

DATE 07/02/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027137

APPLICANT KEVIN BEDENBAUGH PHONE 386.792.4061  
ADDRESS 232 NW CHADLEY LN LAKE CITY FL 32055  
OWNER PAUL & ALLISON DYAL PHONE 386.365.0704  
ADDRESS 336 SW PAUL ALLISON COURT LAKE CITY FL 32024  
CONTRACTOR KEVIN BEDENBAUGH PHONE 386.792.4061  
LOCATION OF PROPERTY 90-W TO SR. 247-S, TL TO MILL LANE, TR TO PAUL ALLISON, TR  
2ND DRIVE ON L.  
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 128550.00  
HEATED FLOOR AREA 1648.00 TOTAL AREA 2571.00 HEIGHT 18.00 STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC  
LAND USE & ZONING A-3 MAX. HEIGHT 35  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 36-4S-15-00414-101 SUBDIVISION  
LOT BLOCK PHASE UNIT TOTAL ACRES 15.00

RB0066597  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING 08-0395 BLK RTJ N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: M/H TO BE REMOVED 45 DAYS AFTER CO ISSUANCE TO AVOID IMPACT FEES.

AWAITS IMPACT FEE AFFADVIT. 1 FOOT ABOVE EASEMENT. NOC ON FILE.

Check # or Cash 3486

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 645.00 CERTIFICATION FEE \$ 12.86 SURCHARGE FEE \$ 12.86  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 745.72  
INSPECTORS OFFICE CLERKS OFFICE

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

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

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

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

LN: DO WE NEED IMPACT AFFIDAVIT NEEDED - ? YES

Columbia County Building Permit Application

For Office Use Only Application # 0806-36 Date Received 6/20/08 By LH Permit # 27137  
Zoning Official DLK Date 25.06.08 Flood Zone X Land Use A-3 Zoning A-3  
FEMA Map # N/A Elevation N/A MFE 1st above easement River N/A Plans Examiner PL Date 7/2/08  
Comments MH to be removed 45 day after issue of C.O. to avoid Impact Fees  
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #  
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter  
IMPACT FEES: EMS \_\_\_\_\_ Fire \_\_\_\_\_ Corr \_\_\_\_\_ Road/Code \_\_\_\_\_  
School \_\_\_\_\_ = TOTAL EXEMPT Replacing Existing Dwelling

Septic Permit No. 08-0395 Fax 386-755-2422  
Name Authorized Person Signing Permit KEVIN BEDENBAUGH Phone 386-792-4061  
Address 232 NW Chadley Ln Lake City, FL 32055  
Owners Name Paul & Allison Dyal Phone 386-365-0704  
911 Address 336 SW PAUL ALLISON CT. Lake city, FL 32024  
Contractors Name Plumb level construction Phone 386-792-4061  
Address 232 NW Chadley Ln. Lake city, FL 32055

Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_

Architect/Engineer Name & Address Coastal Resources Engineering P.O. Box 1034 Perry, FL 32348  
Mortgage Lenders Name & Address MERCANTILE BANK, Macclenny, FL

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

Property ID Number 36-45-15-00414-101-HX Estimated Cost of Construction 145,000

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions US 90 TO Branford Hwy, Go fast CR 242 about 4 miles  
Mill Lane will be on (R) Go to Second Dist Rd on (R) Paul Allison Ct.  
Second Drive on (L) Number of Existing Dwellings on Property 1 to be removed

Construction of Single Family Residence Total Acreage 15 Lot Size \_\_\_\_\_  
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 10'  
Actual Distance of Structure from Property Lines - Front 318 Side 205 Side 209 Rear 297  
Number of Stories 1 Heated Floor Area 1648 Total Floor Area 2571 Roof Pitch 6/12

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.

**Columbia County Building Permit Application**

**TIME LIMITATIONS 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.

**FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment**

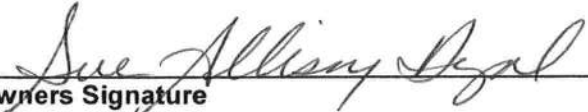
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

**NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:**

**YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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 WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

**OWNERS CERTIFICATION:** I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

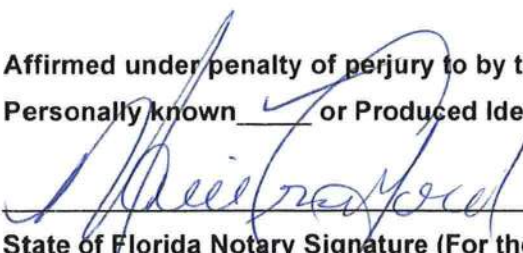
  
Owners Signature

**CONTRACTORS AFFIDAVIT:** By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

  
Contractor's Signature (Permittee)

Contractor's License Number R30066597  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 20<sup>th</sup> day of June 2008.  
Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

  
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA  
 Marie Crawford  
Commission # DD533398  
Expires: MAR. 26, 2010  
Bonded Thru Atlantic Bonding Co., Inc.



FOUNDED 1949

CORPORATE HEADQUARTERS:

P.O. BOX 5369  
116 N.W. 16TH AVENUE  
GAINESVILLE, FL 32602-5369

(352) 376-2661  
FAX (352) 376-2791

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

*Complete Pest Control Service  
Member Florida & National Pest Control Associations*

PAUL DYAL

Reply to: 536 SE Baya Dr  
Lake City, FL 32025  
Phone (386) 752-1703 Fax (386) 752-0171

# TERMITE TREATMENT CERTIFICATION

|                                                                                       |                                                  |
|---------------------------------------------------------------------------------------|--------------------------------------------------|
| Owner:<br><b>PAUL DYAL</b>                                                            | Permit Number:<br><b>27137</b>                   |
| Lot:                                                                                  | Block:                                           |
| Subdivision:                                                                          | Street Address:<br><b>336 SW PAUL ALLISON CT</b> |
| City:<br><b>Lake City</b>                                                             | County:<br><b>Columbia</b>                       |
| General Contractor:<br><b>PLUMB LEVEL CONSTRUCTION</b>                                | Area Treated:                                    |
| Date:<br><b>01/27/2009</b>                                                            | Time:<br><b>9:00 AM</b>                          |
| Name of applicator:<br><b>CHRISTOPHER MCKEE</b>                                       | Applicator ID Number:<br><b>JE163410</b>         |
| Product Used: Active Ingredient: % Concentration<br><b>Premise: Imidacloprid 0.1%</b> | Number of gallons used:                          |
| Method of termite prevention treatment: <b>Soil Treatment</b>                         |                                                  |

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

**This form is proof of complete treatment for Certificate of Occupancy or Closing.**

## THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

|                                                                                                              |                         |
|--------------------------------------------------------------------------------------------------------------|-------------------------|
| Authorized Signature:<br> | Date:<br><b>1-30-09</b> |
|--------------------------------------------------------------------------------------------------------------|-------------------------|

### BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •

**PLUMB  
LEVEL  
CONSTRUCTION**

232 NW CHADLEY LANE  
LAKE CITY, FL 32055  
(386) 792-4061 OR (386) 365-5264  
FAX (386) 755-2422

[PLUMBLEVELCONSTRUCTION@GMAIL.COM](mailto:PLUMBLEVELCONSTRUCTION@GMAIL.COM)

27137

January 29, 2009

To Whom It May Concern:

On permit #27137 / Dyal residence, the owners have decided to change small bedroom in the front left of the home from a bedroom to an office/study. If you have any questions please contact Kevin Bedenbaugh at (386) 792-4061.

Sincerely,

*Kevin Bedenbaugh*

Kevin Bedenbaugh

Contractor

Owner's signatures

*Sue Allison Dyal*

Sue Allison Dyal

*Paul Dyal*

Paul Dyal

STATE OF FLORIDA

COUNTY OF COLUMBIA

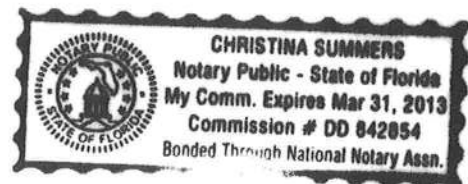
Sworn to me and subscribed before me this 11 day of February, 2009, by Sue & Paul Dyal (your name)

*Christina Summers*

Name of Notary

Personally known ☒ or producing identification \_\_\_\_.

Type of identification produced \_\_\_\_\_.



LIC BUILDING CONTRACTOR  
RB 0066597

LIC ROOFING CONTRACTOR  
RC 0067079

GENERAL CONTRACTOR  
CGC1516042

## Project Information

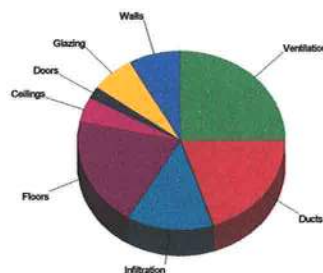
For: Dyal  
 ], Columbia county, FL

## Design Conditions

|                     |      |                             |                |                |                |
|---------------------|------|-----------------------------|----------------|----------------|----------------|
| <b>Location:</b>    |      | <b>Indoor:</b>              |                | <b>Heating</b> | <b>Cooling</b> |
| Gainesville, FL, US |      | Indoor temperature (°F)     |                | 70             | 75             |
| Elevation: 151 ft   |      | Design TD (°F)              |                | 37             | 17             |
| Latitude: 30°N      |      | Relative humidity (%)       |                | 30             | 50             |
|                     |      | Moisture difference (gr/lb) |                | 10.6           | 52.0           |
| <b>Outdoor:</b>     |      | <b>Heating</b>              | <b>Cooling</b> |                |                |
| Dry bulb (°F)       | 33   | 92                          |                |                |                |
| Daily range (°F)    | -    | 19 ( M )                    |                |                |                |
| Wet bulb (°F)       | -    | 77                          |                |                |                |
| Wind speed (mph)    | 15.0 | 7.5                         |                |                |                |
|                     |      | <b>Infiltration:</b>        |                |                |                |
|                     |      | Method                      | Simplified     |                |                |
|                     |      | Construction quality        | Average        |                |                |
|                     |      | Fireplaces                  | 1 (Average)    |                |                |

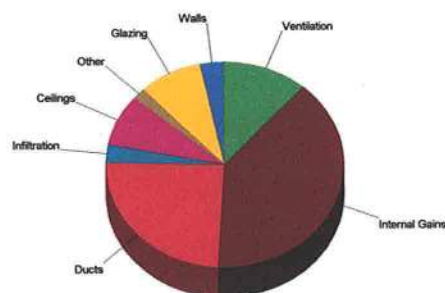
## Heating

| Component      | Btuh/ft² | Btuh         | % of load    |
|----------------|----------|--------------|--------------|
| Walls          | 2.6      | 3458         | 8.0          |
| Glazing        | 22.4     | 3020         | 7.0          |
| Doors          | 14.4     | 909          | 2.1          |
| Ceilings       | 1.2      | 1980         | 4.6          |
| Floors         | 5.2      | 8617         | 19.9         |
| Infiltration   | 3.8      | 5836         | 13.5         |
| Ducts          |          | 8649         | 20.0         |
| Piping         |          | 0            | 0.0          |
| Humidification |          | 0            | 0.0          |
| Ventilation    |          | 10845        | 25.0         |
| Adjustments    |          | 0            | 0.0          |
| <b>Total</b>   |          | <b>43314</b> | <b>100.0</b> |



## Cooling

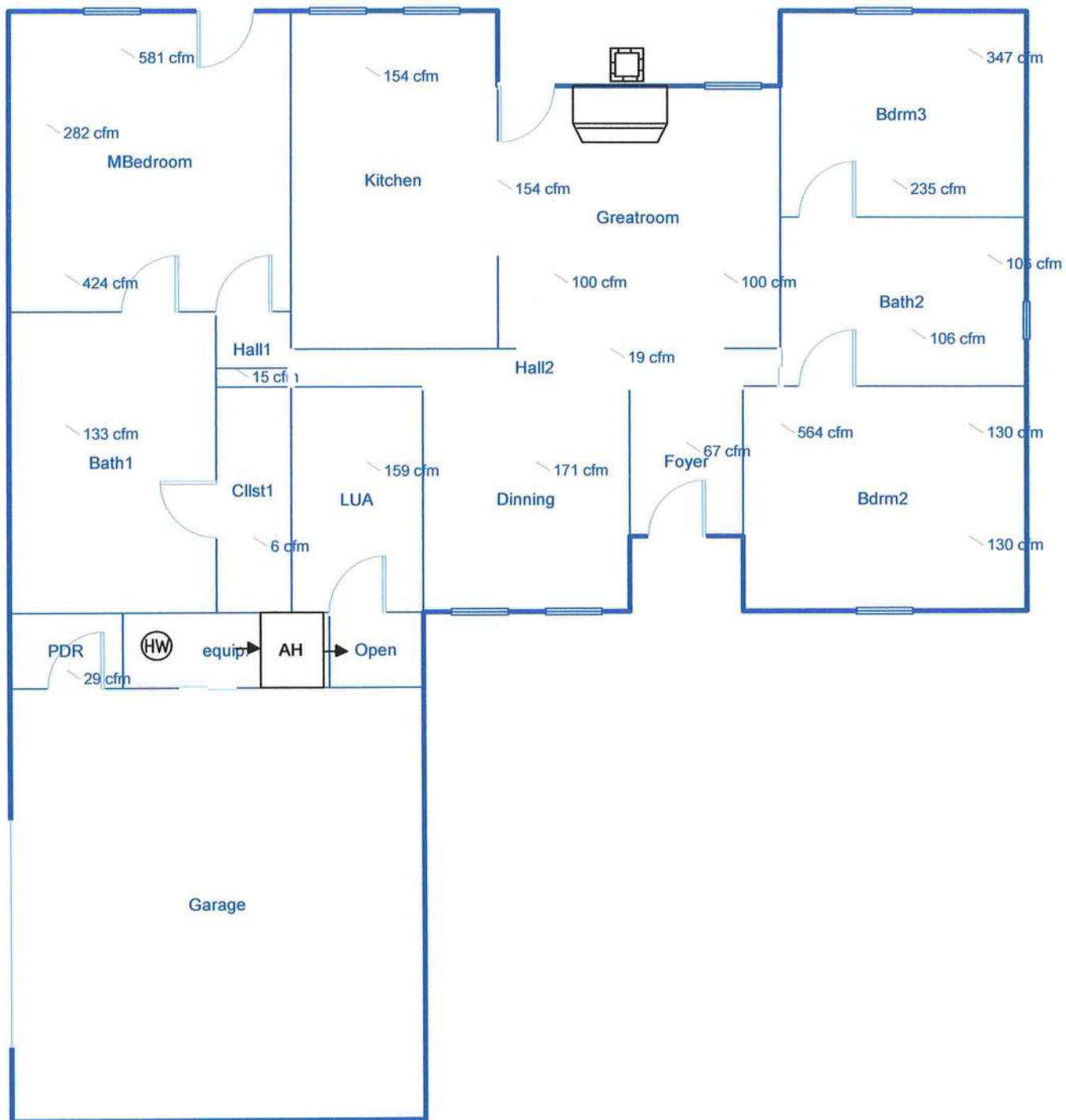
| Component      | Btuh/ft² | Btuh         | % of load    |
|----------------|----------|--------------|--------------|
| Walls          | 1.0      | 1382         | 3.2          |
| Glazing        | 28.1     | 3796         | 8.7          |
| Doors          | 11.4     | 716          | 1.6          |
| Ceilings       | 2.1      | 3576         | 8.2          |
| Floors         | 0.0      | 35           | 0.1          |
| Infiltration   | 0.8      | 1178         | 2.7          |
| Ducts          |          | 10691        | 24.6         |
| Ventilation    |          | 4983         | 11.5         |
| Internal gains |          | 17110        | 39.4         |
| Blower         |          | 0            | 0.0          |
| Adjustments    |          | 0            | 0.0          |
| <b>Total</b>   |          | <b>43467</b> | <b>100.0</b> |



Overall U-value = 0.100 Btuh/ft²-°F

Data entries checked.

# Sheet 1



**Job #: Dyal**  
**Performed by John Comly for:**  
 Dyal  
 Columbia county, FL

**High Springs Contruction**  
 High Springs, FI

**Scale: 1 : 97**  
 Page 1  
 Right-Suite Residential  
 6.0.105 RSR31769  
 2008-Jun-18 17:54:39  
 C:\My Documents\Wrightsoft HVAC\ID...

# Duct System Summary

## Entire House

### High Springs Contruction

Job: Dyal  
 Date: Jun 17, 2008  
 By: John Comly

### Project Information

For: Dyal  
 ], Columbia county, FL

|                                    | Heating            | Cooling            |
|------------------------------------|--------------------|--------------------|
| External static pressure           | 0.00 in H2O        | 0.00 in H2O        |
| Pressure losses                    | 0.00 in H2O        | 0.00 in H2O        |
| Available static pressure          | 0.00 in H2O        | 0.00 in H2O        |
| Supply / return available pressure | 0.00 / 0.00 in H2O | 0.00 / 0.00 in H2O |
| Lowest friction rate               | 0.000 in/100ft     | 0.000 in/100ft     |
| Actual air flow                    | 1615 cfm           | 1615 cfm           |
| Total effective length (TEL)       | 0 ft               |                    |

### Supply Branch Detail Table

| Name        | Design<br>(Btuh) | Htg<br>(cfm) | Clg<br>(cfm) | Design<br>FR | Diam<br>(in) | H x W<br>(in) | Duct<br>Matl | Actual<br>Ln (ft) | Ftg.Eqv<br>Ln (ft) | Trunk |
|-------------|------------------|--------------|--------------|--------------|--------------|---------------|--------------|-------------------|--------------------|-------|
| MBedroom    | h 2994           | 282          | 126          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bath1       | c 3160           | 130          | 133          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Kitchen-A   | c 3668           | 55           | 154          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Kitchen-B   | c 3668           | 55           | 154          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Kitchen     | c 3669           | 55           | 154          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Greatroom-A | c 2387           | 84           | 100          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Greatroom   | c 2387           | 84           | 100          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bdrm3       | h 2012           | 235          | 84           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bath2-A     | c 2523           | 43           | 106          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bath2       | c 2523           | 43           | 106          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bdrm2       | h 999            | 130          | 42           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Bdrm2-A     | h 999            | 130          | 42           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Foyer       | h 863            | 67           | 36           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Dinning     | h 1771           | 171          | 74           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| LUA         | c 3780           | 7            | 159          | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Cl1st1      | h 140            | 6            | 6            | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Hall1       | c 357            | 2            | 15           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| Hall2       | c 454            | 6            | 19           | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |
| PDR         | h 130            | 29           | 5            | 0.000        | 0.0          | 0x0           | ShMt         | 0.0               | 0.0                |       |

## Return Branch Detail Table

| Name | Grill<br>Size (in) | Htg<br>(cfm) | Clg<br>(cfm) | TEL<br>(ft) | Design<br>FR | Veloc<br>(fpm) | Diam<br>(in) | H x W<br>(in) | Stud/Joist<br>Opening (in) | Duct<br>Matl | Trunk |
|------|--------------------|--------------|--------------|-------------|--------------|----------------|--------------|---------------|----------------------------|--------------|-------|
| rb3  | 0x0                | 347          | 296          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb1  | 0x0                | 524          | 581          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb2  | 0x0                | 181          | 424          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb4  | 0x0                | 564          | 314          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |

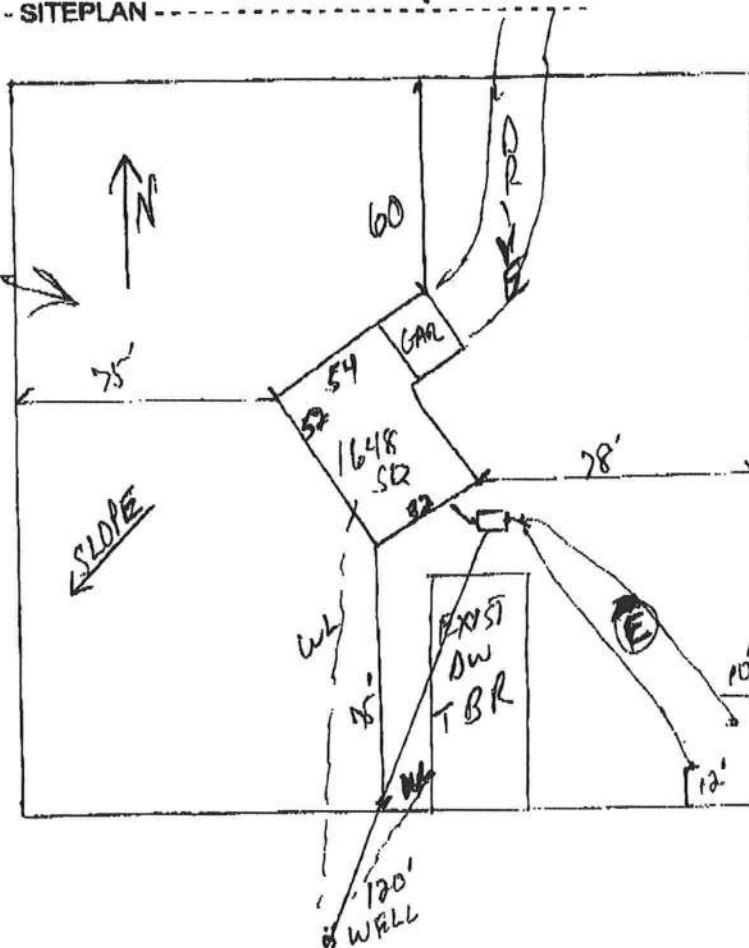
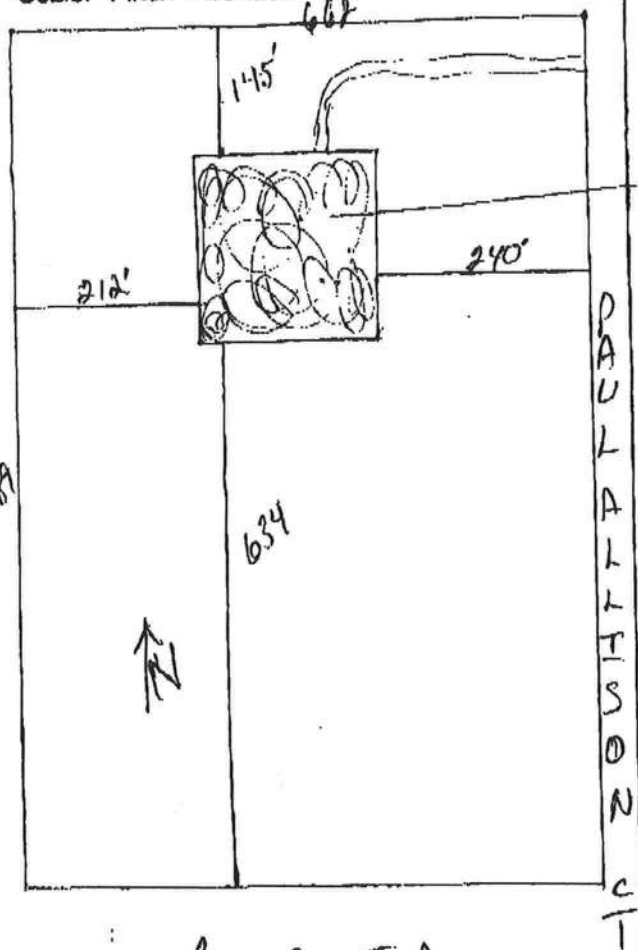
**STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT**

Permit Application Number 08-0325

Paul Dylon

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes:

1 of 15 Acres

TBR = TO BE REMOVED

Site Plan submitted by: Rock 77-0

Plan Approved APPROVED

By APPROVED

Not Approved

MASTER CONTRACTOR

Date 6/3/8

**Columbia CHD**

County Health Department

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**

# NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 36-45-15-00414-101-HX

I/HE 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): 36-45-15-00414-101-HX  
a) Street (job) Address: 336 SW PAUL ALLISON CT. LAKE CITY, FL 32024
2. General description of improvements: Single Family Residence
3. Owner Information  
a) Name and address: Paul & Allison Dial  
b) Name and address of fee simple titleholder (if other than owner) \_\_\_\_\_  
c) Interest in property: Full
4. Contractor Information  
a) Name and address: Plumb Level Construction Company, LLC  
b) Telephone No.: 386-792-4061 Fax No. (Opt.): 386-255-2422
5. Surety Information  
a) Name and address: \_\_\_\_\_  
b) Amount of Bond: \_\_\_\_\_  
c) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_
6. Lender  
a) Name and address: MERCANTILE BANK MACLENN, TX  
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(l)(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. Kevin Bedenbaugh  
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 20<sup>th</sup> day of June, 2008, by:  
Kevin Bedenbaugh as Contractor (type of authority, e.g. officer, trustee, attorney  
fact) for Plumb Level Construction Company, LLC (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification ☐ Type \_\_\_\_\_

Notary Signature [Signature] Notary Stamp or Seal:

NOTARY PUBLIC-STATE OF FLORIDA  
 Marie Crawford  
Commission # DD533398  
Expires: MAR. 26, 2010  
Bonded Thru Atlantic Bonding Co., Inc.

---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 of Natural Person Signing (in line #10 above.)

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

00774 00932

RETURN TO:

OFFICIAL RECORDS

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

Grantee #1 S.S. No. 267-45-1144

Grantee #2 S.S. No. 266-35-6038

Property Appraiser's  
Parcel Identification No.  
36-4S-15-00415-000

DOCUMENTARY STAMP \$177.50  
INTANGIBLE TAX  
P. DEWITT CASON, CLERK OF  
COURTS, COLUMBIA COUNTY  
BY *[Signature]*

### WARRANTY DEED

THIS INDENTURE, made this 28th day of April, 1993, BETWEEN O. P. DAUGHTRY, JR. and O. P. DAUGHTRY, III, post office address is Route 13, Box 1054, Lake City, Florida 32055 of the County of Columbia, State of Florida, grantor\*, and PAUL GEORGE DYAL and his wife, SUE ALLISON DYAL, whose post office address is Post Office Box 144, Olustee, Florida 32072 of the County of Baker, State of Florida, grantee\*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

#### TOWNSHIP 4 SOUTH - RANGE 15 EAST

SECTION 36: The Northwest 1/4 of the Southwest 1/4 of the Southeast 1/4.

Grantor reserves an easement for ingress and egress across the East 30.00 feet thereof which may be assigned to third parties.

SUBJECT TO: Powerline easements across the North 10.00 feet thereof, the South 10.00 feet thereof and the West 15.00 feet of the East 45.00 feet thereof.

TOGETHER WITH a non-exclusive perpetual easement for ingress and egress over and across the following described property:

An easement 60.00 feet in width for the purpose of ingress and egress lying 30.00 feet each side of and adjacent to the following described line:

The East line of the West 1/2 of the West 1/2 of the Southeast 1/4 (being also the West line of the East 1/2 of the West 1/2 of the Southeast 1/4.

SUBJECT TO: Mortgage recorded in Official Records Book 768, Page 953 of the public records of Columbia County, Florida, which Grantor shall pay.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

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

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

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

Signed, sealed and delivered  
in our presence:

[Signature]  
(First Witness)  
Printed Name

[Signature]  
(Second Witness)  
Printed Name

[Signature] (SEAL)  
Grantor

O. P. Daughtry, III  
Printed Name  
[Signature] (SEAL)  
Grantor O. P. Daughtry, Jr.

by O. P. Daughtry, III, his  
attorney in fact  
Printed Name

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this day of April, 1993, by O. P. DAUGHTRY, III, individually and as attorney in fact for O. P. DAUGHTRY, JR., who is personally known to me or who has produced as identification and who did not take an oath.

My Commission Expires:

[Signature]  
Notary Public  
Printed, typed, or stamped name:

ANCHOR L. CLAWER  
Notary Public, State of Florida  
My Comm. Exp. Date 1. 1995  
Comm. No. 14811

13-05030

FILED  
RECORDED  
1993 MAY -7 PM 2 20  
COLUMBIA COUNTY FLORIDA

13-0774 1993033

OFFICIAL RECORDS

**A & B Well Drilling, Inc.**  
**5673 NW Lake Jeffery Road**  
**Lake City, FL, 32055**  
**386-758-3409**

6/18/2008

To: Columbia County Building Department

Description of well to be installed for Customer:

Located at Address: Paul Lynch  
3316 S.W. Paul Olinich Rd.  
Lake City, FL 32024

1 hp 20 gpm- 1 1/4" drop over 82 gallon equivalent captive tank with cycle stop and  
back flow prevention. With SRWM permit.

