

# 456

Columbia County Building Permit Application

STANLEY'S W.C.

For Office Use Only Application # 1203-45 Date Received 3/16 By J.D. Permit # 30051  
Zoning Official BLK Date 3 APRIL 2012 Flood Zone X Land Use A-3 Zoning A-3  
FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner J.C. Date 3-29-12  
Comments  
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Well letter ☐ 911 Sheet ☐ Parent Parcel #  
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter  
IMPACT FEES: EMS \_\_\_\_\_ Fire \_\_\_\_\_ Corr \_\_\_\_\_ ☒ Sub VF Form  
Road/Code \_\_\_\_\_ School \_\_\_\_\_ = TOTAL (Suspended) ☐ App Fee Paid

Septic Permit No. X-12-024-W Box Fax 755-2165  
Name Authorized Person Signing Permit Mary Ann Crawford Phone 752-5152  
Address 1482 SW Commercial Glen, Lake City, FL 32025  
Owners Name Stephen & Michelle Jones Phone 752-5152  
911 Address 235 SW Ever Lee, Lake City, FL 32025  
Contractors Name Stanley Crawford Const, Inc Phone 752-5152  
Address 1482 SW Commercial Glen Lake City, FL 32025  
Fee Simple Owner Name & Address N/A  
Bonding Co. Name & Address N/A  
Architect/Engineer Name & Address Mark Desoway  
Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy  
Property ID Number 28-45-16-03234-002 Estimated Cost of Construction 25,000  
Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions Brandford Hwy to 242 turn L, turn R at Eva Terr. 2 house on left.

Number of Existing Dwellings on Property 1  
Construction of Detached building workshop Total Acreage 5.030 Lot Size \_\_\_\_\_  
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 14'6"  
Actual Distance of Structure from Property Lines - Front 400' Side 25' Side 183' Rear 250'  
Number of Stories 1 Heated Floor Area 960 Total Floor Area 960 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. **CODE:** Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.  
Page 1 of 2 (Both Pages must be submitted together.) Revised 1-11

- The above by Mary Ann 4.3.12

## 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.

**TIME LIMITATIONS OF PERMITS:** 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 work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

**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 CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

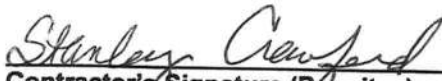
**NOTICE TO OWNER:** There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

  
Owners Signature

(Owners Must Sign All Applications Before Permit Issuance.)

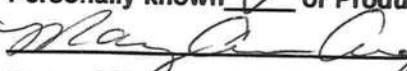
**\*\*OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

**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 including all application and permit time limitations.

  
Contractor's Signature (Permittee)

Contractor's License Number RG0042896  
Columbia County  
Competency Card Number # 64

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16<sup>th</sup> day of March 2012.  
Personally known ☒ or Produced Identification

  
State of Florida Notary Signature (Public - State of Florida)  


Page 2 of 2 (Both Pages must be submitted together.)

Revised 1-11

STATE OF FLORIDA  
COUNTY OF Columbia

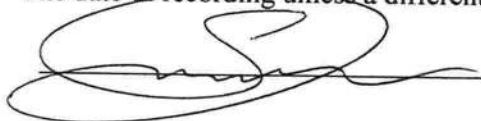
PROPERTY NO: 28-4S-16-03234-002

This instrument was Prepared By:  
Stanley Crawford Construction, Inc.  
1482 S.W. Commercial Glen  
Lake City, Florida 32025

### NOTICE OF COMMENCEMENT

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

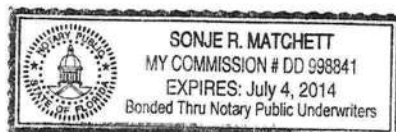
1. Description of property: Beg SW corner of NW 1/4 of NW 1/4, run E 676.64', N 323.02' W 674.47', S 325.05' to POB ORB 931-2572 WD 1036-522 & Corrective deed ORB 1060-1929 corrected deed 1069-1939 & WD 1213-2757
2. General description of improvement: Work Shop
3. Owner Name & Address: Stephen M. Jones Jr. & Michelle Jones  
235 SW Eva Terrace, Lake City, FL 32024
4. Interest in property: Fee Simple
5. Name and address of fee simple title holder (if other than owner): NONE
6. Contractor: Stanley Crawford Construction, Inc  
1482 SW Commercial Glen  
Lake City, Florida 32025
7. Surety N/A
  - a. Name and address: N/A
  - b. Amount of bond: N/A
8. Lender: N/A
9. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes : NONE
10. In addition to himself, Owner designates \_\_\_\_\_  
\_\_\_\_\_ to receive a copy of the Lienor's  
Notice as provided in section 713.13 (1) (b), Florida Statutes.
11. Expiration date of notice of commencement (the expiration date is 1 year from  
The date of recording unless a different date is specified).

The foregoing instrument was acknowledged before me this 29<sup>th</sup> day of  
March, 2012, by Sonje R. Matchett,  
who are personally known to me and who did not take an oath.

Sonje R. Matchett  
Notary Public

7-4-2014  
My Commission Expires



# Columbia County Property Appraiser

DB Last Updated: 3/12/2012

**2011 Tax Year**
[Tax Collector](#)
[Tax Estimator](#)
[Property Card](#)
[Parcel List Generator](#)

Parcel: 28-4S-16-03234-002

[<< Next Lower Parcel](#)
[Next Higher Parcel >>](#)
[Interactive GIS Map](#)[Print](#)

## Owner & Property Info

&lt;&lt; Prev Search Result: 4 of 4

|                                                                                                                                                                                          |                                                                                                             |              |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------|-------|
| Owner's Name                                                                                                                                                                             | JONES STEPHEN M JR & MICHELLE                                                                               |              |       |
| Mailing Address                                                                                                                                                                          | 235 SW EVA TER<br>LAKE CITY, FL 32024                                                                       |              |       |
| Site Address                                                                                                                                                                             | 235 SW EVA TER                                                                                              |              |       |
| Use Desc. (code)                                                                                                                                                                         | SINGLE FAM (000100)                                                                                         |              |       |
| Tax District                                                                                                                                                                             | 3 (County)                                                                                                  | Neighborhood | 28416 |
| Land Area                                                                                                                                                                                | 5.030 ACRES                                                                                                 | Market Area  | 01    |
| Description                                                                                                                                                                              | NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. |              |       |
| BEG SW COR OF NW1/4 OF NW1/4, RUN E 676.64 FT, N 323.02 FT, W 674.47 FT, S 325.05 FT TO POB ORB 931-2572 WD 1036-522 & CORRECTIVE DEED ORB 1060-1929 CORR DEED 1069-1939 & WD 1213- 2757 |                                                                                                             |              |       |



## Property & Assessment Values

| 2011 Certified Values        |                                                       |              |
|------------------------------|-------------------------------------------------------|--------------|
| <b>Mkt Land Value</b>        | cnt: (0)                                              | \$32,605.00  |
| <b>Ag Land Value</b>         | cnt: (1)                                              | \$0.00       |
| <b>Building Value</b>        | cnt: (1)                                              | \$175,387.00 |
| <b>XFOB Value</b>            | cnt: (2)                                              | \$3,695.00   |
| <b>Total Appraised Value</b> |                                                       | \$211,687.00 |
| <b>Just Value</b>            |                                                       | \$211,687.00 |
| <b>Class Value</b>           |                                                       | \$0.00       |
| <b>Assessed Value</b>        |                                                       | \$208,237.00 |
| <b>Exempt Value</b>          | (code: HX)                                            | \$50,000.00  |
| <b>Total Taxable Value</b>   | Cnty: \$158,237<br>Other: \$158,237   Schl: \$183,237 |              |

## 2012 Working Values

### NOTE:

2012 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

## Sales History

[Show Similar Sales within 1/2 mile](#)

| Sale Date | OR Book/Page              | OR Code | Vacant / Improved | Qualified Sale | Sale RCode | Sale Price   |
|-----------|---------------------------|---------|-------------------|----------------|------------|--------------|
| 4/29/2011 | <a href="#">1213/2757</a> | WD      | I                 | Q              | 01         | \$255,000.00 |
| 1/21/2005 | <a href="#">1036/522</a>  | WD      | V                 | Q              |            | \$97,500.00  |
| 1/21/2005 | <a href="#">1069/1939</a> | WD      | V                 | U              | 01         | \$100.00     |
| 7/26/2001 | <a href="#">932/2572</a>  | WD      | V                 | Q              |            | \$75,000.00  |

## Building Characteristics

| Bldg Item                                                                     | Bldg Desc           | Year Blt | Ext. Walls      | Heated S.F. | Actual S.F. | Bldg Value   |
|-------------------------------------------------------------------------------|---------------------|----------|-----------------|-------------|-------------|--------------|
| 1                                                                             | SINGLE FAM (000100) | 2008     | COMMON BRK (19) | 2271        | 3656        | \$173,597.00 |
| Note: All S.F. calculations are based on <u>exterior</u> building dimensions. |                     |          |                 |             |             |              |

## Extra Features & Out Buildings

| Code | Desc       | Year Blt | Value      | Units       | Dims      | Condition (% Good) |
|------|------------|----------|------------|-------------|-----------|--------------------|
| 0180 | FPLC 1STRY | 2008     | \$2,000.00 | 0000001.000 | 0 x 0 x 0 | (000.00)           |



## Columbia County Property Appraiser

J. Doyle Crews - Lake City, Florida 32055 | 386-758-1083

**PARCEL: 28-4S-16-03234-002 - SINGLE FAM (000100)**

NOTES:

BEG SW COR OF NW1/4 OF NW1/4, RUN E 676.64 FT, N 323.02 FT, W 674.47 FT, S 325.05 FT TO POB ORB  
931-2572 WD 1036-522 & CORRECTIVE DEED ORB 1060-1929 C

|       |                               |                              |                                    |
|-------|-------------------------------|------------------------------|------------------------------------|
| Name: | JONES STEPHEN M JR & MICHELLE | <b>2011 Certified Values</b> |                                    |
| Site: | 235 SW EVA TER                | Land                         | \$32,605.00                        |
| Mail: | 235 SW EVA TER                | Bldg                         | \$175,387.00                       |
|       | LAKE CITY, FL 32024           | Assd                         | \$208,237.00                       |
| Sales | 4/29/2011 \$255,000.00 I / Q  | Exmpt                        | \$50,000.00                        |
| Info  | 1/21/2005 \$97,500.00 V / Q   | Taxbl                        | Cnty: \$158,237                    |
|       |                               |                              | Other: \$158,237   Schl: \$183,237 |



Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, LLC  
419 SW SR 247, Suite 109  
Lake City, Florida 32025

File Number: 11-0275

Inst: 201112006628 Date: 5/3/2011 Time: 7:56 AM  
Doc Stamp-Deed: 1785 00  
DC P. De Witt Cason, Columbia County Page 1 of 2 B 1213 P 2757

### General Warranty Deed

Made this April 29, 2011 A.D. By **George R. Baker and his wife, Kristy S. Baker**, whose post office address is: 235 SW Eva Terrace, Lake City, Florida 32024, hereinafter called the grantor, to **Stephen M. Jones, Jr. and his wife, Michelle L. Jones**, whose post office address is: 235 SW Eva Terrace, Lake City, FL 32024, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth**, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Parcel ID Number: R03234-002

**Together** with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

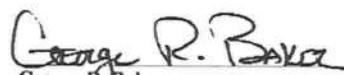
**To Have and to Hold**, the same in fee simple forever.

