✓     | 5 | N    | Exterior    | Insulated Concrete Form | 19             | 198 ft²   | 0                 | 0                | 0.75         |

## WALLS

| ✓     | #  | Omt | Adjacent To | Wall Type               | Cavity R-Value | Area      | Sheathing R-Value | Framing Fraction | Solar Absor. |
|-------|----|-----|-------------|-------------------------|----------------|-----------|-------------------|------------------|--------------|
| _____ | 6  | N   | Exterior    | Insulated Concrete Form | 19             | 58.5 ft²  | 0                 | 0                | 0.75         |
| _____ | 7  | N   | Exterior    | Insulated Concrete Form | 19             | 99 ft²    | 0                 | 0                | 0.75         |
| _____ | 8  | N   | Exterior    | Insulated Concrete Form | 19             | 72 ft²    | 0                 | 0                | 0.75         |
| _____ | 9  | N   | Exterior    | Insulated Concrete Form | 19             | 117 ft²   | 0                 | 0                | 0.75         |
| _____ | 10 | W   | Exterior    | Insulated Concrete Form | 19             | 166.5 ft² | 0                 | 0                | 0.75         |
| _____ | 11 | S   | Exterior    | Insulated Concrete Form | 19             | 117 ft²   | 0                 | 0                | 0.75         |
| _____ | 12 | W   | Exterior    | Insulated Concrete Form | 19             | 112.5 ft² | 0                 | 0                | 0.75         |
| _____ | 13 | S   | Exterior    | Insulated Concrete Form | 19             | 207 ft²   | 0                 | 0                | 0.75         |
| _____ | 14 | W   | Exterior    | Insulated Concrete Form | 19             | 166.5 ft² | 0                 | 0                | 0.75         |
| _____ | 15 | W   | Exterior    | Insulated Concrete Form | 19             | 108 ft²   | 0                 | 0                | 0.75         |
| _____ | 16 | W   | Exterior    | Insulated Concrete Form | 19             | 144 ft²   | 0                 | 0                | 0.75         |
| _____ | 17 | S   | Exterior    | Insulated Concrete Form | 19             | 153 ft²   | 0                 | 0                | 0.75         |
| _____ | 18 | S   | Exterior    | Insulated Concrete Form | 19             | 117 ft²   | 0                 | 0                | 0.75         |
| _____ | 19 | E   | Exterior    | Insulated Concrete Form | 19             | 72 ft²    | 0                 | 0                | 0.75         |
| _____ | 20 | S   | Exterior    | Insulated Concrete Form | 19             | 108 ft²   | 0                 | 0                | 0.75         |
| _____ | 21 | E   | Exterior    | Insulated Concrete Form | 19             | 99 ft²    | 0                 | 0                | 0.75         |
| _____ | 22 | E   | Exterior    | Insulated Concrete Form | 19             | 189 ft²   | 0                 | 0                | 0.75         |
| _____ | 23 | N   | Exterior    | Insulated Concrete Form | 19             | 108 ft²   | 0                 | 0                | 0.75         |

## DOORS

| ✓     | # | Omt | Door Type | Storms | U-Value | Area   |
|-------|---|-----|-----------|--------|---------|--------|
| _____ | 1 | E   | Insulated | None   | 0.46    | 20 ft² |
| _____ | 2 | N   | Insulated | None   | 0.46    | 20 ft² |
| _____ | 3 | S   | Insulated | None   | 0.46    | 20 ft² |
| _____ | 4 | W   | Insulated | None   | 0.46    | 40 ft² |
| _____ | 5 | W   | Insulated | None   | 0.46    | 20 ft² |
| _____ | 6 | W   | Insulated | None   | 0.46    | 40 ft² |

## WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

| ✓     | # | Omt | Frame | Panes          | NFRC | U-Factor | SHGC | Storms | Area   | Overhang  |            | Int Shade | Screening |
|-------|---|-----|-------|----------------|------|----------|------|--------|--------|-----------|------------|-----------|-----------|
|       |   |     |       |                |      |          |      |        |        | Depth     | Separation |           |           |
| _____ | 1 | E   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 8 ft²  | 1 ft 6 in | 2 ft 4 in  | HERS 2006 | None      |
| _____ | 2 | E   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 36 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 3 | N   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 36 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 4 | N   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 4 ft²  | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 5 | N   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 6 | N   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 7 | N   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 8 | W   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |
| _____ | 9 | S   | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in | 2 ft 0 in  | HERS 2006 | None      |



## WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

| ✓ | #  | Ornt | Frame | Panes          | NFRC | U-Factor | SHGC | Storms | Area   | Overhang   |            | Int Shade | Screening |
|---|----|------|-------|----------------|------|----------|------|--------|--------|------------|------------|-----------|-----------|
|   |    |      |       |                |      |          |      |        |        | Depth      | Separation |           |           |
| ✓ | 10 | W    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 1 ft 6 in  | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 11 | S    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 24 ft² | 1 ft 6 in  | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 12 | S    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 50 ft 0 in | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 13 | W    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 36 ft² | 9 ft 6 in  | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 14 | W    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 24 ft² | 9 ft 6 in  | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 15 | S    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 24 ft² | 1 ft 6 in  | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 16 | S    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 24 ft² | 10 ft 0 in | 2 ft 0 in  | HERS 2006 | None      |
| ✓ | 17 | E    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 12 ft² | 10 ft 0 in | 9 ft 0 in  | HERS 2006 | None      |
| ✓ | 18 | E    | Vinyl | Double (Clear) | Yes  | 0.25     | 0.33 | N      | 24 ft² | 10 ft 0 in | 2 ft 0 in  | HERS 2006 | None      |

## INFILTRATION & VENTING

| ✓ | Method  | SLA     | CFM 50 | ACH 50 | ELA   | EqLA  | --- Forced Ventilation --- |             | Run Time | Fan   |
|---|---------|---------|--------|--------|-------|-------|----------------------------|-------------|----------|-------|
|   |         |         |        |        |       |       | Supply CFM                 | Exhaust CFM | Fraction | Watts |
| ✓ | Default | 0.00036 | 3901   | 6.30   | 214.2 | 402.7 | 0 cfm                      | 0 cfm       | 0        | 0     |

## COOLING SYSTEM

| ✓ | # | System Type  | Subtype | Efficiency | Capacity      | Air Flow | SHR  | Ductless |
|---|---|--------------|---------|------------|---------------|----------|------|----------|
| ✓ | 1 | Central Unit | None    | SEER: 16   | 14.05 kBtu/hr | 420 cfm  | 0.75 | False    |
| ✓ | 2 | Central Unit | None    | SEER: 16   | 14.05 kBtu/hr | 420 cfm  | 0.75 | False    |

## HEATING SYSTEM

| ✓ | # | System Type        | Subtype | Efficiency | Capacity      | Ductless |
|---|---|--------------------|---------|------------|---------------|----------|
| ✓ | 1 | Electric Heat Pump | None    | HSPF: 7.8  | 16.45 kBtu/hr | False    |
| ✓ | 2 | Electric Heat Pump | None    | HSPF: 7.8  | 16.45 kBtu/hr | False    |

## HOT WATER SYSTEM

| ✓ | # | System Type | EF  | Cap    | Use    | SetPnt  | Conservation |
|---|---|-------------|-----|--------|--------|---------|--------------|
| ✓ | 1 | Electric    | 0.9 | 60 gal | 70 gal | 120 deg | None         |

## SOLAR HOT WATER SYSTEM

| ✓ | FSEC   | Company Name | System Model # | Collector Model # | Collector Area | Storage Volume | FEF |
|---|--------|--------------|----------------|-------------------|----------------|----------------|-----|
| ✓ | Cert # |              |                |                   |                |                |     |
| ✓ | None   | None         |                |                   | ft²            |                |     |

## DUCTS

| ✓ | # | --- Supply --- |         | --- Return --- |          | Leakage Type | Air Handler     | CFM 25   | Percent Leakage | QN | RLF |
|---|---|----------------|---------|----------------|----------|--------------|-----------------|----------|-----------------|----|-----|
|   |   | Location       | R-Value | Area           | Location | Area         |                 |          |                 |    |     |
| ✓ | 1 | Interior       | 6       | 887.8 ft       | Interior | 221.95       | Default Leakage | Interior |                 |    |     |

## TEMPERATURES

Programable Thermostat: None

Ceiling Fans:

|         |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |     |                                     |
|---------|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|
| Cooling | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb | <input checked="" type="checkbox"/> | Mar | <input checked="" type="checkbox"/> | Apr | <input checked="" type="checkbox"/> | May | <input checked="" type="checkbox"/> | Jun | <input checked="" type="checkbox"/> | Jul | <input checked="" type="checkbox"/> | Aug | <input checked="" type="checkbox"/> | Sep | <input checked="" type="checkbox"/> | Oct | <input checked="" type="checkbox"/> | Nov | <input checked="" type="checkbox"/> | Dec | <input checked="" type="checkbox"/> |
| Heating | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb | <input checked="" type="checkbox"/> | Mar | <input checked="" type="checkbox"/> | Apr | <input checked="" type="checkbox"/> | May | <input checked="" type="checkbox"/> | Jun | <input checked="" type="checkbox"/> | Jul | <input checked="" type="checkbox"/> | Aug | <input checked="" type="checkbox"/> | Sep | <input checked="" type="checkbox"/> | Oct | <input checked="" type="checkbox"/> | Nov | <input checked="" type="checkbox"/> | Dec | <input checked="" type="checkbox"/> |
| Venting | <input checked="" type="checkbox"/> | Jan | <input checked="" type="checkbox"/> | Feb | <input checked="" type="checkbox"/> | Mar | <input checked="" type="checkbox"/> | Apr | <input checked="" type="checkbox"/> | May | <input checked="" type="checkbox"/> | Jun | <input checked="" type="checkbox"/> | Jul | <input checked="" type="checkbox"/> | Aug | <input checked="" type="checkbox"/> | Sep | <input checked="" type="checkbox"/> | Oct | <input checked="" type="checkbox"/> | Nov | <input checked="" type="checkbox"/> | Dec | <input checked="" type="checkbox"/> |

Thermostat Schedule: HERS 2006 Reference

Hours

| Schedule Type |    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Cooling (WD)  | AM | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
|               | PM | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| Cooling (WEH) | AM | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
|               | PM | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| Heating (WD)  | AM | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
|               | PM | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| Heating (WEH) | AM | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
|               | PM | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |

## Code Compliance Checklist

### Residential Whole Building Performance Method A - Details

ADDRESS:

Fort White, FL,

PERMIT #:

**INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

| COMPONENTS                    | SECTION        | REQUIREMENTS FOR EACH PRACTICE                                                                                                                                                                                                                                                                                                                                                                                            | CHECK |
|-------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Exterior Windows & Doors      | N1106.AB.1.1   | Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.                                                                                                                                                                                                                                                                                                                                                              |       |
| Exterior & Adjacent Walls     | N1106.AB.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.<br>EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate. |       |
| Floors                        | N1106.AB.1.2.2 | Penetrations/openings > 1/8" sealed unless backed by truss or joint members.<br>EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.                                                                                                                                                                                                     |       |
| Ceilings                      | N1106.AB.1.2.3 | Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access.<br>EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.                                                                     |       |
| Recessed Lighting Fixtures    | N1106.AB.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 with < 2.0 cfm from conditioned space, tested.                                                                                                                                                                                                                 |       |
| Multi-story Houses            | N1106.AB.1.2.5 | Air barrier on perimeter of floor cavity between floors.                                                                                                                                                                                                                                                                                                                                                                  |       |
| Additional Infiltration reqts | N1106.AB.1.3   | Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.                                                                                                                                                                                                                                                                                                                 |       |

**OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)**

| COMPONENTS               | SECTION                   | REQUIREMENTS                                                                                                                                                                                                                           | CHECK |
|--------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Water Heaters            | N1112.AB.3                | Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.                                                |       |
| Swimming Pools & Spas    | N1112.AB.2.3              | 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%. Heat pump pool heaters shall have a minimum COP of 4.0. |       |
| Shower heads             | N1112.AB.2.4              | Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.                                                                                                                                                       |       |
| Air Distribution Systems | N1110.AB                  | All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation. |       |
| HVAC Controls            | N1107.AB.2                | Separate readily accessible manual or automatic thermostat for each system.                                                                                                                                                            |       |
| Insulation               | N1104.AB.1<br>N1102.B.1.1 | Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.                                                                                                                                       |       |





**COLUMBIA COUNTY BUILDING DEPARTMENT  
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

**MINIMUM PLAN REQUIREMENTS FOR THE  
FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009  
SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS  
with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE 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 SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

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

**GENERAL REQUIREMENTS:  
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-  
Each Box shall be  
Circled as  
Applicable

|   |                                                                                                     |                            | Yes      | No       | N/A  |
|---|-----------------------------------------------------------------------------------------------------|----------------------------|----------|----------|------|
| 1 | Two (2) complete sets of plans containing the following:                                            |                            |          |          |      |
| 2 | All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void |                            |          |          |      |
| 3 | Condition space (Sq. Ft.)                                                                           | Total (Sq. Ft.) under roof | IIIIIIII | IIIIIIII | IIII |

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

**Site Plan information including:**

|   |                                                                                                                                                         |   |  |  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| 4 | Dimensions of lot or parcel of land                                                                                                                     | ✓ |  |  |
| 5 | Dimensions of all building set backs                                                                                                                    | ✓ |  |  |
| 6 | Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements. | ✓ |  |  |
| 7 | Provide a full legal description of property.                                                                                                           | ✓ |  |  |

**All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)**

| GENERAL REQUIREMENTS:<br>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL |  | Items to Include-<br>Each Box shall be<br>Circled as<br>Applicable |  |  |
|-----------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--|
|-----------------------------------------------------------------------------------------|--|--------------------------------------------------------------------|--|--|

### **FBCR 403: Foundation Plans**

|    |                                                                                                                                                                                                                                                                                                                                                                  | YES | NO | N/A |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|
| 29 | Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.                                                                                                                                                                                                                                         | ✓   |    |     |
| 30 | All posts and/or column footing including size and reinforcing                                                                                                                                                                                                                                                                                                   | ✓   |    |     |
| 31 | Any special support required by soil analysis such as piling.                                                                                                                                                                                                                                                                                                    |     |    | ✓   |
| 32 | Assumed load-bearing value of soil <u>2500</u> Pound Per Square Foot                                                                                                                                                                                                                                                                                             | ✓   |    |     |
| 33 | Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3 | ✓   |    |     |

### **FBCR 506: CONCRETE SLAB ON GRADE**

|    |                                                                                                     |   |  |  |
|----|-----------------------------------------------------------------------------------------------------|---|--|--|
| 34 | Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)                     | ✓ |  |  |
| 35 | Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports | ✓ |  |  |

### **FBCR 320: PROTECTION AGAINST TERMITES**

|    |                                                                                                                                                                                                             |   |  |  |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| 36 | Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides | ✓ |  |  |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|

### **FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)**

|    |                                                                                    |  |  |   |
|----|------------------------------------------------------------------------------------|--|--|---|
| 37 | Show all materials making up walls, wall height, and Block size, mortar type       |  |  | ✓ |
| 38 | Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement |  |  | ✓ |

**Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect**

### **Floor Framing System: First and/or second story**

|    |                                                                                                                       |   |  |   |
|----|-----------------------------------------------------------------------------------------------------------------------|---|--|---|
| 39 | Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer | ✓ |  |   |
| 40 | Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers | ✓ |  |   |
| 41 | Girder type, size and spacing to load bearing walls, stem wall and/or piers                                           | ✓ |  |   |
| 42 | Attachment of joist to girder                                                                                         | ✓ |  |   |
| 43 | Wind load requirements where applicable                                                                               | ✓ |  |   |
| 44 | Show required under-floor crawl space                                                                                 |   |  | ✓ |



|    |                                                                                                                                                         |   |  |   |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|---|
| 45 | Show required amount of ventilation opening for under-floor spaces                                                                                      |   |  | ✓ |
| 46 | Show required covering of ventilation opening                                                                                                           |   |  | ✓ |
| 47 | Show the required access opening to access to under-floor spaces                                                                                        |   |  | ✓ |
| 48 | Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing | ✓ |  |   |
| 49 | Show Draftstopping, Fire caulking and Fire blocking                                                                                                     |   |  | ✓ |
| 50 | Show fireproofing requirements for garages attached to living spaces, per FBCR section 309                                                              |   |  | ✓ |
| 51 | Provide live and dead load rating of floor framing systems (psf).                                                                                       | ✓ |  |   |

## **FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION**

| GENERAL REQUIREMENTS:<br>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL |                                                                                                                                                                                                                      | Items to Include-<br>Each Box shall be<br>Circled as<br>Applicable |    |     |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----|-----|
|                                                                                         |                                                                                                                                                                                                                      | YES                                                                | NO | N/A |
| 52                                                                                      | Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls                                                                                                                               | ✓                                                                  |    |     |
| 53                                                                                      | Fastener schedule for structural members per table FBCR 602.3 are to be shown                                                                                                                                        | ✓                                                                  |    |     |
| 54                                                                                      | Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing |                                                                    |    | ✓   |
| 55                                                                                      | Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems                | ✓                                                                  |    |     |
| 56                                                                                      | Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)                                                            | ✓                                                                  |    |     |
| 57                                                                                      | Indicate where pressure treated wood will be placed                                                                                                                                                                  | ✓                                                                  |    |     |
| 58                                                                                      | Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas                                                                      |                                                                    |    | ✓   |
| 59                                                                                      | A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail                                                                                                                 | ✓                                                                  |    |     |

## **FBCR :ROOF SYSTEMS:**

|    |                                                                                                |   |  |  |
|----|------------------------------------------------------------------------------------------------|---|--|--|
| 60 | Truss design drawing shall meet section FBCR 802.10 Wood trusses                               | ✓ |  |  |
| 61 | Include a layout and truss details, signed and sealed by Florida Professional Engineer         | ✓ |  |  |
| 62 | Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters | ✓ |  |  |
| 63 | Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details  | ✓ |  |  |
| 64 | Provide dead load rating of trusses                                                            | ✓ |  |  |

## **FBCR 802:Conventional Roof Framing Layout**

|    |                                                                                |   |  |  |
|----|--------------------------------------------------------------------------------|---|--|--|
| 65 | Rafter and ridge beams sizes, span, species and spacing                        | ✓ |  |  |
| 66 | Connectors to wall assemblies' include assemblies' resistance to uplift rating | ✓ |  |  |
| 67 | Valley framing and support details                                             | ✓ |  |  |
| 68 | Provide dead load rating of rafter system                                      | ✓ |  |  |

### **FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING**

|    |                                                                                                                           |   |  |  |
|----|---------------------------------------------------------------------------------------------------------------------------|---|--|--|
| 69 | Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness | ✓ |  |  |
| 70 | Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas                          | ✓ |  |  |

### **FBCR ROOF ASSEMBLIES FRC Chapter 9**

|    |                                                                                            |   |  |  |
|----|--------------------------------------------------------------------------------------------|---|--|--|
| 71 | Include all materials which will make up the roof assemblies covering                      | ✓ |  |  |
| 72 | Submit Florida Product Approval numbers for each component of the roof assemblies covering | ✓ |  |  |

### **FBCR Chapter 11 Energy Efficiency Code for residential building**

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

| GENERAL REQUIREMENTS:<br>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL |                                                                      | Items to Include-<br>Each Box shall be<br>Circled as<br>Applicable |    |     |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|----|-----|
|                                                                                         |                                                                      | YES                                                                | NO | N/A |
| 73                                                                                      | Show the insulation R value for the following areas of the structure | ✓                                                                  |    |     |
| 74                                                                                      | Attic space                                                          | ✓                                                                  |    |     |
| 75                                                                                      | Exterior wall cavity                                                 | ✓                                                                  |    |     |
| 76                                                                                      | Crawl space                                                          |                                                                    |    | ✓   |

### **HVAC information**

|    |                                                                                                                         |   |  |  |
|----|-------------------------------------------------------------------------------------------------------------------------|---|--|--|
| 77 | Submit two copies of a Manual J sizing equipment or equivalent computation study                                        | ✓ |  |  |
| 78 | Exhaust fans shown in bathrooms <b>Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required</b> | ✓ |  |  |
| 79 | Show clothes dryer route and total run of exhaust duct                                                                  | ✓ |  |  |

### **Plumbing Fixture layout shown**

|    |                                                                      |   |   |  |
|----|----------------------------------------------------------------------|---|---|--|
| 80 | All fixtures waste water lines shall be shown on the foundation plan |   | ✓ |  |
| 81 | Show the location of water heater                                    | ✓ |   |  |

### **Private Potable Water**

|    |                                         |  |  |  |
|----|-----------------------------------------|--|--|--|
| 82 | Pump motor horse power                  |  |  |  |
| 83 | Reservoir pressure tank gallon capacity |  |  |  |
| 84 | Rating of cycle stop valve if used      |  |  |  |



### Electrical layout shown including

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |  |  |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|--|
| 85 | Show Switches, receptacles outlets, lighting fixtures and Ceiling fans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ✓ |  |  |
| 86 | Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by <b>Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ✓ |  |  |
| 87 | Show the location of smoke detectors & Carbon monoxide detectors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓ |  |  |
| 88 | Show service panel, sub-panel, location(s) and total ampere ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓ |  |  |
| 89 | On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. 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. Indicate if the utility company service entrance cable will be of the overhead or underground type.<br><br><b>For structures</b> with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3 | ✓ |  |  |
| 90 | Appliances and HVAC equipment and disconnects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ✓ |  |  |
| 91 | Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed <b>Combination arc-fault circuit interrupter</b> , Protection device.                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓ |  |  |

**Disclosure Statement for Owner Builders** *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

### Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

|                                                                                                                       |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <p align="center"><b>GENERAL REQUIREMENTS:</b><br/>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p> | <p align="center">Items to Include-<br/>Each Box shall be<br/>Circled as<br/>Applicable</p> |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

### THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

|    |                                                                                                                                                                                                                                                                                            | YES | NO | N/A |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|
| 92 | <b>Building Permit Application</b> A current Building Permit Application form is to be completed and submitted for all residential projects                                                                                                                                                |     |    |     |
| 93 | <b>Parcel Number</b> The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested                                                                                                                                   |     |    |     |
| 94 | <b>Environmental Health Permit or Sewer Tap Approval</b> A copy of a approved Columbia County Environmental Health (386) 758-1058                                                                                                                                                          | ✓   |    |     |
| 95 | <b>City of Lake City</b> A permit showing an approved waste water sewer tap                                                                                                                                                                                                                |     |    | ✓   |
| 96 | <b>Toilet facilities shall be provided for all construction sites</b>                                                                                                                                                                                                                      |     |    |     |
| 97 | <b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit. |     |    | ✓   |
|    |                                                                                                                                                                                                                                                                                            |     |    |     |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |  |   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|---|
| 98  | <b>Flood Information:</b> All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations |   |  | ✓ |
| 99  | <b>CERTIFIED FINISHED FLOOR ELEVATIONS</b> will be required on any project where the base flood elevation (100 year flood) has been established                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |  | ✓ |
| 100 | A development permit will also be required. Development permit cost is <b>\$50.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |  |   |
| 101 | <b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit ( <b>\$25.00</b> ) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ( <b>\$50.00</b> ). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.                                                                                                                                                                                                                                                             |   |  |   |
| 102 | <b>911 Address:</b> If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and <b>received</b> through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125                                                                                                                                                                                                                                                                                                                                                                      | ✓ |  |   |

#### **Section R101.2.1 of the Florida Building Code Residential:**

**The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.**

**Section 105 of the Florida Building Code defines the:**

#### **Time limitation of application.**

**An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.**

#### **Single-family residential dwelling.**

**Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.**

#### **Permit intent.**

**Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.**

**If work has commenced.**

**Section 105.4.1.1:** If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

**New Permit.**

**Section 105.4.1.2:** If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

**Work Shall Be:**

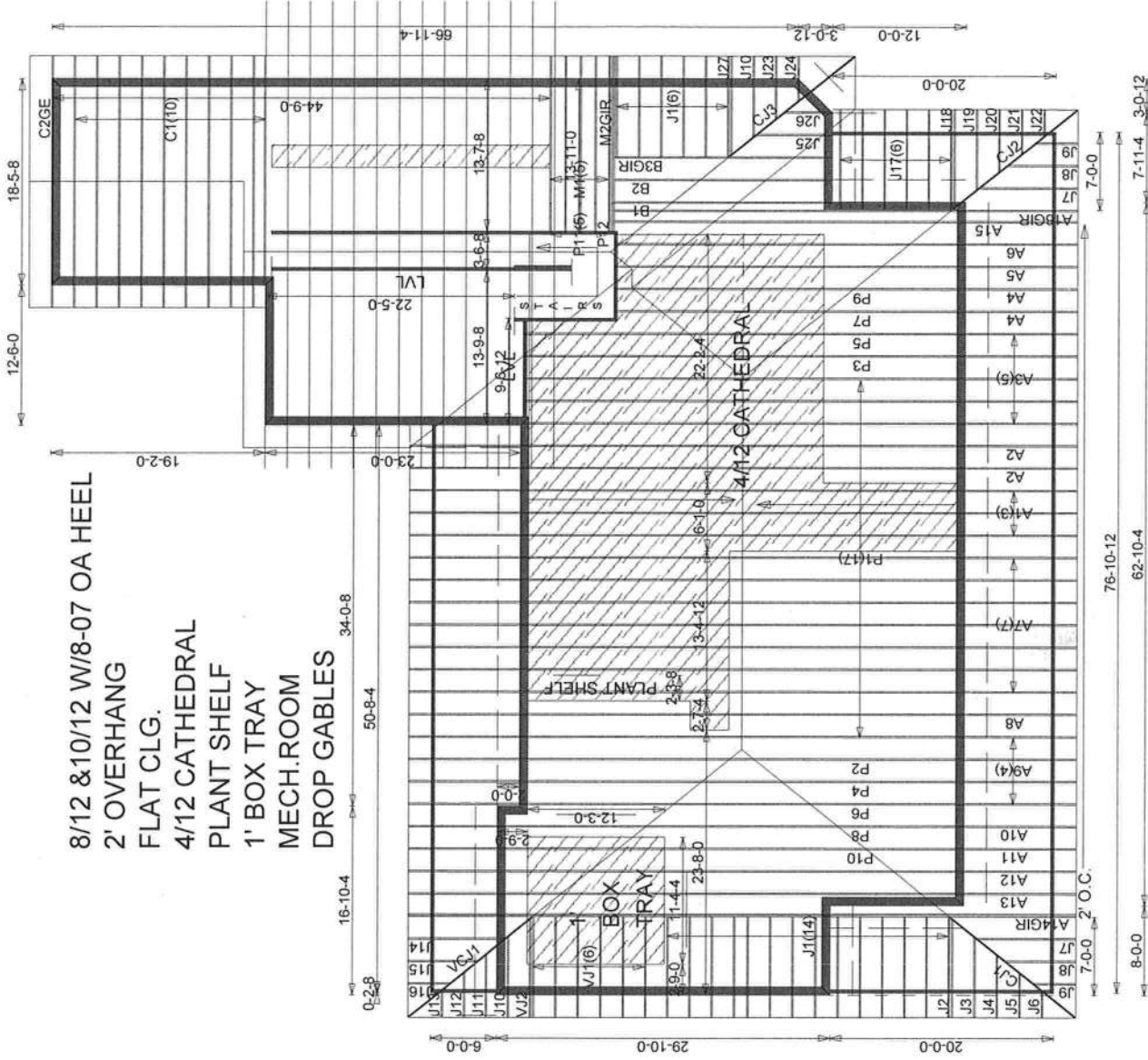
**Section 105.4.1.3:** Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

**The Fee:**

**Section 105.4.1.4:** The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

**When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department**





\*\*\*VERIFY LAYOUT, DIMENSIONS AND TRUSS PROFILES\*\*\*  
 \*\*\*\*/WE HAVE REVIEWED LAYOUT, DIMENSIONS AND TRUSS PROFILES AND ACCEPT PACKAGE AS SUBMITTED.\*\*\*\*

NAME \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

\*\*\*\*\*REVISIONS NEEDED\*\*\*\*\*

8/12 & 10/12 W/8-07 OA HEEL  
 2' OVERHANG  
 FLAT CLG.  
 4/12 CATHEDRAL  
 PLANT SHELF  
 1' BOX TRAY  
 MECH. ROOM  
 DROP GABLES

Account: INDIVIDUAL  
 Job: AABROOME-GLENN  
 Designer: C. LITTLE  
 Checker:  
 Date: 06-11-10

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

AARON BROOME  
 GLENN  
 FT WHITE

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

110 MPH ASCE WIND LOAD



RE: AABROOME-GLENN - ROOF DESIGN INFO

**Site Information:**

Customer Info: AARON BROOME Model: GLENN  
 Lot/Block: . Subdivision: .  
 Address: .  
 City: FT WHITE State: FLORIDA

**Name Address and License # of Structural Engineer of Record, If there is one, for the building.**

Name: License #:  
 Address:  
 City: State:

**General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):**

Design Code: FBC2007 Design Program: Robbins OnLine Plus 26.0.009□  
 Wind Code: ASCE 7-05 Wind Speed: 110 mph Floor Load: 55.0 psf  
 Roof Load: 40.0 psf

This package includes 70 individual, dated Truss Design Drawings and 0 Additional Drawings.  
 With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

| No. | Seal#    | Truss Name | Date     | No. | Seal#    | Truss Name | Date     |
|-----|----------|------------|----------|-----|----------|------------|----------|
| 1   | T3710401 | A1         | 4/16/010 | 18  | T3710418 | B2         | 4/16/010 |
| 2   | T3710402 | A2         | 4/16/010 | 19  | T3710419 | B3GIR      | 4/16/010 |
| 3   | T3710403 | A3         | 4/16/010 | 20  | T3710420 | C1         | 4/16/010 |
| 4   | T3710404 | A4         | 4/16/010 | 21  | T3710421 | C2GE       | 4/16/010 |
| 5   | T3710405 | A5         | 4/16/010 | 22  | T3710422 | M1         | 4/16/010 |
| 6   | T3710406 | A6         | 4/16/010 | 23  | T3710423 | M2GIR      | 4/16/010 |
| 7   | T3710407 | A7         | 4/16/010 | 24  | T3710424 | P1         | 4/16/010 |
| 8   | T3710408 | A8         | 4/16/010 | 25  | T3710425 | P2         | 4/16/010 |
| 9   | T3710409 | A9         | 4/16/010 | 26  | T3710426 | P3         | 4/16/010 |
| 10  | T3710410 | A10        | 4/16/010 | 27  | T3710427 | P4         | 4/16/010 |
| 11  | T3710411 | A11        | 4/16/010 | 28  | T3710428 | P5         | 4/16/010 |
| 12  | T3710412 | A12        | 4/16/010 | 29  | T3710429 | P6         | 4/16/010 |
| 13  | T3710413 | A13        | 4/16/010 | 30  | T3710430 | P7         | 4/16/010 |
| 14  | T3710414 | A14GIR     | 4/16/010 | 31  | T3710431 | P8         | 4/16/010 |
| 15  | T3710415 | A15        | 4/16/010 | 32  | T3710432 | P9         | 4/16/010 |
| 16  | T3710416 | A16GIR     | 4/16/010 | 33  | T3710433 | P10        | 4/16/010 |
| 17  | T3710417 | B1         | 4/16/010 | 34  | T3710434 | J5         | 4/16/010 |

The truss drawing(s) referenced above have been prepared by Robbins Engineering, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Velez, Joaquin

My license renewal date for the state of Florida is February 28, 2011.

**NOTE:** The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.



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

FL Cert. 6634

April 16, 2010

DALLAS

TAMPA

FT. WORTH

Velez, Joaquin

1 of 2

RE: AABROOME-GLENN - ROOF DESIGN INFO

**Site Information:**

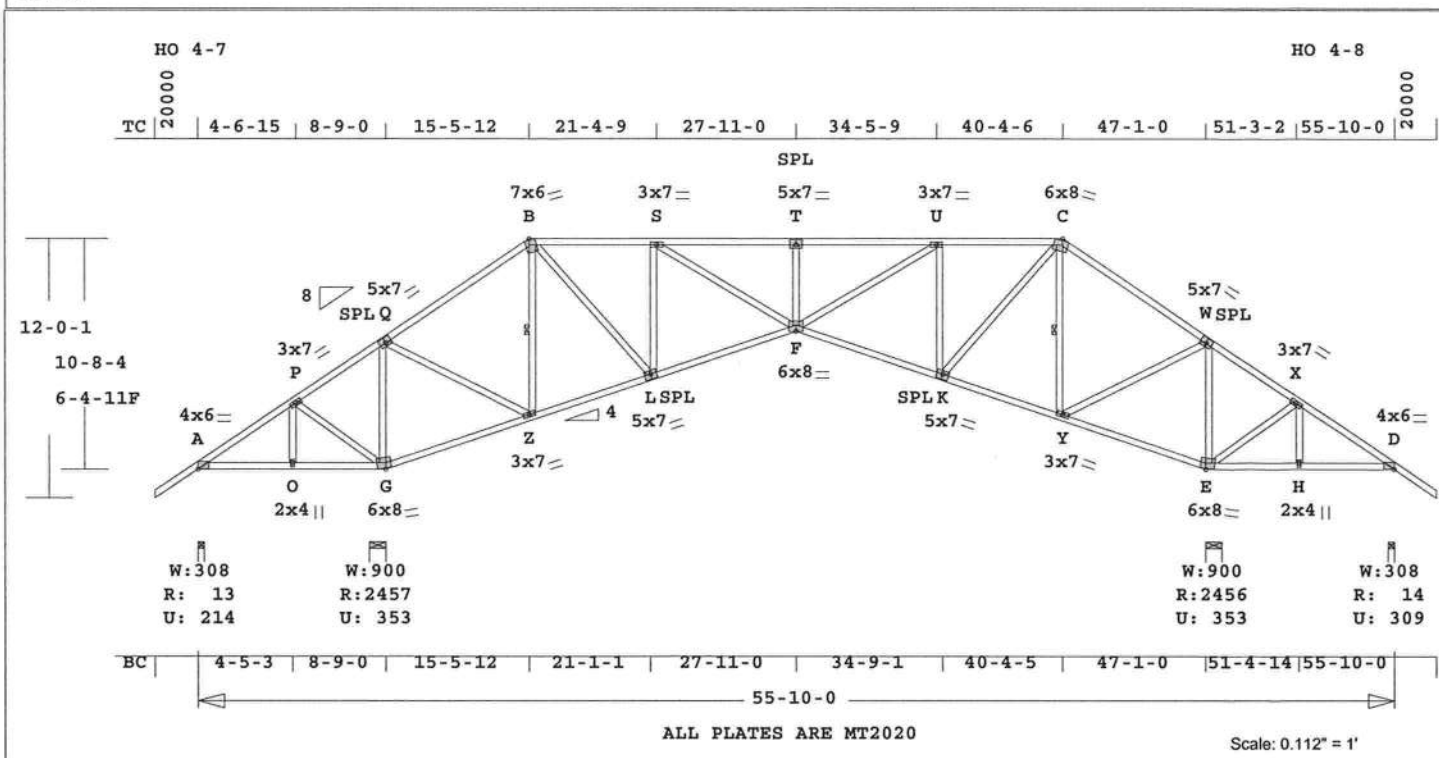
Project Customer: AARON BROOME    Project Name: GLENN  
Lot/Block: .                                    Subdivision: .  
Address: .  
City: FT WHITE                                    State: FLORIDA

| No. | Seal#    | Truss Name | Date     |
|-----|----------|------------|----------|
| 35  | T3710435 | J4         | 4/16/010 |
| 36  | T3710436 | J3         | 4/16/010 |
| 37  | T3710437 | J2         | 4/16/010 |
| 38  | T3710438 | J9         | 4/16/010 |
| 39  | T3710439 | J8         | 4/16/010 |
| 40  | T3710440 | J7         | 4/16/010 |
| 41  | T3710441 | CJ1        | 4/16/010 |
| 42  | T3710442 | J21        | 4/16/010 |
| 43  | T3710443 | J20        | 4/16/010 |
| 44  | T3710444 | J19        | 4/16/010 |
| 45  | T3710445 | CJ2        | 4/16/010 |
| 46  | T3710446 | J24        | 4/16/010 |
| 47  | T3710447 | J23        | 4/16/010 |
| 48  | T3710448 | J10        | 4/16/010 |
| 49  | T3710449 | J27        | 4/16/010 |
| 50  | T3710450 | J26        | 4/16/010 |
| 51  | T3710451 | J25        | 4/16/010 |
| 52  | T3710452 | CJ3        | 4/16/010 |
| 53  | T3710453 | J1         | 4/16/010 |
| 54  | T3710454 | J6         | 4/16/010 |
| 55  | T3710455 | J11        | 4/16/010 |
| 56  | T3710456 | J12        | 4/16/010 |
| 57  | T3710457 | J13        | 4/16/010 |
| 58  | T3710458 | J14        | 4/16/010 |
| 59  | T3710459 | J15        | 4/16/010 |
| 60  | T3710460 | J16        | 4/16/010 |
| 61  | T3710461 | J17        | 4/16/010 |
| 62  | T3710462 | J18        | 4/16/010 |
| 63  | T3710463 | J22        | 4/16/010 |
| 64  | T3710464 | VJ2        | 4/16/010 |
| 65  | T3710465 | VCJ1       | 4/16/010 |
| 66  | T3710466 | VJ1        | 4/16/010 |
| 67  | T3710467 | P11        | 4/16/010 |
| 68  | T3710468 | P12        | 4/16/010 |
| 69  | T3710469 | FL2        | 4/16/010 |
| 70  | T3710470 | FL1        | 4/16/010 |



|                              |                   |                  |                   |                       |                   |                           |                            |                                |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>AI</b> | Quan<br><b>3</b> | Type<br><b>SP</b> | Span<br><b>551000</b> | Pl-H1<br><b>8</b> | Left OH<br><b>2- 0- 0</b> | Right OH<br><b>2- 0- 0</b> | Engineering<br><b>T3710401</b> |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|

GLENN



Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.60 2x 4 SP-#2  
BC 0.72 2x 4 SP-#2  
WB 0.98 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 15- 5-12  
TC 24.0\" 15- 5-12 40- 4- 6  
TC Cont. 40- 4- 6 55-10- 0  
BC Cont. 0- 0- 0 55-10- 0  
One Continuous Lateral Brace  
Z-B Y-C

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

psf-Ld Dead Live  
TC 10.0 20.0  
BC 10.0 0.0  
TC+BC 20.0 20.0  
Total 40.0 Spacing 24.0\"  
Lumber Duration Factor 1.25  
Plate Duration Factor 1.25  
TC Fb=1.15 Fc=1.10 Ft=1.10  
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 14 215 U 254 R  
G 2458 354 U  
E 2457 353 U  
D 14 310 U 254 R

Jt Brg Size Required  
A 3.5\" 1.5\"  
G 9.0\" 2.8\"  
E 9.0\" 2.8\"  
D 3.5\" 1.5\"

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

Membr CSI P Lbs Axl-CSI-Bnd  
---Top Chords---  
A-P 0.27 605 T 0.11 0.16  
P-Q 0.60 1075 T 0.19 0.41  
Q-B 0.41 515 C 0.00 0.41  
B-S 0.34 1259 C 0.01 0.33  
S-T 0.45 2450 C 0.04 0.41  
T-U 0.45 2450 C 0.04 0.41  
U-C 0.34 1258 C 0.01 0.33  
C-W 0.41 515 C 0.00 0.41  
W-X 0.60 1072 T 0.19 0.41  
X-D 0.27 602 T 0.11 0.16

Robbins Engineering, Inc./Online Plus™

-----Bottom Chords-----  
A-O 0.34 496 C 0.00 0.34  
O-G 0.72 496 C 0.00 0.72  
G-Z 0.68 908 C 0.01 0.67  
Z-L 0.26 458 T 0.04 0.22  
L-F 0.37 1325 T 0.21 0.16  
F-K 0.37 1323 T 0.21 0.16  
K-Y 0.26 458 T 0.04 0.22  
Y-E 0.68 906 C 0.01 0.67  
E-H 0.72 494 C 0.00 0.72  
H-D 0.34 494 C 0.00 0.34

-----Webs-----  
O-P 0.05 316 T  
P-G 0.18 466 C  
G-Q 0.98 1878 C  
Q-Z 0.26 1408 T  
Z-B 0.27 1004 C 1 Br  
B-L 0.34 1233 T  
L-S 0.62 1038 C  
S-F 0.26 1375 T  
F-T 0.10 418 C  
T-U 0.26 1376 T  
K-U 0.62 1038 C  
K-C 0.34 1233 T  
Y-C 0.27 1004 C 1 Br  
Y-W 0.25 1406 T  
E-W 0.98 1876 C  
E-X 0.18 467 C  
H-X 0.05 316 T

TL Defl -0.14\" in O -G L/658  
LL Defl -0.06\" in O -G L/999  
Hz Disp LL DL TL  
Jt E 0.14\" 0.19\" 0.32\"  
Shear // Grain in S-T 0.27

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 4.0x 6.0 0.5 0.4 0.36  
P MT20 3.0x 7.0 Ctr Ctr 0.29  
Q MT20 5.0x 7.0-0.3 0.5 0.56  
B MT20 7.0x 6.0 1.3-4.2 0.79  
S MT20 3.0x 7.0 Ctr Ctr 0.58  
T MT20 5.0x 7.0 Ctr 0.5 0.39  
U MT20 3.0x 7.0 Ctr Ctr 0.58  
C MT20 6.0x 8.0-1.2-4.0 0.56  
W MT20 5.0x 7.0 0.3 0.5 0.56  
X MT20 3.0x 7.0 Ctr Ctr 0.29  
D MT20 4.0x 6.0-0.6 0.4 0.36  
O MT20 2.0x 4.0 Ctr Ctr 0.34  
G MT20 6.0x 8.0-1.1 3.6 0.48  
Z MT20 3.0x 7.0 Ctr Ctr 0.63  
L MT20 5.0x 7.0 0.2-0.5 0.58  
F MT20 6.0x 8.0 Ctr-0.7 0.46  
K MT20 5.0x 7.0-0.2-0.5 0.58  
Y MT20 3.0x 7.0 Ctr Ctr 0.63

APPROX. TRUSS WEIGHT: 432.2 LBS

E MT20 6.0x 8.0 1.1 3.6 0.48  
H MT20 2.0x 4.0 Ctr Ctr 0.34

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

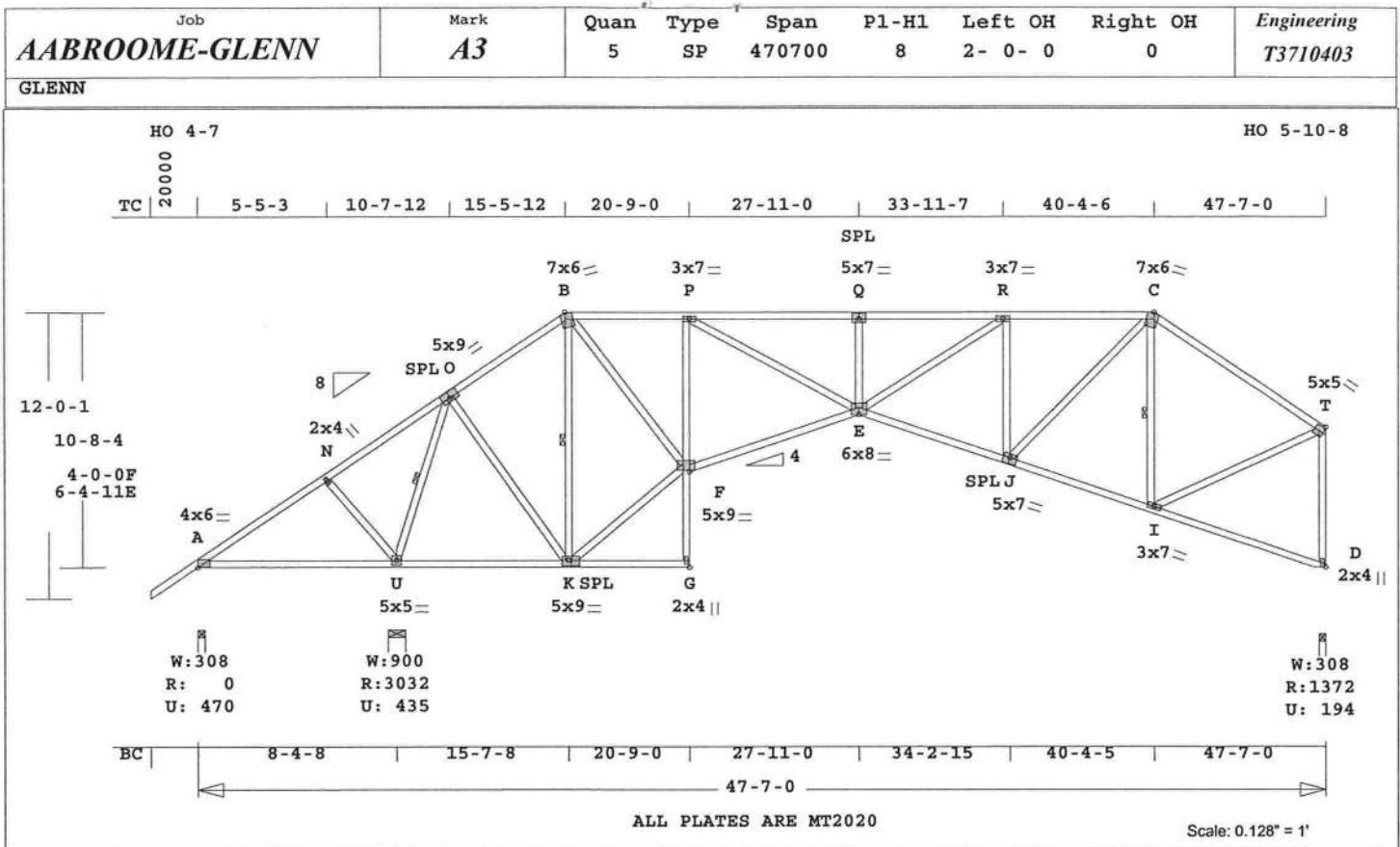
REFER TO ROBBINS ENG. GENERAL  
NOTES AND SYMBOLS SHEET FOR  
ADDITIONAL SPECIFICATIONS.

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 9- 0  
47- 1- 0 55-10- 0  
Max comp. force 2450 Lbs  
Max tens. force 1408 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634





Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

| CSI | Size | ---Lumber--- |
|-----|------|--------------|
| TC  | 0.68 | 2x 4 SP-#2   |
| BC  | 0.46 | 2x 4 SP-#2   |
| CW  | 0.96 | 2x 4 SP-#2   |
| WB  | 0.69 | 2x 4 SP-#2   |

Brace truss as follows:

| O.C.     | From     | To                |
|----------|----------|-------------------|
| TC Cont. | 0- 0- 0  | 15- 5-12          |
| TC       | 24.0"    | 15- 5-12 40- 4- 6 |
| TC Cont. | 40- 4- 6 | 47- 7- 0          |
| BC Cont. | 0- 0- 0  | 47- 7- 0          |

One Continuous Lateral Brace  
 U - O K - B I - C  
 Attach CLB with (2)-10d nails  
 at each web.

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

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

Total Load Reactions (lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 471  | G      | 209 R |
| U  | 3033 | 436 U  |       |
| D  | 1373 | 194 U  | 318 R |

G = Gravity Uplift

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.5"     |
| U  | 9.0"     | 3.4"     |
| D  | 3.5"     | 1.6"     |

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

| Membr                   | CSI  | P    | Lbs | Axl  | CSI-Bnd |
|-------------------------|------|------|-----|------|---------|
| -----Top Chords-----    |      |      |     |      |         |
| A - N                   | 0.63 | 1410 | T   | 0.25 | 0.38    |
| N - O                   | 0.63 | 1619 | T   | 0.25 | 0.38    |
| O - B                   | 0.27 | 365  | C   | 0.00 | 0.27    |
| B - P                   | 0.37 | 1236 | C   | 0.01 | 0.36    |
| P - Q                   | 0.68 | 2945 | C   | 0.17 | 0.51    |
| Q - R                   | 0.47 | 2945 | C   | 0.15 | 0.32    |
| R - C                   | 0.39 | 1851 | C   | 0.02 | 0.37    |
| C - T                   | 0.68 | 1172 | C   | 0.03 | 0.65    |
| -----Bottom Chords----- |      |      |     |      |         |
| A - U                   | 0.42 | 1144 | C   | 0.00 | 0.42    |
| U - K                   | 0.42 | 563  | C   | 0.00 | 0.42    |
| K - G                   | 0.19 | 23   | C   | 0.00 | 0.19    |
| F - E                   | 0.40 | 1307 | T   | 0.13 | 0.27    |
| E - J                   | 0.46 | 1952 | T   | 0.33 | 0.13    |
| J - I                   | 0.41 | 1041 | T   | 0.10 | 0.31    |
| I - D                   | 0.31 | 258  | T   | 0.00 | 0.31    |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 400.2 LBS

| -----Chord-Webs----- |      |      |             |
|----------------------|------|------|-------------|
| G - F                | 0.17 | 74   | T 0.01 0.16 |
| F - P                | 0.96 | 1271 | C 0.77 0.19 |
| -----Webs-----       |      |      |             |
| N - U                | 0.11 | 320  | C           |
| U - O                | 0.62 | 2707 | C 1 Br      |
| O - K                | 0.28 | 1445 | T           |
| K - B                | 0.56 | 1298 | C 1 Br      |
| K - F                | 0.07 | 379  | T           |
| B - F                | 0.36 | 1545 | T           |
| P - E                | 0.46 | 1923 | T           |
| E - Q                | 0.10 | 421  | C           |
| E - R                | 0.23 | 1290 | T           |
| J - R                | 0.58 | 1022 | C           |
| J - C                | 0.35 | 1202 | T           |
| I - C                | 0.17 | 628  | C 1 Br      |
| I - T                | 0.20 | 1084 | T           |
| D - T                | 0.69 | 1311 | C WindLd    |

| TL Defl  | -0.20" | in A - U | L/458 |
|----------|--------|----------|-------|
| LL Defl  | -0.09" | in A - U | L/999 |
| Hz Disp  | LL     | DL       | TL    |
| Jt D     | 0.14"  | 0.21"    | 0.35" |
| Shear // | Grain  | in P - Q | 0.29  |

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI

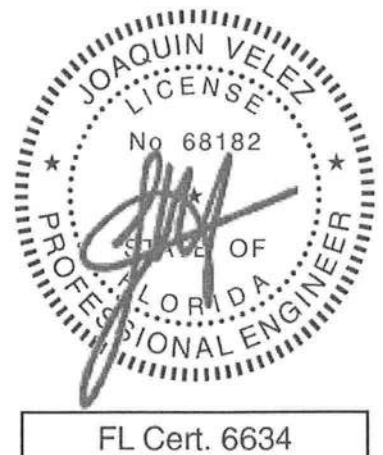
|   |      |          |         |          |
|---|------|----------|---------|----------|
| A | MT20 | 4.0x 6.0 | 0.5 0.4 | 0.40     |
| N | MT20 | 2.0x 4.0 | Ctr Ctr | 0.30     |
| O | MT20 | 5.0x 9.0 | 0.3 0.5 | 0.96     |
| B | MT20 | 7.0x 6.0 | 1.3-4.2 | 0.96     |
| P | MT20 | 3.0x 7.0 | Ctr Ctr | 0.81     |
| Q | MT20 | 5.0x 7.0 | Ctr Ctr | 0.5 0.39 |
| R | MT20 | 3.0x 7.0 | Ctr Ctr | 0.55     |
| C | MT20 | 7.0x 6.0 | 1.3-4.2 | 0.83     |
| T | MT20 | 5.0x 5.0 | Ctr Ctr | 0.53     |
| U | MT20 | 5.0x 5.0 | Ctr Ctr | 0.69     |
| K | MT20 | 5.0x 9.0 | 0.5-0.5 | 0.98     |
| G | MT20 | 2.0x 4.0 | Ctr Ctr | 0.58     |
| F | MT20 | 5.0x 9.0 | Ctr Ctr | 1.6 0.60 |
| E | MT20 | 6.0x 8.0 | Ctr Ctr | 0.7 0.64 |
| J | MT20 | 5.0x 7.0 | 0.2-0.5 | 0.53     |
| I | MT20 | 3.0x 7.0 | Ctr Ctr | 0.48     |
| D | MT20 | 2.0x 4.0 | Ctr Ctr | 0.53     |

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

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

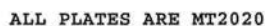
NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0

This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 Truss is designed as  
 Components and Claddings\*  
 for Exterior zone location.  
 Wind Speed: 110 mph  
 Mean Roof Height: 15-0  
 Exposure Category: B  
 Occupancy Factor: 1.00  
 Building Type: Enclosed  
 TC Dead Load: 5.0 psf  
 BC Dead Load: 5.0 psf  
 User-defined wind-exposed BC  
 regions --From-- --To--  
 0- 0- 0 8- 4- 8  
 Max comp. force 2945 Lbs  
 Max tens. force 1952 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.