William Bias  
William Bias



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

Reference to a building permit application Number: **0806-36**

Applicant: Kevin Bedenbaugh  
Owner: Paul & Allison Dyal  
Contractor: Stanley Plumb Level Construction  
Property Identification # 36-4s-15-00414-101

On the date of June 23, 2008 building permit application number 0806-36 and the submitted plans for constructing R-3 single family dwelling were reviewed. The following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

On the Columbia County Building Department Residential Check List, the following required information is needed. Line # 22,24,30,32,49,50,55,79,80,87,88 &89

**Please include application number 0806-36 and when making reference to this application.**

Thank You:

# Load Short Form

## Entire House

### High Springs Contruction

Job: Dyal  
 Date: Jun 17, 2008  
 By: John Comly

### Project Information

For: Dyal  
 ], Columbia county, FL

### Design Information

|                             | Htg | Clg | Infiltration         |             |
|-----------------------------|-----|-----|----------------------|-------------|
| Outside db (°F)             | 33  | 92  | Method               | Simplified  |
| Inside db (°F)              | 70  | 75  | Construction quality | Average     |
| Design TD (°F)              | 37  | 17  | Fireplaces           | 1 (Average) |
| Daily range                 | -   | M   |                      |             |
| Inside humidity (%)         | 30  | 50  |                      |             |
| Moisture difference (gr/lb) | 11  | 52  |                      |             |

#### HEATING EQUIPMENT

Make Trane  
 Trade XR13  
 Model 2TwR3042A1000A

Efficiency 8.5 HSPF  
 Heating input  
 Heating output 0 Btuh @ 47°F  
 Temperature rise 0 °F  
 Actual air flow 1615 cfm  
 Air flow factor 0.050 cfm/Btuh  
 Static pressure 0.00 in H2O  
 Space thermostat

#### COOLING EQUIPMENT

Make Trane  
 Trade XR13  
 Cond 2TwR3042A1000A  
 Coil TEC3F421000A

Efficiency 13 EER  
 Sensible cooling 0 Btuh  
 Latent cooling 0 Btuh  
 Total cooling 0 Btuh  
 Actual air flow 1615 cfm  
 Air flow factor 0.042 cfm/Btuh  
 Static pressure 0.00 in H2O  
 Load sensible heat ratio 0.71

| ROOM NAME | Area (ft²) | Htg load (Btuh) | Clg load (Btuh) | Htg AVF (cfm) | Clg AVF (cfm) |
|-----------|------------|-----------------|-----------------|---------------|---------------|
| MBedroom  | 240        | 5668            | 2994            | 282           | 126           |
| Bath1     | 176        | 2614            | 3160            | 130           | 133           |
| Kitchen   | 198        | 3309            | 11006           | 165           | 462           |
| Greatroom | 210        | 3375            | 4774            | 168           | 200           |
| Bdrm3     | 143        | 4734            | 2012            | 235           | 84            |
| Bath2     | 117        | 1738            | 5047            | 86            | 212           |
| Bdrm2     | 180        | 5230            | 1997            | 260           | 84            |
| Foyer     | 48         | 1344            | 863             | 67            | 36            |
| Dinning   | 132        | 3438            | 1771            | 171           | 74            |
| LUA       | 84         | 136             | 3780            | 7             | 159           |
| Clst1     | 52         | 128             | 140             | 6             | 6             |
| Hall1     | 16         | 40              | 357             | 2             | 15            |
| Hall2     | 52         | 128             | 454             | 6             | 19            |
| PDR       | 24         | 587             | 130             | 29            | 5             |

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

|                   |      |       |       |      |      |
|-------------------|------|-------|-------|------|------|
| Entire House      | 1672 | 32469 | 38484 | 1615 | 1615 |
| Other equip loads |      | 10845 | 4983  |      |      |
| Equip. @ 0.97 RSM |      |       | 42163 |      |      |
| Latent cooling    |      |       | 17491 |      |      |
| TOTALS            | 1672 | 43314 | 59653 | 1615 | 1615 |

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

## Project Information

For: Dyal  
 ], Columbia county, FL

Notes: Split Heat-Pump 13SEER

## Design Information

Weather: Gainesville, FL, US

### Winter Design Conditions

|            |       |
|------------|-------|
| Outside db | 33 °F |
| Inside db  | 70 °F |
| Design TD  | 37 °F |

### Summer Design Conditions

|                     |          |
|---------------------|----------|
| Outside db          | 92 °F    |
| Inside db           | 75 °F    |
| Design TD           | 17 °F    |
| Daily range         | M        |
| Relative humidity   | 50 %     |
| Moisture difference | 52 gr/lb |

### Heating Summary

|                        |            |
|------------------------|------------|
| Structure              | 23820 Btuh |
| Ducts                  | 8649 Btuh  |
| Central vent (268 cfm) | 10845 Btuh |
| Humidification         | 0 Btuh     |
| Piping                 | 0 Btuh     |
| Equipment load         | 43314 Btuh |

### Sensible Cooling Equipment Load Sizing

|                         |            |
|-------------------------|------------|
| Structure               | 27793 Btuh |
| Ducts                   | 10691 Btuh |
| Central vent (268 cfm)  | 4983 Btuh  |
| Blower                  | 0 Btuh     |
| Use manufacturer's data | n          |
| Rate/swing multiplier   | 0.97       |
| Equipment sensible load | 42163 Btuh |

### Infiltration

|                      |                |                |
|----------------------|----------------|----------------|
| Method               | Simplified     |                |
| Construction quality | Average        |                |
| Fireplaces           | 1 (Average)    |                |
|                      | <b>Heating</b> | <b>Cooling</b> |
| Area (ft²)           | 1672           | 1672           |
| Volume (ft³)         | 15204          | 15204          |
| Air changes/hour     | 0.57           | 0.25           |
| Equiv. AVF (cfm)     | 144            | 63             |

### Latent Cooling Equipment Load Sizing

|                                 |            |
|---------------------------------|------------|
| Structure                       | 5627 Btuh  |
| Ducts                           | 2444 Btuh  |
| Central vent (268 cfm)          | 9419 Btuh  |
| Equipment latent load           | 17491 Btuh |
| Equipment total load            | 59653 Btuh |
| Req. total capacity at 0.70 SHR | 5.0 ton    |

### Heating Equipment Summary

|                  |                |
|------------------|----------------|
| Make             | Trane          |
| Trade            | XR13           |
| Model            | 2TwR3042A1000A |
| Efficiency       | 8.5 HSPF       |
| Heating input    |                |
| Heating output   | 0 Btuh @ 47°F  |
| Temperature rise | 0 °F           |
| Actual air flow  | 1615 cfm       |
| Air flow factor  | 0.050 cfm/Btuh |
| Static pressure  | 0.00 in H2O    |
| Space thermostat |                |

### Cooling Equipment Summary

|                          |                |
|--------------------------|----------------|
| Make                     | Trane          |
| Trade                    | XR13           |
| Cond                     | 2TwR3042A1000A |
| Coil                     | TEC3F421000A   |
| Efficiency               | 0 EER          |
| Sensible cooling         | 0 Btuh         |
| Latent cooling           | 0 Btuh         |
| Total cooling            | 0 Btuh         |
| Actual air flow          | 1615 cfm       |
| Air flow factor          | 0.042 cfm/Btuh |
| Static pressure          | 0.00 in H2O    |
| Load sensible heat ratio | 0.71           |

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



# Radiant Heating Tubing Requirements

Job: Dyal  
Date: Jun 17, 2008  
By: John Comly

High Springs Contruction

## Project Information

For: Dyal  
], Columbia county, FL

## Tubing Requirements



# Radiant Heating Design Summary

Job: Dyal  
Date: Jun 17, 2008  
By: John Comly

## High Springs Contruction

### Project Information

For: Dyal  
], Columbia county, FL

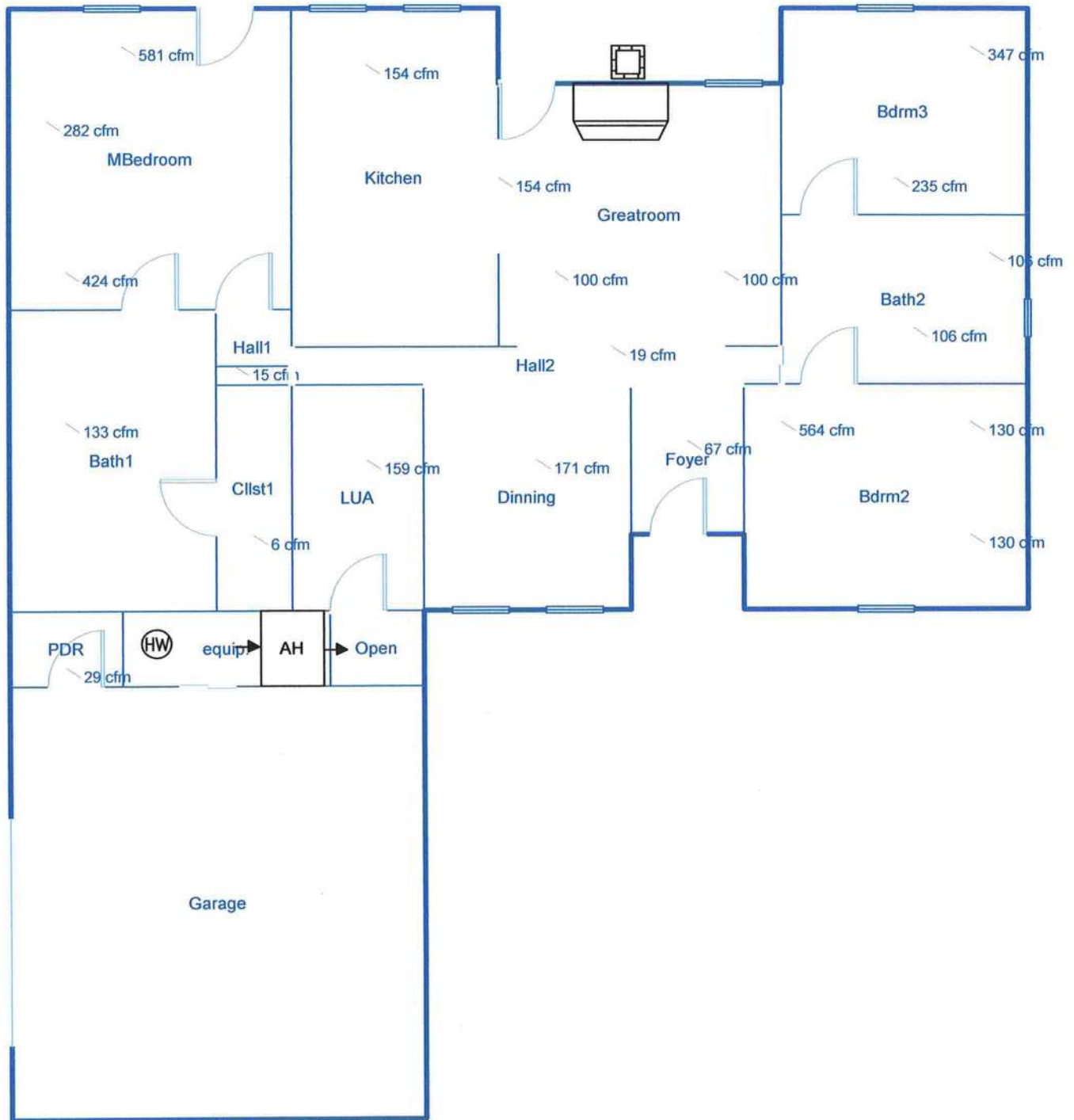
### Design Information

|                          |                      |                             |                          |
|--------------------------|----------------------|-----------------------------|--------------------------|
| Total floor area:        | 1672 ft <sup>2</sup> | Design temperature:         | 33 °F                    |
| Radiantly heated area:   | 0 ft <sup>2</sup>    | Maximum supply temperature: | 0 °F                     |
| Total panel area:        | 0 ft <sup>2</sup>    | Total flow rate:            | 0.00 gpm                 |
| Total tubing area:       | 0 ft <sup>2</sup>    | Maximum head loss:          | 0.00 ft H <sub>2</sub> O |
| Total room load:         | 23820 Btuh           | Total tubing required:      | 0 ft                     |
| Total panel output:      | 0 Btuh               | Number of loops:            | 0                        |
| Total supplemental heat: | 23820 Btuh           | Number of zones:            | 1                        |
| Total back loss:         | 0 Btuh               | Number of manifolds:        | 0                        |
| Boiler output required:  | 23820 Btuh           |                             |                          |

### Space Heating Information

| Room name | Room area (ft <sup>2</sup> ) | Air temp (°F) | Room load (Btuh) | Supp. heat (Btuh) | F/C | Panel area (ft <sup>2</sup> ) | Tubing area (ft <sup>2</sup> ) | Surf. temp. (°F) | Deliv. temp. (°F) | Panel output (Btuh /ft <sup>2</sup> ) | Back loss (Btuh /ft <sup>2</sup> ) |
|-----------|------------------------------|---------------|------------------|-------------------|-----|-------------------------------|--------------------------------|------------------|-------------------|---------------------------------------|------------------------------------|
| MBedroom  | 240                          | 70            | 4158             | 4158              |     |                               |                                |                  |                   |                                       |                                    |
| Bath1     | 176                          | 70            | 1918             | 1918              |     |                               |                                |                  |                   |                                       |                                    |
| Kitchen   | 198                          | 70            | 2428             | 2428              |     |                               |                                |                  |                   |                                       |                                    |
| Greatroom | 210                          | 70            | 2476             | 2476              |     |                               |                                |                  |                   |                                       |                                    |
| Bdrm3     | 143                          | 70            | 3473             | 3473              |     |                               |                                |                  |                   |                                       |                                    |
| Bath2     | 117                          | 70            | 1275             | 1275              |     |                               |                                |                  |                   |                                       |                                    |
| Bdrm2     | 180                          | 70            | 3837             | 3837              |     |                               |                                |                  |                   |                                       |                                    |
| Foyer     | 48                           | 70            | 986              | 986               |     |                               |                                |                  |                   |                                       |                                    |
| Dinning   | 132                          | 70            | 2522             | 2522              |     |                               |                                |                  |                   |                                       |                                    |
| LUA       | 84                           | 70            | 99               | 99                |     |                               |                                |                  |                   |                                       |                                    |
| Clst1     | 52                           | 70            | 94               | 94                |     |                               |                                |                  |                   |                                       |                                    |
| Hall1     | 16                           | 70            | 29               | 29                |     |                               |                                |                  |                   |                                       |                                    |
| Hall2     | 52                           | 70            | 94               | 94                |     |                               |                                |                  |                   |                                       |                                    |
| PDR       | 24                           | 70            | 431              | 431               |     |                               |                                |                  |                   |                                       |                                    |
| Totals    | 1672                         |               | 23820            | 23820             |     | 0                             | 0                              |                  |                   |                                       |                                    |

# Sheet 1



**Job #: Dyal**  
**Performed by John Comly for:**  
 Dyal  
 Columbia county, FL

**High Springs Contruction**  
 High Springs, Fl

**Scale: 1 : 97**  
 Page 1  
 Right-Suite Residential  
 6.0.105 RSR31769  
 2008-Jun-18 17:48:11  
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# Duct System Summary

## Entire House

### High Springs Contruction

Job: Dyal  
Date: Jun 17, 2008  
By: John Comly

### Project Information

For: Dyal  
], Columbia county, FL

|                                    | Heating            | Cooling            |
|------------------------------------|--------------------|--------------------|
| External static pressure           | 0.00 in H2O        | 0.00 in H2O        |
| Pressure losses                    | 0.00 in H2O        | 0.00 in H2O        |
| Available static pressure          | 0.00 in H2O        | 0.00 in H2O        |
| Supply / return available pressure | 0.00 / 0.00 in H2O | 0.00 / 0.00 in H2O |
| Lowest friction rate               | 0.000 in/100ft     | 0.000 in/100ft     |
| Actual air flow                    | 1615 cfm           | 1615 cfm           |
| Total effective length (TEL)       | 0 ft               |                    |

### Supply Branch Detail Table

| Name        | Design (Btuh) | Htg (cfm) | Clg (cfm) | Design FR | Diam (in) | H x W (in) | Duct Matl | Actual Ln (ft) | Ftg.Eqv Ln (ft) | Trunk |
|-------------|---------------|-----------|-----------|-----------|-----------|------------|-----------|----------------|-----------------|-------|
| MBedroom    | h 2994        | 282       | 126       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bath1       | c 3160        | 130       | 133       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Kitchen-A   | c 3668        | 55        | 154       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Kitchen-B   | c 3668        | 55        | 154       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Kitchen     | c 3669        | 55        | 154       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Greatroom-A | c 2387        | 84        | 100       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Greatroom   | c 2387        | 84        | 100       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bdrm3       | h 2012        | 235       | 84        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bath2-A     | c 2523        | 43        | 106       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bath2       | c 2523        | 43        | 106       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bdrm2       | h 999         | 130       | 42        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Bdrm2-A     | h 999         | 130       | 42        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Foyer       | h 863         | 67        | 36        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Dinning     | h 1771        | 171       | 74        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| LUA         | c 3780        | 7         | 159       | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Cl1st1      | h 140         | 6         | 6         | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Hall1       | c 357         | 2         | 15        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| Hall2       | c 454         | 6         | 19        | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |
| PDR         | h 130         | 29        | 5         | 0.000     | 0.0       | 0x0        | ShMt      | 0.0            | 0.0             |       |

## Return Branch Detail Table

| Name | Grill<br>Size (in) | Htg<br>(cfm) | Clg<br>(cfm) | TEL<br>(ft) | Design<br>FR | Veloc<br>(fpm) | Diam<br>(in) | H x W<br>(in) | Stud/Joist<br>Opening (in) | Duct<br>Matl | Trunk |
|------|--------------------|--------------|--------------|-------------|--------------|----------------|--------------|---------------|----------------------------|--------------|-------|
| rb3  | 0x0                | 347          | 296          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb1  | 0x0                | 524          | 581          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb2  | 0x0                | 181          | 424          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |
| rb4  | 0x0                | 564          | 314          | 0.0         | 0.000        | 0              | 0.0          | 0x 0          |                            | ShMt         |       |

**PRODUCT APPROVAL SPECIFICATION SHEET**Location: ColumbiaProject Name: Dynal

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

| Category/Subcategory         | Manufacturer            | Product Description              | Approval Number(s) |
|------------------------------|-------------------------|----------------------------------|--------------------|
| <b>A. EXTERIOR DOORS</b>     |                         |                                  |                    |
| 1. Swinging                  | Thermax                 | 1 1/2" STEEL/WOOD upto 6 FT OPEN | 01-0828, 08        |
| 2. Sliding                   |                         | INCLUDES SIDELITES               |                    |
| 3. Sectional                 |                         |                                  |                    |
| 4. Roll up                   |                         |                                  |                    |
| 5. Automatic                 |                         |                                  |                    |
| 6. Other                     |                         |                                  |                    |
| <b>B. WINDOWS SILVERLINE</b> | CAPITAL + BETTER BUILT. | SINGLE HUNG                      | AAMA CERT BB-1     |
| 1. Single hung               | MI Products             | 740, 165, 3240, 4250 Series      | 101/13.2.-97       |
| 2. Horizontal Slider         |                         |                                  | CTLA-744W-B        |
| 3. Casement                  |                         |                                  |                    |
| 4. Double Hung               |                         |                                  |                    |
| 5. Fixed                     |                         | 740 165 3240 4250 Series         | 01-35673.05        |
| 6. Awning                    |                         |                                  |                    |
| 7. Pass-through              |                         |                                  |                    |
| 8. Projected                 |                         |                                  |                    |
| 9. Mullion                   | MI Products             | 740, 165, 3240, 4250 Series      | 01-35673.05        |
| 10. Wind Breaker             |                         |                                  |                    |
| 11. Dual Action              |                         |                                  |                    |
| 12. Other                    |                         |                                  |                    |
| <b>C. PANEL WALL</b>         |                         |                                  |                    |
| 1. Siding (Slick Wall)       | NORBOARD                | 8'-9'x10' OSB WALL Sheeting      | NER 108            |
| 2. Soffits                   |                         | WIND STORM                       |                    |
| 3. EIFS                      |                         |                                  |                    |
| 4. Storefronts               |                         |                                  |                    |
| 5. Curtain walls             |                         |                                  |                    |
| 6. Wall louver               |                         |                                  |                    |
| 7. Glass block               |                         |                                  |                    |
| 8. Membrane                  | BARRICADE               | BUILDING WRAP FED SPEC.          | UUB790A            |
| 9. Greenhouse                |                         |                                  |                    |
| 10. Other                    |                         |                                  |                    |
| <b>D. ROOFING PRODUCTS</b>   |                         |                                  |                    |
| 1. Asphalt Shingles          |                         |                                  |                    |
| 2. Underlayments             | WOODLAND                | 15#, 30# FELT                    | ASTMD-4869         |
| 3. Roofing Fasteners         |                         |                                  |                    |
| 4. Non-structural Metal Rf   |                         |                                  |                    |
| 5. Built-Up Roofing          |                         |                                  |                    |
| 6. Modified Bitumen          |                         |                                  |                    |
| 7. Single Ply Roofing Sys    |                         |                                  |                    |
| 8. Roofing Tiles             |                         |                                  |                    |
| 9. Roofing Insulation        |                         |                                  |                    |
| 10. Waterproofing            |                         |                                  |                    |
| 11. Wood shingles /shakes    |                         |                                  |                    |
| 12. Roofing Slate            |                         |                                  |                    |

**COLUMBIA COUNTY BUILDING DEPARTMENT  
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST  
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006  
Supplements and One (1) and Two (2) Family Dwellings**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED 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 Residential Code (Florida Wind speed map) SHALL BE USED.**

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

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

**GENERAL REQUIREMENTS:**

- ✓ Two (2) complete sets of plans containing the following:
- ✓ All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
- ✓ Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- ✓ 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 per FBC 106.1.

**Site Plan information including:**

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

**Wind-load Engineering Summary, calculations and any details required:**

- ✓ Plans or specifications must meet state compliance with FRC Chapter 3
- ✓ The following information must be shown as per section FRC
- ✓ Basic wind speed (3-second gust), miles per hour
- ✓ Wind importance factor and nature of occupancy
- ✓ Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- ✓ The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m<sup>2</sup>), to be used for the design of exterior component and cladding materials not specifiably designed by the registered design professional.

**Elevations Drawing including:**

- ✓ All side views of the structure
- ✓ Roof pitch
- ✓ Overhang dimensions and detail with attic ventilation
- ✓ Location, size and height above roof of chimneys
- ✓ Location and size of skylights with Florida Product Approval
- ✓ Number of stories
- ✓ e) Building height from the established grade to the roof's highest peak

### **Floor Plan including:**

- Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- All exterior and interior shear walls indicated
- Shear wall opening shown (Windows, Doors and Garage doors)
- Emergency escape and rescue opening in each bedroom (net clear opening shown)
- Safety glazing of glass where needed
- Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- Plans must show and identify accessibility of bathroom (see FRC 322)

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

### **Foundation Plans Per FRC 403:**

- a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling.
- d) Assumed load-bearing value of soil \_\_\_\_\_ (psf)
- e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

### **CONCRETE SLAB ON GRADE Per FRC R506**

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

### **PROTECTION AGAINST TERMITES Per FRC 320:**

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

### **Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606**

- Show all materials making up walls, wall height, and Block size, mortar type
- 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**

- Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers
- Girder type, size and spacing to load bearing walls, stem wall and/or piers
- Attachment of joist to girder
- Wind load requirements where applicable
- Show required under-floor crawl space
- Show required amount of ventilation opening for under-floor spaces
- Show required covering of ventilation opening.
- Show the required access opening to access to under-floor spaces
- Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- Show Draft stopping, Fire caulking and Fire blocking
- Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- Provide live and dead load rating of floor framing systems (psf).

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

- ✓ Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- ✓ Fastener schedule for structural members per table R602.3 (1) are to be shown.
- ✓ 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
- ✓ 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.
- ✓ Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- ✓ Indicate where pressure treated wood will be placed.
- ✓ Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

## **ROOF SYSTEMS:**

- ✓ Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- ✓ Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- ✓ Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- ✓ Provide dead load rating of trusses

## **Conventional Roof Framing Layout Per FRC 802:**

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

## **ROOF SHEATHING FRC Table R602,3(2) FRC 803**

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

## **ROOF ASSEMBLIES FRC Chapter 9**

- ✓ Include all materials which will make up the roof assemblies covering; with Florida Product Approval numbers for each component of the roof assemblies covering.

## **FCB Chapter 13 Florida Energy Efficiency Code for Building Construction**

- ✓ Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- ✓ Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

## **HVAC information shown**

- ✓ Manual J sizing equipment or equivalent computation
- ✓ Exhaust fans locations in bathrooms

## **Plumbing Fixture layout shown**

- ✓ All fixtures waste water lines shall be shown on the foundation plan

## **Electrical layout shown including:**

- ✓ Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- ✓ Ceiling fans
- ✓ Smoke detectors
- ✓ Service panel, sub-panel, location(s) and total ampere ratings

- 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.
- Appliances and HVAC equipment and disconnects
- Arc Fault Circuits (AFCI) in bedrooms
- Notarized Disclosure Statement for Owner Builders
- Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

#### **Private Potable Water**

- Size of pump motor
- Size of pressure tank
- Cycle stop valve if used

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

- Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.
- Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
- Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
- City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
- Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.** A development permit will also be required. The permit cost is \$50.00.
- Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
- 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

## PRODUCT APPROVAL SPECIFICATION SHEET

**Location:** \_\_\_\_\_

**Project Name:** \_\_\_\_\_

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at [www.fdot.com/9b72.htm](http://www.fdot.com/9b72.htm)

| Category/Subcategory       | Manufacturer | Product Description | Approval Number(s) |
|----------------------------|--------------|---------------------|--------------------|
| <b>A. EXTERIOR DOORS</b>   |              |                     |                    |
| 1. Swinging                |              |                     |                    |
| 2. Sliding                 |              |                     |                    |
| 3. Sectional               |              |                     |                    |
| 4. Roll up                 |              |                     |                    |
| 5. Automatic               |              |                     |                    |
| 6. Other                   |              |                     |                    |
| <b>B. WINDOWS</b>          |              |                     |                    |
| 1. Single hung             |              |                     |                    |
| 2. Horizontal Slider       |              |                     |                    |
| 3. Casement                |              |                     |                    |
| 4. Double Hung             |              |                     |                    |
| 5. Fixed                   |              |                     |                    |
| 6. Awning                  |              |                     |                    |
| 7. Pass-through            |              |                     |                    |
| 8. Projected               |              |                     |                    |
| 9. Mullion                 |              |                     |                    |
| 10. Wind Breaker           |              |                     |                    |
| 11. Dual Action            |              |                     |                    |
| 12. Other                  |              |                     |                    |
| <b>C. PANEL WALL</b>       |              |                     |                    |
| 1. Siding                  |              |                     |                    |
| 2. Soffits                 |              |                     |                    |
| 3. EIFS                    |              |                     |                    |
| 4. Storefronts             |              |                     |                    |
| 5. Curtain walls           |              |                     |                    |
| 6. Wall louver             |              |                     |                    |
| 7. Glass block             |              |                     |                    |
| 8. Membrane                |              |                     |                    |
| 9. Greenhouse              |              |                     |                    |
| 10. Other                  |              |                     |                    |
| <b>D. ROOFING PRODUCTS</b> |              |                     |                    |
| 1. Asphalt Shingles        |              |                     |                    |
| 2. Underlayments           |              |                     |                    |
| 3. Roofing Fasteners       |              |                     |                    |
| 4. Non-structural Metal Rf |              |                     |                    |
| 5. Built-Up Roofing        |              |                     |                    |
| 6. Modified Bitumen        |              |                     |                    |
| 7. Single Ply Roofing Sys  |              |                     |                    |
| 8. Roofing Tiles           |              |                     |                    |
| 9. Roofing Insulation      |              |                     |                    |
| 10. Waterproofing          |              |                     |                    |
| 11. Wood shingles /shakes  |              |                     |                    |
| 12. Roofing Slate          |              |                     |                    |

| Category/Subcategory (cont.)             | Manufacturer | Product Description | Approval Number(s) |
|------------------------------------------|--------------|---------------------|--------------------|
| 13. Liquid Applied Roof Sys              |              |                     |                    |
| 14. Cements-Adhesives – Coatings         |              |                     |                    |
| 15. Roof Tile Adhesive                   |              |                     |                    |
| 16. Spray Applied Polyurethane Roof      |              |                     |                    |
| 17. Other                                |              |                     |                    |
| <b>E. SHUTTERS</b>                       |              |                     |                    |
| 1. Accordion                             |              |                     |                    |
| 2. Bahama                                |              |                     |                    |
| 3. Storm Panels                          |              |                     |                    |
| 4. Colonial                              |              |                     |                    |
| 5. Roll-up                               |              |                     |                    |
| 6. Equipment                             |              |                     |                    |
| 7. Others                                |              |                     |                    |
| <b>F. SKYLIGHTS</b>                      |              |                     |                    |
| 1. Skylight                              |              |                     |                    |
| 2. Other                                 |              |                     |                    |
| <b>G. STRUCTURAL COMPONENTS</b>          |              |                     |                    |
| 1. Wood connector/anchor                 |              |                     |                    |
| 2. Truss plates                          |              |                     |                    |
| 3. Engineered lumber                     |              |                     |                    |
| 4. Railing                               |              |                     |                    |
| 5. Coolers-freezers                      |              |                     |                    |
| 6. Concrete Admixtures                   |              |                     |                    |
| 7. Material                              |              |                     |                    |
| 8. Insulation Forms                      |              |                     |                    |
| 9. Plastics                              |              |                     |                    |
| 10. Deck-Roof                            |              |                     |                    |
| 11. Wall                                 |              |                     |                    |
| 12. Sheds                                |              |                     |                    |
| 13. Other                                |              |                     |                    |
| <b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b> |              |                     |                    |
| 1.                                       |              |                     |                    |
| 2.                                       |              |                     |                    |

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

I understand these products may have to be removed if approval cannot be demonstrated during inspection

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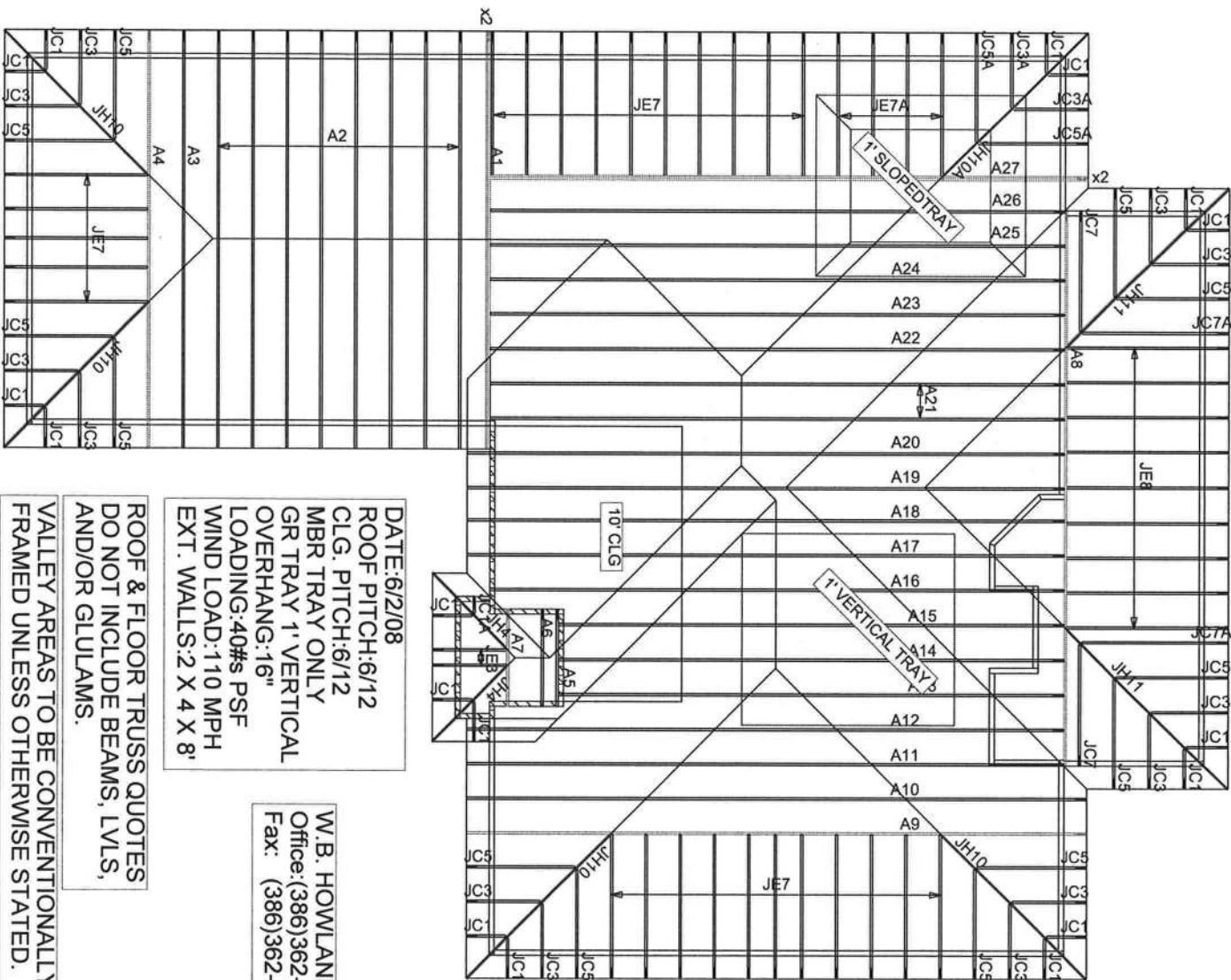
Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # (FOR STAFF USE ONLY)



DATE: 6/2/08  
 ROOF PITCH: 6/12  
 CLG. PITCH: 6/12  
 MBR TRAY ONLY  
 GR TRAY 1" VERTICAL  
 OVERHANG: 16"  
 LOADING: 40#s PSF  
 WIND LOAD: 110 MPH  
 EXT. WALLS: 2 X 4 X 8'

W.B. HOWLAND  
 Office: (386) 362-1235  
 Fax: (386) 362-7124

ROOF & FLOOR TRUSS QUOTES  
 DO NOT INCLUDE BEAMS, LVLS,  
 AND/OR GLULAMS.  
 VALLEY AREAS TO BE CONVENTIONALLY  
 FRAMED UNLESS OTHERWISE STATED.