**And** the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2010.

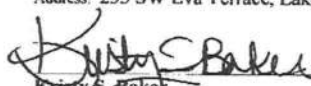
**In Witness Whereof**, the said grantor has signed and sealed these presents the day and year first above written.

*Signed, sealed and delivered in our presence:*

  
Witness Printed Name **Matthew D. Rocco**

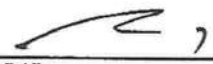
  
George R. Baker (Seal)  
Address: 235 SW Eva Terrace, Lake City, Florida 32024

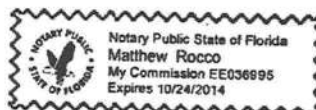
  
Witness Printed Name **MELINDA WEAVER**

  
Kristy S. Baker (Seal)  
Address:

State of Florida  
County of Columbia

The foregoing instrument was acknowledged before me this 29th day of April, 2011, by George R. Baker and Kristy S. Baker, who is/are personally known to me or who has produced \_\_\_\_\_ as identification.

  
Notary Public  
Print Name: \_\_\_\_\_  
My Commission  
Expires: \_\_\_\_\_



Prepared by & Return to:  
Matthew D. Rocco  
Sierra Title, L.L.C.  
419 SW SR 247, Suite 109  
Lake City, Florida 32025

File Number: 11-0275

**"Schedule A"**

BEGIN AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE NORTH 89°28'27" EAST, ALONG THE SOUTH LINE OF SAID NORTHWEST 1/4 OF NORTHWEST 1/4, 676.64 FEET; THENCE NORTH 00°04'03" WEST, 647.18 FEET; THENCE SOUTH 89°28'27" WEST, 164.49 FEET; THENCE NORTH 00°27'17" EAST, 180.00 FEET; THENCE SOUTH 89°28'27" WEST, 210.57 FEET; THENCE NORTH 00°27'17" EAST, 429.70 FEET TO THE SOUTH RIGHT OF WAY LINE OF COUNTY ROAD NO. C-242; THENCE SOUTH 89°03'35" WEST ALONG SAID SOUTH RIGHT OF WAY LINE, 297.26 FEET TO THE WEST LINE OF SECTION 28, THENCE SOUTH 0°27'17" WEST, 1254.79 FEET TO THE POINT OF BEGINNING. SUBJECT TO A NON-EXCLUSIVE PERPETUAL EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE WEST 60 FEET.

LESS AND EXCEPT THOSE PORTIONS DEEDED BY WARRANTY DEED RECORDED IN OFFICIAL RECORD BOOK 1145 PAGE 1037 AND BY WARRANTY DEED RECORDED IN OFFICIAL RECORD BOOK 1040 PAGE 639.

TOGETHER WITH AN EASEMENT, FOR INGRESS AND EGRESS PURPOSES, BEING 60 FEET EAST OF AND ADJACENT TO THE FOLLOWING DESCRIBED LINE:  
COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN NORTH 00°27'17" EAST ALONG THE WEST LINE OF SAID SECTION 28 A DISTANCE OF 323.05 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 00°27'17" EAST ALONG SAID WEST LINE OF SECTION 28 A DISTANCE OF 931.74 FEET TO A POINT ON THE SOUTH RIGHT OF WAY LINE OF COUNTY ROAD 242, SAID POINT ALSO BEING THE TERMINAL POINT OF HEREIN DESCRIBED LINE AND EASEMENT.

## SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1203-45

CONTRACTOR

Stanley Crawford

PHONE

752-5152

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-8, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

|                                                       |                                                                           |                                                                       |
|-------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> ELECTRICAL<br>380 | Print Name: <u>Donald R. Davis</u><br>License #: <u>EC 006 2306</u>       | Signature: <u>Donald R. Davis</u><br>Phone #: <u>386 623 9499</u>     |
| <input type="checkbox"/> MECHANICAL/<br>A/C           | Print Name: <u>Robert L. Lissner</u><br>License #: <u>CAC057886</u>       | Signature: <u>Robert L. Lissner</u><br>Phone #: <u>386 244 9408</u>   |
| <input checked="" type="checkbox"/> PLUMBING/<br>GAS  | Print Name: <u>Joseph A. Brumfield</u><br>License #: <u>CFLC 57304</u>    | Signature: <u>Joseph A. Brumfield</u><br>Phone #: <u>386 457 4402</u> |
| <input checked="" type="checkbox"/> ROOFING<br>104    | Print Name: <u>Stanley Crawford</u><br>License #: <u>RG0042896 000064</u> | Signature: <u>Stanley Crawford</u><br>Phone #: <u>380-752-5152</u>    |
| <input type="checkbox"/> SHEET METAL                  | Print Name: _____<br>License #: _____                                     | Signature: _____<br>Phone #: _____                                    |
| <input type="checkbox"/> FIRE SYSTEM/<br>SPRINKLER    | Print Name: _____<br>License #: _____                                     | Signature: _____<br>Phone #: _____                                    |
| <input type="checkbox"/> SOLAR                        | Print Name: _____<br>License #: _____                                     | Signature: _____<br>Phone #: _____                                    |

| Specialty Trade                                       | License Number   | Sub Contractor Trade Name | Sub Contractor Signature |
|-------------------------------------------------------|------------------|---------------------------|--------------------------|
| <input checked="" type="checkbox"/> MASON             | 000712           | Colin Gay Masonry         | <u>Colin Gay</u>         |
| <input checked="" type="checkbox"/> CONCRETE FINISHER | 218              | Jordan Concrete           | <u>Jordan Jordan</u>     |
| <input checked="" type="checkbox"/> FRAMING           | <u>RG0042896</u> | Stanley Crawford          | <u>Stanley Crawford</u>  |
| <input checked="" type="checkbox"/> INSULATION        | 000741           | SunCoast Insulators       | <u>Patricia Bowen</u>    |
| <input type="checkbox"/> STUCCO                       | N/A              | N/A                       | N/A                      |
| <input type="checkbox"/> DRYWALL                      | N/A              | N/A                       | N/A                      |
| <input checked="" type="checkbox"/> PLASTER           | <u>RG0042896</u> | Stanley Crawford          | <u>Stanley Crawford</u>  |
| <input checked="" type="checkbox"/> CABINET INSTALLER | 000064           | Stanley Crawford Const    | <u>Stanley Crawford</u>  |
| <input checked="" type="checkbox"/> PAINTING          | 000064           | Stanley Crawford Const    | <u>Stanley Crawford</u>  |
| <input type="checkbox"/> ACOUSTICAL CEILING           |                  | N/A                       |                          |
| <input type="checkbox"/> GLASS                        | <u>000064</u>    | <u>Stanley Crawford</u>   | <u>Stanley Crawford</u>  |
| <input type="checkbox"/> CERAMIC TILE                 | <u>000064</u>    | <u>Stanley Crawford</u>   | <u>Stanley Crawford</u>  |
| <input type="checkbox"/> FLOOR COVERING               | <u>000064</u>    | <u>Stanley Crawford</u>   | <u>Stanley Crawford</u>  |
| <input checked="" type="checkbox"/> ALUM/VINYL SIDING | 000312           | Columbia Exteriors        | <u>Karl R. R.</u>        |
| <input type="checkbox"/> GARAGE DOOR                  | 000611           | <u>Stanley Crawford</u>   | <u>Stanley Crawford</u>  |
| <input type="checkbox"/> METAL BLDG ERECTOR           |                  |                           |                          |

F. S. 440.103 Building permits; Identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

FL 9457 SM

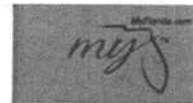
FL 9456 PW

## Moss Supply - 1700 Series Product Specification New Construction Single Hung

|                          |                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design Pressure / Rating | DP35 / H-R35 Tested to AAMA 101 / LS2-97 up to 3862, Model 1735<br>DP50 / H-R50 Available up to 3062, Model 1740                                                                                                                                                                              |
| Thermal Performance      | NFRC Certified units available, performance varies with glass and grid option selected.<br>Standard Model 1735: U-Factor = 0.50, SHGC = 0.59, VT = 0.61, CR = 43<br>1735 w/ Low-E Glass: U-Factor = 0.36, SHGC = 0.28, VT = 0.51, CR = 53                                                     |
| Colors                   | White or Beige                                                                                                                                                                                                                                                                                |
| Frame Extrusion          | 100% Virgin PVC compounded with UV Stabilizers and Impact Modifiers to assure weatherability and provide years of maintenance-free performance.                                                                                                                                               |
| Frame Features           | 2-3/4" Deep frame, 1-1/4" frame face<br>Continuous 1-1/4" nailing flange with pre-punched fastener holes<br>Fusion welded head with mechanically fastened sloped sill<br>Brick-mold styling on exterior face<br>Built-in 3/4 x 5/8" J-channel siding return<br>Top glass is internally glazed |
| Reinforcement            | Meeting Rail and Sash reinforced to meet design pressure ratings                                                                                                                                                                                                                              |
| Sash Extrusion           | 100% Virgin PVC compounded with UV Stabilizers and Impact Modifiers to assure weatherability                                                                                                                                                                                                  |
| Sash Features            | Precision 4-point fusion welded corners<br>Integral lift handle located at the sash top rail<br>Externally glazed                                                                                                                                                                             |
| Weather-Stripping        | Sash continuously sealed along front and sides with Pin-Seal weather stripping and finished at the bottom with a custom extruded flexible PVC bulb seal for positive sash to sill closure.                                                                                                    |
| Balance System           | Reverse Block & Tackle                                                                                                                                                                                                                                                                        |
| Sash Lock                | Cam Lock with Keeper, dual locks standard over 24" unit width                                                                                                                                                                                                                                 |
| Screen                   | 26 gauge, 7/16" x 3/4" Roll formed aluminum frame<br>Charcoal fiberglass mesh with extruded PVC spline                                                                                                                                                                                        |
| Insulated Glass          | 5/8" Overall Thickness<br>TruSeal Duraseal Spacer System<br>7/16" Air Space<br>3MM ÷ 3MM Glass Standard<br>13/16" Internal Grids Standard, color matched to frame                                                                                                                             |
| Glass & Grid Options     | LowE Glass<br>LowE Glass with Argon<br>Tempered Units Available<br>Bronze Tinted Units Available<br>25mm Contoured Grids Available                                                                                                                                                            |