GLENN



Scale: 0.138" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 338.7 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    | CSI  | -Size- | ----Lumber---- |
|----|------|--------|----------------|
| TC | 0.52 | 2x 4   | SP-#2          |
| BC | 0.40 | 2x 4   | SP-#2          |
| CW | 0.45 | 2x 4   | SP-#2          |
| WB | 0.59 | 2x 4   | SP-#2          |

Brace truss as follows:

|          | O.C.     | From     | To       |
|----------|----------|----------|----------|
| TC Cont. | 0- 0- 0  | 15- 5-12 | 39- 6- 4 |
| TC 24.0" | 15- 5-12 | 39- 6- 4 |          |
| BC Cont. | 0- 0- 0  | 39- 6- 4 |          |

One Continuous Lateral Brace  
Q - M I - B D - C  
Attach CLB with (2)-10d nails  
at each web.

|            |                 |         |               |
|------------|-----------------|---------|---------------|
| psf-Ld     | Dead            | Live    |               |
| TC         | 10.0            | 20.0    |               |
| BC         | 10.0            | 0.0     |               |
| TC+BC      | 20.0            | 20.0    |               |
| Total      | 40.0            |         | Spacing 24.0" |
| Lumber     | Duration Factor |         | 1.25          |
| Plate      | Duration Factor |         | 1.25          |
| TC Fb=1.15 | Fc=1.10         | Ft=1.10 |               |
| BC Fb=1.10 | Fc=1.10         | Ft=1.10 |               |

| Total Load Reactions (Lbs) |      |        |        |   |
|----------------------------|------|--------|--------|---|
| Jt                         | Down | Uplift | Horiz- |   |
| A                          | 18   | 152 U  | 174    | R |
| Q                          | 2143 | 372 U  |        |   |
| D                          | 1129 | 163 U  | 331    | R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.5"     |
| Q  | 9.0"     | 2.4"     |
| D  | 3.5"     | 1.5"     |

```

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

```

```

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

```

|   |    | Top Chords |      |   |      |      |
|---|----|------------|------|---|------|------|
| A | -L | 0.43       | 563  | T | 0.10 | 0.33 |
| L | -M | 0.44       | 769  | T | 0.11 | 0.33 |
| M | -B | 0.26       | 482  | C | 0.00 | 0.26 |
| B | -N | 0.38       | 1105 | C | 0.00 | 0.38 |
| N | -O | 0.52       | 1982 | C | 0.08 | 0.44 |
| O | -P | 0.40       | 1982 | C | 0.02 | 0.38 |
| P | -C | 0.33       | 897  | C | 0.00 | 0.33 |

| Bottom Chords |    |      |      |   |           |
|---------------|----|------|------|---|-----------|
| A             | -Q | 0.40 | 445  | C | 0.00 0.40 |
| Q             | -I | 0.40 | 118  | C | 0.00 0.40 |
| I             | -G | 0.20 | 21   | C | 0.00 0.20 |
| F             | -E | 0.35 | 1171 | T | 0.11 0.24 |
| E             | -H | 0.30 | 943  | T | 0.09 0.21 |
| H             | -D | 0.21 | 288  | T | 0.00 0.21 |

|                |      |        |        |      |
|----------------|------|--------|--------|------|
| G - F          | 0.46 | 73 T   | 0.01   | 0.15 |
| F - N          | 0.45 | 845 C  | 0.33   | 0.12 |
| -----Wabs----- |      |        |        |      |
| L - Q          | 0.10 | 304 C  |        |      |
| Q - M          | 0.41 | 1802 C |        | 1 Br |
| M - I          | 0.16 | 873 T  |        |      |
| I - B          | 0.39 | 912 C  |        | 1 Br |
| I - F          | 0.09 | 516 T  |        |      |
| B - F          | 0.31 | 1154 T |        |      |
| N - E          | 0.22 | 984 T  |        |      |
| E - O          | 0.09 | 397 C  |        |      |
| E - P          | 0.27 | 1305 T |        |      |
| H - P          | 0.59 | 1097 C |        |      |
| H - C          | 0.40 | 1295 T |        |      |
| D - C          | 0.27 | 1081 C | WindLd | 1 Br |

|          |        |         |       |
|----------|--------|---------|-------|
| TL Defl  | -0.19" | in A -Q | L/496 |
| LL Defl  | -0.09" | in A -Q | L/999 |
| Hz Disp  | LL     | DL      | TL    |
| Jt D     | 0.08"  | 0.11"   | 0.19" |
| Shear // | Grain  | in N -O | 0.28  |

| Plates for each ply each face. |      |          |            |      |      |  |
|--------------------------------|------|----------|------------|------|------|--|
| Plate - MT20                   |      | 20 Ga,   | Gross Area |      |      |  |
| Plate - MT2H                   |      | 20 Ga,   | Gross Area |      |      |  |
| Jt                             | Type | Plt Size | X          | Y    | JSI  |  |
| A                              | MT20 | 4.0x 6.0 | 0.5        | 0.4  | 0.36 |  |
| L                              | MT20 | 2.0x 4.0 | Ctr        | Ctr  | 0.30 |  |
| M                              | MT20 | 5.0x 7.0 | 0-7        | 0.2  | 0.80 |  |
| B                              | MT20 | 5.0x 7.0 | 1.6-3.4    | 0.90 |      |  |
| N                              | MT20 | 3.0x 7.0 | Ctr        | Ctr  | 0.42 |  |
| O                              | MT20 | 5.0x 7.0 | Ctr        | 0.5  | 0.39 |  |
| P                              | MT20 | 3.0x 7.0 | Ctr        | Ctr  | 0.56 |  |
| C                              | MT20 | 5.0x 5.0 | Ctr        | Ctr  | 0.48 |  |
| Q                              | MT20 | 4.0x 6.0 | -0.5       | Ctr  | 0.59 |  |
| I                              | MT20 | 5.0x 9.0 | -0.5       | -0.5 | 0.59 |  |
| G                              | MT20 | 2.0x 4.0 | Ctr        | Ctr  | 0.58 |  |
| F                              | MT20 | 5.0x 9.0 | Ctr        | 1.6  | 0.47 |  |
| E                              | MT20 | 6.0x 8.0 | Ctr        | -0.7 | 0.42 |  |
| H                              | MT20 | 3.0x 7.0 | Ctr        | Ctr  | 0.83 |  |
| D                              | MT20 | 2.0x 4.0 | Ctr        | Ctr  | 0.43 |  |

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.

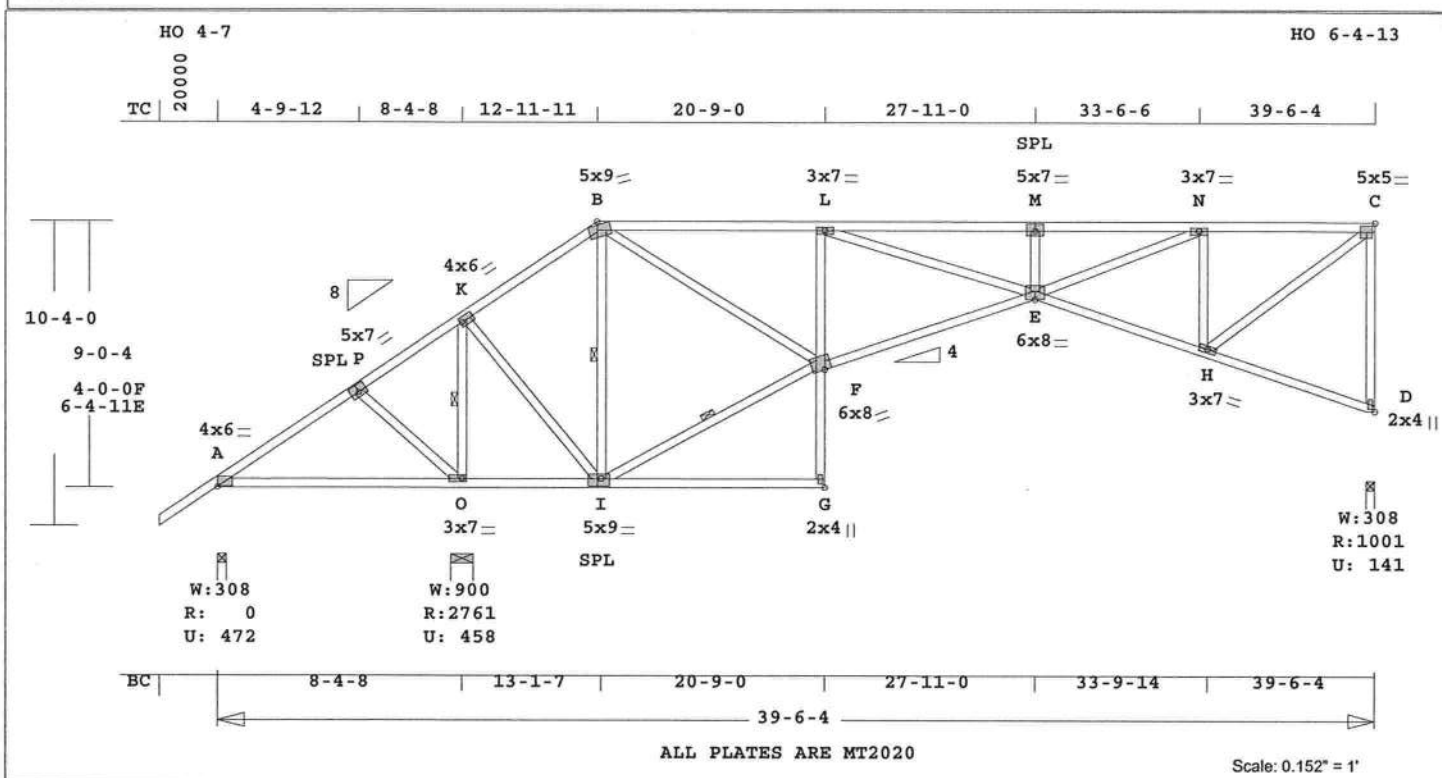
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
Max comp. force 1982 Lbs  
Max tens. force 1305 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634



| Job                   | Mark      | Quan | Type | Span   | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|-----------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>A6</b> | 1    | SP   | 390604 | 8     | 2- 0- 0 | 0        | <b>T3710406</b> |
| <b>GLENN</b>          |           |      |      |        |       |         |          |                 |

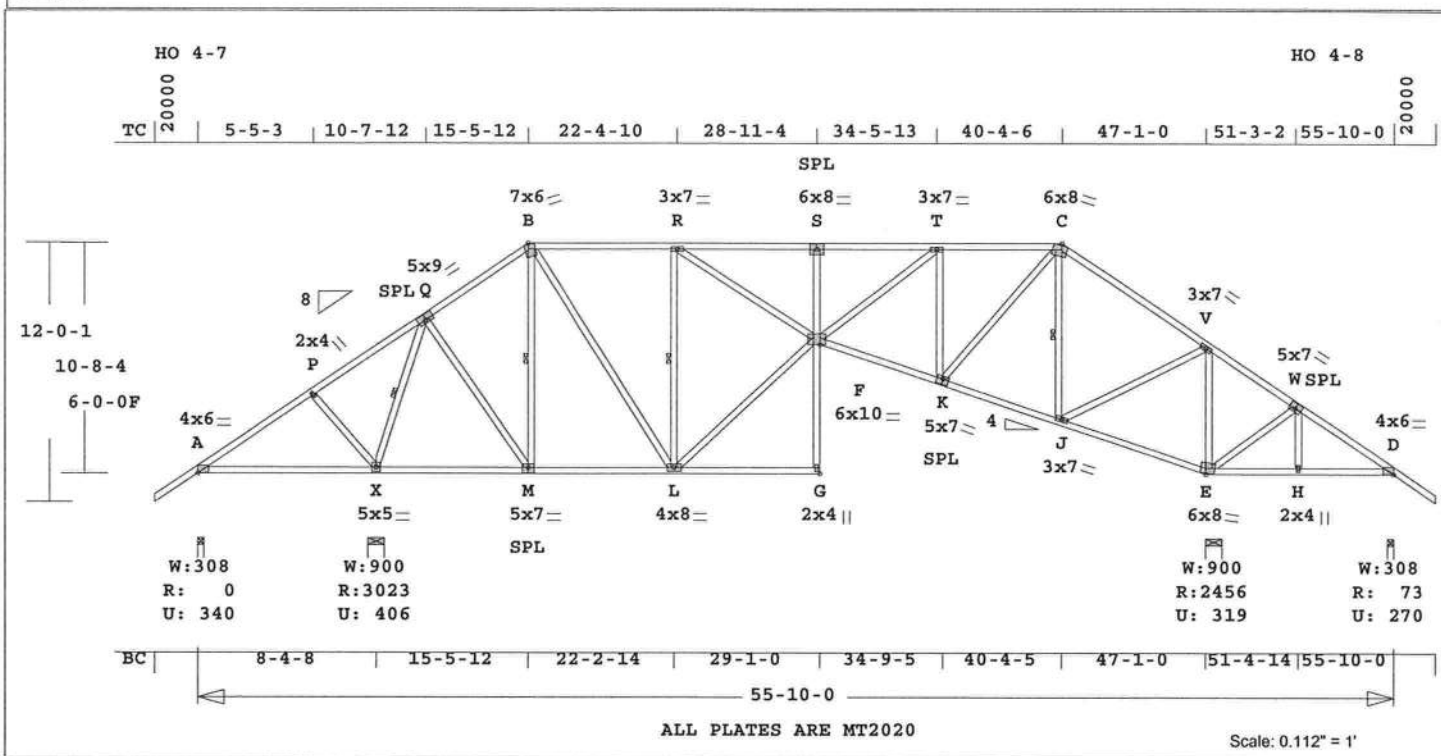


|                                                        |  |                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|--------------------------------------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Online Plus -- Version 26.0.009<br>RUN DATE: 16-APR-10 |  | Robbins Engineering, Inc./Online Plus™<br>APPROX. TRUSS WEIGHT: 316.9 LBS |  | 2- 0- 0 wide<br>will fit between the B.C.<br>and any other member.<br>Design checked for 10 psf non-<br>concurrent LL on BC.<br>Wind Loads - ANSI / ASCE 7-05<br>Truss is designed as<br>Components and Claddings*<br>for Exterior zone location.<br>Wind Speed: 110 mph<br>Mean Roof Height: 15-0<br>Exposure Category: B<br>Occupancy Factor : 1.00<br>Building Type: Enclosed<br>TC Dead Load: 5.0 psf<br>BC Dead Load: 5.0 psf<br>User-defined wind-exposed BC<br>regions --From-- --To--<br>0- 0- 0 8- 4- 8<br>Max comp. force 2787 Lbs<br>Max tens. force 1843 Lbs<br>Connector Plate Fabrication<br>Tolerance = 20%<br>This truss is designed for a<br>creep factor of 1.5 which<br>is used to calculate total<br>load deflection. |  |
| CSI -Size- ---Lumber---                                |  | F -L 0.31 998 C 0.15 0.16                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TC 0.59 2x 4 SP-#2                                     |  | P -O 0.09 276 C                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| BC 0.37 2x 4 SP-#2                                     |  | O -K 0.37 2416 C                                                          |  | 1 Br                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| CW 0.31 2x 4 SP-#2                                     |  | K -I 0.35 1799 T                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| WB 0.55 2x 4 SP-#2                                     |  | I -B 0.36 1178 C                                                          |  | 1 Br                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Brace truss as follows:                                |  | I -F 0.05 168 C                                                           |  | 1 Br                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| O.C. From To                                           |  | B -F 0.50 1376 T                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TC Cont. 0- 0- 0 39- 6- 4                              |  | L -E 0.42 1843 T                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| BC Cont. 0- 0- 0 39- 6- 4                              |  | E -M 0.04 367 C                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| One Continuous Lateral Brace                           |  | E -N 0.33 1823 T                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| O -K I -B I -F                                         |  | H -N 0.29 1033 C                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Attach CLB with (2)-10d nails<br>at each web.          |  | H -C 0.31 1351 T                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                        |  | D -C 0.55 953 C WindLd                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| psf-Ld Dead Live                                       |  | TL Defl -0.22" in A -O L/429                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TC 10.0 20.0                                           |  | LL Defl -0.18" in F -E L/999                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| BC 10.0 0.0                                            |  | Hz Disp LL DL TL                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TC+BC 20.0 20.0                                        |  | Jt D 0.12" 0.18" 0.29"                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Total 40.0 Spacing 24.0"                               |  | Shear // Grain in L -M 0.31                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Lumber Duration Factor 1.25                            |  | Plates for each ply each face.                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Plate Duration Factor 1.25                             |  | Plate - MT20 20 Ga, Gross Area                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| TC Fb=1.15 Fc=1.10 Ft=1.10                             |  | Plate - MT2H 20 Ga, Gross Area                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| BC Fb=1.10 Fc=1.10 Ft=1.10                             |  | Jt Type Plt Size X Y JSI                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Total Load Reactions (Lbs)                             |  | A MT20 4.0x 6.0 0.5 0.4 0.39                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Jt Down Uplift Horiz-                                  |  | P MT20 5.0x 7.0-0.3 0.5 0.37                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| A 473 G 161 R                                          |  | K MT20 4.0x 6.0 Ctr Ctr 0.92                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| O 2762 458 U                                           |  | B MT20 5.0x 9.0 1.1-3.7 0.77                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| D 1001 142 U 271 R                                     |  | L MT20 3.0x 7.0 Ctr Ctr 0.75                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| G = Gravity Uplift                                     |  | M MT20 5.0x 7.0 Ctr Ctr 0.5 0.39                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Jt Brg Size Required                                   |  | N MT20 3.0x 7.0 Ctr Ctr 0.75                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| A 3.5" 1.5"                                            |  | C MT20 5.0x 5.0 Ctr Ctr 0.49                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| O 9.0" 3.1"                                            |  | O MT20 3.0x 7.0 Ctr Ctr 0.61                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| D 3.5" 1.5"                                            |  | I MT20 5.0x 9.0 0.5-0.5 0.68                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Plus 9 Wind Load Case(s)                               |  | G MT20 2.0x 4.0 Ctr Ctr 0.58                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Plus 1 UBC LL Load Case(s)                             |  | F MT20 6.0x 8.0 Ctr Ctr 0.7 0.81                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Plus 1 DL Load Case(s)                                 |  | E MT20 6.0x 8.0 Ctr Ctr 0.7 0.69                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Membr CSI P Lbs Axl-CSI-Bnd                            |  | H MT20 3.0x 7.0 Ctr Ctr 0.73                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| -----Top Chords-----                                   |  | D MT20 2.0x 4.0 Ctr Ctr 0.38                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| A -P 0.53 1388 T 0.24 0.29                             |  | REVIEWED BY:                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| P -K 0.54 1595 T 0.25 0.29                             |  | Robbins Engineering, Inc.                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| K -B 0.24 189 T 0.03 0.21                              |  | 6904 Parke East Blvd.                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| B -L 0.54 1009 C 0.00 0.54                             |  | Tampa, FL 33610                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| L -M 0.59 2786 C 0.05 0.54                             |  | REFER TO ROBBINS ENG. GENERAL                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| M -N 0.40 2787 C 0.05 0.35                             |  | NOTES AND SYMBOLS SHEET FOR                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| N -C 0.35 1083 C 0.00 0.35                             |  | ADDITIONAL SPECIFICATIONS.                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| -----Bottom Chords-----                                |  | NOTES:                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| A -O 0.33 1124 C 0.01 0.32                             |  | Trusses Manufactured by:                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| O -I 0.32 1332 C 0.00 0.32                             |  | Mayo Truss Co. Inc.                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| I -G 0.31 21 C 0.00 0.31                               |  | Analysis Conforms To:                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| F -E 0.37 1072 T 0.10 0.27                             |  | FBC2007                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| E -H 0.32 1138 T 0.11 0.21                             |  | TPI 2002                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| H -D 0.21 238 T 0.00 0.21                              |  | OH Loading                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| -----Chord-Webs-----                                   |  | Soffit psf 2.0                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| G -F 0.15 126 T 0.01 0.14                              |  | This truss has been designed                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                        |  | for 20.0 psf LL on the B.C.                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                        |  | in areas where a rectangle                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                        |  | 3- 6- 0 tall by                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |



|                              |                   |                  |                   |                       |                   |                           |                            |                                |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>A7</b> | Quan<br><b>7</b> | Type<br><b>SP</b> | Span<br><b>551000</b> | Pl-Hl<br><b>8</b> | Left OH<br><b>2- 0- 0</b> | Right OH<br><b>2- 0- 0</b> | Engineering<br><b>T3710407</b> |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|

GLENN



ALL PLATES ARE MT2020

Scale: 0.112" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.58 2x 4 SP-#2  
BC 0.72 2x 4 SP-#2  
CW 0.08 2x 4 SP-#2  
WB 1.00 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 15- 5-12  
TC 24.0\"

One Continuous Lateral Brace  
X-Q M-B L-R J-C  
Attach CLB with (2)-10d nails  
at each web.

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 340 G 255 R  
X 3023 406 U  
E 2456 320 U  
D 74 270 U 254 R  
G = Gravity Uplift

Jt Brg Size Required  
A 3.5\"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -P 0.58 1173 T 0.21 0.37  
P -Q 0.58 1381 T 0.21 0.37  
Q -B 0.23 522 C 0.00 0.23  
B -R 0.43 955 C 0.00 0.43  
R -S 0.47 2546 C 0.04 0.43  
S -T 0.35 2551 C 0.04 0.31  
T -C 0.35 1445 C 0.01 0.34

Robbins Engineering, Inc./Online Plus™

C-V 0.42 649 C 0.01 0.41  
V-W 0.57 971 T 0.17 0.40  
W-D 0.25 503 T 0.09 0.16  
-----Bottom Chords-----  
A-X 0.41 949 C 0.00 0.41  
X-M 0.41 391 C 0.00 0.41  
M-L 0.40 434 T 0.07 0.33  
L-G 0.30 4 T 0.00 0.30  
F-K 0.39 1519 T 0.25 0.14  
K-J 0.23 576 T 0.05 0.18  
J-E 0.68 816 C 0.01 0.67  
E-H 0.72 411 C 0.00 0.72  
H-D 0.34 411 C 0.00 0.34

-----Chord-Webs-----  
G-F 0.07 119 T 0.02 0.05  
F-S 0.08 370 C 0.00 0.08

-----Webs-----  
P-X 0.11 317 C  
X-Q 0.60 2624 C 1 Br  
Q-M 0.26 1412 T  
M-B 0.37 859 C 1 Br  
B-L 0.76 968 T  
L-R 0.63 1453 C 1 Br  
L-F 0.23 1283 T  
R-P 0.35 1895 T  
F-T 0.25 1391 T  
K-T 0.69 1155 C  
K-C 0.33 1347 T  
J-C 0.28 1026 C 1 Br  
J-V 0.26 1436 T  
E-V 1.00 1906 C  
E-W 0.18 464 C  
H-W 0.05 308 T

TL Defl -0.19\"

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI

A MT20 4.0x 6.0 0.5 0.4 0.36  
P MT20 2.0x 4.0 Ctr Ctr 0.30  
Q MT20 5.0x 9.0-0.3 0.5 0.95  
B MT20 7.0x 6.0 1.3-4.2 0.59  
R MT20 3.0x 7.0 Ctr Ctr 0.81  
S MT20 6.0x 8.0 Ctr Ctr 0.39  
T MT20 3.0x 7.0 Ctr Ctr 0.61  
C MT20 6.0x 8.0-1.2-4.0 0.61  
V MT20 3.0x 7.0 Ctr Ctr 0.78  
W MT20 5.0x 7.0 0.3 0.5 0.40  
D MT20 4.0x 6.0-0.6 0.4 0.36  
X MT20 5.0x 5.0 Ctr Ctr 0.66  
M MT20 5.0x 7.0 Ctr-0.5 0.59  
L MT20 4.0x 8.0 Ctr Ctr 0.65

APPROX. TRUSS WEIGHT: 475.9 LBS

G MT20 2.0x 4.0 Ctr Ctr 0.58  
F MT20 6.0x10.0 Ctr 1.2 0.54  
K MT20 5.0x 7.0-0.2-0.5 0.63  
J MT20 3.0x 7.0 Ctr Ctr 0.65  
E MT20 6.0x 8.0 1.1 3.6 0.49  
H MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
47- 1- 0 55-10- 0  
Max comp. force 2624 Lbs  
Max tens. force 1895 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

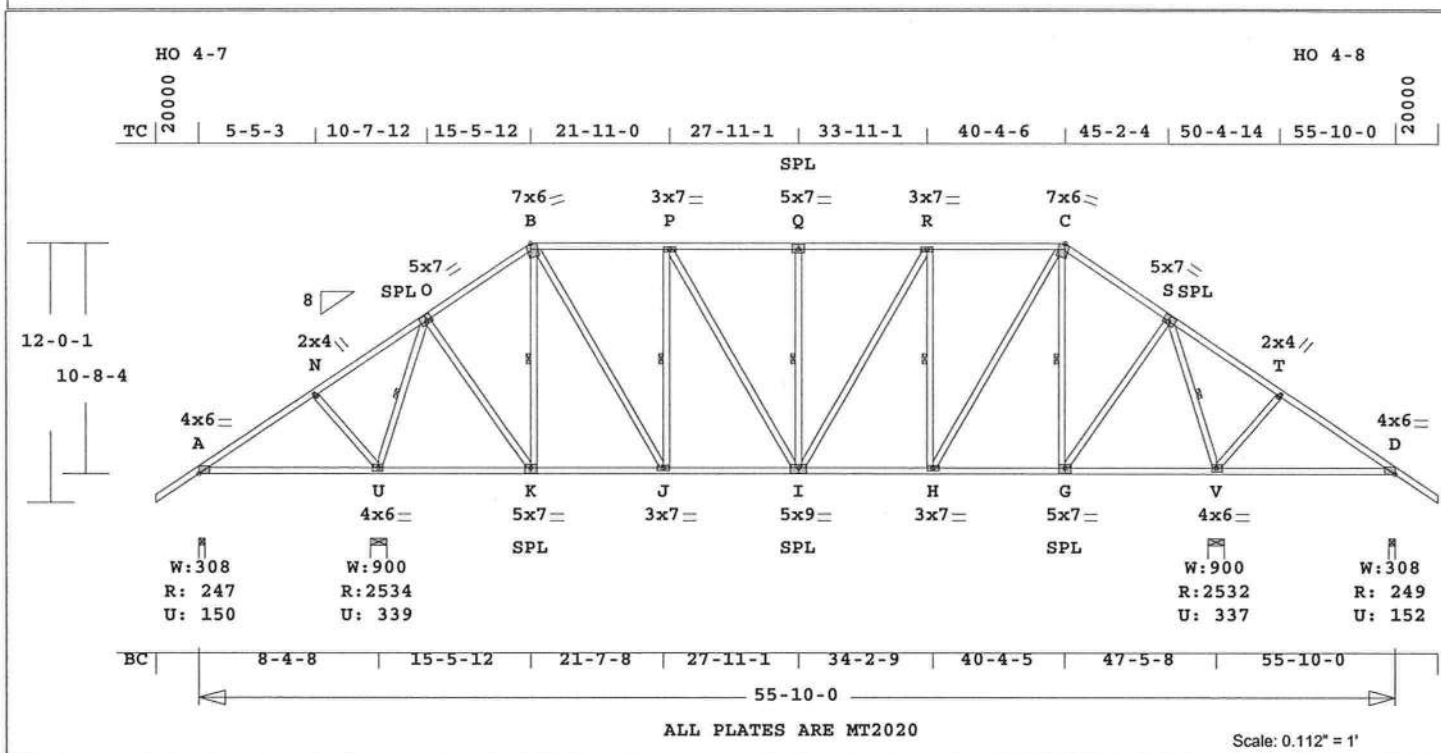


FL Cert. 6634



|                              |                   |                  |                   |                       |                   |                           |                            |                                |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>A9</b> | Quan<br><b>4</b> | Type<br><b>SP</b> | Span<br><b>551000</b> | Pl-H1<br><b>8</b> | Left OH<br><b>2- 0- 0</b> | Right OH<br><b>2- 0- 0</b> | Engineering<br><b>T3710409</b> |
|------------------------------|-------------------|------------------|-------------------|-----------------------|-------------------|---------------------------|----------------------------|--------------------------------|

GLENN



Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.37 2x 4 SP-#2  
BC 0.52 2x 4 SP-#2  
WB 0.70 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 15- 5-12  
TC 24.0" 15- 5-12 40- 4- 6  
TC Cont. 40- 4- 6 55-10- 0  
BC Cont. 0- 0- 0 55-10- 0

One Continuous Lateral Brace  
U-O K-B J-P I-Q  
H-R G-C S-V  
Attach CLB with (2)-10d nails  
at each web.

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz  
A 248 151 U 253 R  
U 2534 339 U  
V 2532 337 U  
D 249 152 U 253 R

Jt Brg Size Required  
A 3.5" 1.5"  
U 9.0" 2.9"  
V 9.0" 2.9"  
D 3.5" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A-N 0.35 156 T 0.03 0.32  
N-O 0.36 358 T 0.04 0.32  
O-B 0.23 1160 C 0.01 0.22  
B-P 0.37 1523 C 0.01 0.36  
P-Q 0.37 1693 C 0.01 0.36  
Q-R 0.37 1693 C 0.01 0.36  
R-C 0.37 1523 C 0.01 0.36  
C-S 0.23 1160 C 0.01 0.22  
S-T 0.36 355 T 0.04 0.32  
T-D 0.35 155 T 0.03 0.32  
-----Bottom Chords-----  
A-U 0.38 114 C 0.00 0.38  
U-K 0.42 319 T 0.05 0.37  
K-J 0.47 966 T 0.16 0.31  
J-I 0.52 1523 T 0.25 0.27

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 491.6 LBS

I-H 0.52 1523 T 0.25 0.27  
H-G 0.47 966 T 0.16 0.31  
G-V 0.42 321 T 0.05 0.37  
V-D 0.38 114 C 0.00 0.38

-----Webs-----  
N-U 0.10 298 C  
U-O 0.49 2138 C 1 Br  
O-K 0.20 1106 T  
K-B 0.27 620 C 1 Br  
B-J 0.70 1093 T  
J-P 0.29 672 C 1 Br  
P-I 0.20 333 T  
I-Q 0.15 360 C 1 Br  
I-R 0.19 332 T  
H-R 0.29 672 C 1 Br  
H-C 0.69 1093 T  
G-C 0.27 620 C 1 Br  
G-S 0.20 1105 T  
S-V 0.49 2136 C 1 Br  
V-T 0.10 298 C

TL Defl -0.18" in V-D L/525  
LL Defl -0.08" in V-D L/999  
Shear // Grain in B-P 0.25

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 4.0x 6.0 0.5 0.4 0.36  
N MT20 2.0x 4.0 Ctr Ctr 0.29  
O MT20 5.0x 7.0-0.7 0.2 0.95  
B MT20 7.0x 6.0 1.3-4.2 0.66  
P MT20 3.0x 7.0 Ctr Ctr 0.31  
Q MT20 5.0x 7.0 Ctr 0.5 0.39  
R MT20 3.0x 7.0 Ctr Ctr 0.31  
C MT20 7.0x 6.0-1.3-4.2 0.68  
S MT20 5.0x 7.0 0.7 0.2 0.92  
T MT20 2.0x 4.0 Ctr Ctr 0.29  
D MT20 4.0x 6.0-0.6 0.4 0.36  
U MT20 4.0x 6.0-0.5 Ctr 0.70  
K MT20 5.0x 7.0 Ctr-0.5 0.46  
J MT20 3.0x 7.0 Ctr Ctr 0.71  
I MT20 5.0x 9.0 Ctr-0.5 0.42  
H MT20 3.0x 7.0 Ctr Ctr 0.71  
G MT20 5.0x 7.0 Ctr-0.5 0.46  
V MT20 4.0x 6.0 0.5 Ctr 0.70

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

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

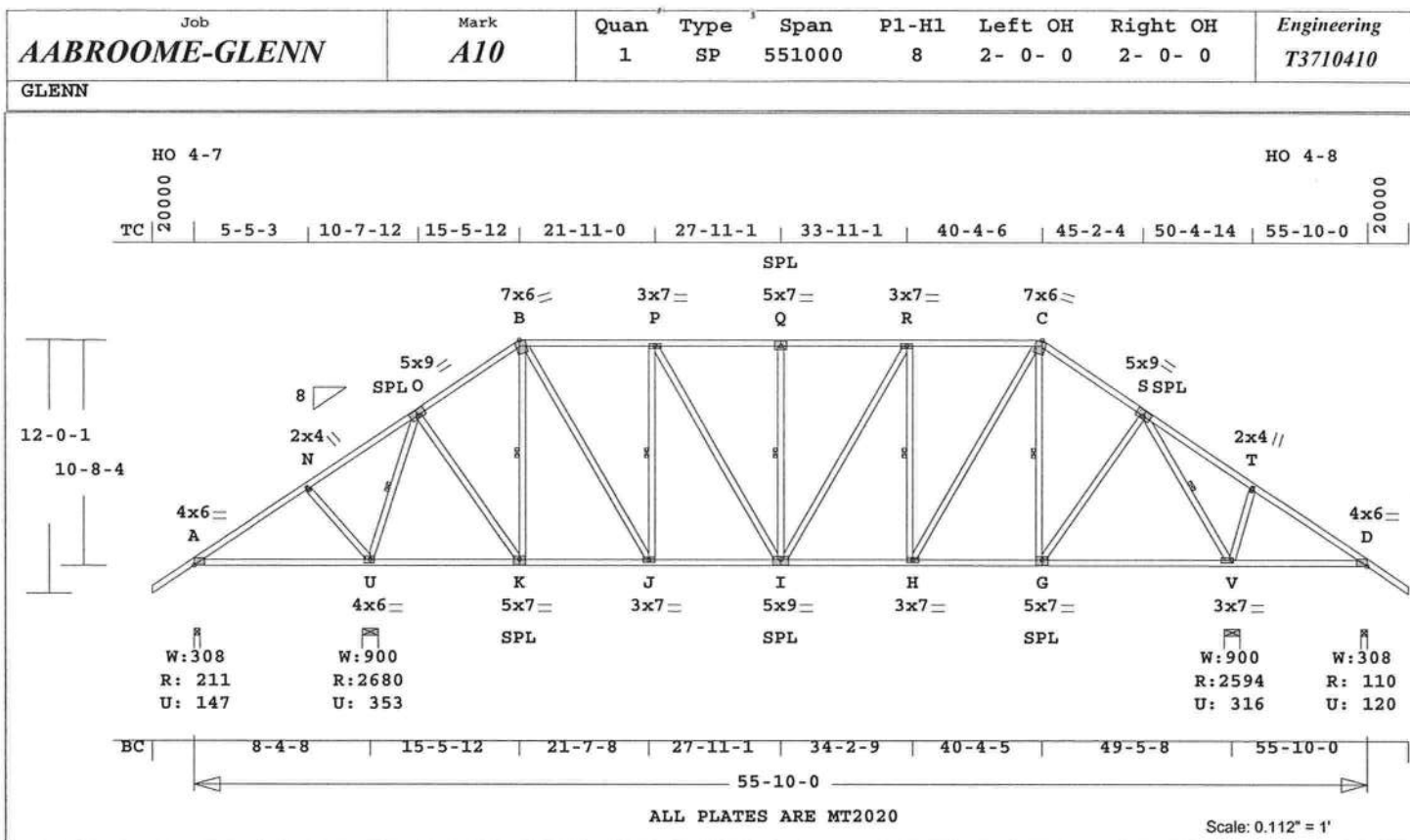
NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor: 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
47- 5- 8 55-10- 0  
Max comp. force 2138 Lbs  
Max tens. force 1523 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634





Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.39 2x 4 SP-#2  
BC 0.71 2x 4 SP-#2  
WB 0.76 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 15- 5-12  
TC 24.0" 15- 5-12 40- 4- 6  
TC Cont. 40- 4- 6 55-10- 0  
BC Cont. 0- 0- 0 55-10- 0

One Continuous Lateral Brace  
U-O K-B J-P I-Q  
H-R G-C S-V  
Attach CLB with (2)-10d nails  
at each web.

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz  
A 212 148 U 253 R  
U 2681 354 U  
V 2595 317 U  
D 110 121 U 253 R

Jt Brg Size Required  
A 3.5" 1.5"  
U 9.0" 3.0"  
V 9.0" 2.9"  
D 3.5" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A-N 0.37 214 T 0.05 0.32  
N-O 0.37 420 T 0.05 0.32  
O-B 0.23 1218 C 0.01 0.22  
B-P 0.37 1637 C 0.01 0.36  
P-Q 0.38 1873 C 0.02 0.36  
Q-R 0.39 1873 C 0.02 0.37  
R-C 0.38 1767 C 0.01 0.37  
C-S 0.22 1541 C 0.07 0.15  
S-T 0.36 402 T 0.05 0.31  
T-D 0.37 323 T 0.06 0.31  
-----Bottom Chords-----  
A-U 0.38 160 C 0.00 0.38  
U-K 0.43 312 T 0.05 0.38  
K-J 0.48 1015 T 0.17 0.31  
J-I 0.53 1637 T 0.27 0.26

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 491.3 LBS

I-H 0.54 1767 T 0.29 0.25  
H-G 0.71 1285 T 0.21 0.50  
G-V 0.65 838 T 0.14 0.51  
V-D 0.51 257 C 0.00 0.51

-----Webs-----  
N-U 0.10 299 C  
U-O 0.52 2289 C 1 Br  
O-K 0.22 1203 T  
K-B 0.30 698 C 1 Br  
B-J 0.76 1220 T  
J-P 0.34 784 C 1 Br  
P-I 0.26 463 T  
I-Q 0.15 359 C 1 Br  
I-R 0.12 208 T  
H-R 0.24 571 C 1 Br  
H-C 0.63 946 T  
G-C 0.12 283 C 1 Br  
G-S 0.14 775 T  
S-V 0.64 2325 C 1 Br  
V-T 0.07 303 C

TL Defl -0.18" in A-U L/523  
LL Defl -0.08" in A-U L/999  
Shear // Grain in R-C 0.26

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 4.0x 6.0 0.5 0.4 0.36  
N MT20 2.0x 4.0 Ctr Ctr 0.29  
O MT20 5.0x 9.0-0.3 0.5 0.83  
B MT20 7.0x 6.0 1.3-4.2 0.74  
P MT20 3.0x 7.0 Ctr Ctr 0.31  
Q MT20 5.0x 7.0 Ctr 0.5 0.39  
R MT20 3.0x 7.0 Ctr Ctr 0.31  
C MT20 7.0x 6.0-1.3-4.2 0.59  
S MT20 5.0x 9.0 0.3 0.5 0.88  
T MT20 2.0x 4.0 Ctr Ctr 0.30  
D MT20 4.0x 6.0-0.6 0.4 0.36  
U MT20 4.0x 6.0-0.5 Ctr 0.75  
K MT20 5.0x 7.0 Ctr-0.5 0.50  
J MT20 3.0x 7.0 Ctr Ctr 0.80  
I MT20 5.0x 9.0 Ctr-0.5 0.42  
H MT20 3.0x 7.0 Ctr Ctr 0.62  
G MT20 5.0x 7.0 Ctr-0.5 0.40  
V MT20 3.0x 7.0-1.0 Ctr 0.95

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.

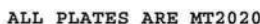
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
49- 5- 8 55-10- 0  
Max comp. force 2325 Lbs  
Max tens. force 1767 Lbs  
Connector Plate Fabrication  
Tolerance = 20%

This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



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GLENN



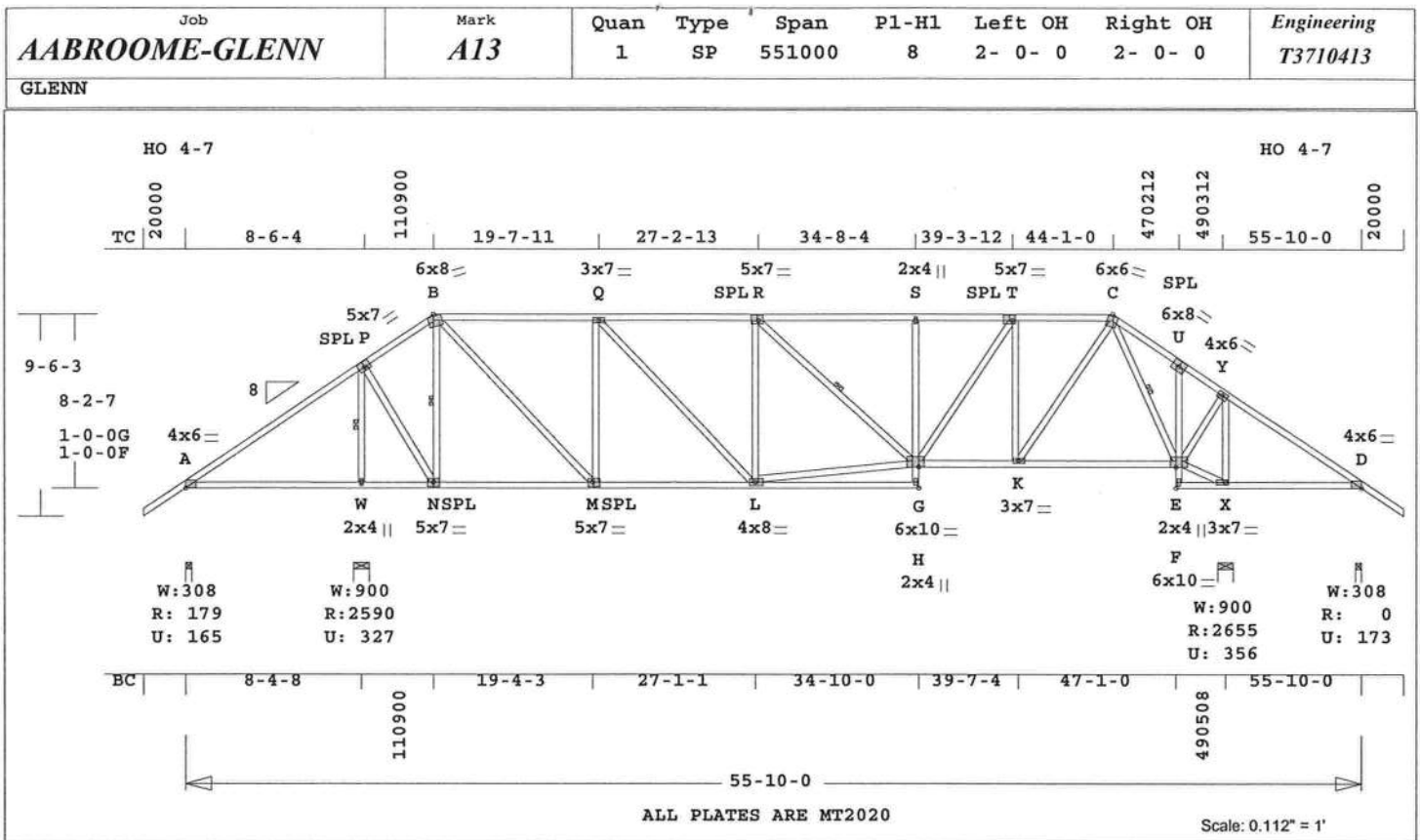
Scale: 0.112" = 1'

April 16, 2010



FL Cert. 6634





Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.72 2x 4 SP-#2  
BC 0.69 2x 4 SP-#2  
CW 0.32 2x 4 SP-#2  
WB 0.93 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 55-10- 0  
BC Cont. 0- 0- 0 55-10- 0  
One Continuous Lateral Brace  
W-P N-B R-G C-F  
Attach CLB with (2)-10d nails  
at each web.