IMPORTANT DESIGN NOTE:  
 (1) TRAY OVER MASTER  
 BEDROOM HAD TO BE  
 COFFERED TO GET  
 TRUSSES TO ENGINEER.



Job Name: Dyal Residence  
 Customer: Plumb Level Construction  
 Designer: Lynn Bell

JOB NO:

5500

PAGE NO:

1 OF 1

# ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844  
Florida Engineering Certificate of Authorization Number: 0 278  
Florida Certificate of Product Approval # FL1999  
Page 1 of 1 Document ID: ITI5215-Z0206151634

Truss Fabricator: W.B. Howland  
Job Identification: 5500-/Dyal Residence /Plumb Level Construction -- , FL  
Truss Count: 43  
Model Code: Florida Building Code 2004 and 2006 Supplement  
Truss Criteria: ANSI/TPI-2002(STD)/FBC  
Engineering Software: Alpine Software, Version 7.38.  
Structural Engineer of Record: The identity of the structural EOR did not exist as of  
Address: the seal date per section 61G15-31.003(5a) of the FAC  
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration  
Floor - N/A  
Wind - 110 MPH ASCE 7-02 -Closed

## Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: CNBRGBLK-

Seal Date: 06/06/2008

-Truss Design Engineer-  
James F. Collins Jr.

Florida License Number: 52212  
1950 Marley Drive  
Haines City, FL 33844



| #  | Ref         | Description | Drawing# | Date     |
|----|-------------|-------------|----------|----------|
| 1  | 10581--A1   |             | 08158020 | 06/06/08 |
| 2  | 10582--A2   |             | 08158008 | 06/06/08 |
| 3  | 10583--A3   |             | 08158009 | 06/06/08 |
| 4  | 10584--A4   |             | 08158021 | 06/06/08 |
| 5  | 10585--A5   |             | 08158010 | 06/06/08 |
| 6  | 10586--A6   |             | 08158022 | 06/06/08 |
| 7  | 10587--A7   |             | 08158023 | 06/06/08 |
| 8  | 10588--A8   |             | 08158024 | 06/06/08 |
| 9  | 10589--A9   |             | 08158025 | 06/06/08 |
| 10 | 10590--A10  |             | 08158011 | 06/06/08 |
| 11 | 10591--A11  |             | 08158026 | 06/06/08 |
| 12 | 10592--A12  |             | 08158027 | 06/06/08 |
| 13 | 10593--A13  |             | 08158028 | 06/06/08 |
| 14 | 10594--A14  |             | 08158029 | 06/06/08 |
| 15 | 10595--A15  |             | 08158030 | 06/06/08 |
| 16 | 10596--A16  |             | 08158031 | 06/06/08 |
| 17 | 10597--A17  |             | 08158032 | 06/06/08 |
| 18 | 10598--A18  |             | 08158033 | 06/06/08 |
| 19 | 10599--A19  |             | 08158012 | 06/06/08 |
| 20 | 10600--A20  |             | 08158013 | 06/06/08 |
| 21 | 10601--A21  |             | 08158034 | 06/06/08 |
| 22 | 10602--A22  |             | 08158035 | 06/06/08 |
| 23 | 10603--A23  |             | 08158036 | 06/06/08 |
| 24 | 10604--A24  |             | 08158037 | 06/06/08 |
| 25 | 10605--A25  |             | 08158038 | 06/06/08 |
| 26 | 10606--A26  |             | 08158039 | 06/06/08 |
| 27 | 10607--A27  |             | 08158040 | 06/06/08 |
| 28 | 10608--JC1  |             | 08158041 | 06/06/08 |
| 29 | 10609--JC3  |             | 08158014 | 06/06/08 |
| 30 | 10610--JC5  |             | 08158042 | 06/06/08 |
| 31 | 10611--JC7  |             | 08158043 | 06/06/08 |
| 32 | 10612--JC1A |             | 08158015 | 06/06/08 |
| 33 | 10613--JC3A |             | 08158016 | 06/06/08 |
| 34 | 10614--JC5A |             | 08158017 | 06/06/08 |
| 35 | 10615--JH10 |             | 08158044 | 06/06/08 |
| 36 | 10616--JH4  |             | 08158045 | 06/06/08 |

| #  | Ref          | Description | Drawing# | Date     |
|----|--------------|-------------|----------|----------|
| 37 | 10617--JH11  |             | 08158046 | 06/06/08 |
| 38 | 10618--JC7A  |             | 08158047 | 06/06/08 |
| 39 | 10619--JE3   |             | 08158048 | 06/06/08 |
| 40 | 10620--JE7   |             | 08158023 | 06/06/08 |
| 41 | 10621--JE8   |             | 08158018 | 06/06/08 |
| 42 | 10622--JE7A  |             | 08158019 | 06/06/08 |
| 43 | 10623--JH10A |             | 08158049 | 06/06/08 |



Top chord 2x4 SP #2 N  
Bot chord 2x6 SP #5  
Webs 2x4 SP #2 N  
:Lt Wedge 2x4 SP #2 N::Rt Wedge 2x4 SP #2 N:

SPECIAL LOADS  
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 62 PLF at -1.33 to 62 PLF at 10.75  
TC - From 62 PLF at 10.75 to 62 PLF at 22.83  
BC - From 20 PLF at 0.00 to 20 PLF at 21.50  
BC - 1842 LB Conc. Load at 7.13  
BC - 1362 LB Conc. Load at 9.06, 11.06  
BC - 1360 LB Conc. Load at 13.06, 15.06, 17.06, 19.06, 21.06

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

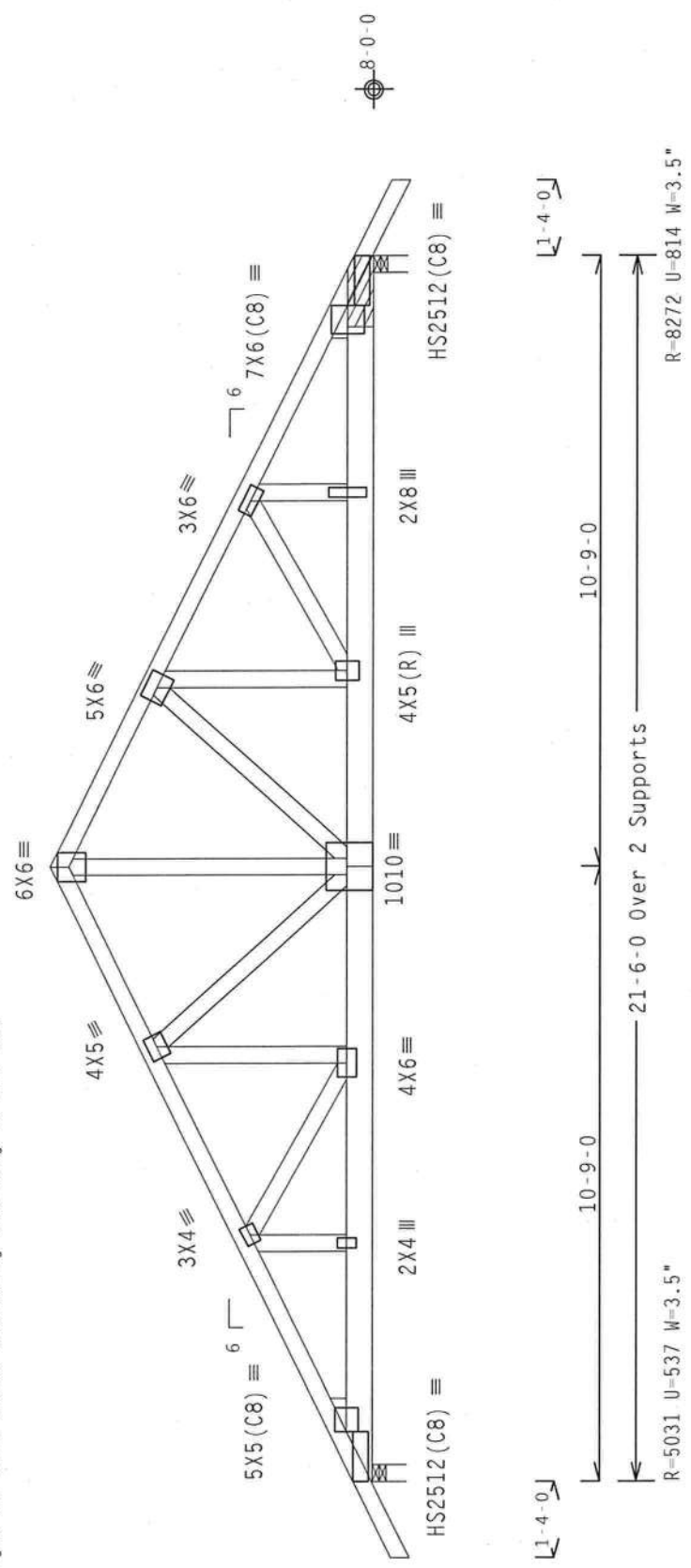
The overall height of this truss excluding overhang is 5-8-11.

## 2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun\_nails)  
Top Chord: 1 Row @12.00" O.C.  
Bot Chord: 2 Rows @6.00" O.C. (Each Row)  
Webs : 1 Row @ 4" O.C.  
Use equal spacing between rows and stagger nails in each row to avoid splitting.  
Bearing blocks: Nail type: 0.131"x3" Gun\_nails  
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE  
2 21.208' 1 15" 19 Rigid Surface  
Bearing block to be same size and species as bottom chord.  
Refer to drawing CNRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002 (STD) /FBC

PLT TYP. 20 Gauge HS.Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale = .3125"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG CORP. PLATES ARE MADE OF 2018/16GSS 64-11/55/145 ASH A663 GRADE 40/60 (4, 8/16-55) GALV. STEEL. APPLY CORRECTION PLATES TO ALL TRUSSES. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE



ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0278



JAMES F. COLLINS  
No. 52216  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
Jun 06 00

|        |             |          |
|--------|-------------|----------|
| REF    | R215--      | 10581    |
| DATE   | 06/06/08    |          |
| DRW    | HCUSR215    | 08158020 |
| HC-ENG | WHK/WHK     |          |
| SEQN-  | 120471      |          |
| FROM   | CDM         |          |
| JREF-  | 1T15215_Z02 |          |

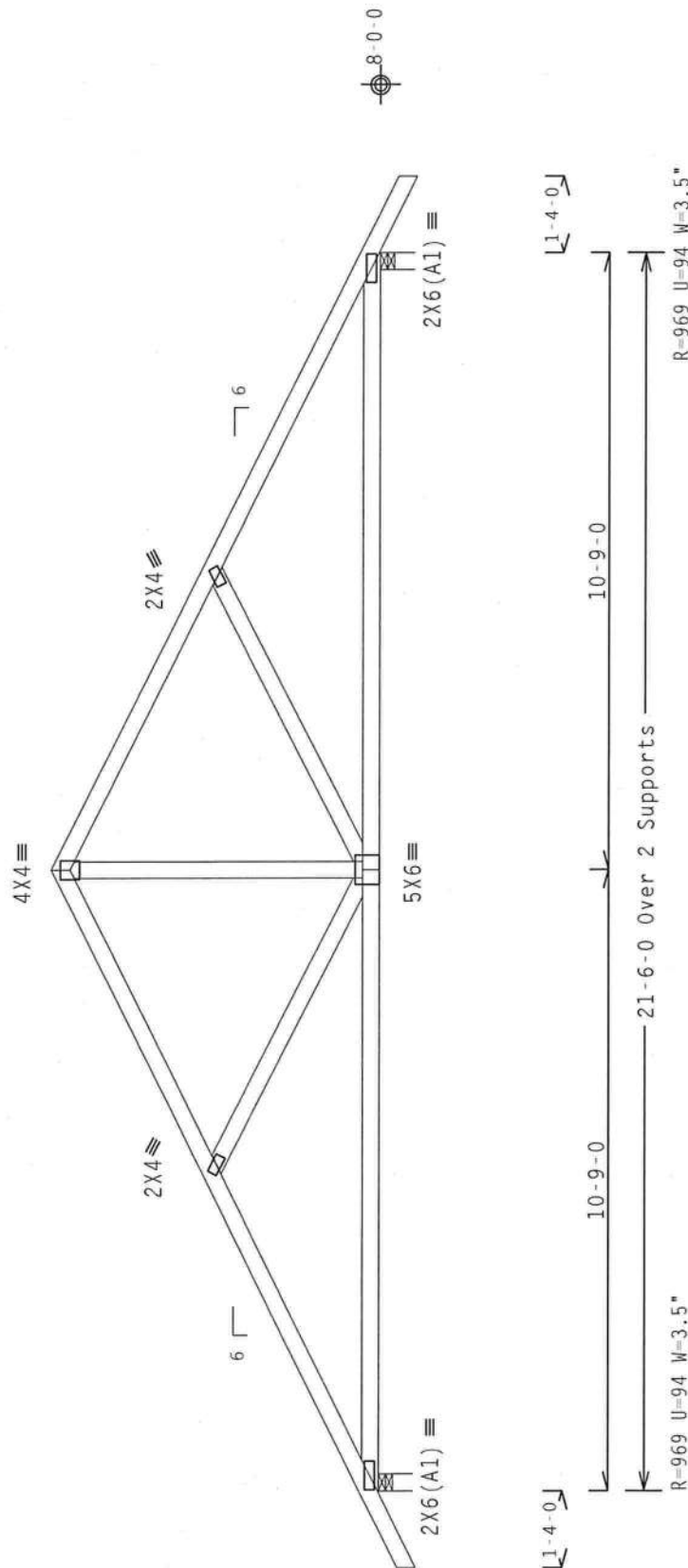
| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 1I, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-8-11.



Design Crit: TPI-2002(STD)/FBC

QTY: 8      FL / - / 5 / - / - / - / R / -      Scale = .3125" / Ft.

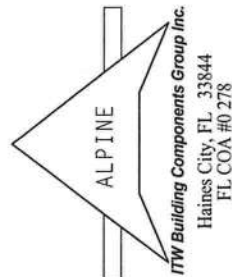
PLT TYP. Wave

|          |          |                        |
|----------|----------|------------------------|
| TC LL    | 20.0 PSF | REF R215-- 10582       |
| TC DL    | 10.0 PSF | DATE 06/06/08          |
| BC DL    | 10.0 PSF | DRW HCURSR215 08158008 |
| BC LL    | 0.0 PSF  | HC-ENG WHK/WHK *       |
| TOT.LD.  | 40.0 PSF | SEQN- 120316           |
| DUR.FAC. | 1.25     | FROM CDM               |
| SPACING  | 24.0"    | JREF- 1T15215_Z02      |



**\*WARNING\*** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE INTENDED PURPOSE OF PROVIDING A SAFE PASSAGE FOR THE TRUCKS. ALWAYS FOLLOW THE MANUFACTURER'S INSTRUCTIONS. IF YOU DO NOT HAVE THE NECESSARY SKILLS TO PERFORM THESE THUSSES, CONTACT A QUALIFIED PROFESSIONAL. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN CONFORMS WITH THE DESIGN, SHIPPING, INSTALLING & BRACING OF TRUSSES. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/1968 (ALUMINUM) OR 2018/1968 (STEEL) PER AISC 360. 1TH BCG PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER ANNEX A OF TPI-2002-SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A OF TPI-2002-SEC. 2.



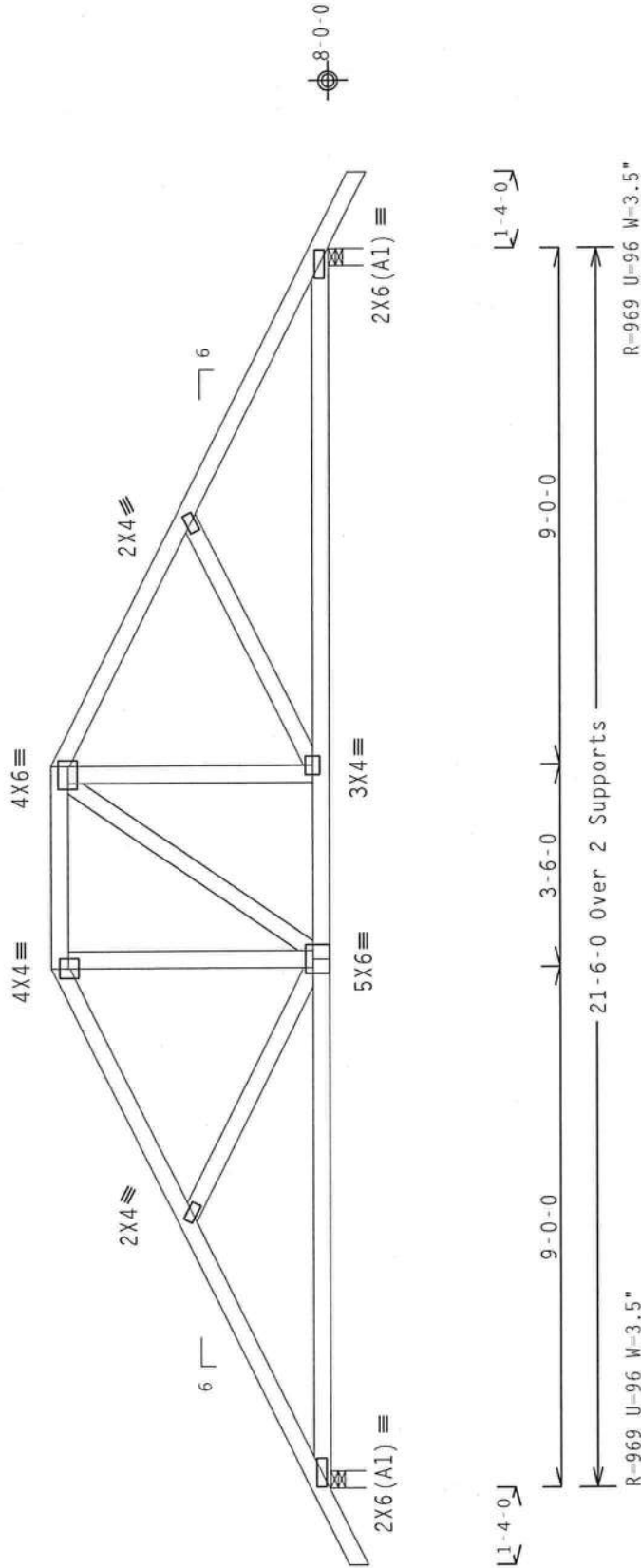
Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)-0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-10-3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0)

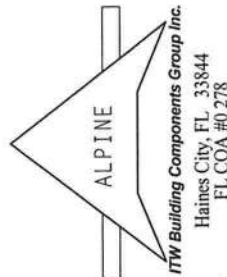
7.38.0810

QTY:1 FL/-/5/-/-/R/-

Scale = .3125"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND METAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1600 (4-H/55/75) ASTM A563 GRADE 50/60 (4, 4-H/55) GALV. STEEL. ALL PLATES SHALL BE AGENT INSPECTED AND APPROVED BY TPI. ITW BCG SHALL BE PER ANS/1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/1-2002 SEC. 2.



|          |          |
|----------|----------|
| TC LL    | 20.0 PSF |
| TC DL    | 10.0 PSF |
| BC DL    | 10.0 PSF |
| BC LL    | 0.0 PSF  |
| TOT.LD.  | 40.0 PSF |
| DUR.FAC. | 1.25     |
| SPACING  | 24.0"    |

|        |             |          |
|--------|-------------|----------|
| REF    | R215--      | 10583    |
| DATE   | 06/06/08    |          |
| DRW    | HCUR215     | 08158009 |
| HC-ENG | WHK/WHK     | *        |
| SEQN   | 120310      |          |
| FROM   | CDM         |          |
| JREF   | 1T15215_Z02 |          |

(5500-Dyal Residence /Plumb Level Construction -- , FL - A4)

Top chord 2x4 SP #2 N :T2 2x6 SP SS:  
Bot chord 2x6 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

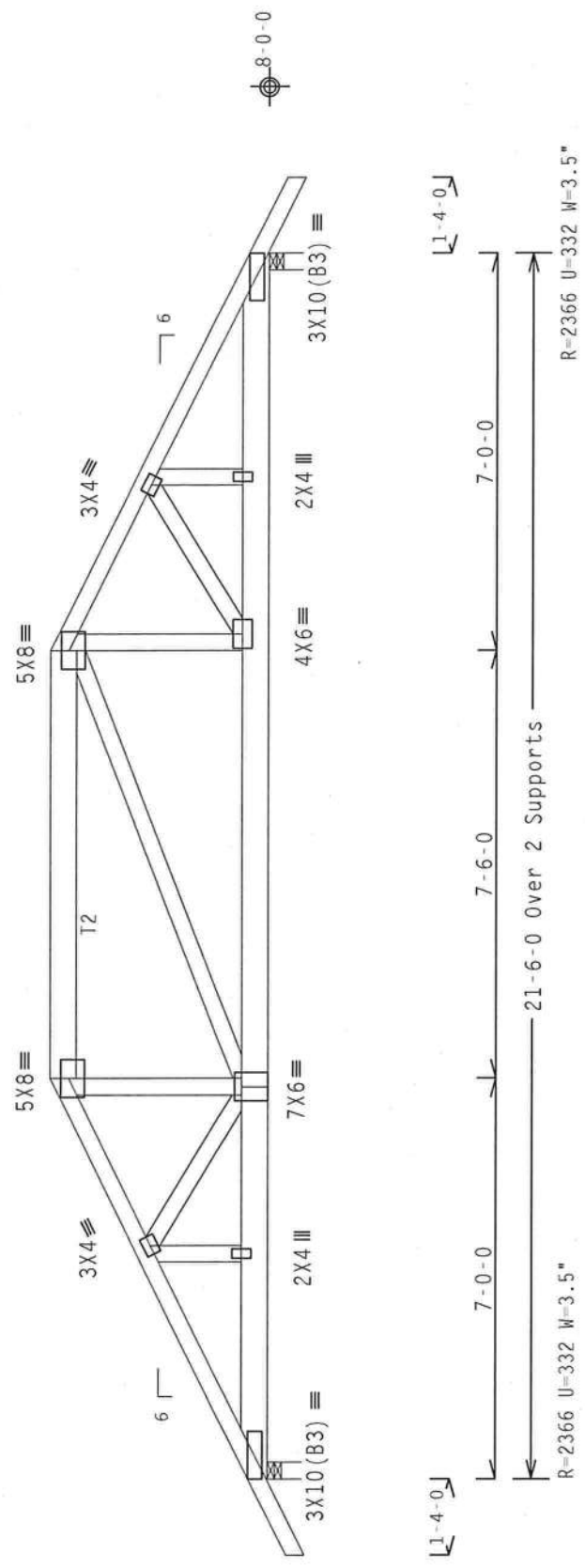
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 62 PLF at -1.33 to 62 PLF at 7.00  
TC - From 62 PLF at 7.00 to 62 PLF at 14.50  
TC - From 62 PLF at 14.50 to 62 PLF at 22.83  
BC - From 20 PLF at 0.00 to 20 PLF at 21.50  
TC - 189 LB Conc. Load at 7.06, 9.06, 10.75, 12.44, 14.44  
BC - 800 LB Conc. Load at 7.00, 14.50  
BC - 83 LB Conc. Load at 9.06, 10.75, 12.44

The overall height of this truss excluding overhang is 3-10-3.



Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0)

|                                                                                       |                                                                                      |                            |                      |               |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------|----------------------|---------------|
| PLT TYP. Wave                                                                         | QTY:1                                                                                | FL / - / 5 / - / - / R / - | Scale = .3125" / Ft. |               |
|                                                                                       |                                                                                      |                            | REF                  | R215 -- 10584 |
| ALPINE<br>ITW Building Components Group Inc.<br>Haines City, FL 33844<br>FL COA #0278 | JAMES F. COLLINS<br>No. 52212<br>STATE OF FLORIDA<br>PROFESSIONAL ENGINEER<br>Jun 06 | TC LL                      | 20.0 PSF             |               |
|                                                                                       |                                                                                      |                            | TC DL                | 10.0 PSF      |
|                                                                                       |                                                                                      | BC DL                      | 10.0 PSF             |               |
|                                                                                       |                                                                                      |                            | BC LL                | 0.0 PSF       |
|                                                                                       |                                                                                      | TOT. LD.                   | 40.0 PSF             |               |
|                                                                                       |                                                                                      | DUR. FAC.                  | 1.25                 |               |
|                                                                                       |                                                                                      | SPACING                    | 24.0"                |               |
|                                                                                       |                                                                                      | FROM                       | CDM                  |               |
|                                                                                       |                                                                                      | JREF                       | 1T15215_Z02          |               |
|                                                                                       |                                                                                      | DRW                        | HCUSR215             | 08158021      |
|                                                                                       |                                                                                      | HC-ENG WHK / WHK           |                      |               |
|                                                                                       |                                                                                      | SEQN                       | 120304               |               |
|                                                                                       |                                                                                      | FROM                       | CDM                  |               |
|                                                                                       |                                                                                      | JREF                       | 1T15215_Z02          |               |

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WIGA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PJ) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/16GA (4-H/55/P) ASTM A653 GRADE 40/60 (4, 8/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(5500-/Dyal Residence /Plumb Level Construction -- , FL - A5)

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

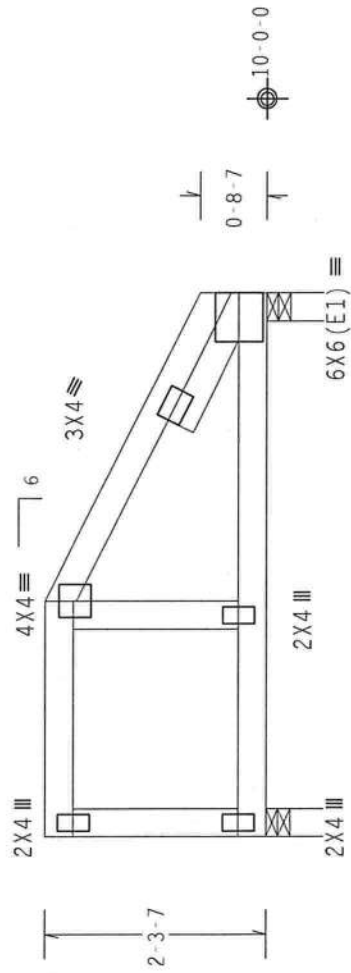
Left end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 2-3-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



2-5-0 3-2-0 5-7-0 Over 2 Supports  
R-225 U=31 W=3.5" R-229 U=12 W=3.5"

Design Crit: TPI-2002(STD)/FBC

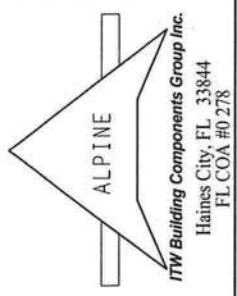
|               |          |                |                       |
|---------------|----------|----------------|-----------------------|
| PLT TYP. Wave | QTY:1    | FL/-/5/-/-/R/- | Scale =.5"/Ft.        |
| 7.38.0810.00  | TC LL    | 20.0 PSF       | REF R215-- 10585      |
|               | TC DL    | 10.0 PSF       | DATE 06/06/08         |
|               | BC DL    | 10.0 PSF       | DRW HCUSR215 08158010 |
|               | BC LL    | 0.0 PSF        | HC-ENG WHK/WHK *      |
|               | TOT.LD.  | 40.0 PSF       | SEQN- 120566          |
|               | DUR.FAC. | 1.25           | FROM CDM              |
|               | SPACING  | 24.0"          | JREF- 1T15215_Z02     |



**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

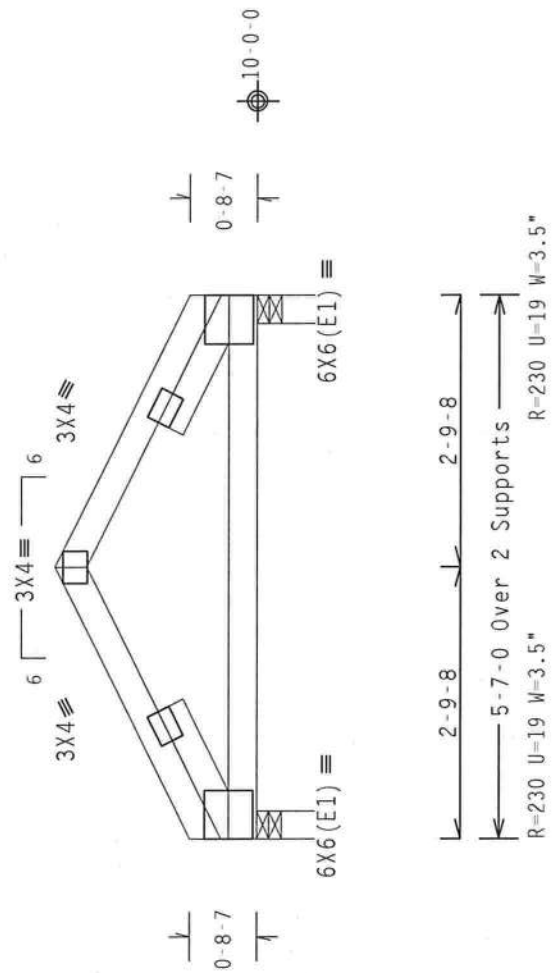
**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2019/16GA (4-H/55/54) ASTM A653 GRADE 40/60 (4, 8/11,55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. WITH THE BOTTOM OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT FOR THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

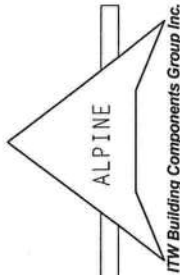


(5500-D)al Residence /Plumb Level Construction -- , FL - A6)

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'  
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'  
Deflection meets L/240 live and L/180 total load.  
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.18  
Wind reactions based on MWFRS pressures.  
The overall height of this truss excluding overhang is 2-1-3.