01/14/10

# FLORIDA DEPARTMENT OF Community Affairs



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## Product Approval

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 **Application Detail**

| FL #                                          | FL7154-R2                                                                                                                                                                                                                                                      |                 |             |             |      |            |      |            |      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|-------------|------|------------|------|------------|------|
| Application Type                              | Revision                                                                                                                                                                                                                                                       |                 |             |             |      |            |      |            |      |
| Code Version                                  | 2007                                                                                                                                                                                                                                                           |                 |             |             |      |            |      |            |      |
| Application Status                            | Approved                                                                                                                                                                                                                                                       |                 |             |             |      |            |      |            |      |
| Comments                                      |                                                                                                                                                                                                                                                                |                 |             |             |      |            |      |            |      |
| Archived                                      | <input type="checkbox"/>                                                                                                                                                                                                                                       |                 |             |             |      |            |      |            |      |
| Product Manufacturer                          | TAMKO Building Products, Inc.                                                                                                                                                                                                                                  |                 |             |             |      |            |      |            |      |
| Address/Phone/Email                           | PO Box 1404<br>Joplin, MO 64802<br>(417) 624-6644 Ext 2305<br>kerri_eden@tamko.com                                                                                                                                                                             |                 |             |             |      |            |      |            |      |
| Authorized Signature                          | Kerri Eden<br>kerri_eden@tamko.com                                                                                                                                                                                                                             |                 |             |             |      |            |      |            |      |
| Technical Representative                      | Kerri Eden                                                                                                                                                                                                                                                     |                 |             |             |      |            |      |            |      |
| Address/Phone/Email                           | PO Box 1404<br>Joplin, MO 64802<br>(417) 624-6644 Ext 2305<br>kerri_eden@tamko.com                                                                                                                                                                             |                 |             |             |      |            |      |            |      |
| Quality Assurance Representative              |                                                                                                                                                                                                                                                                |                 |             |             |      |            |      |            |      |
| Address/Phone/Email                           |                                                                                                                                                                                                                                                                |                 |             |             |      |            |      |            |      |
| Category                                      | Roofing                                                                                                                                                                                                                                                        |                 |             |             |      |            |      |            |      |
| Subcategory                                   | Asphalt Shingles                                                                                                                                                                                                                                               |                 |             |             |      |            |      |            |      |
| Compliance Method                             | Certification Mark or Listing                                                                                                                                                                                                                                  |                 |             |             |      |            |      |            |      |
| Certification Agency                          | Underwriters Laboratories Inc.                                                                                                                                                                                                                                 |                 |             |             |      |            |      |            |      |
| Validated By                                  | Robert J. M. Nieminen, PE                                                                                                                                                                                                                                      |                 |             |             |      |            |      |            |      |
|                                               | <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received                                                                                                                                                                                   |                 |             |             |      |            |      |            |      |
| Referenced Standard and Year (of Standard)    | <table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D 3161</td> <td>2003</td> </tr> <tr> <td>ASTM D3462</td> <td>2004</td> </tr> <tr> <td>ASTM D7158</td> <td>2005</td> </tr> </tbody> </table> | <u>Standard</u> | <u>Year</u> | ASTM D 3161 | 2003 | ASTM D3462 | 2004 | ASTM D7158 | 2005 |
| <u>Standard</u>                               | <u>Year</u>                                                                                                                                                                                                                                                    |                 |             |             |      |            |      |            |      |
| ASTM D 3161                                   | 2003                                                                                                                                                                                                                                                           |                 |             |             |      |            |      |            |      |
| ASTM D3462                                    | 2004                                                                                                                                                                                                                                                           |                 |             |             |      |            |      |            |      |
| ASTM D7158                                    | 2005                                                                                                                                                                                                                                                           |                 |             |             |      |            |      |            |      |
| Equivalence of Product Standards Certified By |                                                                                                                                                                                                                                                                |                 |             |             |      |            |      |            |      |
| Product Approval Method                       | Method 1 Option A                                                                                                                                                                                                                                              |                 |             |             |      |            |      |            |      |
| Date Submitted                                | 04/13/2010                                                                                                                                                                                                                                                     |                 |             |             |      |            |      |            |      |
| Date Validated                                | 05/03/2010                                                                                                                                                                                                                                                     |                 |             |             |      |            |      |            |      |
| Date Pending FBC Approval                     | 05/05/2010                                                                                                                                                                                                                                                     |                 |             |             |      |            |      |            |      |
| Date Approved                                 | 06/08/2010                                                                                                                                                                                                                                                     |                 |             |             |      |            |      |            |      |

### Summary of Products

| FL # | Model, Number or Name | Description |
|------|-----------------------|-------------|
|------|-----------------------|-------------|

|                                                                                                                                                                                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7154.1                                                                                                                                                                                   | Heritage Vintage | A heavy weight dimensional asphalt shingle.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> N/A<br><b>Design Pressure:</b> N/A<br><b>Other:</b> |                  | <b>Certification Agency Certificate</b><br><a href="#">FL7154_R2_C_CAC_Tamko_Service_Conf_FL_7154_2010.pdf</a><br><a href="#">FL7154_R2_C_CAC_Tamko_shingles.pdf</a><br><b>Quality Assurance Contract Expiration Date</b><br>03/19/2013<br><b>Installation Instructions</b><br><a href="#">FL7154_R2_II_heritage_vintage_app_inst_april_10.pdf</a><br>Verified By: Robert Nieminen PE 59166<br>Created by Independent Third Party: No<br><b>Evaluation Reports</b><br>Created by Independent Third Party: |

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Department of Community Affairs  
Florida Building Code Online  
Codes and Standards

2555 Shumard Oak Boulevard  
Tallahassee, Florida 32399-2100  
(850) 487-1824, Fax (850) 414-8436

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Product Approval Accepts:



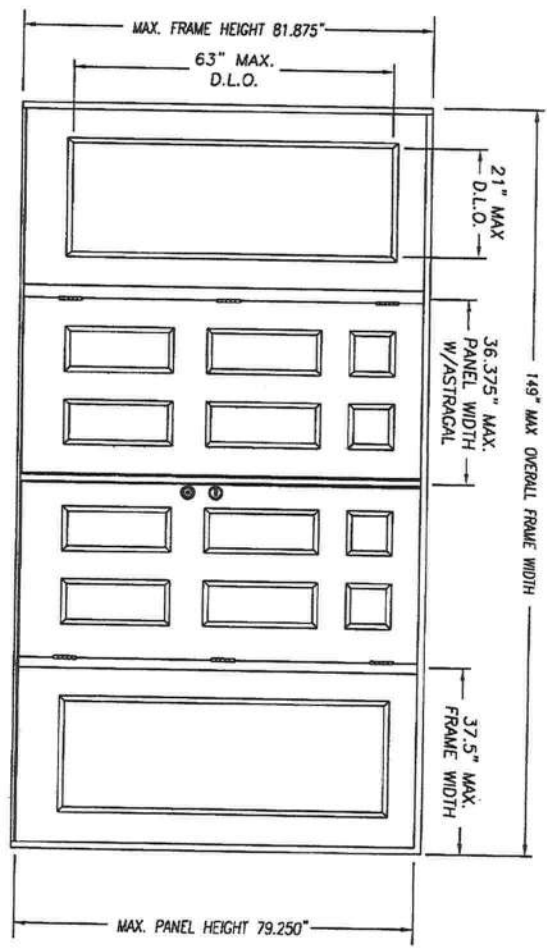
\* 6' doors



SIDE-HINGED WOOD-EDGE STEEL DOOR UNIT  
6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

GENERAL NOTES

- EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
- HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED ON OPAQUE PANELS, BUT IS REQUIRED ON GLAZED SIDELITES AND SMOKE DEVELOPED INDEX OF 80 PER ASTM E84
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50
- PLASTICS TESTING OF LITE FRAME MATERIAL:  
TEST DESCRIPTION DESIGNATION RESULT  
SELF IGNITION TEMP ASTM D1929 680 °F > 650 °F  
RATE OF BURNING ASTM D635 1.10 IN/MIN  
SMOKE DENSITY ASTM D2843 69.6%  
TENSILE STRENGTH\* ASTM D638 -7.48% DIFF  
\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1



DOUBLE INSWING UNIT W/SIDELITES

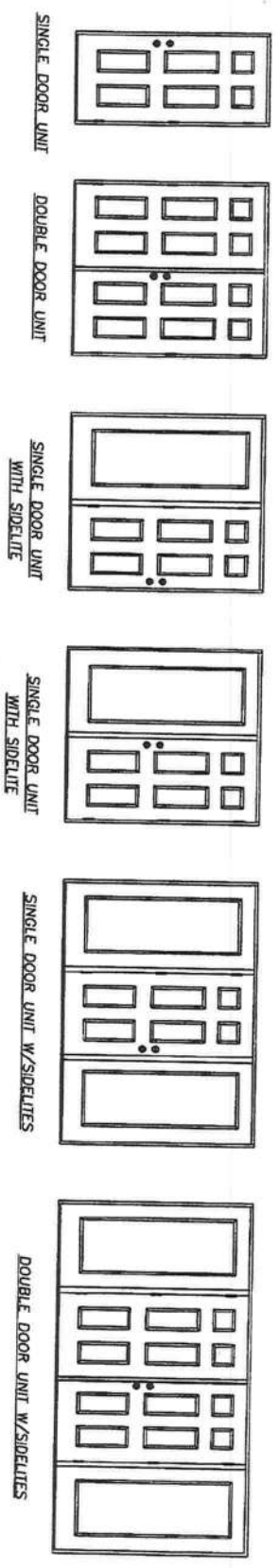


TABLE OF CONTENTS

| SHEET # | DESCRIPTION                        |
|---------|------------------------------------|
| 1       | TYPICAL ELEVATIONS & GENERAL NOTES |
| 2       | ANCHORING LOCATIONS & DETAILS      |
| 3       | ANCHORING LOCATIONS & DETAILS      |

| CONFIG   | MAX WIDTH | DESIGN PRESSURE RATING                            | WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE |
|----------|-----------|---------------------------------------------------|-------------------------------------------------------------------------------|
| X        | 37.5"     | INSWING: +76.0 / -76.0<br>OUTSWING: +76.0 / -76.0 | INSWING: +19.0 / -19.0<br>OUTSWING: +55.0 / -55.0                             |
| XX       | 74"       | INSWING: +83.0 / -83.0<br>OUTSWING: +83.0 / -83.0 | INSWING: +19.0 / -19.0<br>OUTSWING: +55.0 / -55.0                             |
| OX or XO | 75"       | INSWING: +55.0 / -55.0<br>OUTSWING: +55.0 / -55.0 | INSWING: +19.0 / -19.0<br>OUTSWING: +55.0 / -55.0                             |
| OXO      | 112.5"    | INSWING: +55.0 / -55.0<br>OUTSWING: +55.0 / -55.0 | INSWING: +19.0 / -19.0<br>OUTSWING: +55.0 / -55.0                             |
| OXOX     | 149"      | INSWING: +55.0 / -55.0<br>OUTSWING: +55.0 / -55.0 | INSWING: +19.0 / -19.0<br>OUTSWING: +55.0 / -55.0                             |