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz  
A 179 165 U 192 R  
W 2591 328 U  
X 2655 357 U  
D 173 G 192 R  
G = Gravity Uplift

Jt Brg Size Required  
A 3.5" 1.5"  
W 9.0" 2.9"  
X 9.0" 3.0"  
D 3.5" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A-P 0.72 433 T 0.09 0.63  
P-B 0.63 606 C 0.00 0.63  
B-Q 0.56 1640 C 0.01 0.55  
Q-R 0.57 2028 C 0.02 0.55  
R-S 0.55 2019 C 0.02 0.53  
S-T 0.42 2023 C 0.02 0.40  
T-C 0.38 1530 C 0.01 0.37  
C-U 0.28 286 T 0.00 0.28  
U-Y 0.36 223 T 0.00 0.36

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Y-D 0.52 900 T 0.16 0.36  
-----Bottom Chords-----  
A-W 0.49 345 C 0.00 0.49  
W-N 0.49 345 C 0.00 0.49  
N-M 0.49 472 T 0.07 0.42  
M-L 0.69 1640 T 0.27 0.42  
L-H 0.36 109 T 0.00 0.36  
G-K 0.54 1530 T 0.25 0.29  
K-F 0.54 734 T 0.12 0.42  
E-X 0.29 157 C 0.00 0.29  
X-D 0.31 735 C 0.00 0.31

-----Chord-Webs-----  
H-G 0.23 121 T 0.01 0.22  
G-S 0.15 399 C 0.09 0.06  
E-F 0.32 72 T 0.00 0.32  
F-U 0.14 186 C 0.00 0.14

-----Webs-----  
W-P 0.35 2293 C 1 Br  
P-N 0.27 1514 T  
N-B 0.29 1123 C 1 Br  
B-M 0.93 1679 T  
M-Q 0.84 877 C  
Q-L 0.33 560 T  
L-R 0.43 455 C  
L-G 0.42 1935 T  
R-G 0.01 50 T 1 Br  
G-T 0.33 868 T  
K-T 0.67 918 C  
K-C 0.43 1391 T  
C-F 0.32 1378 C 1 Br  
F-Y 0.28 1547 T  
F-X 0.07 634 C  
X-Y 0.64 2192 C

TL Defl -0.31" in A-W L/296  
LL Defl -0.16" in A-W L/565  
Shear // Grain in B-Q 0.31

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 4.0x 6.0 0.5 0.4 0.36  
P MT20 5.0x 7.0 0.3 0.5 0.88  
B MT20 6.0x 8.0 1.2 4.0 0.74  
Q MT20 3.0x 7.0 Ctr Ctr 0.28  
R MT20 5.0x 7.0 Ctr 0.5 0.39  
S MT20 2.0x 4.0 Ctr Ctr 0.34  
T MT20 5.0x 7.0 Ctr 0.5 0.62  
C MT20 6.0x 6.0 0.7 4.0 0.45  
U MT20 6.0x 8.0 Ctr 0.1 0.37  
Y MT20 4.0x 6.0 Ctr Ctr 0.85  
D MT20 4.0x 6.0 0.5 0.4 0.36  
W MT20 2.0x 4.0 Ctr Ctr 0.59  
N MT20 5.0x 7.0 Ctr 0.5 0.69  
M MT20 5.0x 7.0 Ctr 0.5 0.70  
L MT20 4.0x 8.0 0.5 Ctr 0.80  
H MT20 2.0x 4.0 Ctr Ctr 0.58

APPROX. TRUSS WEIGHT: 467.3 LBS

G MT20 6.0x10.0 Ctr 1.2 0.37  
K MT20 3.0x 7.0 0.5 Ctr 0.87  
F MT20 6.0x10.0 Ctr 1.3 0.51  
E MT20 2.0x 4.0 Ctr Ctr 0.58  
X MT20 3.0x 7.0 Ctr Ctr 0.55

REVIEWED BY:  
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6904 Parke East Blvd.  
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REFER TO ROBBINS ENG. GENERAL  
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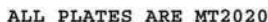
NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
49- 5- 8 55-10- 0  
Max comp. force 2293 Lbs  
Max tens. force 1935 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634



GLENN



Scale: 0.143" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    | CSI  | -Size- | ----Lumber---- |
|----|------|--------|----------------|
| TC | 0.68 | 2x 4   | SP-#2          |
| BC | 0.57 | 2x 4   | SP-#2          |
| WB | 0.85 | 2x 4   | SP-#2          |

Brace truss as follows:

|          | O.C. | From  | To  |
|----------|------|-------|-----|
| TC Cont. | 0-0  | 0 39- | 6-4 |
| BC Cont. | 0-0  | 0 39- | 6-4 |

One Continuous Lateral Brace  
H-L D-C

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

|            |          |         |               |
|------------|----------|---------|---------------|
| psf-Ld     | Dead     | Live    |               |
| TC         | 10.0     | 20.0    |               |
| BC         | 10.0     | 0.0     |               |
| TC+BC      | 20.0     | 20.0    |               |
| Total      | 40.0     |         | Spacing 24.0* |
| Lumber     | Duration | Factor  | 1.25          |
| Plate      | Duration | Factor  | 1.25          |
| TC Fb=1.15 | Fc=1.10  | Ft=1.10 |               |
| BC Fb=1.10 | Fc=1.10  | Ft=1.10 |               |

| Total Load Reactions (Lbs) |      |        |        |
|----------------------------|------|--------|--------|
| Jt                         | Down | Uplift | Horiz- |
| A                          | 350  | 151 U  | 124 R  |
| N                          | 2045 | 293 U  |        |
| D                          | 1498 | 172 U  | 250 R  |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.5"     |
| N  | 9.0"     | 2.3"     |
| D  | 3.5"     | 1.8"     |

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

```

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

```

| Top Chords    |    |      |      |   |      |      |
|---------------|----|------|------|---|------|------|
| A             | -J | 0.68 | 127  | T | 0.04 | 0.64 |
| J             | -B | 0.64 | 447  | C | 0.00 | 0.64 |
| B             | -K | 0.52 | 1294 | C | 0.01 | 0.51 |
| K             | -L | 0.52 | 1294 | C | 0.01 | 0.51 |
| L             | -M | 0.59 | 1587 | C | 0.01 | 0.58 |
| M             | -C | 0.59 | 1196 | C | 0.01 | 0.58 |
| Bottom Chords |    |      |      |   |      |      |
| A             | -N | 0.52 | 98   | C | 0.00 | 0.52 |
| N             | -E | 0.52 | 98   | C | 0.00 | 0.52 |
| E             | -H | 0.34 | 307  | T | 0.05 | 0.29 |
| H             | -G | 0.55 | 1587 | T | 0.26 | 0.29 |
| G             | -F | 0.57 | 1196 | T | 0.20 | 0.37 |
| F             | -D | 0.37 | 196  | T | 0.00 | 0.37 |

|   |    | -----Webs----- |                    |
|---|----|----------------|--------------------|
| N | -J | 0.85           | 1725 C             |
| J | -E | 0.19           | 1044 T             |
| E | -B | 0.66           | 867 C              |
| B | -H | 0.61           | 1375 T             |
| H | -K | 0.35           | 458 C              |
| H | -L | 0.16           | 410 C              |
| G | -L | 0.09           | 196 T              |
| G | -M | 0.27           | 547 T              |
| F | -M | 0.66           | 871 C              |
| F | -C | 0.76           | 1677 T             |
| D | -C | 0.29           | 1355 C WindLd 1 Br |

|          |        |      |    |       |
|----------|--------|------|----|-------|
| TL Defl  | -0.28" | in A | -N | L/329 |
| LL Defl  | -0.15" | in A | -N | L/634 |
| Shear // | Grain  | in M | -C | 0.33  |

| Plates for each ply each face. |      |        |            |         |      |      |
|--------------------------------|------|--------|------------|---------|------|------|
| Plate - MT20                   |      | 20 Ga, | Gross Area |         |      |      |
| Plate - MT2H                   |      | 20 Ga, | Gross Area |         |      |      |
| Jt                             | Type | Plt    | Size       | X       | Y    | JSI  |
| A                              | MT20 | 4.0x   | 6.0        | 0.5     | 0.4  | 0.36 |
| J                              | MT20 | 3.0x   | 7.0        | Ctr     | Ctr  | 0.83 |
| B                              | MT20 | 7.0x   | 6.0        | 1.3-4.2 | 0.93 |      |
| K                              | MT20 | 2.0x   | 4.0        | Ctr     | Ctr  | 0.34 |
| L                              | MT20 | 5.0x   | 7.0        | Ctr     | 0.5  | 0.39 |
| M                              | MT20 | 3.0x   | 7.0        | Ctr     | Ctr  | 0.26 |
| C                              | MT20 | 5.0x   | 5.0        | Ctr     | Ctr  | 0.62 |
| N                              | MT20 | 2.0x   | 4.0        | Ctr     | Ctr  | 0.44 |
| E                              | MT20 | 5.0x   | 7.0        | Ctr-0.5 | 0.58 |      |
| H                              | MT20 | 4.0x   | 8.0        | Ctr     | Ctr  | 0.70 |
| G                              | MT20 | 5.0x   | 7.0        | Ctr-0.5 | 0.39 |      |
| F                              | MT20 | 3.0x   | 7.0        | 0.5     | Ctr  | 0.81 |
| D                              | MT20 | 2.0x   | 4.0        | Ctr     | Ctr  | 0.48 |

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.

and any other member.  
Design checked for 10 psf non-concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 8- 4- 8  
Max comp. force 1725 Lbs  
Max tens. force 1677 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

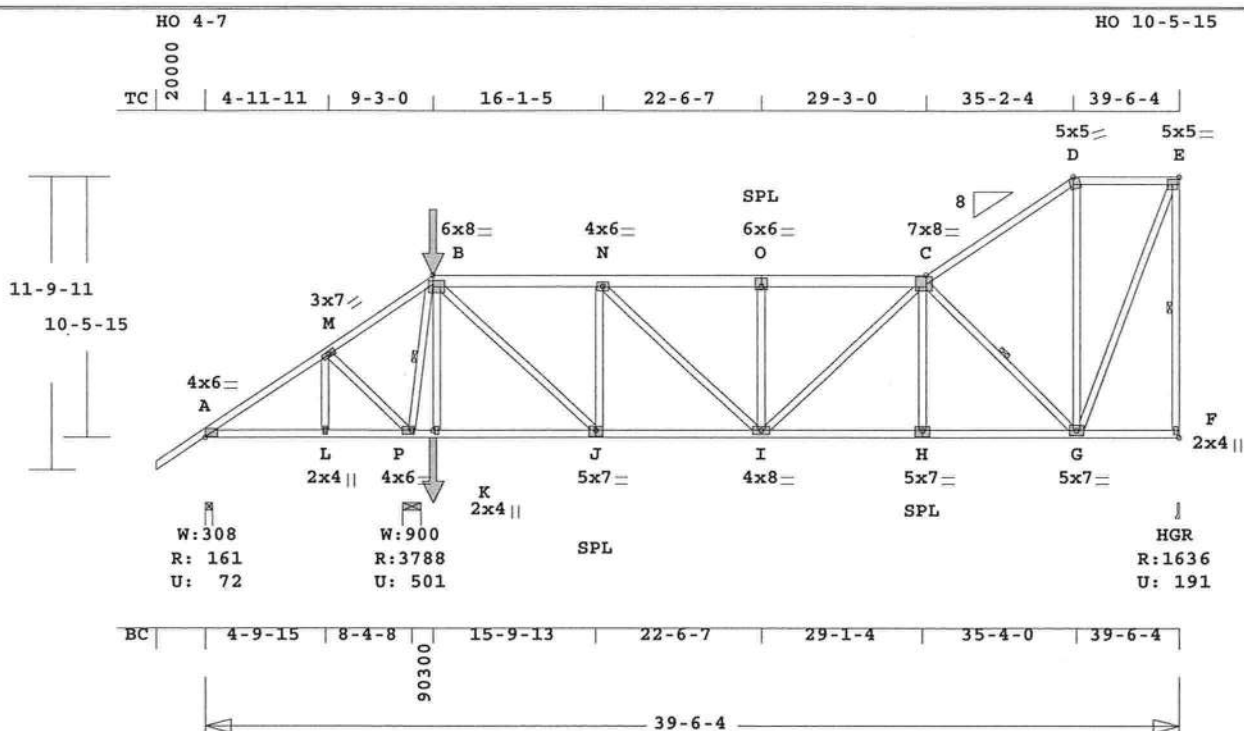


FL Cert. 6634



| Job                   | Mark          | Quan | Type | Span   | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|---------------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>A16GIR</b> | 1    | SP   | 390604 | 8     | 2- 0- 0 | 0        | <b>T3710416</b> |

GLENN



ALL PLATES ARE MT2020

Scale: 0.128" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

Robbins Engineering, Inc./Online Plus™  
Plus 1 DL Load Case(s)

APPROX. TRUSS WEIGHT: 370.0 LBS

H MT20 5.0x 7.0 Ctr-0.5 0.42  
G MT20 5.0x 7.0 Ctr Ctr 0.88  
F MT20 2.0x 4.0 Ctr Ctr 0.55

CSI -Size- Lumber---  
TC 0.53 2x 4 SP-#2  
-- 0.49 2x 6 SP-#2  
B -O O -C  
BC 0.79 2x 4 SP-#2  
WB 0.89 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 39- 6- 4  
BC Cont. 0- 0- 0 39- 6- 4  
One Continuous Lateral Brace  
P -B C -G F -E  
Attach CLB with (2)-10d nails  
at each web.

psf-Ld Dead Live  
TC 10.0 20.0  
BC 10.0 0.0  
TC+BC 20.0 20.0  
Total 40.0 Spacing 24.0"  
Lumber Duration Factor 1.25  
Plate Duration Factor 1.25  
TC Fb=1.00 Fc=1.00 Ft=1.00  
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 162 72 U 181 R  
P 3789 501 U  
F 1637 191 U 365 R

Jt Brg Size Required  
A 3.5" 1.5"  
P 9.0" 4.3"  
F 3.5" 1.9"

LC# 1 BCLS Loading  
Dur Fctrs - Lbr 1.25 Plt 1.25  
plf - Dead Live\* From To  
TC V 20 40 0.0' 39.5'  
BC V 20 0 0.0' 39.5'  
TC V 25 50 9.2' 20.0'  
BC V 25 0 9.2' 20.0'  
BC V 0 40 9.5' 11.8'  
BC V 0 40 16.1' 18.4'  
BC V 0 40 26.7' 29.0'  
BC V 0 40 29.2' 31.5'  
BC V 0 40 37.0' 39.2'  
TC V 152 152 9.2' CL-LB  
BC V 214 214 9.2' CL-LB

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -M 0.51 304 T 0.07 0.44  
M -B 0.53 575 T 0.09 0.44  
B -N 0.49 1861 C 0.01 0.48  
N -O 0.43 2229 C 0.01 0.42  
O -C 0.35 2229 C 0.01 0.34  
C -D 0.50 674 C 0.00 0.50  
D -E 0.22 574 C 0.00 0.22

-----Bottom Chords-----  
A -L 0.11 230 C 0.00 0.11  
L -P 0.31 230 C 0.00 0.31  
P -K 0.31 105 T 0.00 0.31  
K -J 0.50 106 T 0.01 0.49  
J -I 0.79 1861 T 0.34 0.45  
I -H 0.59 1943 T 0.35 0.24  
H -G 0.59 1943 T 0.35 0.24  
G -F 0.17 287 T 0.00 0.17

-----Webs-----  
L -M 0.02 148 T  
M -P 0.13 395 C  
P -B 0.61 3455 C 1 Br  
K -B 0.11 670 T  
B -J 0.89 2428 T  
J -N 0.68 1214 C  
N -I 0.15 503 T  
I -O 0.24 425 C  
O -C 0.17 385 T  
H -C 0.05 280 T  
C -G 0.58 1890 C 1 Br  
G -D 0.05 123 T  
G -E 0.82 1560 T  
F -E 0.65 1550 C WindLd 1 Br

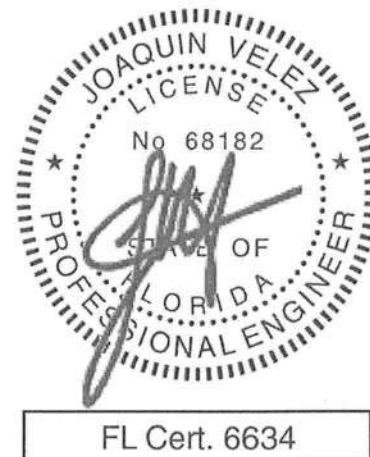
TL Defl -0.32" in J -I L/999  
LL Defl -0.14" in I -H L/999  
Shear // Grain in B -N 0.37

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 4.0x 6.0 0.5 0.4 0.36  
M MT20 3.0x 7.0 Ctr Ctr 0.32  
B MT20 6.0x 8.0 Ctr Ctr 0.85  
N MT20 4.0x 6.0 Ctr Ctr 0.27  
O MT20 6.0x 6.0 Ctr 1.2 0.43  
C MT20 7.0x 8.0-1.0 Ctr 0.44  
D MT20 5.0x 5.0 0.9-3.1 0.33  
E MT20 5.0x 5.0 Ctr Ctr 0.67  
L MT20 2.0x 4.0 Ctr Ctr 0.34  
P MT20 4.0x 6.0 Ctr Ctr 0.79  
K MT20 2.0x 4.0 Ctr Ctr 0.61  
J MT20 5.0x 7.0 Ctr-0.5 0.84  
I MT20 4.0x 8.0 Ctr Ctr 0.24

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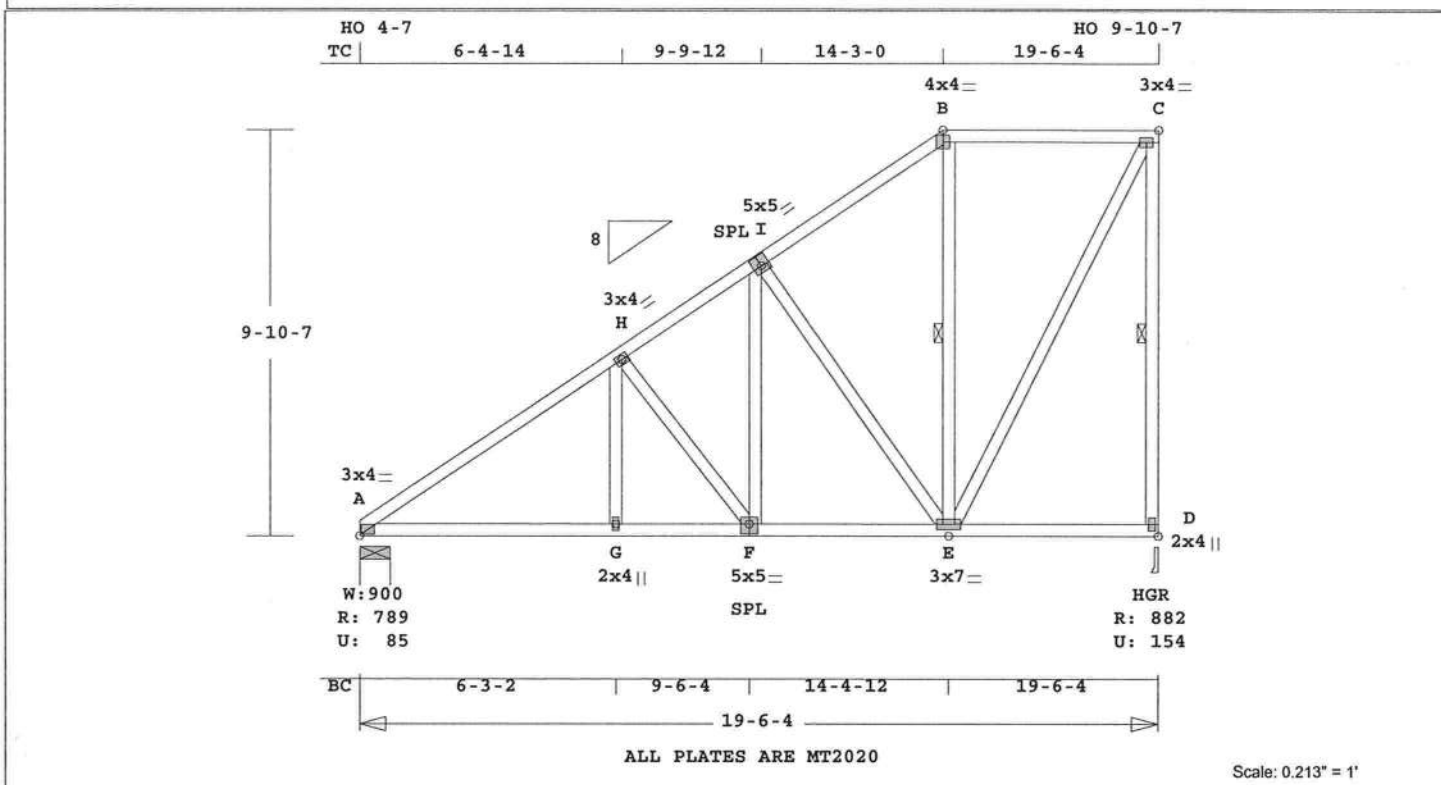
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NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 3455 Lbs  
Max tens. force 2428 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



|                              |                   |                  |                     |                       |                   |                     |                      |                                |
|------------------------------|-------------------|------------------|---------------------|-----------------------|-------------------|---------------------|----------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>BI</b> | Quan<br><b>1</b> | Type<br><b>HHIP</b> | Span<br><b>190604</b> | Pl-Hl<br><b>8</b> | Left OH<br><b>0</b> | Right OH<br><b>0</b> | Engineering<br><b>T3710417</b> |
|------------------------------|-------------------|------------------|---------------------|-----------------------|-------------------|---------------------|----------------------|--------------------------------|

GLENN



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 177.8 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

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

|    |      |      |       |
|----|------|------|-------|
| TC | 0.28 | 2x 4 | SP-#2 |
| BC | 0.27 | 2x 4 | SP-#2 |
| WB | 0.49 | 2x 4 | SP-#2 |

Brace truss as follows:

| O.C.     | From    | To       |
|----------|---------|----------|
| TC Cont. | 0- 0- 0 | 19- 6- 4 |
| BC Cont. | 0- 0- 0 | 19- 6- 4 |

One Continuous Lateral Brace  
E -B D -C  
Attach CLB with (2)-10d nails  
at each web.

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

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 790  | 85 U   | 178 R |
| D  | 882  | 155 U  | 342 R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.5"     |
| D  | 3.5"     | 1.5"     |

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

| Membr                   | CSI  | P Lbs | Ax1  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A -H                    | 0.28 | 984 C | 0.01 | 0.27    |
| H -I                    | 0.26 | 724 C | 0.00 | 0.26    |
| I -B                    | 0.14 | 393 C | 0.00 | 0.14    |
| B -C                    | 0.26 | 363 C | 0.00 | 0.26    |
| -----Bottom Chords----- |      |       |      |         |
| A -G                    | 0.27 | 821 T | 0.13 | 0.14    |
| G -F                    | 0.25 | 821 T | 0.13 | 0.12    |

|                |      |       |             |      |
|----------------|------|-------|-------------|------|
| F -E           | 0.25 | 593 T | 0.09        | 0.16 |
| E -D           | 0.20 | 269 T | 0.00        | 0.20 |
| -----Webs----- |      |       |             |      |
| G -H           | 0.03 | 213 T |             |      |
| H -F           | 0.16 | 364 C |             |      |
| F -I           | 0.07 | 341 T |             |      |
| I -E           | 0.44 | 452 C |             |      |
| E -B           | 0.03 | 123 T | 1 Br        |      |
| E -C           | 0.36 | 708 T |             |      |
| D -C           | 0.49 | 770 C | WindLd 1 Br |      |

TL Defl -0.08" in A -G L/999  
LL Defl -0.03" in E -D L/999  
Shear // Grain in B -C 0.20

Plates for each ply each face.

| Plate | MT20 | 20 Ga                     | Gross Area |
|-------|------|---------------------------|------------|
| Plate | MT2H | 20 Ga <td>Gross Area</td> | Gross Area |

| Jt Type | Plt Size | X    | Y       | JSI          |
|---------|----------|------|---------|--------------|
| A       | MT20     | 3.0x | 4.0     | Ctr Ctr 0.58 |
| H       | MT20     | 3.0x | 4.0     | Ctr Ctr 0.50 |
| I       | MT20     | 5.0x | 5.0-0.3 | 0.5 0.56     |
| B       | MT20     | 4.0x | 4.0     | Ctr Ctr 0.58 |
| C       | MT20     | 3.0x | 4.0     | Ctr Ctr 0.58 |
| G       | MT20     | 2.0x | 4.0     | Ctr Ctr 0.34 |
| F       | MT20     | 5.0x | 5.0     | Ctr-0.5 0.46 |
| E       | MT20     | 3.0x | 7.0     | Ctr Ctr 0.66 |
| D       | MT20     | 2.0x | 4.0     | Ctr Ctr 0.33 |

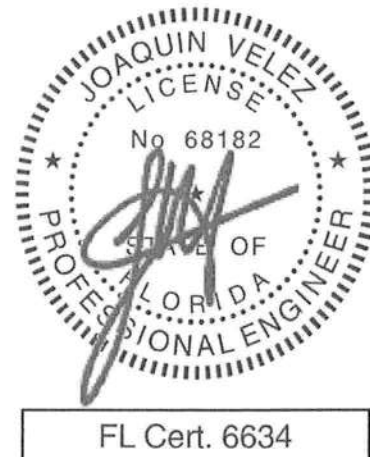
REVIEWED BY:  
Robbins Engineering, Inc.  
6904 Parke East Blvd.  
Tampa, FL 33610

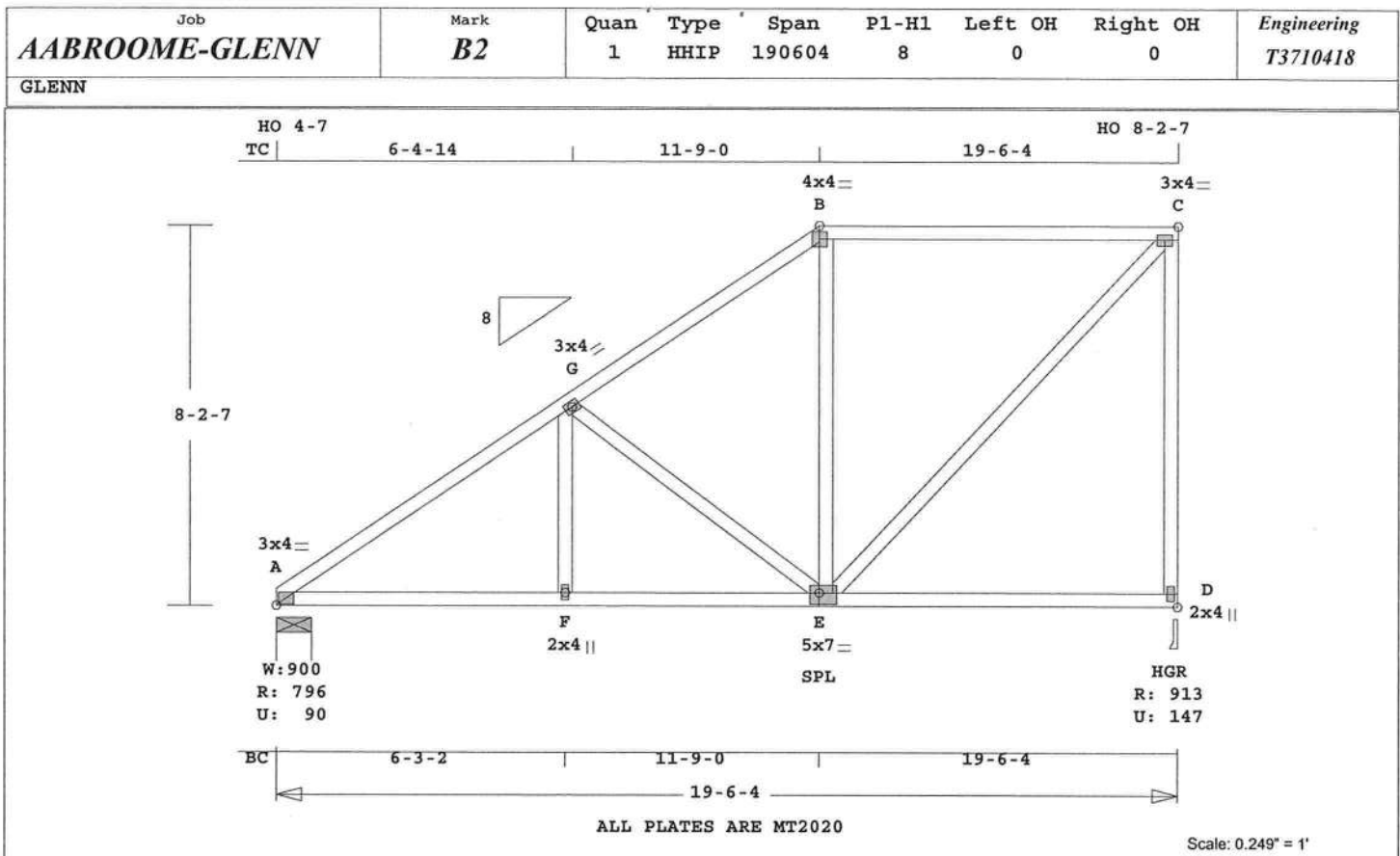
REFER TO ROBBINS ENG. GENERAL  
NOTES AND SYMBOLS SHEET FOR  
ADDITIONAL SPECIFICATIONS.

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.

and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 984 Lbs  
Max tens. force 821 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 147.3 LBS  
 Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
 TC 0.65 2x 4 SP-#2  
 BC 0.45 2x 4 SP-#2  
 WB 0.72 2x 4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 19- 6- 4  
 BC Cont. 0- 0- 0 19- 6- 4

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

Total Load Reactions (Lbs)  
 Jt Down Uplift Horiz-  
 A 796 91 U 147 R  
 D 913 148 U 281 R

Jt Brg Size Required  
 A 9.0" 1.5"  
 D 3.5" 1.5"

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

Membr CSI P Lbs Axl-CSI-Bnd  
 -----Top Chords-----  
 A -G 0.30 992 C 0.00 0.30  
 G -B 0.30 613 C 0.00 0.30  
 B -C 0.65 510 C 0.00 0.65  
 -----Bottom Chords-----  
 A -F 0.28 830 T 0.13 0.15  
 F -E 0.45 830 T 0.13 0.32  
 E -D 0.43 221 T 0.00 0.43  
 -----Webs-----

F -G 0.03 219 T  
 G -E 0.30 412 C  
 E -B 0.07 136 T  
 E -C 0.38 742 T  
 D -C 0.72 749 C WindLd

TL Defl -0.23" in E -D L/977  
 LL Defl -0.12" in E -D L/999  
 Shear // Grain in B -C 0.31

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 3.0x 4.0 Ctr Ctr 0.58  
 G MT20 3.0x 4.0 Ctr Ctr 0.50  
 B MT20 4.0x 4.0 Ctr Ctr 0.58  
 C MT20 3.0x 4.0 Ctr Ctr 0.57  
 F MT20 2.0x 4.0 Ctr Ctr 0.34  
 E MT20 5.0x 7.0 1.0-0.5 0.86  
 D MT20 2.0x 4.0 Ctr Ctr 0.33

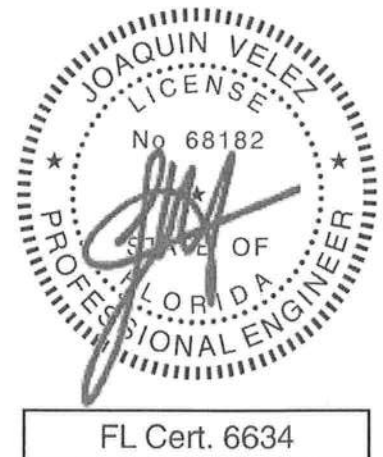
REVIEWED BY:  
 Robbins Engineering, Inc.  
 6904 Parke East Blvd.  
 Tampa, FL 33610

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

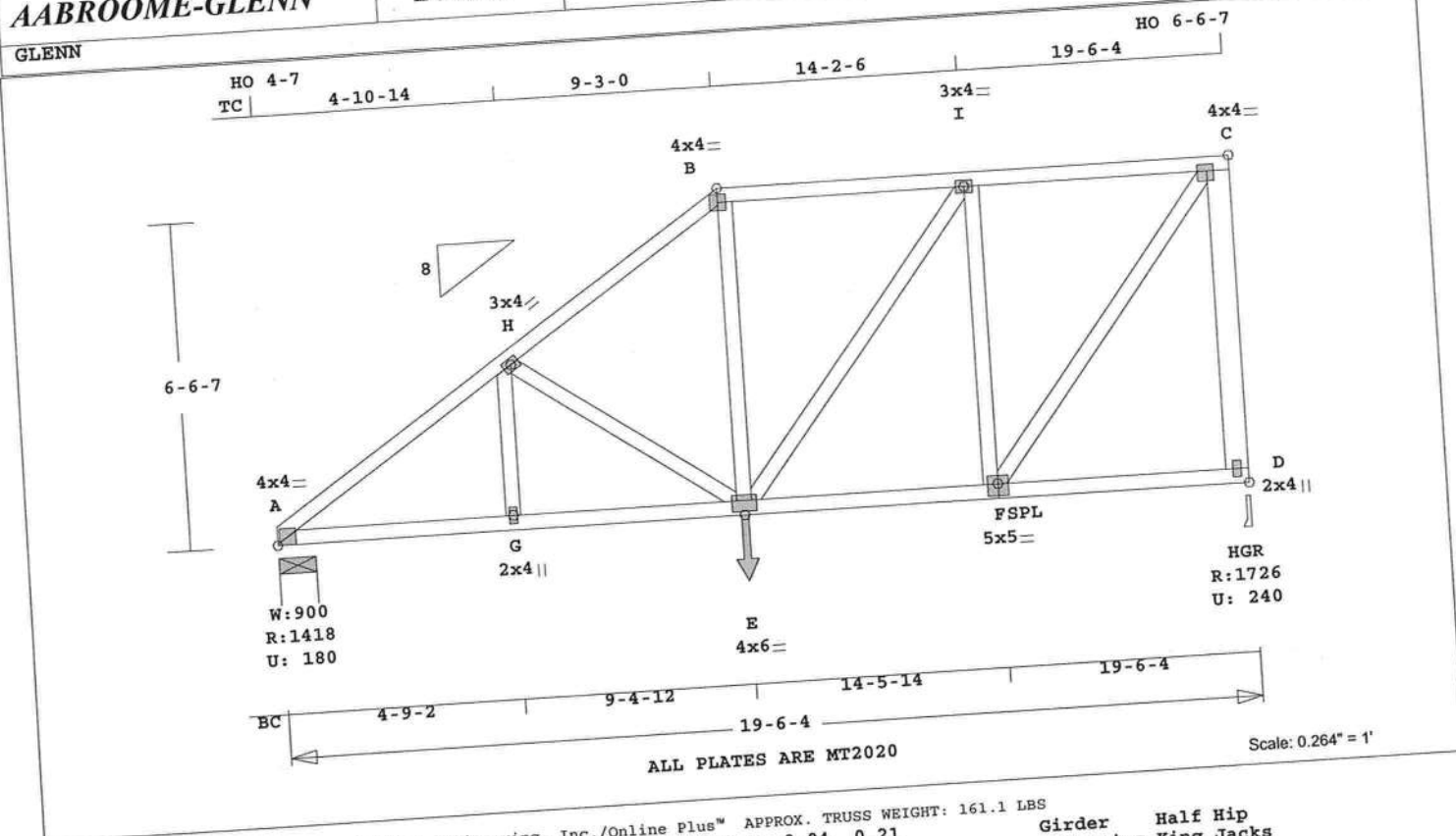
NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002

This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05

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 992 Lbs  
 Max tens. force 830 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



Engineering  
T3710419



Robbins Engineering, Inc./Online Plus<sup>W</sup> APPROX. TRUSS WEIGHT: 161.1 LBS

|      |      |      |   |      |      |
|------|------|------|---|------|------|
| A -H | 0.25 | 2130 | C | 0.04 | 0.21 |
| H -B | 0.30 | 1860 | C | 0.02 | 0.28 |
| B -I | 0.76 | 1556 | C | 0.01 | 0.75 |
| I -C | 0.76 | 1192 | C | 0.01 | 0.75 |

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    | CSI  | -Size- | ---Lumber--- |
|----|------|--------|--------------|
| TC | 0.76 | 2x 4   | SP-#2        |
| BC | 0.52 | 2x 4   | SP-#2        |
| WB | 0.74 | 2x 4   | SP-#2        |
| -- | 0.63 | 2x 6   | SP-#2        |
|    | D -C |        |              |

Brace truss as follows:

|    | O.C.  | From    | To       |
|----|-------|---------|----------|
| TC | Cont. | 0- 0- 0 | 19- 6- 4 |
| BC | Cont. | 0- 0- 0 | 19- 6- 4 |

|            |          |         |         |       |
|------------|----------|---------|---------|-------|
| psf-Ld     | Dead     | Live    |         |       |
| TC         | 10.0     | 20.0    |         |       |
| BC         | 10.0     | 0.0     |         |       |
| TC+BC      | 20.0     | 20.0    |         |       |
| Total      | 40.0     |         | Spacing | 24.0" |
| Lumber     | Duration | Factor  |         | 1.25  |
| Plate      | Duration | Factor  |         | 1.25  |
| TC Fb=1.00 | Fc=1.00  | Ft=1.00 |         |       |
| BC Fb=1.00 | Fc=1.00  | Ft=1.00 |         |       |

| Total Load Reactions (Lbs) |      |        |        |
|----------------------------|------|--------|--------|
| Jt                         | Down | Uplift | Horiz- |
| A                          | 1419 | 181 U  | 116 R  |
| D                          | 1726 | 240 U  | 224 R  |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.7"     |
| D  | 3.5"     | 2.0"     |

| LC# | 1     | Girder Loading |       |       |          |
|-----|-------|----------------|-------|-------|----------|
| Dur | Fctrs | -              | Lbr   | 1.25  | Plt 1.25 |
| plf | -     | Dead           | Live* | From  | To       |
| TC  | V     | 20             | 40    | 0.0'  | 19.5'    |
| BC  | V     | 20             | 0     | 0.0'  | 19.5'    |
| TC  | V     | 25             | 50    | 9.2'  | 18.5'    |
| TC  | V     | -20            | -40   | 18.5' | 19.5'    |
| BC  | V     | 25             | 0     | 9.4'  | 18.5'    |
| BC  | V     | -20            | 0     | 18.5' | 19.5'    |
| BC  | V     | 370            | 370   | 9.4'  | CL-LB    |

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

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

|      | Inc./Online | plus <sup>™</sup> |   | APPROX. TRUSS WEI |
|------|-------------|-------------------|---|-------------------|
| A -H | 0.25        | 2130              | C | 0.04 0.21         |
| H -B | 0.30        | 1860              | C | 0.02 0.28         |
| B -I | 0.76        | 1556              | C | 0.01 0.75         |
| I -C | 0.76        | 1192              | C | 0.01 0.75         |

| Bottom Chords |    |      |      |   |           |
|---------------|----|------|------|---|-----------|
| A             | -G | 0.44 | 1764 | T | 0.32 0.12 |
| G             | -E | 0.43 | 1764 | T | 0.32 0.11 |
| E             | -F | 0.52 | 1192 | T | 0.13 0.39 |
| F             | -D | 0.39 | 176  | T | 0.00 0.39 |

| F | -D | 0.33 | Webs |   |
|---|----|------|------|---|
| G | -H | 0.02 | 147  | T |
| H | -E | 0.13 | 278  | C |
| E | -B | 0.10 | 617  | T |
| E | -I | 0.17 | 587  | T |
| F | -I | 0.74 | 1251 | C |
| F | -C | 0.57 | 1919 | T |
| D | -C | 0.63 | 1669 | C |

WindLd

|          |        |         |       |
|----------|--------|---------|-------|
| TL Defl  | -0.13" | in E -F | L/999 |
| LL Defl  | -0.05" | in G -E | L/999 |
| Shear // | Grain  | in I -C | 0.52  |

| Jt | Type | Plt Size | X   | Y    | JSI       |
|----|------|----------|-----|------|-----------|
| A  | MT20 | 4.0x     | 4.0 | Ctr  | 0.1 0.87  |
| H  | MT20 | 3.0x     | 4.0 | Ctr  | Ctr 0.50  |
| B  | MT20 | 4.0x     | 4.0 | Ctr  | Ctr 0.58  |
| I  | MT20 | 3.0x     | 4.0 | Ctr  | Ctr 0.55  |
| C  | MT20 | 4.0x     | 4.0 | -0.3 | -0.4 0.82 |
| G  | MT20 | 2.0x     | 4.0 | Ctr  | Ctr 0.34  |
| E  | MT20 | 4.0x     | 6.0 | Ctr  | -0.7 0.88 |
| F  | MT20 | 5.0x     | 5.0 | Ctr  | -0.5 0.91 |
| D  | MT20 | 2.0x     | 4.0 | Ctr  | Ctr 0.59  |

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

Girder Half Hip  
 Framing King Jacks  
 Jack Open Faced  
 Setback 7- 0- 0  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 Truss is designed as  
 Components and Claddings\*  
 for Exterior zone location.  
 Wind Speed: 110 mph  
 Mean Roof Height: 15-0  
 Exposure Category: B  
 Occupancy Factor : 1.00  
 Building Type: Enclosed  
 TC Dead Load: 5.0 psf  
 BC Dead Load: 5.0 psf  
 Max comp. force 2130 Lbs  
 Max tens. force 1919 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.

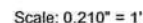


FL Cert. 6634

April 16, 2010



GLENN



Robbing Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 148.6 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    | CSI  | -Size- | ----Lumber---- |
|----|------|--------|----------------|
| TC | 0.19 | 2x 4   | SP-#2          |
| BC | 0.26 | 2x 4   | SP-#2          |
| WB | 0.21 | 2x 4   | SP-#2          |
| SL | 0.04 | 2x 4   | SP-#2          |

Brace truss as follows:

|    | O.C.  | From    | To       |
|----|-------|---------|----------|
| TC | Cont. | 0- 0- 0 | 18- 5- 8 |
| BC | Cont. | 0- 0- 0 | 18- 5- 8 |

|            |          |         |       |
|------------|----------|---------|-------|
| psf-Ld     | Dead     | Live    |       |
| TC         | 10.0     | 20.0    |       |
| BC         | 10.0     | 0.0     |       |
| TC+BC      | 20.0     | 20.0    |       |
| Total      | 40.0     | Spacing | 24.0" |
| Lumber     | Duration | Factor  | 1.25  |
| Plate      | Duration | Factor  | 1.25  |
| TC Fb=1.15 | Fc=1.10  | Ft=1.10 |       |
| BC Fb=1.10 | Fc=1.10  | Ft=1.10 |       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 866  | 121 U  | 173 R  |
| C  | 866  | 121 U  | 173 R  |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.5"     |
| C  | 9.0"     | 1.5"     |

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

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

| Top Chords |    |      |     |   |      |      |
|------------|----|------|-----|---|------|------|
| A          | -I | 0.16 | 434 | C | 0.00 | 0.16 |
| I          | -G | 0.19 | 777 | C | 0.03 | 0.16 |
| G          | -B | 0.19 | 552 | C | 0.03 | 0.16 |
| B          | -H | 0.19 | 552 | C | 0.03 | 0.16 |
| H          | -J | 0.19 | 777 | C | 0.03 | 0.16 |
| J          | -C | 0.16 | 434 | C | 0.00 | 0.16 |

| -----Bottom Chords----- |    |      |     |   |           |
|-------------------------|----|------|-----|---|-----------|
| A                       | -F | 0.26 | 595 | T | 0.09 0.17 |
| F                       | -E | 0.18 | 595 | T | 0.09 0.09 |
| E                       | -D | 0.18 | 595 | T | 0.09 0.09 |
| D                       | -C | 0.26 | 595 | T | 0.09 0.17 |

| -----Webs-----    |      |       |
|-------------------|------|-------|
| F -G              | 0.02 | 155 T |
| G -E              | 0.15 | 273 C |
| E -B              | 0.21 | 431 T |
| E -H              | 0.15 | 273 C |
| D -H              | 0.02 | 155 T |
| -----Sliders----- |      |       |
| A -I              | 0.04 | 462 C |
| J -C              | 0.04 | 462 C |

|          |        |      |    |       |
|----------|--------|------|----|-------|
| TL Defl  | -0.05" | in E | -D | L/999 |
| LL Defl  | -0.02" | in E | -D | L/999 |
| Shear // | Grain  | in G | -B | 0.13  |

| Plates for each ply each face. |      |      |      |      |      |      |
|--------------------------------|------|------|------|------|------|------|
| Plate - MT20 20 Ga, Gross Area |      |      |      |      |      |      |
| Plate - MT2H 20 Ga, Gross Area |      |      |      |      |      |      |
| Jt                             | Type | Plt  | Size | X    | Y    | JSI  |
| A                              | MT20 | 3.0x | 7.0  | 1.5  | 0.6  | 0.52 |
| I                              | MT20 | 3.0x | 4.0  | Ctr  | Ctr  | 0.19 |
| G                              | MT20 | 3.0x | 4.0  | Ctr  | Ctr  | 0.53 |
| B                              | MT20 | 4.0x | 4.0  | Ctr  | Ctr  | 0.41 |
| H                              | MT20 | 3.0x | 4.0  | Ctr  | Ctr  | 0.53 |
| J                              | MT20 | 3.0x | 4.0  | Ctr  | Ctr  | 0.19 |
| C                              | MT20 | 3.0x | 7.0  | -1.5 | 0.6  | 0.52 |
| F                              | MT20 | 2.0x | 4.0  | Ctr  | Ctr  | 0.34 |
| E                              | MT20 | 4.0x | 8.0  | Ctr  | -1.0 | 0.51 |
| D                              | MT20 | 2.0x | 4.0  | Ctr  | Ctr  | 0.34 |

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

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

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

Analysis Confirms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

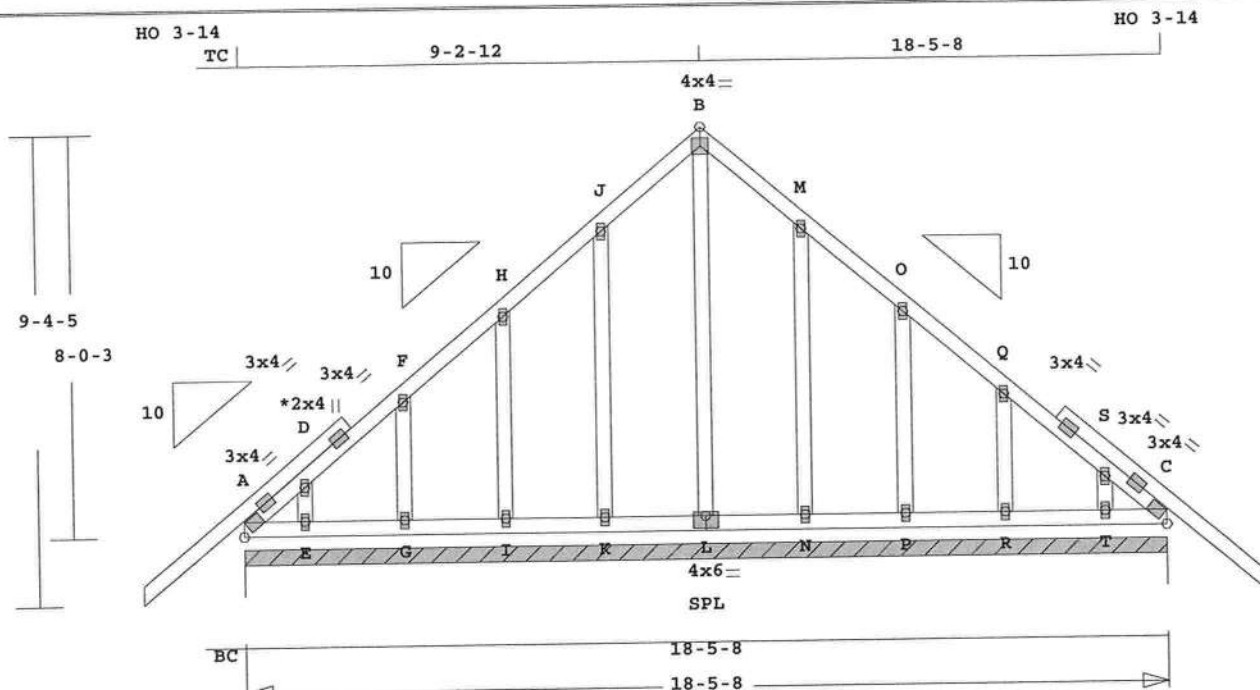
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by

2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 777 Lbs  
Max tens. force 595 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



| Job                   | Mark        | Quan | Type | Span   | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|-------------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>C2GE</b> | 1    | TR   | 180508 | 10    | 0       | 0        | <b>T3710421</b> |

GLENN



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

Scale: 0.260" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.04 2x 4 SP-#2  
BC 0.02 2x 4 SP-#2  
GW 0.09 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 18- 5- 8  
BC Cont. 0- 0- 0 18- 5- 8

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 1477 197 U 171 R

Jt Brg Size Required  
A 221.5" 0"-to- 222"

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

| Membr                   | CSI  | P   | Lbs | Ax1  | CSI-Bnd |
|-------------------------|------|-----|-----|------|---------|
| -----Top Chords-----    |      |     |     |      |         |
| A -D                    | 0.04 | 235 | C   | 0.02 | 0.02    |
| D -F                    | 0.04 | 151 | C   | 0.01 | 0.03    |
| F -H                    | 0.03 | 64  | C   | 0.00 | 0.03    |
| H -J                    | 0.03 | 43  | C   | 0.00 | 0.03    |
| J -B                    | 0.03 | 132 | T   | 0.00 | 0.03    |
| B -M                    | 0.03 | 132 | T   | 0.00 | 0.03    |
| M -O                    | 0.03 | 43  | C   | 0.00 | 0.03    |
| O -Q                    | 0.03 | 64  | C   | 0.00 | 0.03    |
| Q -S                    | 0.04 | 151 | C   | 0.01 | 0.03    |
| S -C                    | 0.04 | 235 | C   | 0.02 | 0.02    |
| -----Bottom Chords----- |      |     |     |      |         |
| A -E                    | 0.02 | 7   | T   | 0.00 | 0.02    |
| E -G                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| G -I                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| I -K                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| K -L                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| L -N                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| N -P                    | 0.02 | 0   | T   | 0.00 | 0.02    |
| P -R                    | 0.02 | 0   | T   | 0.00 | 0.02    |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 164.6 LBS  
R -T 0.02 0 T 0.00 0.02  
T -C 0.02 7 T 0.00 0.02

-----Gable Webs-----  
E -D 0.01 126 C  
G -F 0.01 146 C  
I -H 0.04 143 C  
K -J 0.07 141 C  
L -B 0.09 101 C  
N -M 0.07 141 C  
P -O 0.04 143 C  
R -Q 0.01 146 C  
T -S 0.01 126 C

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.47  
D MT20 2.0x 4.0 Ctr Ctr 0.00  
F MT20 2.0x 4.0 Ctr Ctr 0.00  
H MT20 2.0x 4.0 Ctr Ctr 0.00  
J MT20 2.0x 4.0 Ctr Ctr 0.00  
B MT20 4.0x 4.0 Ctr Ctr 0.41  
M MT20 2.0x 4.0 Ctr Ctr 0.00  
O MT20 2.0x 4.0 Ctr Ctr 0.00  
Q MT20 2.0x 4.0 Ctr Ctr 0.00  
S MT20 2.0x 4.0 Ctr Ctr 0.00  
C MT20 3.0x 4.0 Ctr Ctr 0.47  
E MT20 2.0x 4.0 Ctr Ctr 0.00  
G MT20 2.0x 4.0 Ctr Ctr 0.00  
I MT20 2.0x 4.0 Ctr Ctr 0.00  
K MT20 2.0x 4.0 Ctr Ctr 0.00  
L MT20 4.0x 6.0 Ctr-1.0 0.39  
N MT20 2.0x 4.0 Ctr Ctr 0.00  
P MT20 2.0x 4.0 Ctr Ctr 0.00  
R MT20 2.0x 4.0 Ctr Ctr 0.00  
T MT20 2.0x 4.0 Ctr Ctr 0.00