PLT TYP. Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.



ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0 278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (44-H/55/9) ASTM A653 GRADE 40/60 (4, 47/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY CSCI SHALL BE PERFORMED BY A QUALIFIED PERSONNEL. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



JAMES F. COLLINS  
No. 152212  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
Jun 00 08

|          |          |
|----------|----------|
| TC LL    | 20.0 PSF |
| TC DL    | 10.0 PSF |
| BC DL    | 10.0 PSF |
| BC LL    | 0.0 PSF  |
| TOT.LD.  | 40.0 PSF |
| DUR.FAC. | 1.25     |
| SPACING  | 24.0"    |

|        |             |          |
|--------|-------------|----------|
| REF    | R215--      | 10586    |
| DATE   | 06/06/08    |          |
| DRW    | HCUSR215    | 08158022 |
| HC-ENG | WHK/WHK     |          |
| SEQN-  | 120561      |          |
| FROM   | CDM         |          |
| JREF-  | 1T15215_Z02 |          |

(5500-Dyal Residence /Plumb Level Construction -- , FL - A7)

Top chord 2x4 SP #2 N  
Bot chord 2x6 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

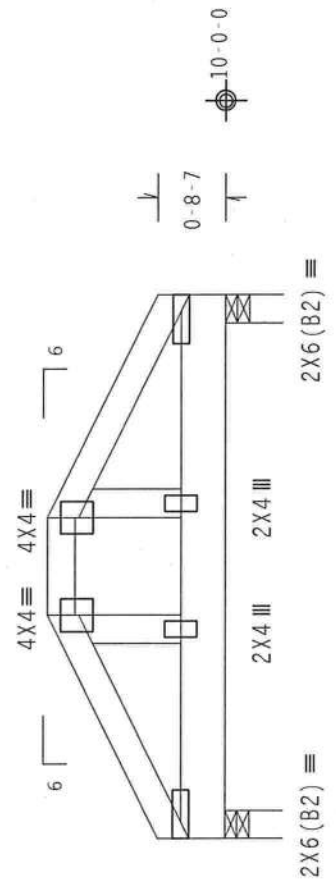
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-10-3.

SPECIAL LOADS

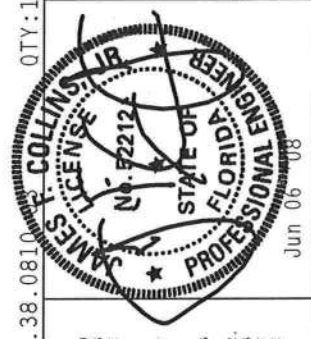
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 62 PLF at 0.00 to 62 PLF at 2.29  
TC - From 62 PLF at 2.29 to 62 PLF at 3.29  
TC - From 62 PLF at 3.29 to 62 PLF at 5.58  
BC - From 20 PLF at 0.00 to 20 PLF at 5.58  
TC - 152 LB Conc. Load at 2.29, 3.29  
BC - 55 LB Conc. Load at 2.29, 3.29

Deflection meets L/240 live and L/180 total load.



2-3-8 1-0-0 2-3-8  
5-7-0 Over 2 Supports  
R=436 U=68 W=3.5"  
R=436 U=68 W=3.5"

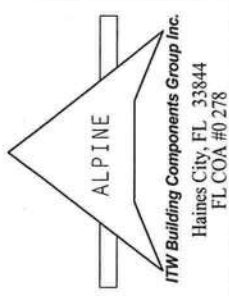
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0)



**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48371) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ITW BEG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.2.3.1.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

|               |          |                |                       |
|---------------|----------|----------------|-----------------------|
| PLT TYP. Wave | QTY:1    | FL/-/5/-/-/R/- | Scale =.5"/Ft.        |
|               | TC LL    | 20.0 PSF       | REF R215-- 10587      |
|               | TC DL    | 10.0 PSF       | DATE 06/06/08         |
|               | BC DL    | 10.0 PSF       | DRW HCUSR215 08158023 |
|               | BC LL    | 0.0 PSF        | HC-ENG WHK/WHK        |
|               | TOT.LD.  | 40.0 PSF       | SEQN- 120556          |
|               | DUR.FAC. | 1.25           | FROM CDM              |
|               | SPACING  | 24.0"          | JREF- 1T15215_Z02     |



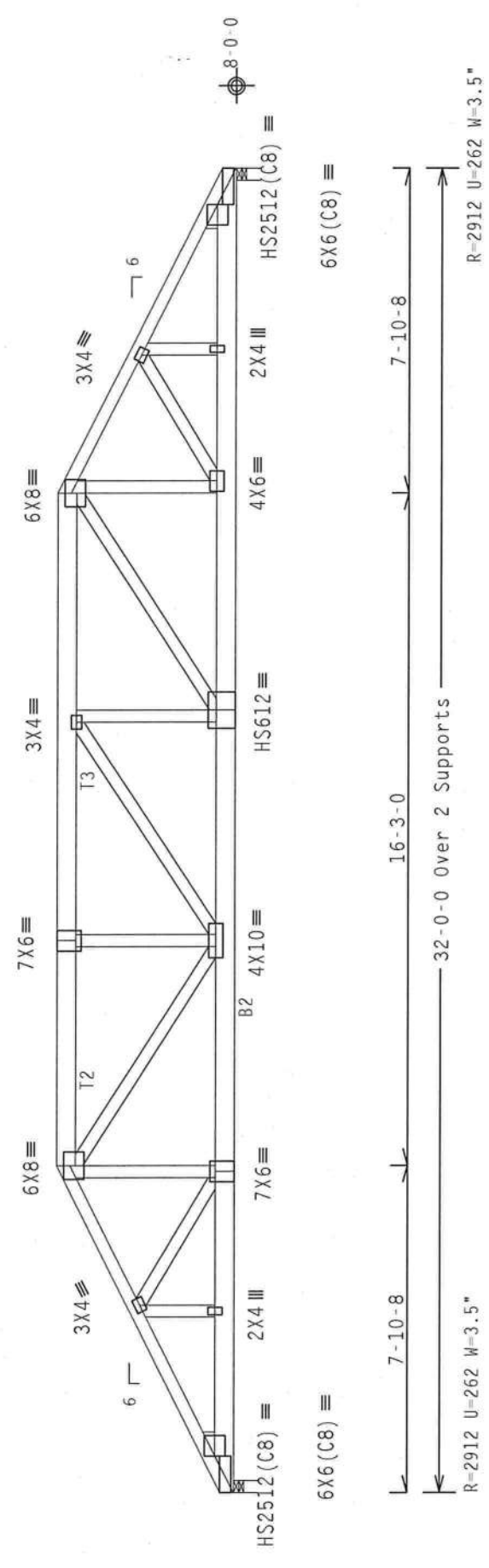
(5500-/Dyal Residence /Plumb Level Construction --, FL - A8)

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:  
Bot chord 2x6 SP #2 Dense :B2 2x6 SP SS:  
Webs 2x4 SP #2 N  
:Lt Wedge 2x4 SP #2 N::Rt Wedge 2x4 SP #2 N:  
#1 hip supports 7-10-8 jacks to BC.  
The overall height of this truss excluding overhang is 4-3-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



PLT TYP. 20 Gauge HS.Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = .25"/Ft.

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |          |          |                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|----------|-----------------------|
| <br>JUN 06 08     | <b>**WARNING**</b> TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCSS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 EUTERPHEE LANE, MADISON, TN 37115), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MEEKS AVE., PITTSBURGH, PA, 15224) FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. |                   | TC LL    | 20.0 PSF | REF R215-- 10588      |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | TC DL    | 10.0 PSF | DATE 06/06/08         |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | BC DL    | 10.0 PSF | DRW HCUSR215 08158024 |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | BC LL    | 0.0 PSF  | HC-ENG WHK/WHK        |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | TOT.LD.  | 40.0 PSF | SEQN- 120285          |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   | DUR.FAC. | 1.25     | FROM CDM              |
| SPACING SEE ABOVE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | JREF- 1T15215_Z02 |          |          |                       |

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BEG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS SHALL BE USED IN ACCORDANCE WITH THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0278

(5500 - Dyal Residence /Plumb Level Construction -- , FL - A9)

Top chord 2x4 SP SS :T2, T3 2x6 SP #2 Dense:  
Bot chord 2x4 SP SS :B1 2x6 SP #2 Dense:  
Webs 2x4 SP #2 N  
:LT Wedge 2x4 SP #2 N::Rt Wedge 2x4 SP #2 N:

Bearing blocks: Nail type: 0.131"x3" Gun nails  
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE  
1 0.000' 1 12" 4 Rigid Surface  
2 32.875' 1 12" 6 Rigid Surface  
Bearing block to be same size and species as bottom chord.  
Refer to drawing CNBRGLK0207 for additional information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located  
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind  
BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

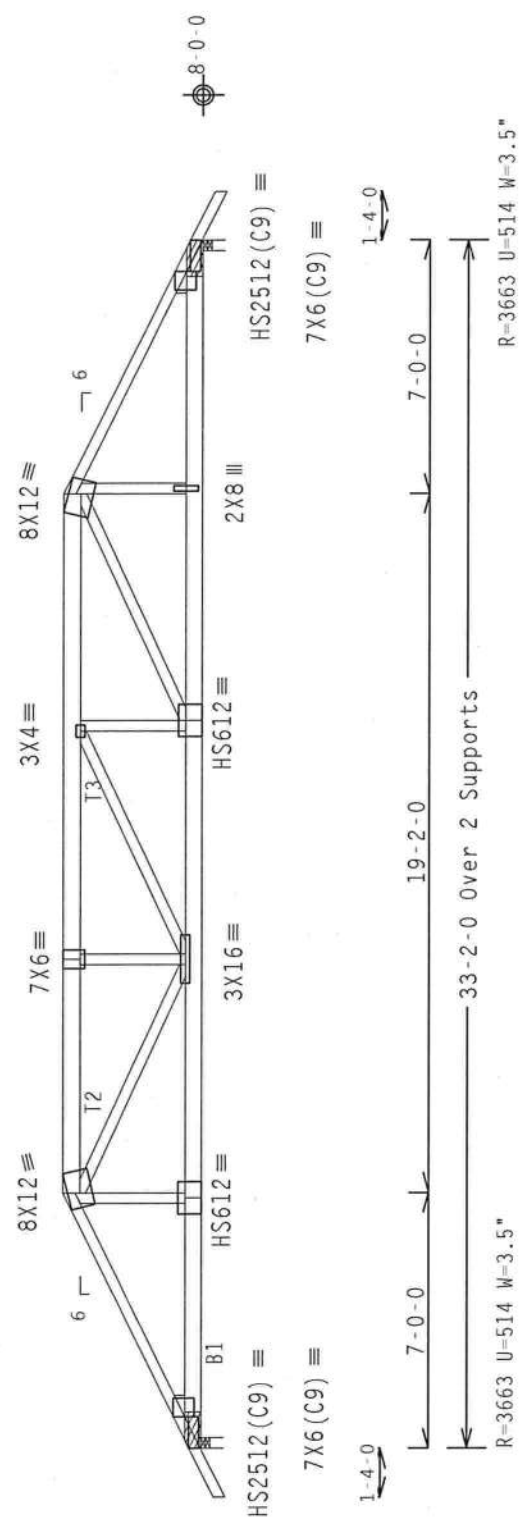
Wind reactions based on MWFRS pressures.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 62 PLF at -1.33 to 62 PLF at 7.00  
TC - From 62 PLF at 7.00 to 62 PLF at 26.17  
TC - From 62 PLF at 26.17 to 62 PLF at 34.50  
BC - From 20 PLF at 0.00 to 20 PLF at 33.17  
TC - 189 LB Conc. Load at 7.06, 9.06, 11.06, 13.06, 15.06  
16.58, 18.10, 20.10, 22.10, 24.10, 26.10  
BC - 800 LB Conc. Load at 7.00, 26.17  
BC - 83 LB Conc. Load at 9.06, 11.06, 13.06, 15.06, 16.58  
18.10, 20.10, 22.10, 24.10

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-10-3.

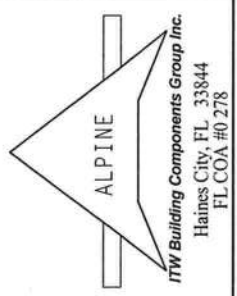


Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS.Wave

QTY:1 FL/-5/-/-R/- Scale =.1875"/Ft.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|
| <p><b>**WARNING**</b> TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.</p> <p><b>**IMPORTANT**</b> FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING &amp; BRACING OF TRUSSES.</p> <p>DESIGN CONFORMS WITH APPLICABLE PROVIDERS OF NDS (NATIONAL DESIGN SPEC., BY AIA/ASD) AND TPI. TPI BCG DESIGNER PLATES ARE MADE OF 2018/16GA (4-H/52/8) ASTM A653 GRADE 40/60 (4, K/2/55) GALV. STEEL. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS. THIS DRAWING DOES NOT INDICATE THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.</p> | REF R215-- 10589      | TC LL 20.0 PSF    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DATE 06/06/08         | TC DL 10.0 PSF    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DRW HCUSR215 08158025 | BC DL 10.0 PSF    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HC-ENG WHK/WHK        | BC LL 0.0 PSF     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SEQN- 120322          | TOT.L.D. 40.0 PSF |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FROM CDM              | DUR.FAC. 1.25     |
| JREF- 1T15215_Z02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       | SPACING 24.0"     |



(5500 - Dyal Residence /Plumb Level Construction -- , FL - A10)

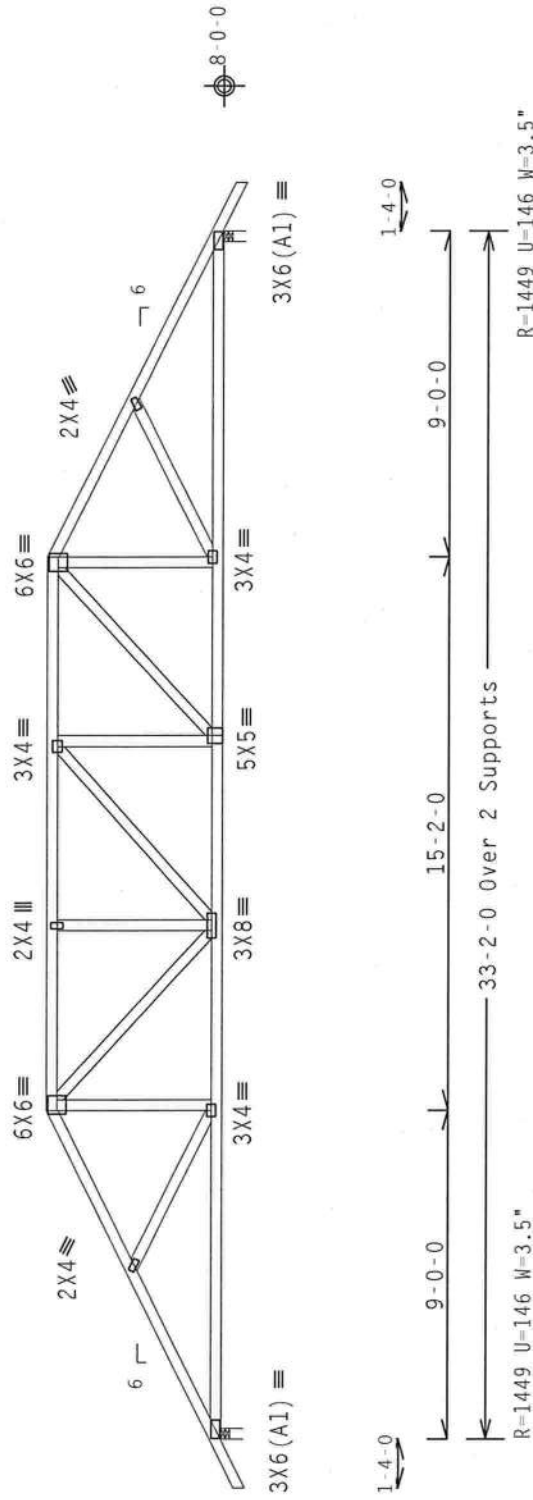
Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.  $I_w=1.00$  GCPI (+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-10-3.



Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0)

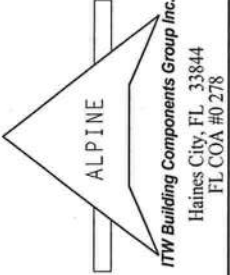
QTY: 1 FL/-/5/-/-/R/- Scale = .1875"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (M/J/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



|          |                   |
|----------|-------------------|
| TC LL    | 20.0 PSF          |
| TC DL    | 10.0 PSF          |
| BC DL    | 10.0 PSF          |
| BC LL    | 0.0 PSF           |
| TOT.LD.  | 40.0 PSF          |
| DUR.FAC. | 1.25              |
| SPACING  | 24.0"             |
| REF      | R215-- 10590      |
| DATE     | 06/06/08          |
| DRW      | HCUSR215 08158011 |
| HC-ENG   | WHK/WHK           |
| SEON-    | 120540            |
| FROM     | CDM               |
| JREF-    | 1T15215_Z02       |



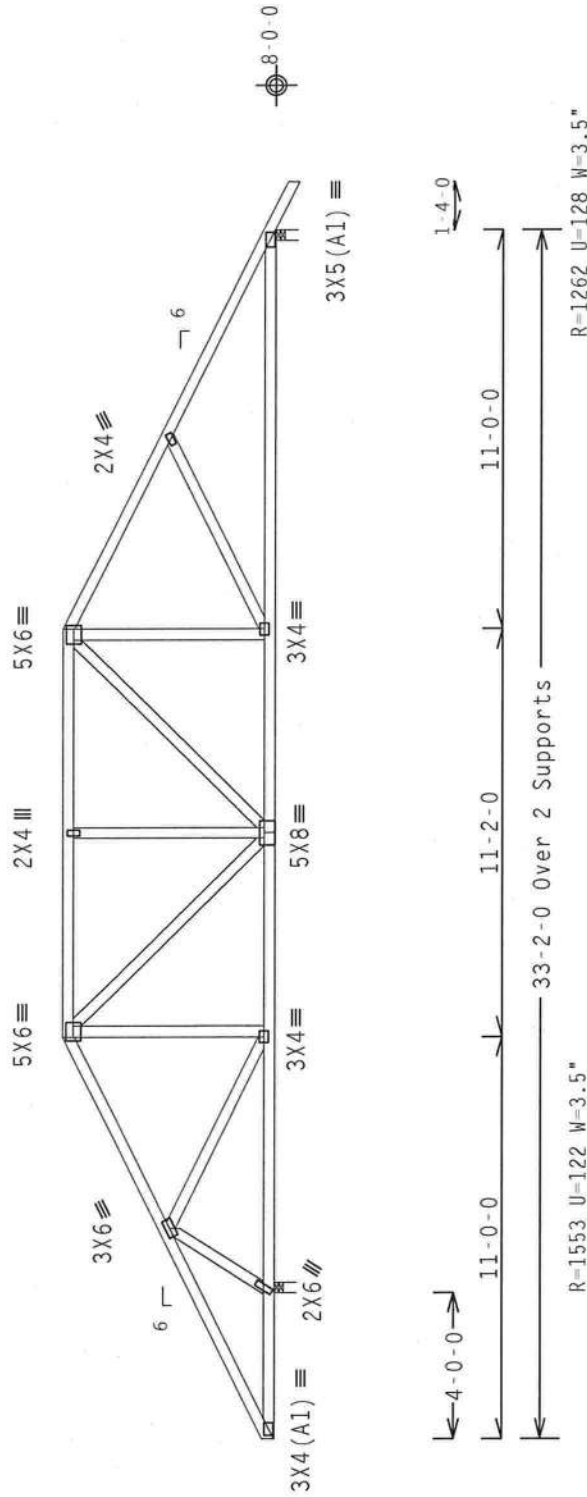
| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5-10-3.



R=1553 U=122 W=3.5"

R=1262 U=128 W=3 5"

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$ 

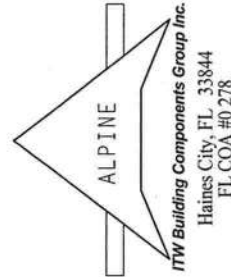
OTY:1 EL/-5/-/-/R/-  
Scale = 1875"/Ft.

PLT TYP. Wave

[illegible]

**\*\*\*IMPORTANT\*\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTORS) DESIGN SPECIFICATIONS FOR STEEL BUILDINGS (AISC 360-10), AISC 360-16, AISC 360-22, AISC 360-23, AISC 360-24, AISC 360-25, AISC 360-26, AISC 360-27, AISC 360-28, AISC 360-29, AISC 360-30, AISC 360-31, AISC 360-32, AISC 360-33, AISC 360-34, AISC 360-35, AISC 360-36, AISC 360-37, AISC 360-38, AISC 360-39, AISC 360-40, AISC 360-41, AISC 360-42, AISC 360-43, AISC 360-44, AISC 360-45, AISC 360-46, AISC 360-47, AISC 360-48, AISC 360-49, AISC 360-50, AISC 360-51, AISC 360-52, AISC 360-53, AISC 360-54, AISC 360-55, AISC 360-56, AISC 360-57, AISC 360-58, AISC 360-59, AISC 360-60, AISC 360-61, AISC 360-62, AISC 360-63, AISC 360-64, AISC 360-65, AISC 360-66, AISC 360-67, AISC 360-68, AISC 360-69, AISC 360-70, AISC 360-71, AISC 360-72, AISC 360-73, AISC 360-74, AISC 360-75, AISC 360-76, AISC 360-77, AISC 360-78, AISC 360-79, AISC 360-80, AISC 360-81, AISC 360-82, AISC 360-83, AISC 360-84, AISC 360-85, AISC 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360-371, AISC 360-372, AISC 360-373, AISC 360-374, AISC 360-375, AISC 360-376, AISC 360-377, AISC 360-378, AISC 360-379, AISC 360-380, AISC 360-381, AISC 360-382, AISC 360-383, AISC 360-384, AISC 360-385, AISC 360-386, AISC 360-387, AISC 360-



|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10591    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158026 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120534      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |

|           |     |    |      |
|-----------|-----|----|------|
| Top chord | 2x4 | SP | #2 N |
| Bot chord | 2x4 | SP | #2 N |
| Web       | 2x4 | SP | #2 N |

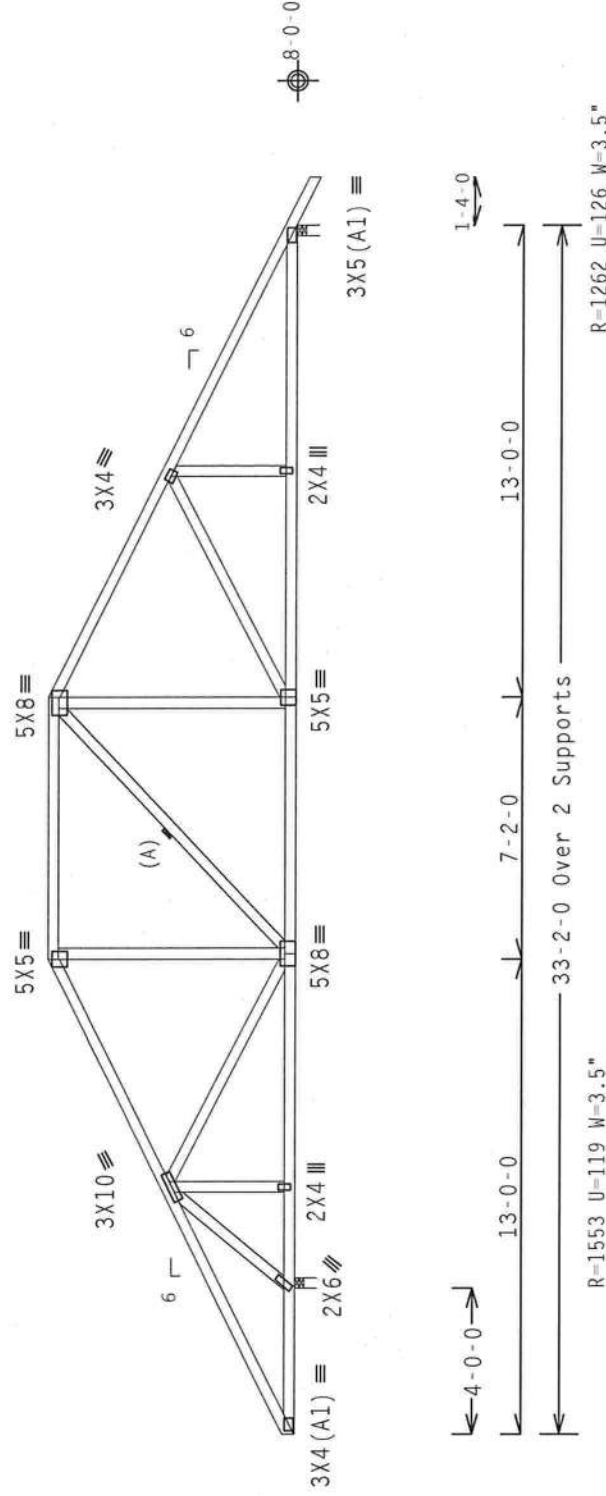
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "L" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-10-3.



Design Crit: TPI-2002(STD)/FBC

OTY:1 FL/-/5/-/-/R/-/Scale = 1875"/Ft.

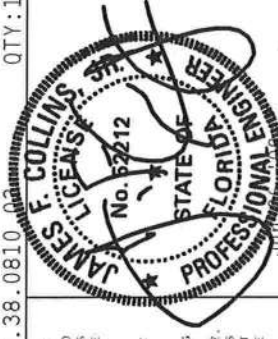
0810.020

$$Cq/RT=1.00(1.25)/0(0)$$

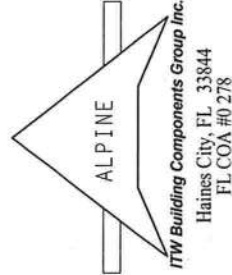
PLT TYP. Wave

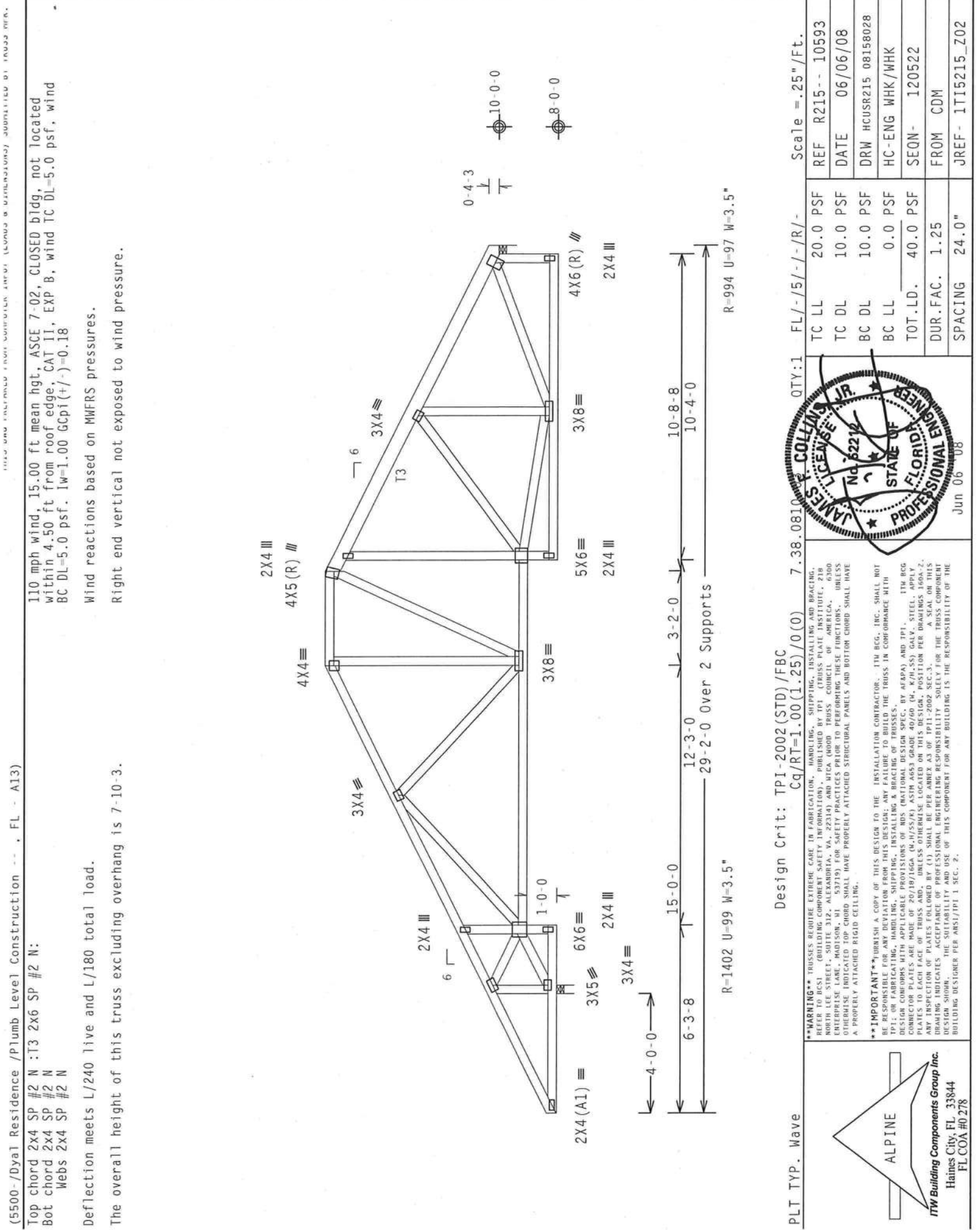
**\*WARNING:** \*PROCESSES REQUIRE EXTREME CARE IN FABRICATING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER. NORTH LANE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MICA WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LAKE, MADISON, WI, 53719, FOR SAFETY PRACTICES PRIOR TO CONSTRUCTING THESE UNITS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLS.