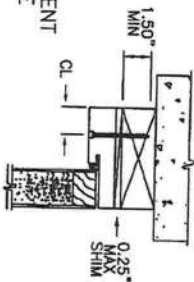
Attestation to NIM  
Reviewed By: NICOLELLO  
Date Reviewed: 8/10/05

|                                                                              |               |              |           |                               |
|------------------------------------------------------------------------------|---------------|--------------|-----------|-------------------------------|
| DATE: 7/11/05                                                                | SCALE: N.T.S. | DMG. BY: SWS | CHK. BY:  | DRAWING NO.: DMG-MA-F10128-05 |
| SHEET 1 of 3                                                                 |               |              |           |                               |
| PRODUCT: "EXTERIOR DOOR PRODUCT"<br>DOUBLE 6'-8" OPAQUE WOOD-EDGE STEEL DOOR |               |              |           |                               |
| PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES                         |               |              |           |                               |
| NO.                                                                          | DATE          | BY           | REVISIONS |                               |



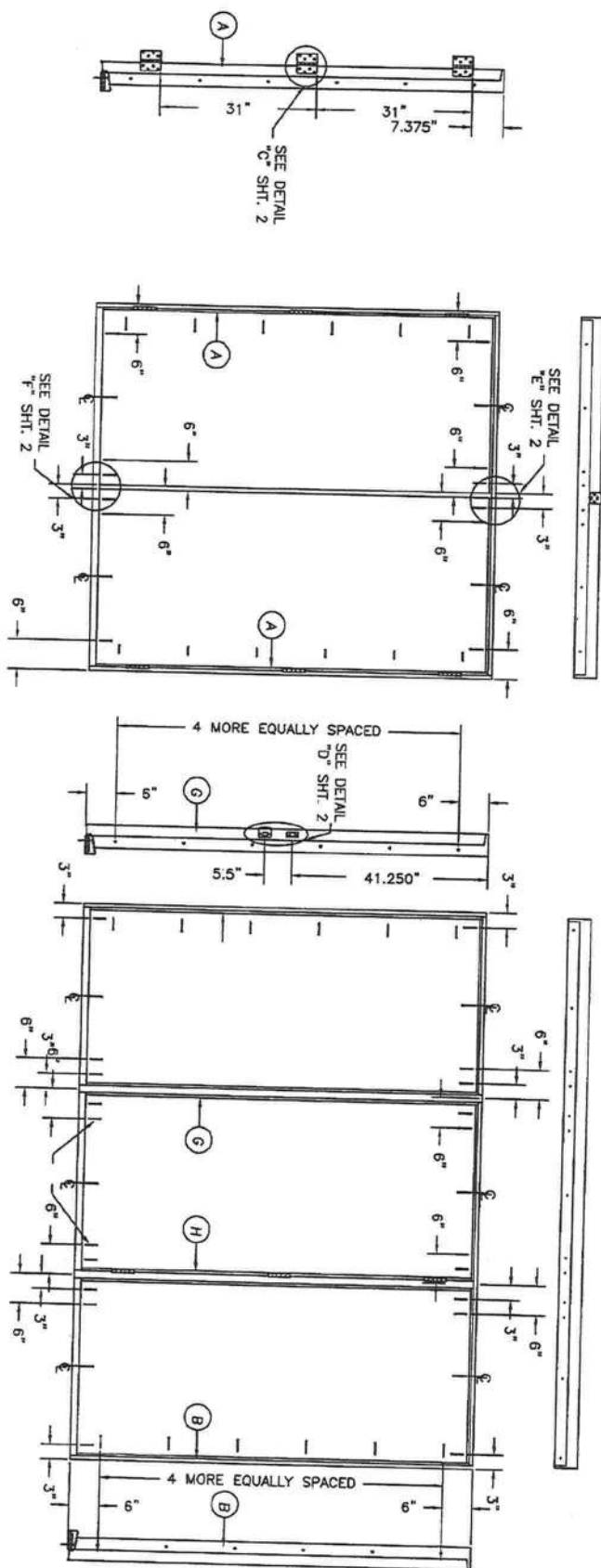
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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

- TYPICAL  
ANCHOR INSTALLATION



|    |                                                                                                                         |
|----|-------------------------------------------------------------------------------------------------------------------------|
| 1. | KWIKSET OR SCHLEGEL ANSI/BHMA GRADE 3 OR BETTER CYLINDRICAL AND DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE. |
| 2. | 4" X 4" FULL MORTISE BUTT HINGES                                                                                        |

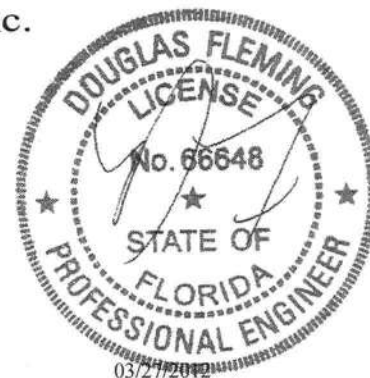
Certification No: NI006110  
 Reviewed By: [Signature]  
 Date Reviewed: 8/10/05



|                                                                                                             |                       |  |           |                                                                                         |                                                                        |
|-------------------------------------------------------------------------------------------------------------|-----------------------|--|-----------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| DATE: 7/11/05<br>SCALE: N.T.S.<br>DWG. BY: SMS<br>CHK. BY:<br>DRAWING NO.: DWG-44-FL0128-05<br>SHEET 3 OF 3 | NO.      DATE      BY |  | REVISIONS | PRODUCT:<br>"EXTERIOR DOOR PRODUCT"<br>6'-8" WOOD-EDGE STEEL OPAQUE<br>DOUBLE DOOR UNIT | MASONITE INTERNATIONAL CORP.<br>7300 REAMES RD.<br>CHARLOTTE, NC 28216 |
|                                                                                                             |                       |  |           | PART OR ASSEMBLY:<br>ANCHORING LOCATIONS<br>& DETAILS                                   |                                                                        |

# 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:1UKR487-Z0227152608



Truss Fabricator: **Anderson Truss Company**  
Job Identification: **12-020(old)--Fill in later STANLEY CRAWFORD/JONES -- , \*\***  
Truss Count: **6**  
Model Code: **Florida Building Code**  
Truss Criteria: **FBC2010Res/TPI-2007(STD)**  
Engineering Software: **Alpine Software, Version 10.03.**  
Structural Engineer of Record: **The identity of the structural EOR did not exist as of**  
Address: **the seal date per section 61615-31.003(5a) of the FAC**  
Minimum Design Loads: **Roof - 40.0 PSF @ 1.25 Duration**  
**Floor - N/A**  
**Wind - 120 MPH ASCE 7-10 -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: HCUSR487

Douglas Fleming  
-Truss Design Engineer-

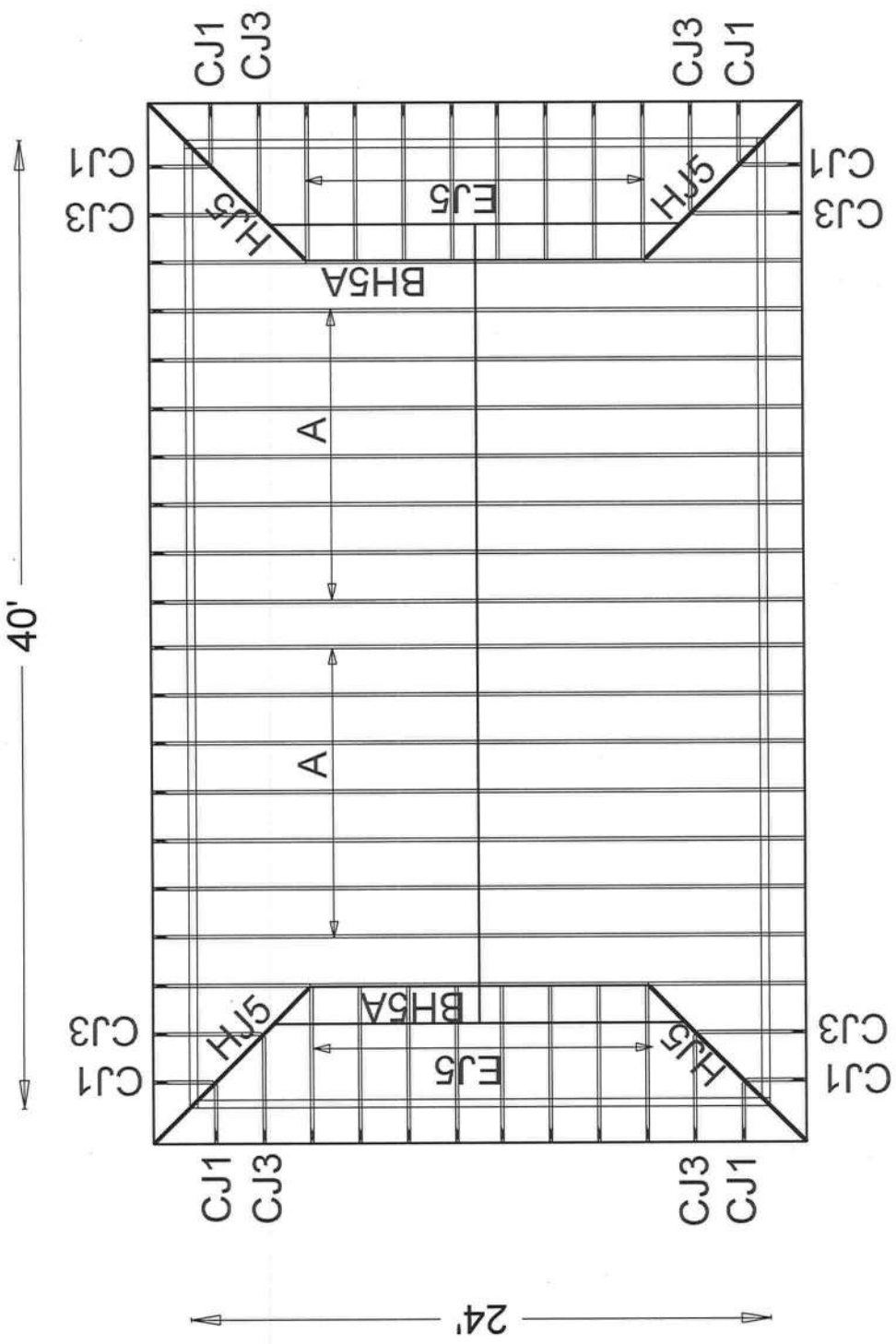
1950 Marley Drive  
Haines City, FL 33844