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

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

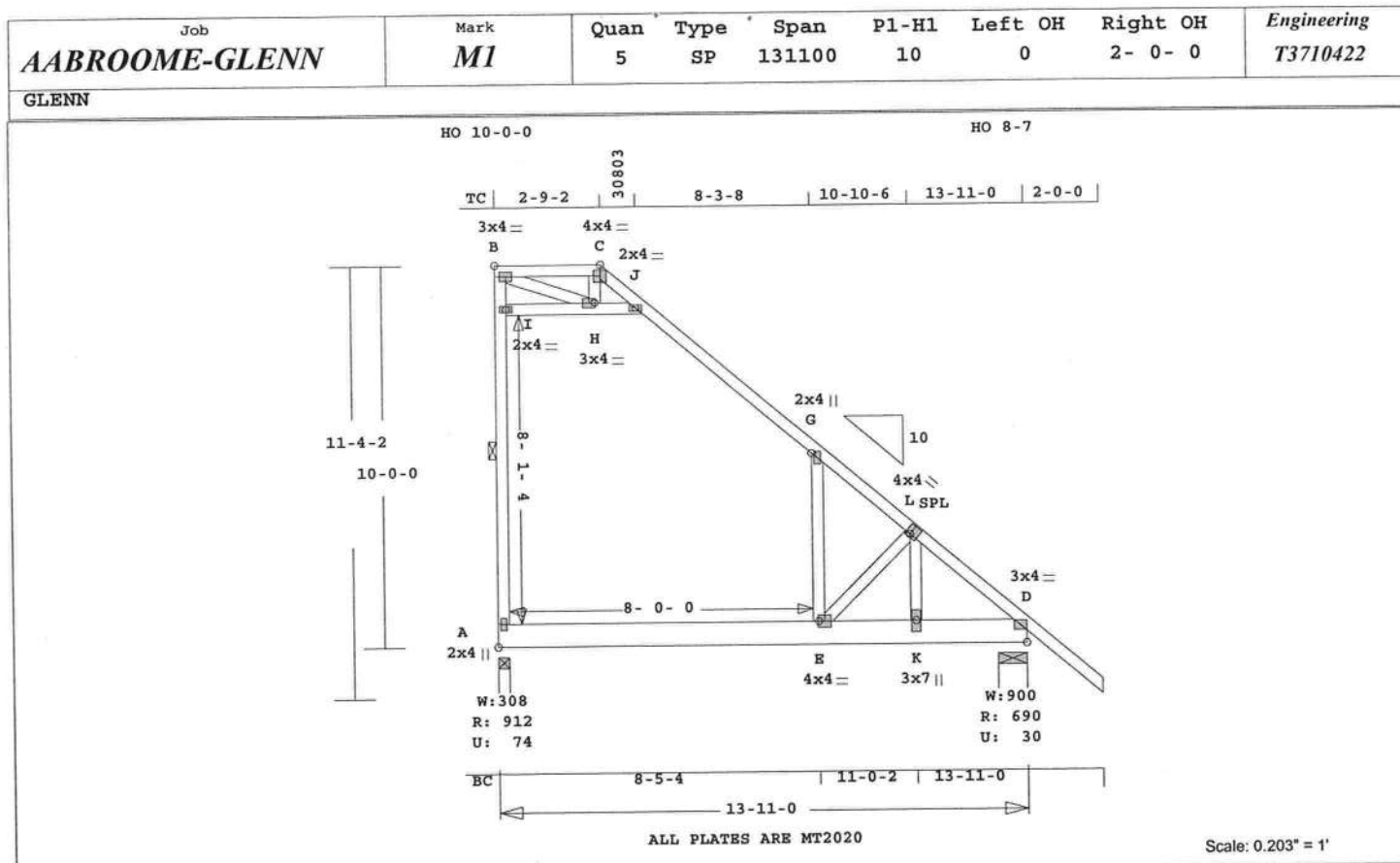
NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:

FBC2007  
TPI 2002  
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 7-05  
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 235 Lbs  
Max tens. force 188 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010



Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

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

|    |      |      |               |
|----|------|------|---------------|
| TC | 0.47 | 2x 4 | SP-#2         |
| BC | 0.69 | 2x 8 | SP-2400f-2.0E |
| WB | 0.71 | 2x 4 | SP-#2         |

Brace truss as follows:

|    | O.C.  | From    | To       |
|----|-------|---------|----------|
| TC | 24.0" | 0- 0- 0 | 2- 9- 2  |
| TC | Cont. | 2- 9- 2 | 13-11- 0 |
| BC | Cont. | 0- 0- 0 | 13-11- 0 |

One Continuous Lateral Brace  
A - B  
Attach CLB with (2)-10d nails  
at each web.

| psf-Ld | Dead | Live          |
|--------|------|---------------|
| TC     | 10.0 | 20.0          |
| BC     | 10.0 | 0.0           |
| TC+BC  | 20.0 | 20.0          |
| Total  | 40.0 | Spacing 16.0" |

Lumber Duration Factor 1.25  
Plate Duration Factor 1.25  
TC Fb=1.00 Fc=1.00 Ft=1.00  
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 913  | 75 U   | 226 R |
| D  | 690  | 30 U   | 119 R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.5"     |
| D  | 9.0"     | 1.5"     |

LC# 1 BCLS Loading

| Dur | Pctrs | Lbr   | Plt  | 1.25 |       |
|-----|-------|-------|------|------|-------|
| plf | Dead  | Live* | From | To   |       |
| TC  | V     | 13    | 27   | 0.0' | 13.9' |
| BC  | V     | 13    | 0    | 0.0' | 13.9' |
| BC  | V     | 13    | 53   | 0.0' | 8.4'  |
| BC  | V     | 0     | 27   | 0.3' | 8.3'  |

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

| Membr                | CSI | P    | Lbs   | Ax1  | CSI-Bnd |
|----------------------|-----|------|-------|------|---------|
| -----Top Chords----- |     |      |       |      |         |
| B                    | -C  | 0.04 | 135 T | 0.00 | 0.04    |
| C                    | -J  | 0.31 | 100 T | 0.00 | 0.31    |
| J                    | -G  | 0.47 | 122 T | 0.00 | 0.47    |
| G                    | -L  | 0.27 | 204 C | 0.00 | 0.27    |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 138.9 LBS

| L                       | -D | 0.08 | 724 C | 0.00 | 0.08 |
|-------------------------|----|------|-------|------|------|
| -----Bottom Chords----- |    |      |       |      |      |
| A                       | -E | 0.69 | 179 T | 0.00 | 0.69 |
| E                       | -K | 0.67 | 559 T | 0.02 | 0.65 |
| K                       | -D | 0.06 | 559 T | 0.02 | 0.04 |
| -----Webs-----          |    |      |       |      |      |
| A                       | -I | 0.71 | 205 C | 0.00 | 0.71 |
| I                       | -B | 0.71 | 203 C | 0.00 | 0.71 |
| B                       | -H | 0.07 | 411 T | 0.07 | 0.00 |
| I                       | -H | 0.06 | 437 C | 0.06 | 0.00 |
| H                       | -C | 0.03 | 161 C | 0.01 | 0.02 |
| H                       | -J | 0.04 | 294 T | 0.04 | 0.00 |
| E                       | -G | 0.04 | 170 T |      |      |
| E                       | -L | 0.14 | 748 C |      |      |
| K                       | -L | 0.14 | 806 T |      |      |

TL Defl -0.81" in A -E L/191  
LL Defl -0.50" in A -E L/306  
Shear // Grain in E -K 0.49

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area

| Jt | Type | Plt  | Size | X   | Y    | JSI  |
|----|------|------|------|-----|------|------|
| B  | MT20 | 3.0x | 4.0  | Ctr | Ctr  | 0.29 |
| C  | MT20 | 4.0x | 4.0  | Ctr | -0.2 | 0.63 |
| J  | MT20 | 2.0x | 4.0  | Ctr | Ctr  | 0.18 |
| G  | MT20 | 2.0x | 4.0  | Ctr | Ctr  | 0.13 |
| L  | MT20 | 4.0x | 4.0  | 1.1 | 0.5  | 1.00 |
| D  | MT20 | 3.0x | 4.0  | Ctr | Ctr  | 0.80 |
| A  | MT20 | 2.0x | 4.0  | Ctr | Ctr  | 0.16 |
| E  | MT20 | 4.0x | 4.0  | Ctr | Ctr  | 0.34 |
| K  | MT20 | 3.0x | 7.0  | Ctr | -0.1 | 0.32 |
| H  | MT20 | 3.0x | 4.0  | Ctr | Ctr  | 0.29 |
| I  | MT20 | 2.0x | 4.0  | Ctr | Ctr  | 0.21 |

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.

in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 748 Lbs  
Max tens. force 806 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

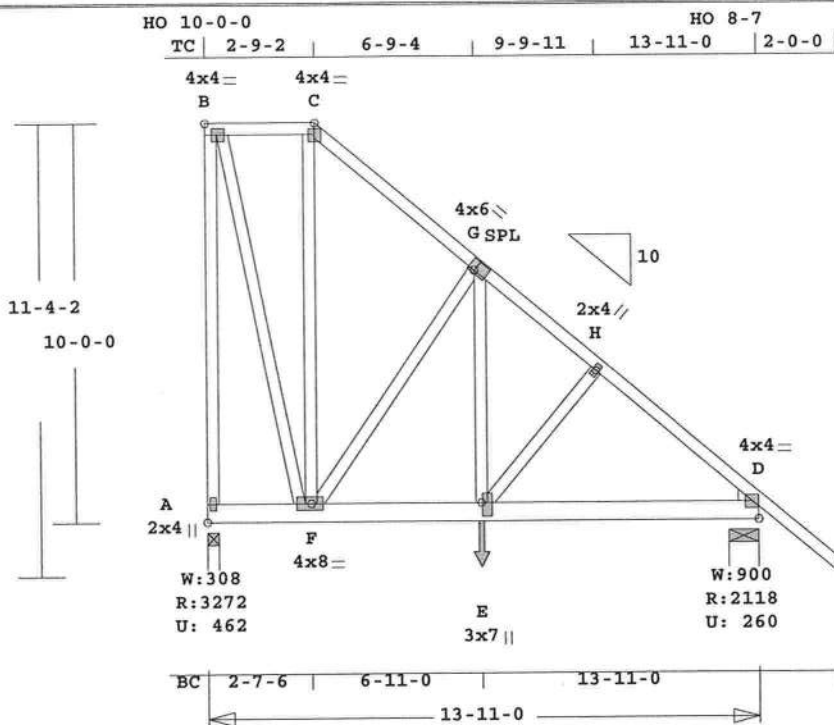


FL Cert. 6634

April 16, 2010

| Job                   | Mark         | Quan | Type | Span   | P1-H1 | Left OH | Right OH | Engineering     |
|-----------------------|--------------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>M2GIR</b> | 1*2P | SP   | 131100 | 10    | 0       | 2- 0- 0  | <b>T3710423</b> |

GLENN



ALL PLATES ARE MT2020

Scale: 0.206" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.5 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

\*\*\*\*\*  
\* 2-Ply Truss \*  
\*\*\*\*\*

| CSI | Size | Lumber     |
|-----|------|------------|
| TC  | 0.27 | 2x 4 SP-#2 |
| BC  | 0.45 | 2x 6 SP-#2 |
| WB  | 0.87 | 2x 4 SP-#2 |
| PB  | ---  | 2x 4 SP-#2 |

Brace truss as follows:

| O.C.     | From    | To       |
|----------|---------|----------|
| TC Cont. | 0- 0- 0 | 13-11- 0 |
| BC Cont. | 0- 0- 0 | 13-11- 0 |

| psf-Ld                 | Dead    | Live    |
|------------------------|---------|---------|
| TC                     | 10.0    | 20.0    |
| BC                     | 10.0    | 0.0     |
| TC+BC                  | 20.0    | 20.0    |
| Total                  | 40.0    | 24.0"   |
| Lumber Duration Factor | 1.25    |         |
| Plate Duration Factor  | 1.25    |         |
| TC Fb=1.00             | Fc=1.00 | Ft=1.00 |
| BC Fb=1.00             | Fc=1.00 | Ft=1.00 |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 3273 | 463 U  | 340 R |
| D  | 2118 | 261 U  | 180 R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.9"     |
| D  | 9.0"     | 1.5"     |

LC# 1 Standard Loading  
Dur Pctrs - Lbr 1.25 Plt 1.25  
plf - Dead Live\* From To  
TC V 20 40 0.0' 13.9'  
BC V 20 0 0.0' 13.9'  
BC V 175 175 0.0' 6.9'  
BC V 863 863 6.9' CL-LB

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

| Membr                   | CSI  | P Lbs  | Ax1-CSI-Bnd |
|-------------------------|------|--------|-------------|
| -----Top Chords-----    |      |        |             |
| B - C                   | 0.05 | 727 C  | 0.03 0.02   |
| C - G                   | 0.10 | 952 C  | 0.03 0.07   |
| G - H                   | 0.14 | 2534 C | 0.07 0.07   |
| H - D                   | 0.27 | 2666 C | 0.01 0.26   |
| -----Bottom Chords----- |      |        |             |
| A - F                   | 0.18 | 267 T  | 0.00 0.18   |
| F - E                   | 0.45 | 1965 T | 0.13 0.32   |
| E - D                   | 0.33 | 2013 T | 0.13 0.20   |

-----Webs-----  
A - B 0.87 2909 C WindLd  
B - F 0.31 2926 T  
F - C 0.05 510 T  
F - G 0.39 2152 C  
E - G 0.23 2600 T  
E - H 0.01 138 T

TL Defl -0.10" in F - E L/999  
LL Defl -0.04" in F - E L/999  
Shear // Grain in F - E 0.35

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
B MT20 4.0x 4.0 0.5 Ctr 0.81  
C MT20 4.0x 4.0 Ctr-0.2 0.63  
G MT20 4.0x 6.0 1.5 0.2 0.92  
H MT20 2.0x 4.0 Ctr Ctr 0.13  
D MT20 4.0x 4.0-1.0 0.7 0.86  
A MT20 2.0x 4.0 Ctr Ctr 0.42  
F MT20 4.0x 8.0-0.5 Ctr 0.75  
E MT20 3.0x 7.0 Ctr-0.7 0.61

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
2 COMPLETE TRUSSES REQUIRED.  
Fasten together in staggered  
pattern. (1/2" bolts -OR-  
SDS3 screws -OR- 10d nails  
as each layer is applied.)  
-----Spacing (In)-----  
Rows Nails Screws Bolts  
TC 1 12 24 0  
BC 2 12 24 0  
WB 1 8 8  
Web Connection Exception --  
Space screws or nails for the  
following webs--  
A - B @ 4" o.c.  
Plus clusters of nails where  
shown.  
OH Loading  
Soffit psf 2.0

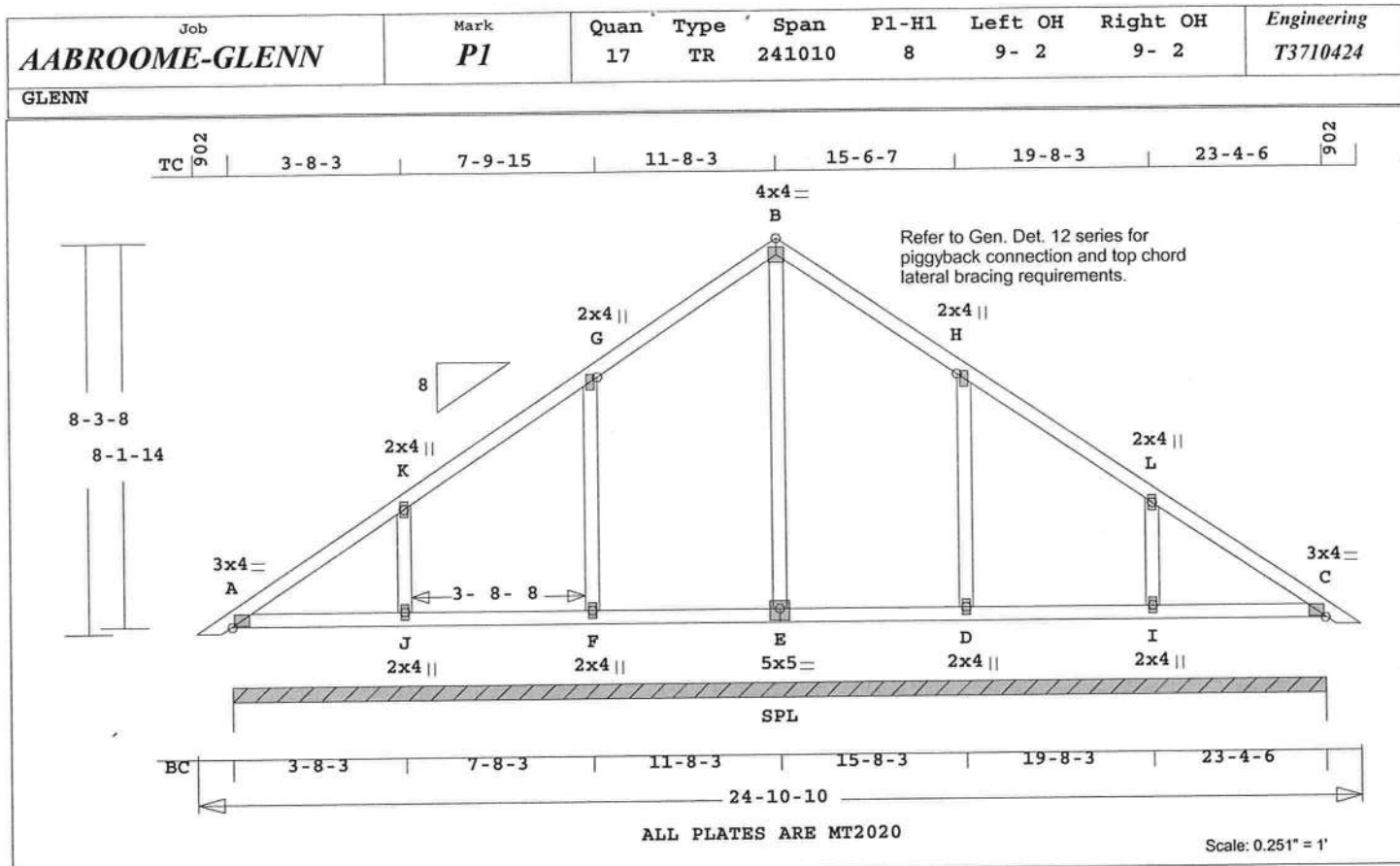
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and 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 2909 Lbs  
Max tens. force 2926 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 142.1 LBS  
 Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
 TC 0.15 2x 4 SP-#2  
 BC 0.16 2x 4 SP-#2  
 WB 0.11 2x 4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 24-10-10  
 BC Cont. 0- 0- 0 24-10-10

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

Total Load Reactions (lbs)  
 Jt Down Uplift Horiz-  
 A 2464 254 U 169 R

Jt Brg Size Required  
 A 280.4" 0"-to- 280"

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

| Membr                   | CSI  | P   | Lbs | Ax1  | CSI-Bnd |
|-------------------------|------|-----|-----|------|---------|
| -----Top Chords-----    |      |     |     |      |         |
| A -K                    | 0.13 | 113 | C   | 0.00 | 0.13    |
| K -G                    | 0.15 | 88  | C   | 0.00 | 0.15    |
| G -B                    | 0.15 | 176 | C   | 0.00 | 0.15    |
| B -H                    | 0.15 | 176 | C   | 0.00 | 0.15    |
| H -L                    | 0.15 | 88  | C   | 0.00 | 0.15    |
| L -C                    | 0.13 | 113 | C   | 0.00 | 0.13    |
| -----Bottom Chords----- |      |     |     |      |         |
| A -J                    | 0.11 | 2   | T   | 0.00 | 0.11    |
| J -F                    | 0.16 | 0   | T   | 0.00 | 0.16    |
| F -E                    | 0.16 | 0   | T   | 0.00 | 0.16    |
| E -D                    | 0.16 | 0   | T   | 0.00 | 0.16    |
| D -I                    | 0.16 | 0   | T   | 0.00 | 0.16    |
| I -C                    | 0.11 | 2   | T   | 0.00 | 0.11    |
| -----Webs-----          |      |     |     |      |         |

|      |      |     |   |
|------|------|-----|---|
| J -K | 0.03 | 248 | C |
| F -G | 0.10 | 258 | C |
| E -B | 0.11 | 121 | C |
| D -H | 0.10 | 258 | C |
| I -L | 0.03 | 248 | C |

TL Defl 0.00" in A -J L/999  
 LL Defl 0.00" in D -I L/999  
 Shear // Grain in J -F 0.15

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 3.0x 4.0 Ctr Ctr 0.49  
 K MT20 2.0x 4.0 Ctr Ctr 0.28  
 G MT20 2.0x 4.0 Ctr Ctr 0.28  
 B MT20 4.0x 4.0 Ctr Ctr 0.42  
 H MT20 2.0x 4.0 Ctr Ctr 0.28  
 L MT20 2.0x 4.0 Ctr Ctr 0.28  
 C MT20 3.0x 4.0 Ctr Ctr 0.49  
 J MT20 2.0x 4.0 Ctr Ctr 0.34  
 F MT20 2.0x 4.0 Ctr Ctr 0.34  
 E MT20 5.0x 5.0 Ctr-0.5 0.39  
 D MT20 2.0x 4.0 Ctr Ctr 0.34  
 I MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

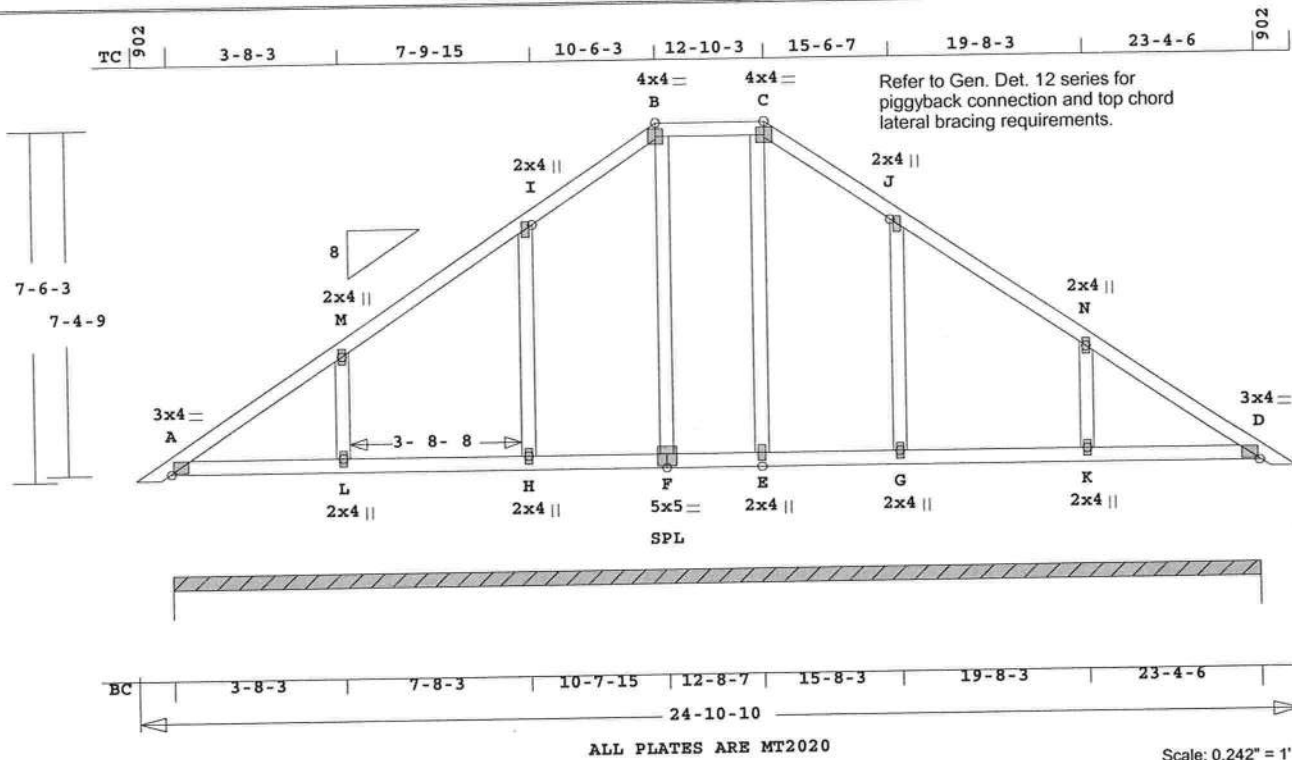
NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0  
 This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.

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 7-05  
 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 258 Lbs  
 Max tens. force 219 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



| Job                   | Mark      | Quan | Type | Span   | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|-----------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>P2</b> | 1    | HIPP | 241010 | 8     | 9- 2    | 9- 2     | <b>T3710425</b> |

GLENN



ALL PLATES ARE MT2020

Scale: 0.242" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 152.7 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.14 2x 4 SP-#2  
BC 0.13 2x 4 SP-#2  
WB 0.09 2x 4 SP-#2

Brace truss as follows:

| O.C.     | From    | To       |
|----------|---------|----------|
| TC Cont. | 0- 0- 0 | 24-10-10 |
| BC Cont. | 0- 0- 0 | 24-10-10 |

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

Total Load Reactions (Lbs)

Jt Down Uplift Horiz-  
A 2383 254 U 153 R

Jt Brg Size Required  
A 280.4" 0"-to- 280"

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

| Membr                   | CSI  | P     | Lbs  | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|------|---------|
| -----Top Chords-----    |      |       |      |      |         |
| A -M                    | 0.14 | 96 C  | 0.00 | 0.14 |         |
| M -I                    | 0.14 | 84 C  | 0.00 | 0.14 |         |
| I -B                    | 0.12 | 173 C | 0.00 | 0.12 |         |
| B -C                    | 0.03 | 176 T | 0.02 | 0.01 |         |
| C -J                    | 0.12 | 173 C | 0.00 | 0.12 |         |
| J -N                    | 0.14 | 84 C  | 0.00 | 0.14 |         |
| N -D                    | 0.14 | 96 C  | 0.00 | 0.14 |         |
| -----Bottom Chords----- |      |       |      |      |         |
| A -L                    | 0.12 | 2 T   | 0.00 | 0.12 |         |
| L -H                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| H -F                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| F -E                    | 0.03 | 0 T   | 0.00 | 0.03 |         |
| E -G                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| G -K                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| K -D                    | 0.12 | 2 T   | 0.00 | 0.12 |         |
| -----Webs-----          |      |       |      |      |         |

|      |      |       |
|------|------|-------|
| L -M | 0.03 | 256 C |
| H -I | 0.09 | 227 C |
| F -B | 0.06 | 89 C  |
| E -C | 0.06 | 89 C  |
| G -J | 0.09 | 227 C |
| K -N | 0.03 | 256 C |

TL Defl 0.00" in K -D L/999  
LL Defl 0.00" in L -H L/999  
Shear // Grain in L -H 0.15

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
M MT20 2.0x 4.0 Ctr Ctr 0.28  
I MT20 2.0x 4.0 Ctr Ctr 0.28  
B MT20 4.0x 4.0 Ctr Ctr 0.58  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
J MT20 2.0x 4.0 Ctr Ctr 0.28  
N MT20 2.0x 4.0 Ctr Ctr 0.28  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
L MT20 2.0x 4.0 Ctr Ctr 0.34  
H MT20 2.0x 4.0 Ctr Ctr 0.34  
F MT20 5.0x 5.0 Ctr-0.5 0.39  
E MT20 2.0x 4.0 Ctr Ctr 0.34  
G MT20 2.0x 4.0 Ctr Ctr 0.34  
K MT20 2.0x 4.0 Ctr Ctr 0.34

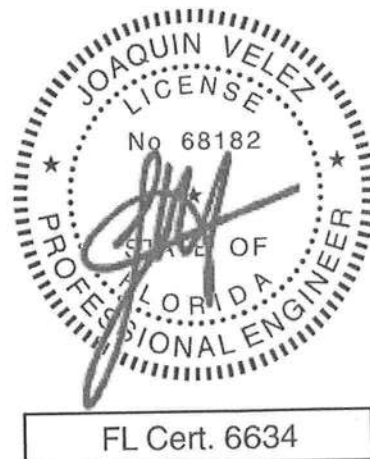
REVIEWED BY:  
Robbins Engineering, Inc.  
6904 Parke East Blvd.  
Tampa, FL 33610

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.

and any other member.  
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 7-05  
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 256 Lbs  
Max tens. force 215 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



April 16, 2010

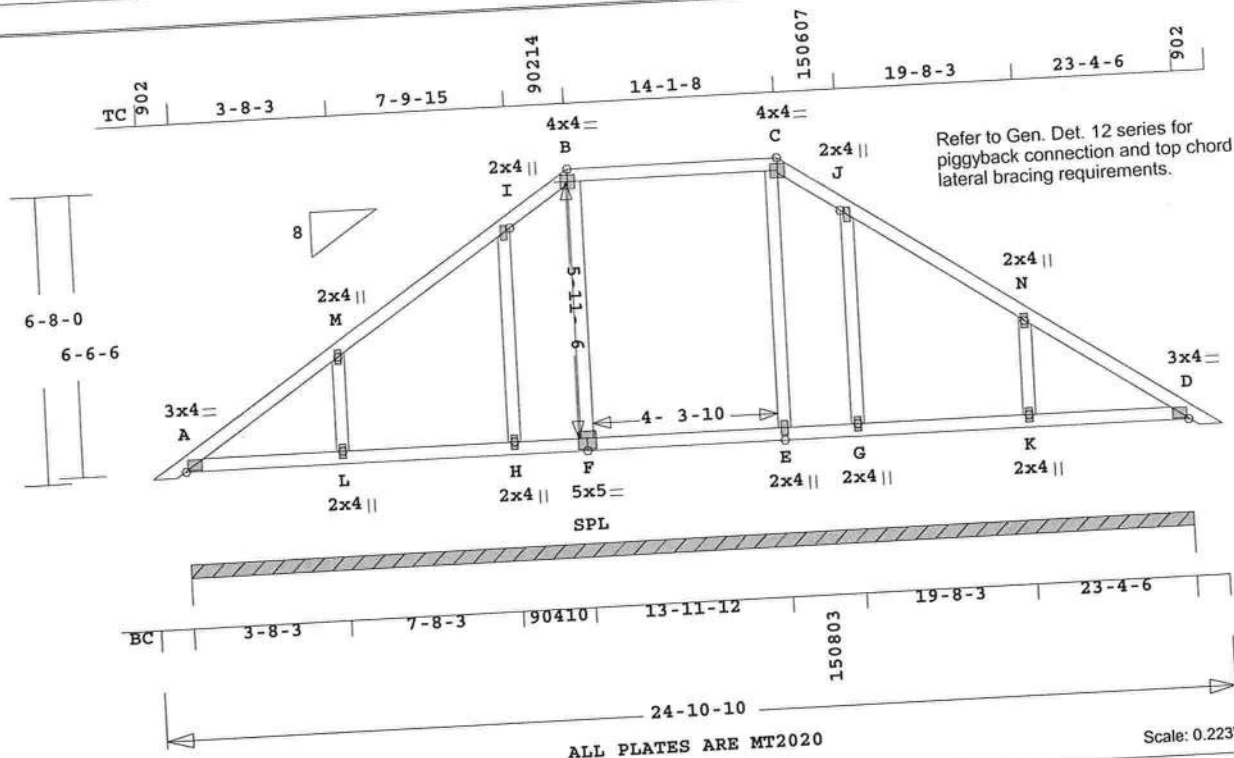
**AABROOME-GLENN**

GLENN

Mark  
**P3**

Quan 1 Type HIPP Span 241010 P1-H1 8 Left OH 9- 2 Right OH 9- 2

Engineering  
**T3710426**



ALL PLATES ARE MT2020

Scale: 0.223" = 1'

Robbins Engineering, Inc./Online Plus<sup>™</sup> APPROX. TRUSS WEIGHT: 148.6 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.20 2x 4 SP-#2  
BC 0.15 2x 4 SP-#2  
WB 0.08 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 24-10-10  
BC Cont. 0- 0- 0 24-10-10

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 2340 254 U 134 R

Jt Brg Size Required  
A 280.4" 0"-to- 280"

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

| Membr                   | CSI  | P     | Lbs  | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|------|---------|
| -----Top Chords-----    |      |       |      |      |         |
| A -M                    | 0.15 | 91 C  | 0.00 | 0.15 |         |
| M -I                    | 0.15 | 73 C  | 0.00 | 0.15 |         |
| I -B                    | 0.09 | 150 C | 0.00 | 0.09 |         |
| B -C                    | 0.20 | 143 T | 0.00 | 0.20 |         |
| C -J                    | 0.09 | 150 C | 0.00 | 0.09 |         |
| J -N                    | 0.15 | 73 C  | 0.00 | 0.15 |         |
| N -D                    | 0.15 | 91 C  | 0.00 | 0.15 |         |
| -----Bottom Chords----- |      |       |      |      |         |
| A -L                    | 0.13 | 2 T   | 0.00 | 0.13 |         |
| L -H                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| H -F                    | 0.15 | 0 T   | 0.00 | 0.15 |         |
| F -E                    | 0.15 | 0 T   | 0.00 | 0.15 |         |
| E -G                    | 0.15 | 0 T   | 0.00 | 0.15 |         |
| G -K                    | 0.13 | 0 T   | 0.00 | 0.13 |         |
| K -D                    | 0.13 | 2 T   | 0.00 | 0.13 |         |
| -----Webs-----          |      |       |      |      |         |

| L | M  | 0.03 | 262 C |
|---|----|------|-------|
| H | -I | 0.07 | 183 C |
| F | -B | 0.08 | 149 C |
| E | -C | 0.08 | 149 C |
| G | -J | 0.07 | 183 C |
| K | -N | 0.03 | 262 C |

TL Defl -0.01" in F -E L/999  
LL Defl -0.01" in F -E L/999  
Shear // Grain in B -C 0.17

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
M MT20 2.0x 4.0 Ctr Ctr 0.28  
I MT20 2.0x 4.0 Ctr Ctr 0.29  
B MT20 4.0x 4.0 Ctr Ctr 0.58  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
J MT20 2.0x 4.0 Ctr Ctr 0.29  
N MT20 2.0x 4.0 Ctr Ctr 0.28  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
L MT20 2.0x 4.0 Ctr Ctr 0.34  
H MT20 2.0x 4.0 Ctr Ctr 0.34  
F MT20 5.0x 5.0 Ctr-0.5 0.39  
E MT20 2.0x 4.0 Ctr Ctr 0.34  
G MT20 2.0x 4.0 Ctr Ctr 0.34  
K MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.

and any other member.  
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 7-05  
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 262 Lbs  
Max tens. force 221 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

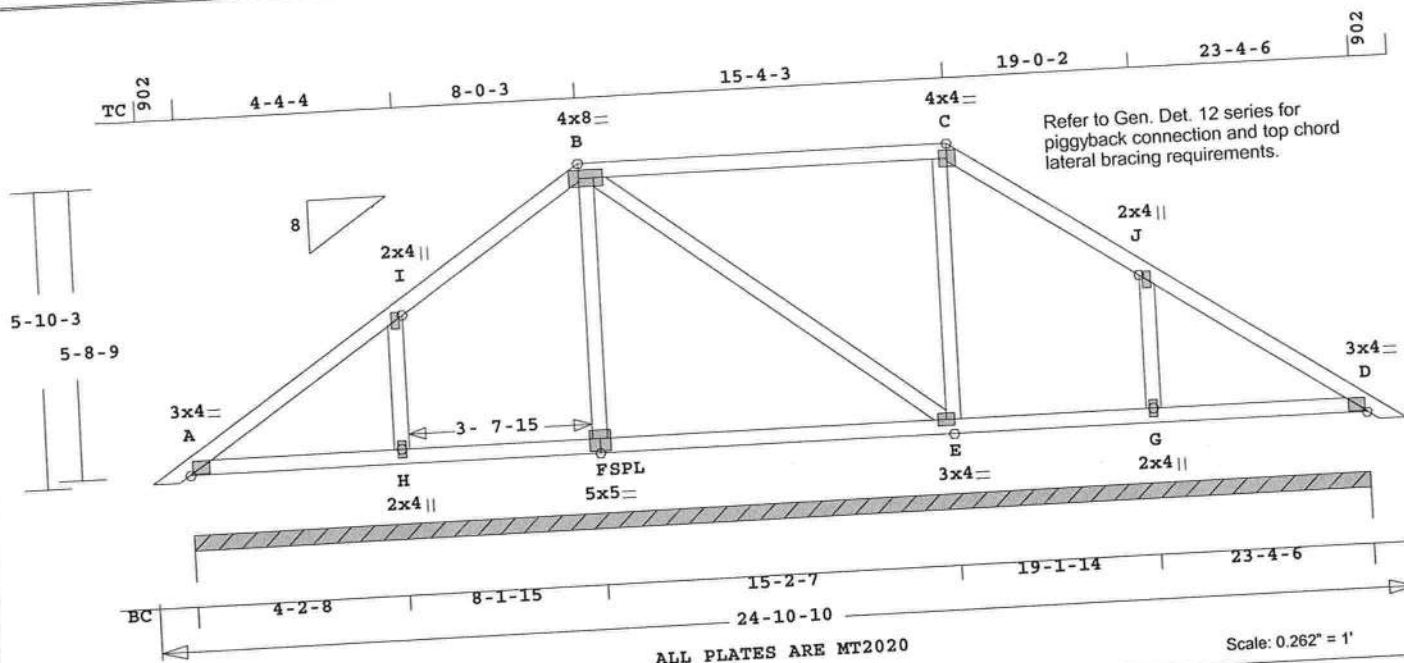


FL Cert. 6634

April 16, 2010

|                              |                   |                  |                     |                       |                   |                        |                         |                                |
|------------------------------|-------------------|------------------|---------------------|-----------------------|-------------------|------------------------|-------------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>P4</b> | Quan<br><b>1</b> | Type<br><b>HIPP</b> | Span<br><b>241010</b> | Pl-Hl<br><b>8</b> | Left OH<br><b>9- 2</b> | Right OH<br><b>9- 2</b> | Engineering<br><b>T3710427</b> |
|------------------------------|-------------------|------------------|---------------------|-----------------------|-------------------|------------------------|-------------------------|--------------------------------|

GLENN



ALL PLATES ARE MT2020

Scale: 0.262\" = 1'

Robbins Engineering, Inc./Online Plus<sup>™</sup> APPROX. TRUSS WEIGHT: 143.2 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

| CSI | Size      | Lumber |
|-----|-----------|--------|
| TC  | 0.43 2x 4 | SP-#2  |
| BC  | 0.21 2x 4 | SP-#2  |
| WB  | 0.20 2x 4 | SP-#2  |

Brace truss as follows:

| O.C.     | From    | To       |
|----------|---------|----------|
| TC Cont. | 0- 0- 0 | 24-10-10 |
| BC Cont. | 0- 0- 0 | 24-10-10 |

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 2164 | 254 U  | 116 R |

| Jt | Brg Size | Required    |
|----|----------|-------------|
| A  | 280.4"   | 0"-to- 280" |

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

| Membr                   | CSI  | P Lbs | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A - I                   | 0.15 | 91 C  | 0.01 | 0.14    |
| I - B                   | 0.14 | 140 C | 0.00 | 0.14    |
| B - C                   | 0.43 | 185 C | 0.00 | 0.43    |
| C - J                   | 0.17 | 177 C | 0.00 | 0.17    |
| J - D                   | 0.13 | 176 C | 0.00 | 0.13    |
| -----Bottom Chords----- |      |       |      |         |
| A - H                   | 0.12 | 2 T   | 0.00 | 0.12    |
| H - F                   | 0.21 | 0 T   | 0.00 | 0.21    |
| F - E                   | 0.21 | 0 T   | 0.00 | 0.21    |
| E - G                   | 0.21 | 0 T   | 0.00 | 0.21    |
| G - D                   | 0.12 | 1 T   | 0.00 | 0.12    |
| -----Webs-----          |      |       |      |         |

|       |      |       |
|-------|------|-------|
| H - I | 0.03 | 270 C |
| F - B | 0.20 | 455 C |
| B - E | 0.12 | 186 T |
| E - C | 0.10 | 237 C |
| G - J | 0.03 | 267 C |

|                |          |          |       |
|----------------|----------|----------|-------|
| TL Defl        | -0.09"   | in F - E | L/999 |
| LL Defl        | -0.04"   | in F - E | L/999 |
| Shear // Grain | in B - C | 0.26     |       |

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
I MT20 2.0x 4.0 Ctr Ctr 0.28  
B MT20 4.0x 8.0 Ctr Ctr 0.58  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
J MT20 2.0x 4.0 Ctr Ctr 0.28  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
H MT20 2.0x 4.0 Ctr Ctr 0.34  
F MT20 5.0x 5.0 Ctr-0.5 0.39  
E MT20 3.0x 4.0 Ctr Ctr 0.41  
G MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

#### NOTES:

Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

#### OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

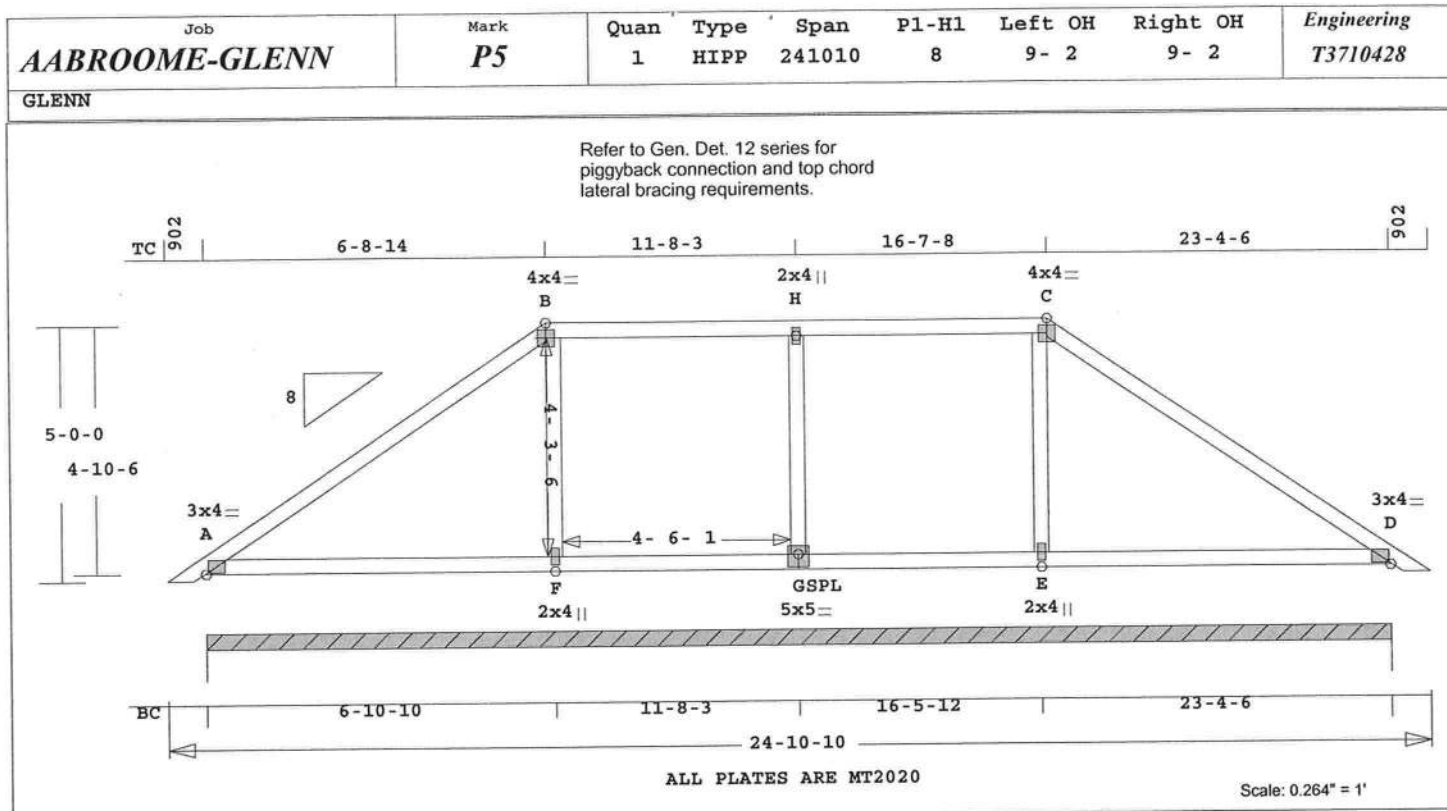
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor: 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
Max comp. force 455 Lbs  
Max tens. force 234 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 121.1 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

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

|    |      |      |       |
|----|------|------|-------|
| TC | 0.35 | 2x 4 | SP-#2 |
| BC | 0.26 | 2x 4 | SP-#2 |
| WB | 0.09 | 2x 4 | SP-#2 |

Brace truss as follows:

|          | O.C.    | From     | To |
|----------|---------|----------|----|
| TC Cont. | 0- 0- 0 | 24-10-10 |    |
| BC Cont. | 0- 0- 0 | 24-10-10 |    |

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

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 2231 | 254 U  | 97 R  |

| Jt | Brg Size | Required    |
|----|----------|-------------|
| A  | 280.4"   | 0"-to- 280" |

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

| Membr                   | CSI  | P     | Lbs  | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|------|---------|
| -----Top Chords-----    |      |       |      |      |         |
| A -B                    | 0.35 | 625 C | 0.00 | 0.35 |         |
| B -H                    | 0.20 | 575 C | 0.00 | 0.20 |         |
| H -C                    | 0.20 | 575 C | 0.00 | 0.20 |         |
| C -D                    | 0.35 | 625 C | 0.00 | 0.35 |         |
| -----Bottom Chords----- |      |       |      |      |         |
| A -F                    | 0.26 | 2 T   | 0.00 | 0.26 |         |
| F -G                    | 0.26 | 0 T   | 0.00 | 0.26 |         |
| G -E                    | 0.26 | 0 T   | 0.00 | 0.26 |         |
| E -D                    | 0.26 | 2 T   | 0.00 | 0.26 |         |
| -----Webs-----          |      |       |      |      |         |
| F -B                    | 0.01 | 109 T |      |      |         |
| G -H                    | 0.09 | 286 C |      |      |         |
| E -C                    | 0.01 | 109 T |      |      |         |

TL Defl -0.10" in A -F L/999  
LL Defl -0.04" in A -F L/999  
Shear // Grain in A -B 0.20

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
B MT20 4.0x 4.0 Ctr Ctr 0.58  
H MT20 2.0x 4.0 Ctr Ctr 0.34  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
F MT20 2.0x 4.0 Ctr Ctr 0.31  
G MT20 5.0x 5.0 Ctr-0.5 0.39  
E MT20 2.0x 4.0 Ctr Ctr 0.31

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
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 7-05  
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 625 Lbs  
Max tens. force 424 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



GLENN

TC 902

5-6-3

11-8-3

17-10-3

23-4-6

902

4-2-3

4-0-9

8

3x4 =

A

4x4 =

B

2x4 ||

H

4x4 =

C

5-8-12

2x4 ||

F

GSPL

5x5 =

E

2x4 ||

D

3x4 =

BC

5-7-15

11-8-3

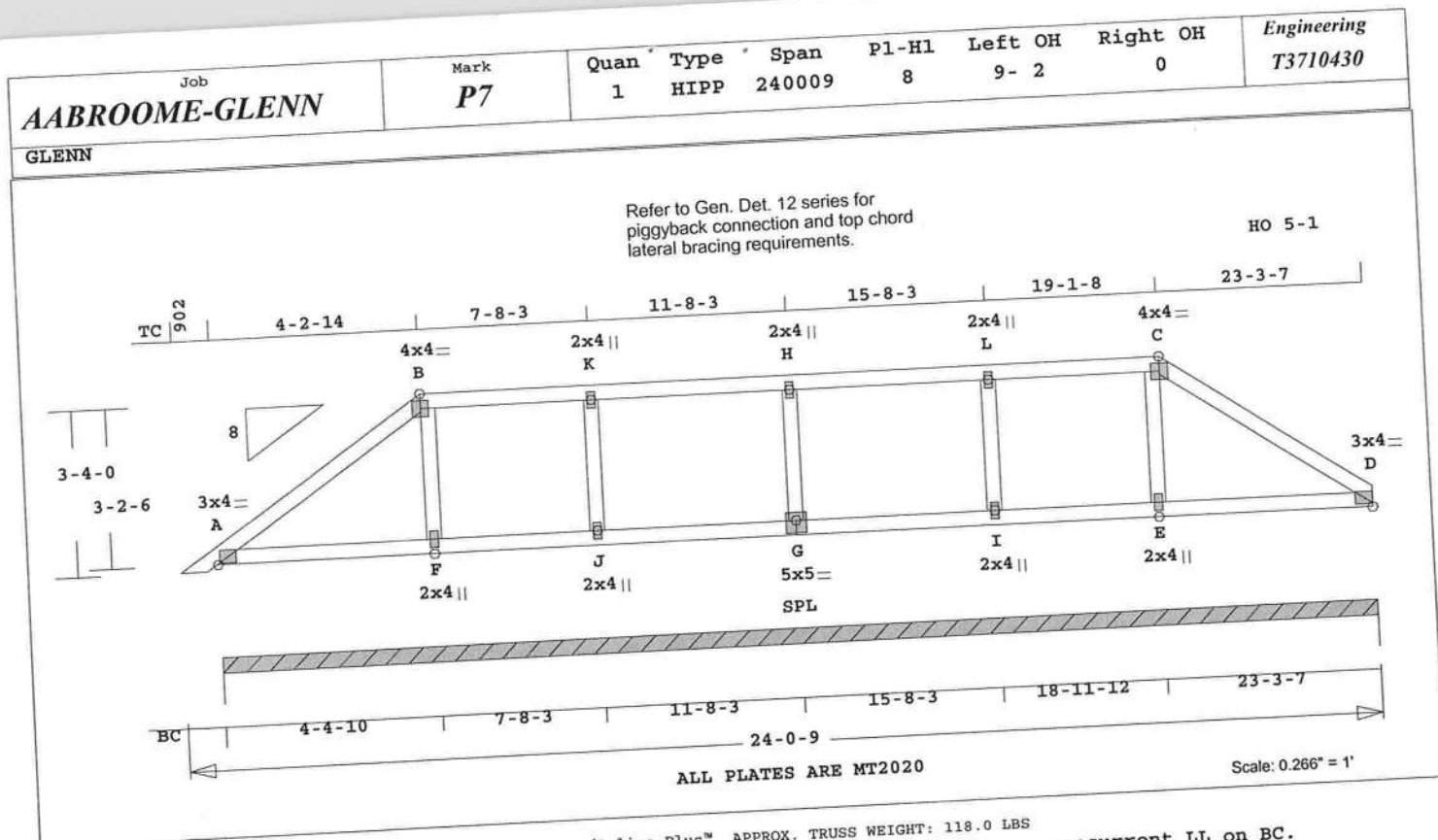
17-8-7

23-4-6

24-10-10

ALL PLATES ARE MT2020

April 16, 2010



Robbins Engineering, Inc./Online Plus<sup>TM</sup> APPROX. TRUSS WEIGHT: 118.0 LBS

Online Plus -- Version 26.0.009

RUN DATE: 16-APR-10

CSI -Size- ---Lumber---

TC 0.15 2x 4 SP-#2

BC 0.09 2x 4 SP-#2

WB 0.03 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 24- 0- 9

BC Cont. 0- 0- 0 24- 0- 9

psf-Ld Dead Live

TC 10.0 20.0

BC 10.0 0.0

TC+BC 20.0 20.0

Total 40.0 Spacing 24.0"

Lumber Duration Factor 1.25

Plate Duration Factor 1.25

TC Fb=1.15 Fc=1.10 Ft=1.10

BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt Down Uplift Horiz-

A 1864 251 U 60 R

Jt Brg Size Required

A 279.4" 0"-to- 279"

Plus 9 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

Top Chords

A -B 0.13 229 C 0.00 0.13

B -K 0.12 211 C 0.00 0.12

K -H 0.15 211 C 0.00 0.15

H -L 0.15 211 C 0.00 0.15

L -C 0.12 211 C 0.00 0.12

C -D 0.13 230 C 0.00 0.13

Bottom Chords

A -F 0.09 1 T 0.00 0.09

F -J 0.09 0 T 0.00 0.09

J -G 0.09 0 T 0.00 0.09

G -I 0.09 0 T 0.00 0.09

I -E 0.08 0 T 0.00 0.08

E -D 0.08 1 T 0.00 0.08

Webs

F -B 0.01 91 C

J -K 0.03 222 C

G -H 0.03 248 C

I -L 0.03 222 C

E -C 0.01 87 C

TL Defl -0.01" in A -F L/999

LL Defl -0.01" in A -F L/999

Shear // Grain in K -H 0.16

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A MT20 3.0x 4.0 Ctr Ctr 0.49

B MT20 4.0x 4.0 Ctr Ctr 0.58

K MT20 2.0x 4.0 Ctr Ctr 0.34

H MT20 2.0x 4.0 Ctr Ctr 0.34

L MT20 2.0x 4.0 Ctr Ctr 0.34

C MT20 4.0x 4.0 Ctr Ctr 0.58

D MT20 3.0x 4.0 Ctr Ctr 0.49

F MT20 2.0x 4.0 Ctr Ctr 0.34

J MT20 2.0x 4.0 Ctr Ctr 0.34

G MT20 5.0x 5.0 Ctr-0.5 0.39

I MT20 2.0x 4.0 Ctr Ctr 0.34

E MT20 2.0x 4.0 Ctr Ctr 0.34

REVIEWED BY:

Robbins Engineering, Inc.