**\*\*IMPORTANT\*\***—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. THE BUILDING DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENTS SHALL BE LIMITED TO THE TRUSS COMPONENTS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10592    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158027 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120528      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |





(5500-Dyal Residence /Plumb Level Construction --, FL - A13)

Top chord 2x4 SP #2 N :T3 2x6 SP #2 N:  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.  
The overall height of this truss excluding overhang is 7'-10"-3.

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-5/-/-/R/- Scale = .25"/Ft.

PLT TYP. Wave

REF R215-- 10593  
DATE 06/06/08  
DRW HCUSR215 08158028  
HC-ENG WHK/WHK  
SEQN- 120522  
FROM CDM  
JREF- 1T15215\_Z02

ALPINE  
ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0278

FLORIDA  
JAMES COLLINS JR.  
No. 32212  
JUN 06 08  
PROFESSIONAL ENGINEER  
STATE OF FLORIDA

IMPORTANT\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

|     |       |     |    |    |   |
|-----|-------|-----|----|----|---|
| Top | chord | 2x4 | SP | #2 | N |
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

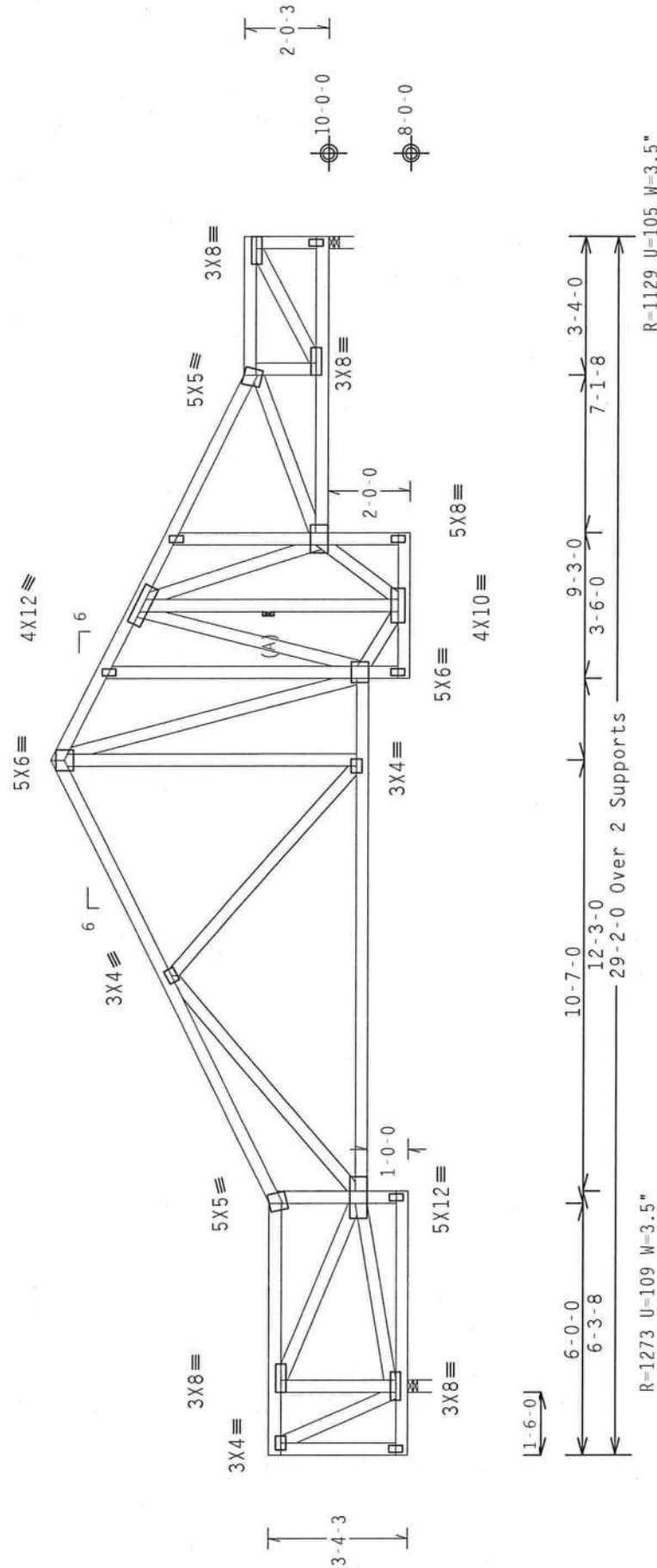
End verticals not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "I" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5"min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-7-11.



Note: All Plates Are 2X4 Except As Shown.

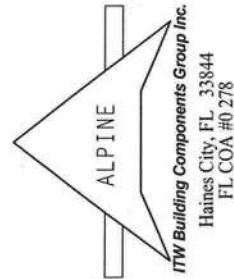
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/0(0)$$

QTY:1 FL / - / 5 / - / - / R / -

Scale = .25"/Ft.

[illegible]

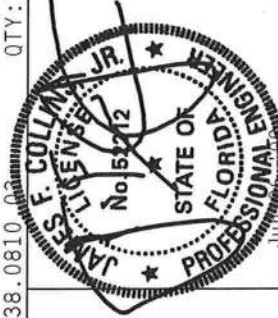
**\*\*IMPORTANT\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2016/T16G8 (14-7/16"X55"X3/8") ASTM A563 GRADE 40/50 (T.C. K/H-55). GALV. STEEL, APPLY PROTECTIVE COATINGS TO ALL EXPOSED SURFACES IMMEDIATELY AFTER CUTTING OR DRILLING.

AFTER INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF THIS DESIGN, POSITION PER DRAWINGS 10A-2 THROUGH 10A-9, THE SUBMITTER HEREBY ACCEPTS FULL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS SHOWN.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE DESIGNER.

THE SHIFTABLE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANTI-TIP 1 SEC. 2.



|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10594    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158029 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120517      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |

|           |     |    |      |
|-----------|-----|----|------|
| Top chord | 2x4 | SP | #2 N |
| Bot chord | 2x4 | SP | #2 N |
| Web       | 2x4 | SP | #2 N |

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$  GCpi (+/-)=0.18

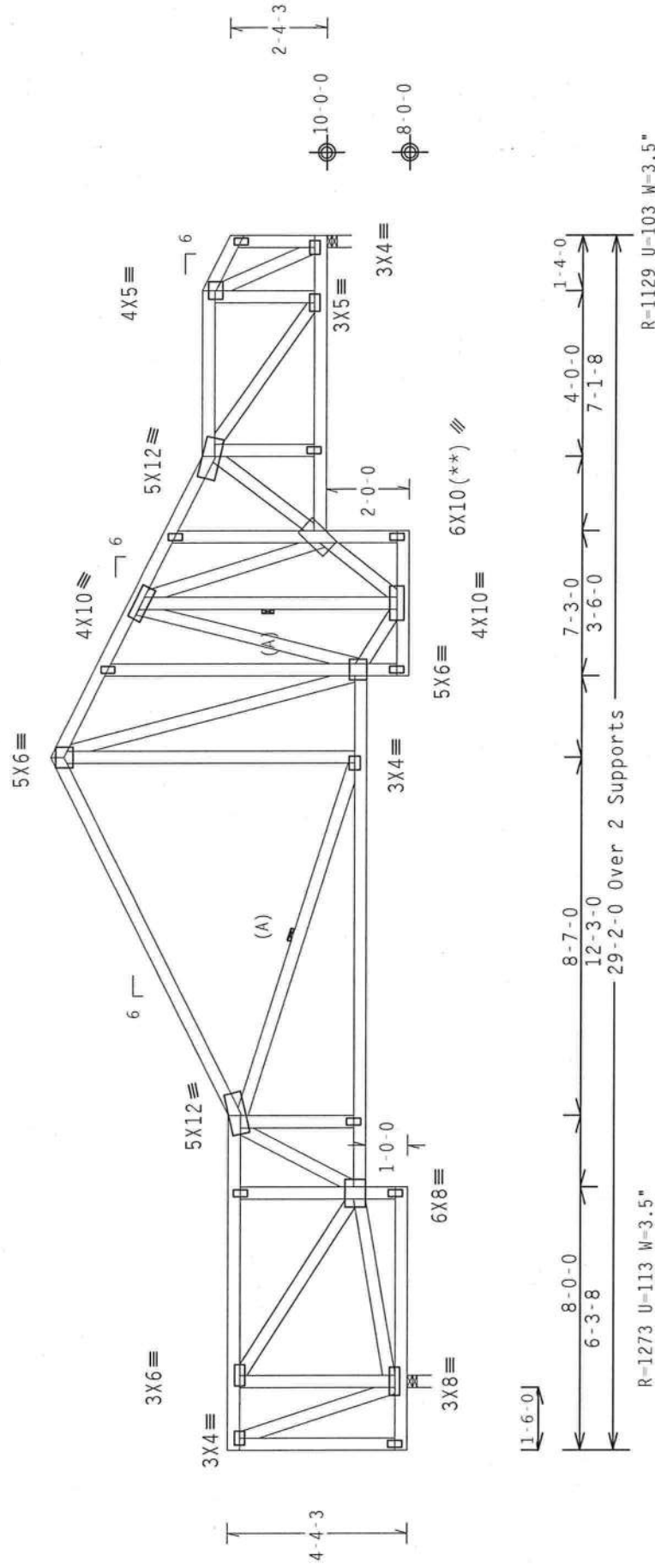
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 8-7-11.



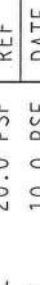
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-  
Scale = 25"/Ft.

 $Cq/RT=1.00(1.25)/0(0)$  7.38.0810.03

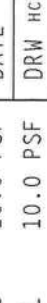
PLT TYP. Wave



**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PER ALL SPECIFICATIONS. (PUBLISHED BY TPI) (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALBUQUERQUE, NM, 87104) AND AISC (6000 TRUSS, COUNCIL OF AMERICA, 6300 INTERPRETIVE LANE, MIDDLETOWN, MD, 21762) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGN ERRORS OR OMISSIONS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR AISC SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TPI BCG DESIGN COMPONETS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (9.4/5.5/3.6) ASTM A563 GRADE 40/60 (4. K/0.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DRAWING INDICATES A PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



James F. Collins, P.E.  
Professional Engineer  
State of Florida  
License No. 52212

|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215 - -    | 10595    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158030 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120512      |          |
| DUR.FAC. | 1.25     | FROM   | CDM         |          |
| SPACING  | 24.0"    | JREF-  | 1T15215_Z02 |          |

|  | Top chord | 2x4 | SP | #2 | N |
|--|-----------|-----|----|----|---|
|  | Bot chord | 2x4 | SP | #2 | N |
|  | Wbs       | 2x4 | SP | #2 | N |

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

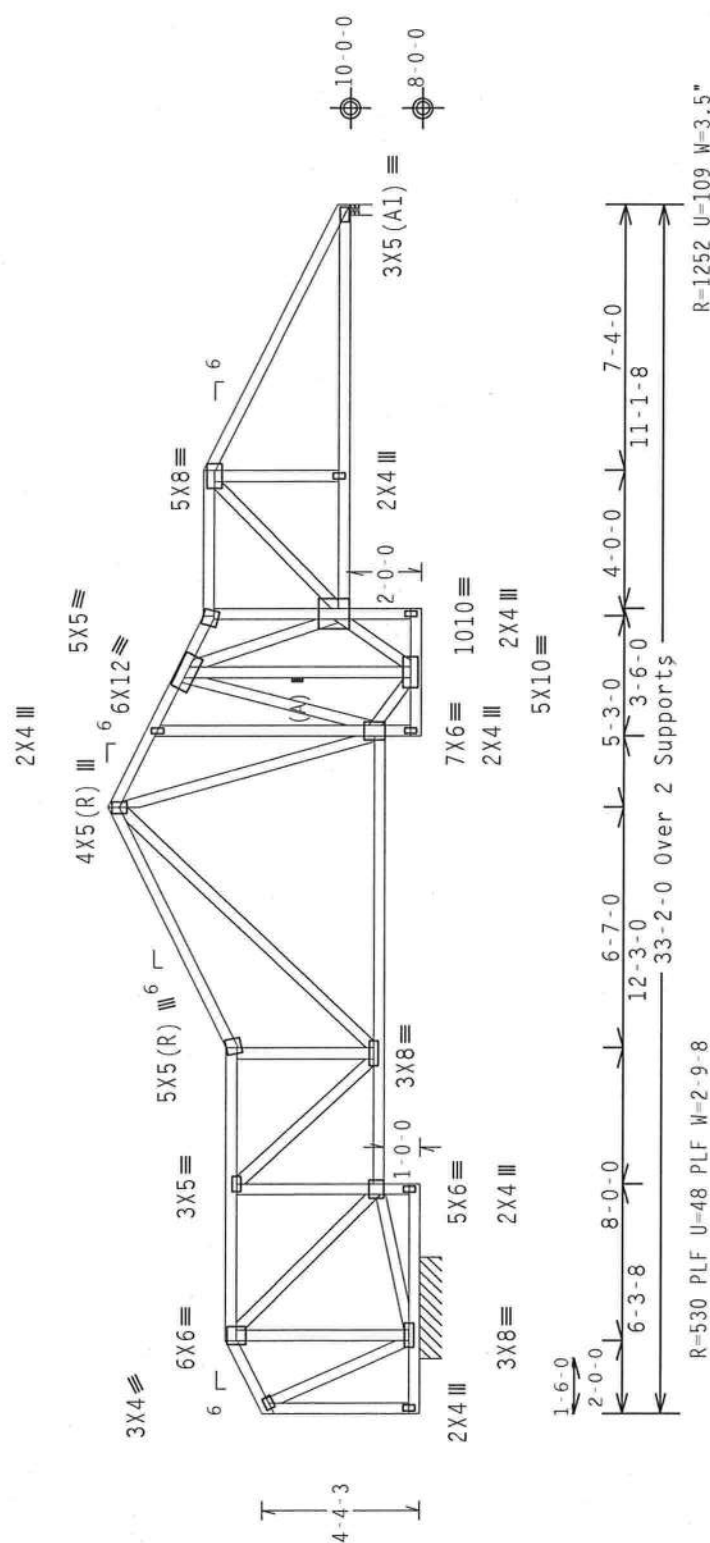
Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min. nails @ 6" OC.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-7-11.



R=530 PLF U=48 PLF W=2-9-8

R=1252 U=109 W=3.5"

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/

PLT TYP. Wave

Scale = .1875"/Ft.

|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  |          |       |     |                |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-----|----------------|-------------|
| <div><div><div>ALPINE</div></div><div><div>ITW Building Components Group Inc.</div><div>Haines City, FL 33844</div><div>FL COA #0 278</div></div></div> | <p><b>**WARNING**</b> TRUSSES PROVIDE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.</p> <p><b>**IMPORTANT**</b>URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING &amp; BRACING OF TRUSSES.</p> <p>DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&amp;PA) AND TPI.</p> <p>ITW BCG TRUSS COMPANY PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (H, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AME# 4 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHSI/TPI 1 SEC. 2.</p> | <div><div><div>JAMES J. COLLINS, JR.</div><div>FLORIDA</div><div>PROFESSIONAL ENGINEER</div><div>STATE OF</div><div>NO. 52212</div></div><div><div>Jun 06 2008</div></div></div> | TC LL    | 20.0  | PSF | REF R215 -     | 10596       |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | TC DL    | 10.0  | PSF | DATE           | 06/06/08    |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | BC DL    | 10.0  | PSF | DRW HCUSR215   | 08158031    |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | BC LL    | 0.0   | PSF | HC-ENG WHK/WHK |             |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | TOT.LD.  | 40.0  | PSF | SEQN -         | 120506      |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | DUR.FAC. | 1.25  |     | FROM           | CDM         |
|                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                  | SPACING  | 24.0" |     | JREF -         | 1T15215_Z02 |

(5500-D)al Residence /Plumb Level Construction -- , FL - A17)

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$   $G_{Cpi}(+/-)=0.18$

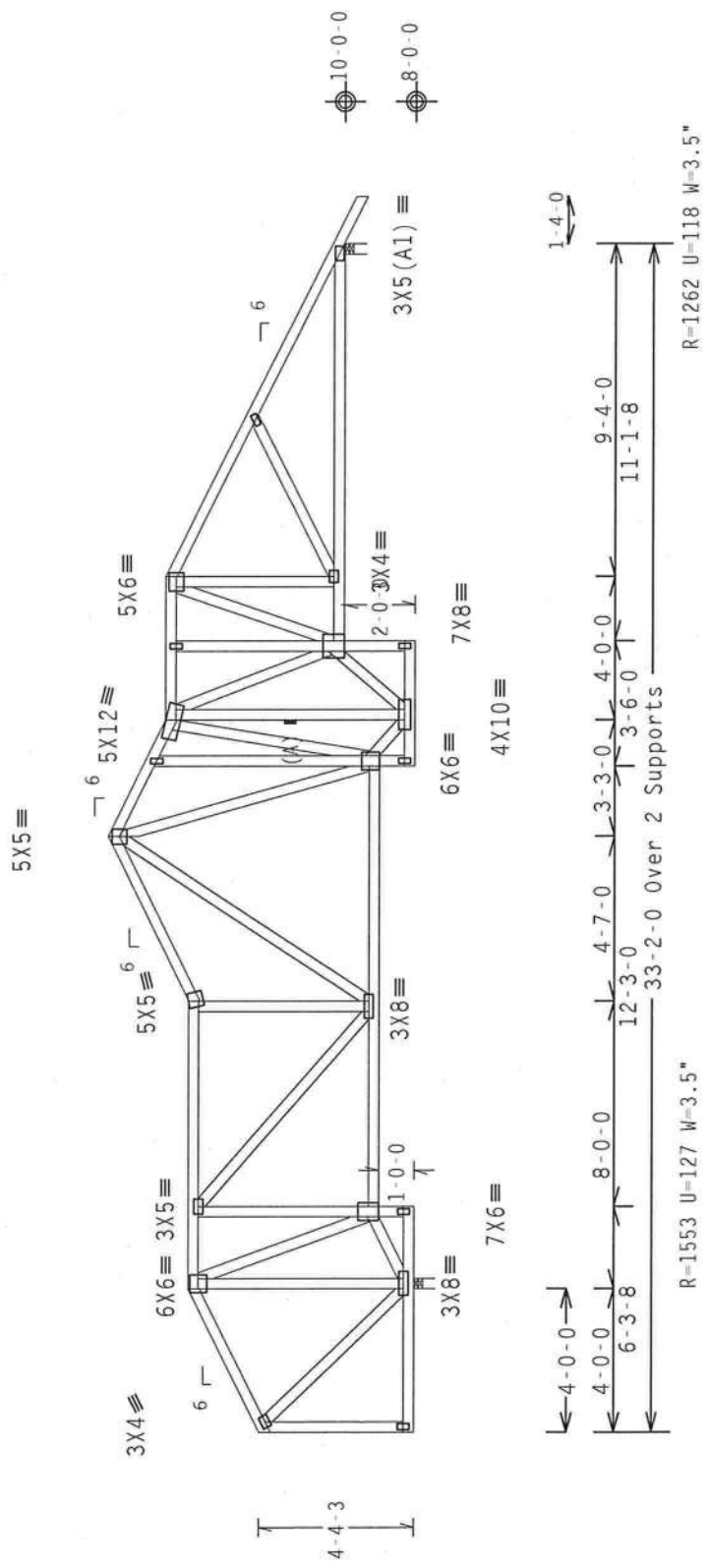
Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-7-11.

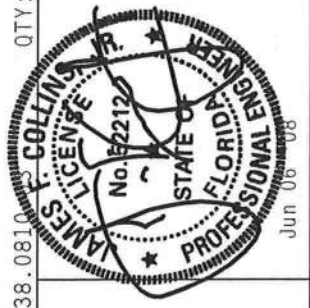


Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

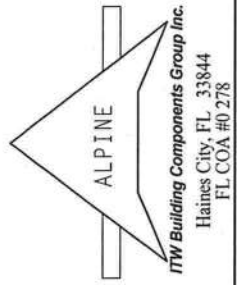
Scale = .1875"/Ft.

|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215--      | 10597    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158032 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120497      |          |
| DUR.FAC. | 1.25     | FROM   | CDM         |          |
| SPACING  | 24.0"    | JREF-  | 1T15215_Z02 |          |



**WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA) AND TPI. ITM BEG CONNECTOR PLATES ARE MADE OF 2018/16GA (40-H/55/K) ASTM A653 GRADE 40/60 (40, 40/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ADVISE INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SHOPS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



| Top chord | 2x4 | SP | #2 N |
|-----------|-----|----|------|
| Bot chord | 2x4 | SP | #2 N |
| Webs      | 2x4 | SP | #2 N |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

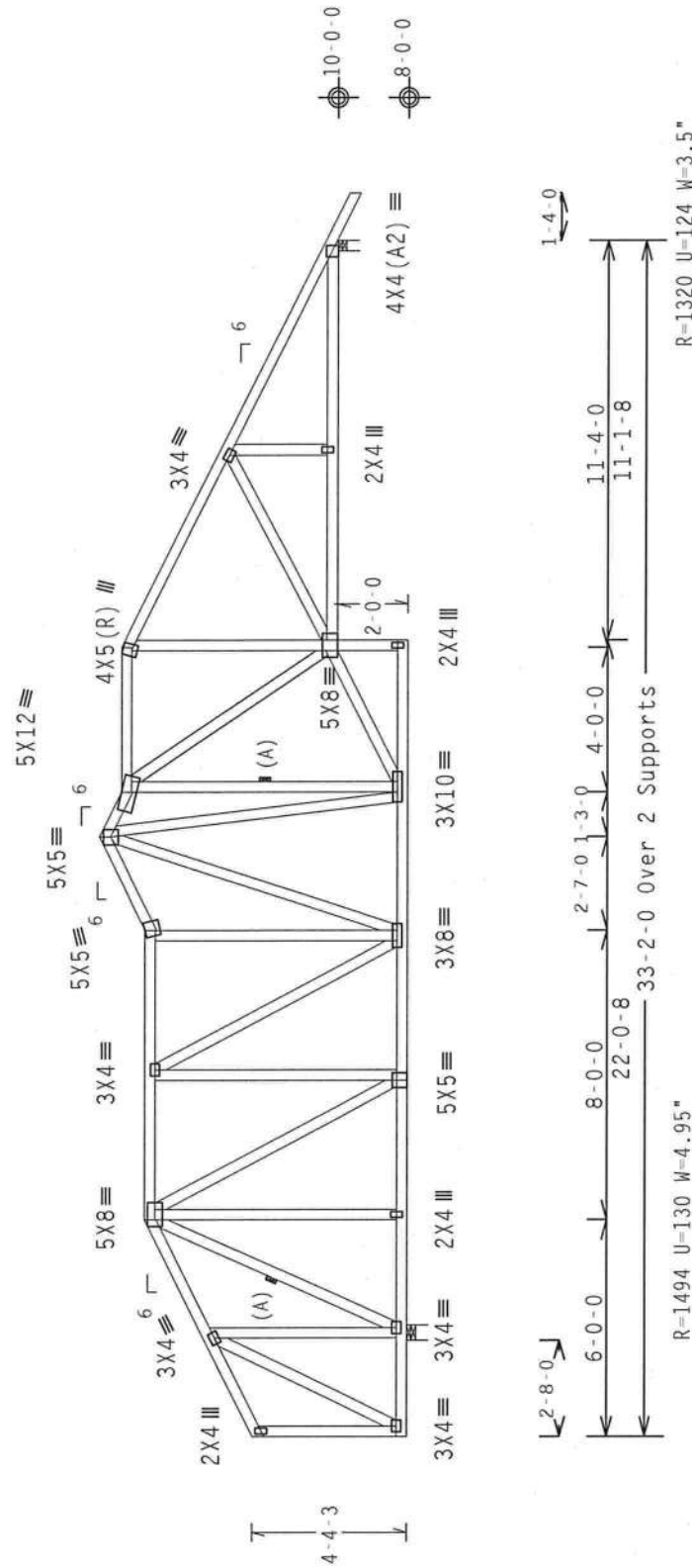
Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5"min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-7-11.

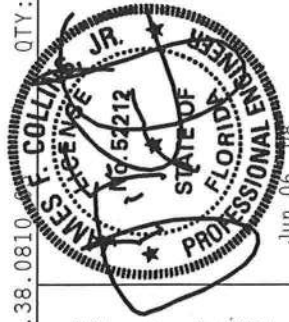


Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-  
Scale = .1875" / Ft.

PLT TYP. Wave

**\*\*WARNING\*\*** THESSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL PANELS MUST BE PROPERLY SUPPORTED TO PREVENT OVERSTRESSING OF THE CHORD PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-6198. THESE TRUSS SYSTEMS ARE DESIGNED FOR USE ONLY ON THE SPECIFIC PROJECTS INDICATED ON THE TRUSS MANUFACTURING TAG. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10598    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158033 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120492      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |

(5500-Dyal Residence /Plumb Level Construction -- , FL - A19)

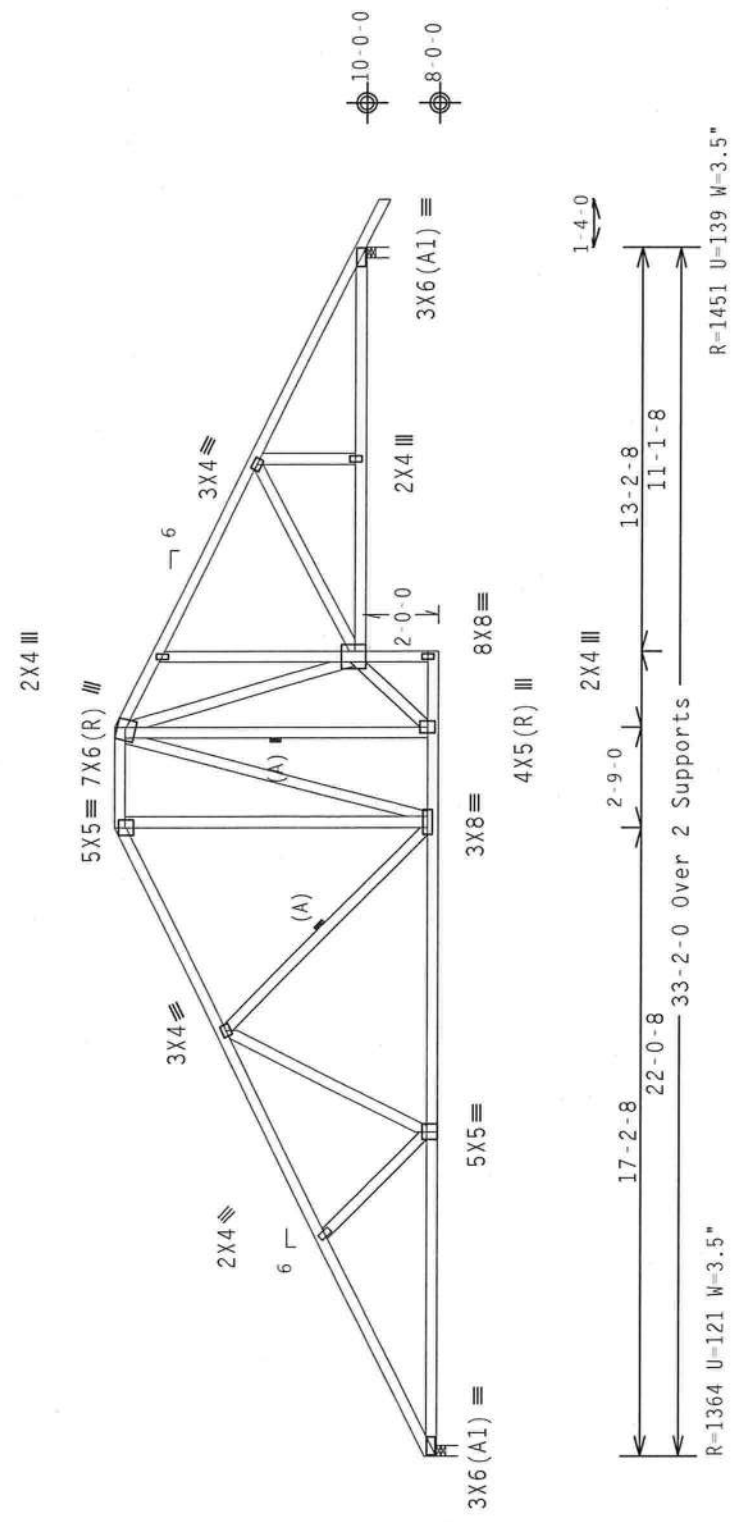
Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Wind reactions based on MWFRS pressures.  
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-11-7.