## Details: -

| # | Ref         | Description | Drawing# | Date     |
|---|-------------|-------------|----------|----------|
| 1 | 40280--A    |             | 12087002 | 03/27/12 |
| 2 | 40281--BH5A |             | 12087003 | 03/27/12 |
| 3 | 40282--CJ3  |             | 12087004 | 03/27/12 |
| 4 | 40283--EJ5  |             | 12087005 | 03/27/12 |
| 5 | 40284--CJ1  |             | 12087006 | 03/27/12 |
| 6 | 40285--HJ5  |             | 12087007 | 03/27/12 |



Roof Plane Sheathing Area = 1308 sq. ft



STANLEY CRAWFORD/ JONES

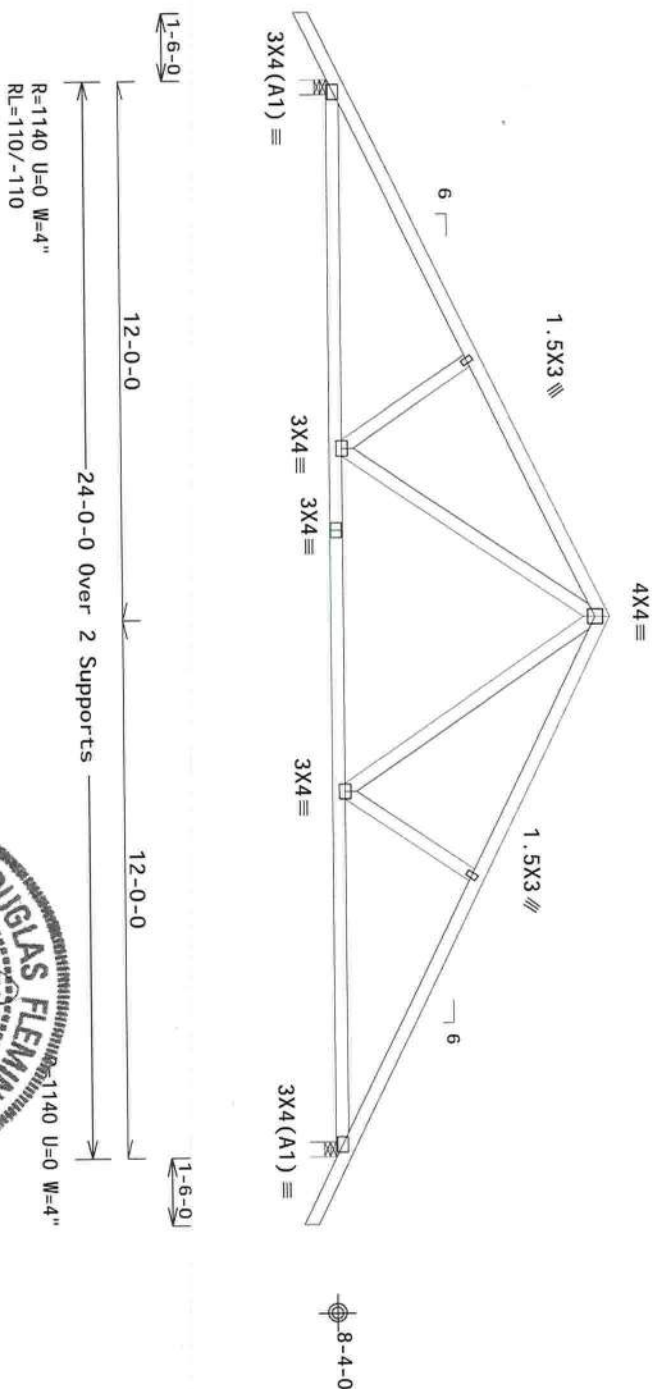
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Roof overhang supports 2.00 psf soffit load.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets  $L/240$  live and  $L/180$  total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt., ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCP(+/>)=0.18



PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)  
FT/RT=10%(0%)/0(0)

10.02.11 0209.21 QTY: 4 FL/-/4/-/-/R/-

Scale = .25"/Ft.

ALPINE

**ITW Building Components Group Inc**

Haines City, FL 33844  
FL COA #0278

**\*\*IMPORTANT\*\***

Trussco requires extensive care in fabricating, handling, shipping, installing and bracing. Be sure to follow the latest edition of BCSP Building Component Safety Information, by TPI and WCA for all practices prior to performing these functions. Installers shall provide temporary bracing per BCSP's instructions. Trusses are designed to be installed without lateral restraint. If lateral bracing is required, it shall have no effect on the design of the truss. Lateral bracing shall be provided in accordance with the following:

- Trusses noted otherwise: Top chord shall have girders attached for permanent lateral restraint.
- Trusses noted otherwise: Top chord shall have posts attached for permanent lateral restraint.
- Trusses noted otherwise: Top chord shall have posts attached for permanent lateral restraint.

If the building components' Ground Line (ITWBC) shall not be responsible for any deviation from this document, the manufacturer shall be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings TB60-2 for standard plate positions and seal on E-bracing or cover plate latching details.

The undersigned hereby certifies that the undersigned is duly qualified to perform the duties herein, and that the undersigned has read and understands the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job was prepared under contract number \_\_\_\_\_.

general notes page: ITB-BGC, www.itbtech.com; TPI, www.tpinet.org; WCA, www.wca-inc.com; ICC, www.iccsafety.org

**••WARNING••** READ AND FOLLOW ALL NOTES ON THIS SHEET:  
**••IMPORTANT••** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Tracked equipment used in Forklifting, hoisting, shipping, installing and bracing. Beams, joists, girders, columns, and other structural members shall be braced in accordance with the recommendations of AISC (Building Component Safety Information, by TPI and AISC) and other applicable standards. Bracing shall be installed in accordance with the practices prior to performing these functions. Insulators shall provide temporary bracing per AISC (Building Component Safety Information, by TPI and AISC) and other applicable standards. Top chord shall have properly attached structural bracing and bottom chord shall have a properly attached rigid section. Local area shown for permanent lateral restraint shall have bracing installed per AISC sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (TMBG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with AISI/TPI 1, or for handling, shipping, installation, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Refer to drawings FEMA-2 for standard plate positions. A seal on the

drawings, sketches, or other materials, and the design professional is not responsible for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AS171.1 Sec.2. For more information see: This Job's general notes page: ITB-OCG: [www.tahcg.com](http://www.tahcg.com); WTCA: [www.sbcindustry.com](http://www.sbcindustry.com);

DOUGLAS FLEMING  
LICENSE  
10.03.11 0209.21  
No. 66648  
QTY 1140

|                  |       |      |
|------------------|-------|------|
| 4 FL/-/4/-/-/R/- | TC LL | 20.0 |
|------------------|-------|------|

Scale = .25"/Ft.  
REF R487-- 40280

|       |          |      |          |
|-------|----------|------|----------|
| TC DL | 10.0 PSF | DATE | 03/27/12 |
|-------|----------|------|----------|

|       |          |                       |
|-------|----------|-----------------------|
| BC DL | 10.0 PSF | DRW HCUSR487 12087003 |
|-------|----------|-----------------------|

| BC LL | 0.0 PSF | HC-ENG DF/DF |
|-------|---------|--------------|
|-------|---------|--------------|

|        |          |       |        |
|--------|----------|-------|--------|
| TOT ID | 40.0 PSF | SEON- | 279615 |
|--------|----------|-------|--------|

|         |          |          |          |
|---------|----------|----------|----------|
| 101:ED: | 10:0:101 | 00:00:00 | 10:0:101 |
| DIP EAC | 1 25     |          |          |

|         |       |                    |
|---------|-------|--------------------|
| DOCKING | 34 0" | IBEE - 11KPA87 702 |
| DOCKING | 1:20  |                    |

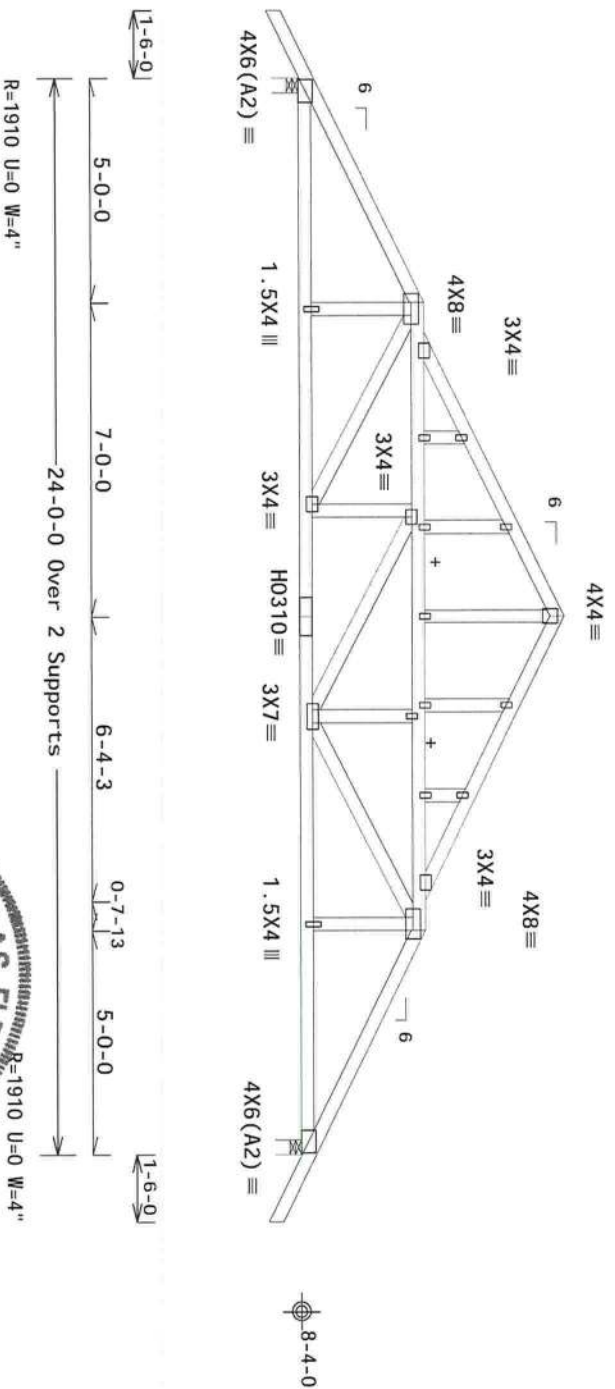
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRISS MER

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, OPEN\_CLEAR bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Gch1 (+/-)=0.00

Wind loads and reactions based on MMFRS with additional C&C member design.