6904 Parke East Blvd.

Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed

for 20.0 psf LL on the B.C.

in areas where a rectangle

3- 6- 0 tall by

2- 0- 0 wide

will fit between the B.C.

and any other member.

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 7-05

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 248 Lbs

Max tens. force 163 Lbs

Connector Plate Fabrication

Tolerance = 20%

This truss is designed for a

creep factor of 1.5 which

is used to calculate total

load deflection.

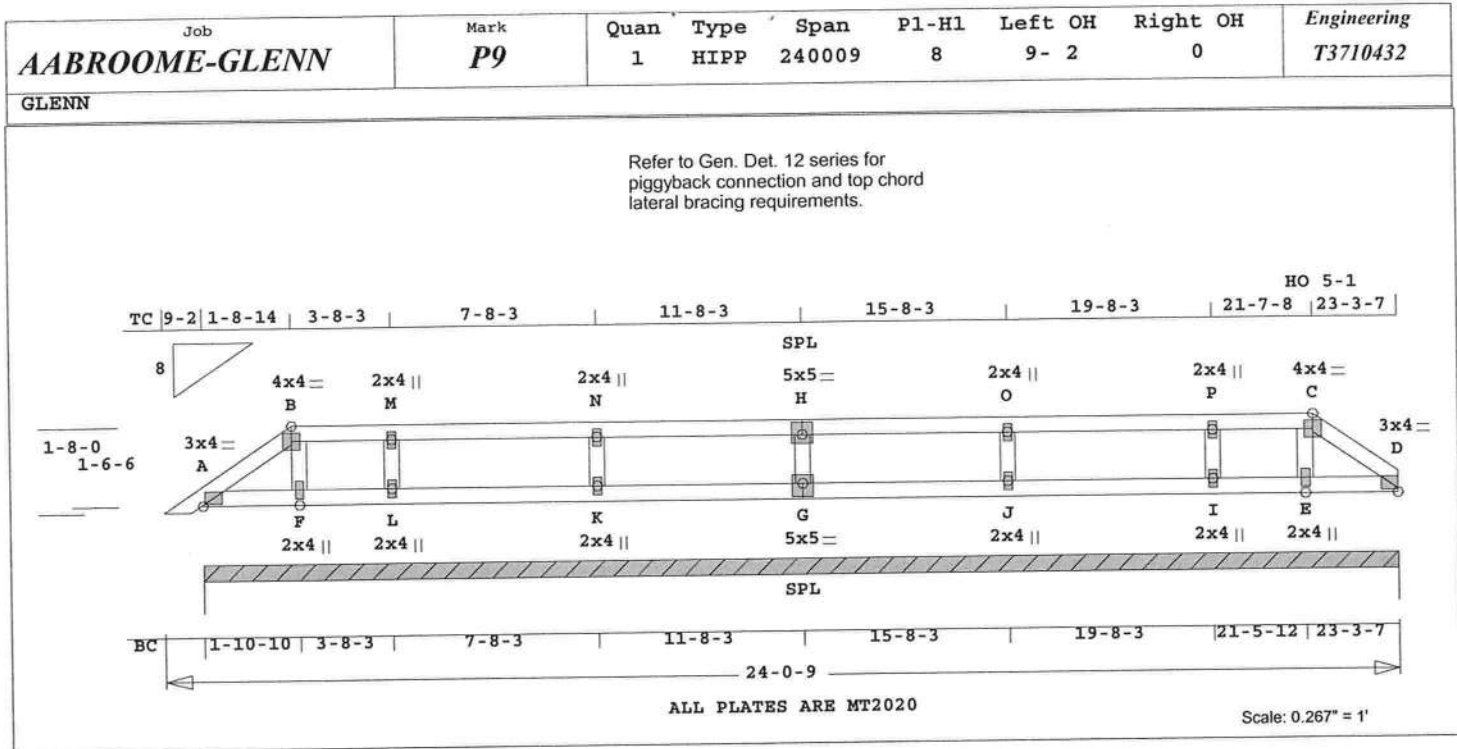


FL Cert. 6634

April 16, 2010







Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 103.9 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

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

|    |      |      |       |
|----|------|------|-------|
| TC | 0.15 | 2x 4 | SP-#2 |
| BC | 0.09 | 2x 4 | SP-#2 |
| WB | 0.02 | 2x 4 | SP-#2 |

Brace truss as follows:

|          |         |          |
|----------|---------|----------|
| O.C.     | From    | To       |
| TC Cont. | 0- 0- 0 | 24- 0- 9 |
| BC Cont. | 0- 0- 0 | 24- 0- 9 |

|                        |         |               |
|------------------------|---------|---------------|
| psf-Ld                 | Dead    | Live          |
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

Total Load Reactions (Lbs)

|    |      |        |        |
|----|------|--------|--------|
| Jt | Down | Uplift | Horiz- |
| A  | 1864 | 251 U  | 23 R   |

|    |          |             |
|----|----------|-------------|
| Jt | Brg Size | Required    |
| A  | 279.4"   | 0"-to- 279" |

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

| Membr                   | CSI  | P    | Lbs  | Ax1-CSI-Bnd |
|-------------------------|------|------|------|-------------|
| -----Top Chords-----    |      |      |      |             |
| A -B                    | 0.02 | 33 C | 0.00 | 0.02        |
| B -M                    | 0.10 | 30 C | 0.00 | 0.10        |
| M -N                    | 0.15 | 30 C | 0.00 | 0.15        |
| N -H                    | 0.15 | 30 C | 0.00 | 0.15        |
| H -O                    | 0.15 | 30 C | 0.00 | 0.15        |
| O -P                    | 0.15 | 30 C | 0.00 | 0.15        |
| P -C                    | 0.10 | 30 C | 0.00 | 0.10        |
| C -D                    | 0.02 | 34 C | 0.00 | 0.02        |
| -----Bottom Chords----- |      |      |      |             |
| A -F                    | 0.01 | 1 T  | 0.00 | 0.01        |
| F -L                    | 0.06 | 0 T  | 0.00 | 0.06        |
| L -K                    | 0.09 | 0 T  | 0.00 | 0.09        |
| K -G                    | 0.09 | 0 T  | 0.00 | 0.09        |
| G -J                    | 0.09 | 0 T  | 0.00 | 0.09        |
| J -I                    | 0.09 | 0 T  | 0.00 | 0.09        |
| I -E                    | 0.06 | 0 T  | 0.00 | 0.06        |
| E -D                    | 0.01 | 0 T  | 0.00 | 0.01        |
| -----Webs-----          |      |      |      |             |

|      |      |       |
|------|------|-------|
| F -B | 0.00 | 59 C  |
| L -M | 0.01 | 194 C |
| K -N | 0.02 | 249 C |
| G -H | 0.02 | 235 C |
| J -O | 0.02 | 249 C |
| I -P | 0.01 | 195 C |
| E -C | 0.00 | 57 C  |

TL Defl 0.00" in L -K L/999  
LL Defl 0.00" in L -K L/999  
Shear // Grain in M -N 0.16

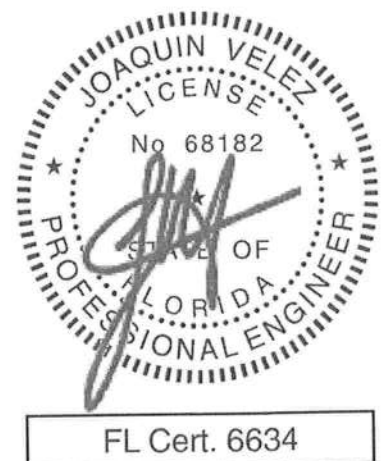
Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
B MT20 4.0x 4.0 Ctr Ctr 0.58  
M MT20 2.0x 4.0 Ctr Ctr 0.34  
N MT20 2.0x 4.0 Ctr Ctr 0.34  
H MT20 5.0x 5.0 Ctr 0.5 0.39  
O MT20 2.0x 4.0 Ctr Ctr 0.34  
P MT20 2.0x 4.0 Ctr Ctr 0.34  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
F MT20 2.0x 4.0 Ctr Ctr 0.34  
L MT20 2.0x 4.0 Ctr Ctr 0.34  
K MT20 2.0x 4.0 Ctr Ctr 0.34  
G MT20 5.0x 5.0 Ctr-0.5 0.39  
J MT20 2.0x 4.0 Ctr Ctr 0.34  
I MT20 2.0x 4.0 Ctr Ctr 0.34  
E MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by

2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
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 7-05  
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 249 Lbs  
Max tens. force 154 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



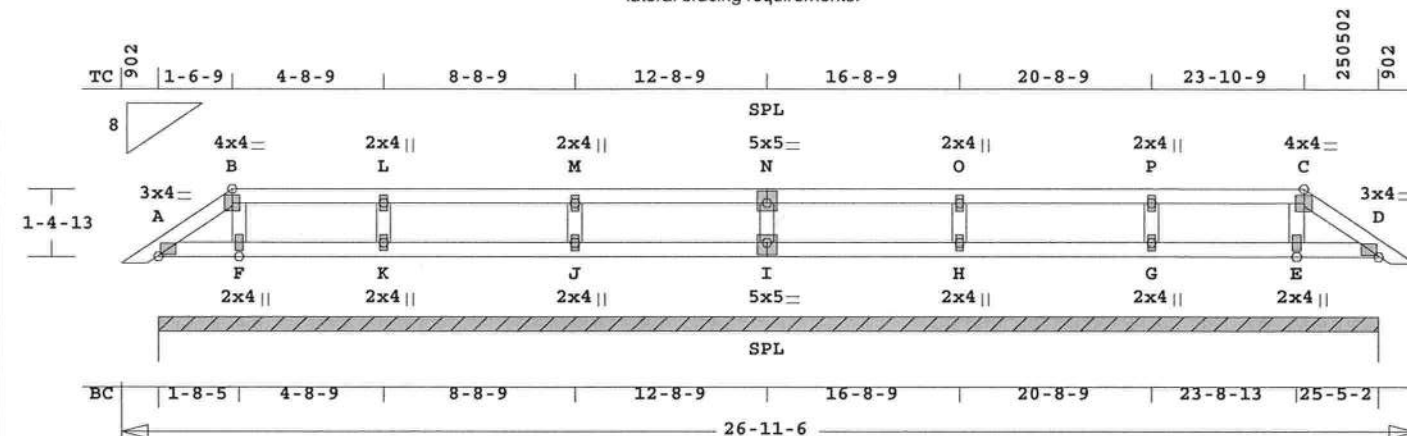
FL Cert. 6634

April 16, 2010

| Job                   | Mark       | Quan | Type | Span   | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>P10</b> | 1    | HIPP | 261106 | 8     | 9- 2    | 9- 2     | <b>T3710433</b> |

GLENN

Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.



Scale: 0.249" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 111.5 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.15 2x 4 SP-#2  
BC 0.08 2x 4 SP-#2  
WB 0.02 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From     | To |
|----------|---------|----------|----|
| TC Cont. | 0- 0- 0 | 26-11- 6 |    |
| BC Cont. | 0- 0- 0 | 26-11- 6 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 2036 | 276 U  | 21 R  |

| Jt | Brg Size | Required    |
|----|----------|-------------|
| A  | 305.1"   | 0"-to- 305" |

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

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

| Member | CSI  | P    | Lbs  | Ax1-Csi-Bnd |
|--------|------|------|------|-------------|
| A-B    | 0.01 | 20 C | 0.00 | 0.01        |
| B-L    | 0.12 | 22 C | 0.00 | 0.12        |
| L-M    | 0.15 | 22 C | 0.00 | 0.15        |
| M-N    | 0.15 | 22 C | 0.00 | 0.15        |
| N-O    | 0.15 | 22 C | 0.00 | 0.15        |
| O-P    | 0.15 | 22 C | 0.00 | 0.15        |
| P-C    | 0.12 | 22 C | 0.00 | 0.12        |
| C-D    | 0.01 | 20 C | 0.00 | 0.01        |

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

| Member | CSI  | P   | Lbs  | Ax1-Csi-Bnd |
|--------|------|-----|------|-------------|
| A-F    | 0.02 | 1 T | 0.00 | 0.02        |
| F-K    | 0.07 | 0 T | 0.00 | 0.07        |
| K-J    | 0.08 | 0 T | 0.00 | 0.08        |
| J-I    | 0.08 | 0 T | 0.00 | 0.08        |
| I-H    | 0.08 | 0 T | 0.00 | 0.08        |
| H-G    | 0.08 | 0 T | 0.00 | 0.08        |
| G-E    | 0.07 | 0 T | 0.00 | 0.07        |
| E-D    | 0.02 | 1 T | 0.00 | 0.02        |

-----Webs-----  
F-B 0.01 112 C  
K-L 0.02 225 C  
J-M 0.02 244 C  
I-N 0.02 238 C  
H-O 0.02 244 C  
G-P 0.02 225 C  
E-C 0.01 112 C

TL Defl 0.00" in K-J L/999  
LL Defl 0.00" in K-J L/999  
Shear // Grain in L-M 0.16

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.49  
B MT20 4.0x 4.0 Ctr Ctr 0.58  
L MT20 2.0x 4.0 Ctr Ctr 0.34  
M MT20 2.0x 4.0 Ctr Ctr 0.34  
N MT20 5.0x 5.0 Ctr 0.5 0.39  
O MT20 2.0x 4.0 Ctr Ctr 0.34  
P MT20 2.0x 4.0 Ctr Ctr 0.34  
C MT20 4.0x 4.0 Ctr Ctr 0.58  
D MT20 3.0x 4.0 Ctr Ctr 0.49  
F MT20 2.0x 4.0 Ctr Ctr 0.34  
K MT20 2.0x 4.0 Ctr Ctr 0.34  
J MT20 2.0x 4.0 Ctr Ctr 0.34  
I MT20 5.0x 5.0 Ctr 0.5 0.39  
H MT20 2.0x 4.0 Ctr Ctr 0.34  
G MT20 2.0x 4.0 Ctr Ctr 0.34  
E MT20 2.0x 4.0 Ctr Ctr 0.34

REVIEWED BY:

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

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.

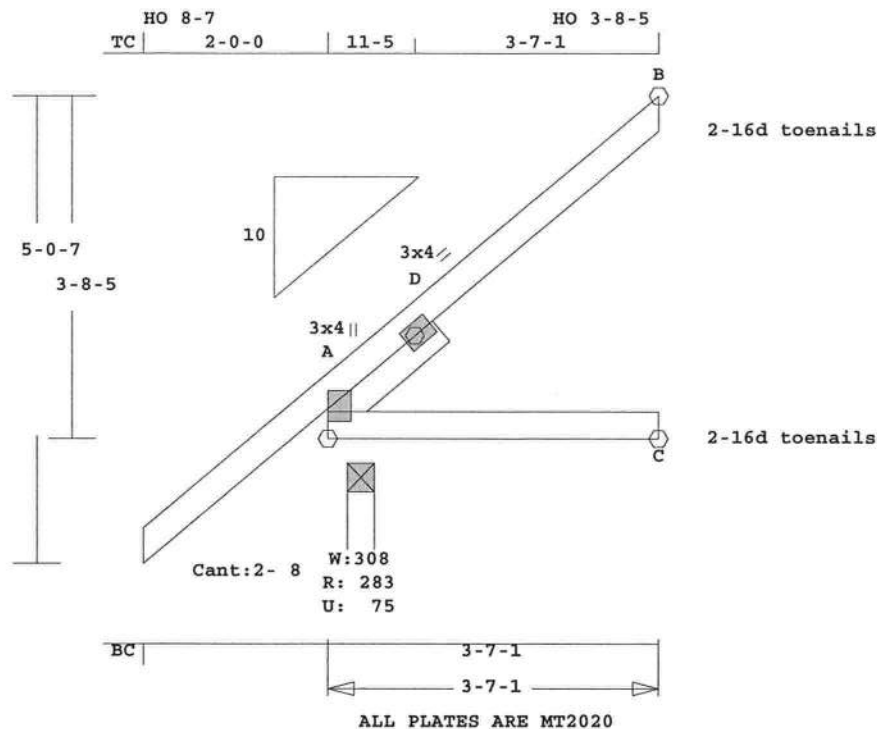
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Refer to Gen Det 3 series for  
web bracing and plating.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
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 244 Lbs  
Max tens. force 151 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634



| Job                   | Mark      | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|-----------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J4</b> | 1    | JCA2 | 30701 | 10    | 2- 0- 0 | 0        | <b>T3710435</b> |
| GLENN                 |           |      |      |       |       |         |          |                 |



Scale: 0.480" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.8 LBS  
 Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
 TC 0.16 2x 4 SP-#2  
 BC 0.20 2x 4 SP-#2  
 SL 0.01 2x 4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 3- 7- 1  
 BC Cont. 0- 0- 0 3- 7- 1

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

Total Load Reactions (Lbs)  
 Jt Down Uplift Horiz-  
 A 283 75 U 152 R  
 C 66 34 U  
 B 103 72 U 62 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd  
 -----Top Chords-----  
 A -D 0.12 247 T 0.00 0.12  
 D -B 0.16 99 C 0.00 0.16  
 -----Bottom Chords-----  
 A -C 0.20 0 T 0.00 0.20  
 -----Sliders-----  
 A -D 0.01 217 C

TL Defl -0.01" in A -C L/999  
 LL Defl 0.00" in A -C L/999  
 Shear // Grain in A -C 0.18

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 3.0x 4.0 1.5 0.6 0.95  
 D MT20 3.0x 4.0 Ctr Ctr 0.09

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

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

For proper installation of  
 toe-nails, refer to the 2005  
 National Design Specification  
 (NDS) for Wood Construction

NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0

This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 Truss is designed as  
 Components and Claddings\*  
 for Exterior zone location.  
 Wind Speed: 110 mph

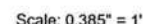
Mean Roof Height: 15-0  
 Exposure Category: B  
 Occupancy Factor : 1.00  
 Building Type: Enclosed  
 TC Dead Load: 5.0 psf  
 BC Dead Load: 5.0 psf  
 User-defined wind-exposed BC  
 regions --From-- ---To---  
 0- 2- 8 3- 7- 1  
 Max comp. force 217 Lbs  
 Max tens. force 247 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



FL Cert. 6634

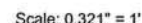


GLENN



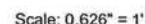
FL Cert. 6634

GLENN



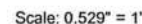
Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.7 LBS

GLENN



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.2 LBS

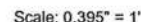
GLENN



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.6 LBS



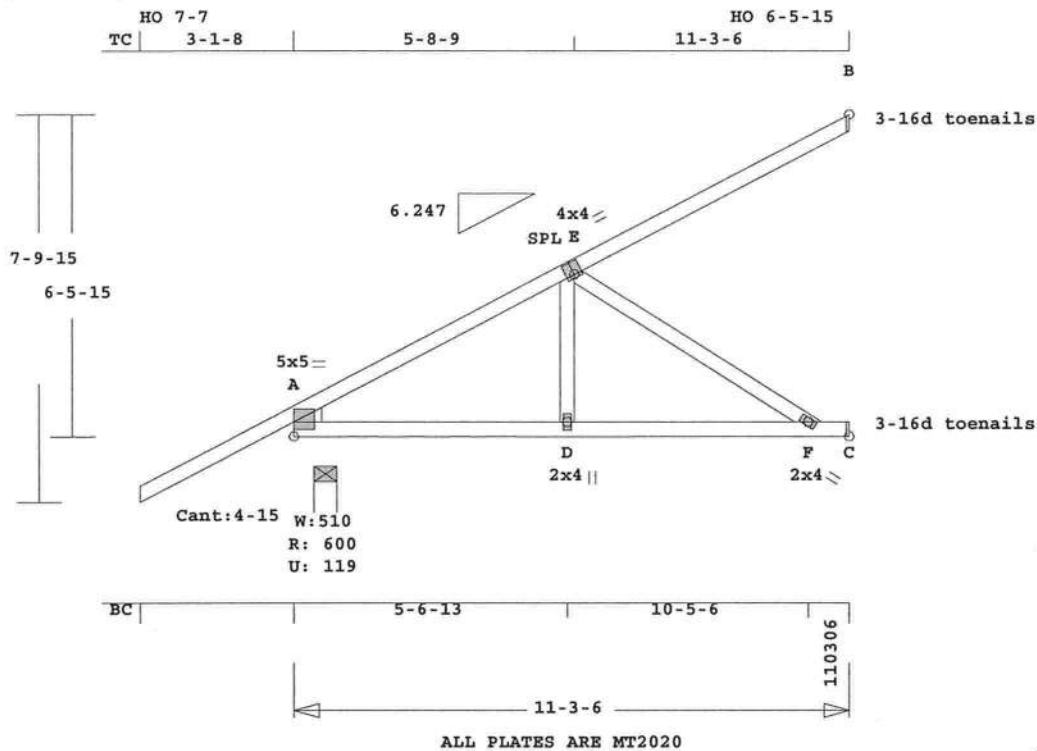
GLENN



April 16, 2010

| Job                   | Mark       | Quan | Type    | Span   | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|---------|--------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>CJI</b> | 1    | MONO.DD | 110306 | 6.247 | 3- 1- 8 | 0        | <b>T3710441</b> |

GLENN



ALL PLATES ARE MT2020

Scale: 0.256" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 69.9 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.72 2x 4 SP-#2  
BC 0.52 2x 4 SP-#2  
WB 0.32 2x 4 SP-#2  
WG --- 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 10-11-14  
BC Cont. 0- 0- 0 10-11-14

psf-Ld Dead Live  
TC 10.0 20.0  
BC 10.0 0.0  
TC+BC 20.0 20.0  
Total 40.0 Spacing 24.0"  
Lumber Duration Factor 1.25  
Plate Duration Factor 1.25  
TC Fb=1.00 Fc=1.00 Ft=1.00  
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 600 120 U 457 R  
C 417 145 U  
B 307 143 U 144 R

Jt Brg Size Required  
A 5.6" 1.5"  
C 3.5" 1.5"  
B 1.5" 1.5"

LC# 1 Girder Loading  
Dur Pctrs - Lbr 1.25 Plt 1.25  
plf - Dead Live\* From To  
TC V 20 40 0.0' 11.3'  
BC V 20 0 0.0' 11.3'  
TC V -20 -40 0.0' 11.3'  
BC V -20 0 0.0' 11.3'

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

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

A -E 0.51 534 C 0.04 0.47  
E -B 0.72 226 C 0.00 0.72  
-----Bottom Chords-----  
A -D 0.46 749 C 0.09 0.37  
D -F 0.52 749 C 0.05 0.47  
F -C 0.37 0 T 0.00 0.37  
-----Webs-----  
D -E 0.05 319 C  
E -F 0.32 884 T

TL Defl -0.21" in D -F L/584  
LL Defl -0.08" in D -F L/999  
Shear // Grain in F -C 0.52

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 5.0x 5.0 2.5 1.6 0.64  
E MT20 4.0x 4.0-0.5 0.9 0.78  
D MT20 2.0x 4.0 Ctr Ctr 0.28  
F MT20 2.0x 4.0 Ctr Ctr 0.58

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

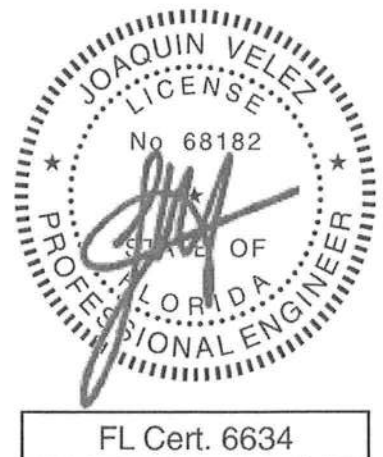
REFER TO ROBBINS ENG. GENERAL  
NOTES AND SYMBOLS SHEET FOR  
ADDITIONAL SPECIFICATIONS.

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

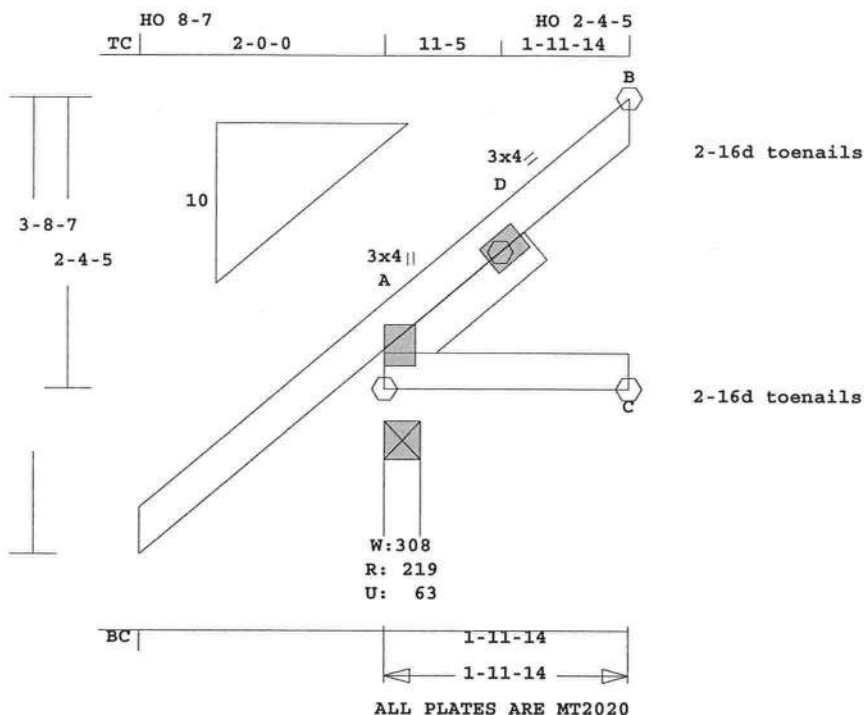
Girder King Jack  
Loading TC and BC  
Setback 7- 0- 0  
OH Loading  
Soffit psf 2.0  
Design checked for 10 psf non-  
concurrent LL on BC.  
Use properly rated hangers for

loads framing into girder  
truss.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 4-15 11- 3- 6  
Max comp. force 749 Lbs  
Max tens. force 884 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J21</b> | 1    | JCA2 | 11114 | 10    | 2- 0- 0 | 0        | <b>T3710442</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Scale: 0.638" = 1'

Robbins Engineering, Inc./Online Plus<sup>™</sup> APPROX. TRUSS WEIGHT: 16.9 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.05 2x 4 SP-#2  
BC 0.05 2x 4 SP-#2  
SL 0.00 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 1-11-14 |    |
| BC Cont. | 0- 0- 0 | 1-11-14 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 219  | 63 U   | 84 R   |
| C  | 36   | 20 U   |        |
| B  | 58   | 45 U   | 35 R   |

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

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

| Membr                   | CSI  | P Lbs | Axl-CSI-Bnd |
|-------------------------|------|-------|-------------|
| -----Top Chords-----    |      |       |             |
| A -D                    | 0.05 | 68 T  | 0.00 0.05   |
| D -B                    | 0.05 | 58 C  | 0.00 0.05   |
| -----Bottom Chords----- |      |       |             |
| A -C                    | 0.05 | 0 T   | 0.00 0.05   |
| -----Sliders-----       |      |       |             |
| A -D                    | 0.00 | 68 C  |             |

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.08

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6904 Parke East Blvd.  
Tampa, FL 33610

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings\*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 0- 0 1-11-14

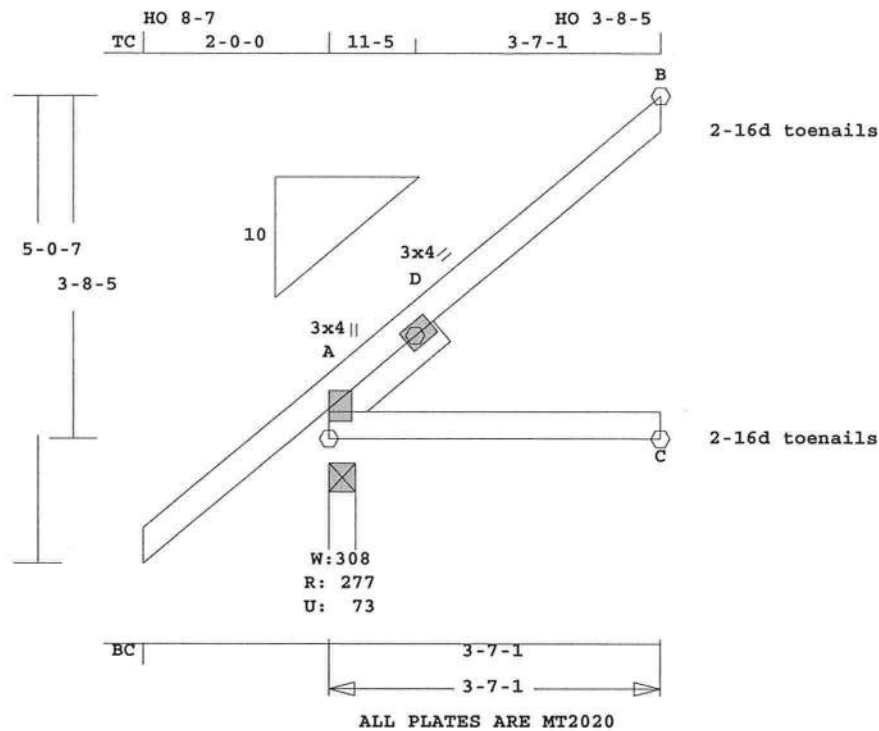
Max comp. force 68 Lbs  
Max tens. force 68 Lbs  
Connector Plate Fabrication  
Tolerance = 20%

This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J20</b> | 1    | JCA2 | 30701 | 10    | 2- 0- 0 | 0        | <b>T3710443</b> |
| GLENN                 |            |      |      |       |       |         |          |                 |



Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
 TC 0.16 2x 4 SP-#2  
 BC 0.20 2x 4 SP-#2  
 SL 0.01 2x 4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 3- 7- 1  
 BC Cont. 0- 0- 0 3- 7- 1

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

Total Load Reactions (Lbs)  
 Jt Down Uplift Horiz-  
 A 278 74 U 152 R  
 C 67 34 U  
 B 103 72 U 62 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd  
 -----Top Chords-----  
 A -D 0.13 250 T 0.00 0.13  
 D -B 0.16 101 C 0.00 0.16  
 -----Bottom Chords-----  
 A -C 0.20 0 T 0.00 0.20  
 -----Sliders-----  
 A -D 0.01 221 C

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.8 LBS

TL Defl -0.01" in A -C L/999  
 LL Defl 0.00" in A -C L/999  
 Shear // Grain in A -C 0.18

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 3.0x 4.0 1.5 0.6 0.95  
 D MT20 3.0x 4.0 Ctr Ctr 0.09

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

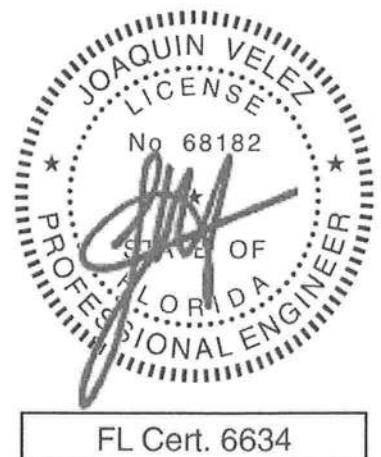
REFER TO ROBBINS ENG. GENERAL  
 NOTES AND SYMBOLS SHEET FOR  
 ADDITIONAL SPECIFICATIONS.

For proper installation of  
 toe-nails, refer to the 2005  
 National Design Specification  
 (NDS) for Wood Construction

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

FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0  
 This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 Truss is designed as  
 Components and Claddings\*  
 for Exterior zone location.  
 Wind Speed: 110 mph

Mean Roof Height: 15-0  
 Exposure Category: B  
 Occupancy Factor : 1.00  
 Building Type: Enclosed  
 TC Dead Load: 5.0 psf  
 BC Dead Load: 5.0 psf  
 User-defined wind-exposed BC  
 regions --From-- ---To---  
 0- 0- 0 3- 7- 1  
 Max comp. force 221 Lbs  
 Max tens. force 250 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



FL Cert. 6634



HO 8-7  
TC 2-0-0 11-5 5-2-5 HO 5-0-6

6-4-8  
5-0-6

10

3x4  
D

3x4  
A

3x4  
C

2-16d toenails

2-16d toenails

W: 308  
R: 340  
U: 85

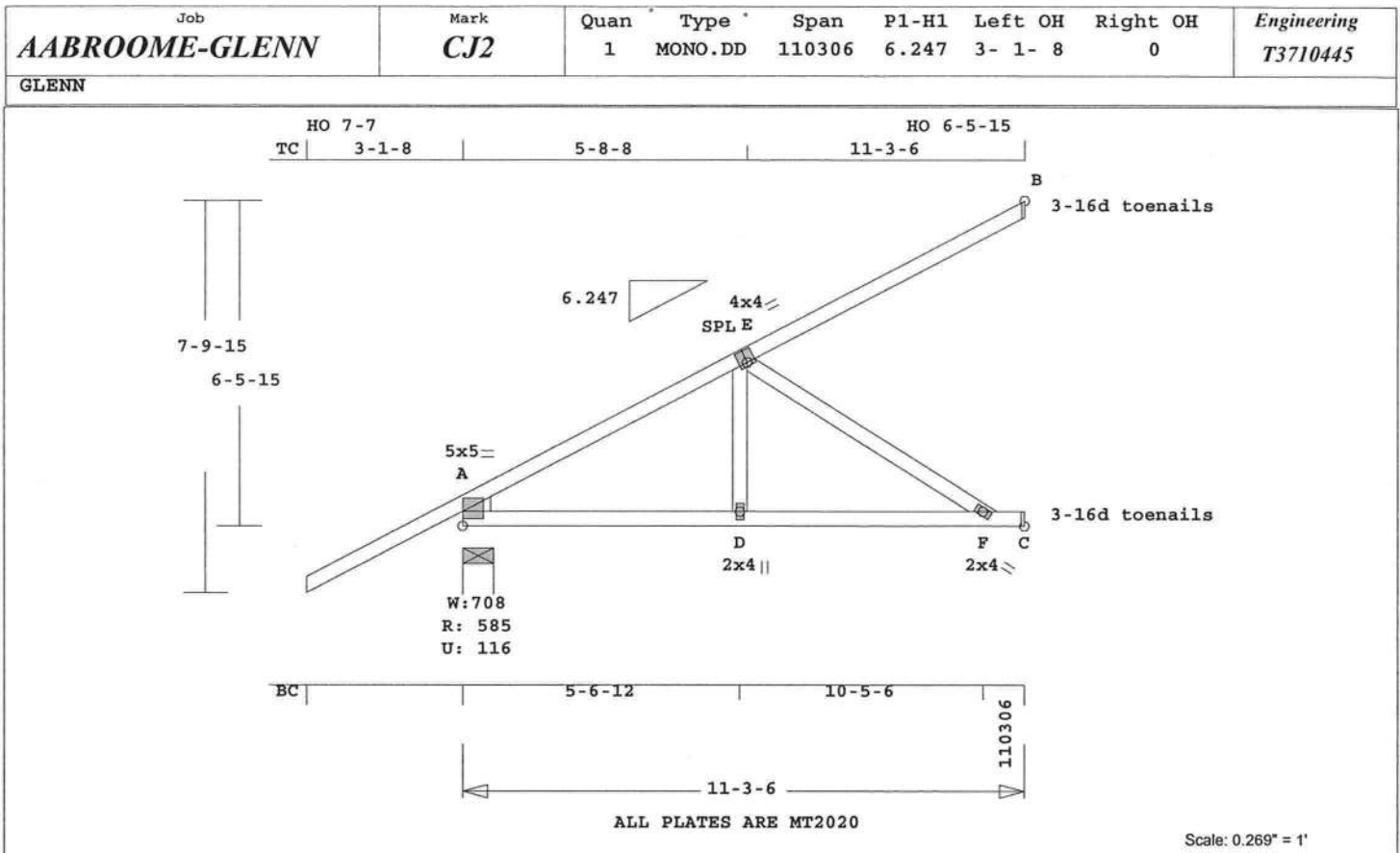
BC 5-2-5 5-2-5

ALL PLATES ARE MT2020

Scale: 0.385" = 1'

Scale: 0.385" = 1'

April 16, 2010



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 70.0 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber-----  
TC 0.71 2x 4 SP-#2  
BC 0.52 2x 4 SP-#2  
WB 0.35 2x 4 SP-#2  
WG --- 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From     | To |
|----------|---------|----------|----|
| TC Cont. | 0- 0- 1 | 10-11-15 |    |
| BC Cont. | 0- 0- 1 | 10-11-15 |    |

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.00             | Fc=1.00 | Ft=1.00       |
| BC Fb=1.00             | Fc=1.00 | Ft=1.00       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 586  | 117 U  | 457 R  |
| C  | 427  | 149 U  |        |
| B  | 304  | 143 U  | 144 R  |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 7.5"     | 1.5"     |
| C  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

LC# 1 Girder Loading  
Dur Fctrs - Lbr 1.25 Plt 1.25  
plf - Dead Live\* From To  
TC V 20 40 0.0' 11.3'  
BC V 20 0 0.0' 11.3'  
TC V -20 -40 0.0' 11.3'  
BC V -20 0 0.0' 11.3'

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

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

|                         | A-E  | 0.55  | 570 C | 0.05 | 0.50 |
|-------------------------|------|-------|-------|------|------|
| E-B                     | 0.71 | 225 C | 0.00  | 0.71 |      |
| -----Bottom Chords----- |      |       |       |      |      |
| A-D                     | 0.34 | 781 C | 0.06  | 0.28 |      |
| D-F                     | 0.52 | 781 C | 0.06  | 0.46 |      |
| F-C                     | 0.38 | 0 T   | 0.00  | 0.38 |      |
| -----Webs-----          |      |       |       |      |      |
| D-E                     | 0.05 | 341 C |       |      |      |
| E-F                     | 0.35 | 922 T |       |      |      |

|                | TL Defl | -0.20"                          | in D-F | L/621 |
|----------------|---------|---------------------------------|--------|-------|
| LL Defl        | -0.08"  | in D-F <td>L/999</td> <td></td> | L/999  |       |
| Shear // Grain | in F-C  | 0.54                            |        |       |

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 5.0x 5.0 2.5 1.6 0.64  
E MT20 4.0x 4.0-0.5 0.9 0.82  
D MT20 2.0x 4.0 Ctr Ctr 0.29  
F MT20 2.0x 4.0 Ctr Ctr 0.61

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:  
Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007  
TPI 2002

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

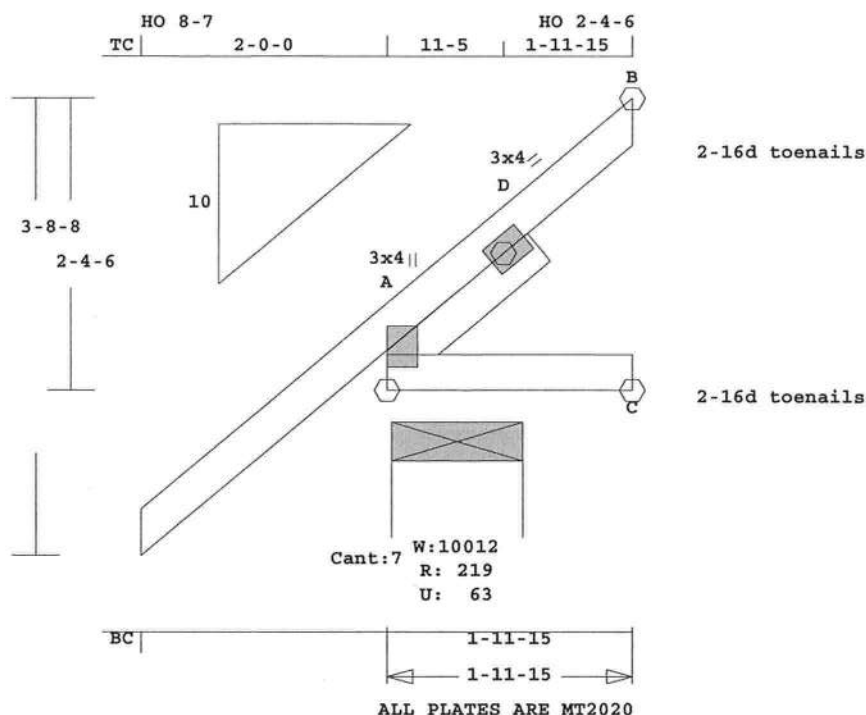
loads framing into girder  
truss.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 1 11- 3- 7  
Max comp. force 781 Lbs  
Max tens. force 922 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

|                              |                    |           |              |               |             |                    |               |                                |
|------------------------------|--------------------|-----------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>J24</b> | Quan<br>1 | Type<br>JCA2 | Span<br>11115 | Pl-H1<br>10 | Left OH<br>2- 0- 0 | Right OH<br>0 | Engineering<br><b>T3710446</b> |
|------------------------------|--------------------|-----------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|

GLENN



Scale: 0.637" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.9 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.05 2x 4 SP-#2  
BC 0.05 2x 4 SP-#2  
SL 0.00 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 1-11-15  
BC Cont. 0- 0- 0 1-11-15

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 219 63 U 85 R  
C 36 20 U  
B 59 45 U 35 R

Jt Brg Size Required  
A 12.8" 1.5"  
C 3.5" 1.5"  
B 1.5" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -D 0.05 68 T 0.00 0.05  
D -B 0.05 58 C 0.00 0.05  
-----Bottom Chords-----  
A -C 0.05 0 T 0.00 0.05  
-----Sliders-----  
A -D 0.00 68 C

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.08

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

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ADDITIONAL SPECIFICATIONS.