Design Crit: TPI-2002 (STD) /FBC  
Cq/RT=1.00(1.25)/0(0)

|               |          |          |                            |                      |             |
|---------------|----------|----------|----------------------------|----------------------|-------------|
| PLT TYP. Wave | QTY:1    |          | FL / - / 5 / - / - / R / - | Scale = .1875" / Ft. |             |
|               | TC LL    | 20.0 PSF | REF                        | R215 --              | 10599       |
|               | TC DL    | 10.0 PSF | DATE                       | 06/06/08             |             |
|               | BC DL    | 10.0 PSF | DRW                        | HCUSR215             | 08158012    |
|               | BC LL    | 0.0 PSF  | HC - ENG                   | WHK / WHK            | *           |
|               | TOT. LD. | 40.0 PSF | SEON -                     | 120483               |             |
| DUR. FAC.     |          |          | 1.25                       | FROM                 | CDM         |
| SPACING       |          |          | 24.0"                      | JREF -               | 1T15215_Z02 |



**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METAL (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITM BCG PLATES TO PLATE FACE OF ALL TRUSSES AND ALL TRUSSES SHALL BE DESIGNED TO WITHSTAND 2.0 TIMES THE DESIGN LOADS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY (2) TO POLITY SECTIONS AND (3) SHALL BE PERFORMED BY (4) TO POLITY SECTIONS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS CONTRACTOR'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0 278

(5500-D)al Residence /Plumb Level Construction -- , FL - A20)

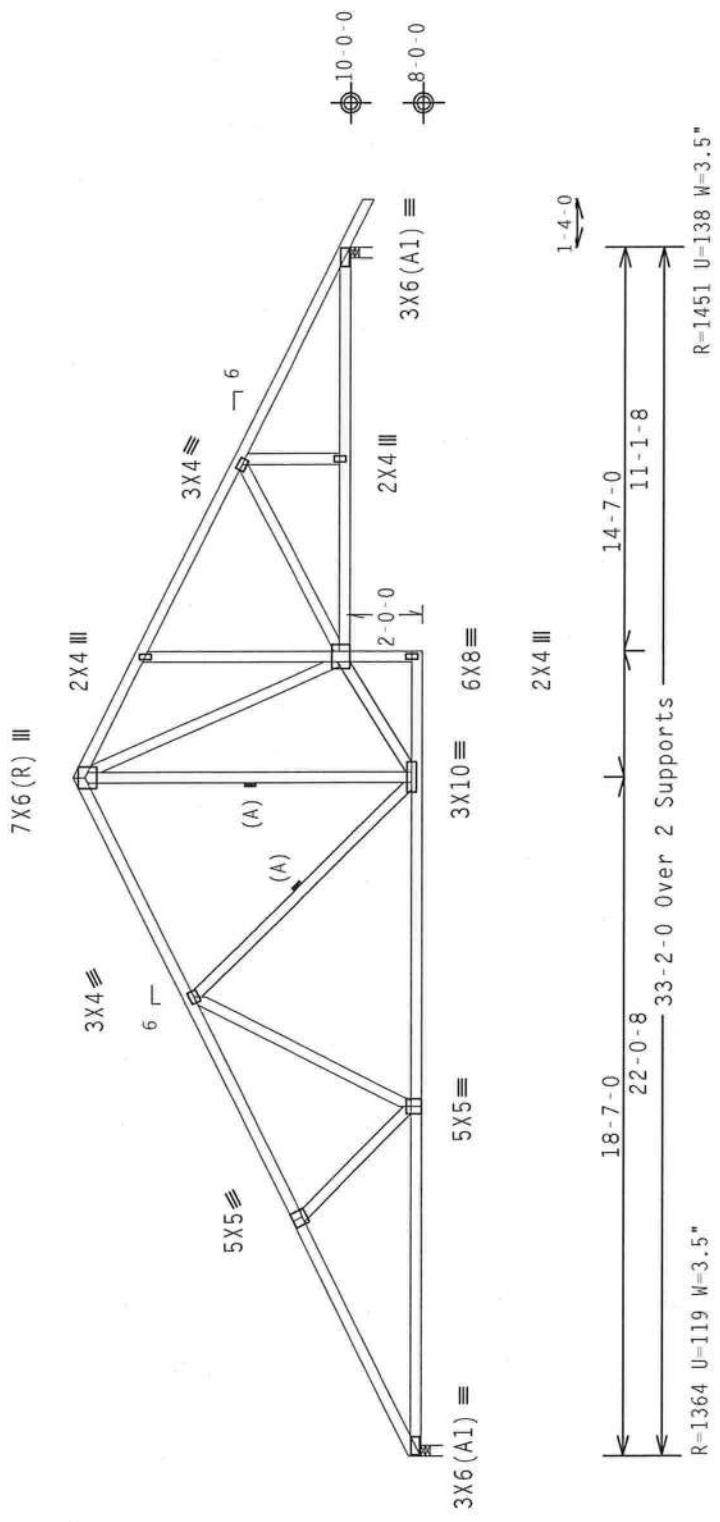
Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. lw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Wind reactions based on MWFRS pressures.  
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9'-7"-11".



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0)

7.38.0810

Scale = .1875"/Ft.

|          |          |                       |
|----------|----------|-----------------------|
| TC LL    | 20.0 PSF | REF R215-- 10600      |
| TC DL    | 10.0 PSF | DATE 06/06/08         |
| BC DL    | 10.0 PSF | DRW HCUSR215 08158013 |
| BC LL    | 0.0 PSF  | HC-ENG WHK/WHK *      |
| TOT.LD.  | 40.0 PSF | SEON- 120477          |
| DUR.FAC. | 1.25     | FROM CDM              |
| SPACING  | 24.0"    | JREF- 1T15215_Z02     |

Jun 06 08

**ALPINE**

ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0 278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PAI) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SS/PS) ASTM A653 GRADE 40/60 (4, K/PL/SS) GALV. STEEL. APPLY 80% MINIMUM COATING. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED BY TPI. TPI SHALL BE RESPONSIBLE FOR THE DESIGN. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(5500-Dyal Residence /Plumb Level Construction --, FL - A21)

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9'-7-11".

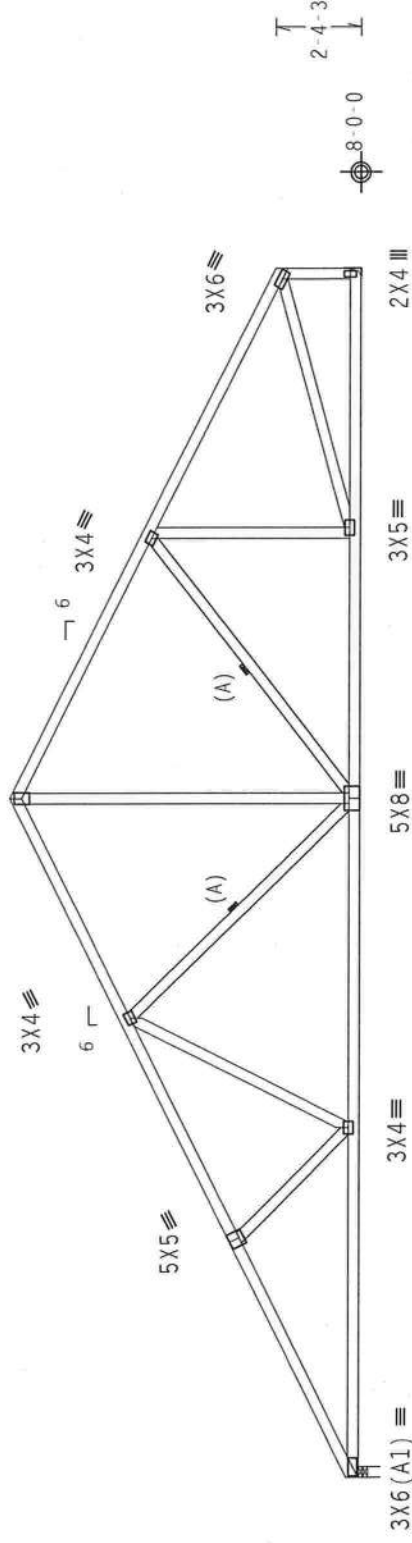
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.  $I_w=1.00$  GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

4X5(R) III



18-7-0  
33-2-0 Over 2 Supports  
14-7-0

R=1372 U=120 W=3.5"

R=1360 U=122 H=Simpson HUS26  
w/ (4) 10d Common, 0.148"x3.0" nails in Truss  
w/ (14) 10d Common, 0.148"x3.0" nails in Girder  
Girder is (2)2X6 min. So.Pine

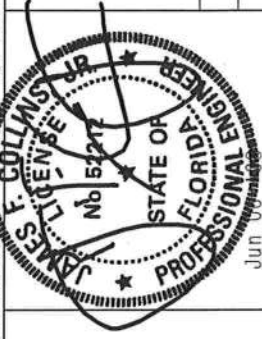
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0)

QTY:2 FL/-/5/-/-/R/- Scale = .1875"/Ft.

PLT TYP. Wave

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/SS/KS) ASTM A653 GRADE 40/60 (4, K/P,SS) GALV. STEEL. APPLY ANY AVAILABLE PROTECTIVE COATING TO ALL EXPOSED SURFACES. LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF TRUSS SHALL BE SOLELY FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY'S BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



|          |                   |
|----------|-------------------|
| TC LL    | 20.0 PSF          |
| TC DL    | 10.0 PSF          |
| BC DL    | 10.0 PSF          |
| BC LL    | 0.0 PSF           |
| TOT.LD.  | 40.0 PSF          |
| DUR.FAC. | 1.25              |
| SPACING  | 24.0"             |
| REF      | R215-- 10601      |
| DATE     | 06/06/08          |
| DRW      | HCUSR215 08158034 |
| HC-ENG   | WHK/WHK           |
| SEQN-    | 120465            |
| FROM     | CDM               |
| JREF-    | 1T15215_Z02       |

**ALPINE**

**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278

| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | Webs  | 2x4 | SP | #2 | N |

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

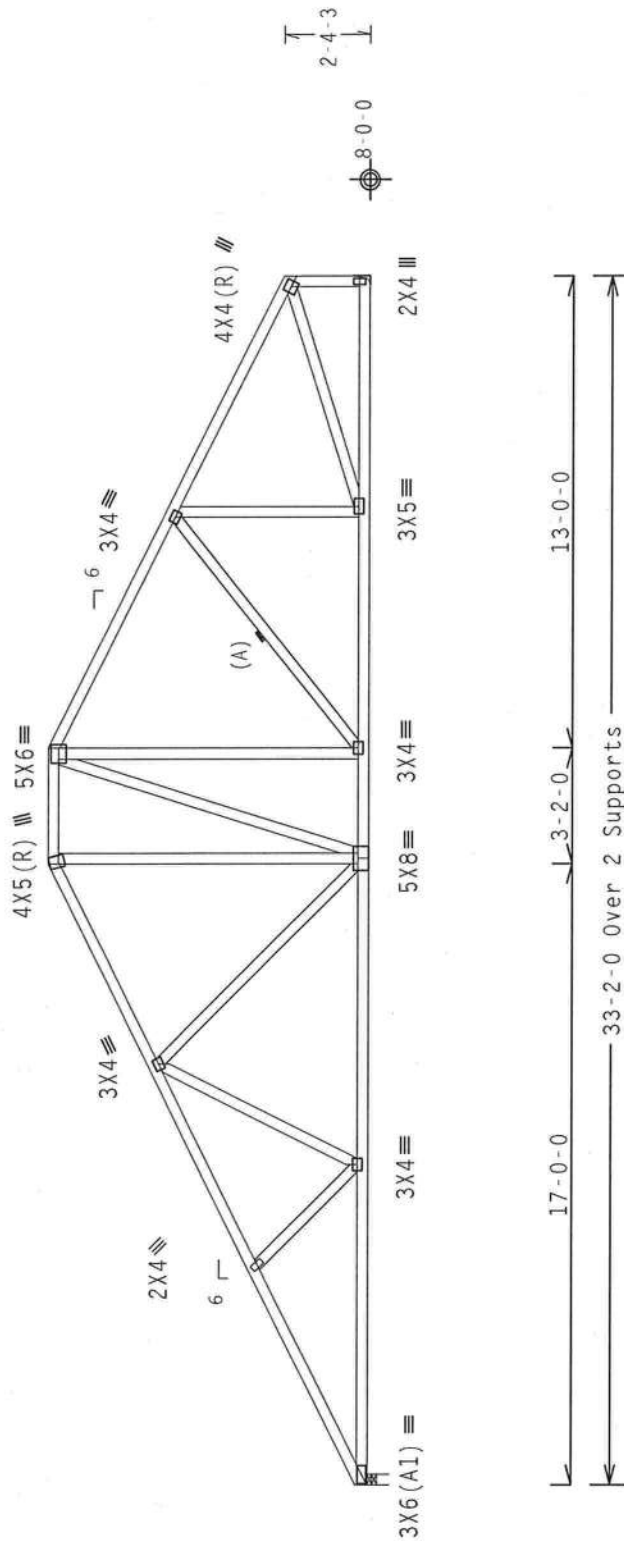
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-10-3.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5"min.) nails @ 6" OC.



R=1372 U=122 W=3.5"

R=1360 U=125 H=Simpson HUS26  
w/ (4) 10d Common, 0.148"x3.0" nails in Truss  
w/ (14) 10d Common, 0.148"x3.0" nails in Girder  
Girder is (2)2x6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC  
C<sub>g</sub>/RT=1.00(1.25)/

QTY:1 FL/-/5/-/-/R/-  
Scale =.1875"/Ft.

PLT TYP. Wave

**WARNING:** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. (SEE INSTRUCTIONS) MULTIPLE THUSSES MUST BE USED TO SUPPORT THE PLATING. THESE THUSSES ARE NOT TO BE USED ON NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WCA (WOOD THUSSES) COUNCIL AND APT. 1000 ENTERPRISE LANE, MADISON, WI 53719. IF THESE PRACTICES LEAD TO PERFORMING THESE THUSSES, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215--      | 10602    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158035 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120452      |          |
| DUR.FAC. | 1.25     | FROM   | CDM         |          |
| SPACING  | 24.0"    | JREF-  | 17I5215_Z02 |          |

| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

1110 mph wind. 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpi(+/-)=0.18

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

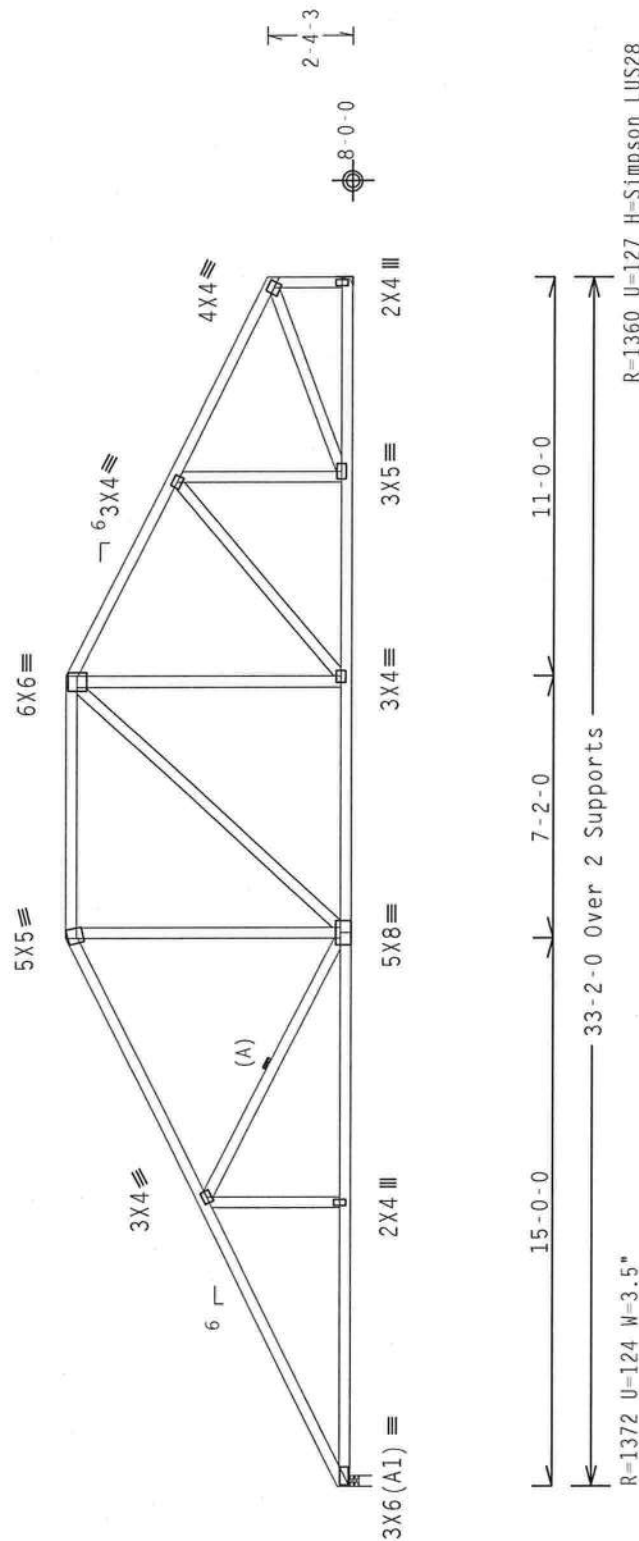
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 7-10-3.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5"min.) nails @ 6" OC.



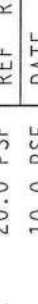
R=1372 U=124 W=3.5"

R=1360 U=127 H=Simpson LUS28  
w/ (4) 10d Common, 0.148"x3.0" nails in Truss  
w/ (6) 10d Common, 0.148"x3.0" nails in Girder  
Girder is (2)2X8 min. So.Pine

QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/

PLT TYP. Wave



**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITW (TRUSS PLATE INSTITUTE), 2318 WINTER TO BE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AISC (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WILMINGTON, DE 19381 (302) 471-5213 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

1. ON FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, THE FOLLOWING DISCREPANCIES SHALL BE CORRECTED IMMEDIATELY: (A) MISSING OR BROKEN MEMBER, (B) MISSING OR BROKEN CONNECTION PLATES ARE MADE OF 2024/T3AL69 (OR 4043/T3AL69) STEELS, (C) MISSING OR BROKEN STEEL TRUSS PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA A3 OF IPT1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | Webs  | 2x4 | SP | #2 | N |

11110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)0.18

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

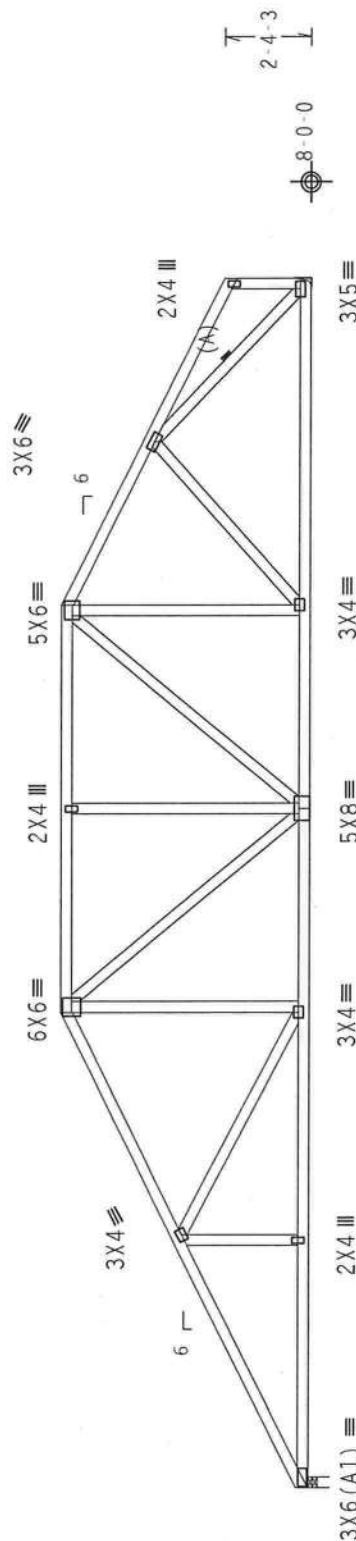
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-10-3.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5".min.) nails @ 6" OC.



R=1372 U=126 W=3.5"

R-1360 U=130 H-Simpson HUS26  
w/ (4) 10d Common, 0.148"x3.0" nails in Truss  
w/ (14) 10d Common, 0.148"x3.0" nails in Girder  
Girder is (2)2x6 min. So.Pine

QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$ 

Scale = .1875"/Ft.

OFF B215-- 10604

|          |      |
|----------|------|
| 60130130 | JIV  |
| 40001    | CTZN |

DATE 06/06/08

RW HCUSR215 08158037

IC-ENG WHK/WHK

EQN- 120588

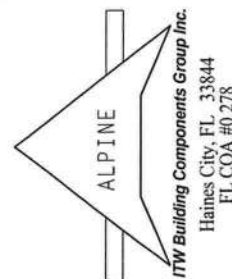
| ROM | CDM |
|-----|-----|
|-----|-----|

IPREF- 1TTE21E 702

**WARNING:**—TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL CENTER FOR CONSTRUCTION EDUCATION, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND NCCA (WOOD TRUSS COUNCIL OF AMERICA, 100 NEEPS LANE, SUITE 519, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*IMPORTANT\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR; ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO FABRICATE, HANDLE, SHIP, INSTALL OR BRACE THE TRUSSES.

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AISC) AND TPI. THE DESIGN CONNECTOR PLATES ARE MADE OF 20/18/166 (A 10/55/5) ASTM A653 GRADE 40/40 (A 10/55) GALV. STEEL, APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. THE RESPONSIBILITY OF THE DESIGNING ENGINEERING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANNEX A3 OF TPI 1 SEC. 2.





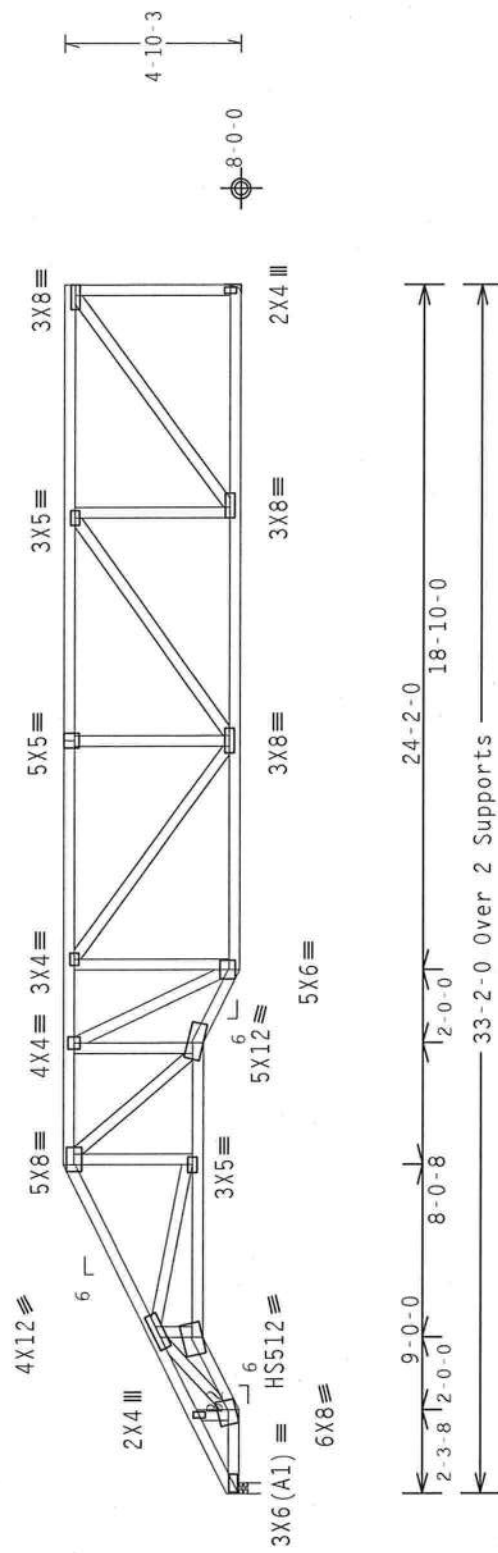
|           | Top chord | 2x4 | SP | #2 | N      |
|-----------|-----------|-----|----|----|--------|
| Bot chord | 2x4       | SP  | #2 | N  | :B2    |
| Webbs     | 2x4       | SP  | #2 | N  | Dense: |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Wind reactions based on MwFRS pressures.  
Right end vertical not exposed to wind pressure.  
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.



R-1379 U=121 W=3.5"

R=1362 U=146 H=Simpson HUS26  
w/ (4) 10d Common, 0.148"x3.0" nails in Truss  
w/ (14) 10d Common, 0.148"x3.0" nails in Girder  
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

|              |                         |                |              |                    |
|--------------|-------------------------|----------------|--------------|--------------------|
| PLT TYP.     | 20 Gauge HS.Wave        | QTY:1          | FL/-5/-/-/R/ | Scale = .1875"/Ft. |
| Design Crit: | IP1 2002 (SIU) /FBC     | 7.38-.0810-.03 |              |                    |
|              | Cq/RT=1.00 (1.25) /0(0) |                |              |                    |

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/55/K) ASTM A653 GRADE 40/60 (K/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX A3 OF TP11-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A951/TP1 1 SEC. 2.

|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10606    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158039 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120585      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215.202 |          |

ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0278



1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-10-3.

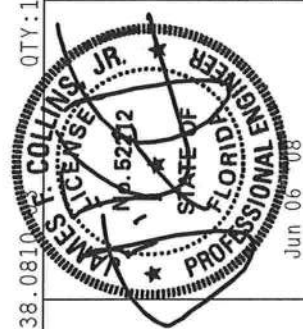


$\leftarrow 1-4-0 \rightarrow$   
 1-0-0 Over 3 Supports  
 R=210 U=40 W=3.5"

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/

Scale = .5"/Ft.

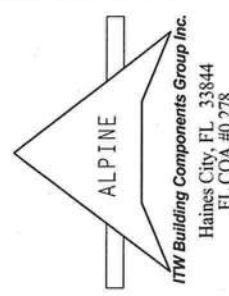
|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10608    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158041 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0  | PSF | SEON-  | 120235      |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |

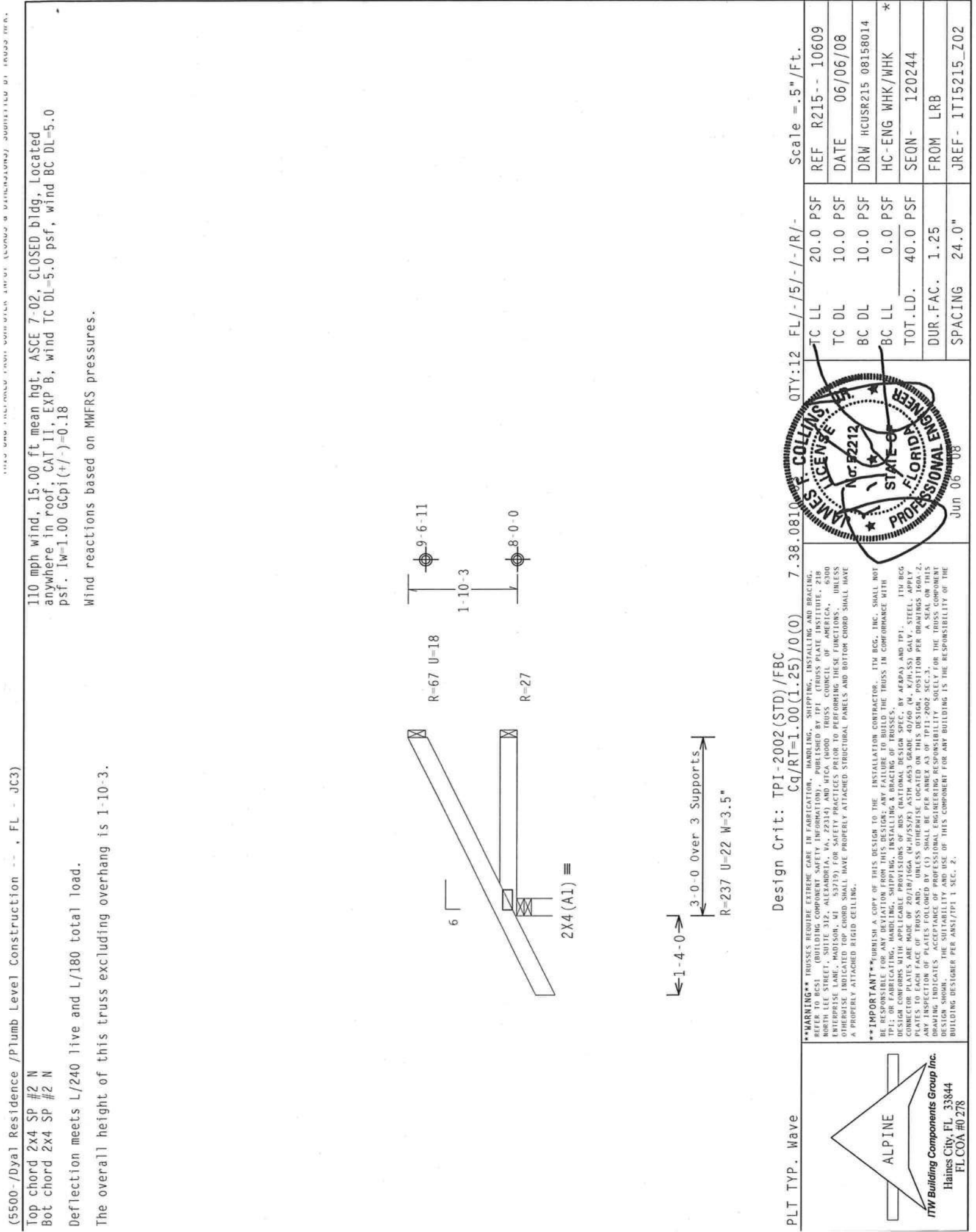


**\*WARNING\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO MCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND TRUSS COUNCIL OF AMERICA, 6300 CHERRY LAKE, MADISON, MI 48375, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*IMPORTANT\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEP/A) AND TPI. 1TW BCG CONNECTION PLATES ARE MADE OF 2018T136GA (H-H/SS/K) ASTM A653 GRADE 40/60 (H, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ASEP AX 4 OF TPI-1-2002 SEC.2, (2) SHALL BE PER ASEP AX 4 OF TPI-1-2002 SEC.2, (3) SHALL BE PER ASEP AX 4 OF TPI-1-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASEP/TPI SEC. 2.





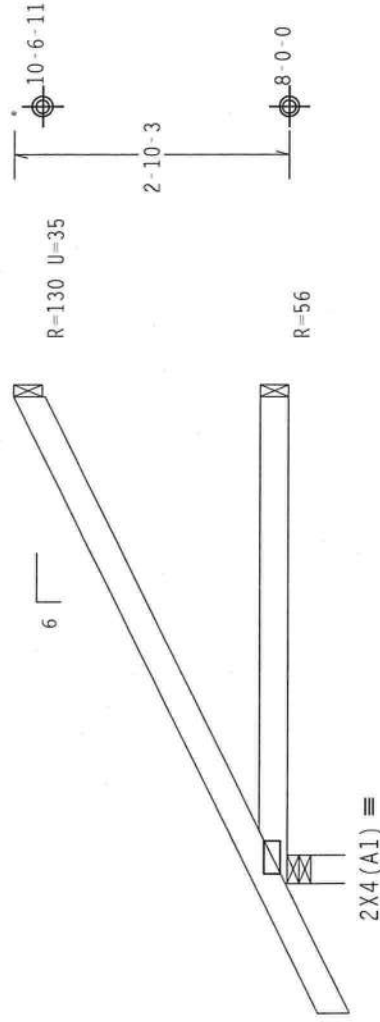
Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-10-3.



1-4-0

5-0-0 Over 3 Supports

R=309 U=21 W=3.5"

Design Crit: TPI-2002(STD)/FBC  
Ca/RT=1.00(1.25)/

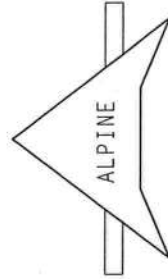
7.38.0810

QTY:12 FL/-/5/-/1/-/R/-/

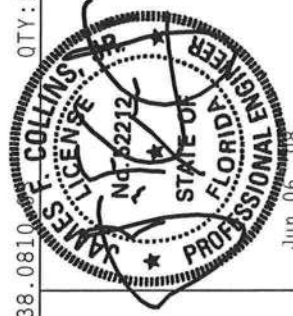
Scale = .5"/Ft.