Boston hip supports 5-0-0 jacks to BC. TC supports 1-0-0 overhang.

Boston hip supports 5-0-0 jacks to BC. TC supports 1-0-0 overhang.



Design Crit: FBC2010Res/TP1-2007(STD)

10.03.11:0209.21 QTY

Scale = .25"/Ft.

No. 66648

12

**ITW Building Components Group Inc.**

Haines City, FL 33844  
FL COA #0278

responsible for the design, fabrication, installation and testing of the structure. This job shall involve a variety of tasks including, but not limited to, the following:

- Develop and prepare design drawings, specifications, and bills of materials for the structure.
- Obtain and review all necessary permits and approvals from the appropriate authorities.
- Coordinate with the construction team to ensure proper installation and testing of the structure.
- Conduct field inspections and testing of the structure during and after installation.
- Prepare and submit reports on the progress of the project and the results of testing.
- Maintain accurate records of all project activities and expenses.
- Communicate effectively with all project stakeholders, including clients, contractors, and regulatory agencies.

The successful candidate for this position will have a minimum of five (5) years of experience in the design, fabrication, installation and testing of structures. A degree in Mechanical Engineering or a related field is required. The successful candidate will also have strong communication and organizational skills, and the ability to work independently and as part of a team.

For consideration, please submit your resume and cover letter to: [hr@ltdco.com](mailto:hr@ltdco.com). Please include the job title "Structural Engineer" in the subject line of your email. Only those candidates who are selected for an interview will be contacted. We are an equal opportunity employer and do not discriminate on the basis of race, gender, age, or ethnicity.

LTD CO. is an Equal Opportunity Employer. Minorities and women are encouraged to apply.

Job Title: Structural Engineer  
Location: [Redacted]  
Salary: [Redacted]  
Benefits: [Redacted]  
Job ID: [Redacted]

03/27/2012

|           |          |                      |
|-----------|----------|----------------------|
| TC LL     | 20.0 PSF | REF R487-- 40281     |
| TC DL     | 10.0 PSF | DATE 03/27/12        |
| BC DL     | 10.0 PSF | DRW HCUR487 12087003 |
| BC LL     | 0.0 PSF  | HC-ENG DF/DF         |
| TOT. LD.  | 40.0 PSF | SEQN- 279640         |
| DUR. FAC. | 1.25     |                      |
| SPACING   | 24.0"    | JREF- 1UKR487_Z02    |

(12-020(oid))--Fill in later STANLEY CRAWFORD/JONES --, \*\* - C/J3)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #1  
Bot chord 2x4 SP #1

Roof overhang supports 2.00 psf soffit load.

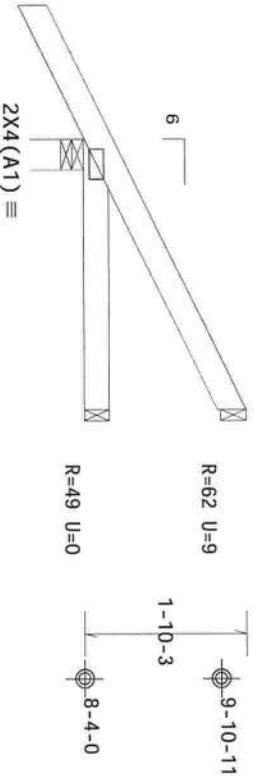
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18

Wind loads and reactions based on MMFRS with additional C&C member design.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



R=262 U=2 W=4"  
RL=37

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)  
FT/RT=10%(0%)/0(0)

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET  
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

\*\*IMPORTANT\*\* Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WDA) for BCSI practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord bracing shall be provided in accordance with BCSI. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any deviation from this drawing or for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for Building Components Group, Inc. (ITWBCG) for this structure. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; WDA: www.theindustry.com; ICC: www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278



| FL/-/4/-/-/R/- |          |        |             | Scale = .5"/Ft. |  |
|----------------|----------|--------|-------------|-----------------|--|
| TC LL          | 20.0 PSF | REF    | R487--      | 40282           |  |
| TC DL          | 10.0 PSF | DATE   | 03/27/12    |                 |  |
| BC DL          | 10.0 PSF | DRW    | HCUSR487    | 12087004        |  |
| BC LL          | 0.0 PSF  | HC-ENG | DF/DF       |                 |  |
| TOT. LD.       | 40.0 PSF | SEQN-  | 279601      |                 |  |
| DUR. FAC.      | 1.25     |        |             |                 |  |
| SPACING        | 24.0"    | JREF-  | 1UKR487_Z02 |                 |  |

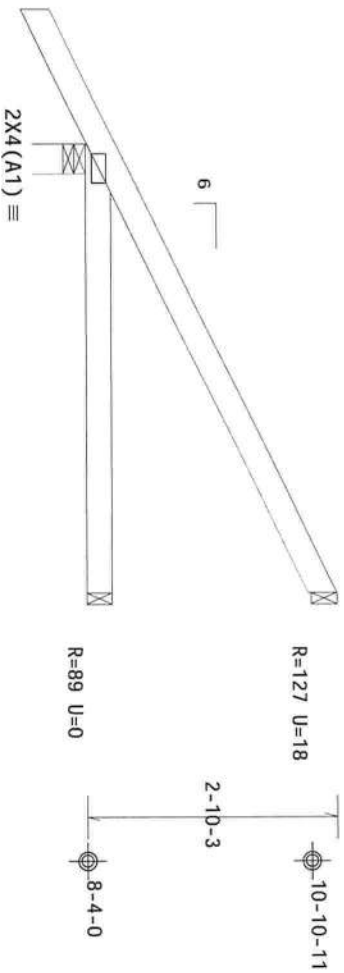
Top chord 2x4 SP #1  
Bot chord 2x4 SP #1

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.18  
Wind loads and reactions based on MMFRS with additional C&C member design.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-0-0  
5-0-0 Over 3 Supports

R=331 U=0 W=4"  
RL=53/-23

PLT TYP. Wave  
Design Crit: FBC2010Res/TP1-2007(STD)  
FT/RT=10%(0%)/0(0)



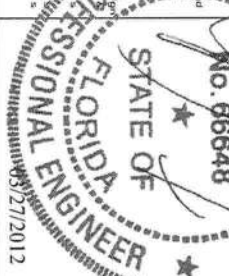
IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural bracing per BCSI. Bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job's details, unless noted otherwise. Refer to drawings 180A-Z for standard plate positions. A seal on drawing or cover page listing this drawing. The seal listing and use of this design for any structure shall be the responsibility of the user. This design is not to be used for any other structure. For general notes, please refer to ITWBCG's website: www.itwbcg.com. TPI: www.tpiinc.org; WTC: www.abctindustry.com; ICC: www.iccsafe.org



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



|           |          |                       |
|-----------|----------|-----------------------|
| TC LL     | 20.0 PSF | REF R487-- 40283      |
| TC DL     | 10.0 PSF | DATE 03/27/12         |
| BC DL     | 10.0 PSF | DRW HCUSR487 12087005 |
| BC LL     | 0.0 PSF  | HC-ENG DF/DF          |
| TOT. LD.  | 40.0 PSF | SEQN- 279604          |
| DUR. FAC. | 1.25     |                       |
| SPACING   | 24.0"    | JREF- 1UKR487_Z02     |

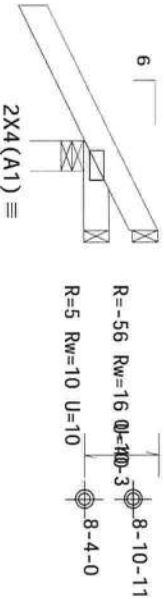
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GC(1+/-)=0.18

Wind loads and reactions based on MMFRS with additional C&C member design.

Wind loads and reactions based on MMFRS with additional C&C member design.

|               |                                                         |
|---------------|---------------------------------------------------------|
| Provide ( 2 ) | 16d common nails(0.162"x3.5"), toe nailed at Top chord. |
| Provide ( 2 ) | 16d common nails(0.162"x3.5"), toe nailed at Bot chord. |



1-0-0 over 3 Supports

R=254 U=22 W=4"  
RL=20

Design Crit: FBC2010Res/TP1-2007(STD)

BC2010Res/TP1-2007(Std)  
FT/RT=10%(0%)/0(0)

10.09.11 0209.21 QTY:8

FL/-/4/-/-/R/-/

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844  
FL COA #0278

**\*\*IMPORTANT\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET**  
FURNISH THIS DECISION TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) practices noted or performing these functions. Installers shall provide temporary bracing per BCSP unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached per BCSP section 83, 87 or 810, as applicable.