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

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

FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide

will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 0- 7 1-11-15  
Max comp. force 68 Lbs  
Max tens. force 68 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

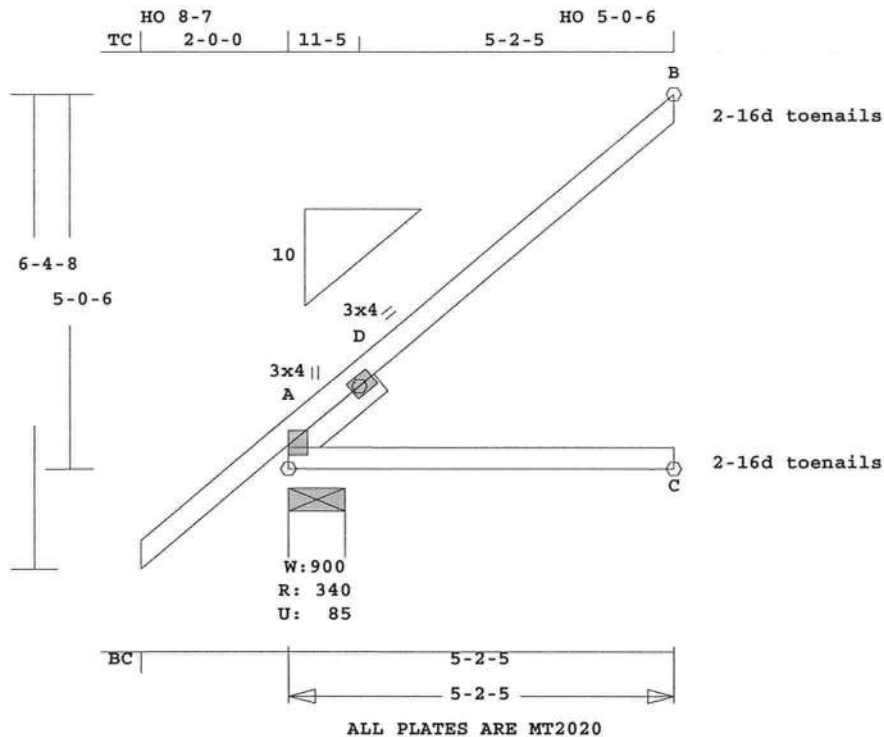


FL Cert. 6634





| Job                   | Mark       | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J10</b> | 2    | JCA2 | 50205 | 10    | 2- 0- 0 | 0        | <b>T3710448</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Scale: 0.385" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 30.8 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.27 2x 4 SP-#2  
BC 0.28 2x 4 SP-#2  
SL 0.02 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 5- 2- 5  
BC Cont. 0- 0- 0 5- 2- 5

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 340 86 U 220 R  
C 99  
B 180 95 U 90 R

Jt Brg Size Required  
A 9.0" 1.5"  
C 3.5" 1.5"  
B 1.5" 1.5"

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

Membr CSI P Lbs Axl-Csi-Bnd  
-----Top Chords-----  
A -D 0.08 325 C 0.03 0.05  
D -B 0.27 124 C 0.01 0.26  
-----Bottom Chords-----  
A -C 0.28 0 T 0.00 0.28  
-----Sliders-----  
A -D 0.02 202 T

TL Defl -0.06" in A -C L/904  
LL Defl -0.02" in A -C L/999  
Shear // Grain in D -B 0.13

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.09

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

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toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

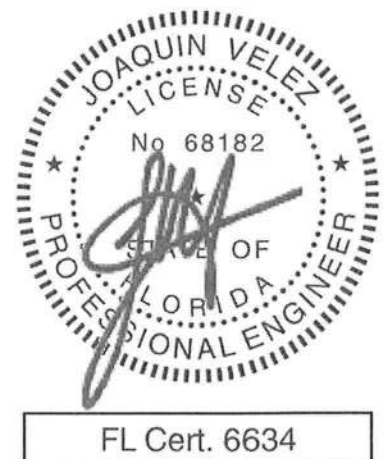
NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:

FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

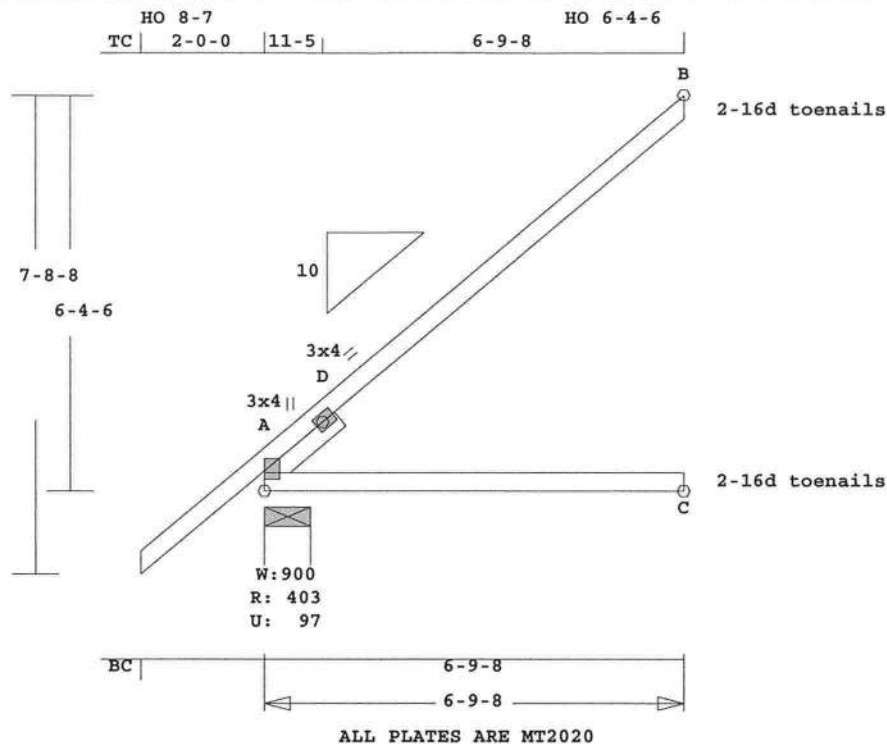
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
Max comp. force 325 Lbs  
Max tens. force 236 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | P1-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J27</b> | 1    | JCA2 | 60908 | 10    | 2- 0- 0 | 0        | <b>T3710449</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.7 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.57 2x 4 SP-#2  
BC 0.70 2x 4 SP-#2  
SL 0.06 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 6- 9- 8  
BC Cont. 0- 0- 0 6- 9- 8

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 403 97 U 280 R  
C 130 60 U  
B 195 131 U 118 R

Jt Brg Size Required  
A 9.0" 1.5"  
C 3.5" 1.5"  
B 1.5" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -D 0.37 882 T 0.11 0.26  
D -B 0.57 180 C 0.00 0.57  
-----Bottom Chords-----  
A -C 0.70 0 T 0.00 0.70  
-----Sliders-----  
A -D 0.06 866 C

TL Defl -0.17" in A -C L/401  
LL Defl -0.07" in A -C L/995  
Shear // Grain in A -C 0.32

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.35

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

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

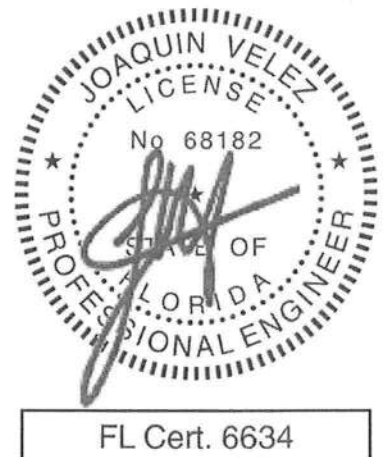
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide

will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

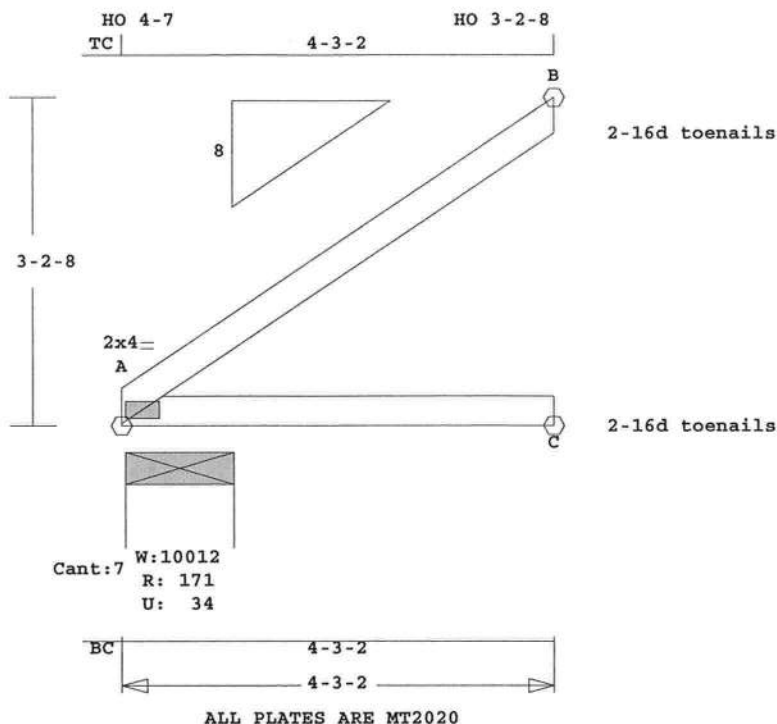
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 0- 0 6- 9- 8  
Max comp. force 866 Lbs  
Max tens. force 882 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



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April 16, 2010

| Job                   | Mark       | Quan | Type | Span  | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J26</b> | 1    | JCA2 | 40302 | 8     | 0       | 0        | <b>T3710450</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Scale: 0.529" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 18.1 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber-----  
TC 0.19 2x 4 SP-#2  
BC 0.26 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 4- 3- 2 |    |
| BC Cont. | 0- 0- 0 | 4- 3- 2 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 171  | 35 U   | 147 R  |
| C  | 82   | 32 U   |        |
| B  | 115  | 67 U   | 59 R   |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 12.8"    | 1.5"     |
| C  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

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

| Membr                   | CSI  | P Lbs | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A -B                    | 0.19 | 89 C  | 0.00 | 0.19    |
| -----Bottom Chords----- |      |       |      |         |
| A -C                    | 0.26 | 0 T   | 0.00 | 0.26    |

TL Defl -0.02" in A -C L/999  
LL Defl -0.01" in A -C L/999  
Shear // Grain in A -C 0.21

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 2.0x 4.0 Ctr Ctr 0.59

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC

regions --From-- ---To---  
0- 0- 7 4- 3- 2  
Max comp. force 89 Lbs  
Max tens. force 46 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

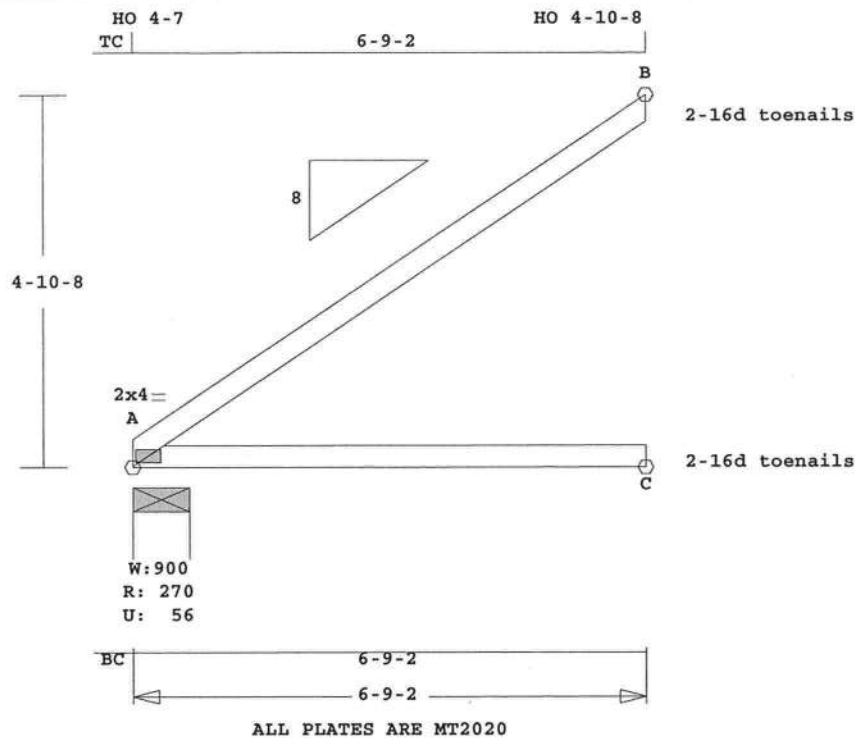


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April 16, 2010

|                              |                    |           |              |               |            |              |               |                                |
|------------------------------|--------------------|-----------|--------------|---------------|------------|--------------|---------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>J25</b> | Quan<br>1 | Type<br>JCA2 | Span<br>60902 | Pl-H1<br>8 | Left OH<br>0 | Right OH<br>0 | Engineering<br><b>T3710451</b> |
|------------------------------|--------------------|-----------|--------------|---------------|------------|--------------|---------------|--------------------------------|

GLENN



Scale: 0.395" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.5 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.48 2x 4 SP-#2  
BC 0.62 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 6- 9- 2 |    |
| BC Cont. | 0- 0- 0 | 6- 9- 2 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 271  | 57 U   | 225 R  |
| C  | 129  | 49 U   |        |
| B  | 182  | 105 U  | 93 R   |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.5"     |
| C  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

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

| Membr                   | CSI  | P Lbs | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A -B                    | 0.48 | 135 C | 0.00 | 0.48    |
| -----Bottom Chords----- |      |       |      |         |
| A -C                    | 0.62 | 0 T   | 0.00 | 0.62    |

TL Defl -0.17" in A -C L/413  
LL Defl -0.07" in A -C L/999  
Shear // Grain in A -C 0.31

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 2.0x 4.0 Ctr Ctr 0.59

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

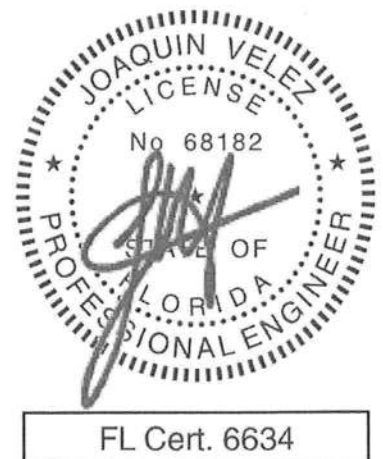
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05  
Truss is designed as

Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC

regions --From-- ---To---  
0- 0- 0 6- 9- 2  
Max comp. force 135 Lbs  
Max tens. force 73 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

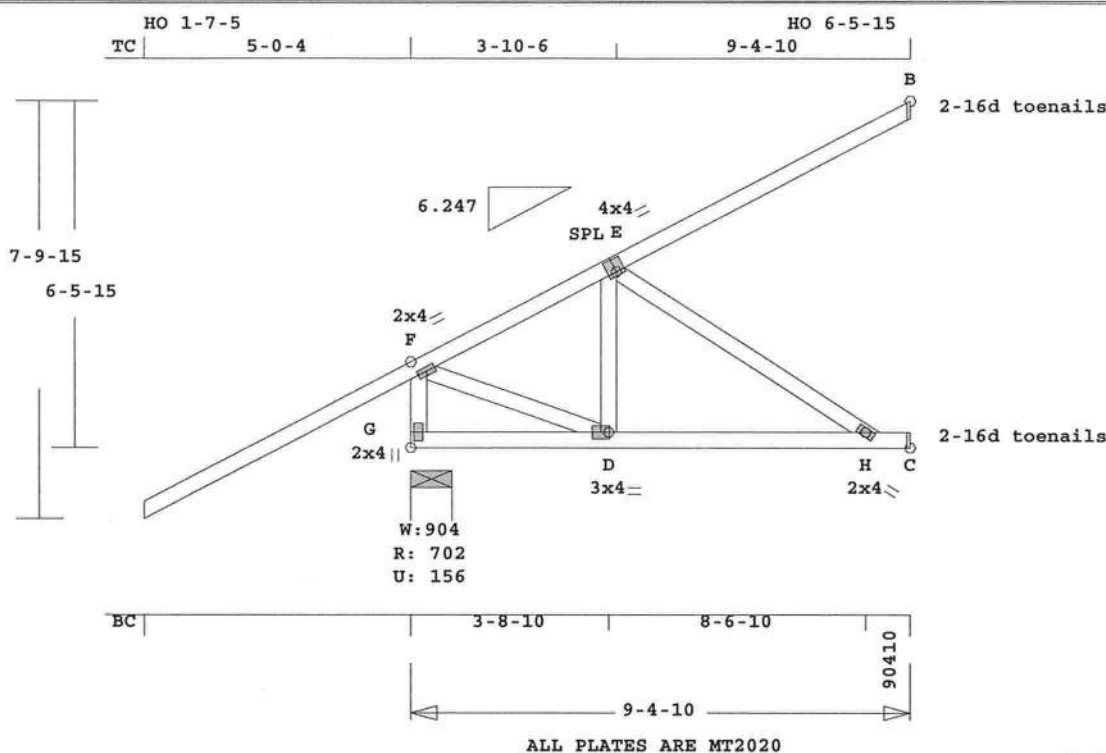


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|                              |                    |                  |                        |                      |                       |                           |                      |                                |
|------------------------------|--------------------|------------------|------------------------|----------------------|-----------------------|---------------------------|----------------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>CJ3</b> | Quan<br><b>1</b> | Type<br><b>MONO.DD</b> | Span<br><b>90410</b> | Pl-H1<br><b>6.247</b> | Left OH<br><b>5- 0- 4</b> | Right OH<br><b>0</b> | Engineering<br><b>T3710452</b> |
|------------------------------|--------------------|------------------|------------------------|----------------------|-----------------------|---------------------------|----------------------|--------------------------------|

GLENN



ALL PLATES ARE MT2020

Scale: 0.276" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 74.0 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.37 2x 4 SP-#2  
BC 0.25 2x 4 SP-#2  
WB 0.20 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 9- 1- 2  
BC Cont. 0- 0- 0 9- 1- 2

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
G 702 157 U 414 R  
C 230 43 U  
B 146 69 U 125 R

Jt Brg Size Required  
G 9.2" 1.5"  
C 3.5" 1.5"  
B 1.5" 1.5"

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

Membr CSI P Lbs Axl-CSt-Bnd  
-----Top Chords-----  
F -E 0.32 330 C 0.00 0.32  
E -B 0.37 133 C 0.00 0.37  
-----Bottom Chords-----  
G -D 0.19 378 C 0.00 0.19  
D -H 0.25 350 C 0.05 0.20  
H -C 0.18 0 T 0.00 0.18  
-----Webs-----  
G -F 0.06 683 C WindLd  
F -D 0.06 327 T  
D -E 0.02 161 T

E -H 0.20 415 T  
TL Defl -0.09" in D -H L/999  
LL Defl -0.04" in D -H L/999  
Shear // Grain in H -C 0.28

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
F MT20 2.0x 4.0 Ctr Ctr 0.73  
E MT20 4.0x 4.0-0.5 0.9 0.65  
G MT20 2.0x 4.0 Ctr Ctr 0.31  
D MT20 3.0x 4.0 Ctr Ctr 0.23  
H MT20 2.0x 4.0 Ctr Ctr 0.26

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

Excessive Left OH condition.  
Max allowable length is  
3-10- 3. Support end or  
provide level return.

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-

concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 683 Lbs  
Max tens. force 415 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

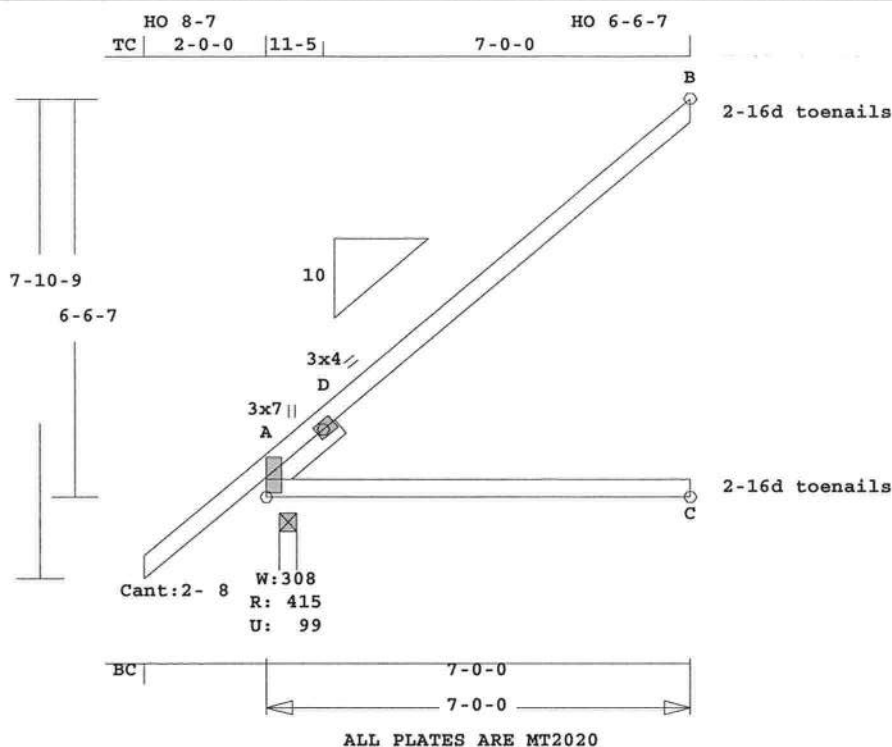


FL Cert. 6634

April 16, 2010

|                              |                   |            |              |               |             |                    |               |                                |
|------------------------------|-------------------|------------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>J1</b> | Quan<br>20 | Type<br>JCA2 | Span<br>70000 | Pl-H1<br>10 | Left OH<br>2- 0- 0 | Right OH<br>0 | Engineering<br><b>T3710453</b> |
|------------------------------|-------------------|------------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|

GLENN



Scale: 0.315" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 38.6 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.60 2x 4 SP-#2  
BC 0.72 2x 4 SP-#2  
SL 0.07 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 7- 0- 0  
BC Cont. 0- 0- 0 7- 0- 0

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 415 100 U 288 R  
C 132 61 U  
B 202 134 U 122 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -D 0.40 918 T 0.12 0.28  
D -B 0.60 184 C 0.00 0.60  
-----Bottom Chords-----  
A -C 0.72 0 T 0.00 0.72  
-----Sliders-----  
A -D 0.07 902 C

TL Defl -0.18" in A -C L/406  
LL Defl -0.07" in A -C L/999  
Shear // Grain in A -C 0.33

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 7.0 1.5 0.6 0.52  
D MT20 3.0x 4.0 Ctr Ctr 0.36

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

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

FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 2- 8 7- 0- 0  
Max comp. force 902 Lbs  
Max tens. force 918 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

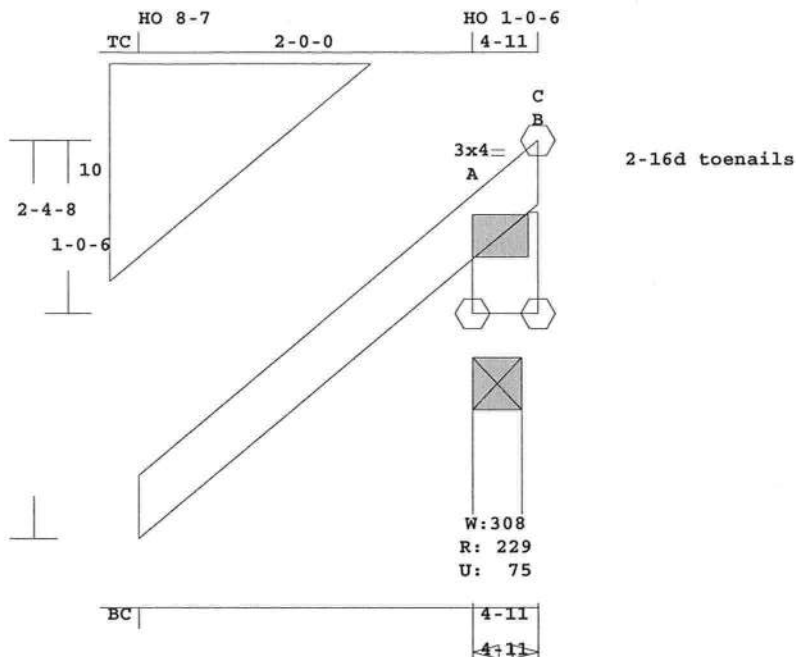


FL Cert. 6634

April 16, 2010

| Job                   | Mark      | Quan | Type | Span | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|-----------|------|------|------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J6</b> | 1    | SP   | 411  | 10    | 2- 0- 0 | 0        | <b>T3710454</b> |

GLENN



ALL PLATES ARE MT2020

Scale: 0.867" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.8 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.00 2x 4 SP-#2  
BC 0.00 2x 8 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 0- 4-11 |    |
| BC Cont. | 0- 0- 0 | 0- 4-11 |    |

| psf-Ld                 | Dead    | Live    |
|------------------------|---------|---------|
| TC                     | 10.0    | 20.0    |
| BC                     | 10.0    | 0.0     |
| TC+BC                  | 20.0    | 20.0    |
| Total                  | 40.0    | 24.0"   |
| Lumber Duration Factor | 1.25    |         |
| Plate Duration Factor  | 1.25    |         |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10 |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10 |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 229  | 75 U   | 17 R  |
| B  | 43   | 70 G   | 7 R   |

G = Gravity Uplift

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

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

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

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area

| Jt | Type | Plt Size | X   | Y   | JSI  |
|----|------|----------|-----|-----|------|
| A  | MT20 | 3.0x 4.0 | Ctr | Ctr | 0.80 |

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

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

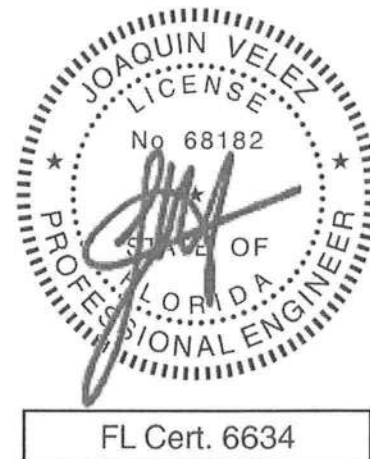
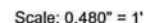
|                              |         |
|------------------------------|---------|
| TC Dead Load:                | 5.0 psf |
| BC Dead Load:                | 5.0 psf |
| Max comp. force              | 47 Lbs  |
| Max tens. force              | 27 Lbs  |
| Connector Plate Fabrication  |         |
| Tolerance = 20%              |         |
| This truss is designed for a |         |
| creep factor of 1.5 which    |         |
| is used to calculate total   |         |
| load deflection.             |         |



FL Cert. 6634

April 16, 2010

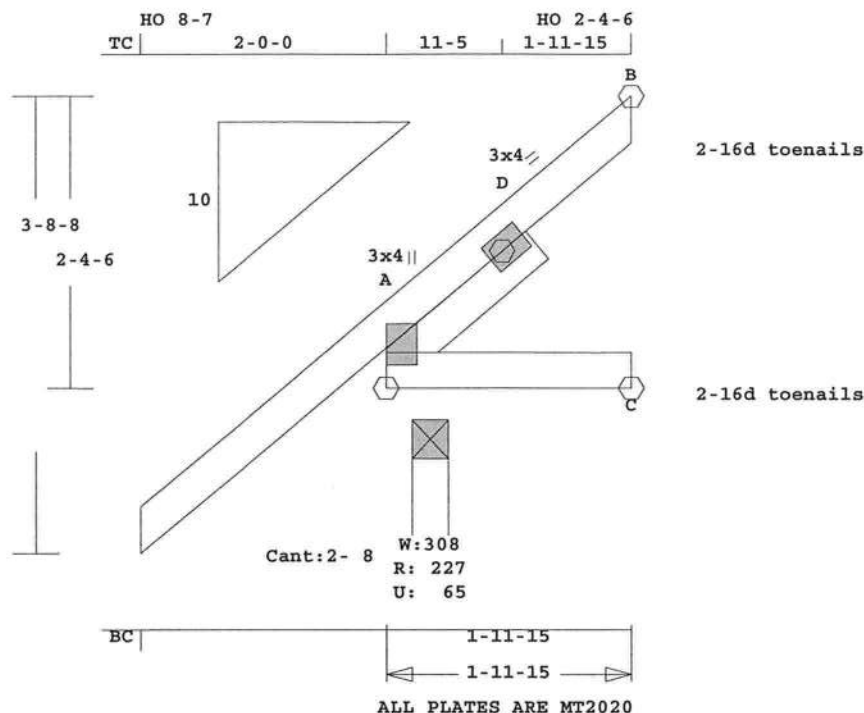
GLENN





|                              |                    |           |              |               |             |                    |               |                                |
|------------------------------|--------------------|-----------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>J12</b> | Quan<br>1 | Type<br>JCA2 | Span<br>11115 | P1-H1<br>10 | Left OH<br>2- 0- 0 | Right OH<br>0 | Engineering<br><b>T3710456</b> |
|------------------------------|--------------------|-----------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|

GLENN



Scale: 0.637" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.9 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.04 2x 4 SP-#2  
BC 0.04 2x 4 SP-#2  
SL 0.00 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 1-11-15 |    |
| BC Cont. | 0- 0- 0 | 1-11-15 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 228  | 66 U   | 85 R   |
| C  | 34   | 20 U   |        |
| B  | 58   | 44 U   | 35 R   |

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

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

| Membr                   | CSI  | P    | Lbs  | Axl  | CSI-Bnd |
|-------------------------|------|------|------|------|---------|
| -----Top Chords-----    |      |      |      |      |         |
| A -D                    | 0.04 | 69 T | 0.00 | 0.04 |         |
| D -B                    | 0.04 | 55 C | 0.00 | 0.04 |         |
| -----Bottom Chords----- |      |      |      |      |         |
| A -C                    | 0.04 | 0 T  | 0.00 | 0.04 |         |
| -----Sliders-----       |      |      |      |      |         |
| A -D                    | 0.00 | 52 C |      |      |         |

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.08

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

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

FBC2007  
TPI 2002  
OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide

will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

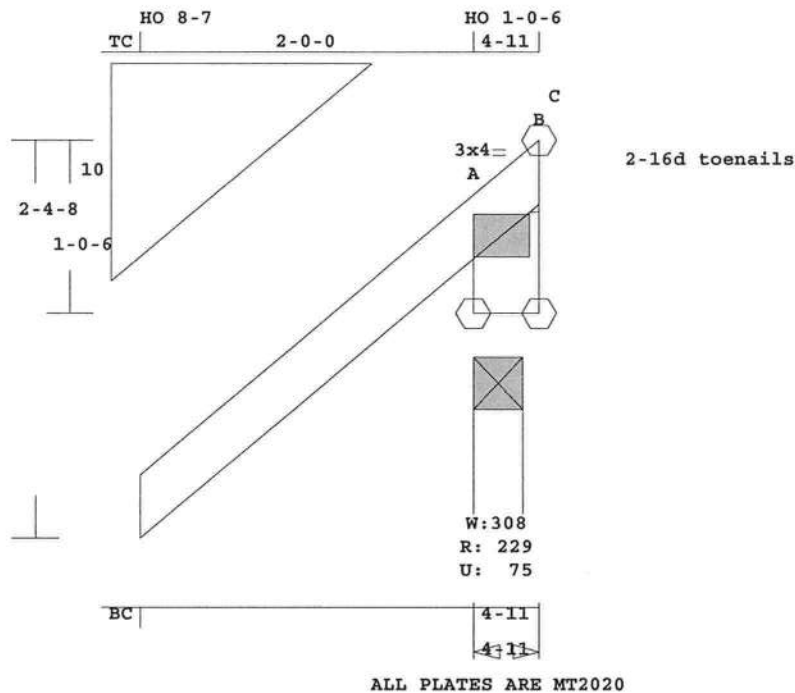
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 2- 8 1-11-15  
Max comp. force 55 Lbs  
Max tens. force 69 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010

| Job                   | Mark       | Quan | Type | Span | Pl-Ht | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J13</b> | 1    | SP   | 411  | 10    | 2- 0- 0 | 0        | <b>T3710457</b> |
| <b>GLENN</b>          |            |      |      |      |       |         |          |                 |



Scale: 0.867" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.9 LBS  
 Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
 TC 0.00 2x 4 SP-#2  
 BC 0.00 2x 8 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 0- 4-11  
 BC Cont. 0- 0- 0 0- 4-11

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

Total Load Reactions (Lbs)  
 Jt Down Uplift Horiz-  
 A 229 75 U 17 R  
 B 43 70 G 7 R  
 G = Gravity Uplift

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

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

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

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

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area

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

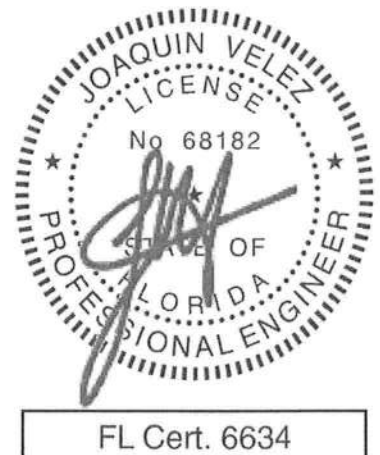
REFER TO ROBBINS ENG. GENERAL  
 NOTES AND SYMBOLS SHEET FOR  
 ADDITIONAL SPECIFICATIONS.

For proper installation of  
 toe-nails, refer to the 2005  
 National Design Specification  
 (NDS) for Wood Construction

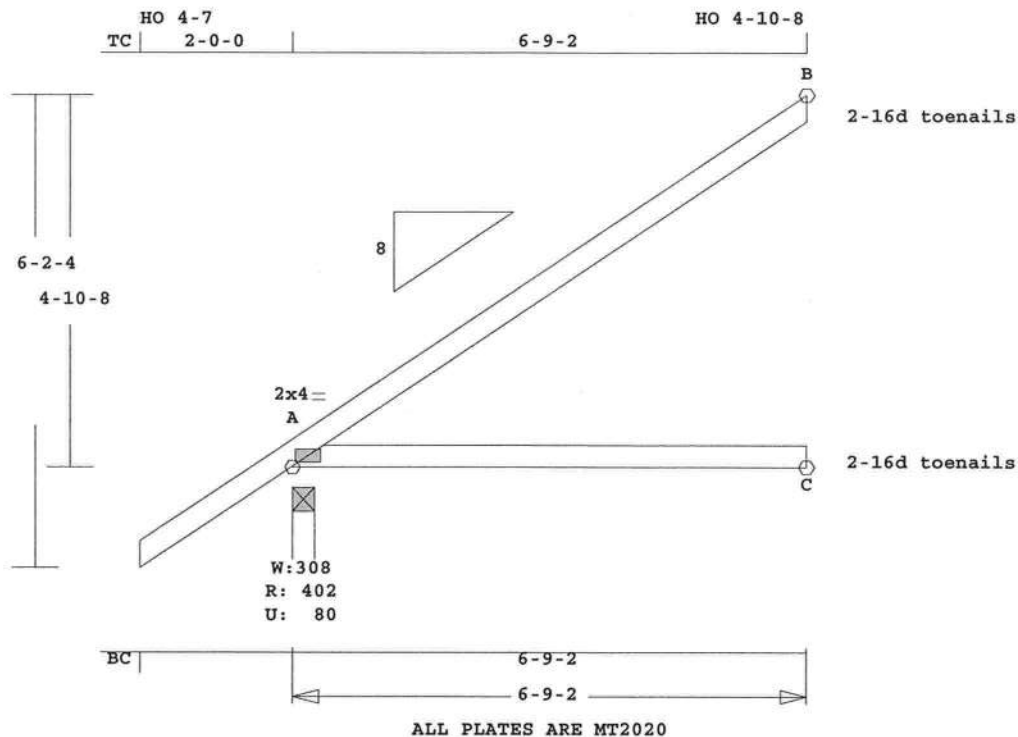
NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0

This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 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 47 Lbs  
 Max tens. force 27 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



GLENN



Scale: 0.395" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.0 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    |      |        |                |
|----|------|--------|----------------|
|    | CSI  | -Size- | ----Lumber---- |
| TC | 0.48 | 2x 4   | SP-#2          |
| BC | 0.62 | 2x 4   | SP-#2          |

Brace truss as follows:

|    | O.C.  | From    | To      |
|----|-------|---------|---------|
| TC | Cont. | 0- 0- 0 | 6- 9- 2 |
| BC | Cont. | 0- 0- 0 | 6- 9- 2 |

|            |          |         |       |  |
|------------|----------|---------|-------|--|
| psf-Ld     | Dead     | Live    |       |  |
| TC         | 10.0     | 20.0    |       |  |
| BC         | 10.0     | 0.0     |       |  |
| TC+BC      | 20.0     | 20.0    |       |  |
| Total      | 40.0     | Spacing | 24.0" |  |
| Lumber     | Duration | Factor  | 1.25  |  |
| Plate      | Duration | Factor  | 1.25  |  |
| TC Fb=1.15 | Fc=1.10  | Ft=1.10 |       |  |
| BC Fb=1.10 | Fc=1.10  | Ft=1.10 |       |  |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 403  | 80 U   | 225 R  |
| C  | 126  | 48 U   |        |
| B  | 181  | 105 U  | 93 R   |

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

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

| Membr                   | CSI  | P | Lbs   | Axl  | CSI-Bnd |
|-------------------------|------|---|-------|------|---------|
| -----Top Chords-----    |      |   |       |      |         |
| A -B                    | 0.48 |   | 135 C | 0.00 | 0.48    |
| -----Bottom Chords----- |      |   |       |      |         |
| A -C                    | 0.62 |   | 0 T   | 0.00 | 0.62    |

|          |        |         |       |
|----------|--------|---------|-------|
| TL Defl  | -0.17" | in A -C | L/445 |
| LL Defl  | -0.07" | in A -C | L/999 |
| Shear // | Grain  | in A -C | 0.31  |

|         |          |      |     |            |      |
|---------|----------|------|-----|------------|------|
| Plate - | MT20     | 20   | Ga, | Gross Area |      |
| Plate - | MT2H     | 20   | Ga, | Gross Area |      |
| Jt Type | Plt Size | X    | Y   | JSI        |      |
| A       | MT20     | 2.0x | 4.0 | Ctr        | 0.59 |

REVIEWED BY:

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

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NOTES AND SYMBOLS SHEET FOR  
ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by

2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

Truss is designed as  
Components and Claddings\*  
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

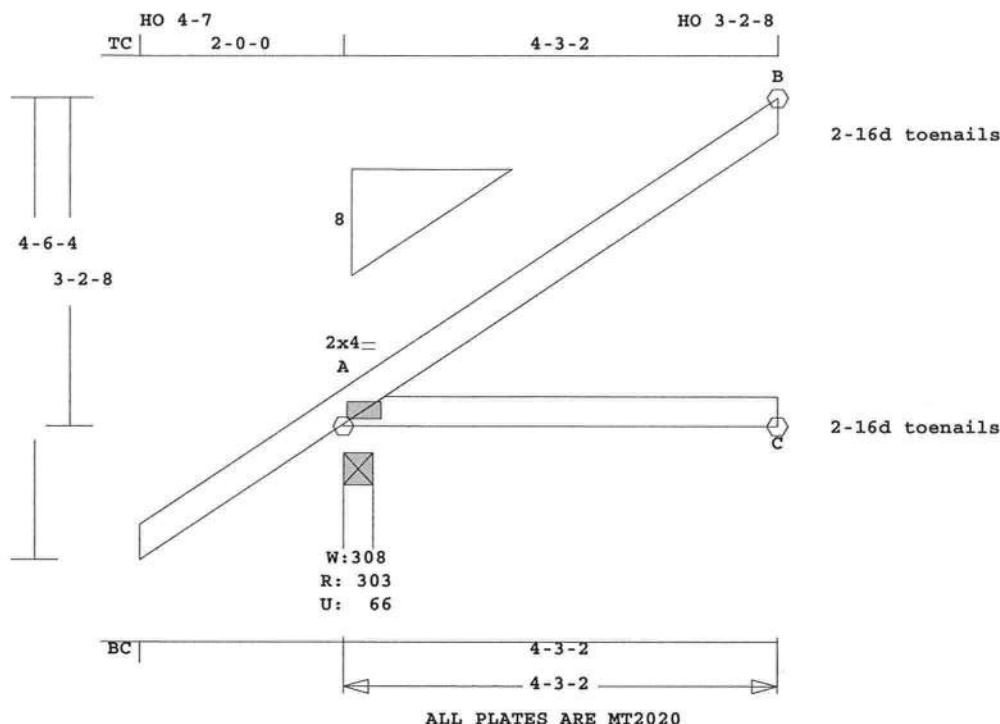
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 0- 0 6- 9- 2  
Max comp. force 135 Lbs  
Max tens. force 72 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J15</b> | 1    | JCA2 | 40302 | 8     | 2- 0- 0 | 0        | <b>T3710459</b> |

GLENN



Scale: 0.529" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.19 2x 4 SP-#2  
BC 0.26 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 4- 3- 2  
BC Cont. 0- 0- 0 4- 3- 2

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 304 67 U 147 R  
C 81 31 U  
B 113 66 U 59 R

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

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -B 0.19 88 C 0.00 0.19  
-----Bottom Chords-----  
A -C 0.26 0 T 0.00 0.26

TL Defl -0.02" in A -C L/999  
LL Defl -0.01" in A -C L/999  
Shear // Grain in A -C 0.21

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.6 LBS

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 2.0x 4.0 Ctr Ctr 0.59

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

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

Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading

Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf

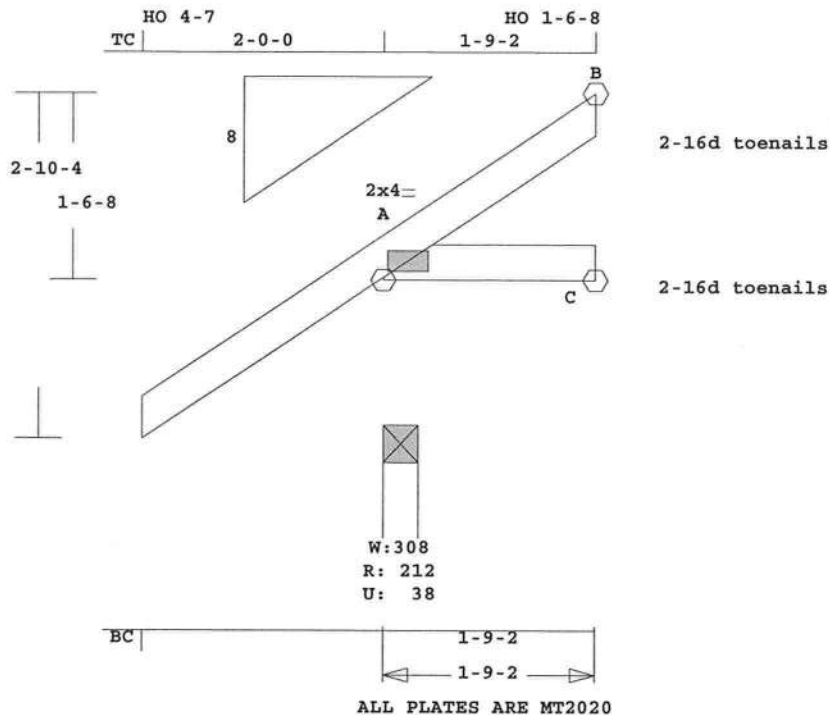
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 0- 0 4- 3- 2  
Max comp. force 88 Lbs  
Max tens. force 45 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634



| Job                   | Mark       | Quan | Type | Span  | P1-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J16</b> | 1    | JCA2 | 10902 | 8     | 2- 0- 0 | 0        | <b>T3710460</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Scale: 0.626" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.01 2x 4 SP-#2  
BC 0.01 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 1- 9- 2  
BC Cont. 0- 0- 0 1- 9- 2

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 213 38 U 58 R  
B 50 26 U  
C 29 24 R

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

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

Membr CSI P Lbs Axl-Csi-Bnd  
-----Top Chords-----  
A -B 0.01 28 C 0.00 0.01  
-----Bottom Chords-----  
A -C 0.01 23 T 0.00 0.01

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

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.2 LBS

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 2.0x 4.0 Ctr Ctr 0.59

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

#### NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

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

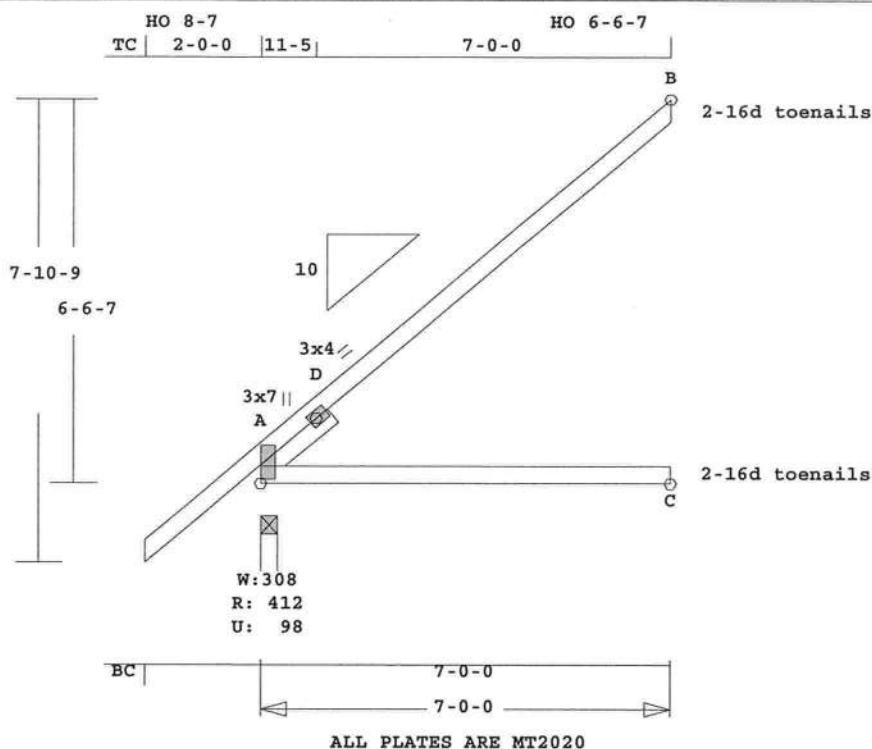
BC Dead Load: 5.0 psf  
Max comp. force 28 Lbs  
Max tens. force 23 Lbs  
Connector Plate Fabrication  
Tolerance = 20%

This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | P1-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J17</b> | 6    | JCA2 | 70000 | 10    | 2- 0- 0 | 0        | <b>T3710461</b> |
| GLENN                 |            |      |      |       |       |         |          |                 |



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 38.6 LBS  
 Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
 TC 0.61 2x 4 SP-#2  
 BC 0.74 2x 4 SP-#2  
 SL 0.07 2x 4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0- 0- 0 7- 0- 0  
 BC Cont. 0- 0- 0 7- 0- 0

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

Total Load Reactions (Lbs)  
 Jt Down Uplift Horiz-  
 A 413 99 U 288 R  
 C 132 60 U  
 B 201 135 U 122 R

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

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

Membr CSI P Lbs Axl-Csi-Bnd  
 -----Top Chords-----  
 A -D 0.41 937 T 0.12 0.29  
 D -B 0.61 185 C 0.00 0.61  
 -----Bottom Chords-----  
 A -C 0.74 0 T 0.00 0.74  
 -----Sliders-----  
 A -D 0.07 924 C

TL Defl -0.20" in A -C L/393  
 LL Defl -0.08" in A -C L/985  
 Shear // Grain in A -C 0.33

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 3.0x 7.0 1.5 0.6 0.53  
 D MT20 3.0x 4.0 Ctr Ctr 0.37

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

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

For proper installation of  
 toe-nails, refer to the 2005  
 National Design Specification  
 (NDS) for Wood Construction

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

FBC2007  
 TPI 2002  
 OH Loading  
 Soffit psf 2.0

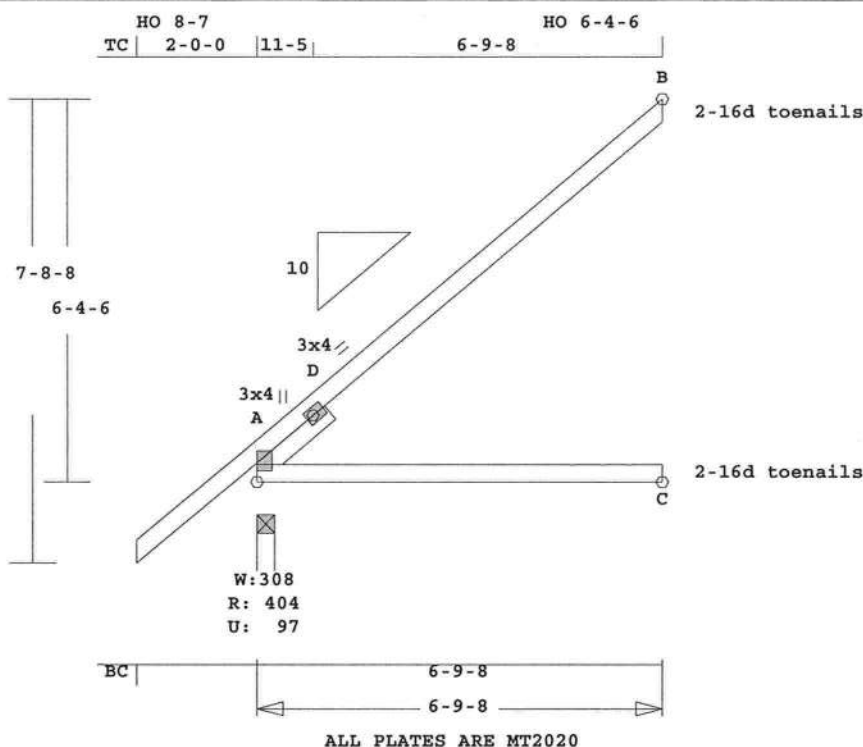
This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Wind Loads - ANSI / ASCE 7-05  
 Truss is designed as  
 Components and Claddings\*  
 for Exterior zone location.  
 Wind Speed: 110 mph

Mean Roof Height: 15-0  
 Exposure Category: B  
 Occupancy Factor : 1.00  
 Building Type: Enclosed  
 TC Dead Load: 5.0 psf  
 BC Dead Load: 5.0 psf  
 User-defined wind-exposed BC  
 regions --From-- ---To---  
 0- 0- 0 7- 0- 0  
 Max comp. force 924 Lbs  
 Max tens. force 937 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



FL Cert. 6634

|                              |                    |           |              |               |             |                    |               |                                |
|------------------------------|--------------------|-----------|--------------|---------------|-------------|--------------------|---------------|--------------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>J18</b> | Quan<br>1 | Type<br>JCA2 | Span<br>60908 | P1-H1<br>10 | Left OH<br>2- 0- 0 | Right OH<br>0 | Engineering<br><b>T3710462</b> |
| GLENN                        |                    |           |              |               |             |                    |               |                                |



Scale: 0.311" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.7 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.58 2x 4 SP-#2  
BC 0.71 2x 4 SP-#2  
SL 0.06 2x 4 SP-#2

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 6- 9- 8 |    |
| BC Cont. | 0- 0- 0 | 6- 9- 8 |    |

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

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 404  | 97 U   | 280 R  |
| C  | 128  | 59 U   |        |
| B  | 194  | 131 U  | 118 R  |

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

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -D 0.38 892 T 0.11 0.27  
D -B 0.58 181 C 0.00 0.58  
-----Bottom Chords-----  
A -C 0.71 0 T 0.00 0.71  
-----Sliders-----  
A -D 0.06 878 C

TL Defl -0.18" in A -C L/431  
LL Defl -0.07" in A -C L/999  
Shear // Grain in A -C 0.32

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
D MT20 3.0x 4.0 Ctr Ctr 0.35

REVIEWED BY:

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:

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

FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

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

Wind Loads - ANSI / ASCE 7-05

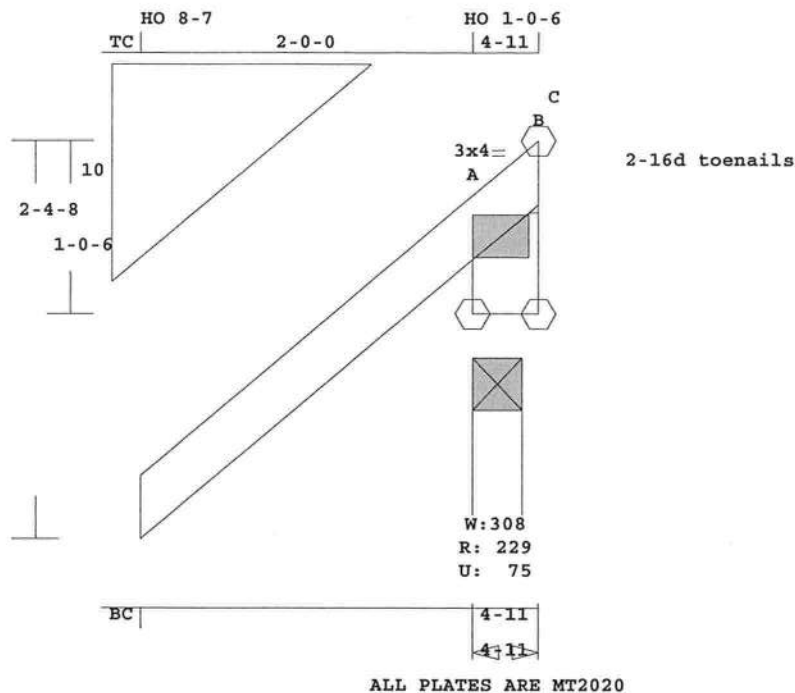
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph

Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- ---To---  
0- 0- 0 6- 9- 8  
Max comp. force 878 Lbs  
Max tens. force 892 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>J22</b> | 1    | SP   | 411  | 10    | 2- 0- 0 | 0        | <b>T3710463</b> |
| <b>GLENN</b>          |            |      |      |      |       |         |          |                 |



Scale: 0.867" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.00 2x 4 SP-#2  
BC 0.00 2x 8 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 0- 4-11  
BC Cont. 0- 0- 0 0- 4-11

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

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
A 229 75 U 17 R  
B 43 70 G 7 R  
G = Gravity Uplift

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

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

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

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

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.9 LBS  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 Ctr Ctr 0.80

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

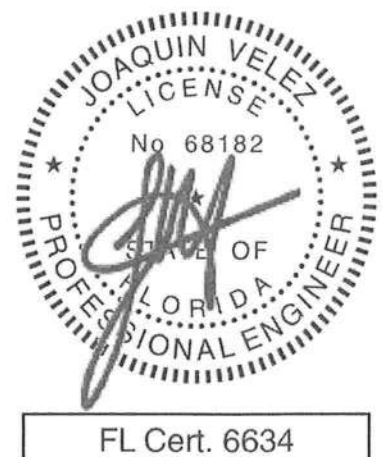
REFER TO ROBBINS ENG. GENERAL  
NOTES AND SYMBOLS SHEET FOR  
ADDITIONAL SPECIFICATIONS.