**\*WARNING\*** CROSS'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. CROSS'S COMPANY (CROSS'S TRAFFIC CONTROL SYSTEMS, INC.) PUBLISHED BY TPI - CROSS PLATE INSTITUTE, 618 NORTH LAKE STREET, SUITE 102, AUSTIN, TEXAS 78701. IF YOU HAVE ANY COMMENTS, SUGGESTIONS, OR COMPLAINTS, PLEASE CONTACT CROSS'S COMPANY AT (512) 476-1111. IF YOU ARE A TRUCK DRIVER, PLEASE ADVISE THE TRUCKER OF THE PROPERLY ATTACHED CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CING.

**\*\*IMPORTANT\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH ITPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

[illegible]

**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278



Jun 06 08

|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--   | 10610    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 08158042 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK  |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120259   |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB      |          |
| SPACING  | 24.0" |     | JREF-  | 1TI5215  | Z02      |

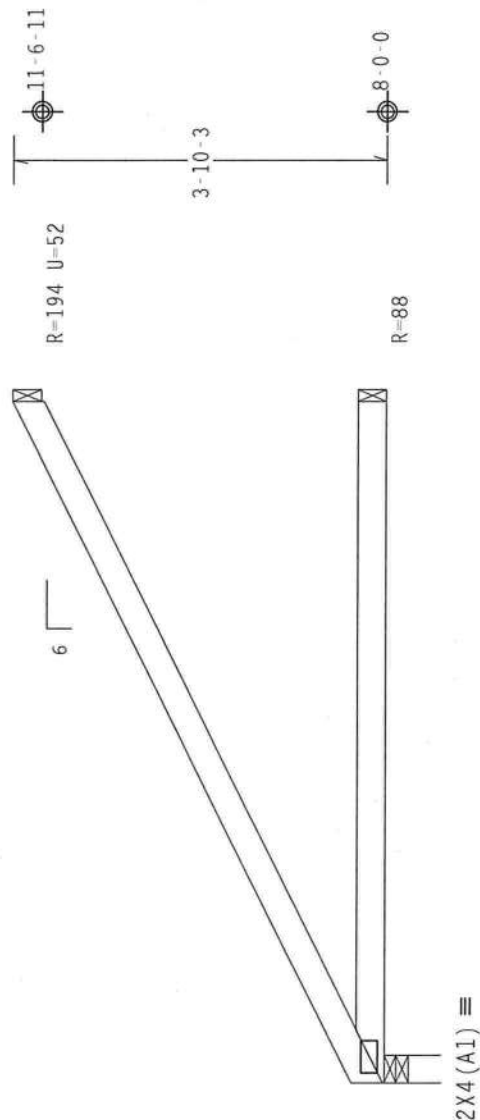
|     |       |     |    |    |   |
|-----|-------|-----|----|----|---|
| Top | chord | 2x4 | SP | #2 | N |
| Bot | chord | 2x4 | SP | #2 | N |

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-10-3.



7-0-0 Over 3 Supports —————  
R=294 U=3 W=3.5"

Design Crit: TPI-2002(STD)/FBC

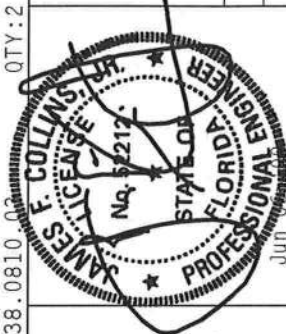
 $Cq/RT=1.00(1.25)/0(0)$ 

10.03

QTY: 2    FI 1-151-1-1R1-

Scale = 5"/ft

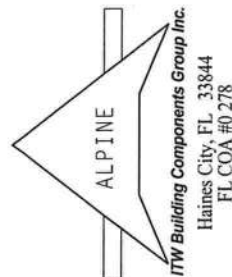
|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--   | 10611    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 08158043 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK  |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120271   |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM      |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215  | Z02      |



\*WARNING: TRUSSES REQUIRE EXTREME CARE IN ERECTION, SHIPPING, INSTALLING AND BRACING. SUBMIT TO BC51 QUALITY CONTROL COMPONENT SAFETY UNIT, 10000 THIRDS PLACE, INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ANTONIO, VA. 22031, AND HCCO, 10000 THIRDS PLACE, INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ANTONIO, VA. 22031, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH SECTION 11, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGNER'S COMMENTS:  
REVISIONS TO THE ABOVE PROJECTED DESIGN SPEC, BY ARPA) AND TP1.  
TP1 BCG  
ARPA) HAS REQUESTED THAT THE DESIGN BE MODIFIED (6' X 7/8" SS) GALV. STEEL, APPLY  
CONNECTION PLATES WITH MADE LABEL PROVISIONS OF TRUSS AND JOINTS WITH PER DRAGS 000-2.  
PLATES TO EACH FACE OF TRUSS AND JOINTS OTHER THAN TOP CHORDS.  
ANY INSPECTION OF PLATES FOLLOWED BY (F) SHALL BE PER ANNEX A3 OF TP1-2001-2 SEC. 3.3.3.  
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT  
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE  
DESIGNING DESIGNER PER ANSI/TPI 1 SEC. 2.



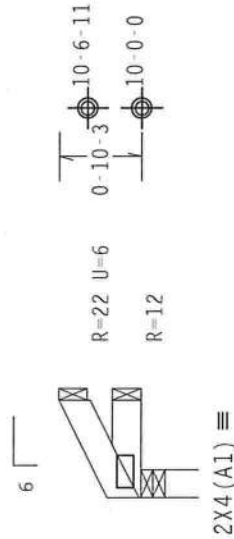
|           |     |    |      |
|-----------|-----|----|------|
| Top chord | 2x4 | SP | #2 N |
| Bot chord | 2x4 | SP | #2 N |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$  GPCI (+/-)=0.18

[illegible]

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-10-3.



1-0-0 Over 3 Supports

R=48 W=3 5"

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

QTY:1 FL/-/5/-/-/R/-/

Scale = 5" / Ft.

|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215 -      | 10612    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUR215     | 08158015 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     | *        |
| TOT.LD.  | 40.0  | PSF | SEQN - | 120571      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF - | 1T15215_Z02 |          |



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Haines City, FL 33844  
FL COA #0 278

**\*WARNING\*** FLOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. NOT TO BE USED WITHOUT PROPER TRAINING AND INFORMATION. (CROSS PLATE INSTITUTE, 210 NORTH LEE STREET, MADISON, WI 53703) AND/OR A GOOD RUSS CONDUCT OF AMERICA, 6300 INTERSTATE LINE, MADISON, WI 53719 FOR SALE OF THESE FLOSSES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\***TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH ANY APPLICABLE PROVISIONS REGARDING INSTALLATION AND LOADING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 2018/16GA K/AS/SP/ASTH A575M 45% GRADE 40/60 (A K/MS) GALV STEEL. APPLICATION PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX AS OF TP1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX/TP1 SEC. 2.



Jun

| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

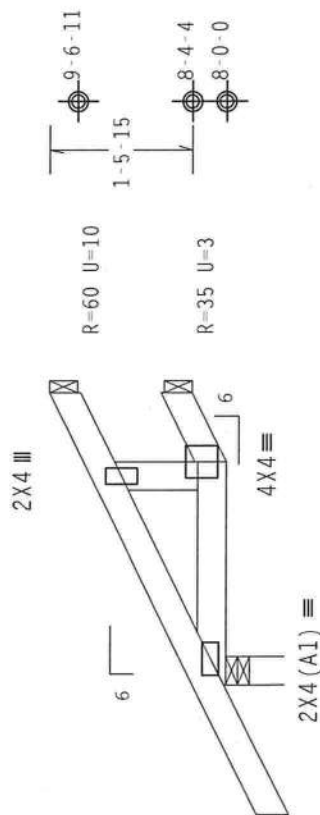
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 1-10-3.


$$\downarrow 1-4-0 \quad \uparrow$$

3-0-0<sup>2</sup>3-8<sup>3</sup> Support 8  
R=237 U=22 W=3.5"

Design Crit: TPI-2002(STD)/FBC

7.38.0810.0000 QTY:2 FL/-/5/-/-/R/- Scale = .5"/Ft.

QTY:2 FL/-/5/-/-/R/-

Scale = .5"/Ft.

|          |          |        |                   |
|----------|----------|--------|-------------------|
| TC LL    | 20.0 PSF | REF    | R215-- 10613      |
| TC DL    | 10.0 PSF | DATE   | 06/06/08          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215 08158016 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK           |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120385            |
| DUR.FAC. | 1.25     | FROM   | CDM               |
| SPACING  | 24.0"    | JREF-  | 1T15215 Z02       |

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES COLLINS" at the top and "PROFESSIONAL ENGINEER" at the bottom. Inside the ring, the words "STATE OF FLORIDA" are written in a semi-circle. The center of the seal features the text "LICENSE NO. 52222" and the date "Jun 06 '08". There are three stars around the inner text.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSC (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 278 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719), FOR TRUSS PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TRUSSES OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGN COMPLIES WITH AVAILABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC., BY AISC AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (94/MS/PS) ASTM A653 GRADE 40/60 (40-55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-1-2002 SEC.3. A SEAL OR THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

**ALPINE**

**ITTW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0278

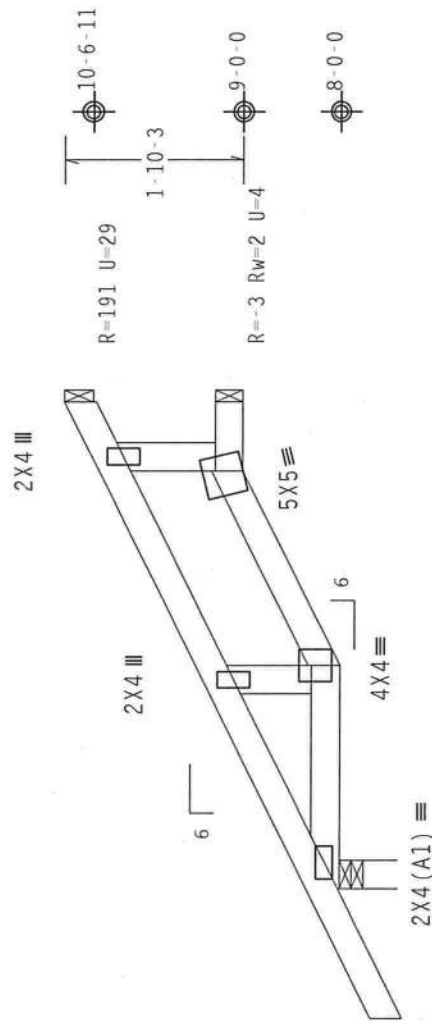
| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 gcpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-10-3.



1-4-0

2-3-8      2-0-0      0-8-8  
 5-0-0 Over 3 Supports  
 R=311 U=20 W=3.5"

Design Crit: TPI-2002(STD)/FBC

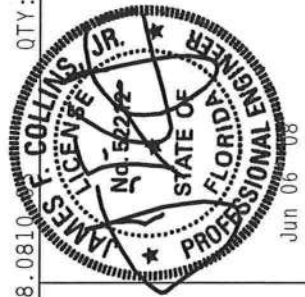
$$Cq/RT=1.00(1.25)/0(0)$$

310

QTY:2 FL/-15/-1-1R/-

Scale = 5" / Ft.

|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--   | 10614    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 08158017 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK  | *        |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120391   |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM      |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215  | Z02      |



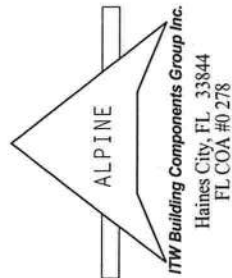
**\*WARNING\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS' BUILDING COMPONENT SAFETY INFORMATION FOR PROPER DETAILING AND BRACING PRACTICES. CROSS PLATE INSTITUTE, 5100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 OR (703) 689-8800.

NORTH LIFE STREET, HAUNSIM, MI 52479.

ALSO SEE BCS' BUILDING COMPONENT SAFETY INFORMATION FOR PROPER DETAILING AND BRACING PRACTICES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\***-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN, OR FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THESE REQUIREMENTS.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPECIFICATION) AND TP1. ITW BEG CONNECTOR PLATES ARE MADE OF 2018/16GA. Q & W/SPC ASTM A563 GRADE 40/60. C. K/H/SB GALV. STEEL - APPROX. 17% BCG PLATES TO EACH FACE OF TRUSS AND ANCHORAGE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 169A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMBX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBX/TP1 1 SEC. 2.



Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

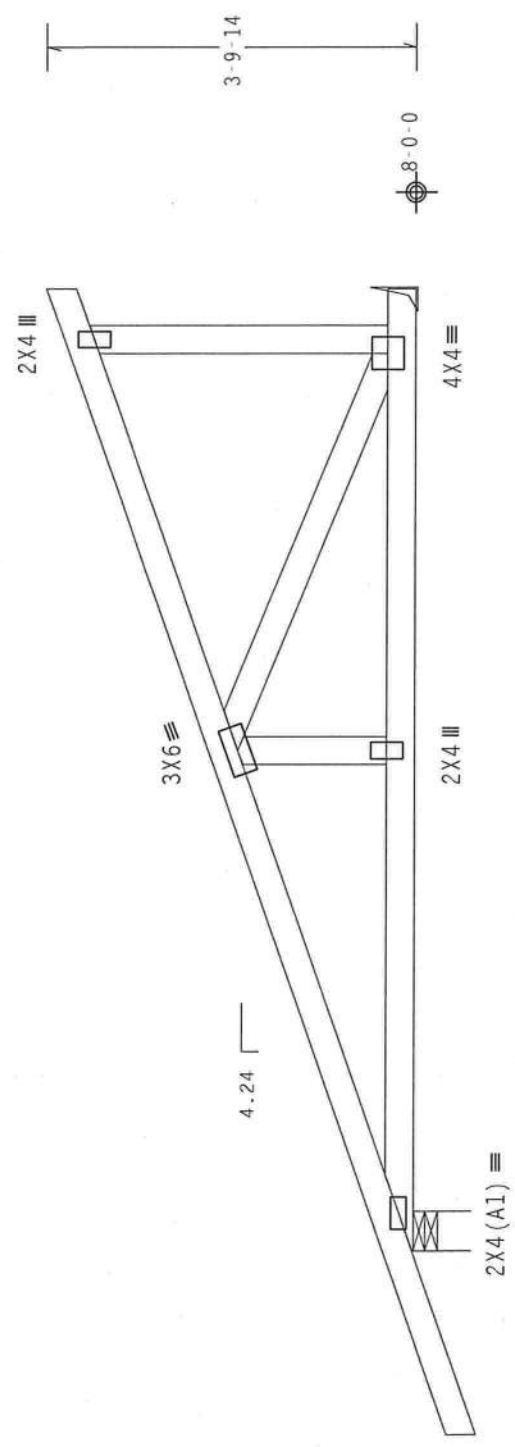
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

SPECIAL LOADS

- TC - From LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25
- BC - From 61 PLF at -1.89 to 61 PLF at 9.90
- TC - From 20 PLF at 0.00 to 20 PLF at 9.90
- TC - 70 LB Conc. Load at 1.48
- TC - 133 LB Conc. Load at 4.31
- TC - 260 LB Conc. Load at 7.13
- BC - 20 LB Conc. Load at 1.48
- BC - 54 LB Conc. Load at 4.31
- BC - 112 LB Conc. Load at 7.13

The overall height of this truss excluding overhang is 3-9-14.



9-10-13 Over 2 Supports  
R=717 U=105  
H=Simpson w/1 supporting member.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0)

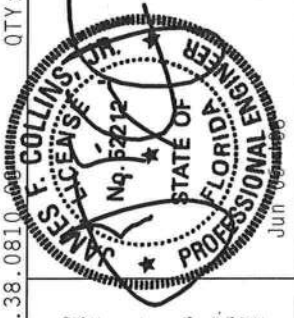
QTY: 4

FL/-/5/-/-/R/-

Scale = .5"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCGS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48371) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG PLATES TO PLATE FACE OF TRUSSES. 2018/1666 (4-11/25/18) ASH A663 GRADE 40/60 (4, 8/11/25) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANS/1-2002 SECTION PER DRAWING. 60012.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/1-2002 SEC. 2.



|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215--      | 10615    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158044 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEON-  | 120298      |          |
| DUR.FAC. | 1.25     | FROM   | LRB         |          |
| SPACING  | 24.0"    | JREF-  | 1T15215_Z02 |          |

**ALPINE**

**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0278

|     |       |     |    |    |   |
|-----|-------|-----|----|----|---|
| Top | chord | 2x4 | SP | #2 | N |
| Bot | chord | 2x4 | SP | #2 | N |

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

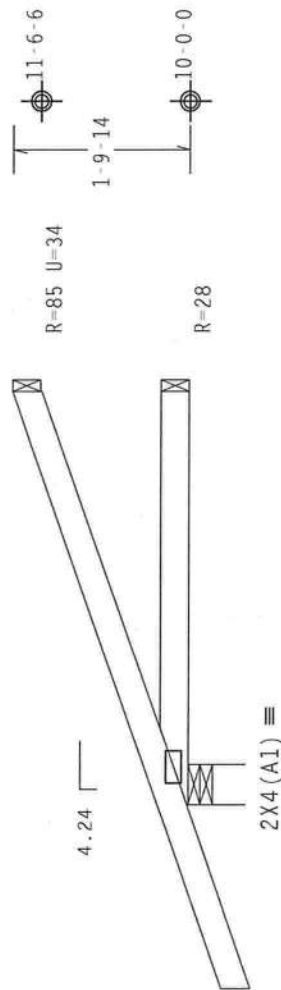
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-9-14.

## SPECIAL LOADS

| LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25 |                      |                |
|--------------------------------------------|----------------------|----------------|
| IC - From                                  | 61 PLF at -1.89 to   | 61 PLF at 4.24 |
| BC - From                                  | 20 PLF at 0.00 to    | 20 PLF at 4.24 |
| IC -                                       | -35 LB Conc. Load at | 1.48           |
| BC -                                       | -35 LB Conc. Load at | 1.48           |

Deflection meets L/240 live and L/180 total load.



→ 1 - 10 - 10 →

← 4-2-15 Over 3 Supports →

R=278 U=105 W=4.95"

Design Crit: TPI-2002(STD)/FBC

 $C_0/RT = 1.00(1.25)/0(0)$ 

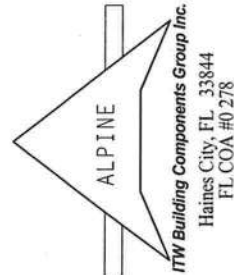
QTY:2 EL / - / 5 / - / - / R / -

Scale = .5"/Ft.

|          |       |     |        |          |          |
|----------|-------|-----|--------|----------|----------|
| TC LL    | 20.0  | PSF | REF    | R215 --  | 10616    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08 |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215 | 08158045 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK  |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120551   |          |
| DUR.FAC. | 1.25  |     | FROM   | LRB      |          |
| SPACING  | 24.0" |     | JREF-  | 17I5215  | Z02      |



Jun 06 '08



**ITW Building Components Group Inc.**  
Haines City, FL 33844  
FL COA #0 278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS' BUILDING CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2109 ENTERPRISE LANE, WAHOO, MO. 64085), AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 N. DEARBORN AVE., CHICAGO, IL 60610) FOR SAFE PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #5  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

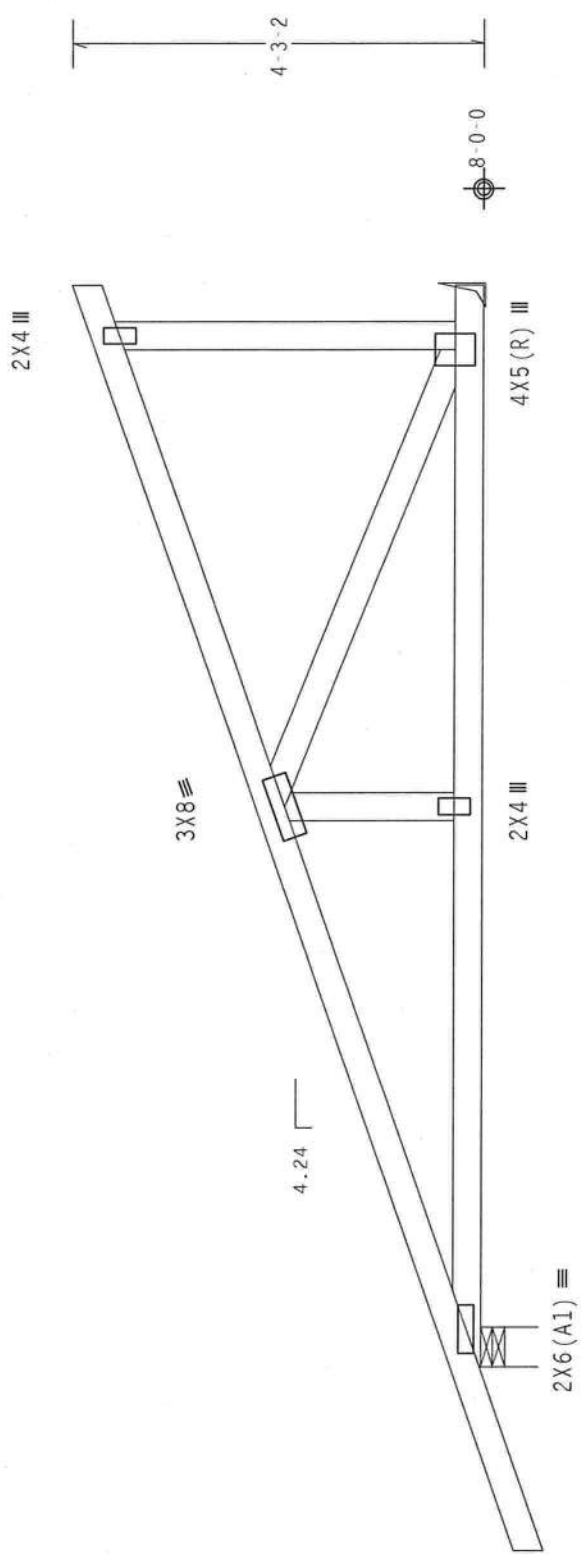
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-3-2.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 61 PLF at -1.89 to 61 PLF at 11.14  
BC - From 20 PLF at 0.00 to 20 PLF at 11.14  
TC - 70 LB Conc. Load at 1.48  
TC - 133 LB Conc. Load at 4.31  
TC - 260 LB Conc. Load at 7.13  
TC - 383 LB Conc. Load at 9.96  
BC - 20 LB Conc. Load at 1.48  
BC - 54 LB Conc. Load at 4.31  
BC - 112 LB Conc. Load at 7.13  
BC - 171 LB Conc. Load at 9.96



←-1-10-10-→  
R-817 U=211 W=4.95"  
R-1226 U=184  
H-Simpson w/1 supporting member.

Design Crit: TPI-2002(STD)/FBC

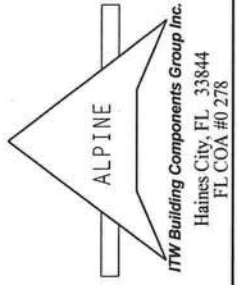
Cq/RT=1.00(1.25)/0(0)

QTY:2 FL/-/5/-/-/R/-

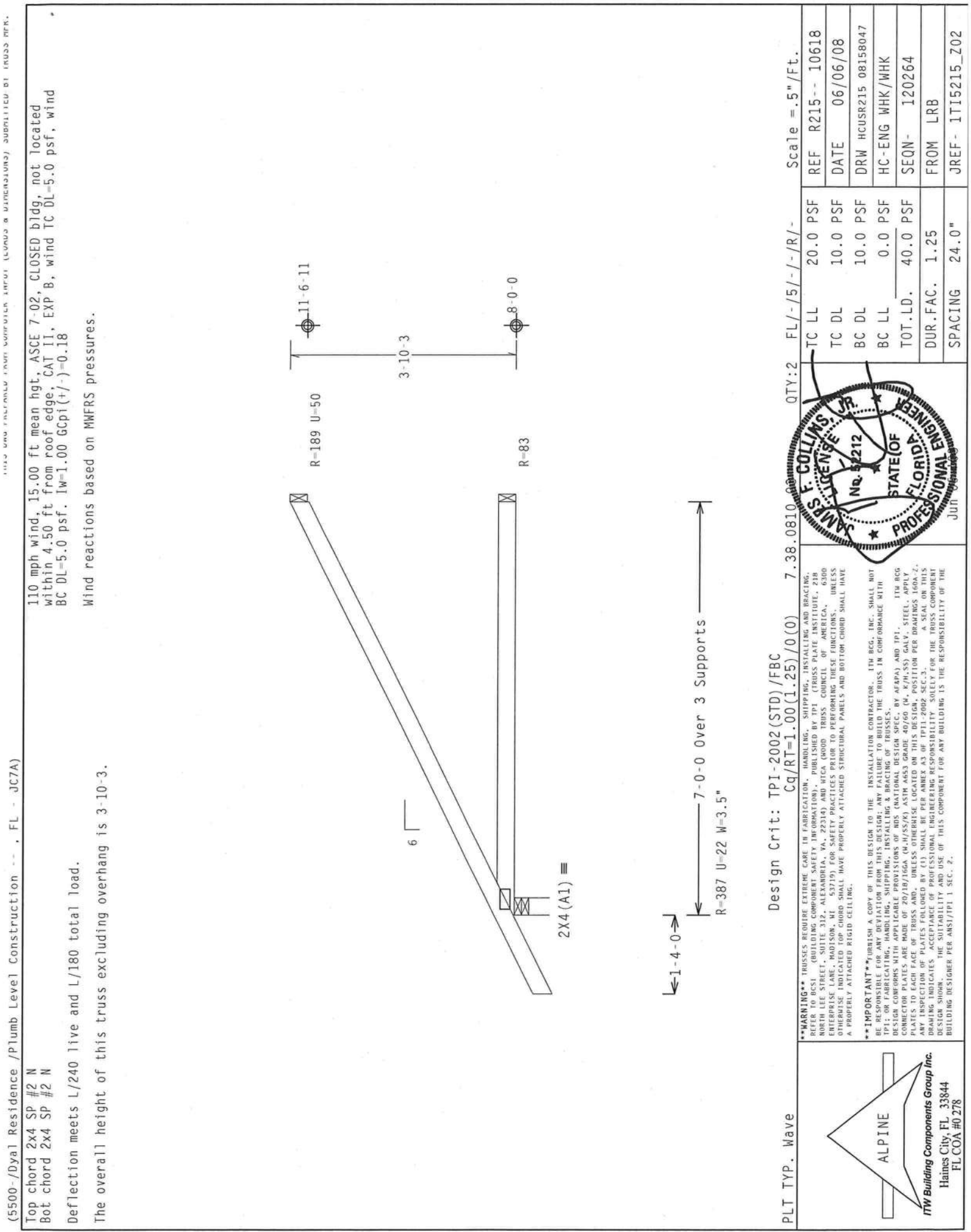
Scale =.5"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METAL HOOK TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA/PAJ) AND TPI. ITW BEG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. UNLESS OTHERWISE INDICATED, ALL TRUSS FABRICATOR SHALL FOLLOW THE TPI-2002(STD) A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING FOR THE TRUSS COMPONENT. DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215--      | 10617    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158046 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120576      |          |
| DUR.FAC. | 1.25     | FROM   | LRB         |          |
| SPACING  | 24.0"    | JREF-  | 1T15215_Z02 |          |



(5500-Dyal Residence /Plumb Level Construction -- , FL - JC7A)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

REF R215-- 10618

DATE 06/06/08

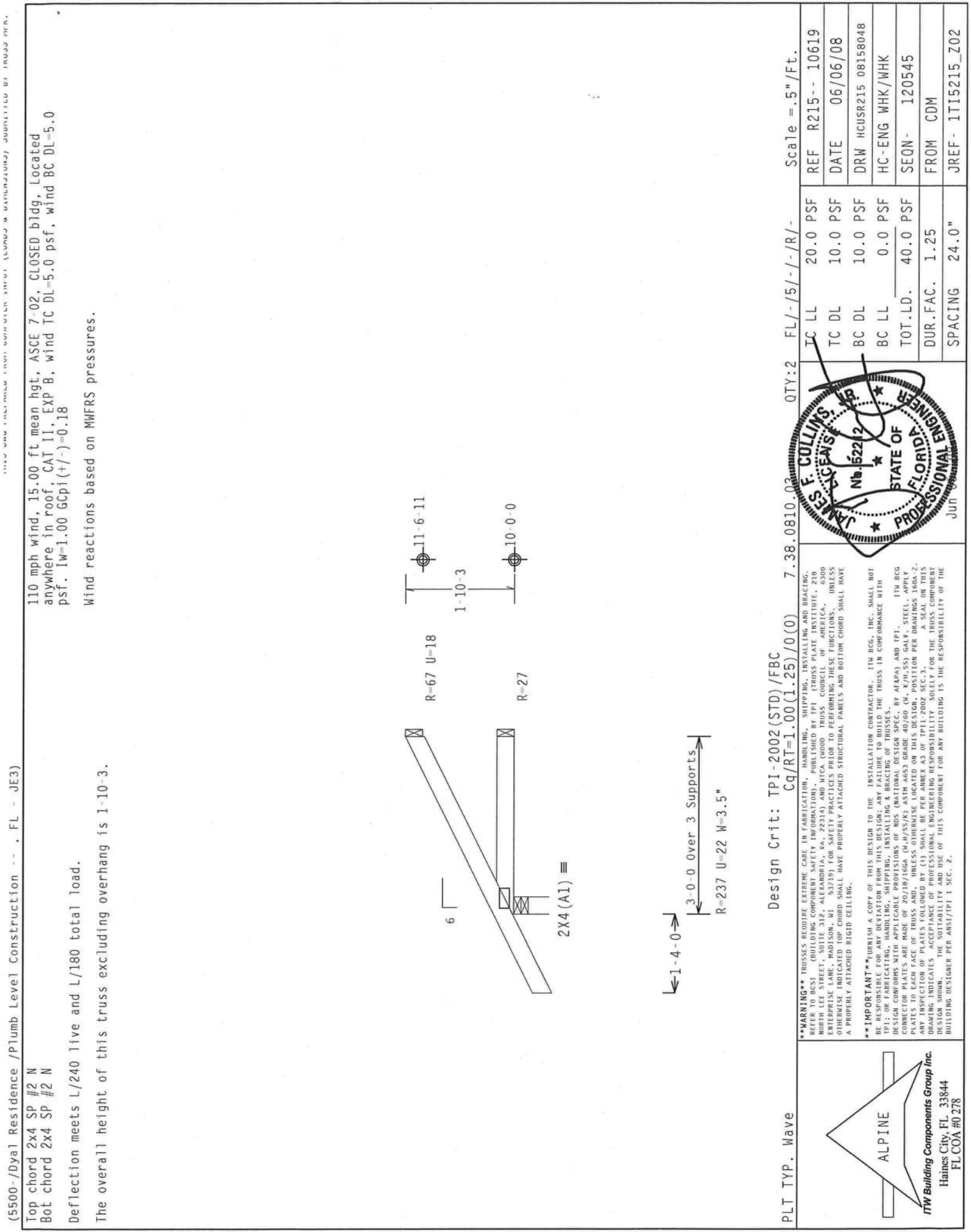
DRW HCUSR215 08158047

HC-ENG WHK/WHK

SEQN- 120264

FROM LRB

JREF- 1T15215\_Z02



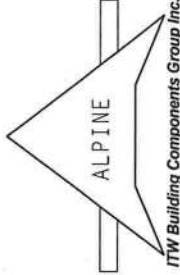
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OF ANY STRUCTURE WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

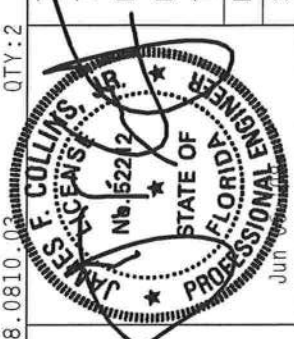
(5500-D)yal Residence /Plumb Level Construction -- , FL - JE3)

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Deflection meets L/240 live and L/180 total load.  
The overall height of this truss excluding overhang is 1-10-3.  
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi (+/-)=0.18  
Wind reactions based on MMFRS pressures.