11TB Building Components Group Inc. (11TBGCO) shall not be responsible for any deviation from this document. The user of this document shall be responsible for the proper use of this document. In the event of any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates that the drawing is a copy of the original. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2, for more information see: [www.11tb.com](http://www.11tb.com), [www.11tborg.com](http://www.11tborg.com), [www.tpiinc.org](http://www.tpiinc.org), [www.abcdindustry.com](http://www.abcdindustry.com), [www.11tbable.org](http://www.11tbable.org)

0.05110209 21  
No. 66648  
QTY: 8

|          |          |                      |
|----------|----------|----------------------|
| TC LL    | 20.0 PSF | REF R487-- 40284     |
| TC DL    | 10.0 PSF | DATE 03/27/12        |
| BC DL    | 10.0 PSF | DRW HCUR487 1208/006 |
| BC LL    | 0.0 PSF  | HC-ENG DF/DF         |
| TOT.LD.  | 40.0 PSF | SEQN- 279609         |
| DUR.FAC. | 1.25     |                      |
| SPACING  | 24.0"    | JREF- 1UKR487_Z02    |

(12-020(oid)--Fill in later STANLEY CRAWFORD/JONES --, \*\* - HJ5)

THIS DMC PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #1  
Bot chord 2x4 SP #1

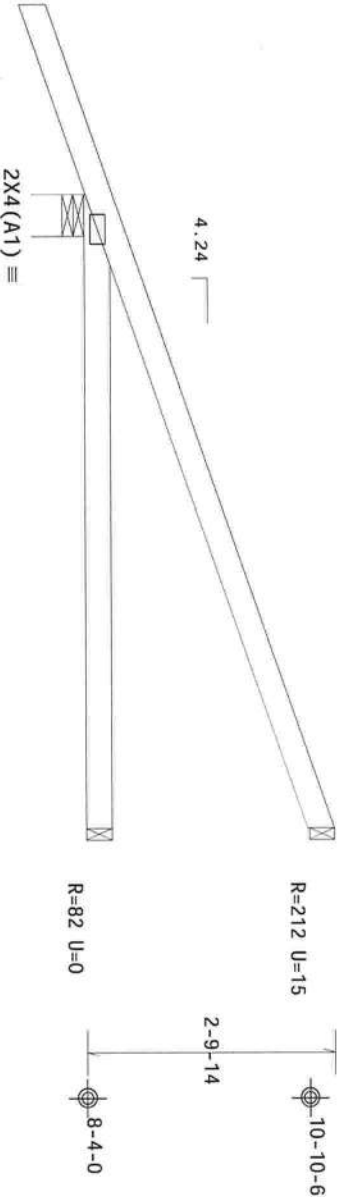
Hipjack supports 5'-0" setback jacks with no webs.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt. ASCE 7-10, OPEN CLEAR bldg. Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, GCPI(+/-)=0.00

Wind loads and reactions based on MMFRS with additional C&C member design.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)

FT/RT=10%(0%)/0(0)

NO. 06648

FL/-/4/-/-/R/-

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

\*\*IMPORTANT\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WICA) for details noted otherwise. Top chord bracing shall provide temporary bracing per BCSI sections B3, B7 or B10, as applicable. Hipjack supports shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this drawing or any failure to build the truss in conformance with ANSI/TP1 1, or for handling, shipping, installing, bracing or trussing. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160K-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. This drawing is the property of ITW Building Components Group Inc. and shall not be reproduced without written permission. For more information see: general notes page: ITW-BGS: www.itwbcg.com; TPI: www.tpiinc.org; WICA: www.theindustry.com; ICC: www.iccsafe.org



| TC LL     | 20.0 PSF | REF R487-- 40285      |
|-----------|----------|-----------------------|
| TC DL     | 10.0 PSF | DATE 03/27/12         |
| BC DL     | 10.0 PSF | DRW HCUSR487 12087007 |
| BC LL     | 0.0 PSF  | HC-ENG DF/DF          |
| TOT. LD.  | 40.0 PSF | SEQN- 279637          |
| DUR. FAC. | 1.25     |                       |
| SPACING   | 24.0"    | JREF- 1UKR487_Z02     |

# 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:1UJ8487-Z0101153648



Truss Fabricator: Anderson Truss Company  
Job Identification: 12-020--Fill in later STANLEY CRAWFORD/JONES -- , \*\*  
Truss Count: 6

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: FBC2007Res/TPI-2002(STD)

Engineering Software: Alpine Software, Version 10.03.

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 7-05 -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: HCUSR487

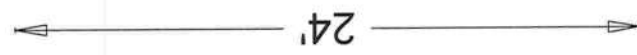
Walter P. Finn  
-Truss Design Engineer-

1950 Marley Drive  
Haines City, FL 33844

Details: A1101505-GBLLETIN-

| # | Ref         | Description | Drawing# | Date     |
|---|-------------|-------------|----------|----------|
| 1 | 91785--A    |             | 12032002 | 02/01/12 |
| 2 | 91786--BH5A |             | 12032003 | 02/01/12 |
| 3 | 91787--CJ1  |             | 12032004 | 02/01/12 |
| 4 | 91788--CJ3  |             | 12032001 | 02/01/12 |
| 5 | 91789--HJ5  |             | 12032005 | 02/01/12 |
| 6 | 91790--EJ5  |             | 12032006 | 02/01/12 |

Extra  
customer



JOB DESCRIPTION: Fill in later  
/: STANLEY CRAWFORD/JONES

12-020

1 OF 1

( 12-020--F111 In later STANLEY CRAWFORD/JONES -- , \*\* - A )

Top chord 2x4 SP #1  
Bot chord 2x4 SP #1  
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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

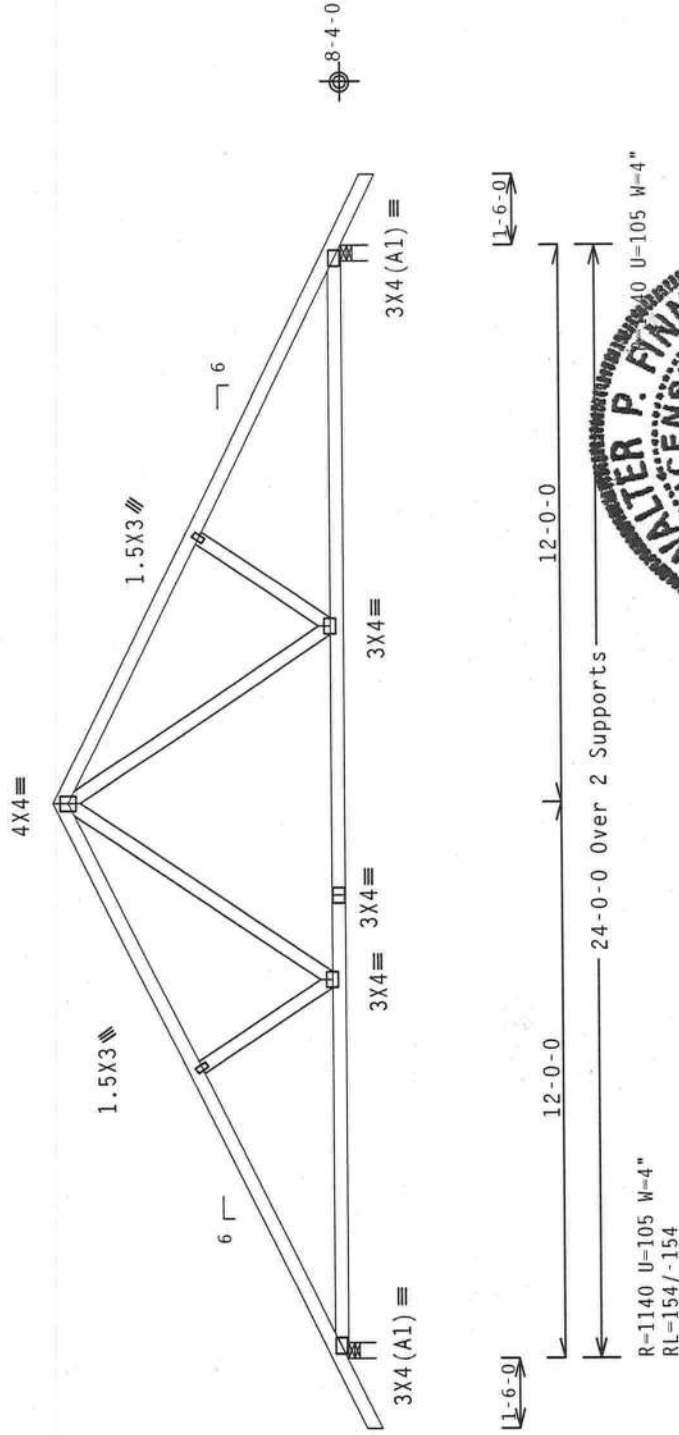
Roof overhang supports 2.00 psf soffit load.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

Wind loads and reactions based on MWFRS with additional C&C member design.

Bottom chord checked for 10.00 psf non-concurrent live load.



Design Crit: FBC2007Res/TPI-2002 (STD)  
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

10.03. No. 02839

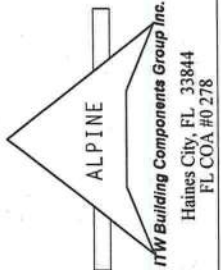
FL/-/4/-/R/-

Scale = .25"/Ft.

|          |             |          |
|----------|-------------|----------|
| REF      | R487--      | 91785    |
| DATE     | 02/01/12    |          |
| DRW      | HCUSR487    | 12032002 |
| HC-ENG   | JB/AP       | *        |
| SEQN     | 266803      |          |
| DUR.FAC. | 1.25        |          |
| SPACING  | 24.0"       |          |
| JREF     | 1UJ8487_Z01 |          |



**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS SHEET  
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.  
**\*\*IMPORTANT\*\*** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Rely on the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for practices prior to performing these functions. Installers shall provide temporary bracing per unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid ceiling. Connections shall meet lateral restraint shall have bracing installed per BCSI sections B5, B7 or B10, as applicable.  
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this any failure to build the truss in conformance with the design shown. A seal on this drawing of ITWBCG is required. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; IPI: www.ipinst.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



|  | Top | chord | 2x4 | SP | #1 |
|--|-----|-------|-----|----|----|
|  | Bot | chord | 2x4 | SP | #1 |
|  |     | webs  | 2x4 | SP | #3 |

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpf (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

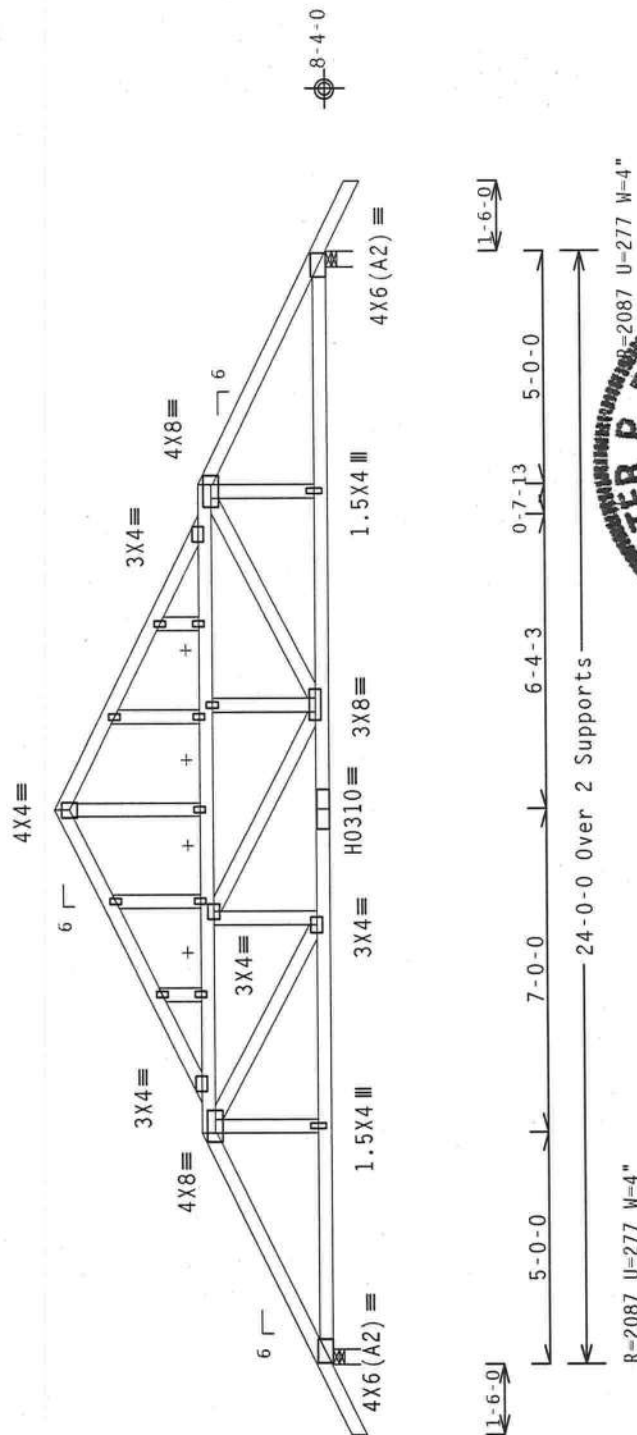
+LATERALLY BRACE TOP CHORD BELOW FILLER AT 24" O.C. OR RIGID SHEATHING. INCLUDING A LATERAL BRACE AT CHORD ENDS.