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading  
Soffit psf 2.0

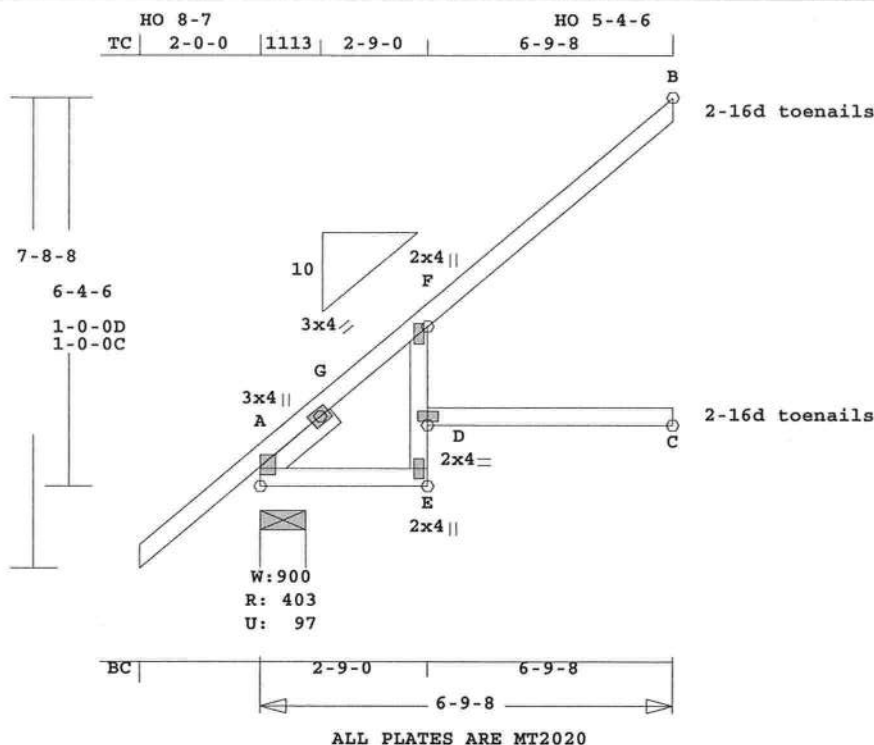
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and 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 47 Lbs  
Max tens. force 27 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.





| Job                   | Mark       | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>VJ2</b> | 1    | SP   | 60908 | 10    | 2- 0- 0 | 0        | <b>T3710464</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Scale: 0.316" = 1'

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

| CSI | -Size- | ---Lumber--- |
|-----|--------|--------------|
| TC  | 0.32   | 2x 4 SP-#2   |
| BC  | 0.55   | 2x 4 SP-#2   |
| CW  | 0.37   | 2x 4 SP-#2   |
| SL  | 0.01   | 2x 4 SP-#2   |

Brace truss as follows:

| O.C.     | From    | To      |
|----------|---------|---------|
| TC Cont. | 0- 0- 0 | 6- 9- 8 |
| BC Cont. | 0- 0- 0 | 6- 9- 8 |

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 403  | 97 U   | 280 R |
| C  | 131  | 23 U   |       |
| B  | 193  | 98 U   | 118 R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.5"     |
| C  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

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

| Membr                   | CSI  | P Lbs | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A -G                    | 0.06 | 129 C | 0.00 | 0.06    |
| G -F                    | 0.18 | 181 C | 0.00 | 0.18    |
| F -B                    | 0.32 | 126 C | 0.01 | 0.31    |
| -----Bottom Chords----- |      |       |      |         |
| A -E                    | 0.12 | 147 T | 0.01 | 0.11    |
| D -C                    | 0.55 | 0 T   | 0.00 | 0.55    |
| -----Chord-Webs-----    |      |       |      |         |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 42.1 LBS

| E -D              | 0.24 | 54 T  | 0.00 | 0.24 |
|-------------------|------|-------|------|------|
| D -F              | 0.37 | 91 T  | 0.00 | 0.37 |
| -----Sliders----- |      |       |      |      |
| A -G              | 0.01 | 186 C |      |      |

| TL Defl                                                 | -0.21"                                 | in D -C | L/321 |
|---------------------------------------------------------|----------------------------------------|---------|-------|
| LL Defl                                                 | -0.09" <th>in D -C</th> <th>L/785</th> | in D -C | L/785 |
| Shear // Grain <td></td> <td>in E -D</td> <td>0.15</td> |                                        | in E -D | 0.15  |

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 4.0 1.5 0.6 0.95  
G MT20 3.0x 4.0 Ctr Ctr 0.09  
F MT20 2.0x 4.0 Ctr Ctr 0.12  
E MT20 2.0x 4.0 Ctr Ctr 0.58  
D MT20 2.0x 4.0 Ctr Ctr 0.58

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading

Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
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 186 Lbs  
Max tens. force 147 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010

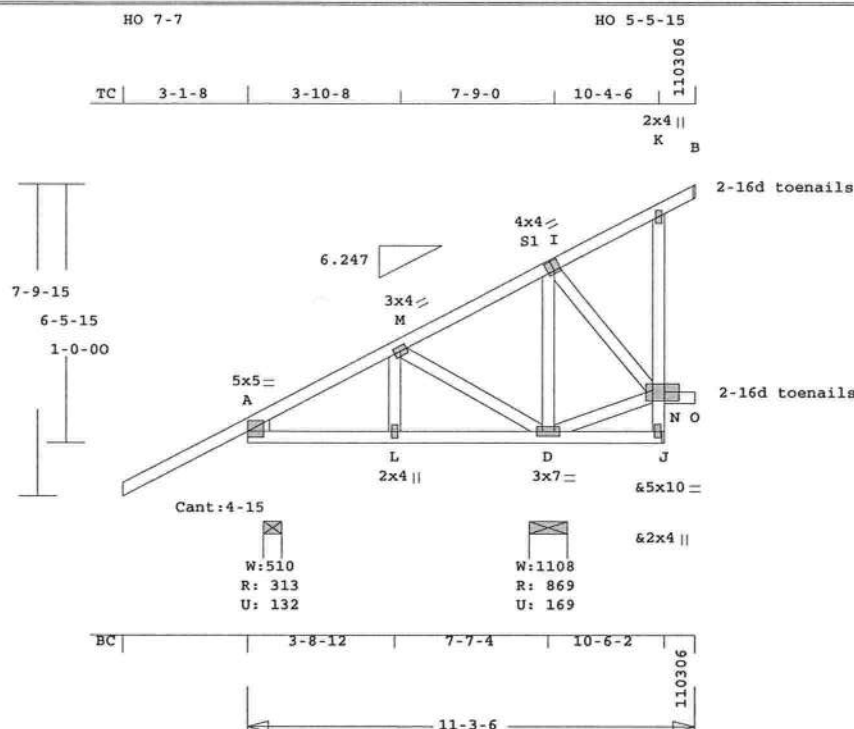
Job  
**AABROOME-GLENN**

Mark  
**VCJI**

Quan Type Span Pl-H1 Left OH Right OH  
1 MONO.DD 110306 6.247 3- 1- 8 0

Engineering  
**T3710465**

GLENN



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.206" = 1'

Robbins Engineering, Inc./Online Plus<sup>TM</sup> APPROX. TRUSS WEIGHT: 95.3 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ----Lumber----  
TC 0.25 2x 4 SP-#2  
BC 0.11 2x 4 SP-#2  
WB 0.17 2x 4 SP-#2  
WG --- 2x 4 SP-#2

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 11- 1-14  
BC Cont. 0- 0- 0 11- 1-14

psf-Ld Dead Live  
TC 10.0 20.0  
BC 10.0 0.0  
TC+BC 20.0 20.0  
Total 40.0 Spacing 24.0"  
Lumber Duration Factor 1.25  
Plate Duration Factor 1.25  
TC Fb=1.00 Fc=1.00 Ft=1.00  
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz  
A 314 132 U 457 R  
D 869 170 U  
O 65 19 U 144 R  
B 84 31 U

Jt Brg Size Required  
A 5.6" 1.5"  
D 11.5" 1.5"  
O 1.5" 1.5"  
B 1.5" 1.5"

LC# 1 Standard Loading  
Dur Fctrs - Lbr 1.25 Plt 1.25  
plf - Dead Live\* From To  
TC V 20 40 0.0' 11.3'  
BC V 20 0 0.0' 11.3'  
TC V -20 -40 0.0' 11.3'  
BC V -20 0 0.0' 11.3'

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
A -M 0.10 285 T 0.00 0.10

M -S1 0.25 458 C 0.04 0.21  
S1-K 0.21 188 C 0.00 0.21  
K -B 0.04 57 C 0.00 0.04  
-----Bottom Chords-----  
A -L 0.11 344 C 0.00 0.11  
L -D 0.10 344 C 0.00 0.10  
N -O 0.11 144 T 0.00 0.11  
-----Webs-----  
L -M 0.02 213 C  
M -D 0.06 423 T  
D -S1 0.17 591 C  
D -N 0.11 152 C 0.00 0.11  
S1-N 0.04 226 T 0.04 0.00  
N -K 0.10 261 T 0.03 0.07

TL Defl -0.01" in L -D L/999  
LL Defl 0.00" in L -D L/999  
Hz Disp LL DL TL  
Jt B 0.01" 0.00" 0.01"  
Shear // Grain in S1-K 0.20

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 5.0x 5.0 2.5 1.6 0.64  
M MT20 3.0x 4.0 Ctr Ctr 0.22  
S1 MT20 4.0x 4.0 0.5 0.9 0.65  
K MT20 2.0x 4.0 Ctr Ctr 0.18  
L MT20 2.0x 4.0 Ctr Ctr 0.12  
D MT20 3.0x 7.0 Ctr Ctr 0.28  
N 3.00  
N MT20 3.0x 4.0 Ctr Ctr 0.19

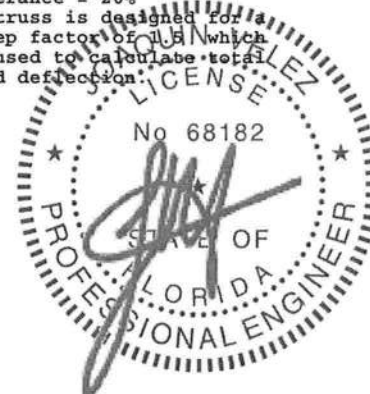
REVIEWED BY:  
Robbins Engineering, Inc.  
6904 Parke East Blvd.  
Tampa, FL 33610

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

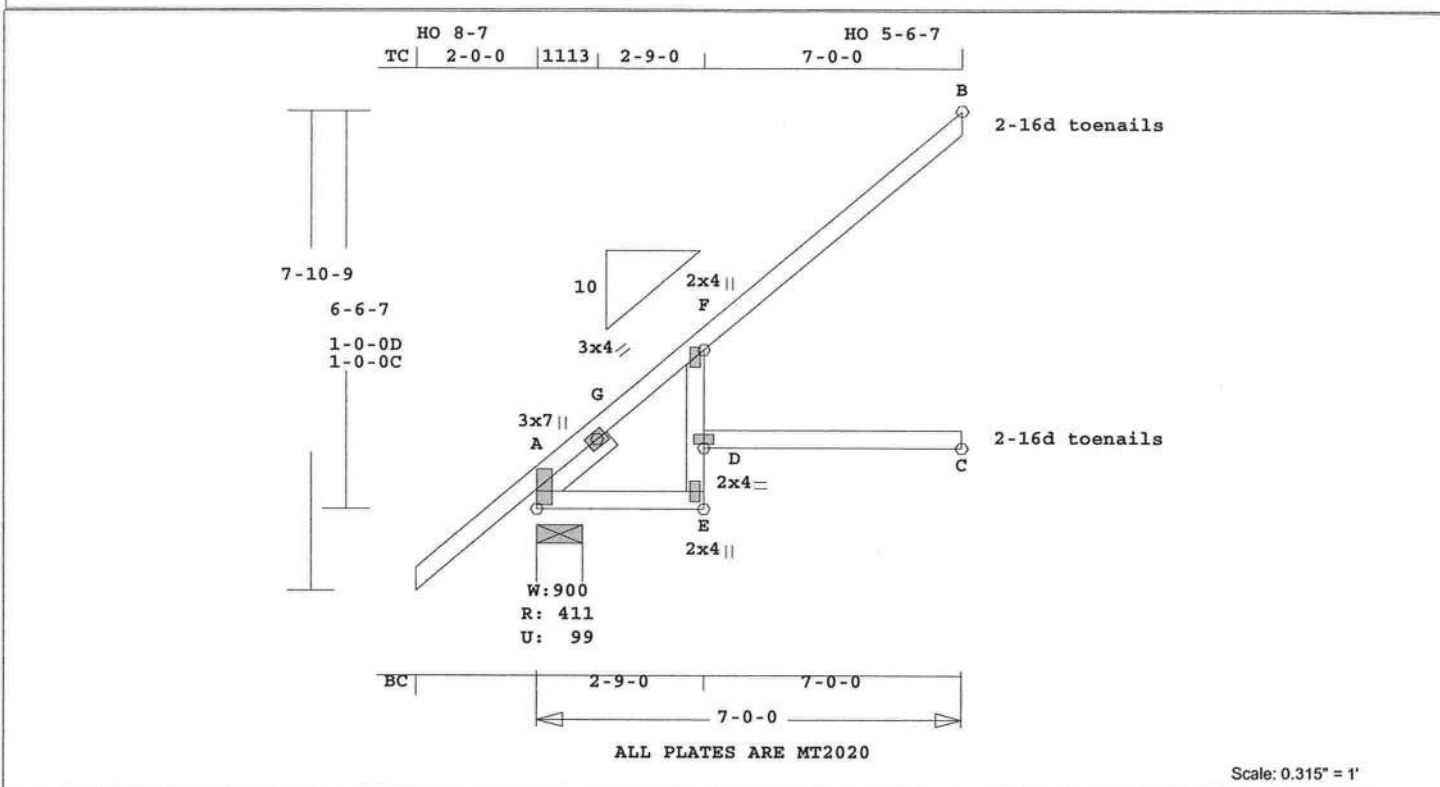
OH Loading  
Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
User-defined wind-exposed BC  
regions --From-- --To--  
0- 4-15 7- 7- 4  
Max comp. force 591 Lbs  
Max tens. force 483 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.8 which  
is used to calculate total  
load deflection.



FL Cert. 6634

April 16, 2010

| Job                   | Mark       | Quan | Type | Span  | Pl-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>VJI</b> | 6    | SP   | 70000 | 10    | 2- 0- 0 | 0        | <b>T3710466</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

| CSI | Size | ---Lumber--- |
|-----|------|--------------|
| TC  | 0.35 | 2x 4 SP-#2   |
| BC  | 0.58 | 2x 4 SP-#2   |
| CW  | 0.39 | 2x 4 SP-#2   |
| SL  | 0.01 | 2x 4 SP-#2   |

Brace truss as follows:

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

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz |
|----|------|--------|-------|
| A  | 411  | 99 U   | 288 R |
| C  | 134  | 22 U   |       |
| B  | 200  | 102 U  | 122 R |

| Jt | Brg Size | Required |
|----|----------|----------|
| A  | 9.0"     | 1.5"     |
| C  | 3.5"     | 1.5"     |
| B  | 1.5"     | 1.5"     |

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

| Membr                   | CSI  | P Lbs | Axl  | CSI-Bnd |
|-------------------------|------|-------|------|---------|
| -----Top Chords-----    |      |       |      |         |
| A -G                    | 0.06 | 129 C | 0.00 | 0.06    |
| G -F                    | 0.19 | 192 C | 0.00 | 0.19    |
| F -B                    | 0.35 | 131 C | 0.00 | 0.35    |
| -----Bottom Chords----- |      |       |      |         |
| A -E                    | 0.13 | 155 T | 0.02 | 0.11    |
| D -C                    | 0.58 | 0 T   | 0.00 | 0.58    |
| -----Chord-Webs-----    |      |       |      |         |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.0 LBS

|                   |      |       |      |      |
|-------------------|------|-------|------|------|
| E -D              | 0.25 | 54 T  | 0.00 | 0.25 |
| D -F              | 0.39 | 96 T  | 0.00 | 0.39 |
| -----Sliders----- |      |       |      |      |
| A -G              | 0.01 | 193 C |      |      |

|          |        |         |       |
|----------|--------|---------|-------|
| TL Defl  | -0.24" | in D -C | L/292 |
| LL Defl  | -0.10" | in D -C | L/712 |
| Shear // | Grain  | in F -B | 0.15  |

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 3.0x 7.0 1.5 0.6 0.52  
G MT20 3.0x 4.0 Ctr Ctr 0.09  
F MT20 2.0x 4.0 Ctr Ctr 0.13  
E MT20 2.0x 4.0 Ctr Ctr 0.58  
D MT20 2.0x 4.0 Ctr Ctr 0.58

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

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

For proper installation of  
toe-nails, refer to the 2005  
National Design Specification  
(NDS) for Wood Construction

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading

Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.

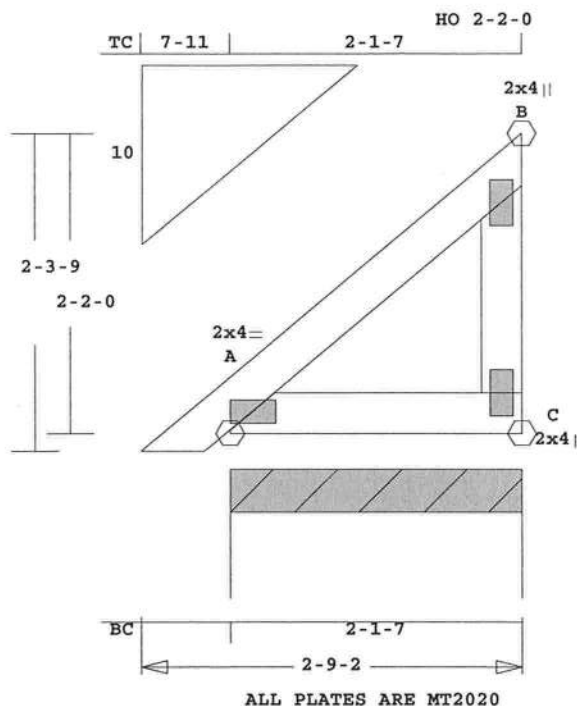
Design checked for 10 psf non-  
concurrent LL on BC.  
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
Max comp. force 193 Lbs  
Max tens. force 155 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634

| Job                   | Mark       | Quan | Type | Span  | P1-H1 | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>P11</b> | 5    | JCA2 | 20902 | 10    | 7-11    | 0        | <b>T3710467</b> |

GLENN



Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.

Scale: 0.715" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 13.6 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

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

|    |      |      |       |
|----|------|------|-------|
| TC | 0.03 | 2x 4 | SP-#2 |
| BC | 0.03 | 2x 4 | SP-#2 |
| WB | 0.01 | 2x 4 | SP-#2 |

Brace truss as follows:

| O.C.     | From    | To      |
|----------|---------|---------|
| TC Cont. | 0- 0- 0 | 2- 9- 2 |
| BC Cont. | 0- 0- 0 | 2- 9- 2 |

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 170  | 25 U   | 59 R   |

| Jt | Brg Size | Required   |
|----|----------|------------|
| A  | 25.4"    | 0"-to- 25" |

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

| Membr                   | CSI  | P | Lbs  | Axl    | CSI-Bnd |
|-------------------------|------|---|------|--------|---------|
| -----Top Chords-----    |      |   |      |        |         |
| A -B                    | 0.03 |   | 35 C | 0.00   | 0.03    |
| -----Bottom Chords----- |      |   |      |        |         |
| A -C                    | 0.03 |   | 1 T  | 0.00   | 0.03    |
| -----Webs-----          |      |   |      |        |         |
| C -B                    | 0.01 |   | 57 C | WindLd |         |

|          |       |         |       |
|----------|-------|---------|-------|
| 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.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
A MT20 2.0x 4.0 0.1 Ctr 0.58  
B MT20 2.0x 4.0 Ctr Ctr 0.13  
C MT20 2.0x 4.0 Ctr Ctr 0.12

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
OH Loading

Soffit psf 2.0  
This truss has been designed  
for 20.0 psf LL on the B.C.  
in areas where a rectangle  
3- 6- 0 tall by  
2- 0- 0 wide  
will fit between the B.C.  
and any other member.  
Design checked for 10 psf non-  
concurrent LL on BC.  
Refer to Gen Det 3 series for  
web bracing and plating.

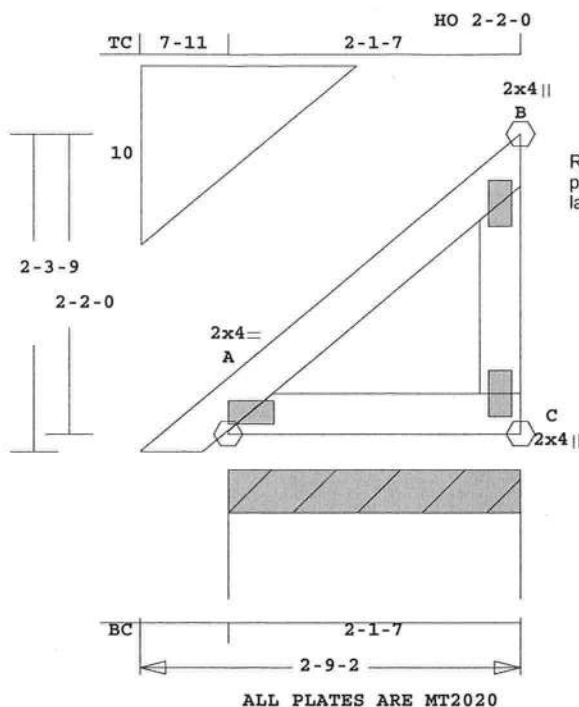
Wind Loads - ANSI / ASCE 7-05  
Truss is designed as  
Components and Claddings\*  
for Exterior zone location.  
Wind Speed: 110 mph  
Mean Roof Height: 15-0  
Exposure Category: B  
Occupancy Factor : 1.00  
Building Type: Enclosed  
TC Dead Load: 5.0 psf  
BC Dead Load: 5.0 psf  
Max comp. force 57 Lbs  
Max tens. force 39 Lbs  
Connector Plate Fabrication  
Tolerance = 20%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.



FL Cert. 6634



| Job                   | Mark       | Quan | Type | Span  | Pl-Hl | Left OH | Right OH | Engineering     |
|-----------------------|------------|------|------|-------|-------|---------|----------|-----------------|
| <b>AABROOME-GLENN</b> | <b>P12</b> | 1*2P | JCA2 | 20902 | 10    | 7-11    | 0        | <b>T3710468</b> |
| <b>GLENN</b>          |            |      |      |       |       |         |          |                 |



Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.

Scale: 0.715" = 1'

Online Plus -- Version 26.0.009  
 RUN DATE: 16-APR-10  
 \*\*\*\*\*  
 \* 2-Ply Truss \*  
 \*\*\*\*\*

|    | CSI  | -Size- | ---Lumber--- |
|----|------|--------|--------------|
| TC | 0.01 | 2x 4   | SP-#2        |
| BC | 0.01 | 2x 4   | SP-#2        |
| WB | 0.00 | 2x 4   | SP-#2        |

Brace truss as follows:

|          | O.C.    | From    | To |
|----------|---------|---------|----|
| TC Cont. | 0- 0- 0 | 2- 9- 2 |    |
| BC Cont. | 0- 0- 0 | 2- 9- 2 |    |

| psf-Ld                 | Dead    | Live          |
|------------------------|---------|---------------|
| TC                     | 10.0    | 20.0          |
| BC                     | 10.0    | 0.0           |
| TC+BC                  | 20.0    | 20.0          |
| Total                  | 40.0    | Spacing 24.0" |
| Lumber Duration Factor | 1.25    |               |
| Plate Duration Factor  | 1.25    |               |
| TC Fb=1.15             | Fc=1.10 | Ft=1.10       |
| BC Fb=1.10             | Fc=1.10 | Ft=1.10       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| A  | 170  | 25 U   | 59 R   |

| Jt | Brg Size | Required   |
|----|----------|------------|
| A  | 25.4"    | 0"-to- 25" |

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

| Membr                   | CSI  | P | Lbs  | Axl    | CSI-Bnd |
|-------------------------|------|---|------|--------|---------|
| -----Top Chords-----    |      |   |      |        |         |
| A - B                   | 0.01 |   | 35 C | 0.00   | 0.01    |
| -----Bottom Chords----- |      |   |      |        |         |
| A - C                   | 0.01 |   | 1 T  | 0.00   | 0.01    |
| -----Webs-----          |      |   |      |        |         |
| C - B                   | 0.00 |   | 57 C | WindLd |         |

| TL Defl | 0.00" | in A - C | L/999 |
|---------|-------|----------|-------|
| LL Defl | 0.00" | in A - C | L/999 |

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 13.6 LBS  
 Shear // Grain in A - B 0.02

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT2H 20 Ga, Gross Area  
 Jt Type Plt Size X Y JSI  
 A MT20 2.0x 4.0 0.1 Ctr 0.58  
 B MT20 2.0x 4.0 Ctr Ctr 0.13  
 C MT20 2.0x 4.0 Ctr Ctr 0.12

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

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

NOTES:  
 Trusses Manufactured by:  
 Mayo Truss Co. Inc.  
 Analysis Conforms To:  
 FBC2007  
 TPI 2002  
 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 1 | 12    | 24     | 0     |
| WB 1 | 8     | 8      |       |

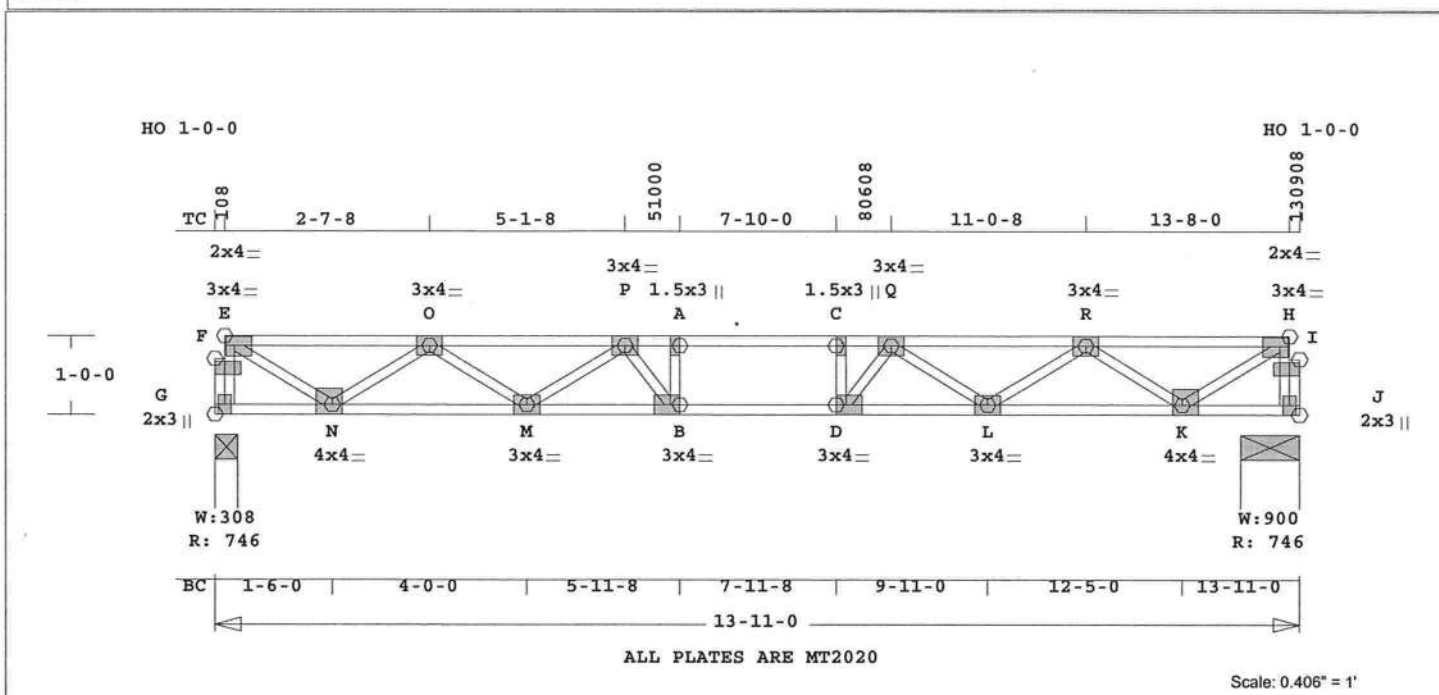
OH Loading  
 Soffit psf 2.0  
 This truss has been designed  
 for 20.0 psf LL on the B.C.  
 in areas where a rectangle  
 3- 6- 0 tall by  
 2- 0- 0 wide  
 will fit between the B.C.  
 and any other member.  
 Design checked for 10 psf non-  
 concurrent LL on BC.  
 Refer to Gen Det 3 series for

web bracing and plating.  
 Wind Loads - ANSI / ASCE 7-05  
 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 57 Lbs  
 Max tens. force 39 Lbs  
 Connector Plate Fabrication  
 Tolerance = 20%  
 This truss is designed for a  
 creep factor of 1.5 which  
 is used to calculate total  
 load deflection.



FL Cert. 6634

|                              |                    |           |              |                |                |              |               |                         |
|------------------------------|--------------------|-----------|--------------|----------------|----------------|--------------|---------------|-------------------------|
| Job<br><b>AABROOME-GLENN</b> | Mark<br><b>FL2</b> | Quan<br>2 | Type<br>M150 | Span<br>131100 | Pl-H1<br>10000 | Left OH<br>0 | Right OH<br>0 | Engineering<br>T3710469 |
| GLENN                        |                    |           |              |                |                |              |               |                         |



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 85.6 LBS  
Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

CSI -Size- ---Lumber---  
TC 0.49 4x 2 SP-#2  
BC 0.69 4x 2 SP-#2  
WB 0.45 4x 2 SP-#3

Brace truss as follows:  
O.C. From To  
TC Cont. 0- 0- 0 13-11- 0  
BC 120.0" 0- 0- 0 13-11- 0

psf-Ld Dead Live  
TC 10.0 40.0  
BC 5.0 0.0  
TC+BC 15.0 40.0  
Total 55.0 Spacing 24.0"  
Lumber Duration Factor 1.00  
Plate Duration Factor 1.00  
TC Fb=1.15 Fc=1.10 Ft=1.10  
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)  
Jt Down Uplift Horiz-  
G 746  
J 746

Jt Brg Size Required  
G 3.5" 1.5"  
J 9.0" 1.5"

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

Membr CSI P Lbs Ax1-CSI-Bnd  
-----Top Chords-----  
E -O 0.35 953 C 0.01 0.34  
O -P 0.39 2288 C 0.05 0.34  
P -A 0.49 2827 C 0.04 0.45  
A -C 0.49 2827 C 0.04 0.45  
C -Q 0.49 2827 C 0.04 0.45  
Q -R 0.39 2288 C 0.05 0.34  
R -H 0.35 953 C 0.01 0.34  
-----Bottom Chords-----  
G -N 0.04 0 T 0.00 0.04  
N -M 0.43 1832 T 0.38 0.05  
M -B 0.69 2718 T 0.44 0.25  
B -D 0.68 2827 T 0.43 0.25  
D -L 0.69 2718 T 0.44 0.25  
L -K 0.43 1832 T 0.38 0.05

K -J 0.04 0 T 0.00 0.04  
-----Webs-----  
G -E 0.14 738 C  
E -N 0.45 1145 T  
N -O 0.21 1072 C  
O -M 0.22 557 T  
M -P 0.10 522 C  
P -B 0.19 484 T  
B -A 0.06 309 C  
D -C 0.06 309 C  
D -Q 0.19 484 T  
Q -L 0.10 522 C  
L -R 0.22 557 T  
R -K 0.21 1073 C  
K -H 0.45 1145 T  
J -H 0.14 738 C

TL Defl -0.22" in B -D L/688  
LL Defl -0.14" in B -D L/999  
Shear // Grain in A -C 0.26

Plates for each ply each face.  
Plate - MT20 20 Ga, Gross Area  
Plate - MT2H 20 Ga, Gross Area  
Jt Type Plt Size X Y JSI  
E MT20 3.0x 4.0 0.7-0.1 0.96  
E MT20 2.0x 4.0 Ctr Ctr 0.00  
O MT20 3.0x 4.0 Ctr Ctr 0.62  
P MT20 3.0x 4.0 Ctr Ctr 0.66  
A MT20 1.5x 3.0 Ctr Ctr 0.22  
C MT20 1.5x 3.0 Ctr Ctr 0.22  
Q MT20 3.0x 4.0 Ctr Ctr 0.66  
R MT20 3.0x 4.0 Ctr Ctr 0.62  
H MT20 3.0x 4.0-0.7-0.1 0.96  
H MT20 2.0x 4.0 Ctr Ctr 0.00  
G MT20 2.0x 3.0 Ctr Ctr 0.66  
N MT20 4.0x 4.0-0.5 0.5 0.89  
M MT20 3.0x 4.0 Ctr Ctr 0.62  
B MT20 3.0x 4.0-0.5 0.5 0.66  
D MT20 3.0x 4.0 0.5 Ctr 0.66  
L MT20 3.0x 4.0 Ctr Ctr 0.62  
K MT20 4.0x 4.0 0.5 0.5 0.89  
J MT20 2.0x 3.0 Ctr Ctr 0.66

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

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

NOTES:  
Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002  
Design checked for 10 psf non-  
concurrent LL on BC.  
Provide 2X6 continuous  
strongbacks (on edge) every  
10.0 Ft. Fasten to each  
truss w/ 3-10d(0.131"x3")  
nails at truss member(s).  
This truss must be installed  
as shown. It cannot be  
installed upside-down.  
Max comp. force 2827 Lbs  
Max tens. force 2827 Lbs  
Connector Plate Fabrication  
Tolerance = 10%  
This truss is designed for a  
creep factor of 1.5 which  
is used to calculate total  
load deflection.

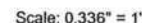


FL Cert. 6634

April 16,2010

GLENN

This truss is NOT symmetric.  
Proper orientation is essential.



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 106.6 LBS

Online Plus -- Version 26.0.009  
RUN DATE: 16-APR-10

|    | CSI  | -Size- | ----Lumber---- |
|----|------|--------|----------------|
| TC | 0.69 | 4x 2   | SP-#2          |
| BC | 0.74 | 4x 2   | SP-#2          |
| WB | 0.52 | 4x 2   | SP-#3          |

| Brace truss as follows: |        |         |          |
|-------------------------|--------|---------|----------|
|                         | O.C.   | From    | To       |
| TC                      | Cont.  | 0- 0- 0 | 17- 2- 0 |
| BC                      | 120.0" | 0- 0- 0 | 17- 2- 0 |

|            |          |         |       |
|------------|----------|---------|-------|
| psf-Ld     | Dead     | Live    |       |
| TC         | 10.0     | 40.0    |       |
| BC         | 5.0      | 0.0     |       |
| TC+BC      | 15.0     | 40.0    |       |
| Total      | 55.0     | Spacing | 24.0" |
| Lumber     | Duration | Factor  | 1.00  |
| Plate      | Duration | Factor  | 1.00  |
| TC Fb=1.15 | Fc=1.10  | Ft=1.10 |       |
| BC Fb=1.10 | Fc=1.10  | Ft=1.10 |       |

Total Load Reactions (Lbs)

| Jt | Down | Uplift | Horiz- |
|----|------|--------|--------|
| G  | 43   | 418 G  |        |
| L  | 1509 |        |        |
| J  | 638  |        |        |

G = Gravity Uplift

| Jt | Brg Size | Required |
|----|----------|----------|
| G  | 3.5"     | 1.5"     |
| L  | 3.5"     | 1.5"     |
| J  | 9.0"     | 1.5"     |

Plus 4 Unbalanced Load Cases  
Plus 1 UBC LL Load Case(s)  
Plus 1 DL Load Case(s)

| Membr                   | CSI  | P Lbs  | Axl-CSI-Bnd |      |
|-------------------------|------|--------|-------------|------|
| -----Top Chords-----    |      |        |             |      |
| E -W                    | 0.47 | 663 T  | 0.12        | 0.35 |
| W -K                    | 0.69 | 1665 T | 0.34        | 0.37 |
| K -S2                   | 0.37 | 612 T  | 0.12        | 0.25 |
| S2-S                    | 0.43 | 612 T  | 0.12        | 0.31 |
| S -T                    | 0.32 | 1056 C | 0.01        | 0.31 |
| T -A                    | 0.66 | 1995 C | 0.02        | 0.64 |
| A -C                    | 0.66 | 1995 C | 0.02        | 0.64 |
| C -U                    | 0.41 | 1995 C | 0.02        | 0.39 |
| U -V                    | 0.37 | 1833 C | 0.03        | 0.34 |
| V -H                    | 0.34 | 788 C  | 0.00        | 0.34 |
| -----Bottom Chords----- |      |        |             |      |
| G -Q                    | 0.03 | 0 T    | 0.00        | 0.03 |
| Q -L                    | 0.47 | 1321 C | 0.42        | 0.05 |
| L -P                    | 0.70 | 1665 C | 0.65        | 0.05 |
| P -O                    | 0.15 | 441 T  | 0.09        | 0.06 |
| O -B                    | 0.60 | 1694 T | 0.26        | 0.34 |
| B -D                    | 0.71 | 1995 T | 0.34        | 0.37 |
| D -S1                   | 0.74 | 2068 T | 0.37        | 0.37 |

|      | INC./Online | Plus |   | APPROX. | GROSS |
|------|-------------|------|---|---------|-------|
| SI-N | 0.57        | 2068 | T | 0.43    | 0.14  |
| N -M | 0.36        | 1520 | T | 0.29    | 0.07  |
| M -J | 0.03        | 0    | T | 0.00    | 0.03  |

|   |    | webs        |
|---|----|-------------|
| G | -E | 0.16 423 T  |
| E | -Q | 0.16 797 C  |
| Q | -W | 0.32 800 T  |
| W | -L | 0.15 782 C  |
| L | -K | 0.17 900 C  |
| K | -P | 0.52 1302 T |
| P | -S | 0.25 1227 C |
| S | -O | 0.30 753 T  |
| O | -T | 0.15 778 C  |
| T | -B | 0.25 641 T  |
| B | -A | 0.07 388 C  |
| D | -C | 0.04 140 C  |
| D | -U | 0.07 255 C  |
| U | -N | 0.05 285 C  |
| N | -V | 0.15 382 T  |
| V | -M | 0.18 894 C  |
| M | -H | 0.37 947 T  |
| J | -H | 0.12 628 C  |

|          |        |      |    |       |
|----------|--------|------|----|-------|
| TL Defl  | -0.20" | in D | -N | L/759 |
| LL Defl  | -0.13" | in D | -N | L/999 |
| Shear // | Grain  | in C | -U | 0.32  |

| Plates for each ply each face. |      |       |         |         |            |      |
|--------------------------------|------|-------|---------|---------|------------|------|
| Plate -                        |      | MT20  | 20      | Ga,     | Gross Area |      |
| Plate -                        |      | MT2H  | 20      | Ga,     | Gross Area |      |
| Jt                             | Type | Plt   | Size    | X       | Y          | JSI  |
| E                              | MT20 | 3.0x  | 4.0     | 0.5     | Ctr        | 0.65 |
| E                              | MT20 | 2.0x  | 4.0     | Ctr     | Ctr        | 0.00 |
| W                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.90 |
| K                              | MT20 | 4.0x  | 4.0     | 0.8-0.5 | 0.90       |      |
| S2                             | MT20 | W3.0x | 4.0     | Ctr     | Ctr        | 0.00 |
| S                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.84 |
| T                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.84 |
| A                              | MT20 | 1.5x  | 3.0     | Ctr     | Ctr        | 0.64 |
| C                              | MT20 | 1.5x  | 3.0     | Ctr     | Ctr        | 0.64 |
| U                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.51 |
| V                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.50 |
| H                              | MT20 | 3.0x  | 4.0-0.5 | Ctr     | 0.89       |      |
| H                              | MT20 | 2.0x  | 4.0     | Ctr     | Ctr        | 0.00 |
| G                              | MT20 | 2.0x  | 3.0     | Ctr     | Ctr        | 0.76 |
| Q                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.90 |
| L                              | MT20 | 3.0x  | 4.0-0.5 | Ctr     | 0.69       |      |
| P                              | MT20 | 4.0x  | 6.0     | Ctr     | 0.5        | 0.82 |
| O                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.84 |
| B                              | MT20 | 3.0x  | 4.0-0.5 | Ctr     | 0.83       |      |
| D                              | MT20 | 3.0x  | 4.0     | 0.5     | Ctr        | 0.57 |
| S1                             | MT20 | W3.0x | 4.0     | Ctr     | Ctr        | 0.00 |
| N                              | MT20 | 3.0x  | 4.0     | Ctr     | Ctr        | 0.43 |
| M                              | MT20 | 3.0x  | 4.0     | 0.2     | Ctr        | 0.96 |
| J                              | MT20 | 2.0x  | 3.0     | Ctr     | Ctr        | 0.67 |

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

Tampa, FL 33610

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

NOTES:

Trusses Manufactured by:  
Mayo Truss Co. Inc.  
Analysis Conforms To:  
FBC2007  
TPI 2002

Design checked for 10 psf non-concurrent LL on BC.  
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).  
This truss must be installed as shown. It cannot be installed upside-down.

Max comp. force 1995 Lbs  
Max tens. force 2068 Lbs  
Connector Plate Fabrication  
Tolerance = 10%

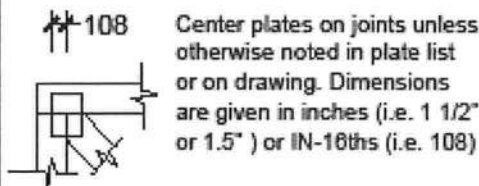
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.



FL Cert. 6634

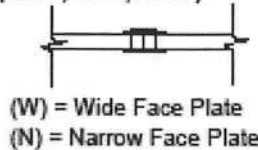
# ROBBINS ENG. GENERAL NOTES & SYMBOLS

## PLATE LOCATION



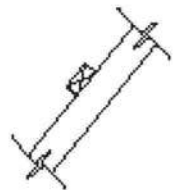
## FLOOR TRUSS SPLICE

( 3X2, 4X2, 6X2 )

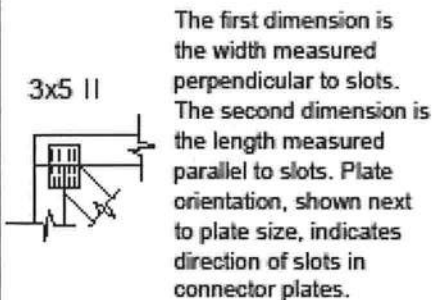


## LATERAL BRACING

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.

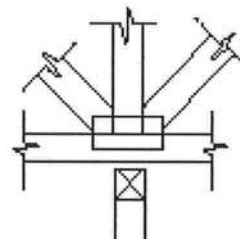
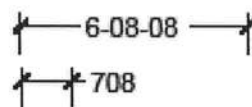


## PLATE SIZE AND ORIENTATION



## 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.



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

[www.robbseng.com](http://www.robbseng.com)



**Columbia County Building Permit Application**

|                                                                                                                                                                                                                                               |                      |                              |                           |                          |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|---------------------------|--------------------------|----------------------------|
| <b>For Office Use Only</b>                                                                                                                                                                                                                    |                      | Application # <u>1006-44</u> | Date Received <u>9/16</u> | By <u>JW</u>             | Permit # <u>1836/28719</u> |
| Zoning Official <u>BLK</u>                                                                                                                                                                                                                    | Date <u>24.06.10</u> | Flood Zone <u>X</u>          | Land Use <u>A-3</u>       | Zoning <u>A-3</u>        |                            |
| FEMA Map # <u>N/A</u>                                                                                                                                                                                                                         | Elevation <u>N/A</u> | MFE <u>1' above Rd</u>       | River <u>N/A</u>          | Plans Examiner <u>JD</u> | Date <u>6-24-10</u>        |
| Comments _____                                                                                                                                                                                                                                |                      |                              |                           |                          |                            |
| <input checked="" type="checkbox"/> NOC <input type="checkbox"/> EH <input type="checkbox"/> Deed or PA <input checked="" type="checkbox"/> Site Plan <input type="checkbox"/> State Road Info <input type="checkbox"/> Parent Parcel # _____ |                      |                              |                           |                          |                            |
| <input type="checkbox"/> Dev Permit # _____ <input type="checkbox"/> In Floodway <input type="checkbox"/> Letter of Auth. from Contractor <input type="checkbox"/> F W Comp. letter                                                           |                      |                              |                           |                          |                            |
| IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____                                                                                                                                                                                  |                      |                              |                           |                          |                            |
| School _____ = TOTAL <u>0 SUSPENDED</u> <u>10 VF</u>                                                                                                                                                                                          |                      |                              |                           |                          |                            |

Septic Permit No. 10-0065

Fax \_\_\_\_\_

Name Authorized Person Signing Permit THOMAS J. GLENN JR Phone (386) 497-3795

Address 608 SW BEAR LANE FORT WHITE, FL 32038

Owners Name THOMAS JOEL JR & STEPHANIE K GLENN Phone (386) 497-3795

☒ 911 Address 654 SW TIMUQUA TER FORT WHITE FL 32038

Contractors Name THOMAS JOEL GLENN JR. Phone (386) 497-3795

Address 608 SOUTHWEST BEAR LANE FORT WHITE, FL 32038

Fee Simple Owner Name & Address \_\_\_\_\_

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address SOUTHERN DRAFTING & DESIGN 21417 NE 51<sup>ST</sup> AVE EARL

Mortgage Lenders Name & Address N/A FL, 32631

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

Property ID Number 12-75-16-04184-103 Estimated Cost of Construction \$340,000.00

Subdivision Name TIMUQUA Lot 3 Block A Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions From Lake City, South on Hwy. 47. To Fort White. At traffic light in Fort White, turn Left on Hwy. 27. In 3 miles, turn left onto SW Timuqua Ter. Pass Bear Lane, the property is on the left (a mailbox marked #607 is in front).

Construction of 5" I.C.F S.F.R. Total Acreage 5.01 Lot Size 5.01

Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 25'-7"

Actual Distance of Structure from Property Lines - Front 146'-8" Side 167'-9" Side 216'-5" Rear 201'-1"

Number of Stories 2 Heated Floor Area 4430 Total Floor Area 5630 Roof Pitch 10:12 + 8:12

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

OK# 2587

**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000001836**

DATE 07/13/2010 PARCEL ID # 12-7S-16-04184-103  
APPLICANT THOMAS J. GLENN, Jr. PHONE 386.497.3795  
ADDRESS 608 SW BEAR LANE FT. WHITE FL 32038  
OWNER THOMAS J. GLENN, JR. PHONE 386.497.3795  
ADDRESS 654 SW TIMUQUA TERRACE FT. WHITE FL 32038  
CONTRACTOR THOMAS J. GLENN, JR. PHONE 386.497.3795  
LOCATION OF PROPERTY 47-S TO US 27, TL TO TIMUQUA TERRACE, TL PAST BEAR LN &  
PROPERTY IS ON THE L @ MAILBOX MARKED #607

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TIMUQUA 3 A

SIGNATURE



**INSTALLATION REQUIREMENTS**



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other \_\_\_\_\_

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALLATION OF THE CULVERT.**

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

**Amount Paid 25.00**



## COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

### Addressing Maintenance

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

DATE REQUESTED: 1/20/2010 DATE ISSUED: 1/22/2010

#### ENHANCED 9-1-1 ADDRESS:

654 SW TIMUQUA

TER

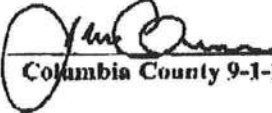
FORT WHITE FL 32038

#### PROPERTY APPRAISER PARCEL NUMBER:

12-7S-16-04184-103

#### Remarks:

LOT 3 BLOCK A TIMUQUA S/D

Address Issued By:   
Columbia County 9-1-1 Addressing / GIS Department

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

1626

COLUMBIA COUNTY  
9-1-1 ADDRESSING  
APPROVED



Revised  
update  
7.15.10

# 28719

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 10-0065

CONTRACTOR

Thomas J. Glen Jr

PHONE

457-3795

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

**Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.**

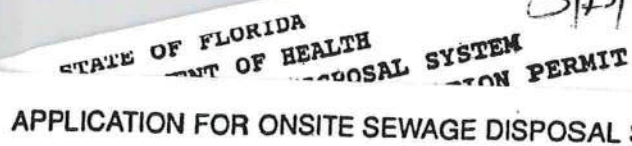
|                                   |                                                                 |                                                              |
|-----------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|
| <b>ELECTRICAL</b>                 | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |
| <b>MECHANICAL/<br/>A/C</b>        | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |
| <b>PLUMBING/<br/>GAS</b>          | Print Name <u>JEREMY JONES</u><br>License #: <u>CFC 1426433</u> | Signature <u>[Signature]</u><br>Phone #: <u>352-225-1213</u> |
| <b>ROOFING</b>                    | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |
| <b>SHEET METAL</b>                | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |
| <b>FIRE SYSTEM/<br/>SPRINKLER</b> | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |
| <b>SOLAR</b>                      | Print Name _____<br>License #: _____                            | Signature _____<br>Phone #: _____                            |

| Specialty License  | License Number | Sub-Contractors Printed Name | Sub-Contractors Signature |
|--------------------|----------------|------------------------------|---------------------------|
| MASON              |                |                              |                           |
| CONCRETE FINISHER  |                |                              |                           |
| FRAMING            |                |                              |                           |
| INSULATION         |                |                              |                           |
| STUCCO             |                |                              |                           |
| DRYWALL            |                |                              |                           |
| PLASTER            |                |                              |                           |
| CABINET INSTALLER  |                |                              |                           |
| PAINTING           |                |                              |                           |
| ACOUSTICAL CEILING |                |                              |                           |
| GLASS              |                |                              |                           |
| CERAMIC TILE       |                |                              |                           |
| FLOOR COVERING     |                |                              |                           |
| ALUM/VINYL SIDING  |                |                              |                           |
| GARAGE DOOR        |                |                              |                           |
| METAL BLDG ERECTOR |                |                              |                           |

**F. S. 440.103 Building permits; identification of minimum premium policy.**—Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form: Subcontractor Form: 6/09

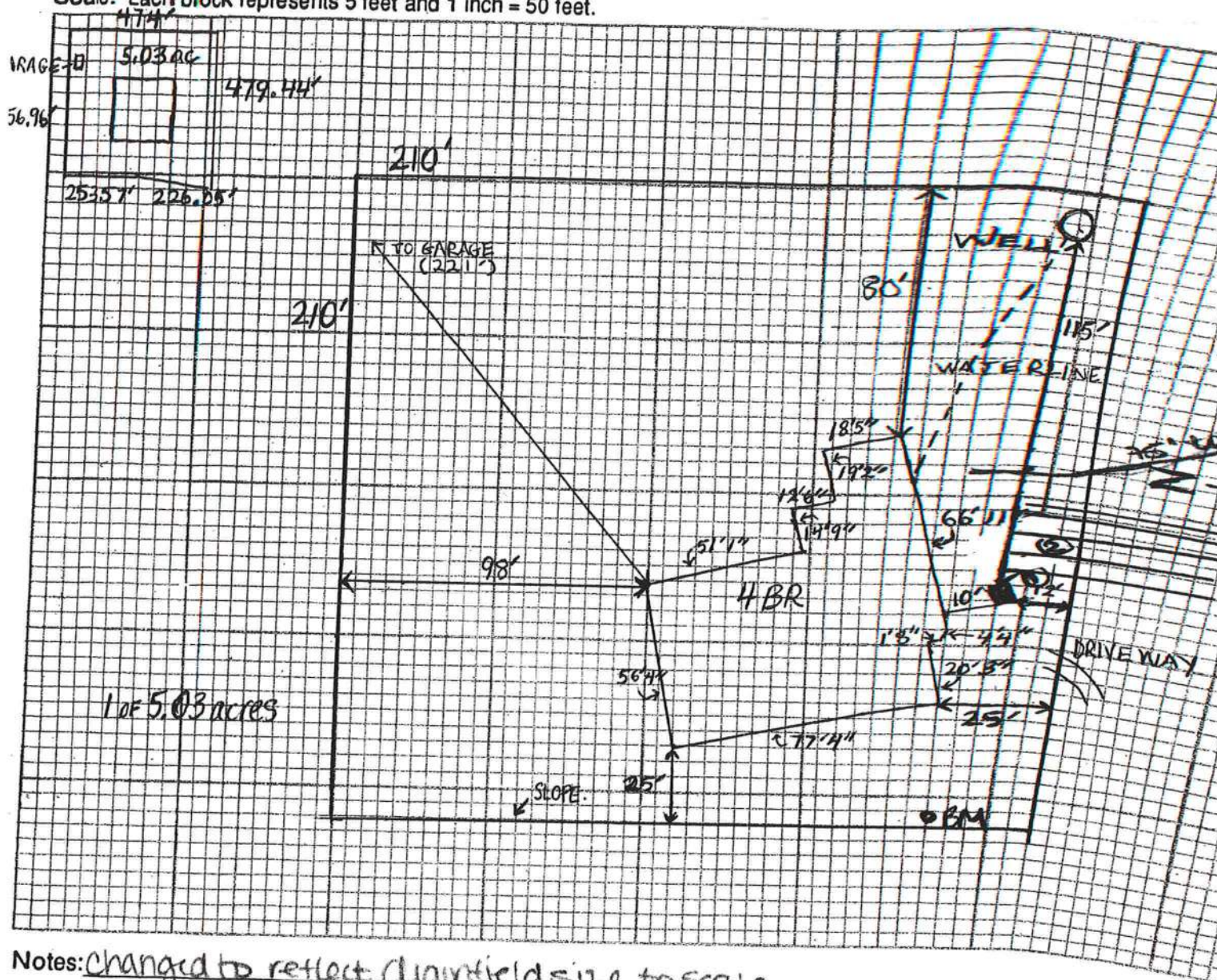




APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM **CONSTRUCTION**  
Permit **Application Number**

## PART II - SITE PLAN -

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



Notes: changed to reflect chainfield size to scale

**Site Plan submitted by:**

Stephanie Glenn  
Signature

Signature \_\_\_\_\_

Plan Approved X

Not Approved

**By**

Columbin

County Health Department

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**



Inst 201012010405 Date: 6/29/2010 Time: 4:36 PM  
DC.P. DeWitt Cason, Columbia County Page 1 of 1 B.1197 P.3

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 12-75-16-04184-103

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): LOT 3 BLOCK A TIMUGUA S/D ORB 626-593, 751-1643, QCD 1157-847  
a) Street (job) Address: 654 SW TIMUGUA TER, FORT WHITE, FL
2. General description of improvements: build one-family residential home
3. Owner Information  
a) Name and address: TOM & STEPHANIE GLENN, 608 SW BEAR LN, FORT WHITE, FL 32038  
b) Name and address of fee simple titleholder (if other than owner) \_\_\_\_\_  
c) Interest in property \_\_\_\_\_
4. Contractor Information  
a) Name and address: SELF Tom Glenn 608 SW BEAR LN FORT WHITE, FL 32038  
b) Telephone No.: (386) 497-3796 Fax No. (Opt.) \_\_\_\_\_
5. Surety Information  
a) Name and address: \_\_\_\_\_  
b) Amount of Bond: \_\_\_\_\_  
c) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_
6. Lender  
a) Name and address: \_\_\_\_\_  
b) Phone No. \_\_\_\_\_
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): \_\_\_\_\_

**WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.**

STATE OF FLORIDA  
COUNTY OF COLUMBIA

10. [Signature]  
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager  
THOMAS J. GLENN  
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 29th day of June, 2010, by:  
Thomas Glenn as owner (type of authority, e.g. officer, trustee, attorney

fact) for \_\_\_\_\_ (name of party on behalf of whom instrument was executed).