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:2 FL/-/5/-/-/R/-

Scale = .5" / Ft.

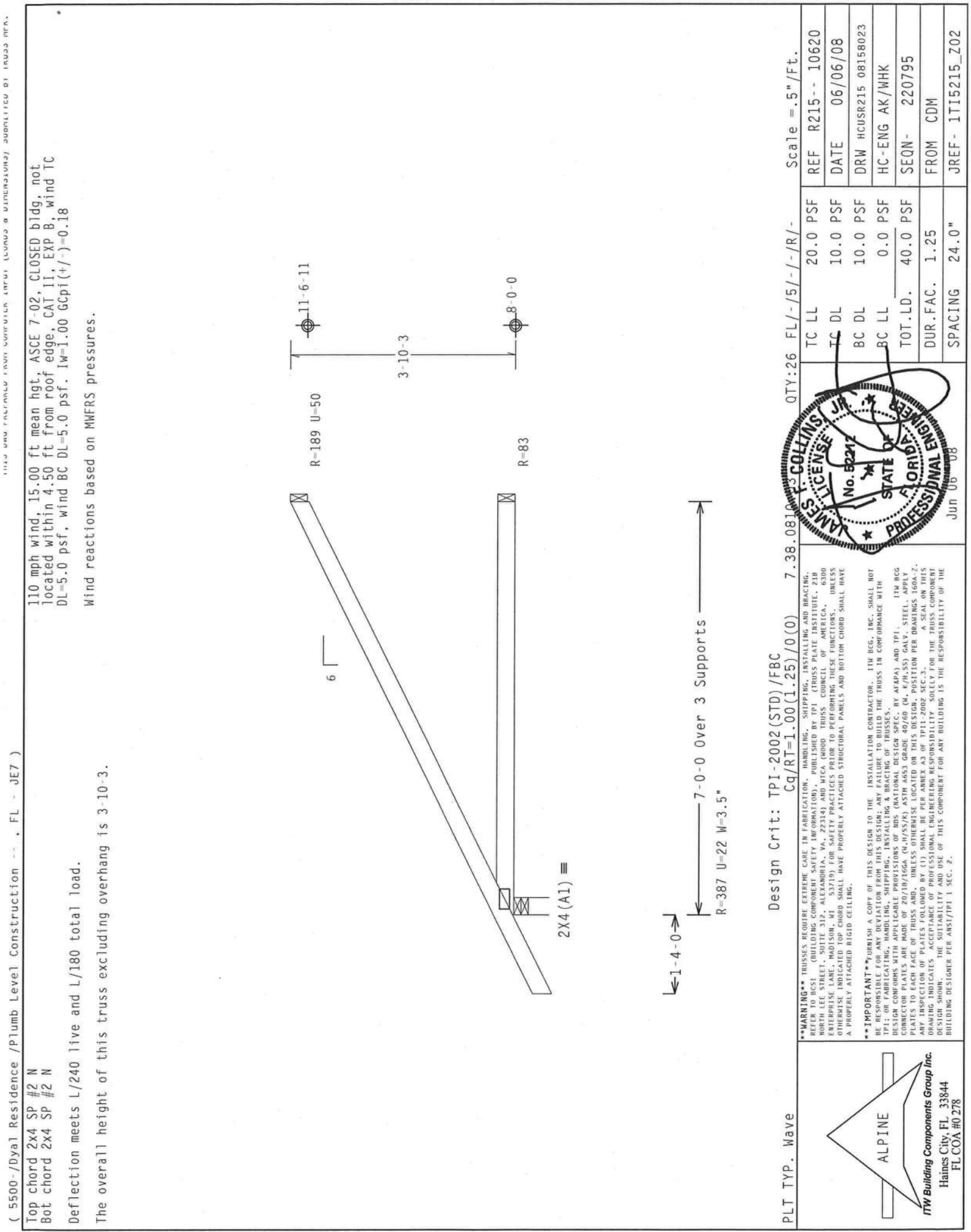
|                                                                                                                                                                      |                       |  |                   |  |          |  |                |  |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|-------------------|--|----------|--|----------------|--|-------------------|--|
| <br>ITW Building Components Group Inc.<br>Haines City, FL 33844<br>FL COA #0278 | PLT TYP. Wave         |  | TPI-2002(STD)/FBC |  | QTY:2    |  | FL/-/5/-/-/R/- |  | Scale = .5" / Ft. |  |
|                                                                                                                                                                      | REF R215-- 10619      |  | TC LL             |  | 20.0 PSF |  | TC DL          |  | 10.0 PSF          |  |
|                                                                                                                                                                      | DATE 06/06/08         |  | BC DL             |  | 10.0 PSF |  | BC LL          |  | 0.0 PSF           |  |
|                                                                                                                                                                      | DRW HCUSR215 08158048 |  | TOT.LD.           |  | 40.0 PSF |  | DUR.FAC.       |  | 1.25              |  |
|                                                                                                                                                                      | HC-ENG WHK/WHK        |  | SPACING           |  | 24.0"    |  | FROM CDM       |  | JREF- 1T15215_Z02 |  |
|                                                                                                                                                                      | SEQN- 120545          |  |                   |  |          |  |                |  |                   |  |



**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CORRELATOR PLATES ARE MADE OF 2010/10/10GA (4-H/55/K) ASH 6053 GRADE 40/60 (4, 8/21-55) GALV. STEEL. APPLY PROTECTIVE COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY THE INSTALLATION CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 10/23/2010 BY 60322 NER

( 5500-/Dyal Residence /Plumb Level Construction -- , FL - JE7 )

Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Deflection meets L/240 live and L/180 total load.  
The overall height of this truss excluding overhang is 3-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpf(+/-)=0.18  
Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:26 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE  
ITW Building Components Group Inc.  
Haines City, FL 33844  
FL COA #0278

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ITN BCG PLATES FOR PLATES ARE INDICATED BY 20/10/10GA (4-H/55/S) ASTM A653 GRADE 40/60 (4, 4/H/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI. UNLESS OTHERWISE INDICATED, THE DESIGN, POSITION PER DRAWINGS 100A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

|        |             |          |
|--------|-------------|----------|
| REF    | R215--      | 10620    |
| DATE   | 06/06/08    |          |
| DRW    | HCUSR215    | 08158023 |
| HC-ENG | AK/WHK      |          |
| SEQN   | 220795      |          |
| FROM   | CDM         |          |
| JREF   | 1T15215_Z02 |          |

| Top | chord | 2x4 | SP | #2 | N |
|-----|-------|-----|----|----|---|
| Bot | chord | 2x4 | SP | #2 | N |
|     | webs  | 2x4 | SP | #2 | N |

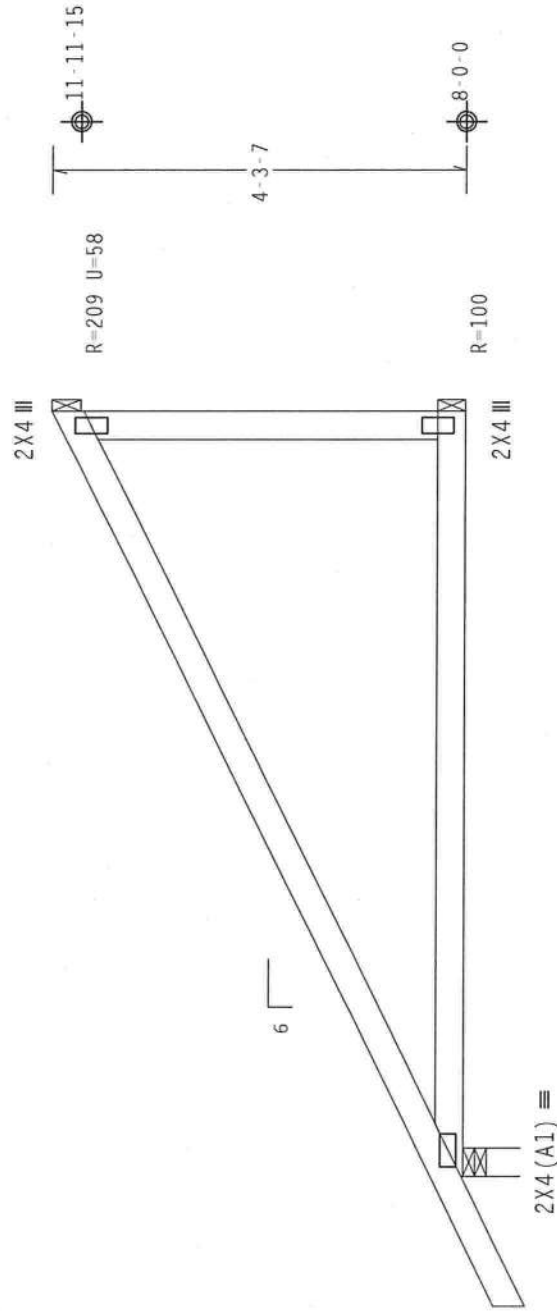
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-3-7.

Right end vertical not exposed to wind pressure.



7-4-17

7-10-8 Over 3 Supports

R=422 U=23 W=3.5"

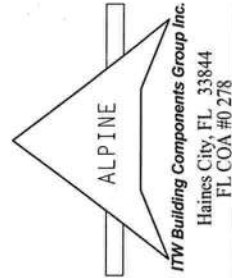
Design Crit: TPI-2002(STD)/FBC

QTY:9 FL/-/5/-/-/R/-/  
Scale = .5"/Ft.

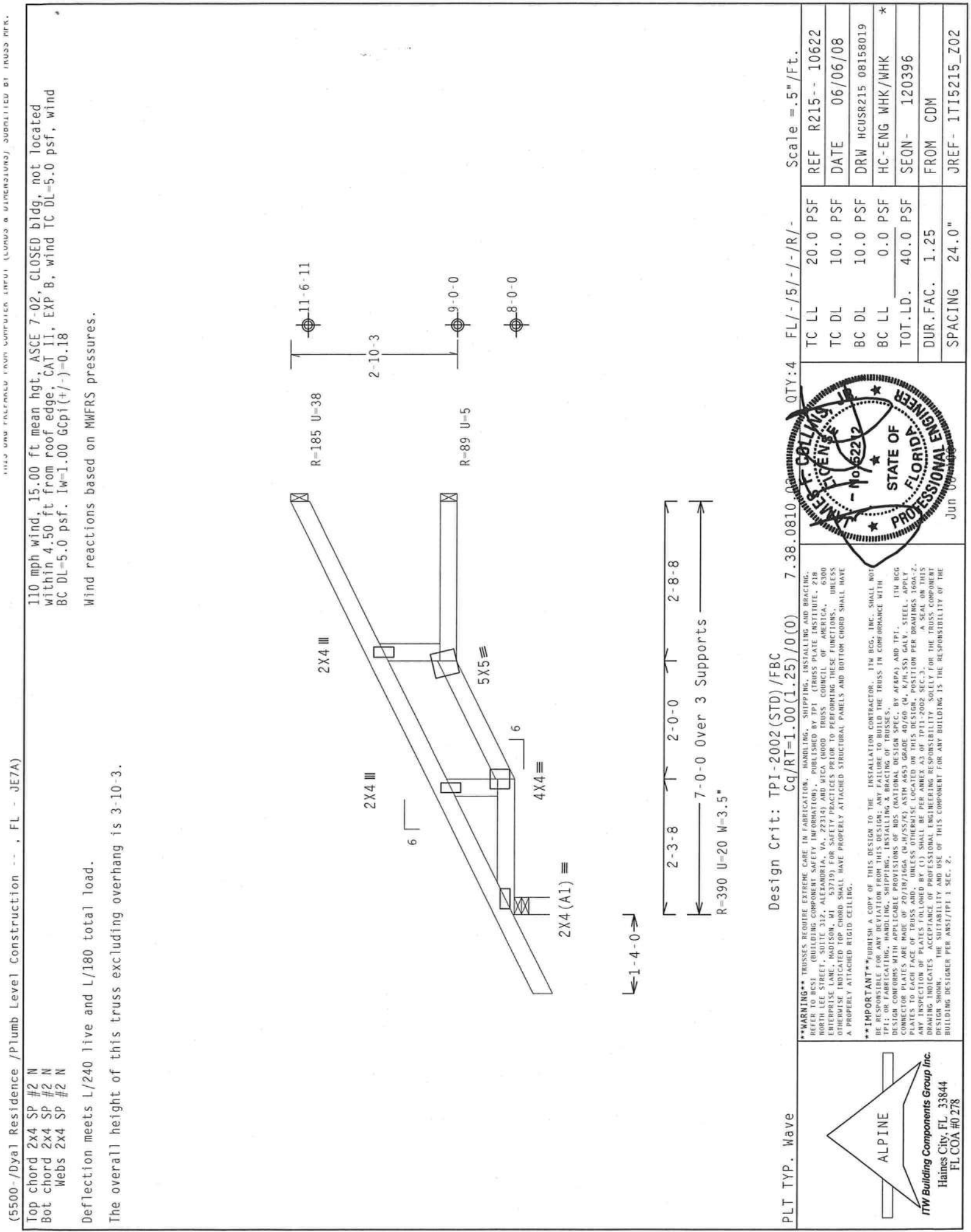
PLT TYP. Wave

**\*WARNING\*** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALWAYS USE PROPER LIFTING TECHNIQUES. PUBLISHED BY THE CROSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, MA 02231. FAX 617-557-0919. FOR SPECIALTY THUSSES, CONTACT ENTERPRISE LANE, WA01501, MA 01570. ALWAYS FOLLOW THE MANUFACTURER'S INSTRUCTIONS. IF ANOTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

\* \* \* IMPORTANT \* \* \* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BEG, INC., SMALL, ILL. BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. BY AFAPA) AND TPT). ITW BEG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND STEEL EDITION 1989. ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX A.3 OF TPI-2002 SEC.2-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS COMPERT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ACNP/TPI 1 SEC. 2.



|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R215--      | 10621    |
| TC DL    | 10.0  | PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR215    | 08158018 |
| BC LL    | 0.0   | PSF | HC-ENG | WHK/WHK     | *        |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 120277      |          |
| DUR.FAC. | 1.25  |     | FROM   | CDM         |          |
| SPACING  | 24.0" |     | JREF-  | 1T15215_Z02 |          |



Top chord 2x4 SP #2 N  
Bot chord 2x4 SP #2 N  
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located  
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind  
BC DL=5.0 psf.  $I_w=1.00$   $G_{Cpi}(+/-)=0.18$

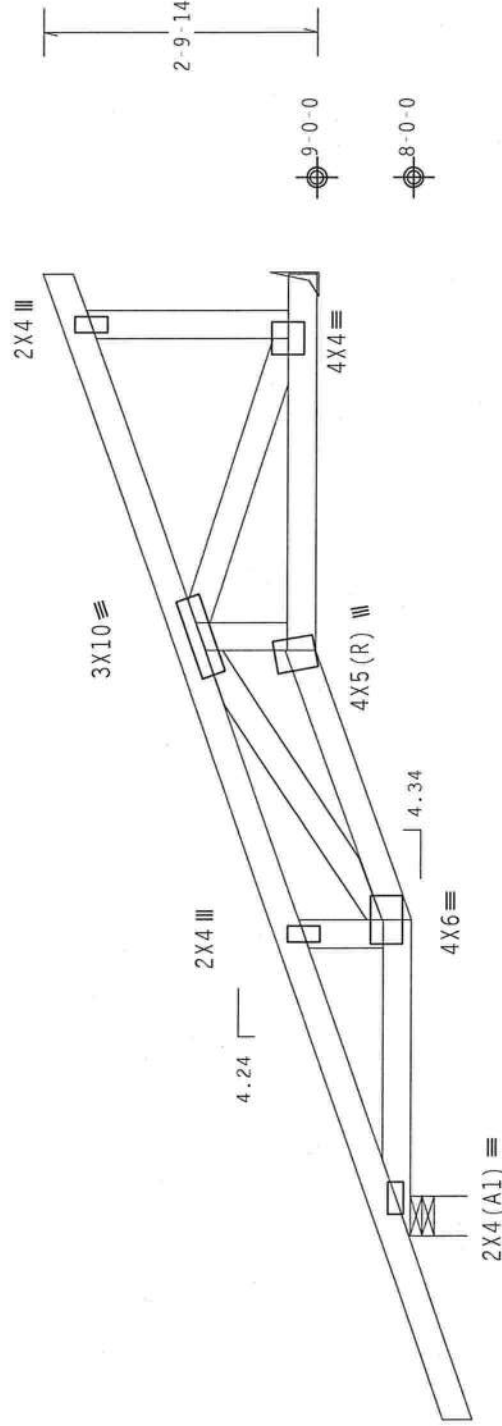
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 61 PLF at -1.89 to 61 PLF at 9.90  
BC - From 20 PLF at 0.00 to 20 PLF at 3.24  
BC - From 21 PLF at 3.24 to 21 PLF at 6.01  
BC - From 20 PLF at 6.01 to 20 PLF at 9.90  
PLT - 120 LB Conc. Load at (4.31,9.80)  
PLT - 383 LB Conc. Load at (7.13,10.80)  
PLB - 71 LB Conc. Load at (4.31,8.43)  
PLB - -5 LB Conc. Load at (7.13,9.04)

The overall height of this truss excluding overhang is 3-9-14.



← 1-10-10 →

3-2-14      2-9-3      3-10-11  
9-10-13 Over 2 Supports

R=754 U=116 W=4.95"

R=736 U=97  
H-Simpson w/ supporting member.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cg/RT=1.00(1.25)/0(0)

7.38.0810

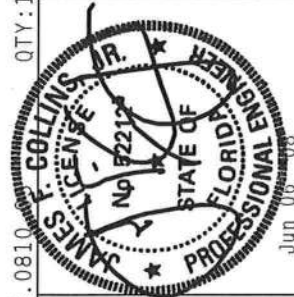
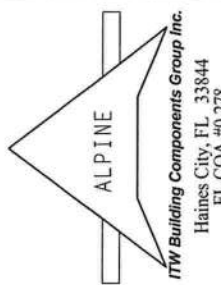
QTY:1

FL/-/5/-/-/R/-

Scale =.5"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PAP) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (0.0155/0.0118/0.0094) ASTM A653 GRADE 40/50 (40, 42/50) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOR CRACKS, BULGES, OR OTHER DEFECTS. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



|          |          |        |             |          |
|----------|----------|--------|-------------|----------|
| TC LL    | 20.0 PSF | REF    | R215--      | 10623    |
| TC DL    | 10.0 PSF | DATE   | 06/06/08    |          |
| BC DL    | 10.0 PSF | DRW    | HCUSR215    | 08158049 |
| BC LL    | 0.0 PSF  | HC-ENG | WHK/WHK     |          |
| TOT.LD.  | 40.0 PSF | SEQN-  | 120402      |          |
| DUR.FAC. | 1.25     | FROM   | CDM         |          |
| SPACING  | 24.0"    | JREF-  | 1T15215_Z02 |          |

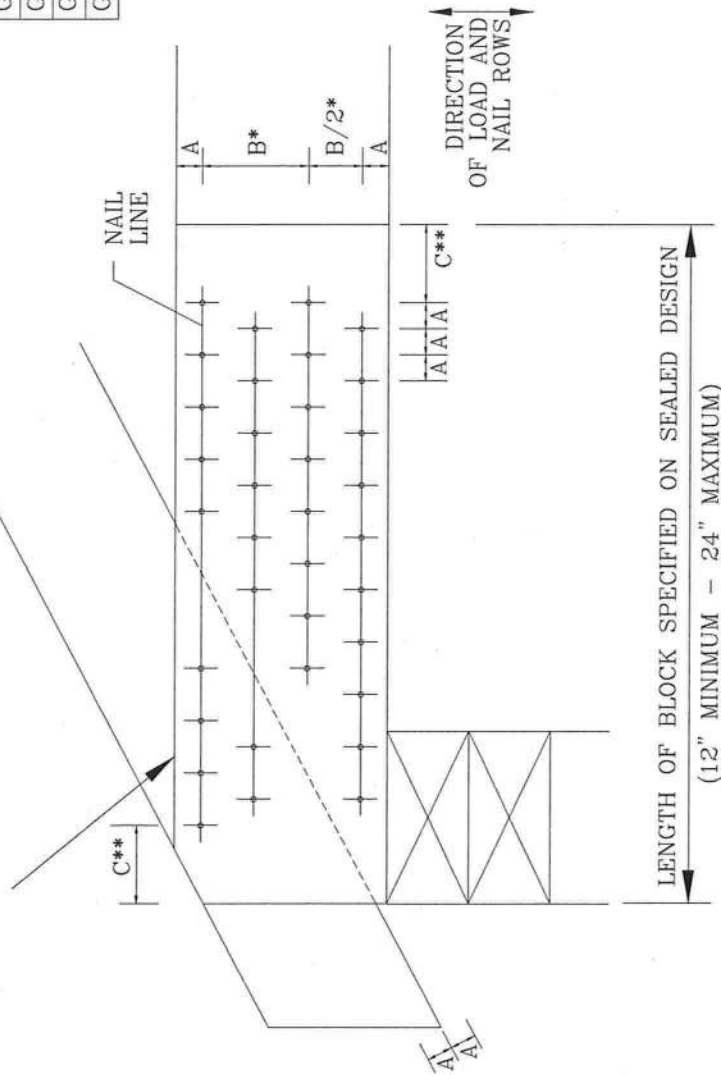
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)  
B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)  
C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

- SPACING MAY BE REDUCED BY 50%
- SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES. PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



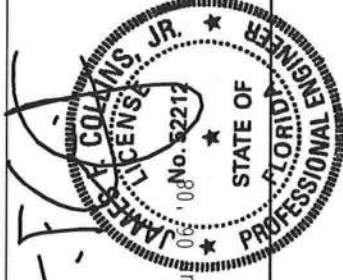
| NAIL TYPE                      | CHORD SIZE |     |     |      |      |
|--------------------------------|------------|-----|-----|------|------|
|                                | 2X4        | 2X6 | 2X8 | 2X10 | 2X12 |
| 8d BOX (0.113"X 2.5",MIN)      | 3          | 6   | 9   | 12   | 15   |
| 10d BOX (0.128"X 3",MIN)       | 3          | 5   | 7   | 10   | 12   |
| 12d BOX (0.128"X 3.25",MIN)    | 3          | 5   | 7   | 10   | 12   |
| 16d BOX (0.135"X 3.5",MIN)     | 3          | 5   | 7   | 10   | 12   |
| 20d BOX (0.148"X 4",MIN)       | 2          | 4   | 5   | 6    | 8    |
| 8d COMMON (0.131"X 2.5",MIN)   | 3          | 5   | 7   | 10   | 12   |
| 10d COMMON (0.148"X 3",MIN)    | 2          | 4   | 6   | 8    | 10   |
| 12d COMMON (0.148"X 3.25",MIN) | 2          | 4   | 6   | 8    | 10   |
| 16d COMMON (0.162"X 3.5",MIN)  | 2          | 4   | 6   | 8    | 10   |
| GUN (0.120"X 2.5",MIN)         | 3          | 6   | 8   | 11   | 14   |
| GUN (0.131"X 2.5",MIN)         | 3          | 5   | 7   | 10   | 12   |
| GUN (0.120"X 3",MIN)           | 3          | 6   | 8   | 11   | 14   |
| GUN (0.131"X 3",MIN)           | 3          | 5   | 7   | 10   | 12   |

### MINIMUM NAIL SPACING DISTANCES

| NAIL TYPE                      | DISTANCES |        |        |
|--------------------------------|-----------|--------|--------|
|                                | A         | B*     | C**    |
| 8d BOX (0.113"X 2.5",MIN)      | 3/4"      | 1 3/8" | 1 3/4" |
| 10d BOX (0.128"X 3",MIN)       | 7/8"      | 1 5/8" | 2"     |
| 12d BOX (0.128"X 3.25",MIN)    | 7/8"      | 1 5/8" | 2"     |
| 16d BOX (0.135"X 3.5",MIN)     | 7/8"      | 1 5/8" | 2 1/8" |
| 20d BOX (0.148"X 4",MIN)       | 1"        | 1 7/8" | 2 1/4" |
| 8d COMMON (0.131"X 2.5",MIN)   | 7/8"      | 1 5/8" | 2"     |
| 10d COMMON (0.148"X 3",MIN)    | 1"        | 1 7/8" | 2 1/4" |
| 12d COMMON (0.148"X 3.25",MIN) | 1"        | 1 7/8" | 2 1/4" |
| 16d COMMON (0.162"X 3.5",MIN)  | 1'        | 2"     | 2 1/2" |
| GUN (0.120"X 2.5",MIN)         | 3/4"      | 1 1/2" | 1 7/8" |
| GUN (0.131"X 2.5",MIN)         | 7/8"      | 1 5/8" | 2"     |
| GUN (0.120"X 3",MIN)           | 3/4"      | 1 1/2" | 1 7/8" |
| GUN (0.131"X 3",MIN)           | 7/8"      | 1 5/8" | 2"     |

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

|      |               |
|------|---------------|
| REF  | BEARING BLOCK |
| DATE | 2/23/07       |
| DRWG | CNBRGBLK0207  |
| -ENG | SJP/KAR       |



\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPANY SPECIFICATIONS. THE TRUSS PLANT OF THE TRUSS MANUFACTURERS ASSOCIATION, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304 AND VTCAMBERD TRUSS COMPANY, 6300 NORTHEAST LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

ITW BUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

# 27137

**OWNER IMPACT FEE OCCUPANCY AFFIDAVIT**

**STATE OF FLORIDA  
COUNTY OF COLUMBIA**

**BEFORE ME**, the undersigned authority, personally appeared \_\_\_\_\_  
("Owner"), who, after being duly sworn, deposes and says:

1. Except as otherwise stated herein, Affiant has personal knowledge of the facts and matters set forth in this affidavit.
2. Affiant is the owner of the following described real property located in Columbia County, Florida. (herein "the property"):
  - (a) Parcel No.: 36-45-15-00414-101-14X
  - (b) Legal description (may be attached): \_\_\_\_\_  
\_\_\_\_\_
3. Affiant has or will apply to the Columbia County Building Department for a building permit for the replacement of a building or dwelling unit on the property where no additional square footage or dwelling units will be created and will be located on the same property.
4. Either based upon Affiant's personal knowledge or the attached signed written statement of another person, a certificate of occupancy has been issued for the replacement building or dwelling on the property within seven (7) years of the date the previous building or dwelling unit was previously occupied. The building or dwelling unit was last occupied on Current.
5. This affidavit is given for the purpose of obtaining an exemption pursuant to Article VIII, Section 8.01, Columbia County Comprehensive Impact Fee Ordinance No. 2007-40, adopted October 18, 2007, as may be amended.

Further Affiant sayeth naught.

Paul D. Dyal, Sue Allison Dyal

Print: Paul G Dyal, Sue Allison Dyal

Address: 336 SW Paul Allison Ct.

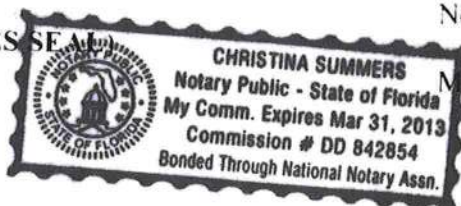
Lake City FL 32024

P.O. Box 322  
Lake City FL 32056

**SWORN TO AND SUBSCRIBED** before me this 17 day of February, 2008, by  
Paul & Allison Dyal who is personally known to me or who has produced  
\_\_\_\_\_ as identification.

Christina Summers  
Notary Public, State of Florida

(NOTARIES SEAL)



My Commission Expires: 03-31-13

# COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

## 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 36-4S-15-00414-101

Building permit No. 000027137

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder KEVIN BEDENBAUGH

Waste:

Owner of Building PAUL & ALLISON DYAL

Total: 0.00

Location: 336 SW PAUL ALLISON CT., LAKE CITY, FL

Date: 02/16/2009

*Harry Dicks*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



## Notice of Treatment

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

Address: 536 SE Bay Dr

City: Lake City Phone: 752-1703

Site Location: Subdivision \_\_\_\_\_

Lot # \_\_\_\_\_ Block # \_\_\_\_\_ Permit # 27137

Address: 336 SW Paul Allison Ct L.C.

### 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 |
|--------------------------|-------------|-------------|-----------------|
| <u>Main Body/Porches</u> | <u>2600</u> | <u>214</u>  | <u>200</u>      |
| <u>GARAGE</u>            | _____       | _____       | _____           |
| _____                    | _____       | _____       | _____           |
| _____                    | _____       | _____       | _____           |

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 \_\_\_\_\_

7/23/08 8:00 Nat  
Date Time Print Technician's Name

Remarks: \_\_\_\_\_

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