Personally Known \_\_\_\_\_ OR Produced Identification ☒ Type DL

Notary Signature

[Signature]

Notary Stamp or Seal



—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

[Signature]  
Signature of Natural Person Signing (in line #10 above.)

**THIS QUIT CLAIM DEED**, executed the 8<sup>th</sup> day of August A.D. 2008 by  
**HETTIE LOU GLENN**,

first party, to Thomas Joel Glenn Jr and Stephanie K Glenn, his wife  
whose post office address is 734 Remington Drive  
Chesapeake, VA 23322

Inst:200812015902 Date:8/27/2008 Time:11:52 AM  
Doc Stamp-Deed:0.70  
✓ DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1157 P:847

second party.

WITNESSETH: That the first party, for and in consideration of the sum of Gift in hand paid by the said second party, the receipt of which is hereby acknowledged, does hereby remise, release, and quit claim unto the second party forever, all the right, title, interest, claim and demand which the said first party has in and to the following described lot, piece or parcel of land, situate, lying and being in the County of Columbia, State of Florida, to-wit:

**Lot 3, Block A of Timuqua Subdivision, a subdivision according to plat thereof recorded in Plat Book 5 page 85-85A, public records of Columbia County, Florida.**

TO HAVE AND TO HOLD the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said first party, either in law or in equity to the only proper use, benefit and behoof of the said second party forever.

INWITNESS WHEREOF, the said first party has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in the presence of :

Thomas J Duncan  
signature

Thomas J Duncan  
printed signature

Sandra Grimsley  
signature

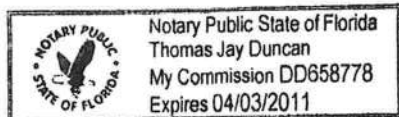
SANDRA Grimsley  
printed signature

Hettie Lou Glenn  
by Hettie Lou Glenn

**STATE OF FLORIDA**

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Hettie Lou Glenn who is personally known to me and who did take an oath, to me known to be the persons described in and who executed the foregoing instrument and he acknowledged before me that he executed the same.

Witness my hand and official seal in the County and State last aforesaid this 8<sup>th</sup> day of August, 2008.



Thomas J Duncan  
Notary Public  
Thomas J Duncan



## **COLUMBIA COUNTY BUILDING DEPARTMENT**

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

### **OWNER BUILDER DISCLOSURE STATEMENT**

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.



**SUBCONTRACTOR VERIFICATION FORM**

APPLICATION NUMBER 1006-44 CONTRACTOR Thomas Glenn, Jr. PHONE 997-3795

**THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT**

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

**Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.**

|                                   |                                                 |                                                                |
|-----------------------------------|-------------------------------------------------|----------------------------------------------------------------|
| <b>ELECTRICAL</b>                 | Print Name <u>THOMAS J. GLENN</u><br>License #: | Signature <u>[Signature]</u><br>Phone #: <u>(386) 497-4151</u> |
| <b>MECHANICAL/<br/>A/C</b>        | Print Name <u>THOMAS J. GLENN</u><br>License #: | Signature <u>[Signature]</u><br>Phone #: <u>(386) 497-3795</u> |
| <b>PLUMBING/<br/>GAS</b>          | Print Name <u>THOMAS J. GLENN</u><br>License #: | Signature <u>[Signature]</u><br>Phone #: <u>(386) 497-3795</u> |
| <b>ROOFING</b>                    | Print Name <u>THOMAS J. GLENN</u><br>License #: | Signature <u>[Signature]</u><br>Phone #: <u>(386) 497-4151</u> |
| <b>SHEET METAL</b>                | Print Name _____<br>License #:                  | Signature _____<br>Phone #:                                    |
| <b>FIRE SYSTEM/<br/>SPRINKLER</b> | Print Name _____<br>License #:                  | Signature _____<br>Phone #:                                    |
| <b>SOLAR</b>                      | Print Name _____<br>License #:                  | Signature _____<br>Phone #:                                    |

| Specialty License  | License Number | Sub-Contractors Printed Name | Sub-Contractors Signature |
|--------------------|----------------|------------------------------|---------------------------|
| MASON              |                | N/A                          |                           |
| CONCRETE FINISHER  |                | SELF THOMAS J. GLENN         | [Signature]               |
| FRAMING            |                | SELF THOMAS J. GLENN         | [Signature]               |
| INSULATION         |                | SELF THOMAS J. GLENN JR      | [Signature]               |
| STUCCO             |                | SELF                         |                           |
| DRYWALL            |                | SELF                         |                           |
| PLASTER            |                | N/A                          |                           |
| CABINET INSTALLER  |                | SELF                         |                           |
| PAINTING           |                | SELF                         |                           |
| ACOUSTICAL CEILING |                | SELF                         |                           |
| GLASS              |                | SELF                         |                           |
| CERAMIC TILE       |                | SELF                         |                           |
| FLOOR COVERING     |                | SELF                         |                           |
| ALUM/VINYL SIDING  |                | SELF                         |                           |
| GARAGE DOOR        |                | N/A                          |                           |
| METAL BLDG ERECTOR |                | N/A                          |                           |

**F. S. 440.103 Building permits; identification of minimum premium policy.**--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

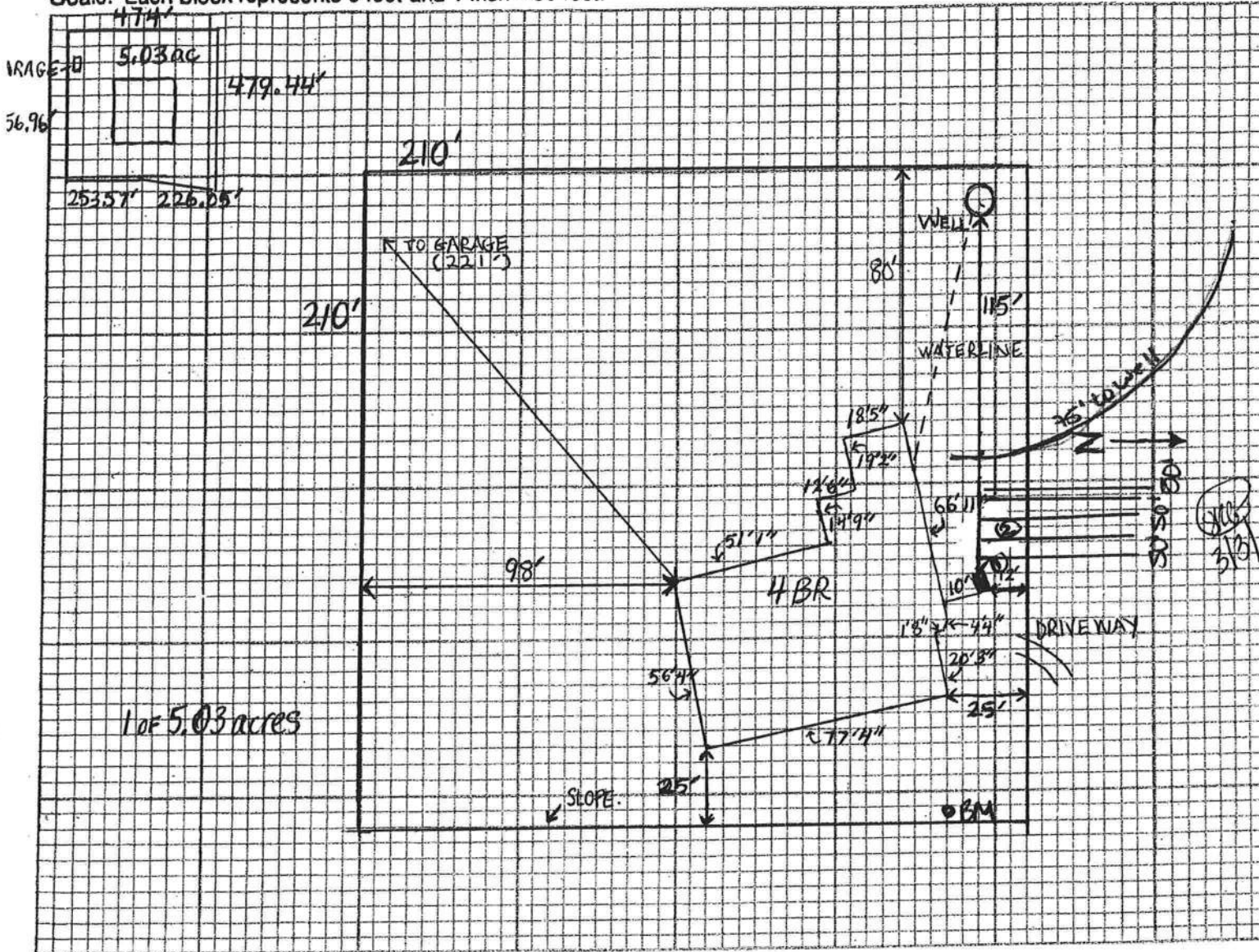


# APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 10-0065

## PART II - SITE PLAN

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



Notes: changed to reflect claimfield size to scale

Site Plan submitted by: Stephanie Glenn

Signature

OWNER Title

Plan Approved X

Not Approved

Date 2/22/16

By [Signature]

Columbia

County Health Depart

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE DISPOSAL SYSTEM  
APPLICATION FOR CONSTRUCTION PERMIT

SIB/C 2/11

PERMIT NO. 721816  
DATE PAID: 2/9/10  
FEE PAID: 285.00  
RECEIPT #: 153587

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative  
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: THOMAS & STEPHANIE GLENN

AGENT:

TELEPHONE: (386) 497-37

MAILING ADDRESS: 608 SW BEAR LN, FORT WHITE, FL 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(a) OR 489.552, FLORIDA STATUTES.

PROPERTY INFORMATION

LOT: 3 BLOCK: A SUBDIVISION: TIMUQUA PLATTED 80

PROPERTY ID #: 12-75-16-04184-103 ZONING: Res. I/M OR EQUIVALENT: [ Y ] ☒ N

PROPERTY SIZE: 5.03 ACRES WATER SUPPLY: [ ] PRIVATE PUBLIC [ ] <=2000GPD [ ] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [ Y ] ☒ N DISTANCE TO SEWER: NA FT

PROPERTY ADDRESS: 654 SW TIMUQUA TER, FORT WHITE, FL 32038

DIRECTIONS TO PROPERTY: SOUTH ON MAIN BLVD (LAKE CITY); MERGE RIGHT ONTO HWY 47; AT THE TRAFFIC LIGHT IN FORT WHITE, TURN LEFT ONTO HWY 27; 3.1 MILES - TURN LEFT ONTO SW TIMUQUA TER; PROPERTY IS PAST SW BEAR LN ON LEFT (MAILBOX MARKED #607 IS IN FRONT)

BUILDING INFORMATION ☒ RESIDENTIAL [ ] COMMERCIAL

| Unit No | Type of Establishment | No. of Bedrooms | Building Area Sqft | Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC |
|---------|-----------------------|-----------------|--------------------|--------------------------------------------------------------------|
| 1       | RESIDENTIAL HOME      | 4               | 4,439              | 3/3/10                                                             |
| 2       |                       |                 |                    |                                                                    |
| 3       |                       |                 |                    |                                                                    |
| 4       |                       |                 |                    |                                                                    |

[ ] Floor/Equipment Drains [ ] Other (Specify)

SIGNATURE:

Stephanie Glenn

DATE:

2/8/10

28719

## FIELD DENSITY WORKSHEET

CLIENT Copeland DATE 7-20-10  
 PROJECT NAME Glenn Res. 654 SW Timugua PROJECT NO. \_\_\_\_\_  
 EARTH CONTRACTOR Ft. White PERMIT NO. \_\_\_\_\_  
 COMPACTION REQUIREMENT (%) 95 ☐ Standard Proctor TESTED BY S.L.  
☒ Modified Proctor FIELD CONTACT \_\_\_\_\_  
 TOTAL ON-SITE TIME \_\_\_\_\_ MILES FROM OFFICE \_\_\_\_\_  
☐ Limerock ☐ Subgrade ☐ Pipe Backfill ☒ Building Pad ☒ Building Footing ☐ Other \_\_\_\_\_

| TEST LOCATION                              | LAB PROCTOR |      | TEST DEPTH | PROBE DEPTH | % MOIST. | WET DENSITY (PCF) | DRY DENSITY (PCF)      | % COMP.              |
|--------------------------------------------|-------------|------|------------|-------------|----------|-------------------|------------------------|----------------------|
|                                            | DENS.       | OMC  |            |             |          |                   |                        |                      |
|                                            | 112.1       | 9.9  | F/C        | 12'         |          |                   |                        |                      |
| Center of W. Footing                       |             |      |            |             | 8.9      | 119.6             | <del>109.8</del> 109.8 | <del>97.7</del> 97.7 |
| Center of E. Footing                       |             |      |            |             | 9.4      | 119.5             | 109.2                  | 97.2                 |
| 10' SE of NW Corner of <del>Foot</del> Pad | 103.2       | 10.3 |            |             | 5.8      | 107.8             | 101.9                  | 98.7                 |
| 6' South of Center of Pad                  |             |      |            |             | 5.7      | 107.3             | 101.5                  | 98.4                 |
|                                            |             |      |            |             |          |                   |                        |                      |
|                                            |             |      |            |             |          |                   |                        |                      |
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|                                            |             |      |            |             |          |                   |                        |                      |
|                                            |             |      |            |             |          |                   |                        |                      |

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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



# Notice of Treatment

42545

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

Address: 116 NW 16 AVE

City GRVILLE Phone 376-2661

Site Location: Subdivision \_\_\_\_\_

Lot # \_\_\_\_\_ Block# \_\_\_\_\_ Permit # 28719

Address 654 SW TIMUQUA TERR FT WHITE

## Product used

## Active Ingredient

## % Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

## Type treatment:

☒ Soil

☐ Wood

## Area Treated

## Square feet

## Linear feet

## Gallons Applied

MB-PRCHS

5331

3379

268

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

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

7/21/10  
Date

1:00  
Time

BILL E.  
Print Technician's Name

Remarks: \_\_\_\_\_

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©



04184-103

TERMITE SPECIFICATIONS:

1. PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE LOCATED ON THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRICAL PANEL (FBC 1503.4.6)
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS (FBC 1503.4.4)
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS (FBC 1503.4.4)
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION: PAINT OR DECORATIVE CEMENTATION FINISHES THIN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL (FBC 1403.1.5)
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE (FBC 1816.1.1)
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED AND FORMED (FBC 1816.1.2)
7. BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT (FBC 1816.1.3)
8. MINIMUM 5 MIL VAPOR RETARDERS MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED (FBC 1816.1.4)
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT (FBC 1816.1.5)
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS (FBC 1816.1.5)
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED (FBC 1816.1.5)
12. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT (FBC 1816.1.7)
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBSEQUENT TERMITE INFESTATION IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES (FBC 1816.1.7)
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAGES, TUB TRAY BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL (FBC 2303.1.1)
15. NO WOOD, VEGETATION, STUMPS, CARBOBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING (FBC 2303.1.4)

STRUCTURAL NOTES:

FOUNDATIONS

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI. A SLUMP OF 6" PLUS OR MINUS 1" AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC GRADE 40
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 WIRE SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6"
4. HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS
5. ALL CORNERS OR CORNER BARS WITH A 2'-0" MINIMUM LAP SPICES ON ALL REINFORCING BAR SPICES SHALL BE 40 BAR DIAMETERS TYPE 112 TO 10 BAR
6. CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM

CAST IN PLACE CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI. A SLUMP OF 6" PLUS OR MINUS 1" AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
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6. CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM

MASONRY WALL CONST.

1. HOLDUP LOAD BEARING UNITS SHALL BE NORMAL WEIGHT GRADE II TYPE 2 CONFORMING TO ASTM C90 WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1500 PSI (F<sub>m</sub> = 1350 PSI)
2. MORTAR SHALL BE TYPE "M" OR "S" CONFORMING TO ASTM C270
3. CORNER GROUT SHALL CONFORM TO ASTM C270 WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1500 PSI (F<sub>m</sub> = 1350 PSI)
4. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 16 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED
5. REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS
6. PLASTIC SCREEN METAL LATH STRIP OR CANTY CANS MAY BE USED TO PREVENT THE FLOW OF GROUT INTO CELLS THE USE OF FELT PAPER AS A STOP IS PROHIBITED

WOOD CONSTRUCTION

1. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, LATEST EDITION
2. ALL EXTERIOR WOOD SURFACES, BEARING WALLS, SHEAR WALLS, AND FLOOR JOISTS SHALL BE TREATED WITH AN EPoxy (SIMPSON EPOXY SET) OR MILITARY GRADE 1 (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE SHALL BE USED REARWARDS OF SHEETS
3. ANY WOOD FRAME EXPOSED TO WEATHER SHALL HAVE SHIELDS FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HISS STUD SHEETS (V.L. UNO)

WOOD FRAMING INSPECTION

1. ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGHINS MUST BE COMPLETE, INSPECTED, AND APPROVED BEFORE RECORDING FRAMING INSPECTION

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY HIGH CASE CLIPS OR ANCHORS
2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR STRESS GRADE LUMBER AND TRUSS MANUFACTURERS ASSOCIATION
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPOSED FOR LOAD DURATION OF 25% TO WITHIN THE LIVE LOAD GIVEN IN THE NOTES AND TOTAL DEAD LOAD
4. BRIDGING FOR PREFABRICATED TRUSSES SHALL BE AS NOTED ON THE PLANS
5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONSTRUCTION AND SHALL BE USED FOR ALL TRUSSES NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
6. DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TP-1 LATEST EDITION
7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY A TRUSS MANUFACTURER AND SHALL INCLUDE TRUSS AND COVERING CODES, SUBMITTAL SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS, JOISTS, AND PERMANENT BRACING AND OR BRIDGING AS REQUIRED
8. ALL TRUSSES SHALL BE STAMPED AND SIGNED BY A LICENSED REGISTERED STRUCTURAL ENGINEER SUBMIT 70219 FOR REVIEW AND APPROVAL PRIOR TO FABRICATION
9. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SHILLAR CONDITIONS, TRUSS SHEDS BEARING SHALL BE AT ALL SPICES, BROWN MEMBERS, AND ALL TRUSS TO TRUSS ANCHORS

UP/LIFT CONNECTORS

1. UP/LIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHORS ARE ONLY REQUIRED ON MEMBERS WALLS THAT ARE EXPOSED TO UP/LIFT FORCES TO UP/LIFT FORCES THE MEMBERS OF THE WALLS WOULD NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

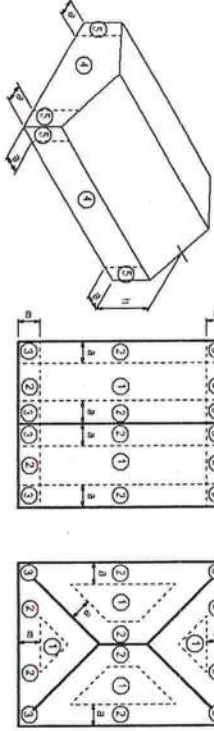
FIELD REPAIR NOTES

1. MISSED UNTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) SIMPSON HISS STUD SHEET (V.L. UNO) AND (2) 1/4" X 1/4" DIA. TIES TO THE BOND BE A 10" X 10" DIA. TIES TO THE TRUSS FOR UP/LIFT FORCES OR SUBSTITUTED ON A CASE BY CASE BASIS
2. MISSED 7" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3" DIA. X 6" DEEP UNTEL "PROPOXY" 300 ADHESIVE BOND/FILLING FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS (V.L. UNO)
3. REGRADING MISSED REBAR IN VERTICAL FILLED CELLS, DRILL 1/4" DIA. HOLE 8" DEEP AT THE LOCATION OF THE MISSED REBAR. USE A TWO PART EPOXY/ADHESIVE EPOXY (SIMPSON EPOXY SET) OR MILITARY GRADE 1 (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE SHALL BE USED REARWARDS OF SHEETS
4. HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF GREATER WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS ARE PROVIDED. (1) AS VERT FOR ROOFER JOISTS LESS THAN 14" PROVIDE: (1) AS VERT IN CONJUNCTION WITH THE JOINT BAR DOES NOT HAVE TO BE CONT. TO FOOTING)

STRUCTURAL DESIGN CRITERIA

| CODES: | FLORIDA BUILDING CODE, 2007 EDITION WITH 2009 SUPPLEMENTS         |
|--------|-------------------------------------------------------------------|
|        | BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05)   |
|        | BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05)   |
|        | NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2001 EDITION |
|        | APA PLYWOOD DESIGN SPECIFICATION                                  |
|        | ASCE 7-02                                                         |
|        | ASCE 8-02                                                         |
|        | ASCE 9-01                                                         |
|        | ASCE 10-01                                                        |
|        | ASCE 11-01                                                        |
|        | ASCE 12-01                                                        |
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|        | ASCE 98-01                                                        |
|        | ASCE 99-01                                                        |
|        | ASCE 100-01                                                       |

WALLS



COMPONENTS AND CLADDING

INDEX OF SHEETS

| SHEET NUMBER | DESCRIPTION         |
|--------------|---------------------|
| S-1          | GENERAL NOTES SHEET |
| S-2          | SECTION DETAILS     |
| S-3          | SHEARWALL DETAILS   |

TOM GLENN RESIDENCE  
BONUS ROOM FRAMING



Freeman Design Group  
128 SW NASSAU ST  
LAKE CITY, FL. 32055  
(386)758-4209

SHEET S-1  
DATE 08/17/10  
DRAWN BY W.H.F.  
CHECKED BY W.H.F.  
PROJECT NO. 10R031

08/17/10  
12/16/10  
H. H. F.

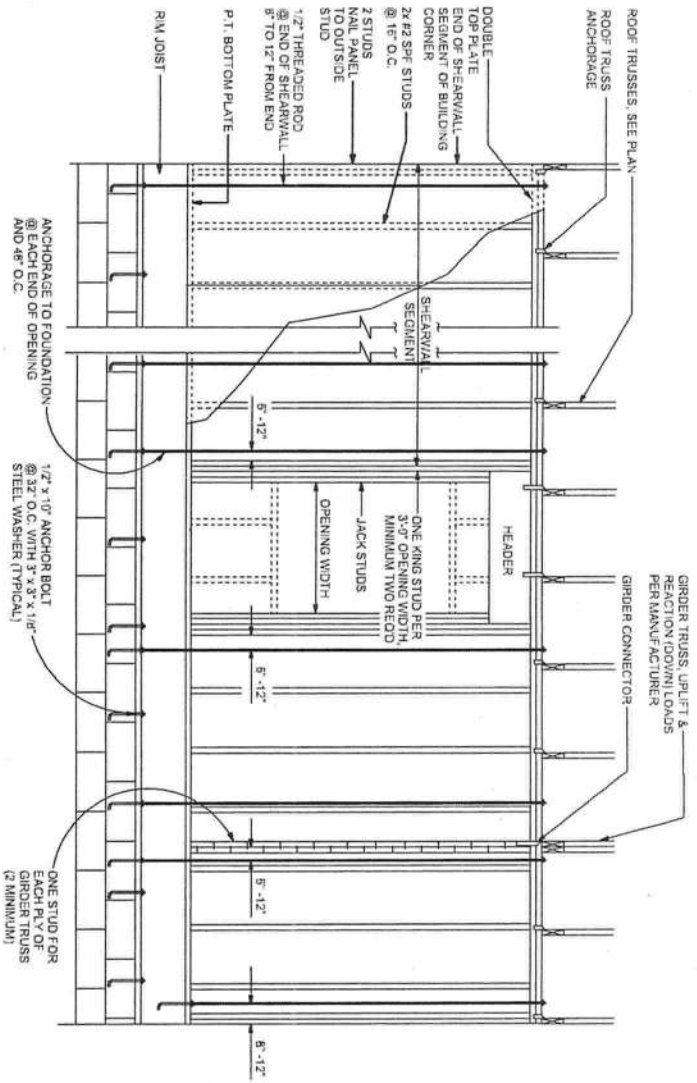


THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE REQUIRED SETS OF THE CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

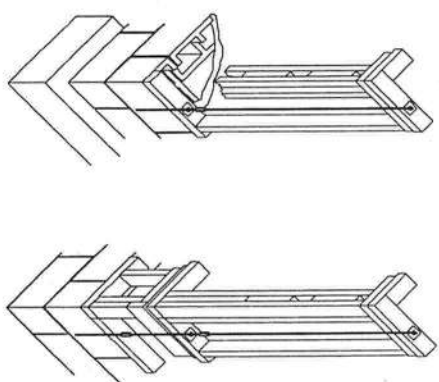
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.





| OPENING CONNECTION REQUIREMENTS |                                  |             |                                  |                                               |
|---------------------------------|----------------------------------|-------------|----------------------------------|-----------------------------------------------|
| CLEAR OPENING WIDTH             | HEADER SIZE EACH GRADE OR BETTER | END BEARING | CONNECTOR AT EACH END OF OPENING | ANCHORAGE TO FOUNDATION @ EACH END OF OPENING |
| 0' - 3'                         | (2) 2x6                          | 1.5"        | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |
| 3' - 6'                         | (2) 2x10                         | 3"          | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |
| 6' - 9'                         | (2) 2x12                         | 3"          | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |
| 9' - 12'                        | (2) 3x4" x 11 1/4" LVL - 20E     | 3"          | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |
| 12' - 15'                       | (2) 3x4" x 11 1/4" LVL - 20E     | 3"          | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |
| >15' - 18'                      | (2) 3x4" x 11 1/4" LVL - 20E     | 4.5"        | 1/2" ALL THREAD ROD              | 1/2" ALL THREAD ROD                           |



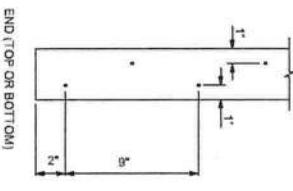
### SHEARWALL DETAILS

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

### SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 1 SHEARWALLS AS DEFINED BY STD 1039.305.4.2.
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING MEMBERS WITH JOISTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
- NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
- IF CONTIGUOUS, MAXIMUM HEIGHT OF OPENING SHALL BE 12' O.C. AND THE MINIMUM HEIGHT BETWEEN OPENINGS SHALL BE THE WALL HEIGHT 1/3 (ie. FOR 8'-0" WALLS - 12'-5").

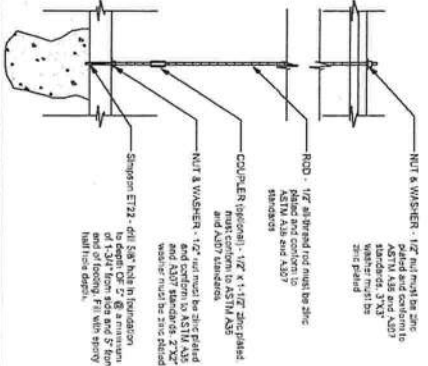
| OPENING WIDTH  | SILL PLATES        | 6x6 TOE NAILS EACH END |
|----------------|--------------------|------------------------|
| UP TO 5'-0"    | (1) 2x4 OR (1) 2x6 | 1                      |
| 5' TO 9'-0"    | (3) 2x4 OR (1) 2x6 | 2                      |
| > 9' TO 12'-0" | (3) 2x4 OR (2) 2x6 | 3                      |



### GIRD. COL. DETAIL

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

| STRUCTURAL MEMBER                                                                    | ALLOWABLE DEFLECTION |
|--------------------------------------------------------------------------------------|----------------------|
| rafters having slopes greater than 2/12 with no finished ceiling attached to rafters | L/180                |
| interior walls and partitions                                                        | H/180                |
| fores and plastered ceilings                                                         | L/240                |
| all other structural members                                                         | L/240                |
| exterior walls with plaster or stucco finish                                         | H/360                |
| exterior walls - wind loads with brick finishes                                      | L/240                |
| exterior walls - wind loads with flexible finishes                                   | L/120                |



- RULES:**
- One all-thread rod 6" - 12" from each corner.
  - One all-thread rod at each end of opening header and @ 45° o.c.
  - One all-thread rod at each end of opening header and @ 45° o.c.
  - One all-thread rod at each end of opening header and @ 45° o.c.
  - If necessary, add a 1/2" rod to obtain uniformity in rod spacing. The rod shall be placed at the top of the opening and the bottom of the opening shall be placed at the bottom of the opening.
  - Check side plate to slab connection, additional anchors may be required for lateral and shear load transfer.

| Connection Type                                 | Allowable Value |
|-------------------------------------------------|-----------------|
| Foundation / S.Y.P. Top Plate                   | 3840 lbs.       |
| Foundation / Splice-Plate-Fr Top Plate          | 3840 lbs.       |
| Lintel or Bond Beam / S.Y.P. Top Plate          | 3840 lbs.       |
| Lintel or Bond Beam / Splice-Plate-Fr Top Plate | 3840 lbs.       |

### Placement at slab level:

**Corners:**  
When placing the all-thread rod at a building corner, the rod should be placed 8" to 12" inches away from the corner so it does not interfere with the corner framing members. When a all-thread rod is specified at a building corner, it may be placed on either side of the corner.

**Header ends:**  
When placing the all-thread rod at a header end, the rod should be placed 3" to 12" inches away from the header end and so it does not interfere with the stud pick framing members.

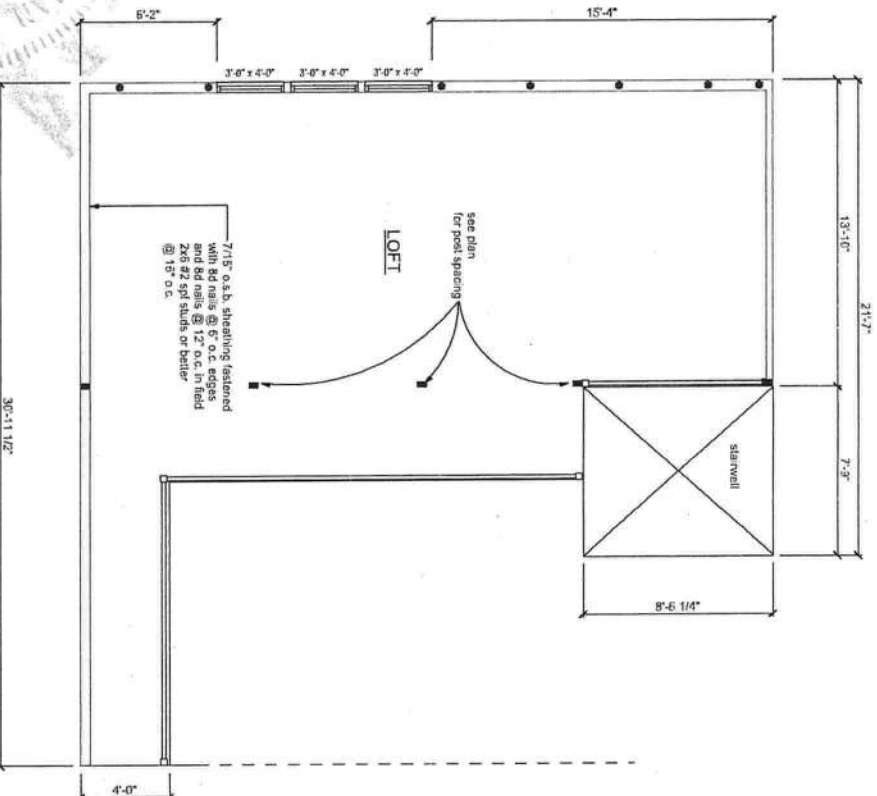
**Top Connections:**  
Top connections made at corners and header ends shall be made within 2 inches of the framing pick. A nut and 3X3 washer shall be applied to the top plates and tightened securely.

**Intermediate Coupler Connections:**  
When using the rod coupler, care should be taken to ensure full and equal thread engagement. This is easily achieved by threading the coupler all the way onto the rod, then turning the two rods end to end, then threading the coupler back over the rod part to each rod is halfway into the coupler.

**Rebar:**  
Rebar of an all thread rod replacement, the rod may be spliced into the concrete.

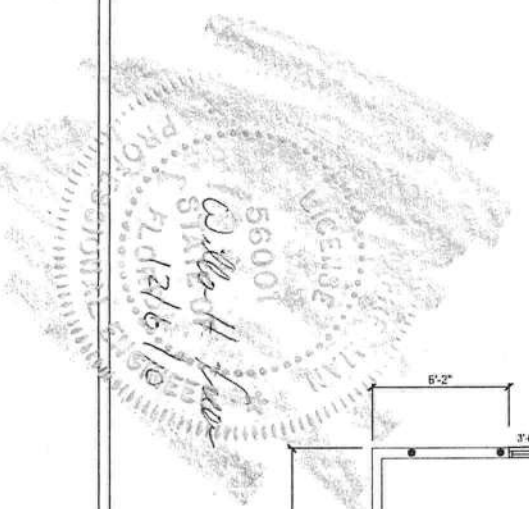
**Slab plate to slab connection:**  
The slab level sole plate shall be connected to the slab with the connections specified and at the spacing specified within the design documents. All-thread rods shall be placed as per the design specifications.

**System Tightening:**  
After the all-thread rod system is installed, the all-thread rod system shall be tightened for proper tension just before the walls are poured. This will allow the all-thread rod system to compensate for the buildings dead load compression.



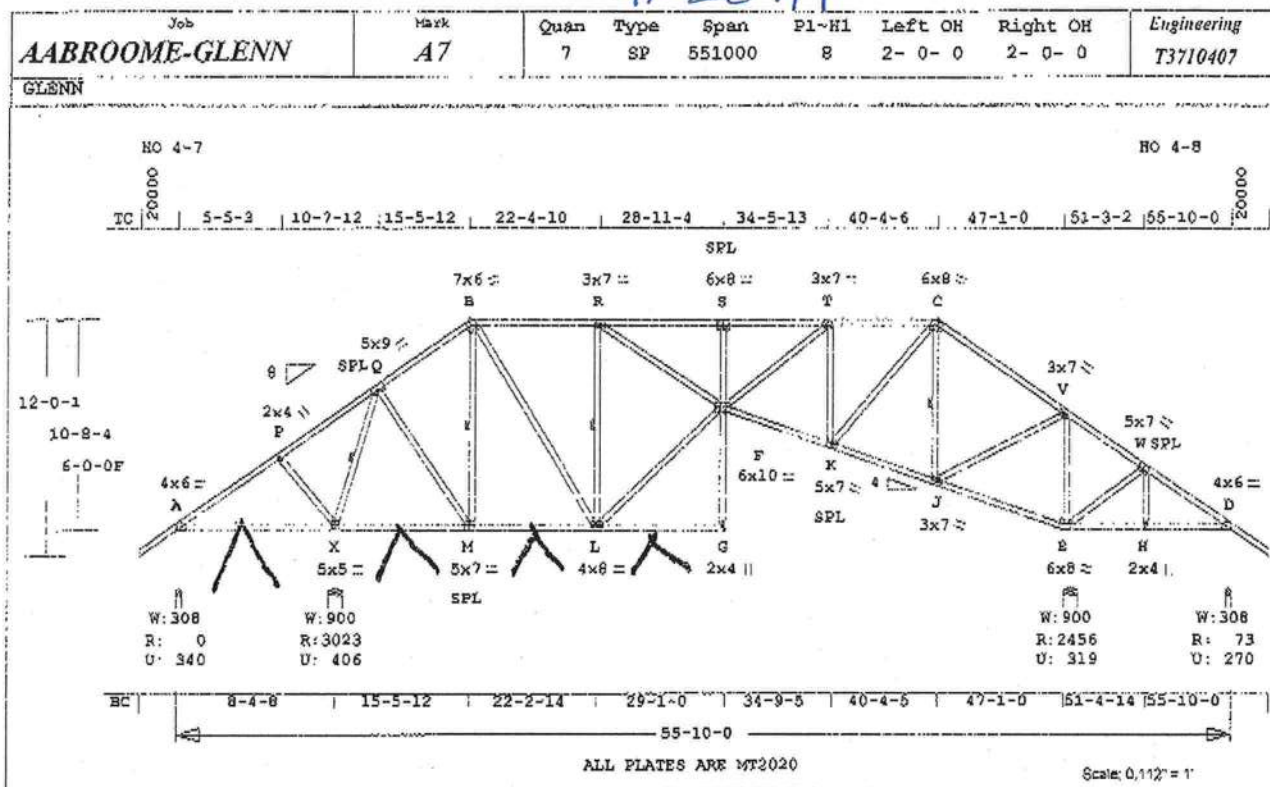
### SHEARWALL LAYOUT

SCALE: 1/4" = 1'-0"





#28719



Online Plus -- Version 26.0 008  
 RUN DATE: 16-APR-10

CSI - Size - Lumber -  
 TC 0.58 2x4 SP-#2  
 BC 0.72 2x4 SP-#2  
 CW 0.08 2x4 SP-#2  
 WS 1.00 2x4 SP-#2

Brace truss as follows:  
 O.C. From To  
 TC Cont. 0-0-0 15-5-12  
 TO 24.0\" 15-5-12 40-4-6  
 TC Cont. 40-4-6 55-10-0  
 BC Cont. 0-0-0 55-10-0  
 One continuous Lateral Brace  
 X-G M-B L-R J-C  
 Attach CLS with (2)-10d nails  
 at each web.

psf-Ld Dead Live  
 TC 10.0 20.0  
 BC 10.0 0.0  
 TC+BC 20.0 20.0  
 Total 40.0 Spacing 24.0\"  
 Lumber Duration Factor 1.25  
 Plate Duration Factor 1.25  
 TC Fb=1.15 Fc=1.10 Fv=1.10  
 BC Fb=1.10 Fc=1.10 Fv=1.10

Total Load Reactions (lbs)  
 Jc Down Uplift Horiz  
 A 340 0 255 R  
 X 3023 405 U  
 F 2456 320 U  
 D 74 270 U 254 R  
 G = Gravity Uplift

Jt Brg Size Required  
 A 3.5\" 1.5\"  
 X 9.0\" 3.4\"  
 F 9.0\" 2.6\"  
 D 3.5\" 1.5\"

Plus 9 Wind Load Case(s)  
 Plus 1 UBO LL Load Case(s)  
 Plus 1 AC LL Load Case(s)  
 Plus 1 DL Load Case(s)

Member CSI F Lbs Adl -CSI-Bnd  
 -----Top Chords-----  
 A-F 0.58 1173 T 0.21 0.37  
 P-Q 0.58 1381 T 0.21 0.37  
 Q-B 0.23 523 C 0.00 0.23  
 B-R 0.43 955 C 0.00 0.43  
 R-S 0.47 3546 C 0.04 0.43  
 S-T 0.35 2550 C 0.04 0.31  
 T-C 0.35 1445 C 0.01 0.34

Robbins Engineering, Inc./Online Plus™

C-V 0.42 649 C 0.01 0.41  
 V-W 0.57 871 T 0.17 0.40  
 W-D 0.25 503 T 0.09 0.16  
 -----Bottom Chords-----  
 A-X 0.41 549 C 0.00 0.41  
 X-M 0.41 391 C 0.00 0.41  
 M-L 0.40 434 T 0.07 0.33  
 L-G 0.30 4 T 0.00 0.30  
 F-K 0.39 1519 T 0.25 0.14  
 K-J 0.23 576 T 0.05 0.18  
 J-E 0.68 816 C 0.01 0.67  
 E-H 0.72 411 C 0.00 0.72  
 H-D 0.34 411 C 0.00 0.34

-----Chord Webs-----  
 G-F 0.07 113 T 0.02 0.05  
 F-S 0.08 170 C 0.00 0.08  
 -----Webs-----  
 P-X 0.11 317 C  
 X-Q 0.60 2624 C 1 Br  
 Q-M 0.26 1412 T  
 M-B 0.37 859 C 1 Br  
 B-L 0.76 968 T  
 L-R 0.63 1453 C 1 Br  
 L-F 0.23 1283 T  
 R-P 0.35 1893 T  
 S-T 0.25 1391 T  
 K-T 0.69 1155 C  
 M-C 0.38 1347 T  
 J-C 0.28 1026 C 1 Br  
 J-V 0.26 1436 T  
 F-V 1.00 1906 C  
 E-W 0.18 464 C  
 H-W 0.05 308 T

-----Chord Webs-----  
 G-F 0.07 113 T 0.02 0.05  
 F-S 0.08 170 C 0.00 0.08

-----Webs-----  
 P-X 0.11 317 C  
 X-Q 0.60 2624 C 1 Br  
 Q-M 0.26 1412 T  
 M-B 0.37 859 C 1 Br  
 B-L 0.76 968 T  
 L-R 0.63 1453 C 1 Br  
 L-F 0.23 1283 T  
 R-P 0.35 1893 T  
 S-T 0.25 1391 T  
 K-T 0.69 1155 C  
 M-C 0.38 1347 T  
 J-C 0.28 1026 C 1 Br  
 J-V 0.26 1436 T  
 F-V 1.00 1906 C  
 E-W 0.18 464 C  
 H-W 0.05 308 T

TL Defl -0.19\" in A-X L/477  
 LL Defl -0.09\" in A-X L/999  
 Hz Disp LL DL TL  
 Jc E 0.13\" 0.15\" 0.28\"  
 Shear // Grain in B-R 0.27

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT20 20 Ga, Gross Area  
 Jt Type Plt Size X Y Jct  
 A MT20 4.0x 5.0 0.5 0.4 0.36  
 F MT20 2.0x 4.0 Ctr Ctr 0.30  
 Q MT20 5.0x 9.0-0.3 0.5 0.32  
 E MT20 7.0x 5.0 1.3-4.2 0.59  
 R MT20 3.0x 7.0 Ctr Ctr 0.31  
 S MT20 6.0x 8.0 Ctr Ctr 0.39  
 T MT20 3.0x 7.0 Ctr Ctr 0.31  
 C MT20 6.0x 8.0-1.2-4.0 0.61  
 V MT20 3.0x 7.0 Ctr Ctr 0.78  
 W MT20 5.0x 7.0 0.3 0.5 0.40  
 D MT20 4.0x 6.0-0.6 0.4 0.36  
 X MT20 5.0x 5.0 Ctr Ctr 0.66  
 M MT20 5.0x 7.0 Ctr-0.5 0.59  
 L MT20 4.0x 8.0 Ctr Ctr 0.65

Plates for each ply each face.  
 Plate - MT20 20 Ga, Gross Area  
 Plate - MT20 20 Ga, Gross Area  
 Jt Type Plt Size X Y Jct  
 A MT20 4.0x 5.0 0.5 0.4 0.36  
 F MT20 2.0x 4.0 Ctr Ctr 0.30  
 Q MT20 5.0x 9.0-0.3 0.5 0.32  
 E MT20 7.0x 5.0 1.3-4.2 0.59  
 R MT20 3.0x 7.0 Ctr Ctr 0.31  
 S MT20 6.0x 8.0 Ctr Ctr 0.39  
 T MT20 3.0x 7.0 Ctr Ctr 0.31  
 C MT20 6.0x 8.0-1.2-4.0 0.61  
 V MT20 3.0x 7.0 Ctr Ctr 0.78  
 W MT20 5.0x 7.0 0.3 0.5 0.40  
 D MT20 4.0x 6.0-0.6 0.4 0.36  
 X MT20 5.0x 5.0 Ctr Ctr 0.66  
 M MT20 5.0x 7.0 Ctr-0.5 0.59  
 L MT20 4.0x 8.0 Ctr Ctr 0.65

APPROX. TRUSS WEIGHT: 475.9 LBS

G MT20 2.0x 4.0 Ctr Ctr 0.58  
 F MT20 6.0x 10.0 Ctr 1.2 0.54  
 X MT20 5.0x 7.0-0.2-0.5 0.63  
 J MT20 3.0x 7.0 Ctr Ctr 0.65  
 E MT20 6.0x 8.0 1.1 3.6 0.49  
 H MT20 2.0x 4.0 Ctr Ctr 0.34

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

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

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

Analysis Conforms To:

FAC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed  
 for 20.0 psf LL on the R.C.  
 in areas where a rectangle  
 1- 6-0 tall by  
 2- 0-0 wide  
 will fit between the B.C.  
 and any other member.

Design checked for 10 psf non-

concurrent LL on BC.

Wind loads - ANSI / ASCE 7-05

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

TO Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

User-defined wind-exposed BC

regions --From-- --To--

0-0-0 8-4-8

47-1-0 55-10-0

Max comp. force 2624 lbs

Max tens. force 1895 lbs

Connector Plate Fabrication

Tolerance = 20%

This truss is designed for a

creep factor of 1.5 which

is used to calculate total

load deflection.



FL Cert. 6634

845 EAST US 27  
MAYO, FL 32066  
Phone: 386-294-3988  
Toll Free: 877-558-6262  
Fax: 386-294-3981  
mayotruss@windstream.net

**MAYO TRUSS CO., INC.***PUT YOUR "TRUSS" IN US!*

# Fax

**To:** COLUMBIA COUNTY ZONING**From:** MAYO TRUSS CO., INC.**Fax:****Date:** 3/31/11**Phone:****Pages:** 2**Re:** GLENN—PERMIT# 28719**CC:**

☐ Urgent    ☐ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

**•Comments:**

I WAS ASKED TO FAX THIS OVER TO YOU. PLEASE SEE THE THIRD COLUMN HALF WAY  
DOWN FOR THE LOADING OF THIS TRUSS.

ANY QUESTIONS PLEASE GIVE ME A CALL.

THANKS,

CHAD LITTLE

MAYO TRUSS CO., INC.

OK  
1C.  
#28719



# 28719

Engineers • Planners

128 SW Nassau St  
Lake City, FL 32025  
Phone 386-758-4209  
Fax 386-758-4290

4/21/2011

Columbia County Building and Zoning

To Whom It May Concern:

RE: Tom Glenn Residence, 654 SW Timuqua Terrace, Fort White

An on site inspection was conducted and my findings are as follows:

The original plans call for TJI rafters and a double 1.75" x 11.875" ridge beam with 4 simple spans of approximately 8'-0". The as-built conditions have 1.75" x 11.25" rafters @ 24" o.c. with a double 1.75" x 24" LVL ridge beam with 2 simple spans of approximately 16'-0". After verifying the footing sizes and loads on the structure, the as-built conditions are adequate to support the given spans. The balcony shall remain as constructed with the 2 intermediate support posts. The perimeter ridge beam on the balcony shall be permitted to be a single 1.75" x 11.875" LVL. Support columns shall be either a 4x6 or multi-stud column, nailed per "Girder Column Detail" on sheet S-3 of the permitted plans. The connections between the ridge beam and rafters have been constructed to meet my requirements, as well as the connection between the collar ties and the rafters. If you have any questions, please call me at (386) 758-4209.

Sincerely,



William Freeman, P.E.

PE# 56001

CA# 8701