Wind loads and reactions based on MWFRS with additional C&C member design.

Boston hip supports 5-0-0 jacks to BC. TC supports 1-6-0 overhang.

+ MEMBER TO BE Laterally Braced for Out of Plane Wind Loads.  
Bracing System to be Designed and Furnished by Others.

Gable end supports 8" max rake overhang.



Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)  
FT/RT=10%(0%)/0(0)

PIT TYP 20 Gauge HS-Wave

Scale = .25"/Ft.

PLI IYP. 20 Gauge NS, Wave

**\*\*IMPORTANT\*\*** FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS SHEET!

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BC31 (Building Component Safety Information, by IPI and MICA) for BC31 practices prior to performing these functions. Installers shall provide temporary bracing for BC31 unless noted otherwise, top chord shall have properly attached structural sheathing and foot chord shall have a properly attached rigid ceiling. Section cut shall show lateral restraint. Trusses shall have bracing installed per BC31 sections B1, B7 or B10, as applicable.

IPI Building Components Group Inc. (IHBG) shall not be responsible for any deviation from any failure to build the Truss in conformance with the design and installation instructions. Details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The solability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: general notes page: IIN-B003: [www.iibug.cc](http://www.iibug.cc); IPI: [www.ipiinst.org](http://www.ipiinst.org); MICA: [www.sbcindustry.com](http://www.sbcindustry.com); 02/01/2012



STATE OF FLORIDA  
PROFESSIONAL ENGINEER

|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R487--      | 91786    |
| TC DL    | 10.0  | PSF | DATE   | 02/01/12    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUR487     | 12032003 |
| BC LL    | 0.0   | PSF | HC-ENG | JB/AP       |          |
| TOT.LD.  | 40.0  | PSF | SEQN-  | 266820      |          |
| DUR.FAC. | 1.25  |     |        |             |          |
| SPACING  | 24.0" |     | JREF-  | 1UJ8487_Z01 |          |

ALPINE

**nTW Building Components Group Inc.**  
Haines City, FL 33844

| Top | chord | 2x4 | SP | #1 |
|-----|-------|-----|----|----|
| Rot | chord | 2x4 | SP | #1 |

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-0-1  
1-0-0 over 3 Supports

R-254 U-49 W=4"  
RL-28/-22

Design Crit: FBC2007Res/TPI-2002(STD)  
FT/RT=10%(0%)/0(0)

PLOT TYP. Wave

10:03. Mon 02/28/99 QTY:

Scale = .5"/Ft.

\*\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET  
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSP (Building Components) information. The BCSP and the following practices prior to performing erection shall have properly attached structural temporary bracing per BCSP. The contractor shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSP sections B3, B7 and B10, as applicable.

TPV Building Components Group, Inc. (TPVBCG) shall not be responsible for any deviation from the design of the product shown on this drawing. The user is responsible for the proper installation and packaging of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover plate listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design or any structure is the responsibility of the building engineer. This drawing is not to be used for any other structure. This job is the responsibility of the building engineer. TPV: www.tpvinst.org; NICA: www.nicaindstry.com; IIR-BG: www.iirbg.com; TPV: www.tpvinst.org; NICA: www.nicaindstry.com; TPV: www.1654safe.org



|          |       |     |        |             |          |
|----------|-------|-----|--------|-------------|----------|
| TC LL    | 20.0  | PSF | REF    | R487--      | 91787    |
| TC DL    | 10.0  | PSF | DATE   | 02/01/12    |          |
| BC DL    | 10.0  | PSF | DRW    | HCUSR487    | 12032004 |
| BC LL    | 0.0   | PSF | HC-ENG | JB/AP       |          |
| TOT.LD.  | 40.0  | PSF | SEGN-  | 266787      |          |
| DUR.FAC. | 1.25  |     |        |             |          |
| SPACING  | 24.0" |     | JREF-  | 1UJ8487_Z01 |          |

| Top chord | 2x4 | SP #1 |
|-----------|-----|-------|
| Bot chord | 2x4 | SP #1 |

Roof overhang supports 2.00 psf soffit load.

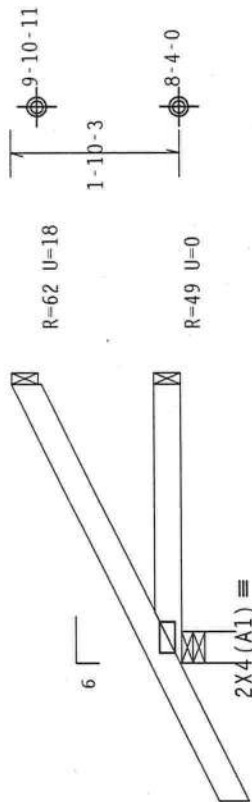
Bottom chord checked for 10.00 psf non-concurrent live load.

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

1110 mph wind, 15.00 ft mean hot, ASCE 7-05, 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 GCpf (+/-)=-0.18

wind loads and reactions based on MIFRS with additional C&C member design.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.  
Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-0

3-0-0 Over 3 Supports

R=262 U=26 W=4"  
RL=52/-27

Design Crit: FBC2007Res/TPI-2002 (STD)  
FT/RT=10%(0%) / 0(0)

PLT TYP. Wave

Scale = .5"/Ft.

PLT ITP. wave



ALPINE

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

**\*\*IMPORTANT\*\*** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Installer shall follow the latest edition of BCSP (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Unless noted otherwise, top chord shall have locations attached structural sheathing and bottom chord shall have a property attached rigid ceiling. Locations shown for that lateral restraining shall have bracing installed per BCSP Sections 85, 87 or 81B, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design, any failure to build the Truss in conformance with ITWBCG design, or any deviation from the design. Details are intended otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: [www.itwbcg.com](http://www.itwbcg.com); TPI: [www.tpinet.org](http://www.tpinet.org); WCA: [www.sbcindustry.com](http://www.sbcindustry.com)

**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS SHEET!

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 R487 -- 91788

DATE 02/01/12

DRW HCUSR487 12032001

HC-ENG JB/AP

SEQN- 266790

JREF- 1UJ8487\_Z01

( 12-020--Fill in later STANLEY CRAWFORD/JONES -- \*\* - HJ5 )

Top chord 2x4 SP #1  
Bot chord 2x4 SP #1

Hipjack supports 5-0-0 setback jacks with no webs.

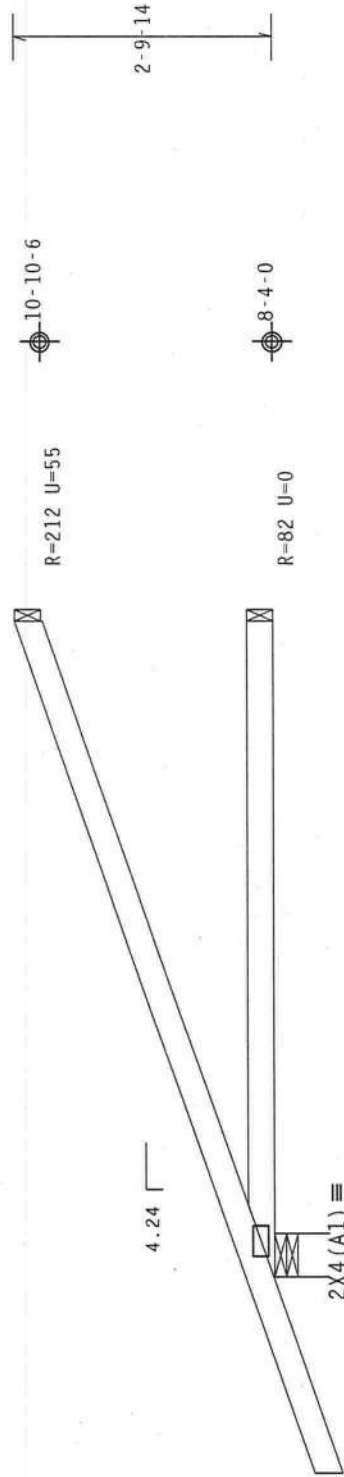
Deflection meets L/240 live and L/180 total load.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide ( 2 ) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 loads and reactions based on MMFRS with additional C&C member design.

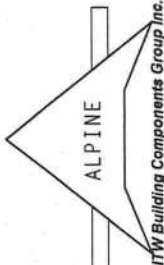


2-1-7' 7-0-14 Over 3 Supports  
R-307 U=42 W=5.657'

Design Crit: FBC2007Res/TPI-2002 (STD)  
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .5" / Ft.

|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                                                                                      |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------|--|-------------------|--|
| <br>ALPINE<br><br>iTW Building Components Group Inc.<br>Haines City, FL 33844<br>FL COA #0 278 | **IMPORTANT**<br>FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.<br><br>Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of the manufacturer's instructions. Installers shall provide temporary bracing as noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.<br><br>IITW Building Components Group Inc. (IITWBCG) shall not be responsible for any deviation from the design of this truss. The truss is designed in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure. Responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: IITW-BCG: www.iitwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindstry.com; ICC: www.iccsafe.org |                  |  |  | REF R487 -- 91789 |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | DATE 02/01/12                                                                        |  |                   |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | DRW HCUSR487 12032005                                                                |  |                   |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | HC-ENG JB/AP                                                                         |  |                   |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | SEQN- 266793                                                                         |  |                   |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | JREF- 1UJ8487_Z01                                                                    |  |                   |  |
|                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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"    |                                                                                      |  |                   |  |

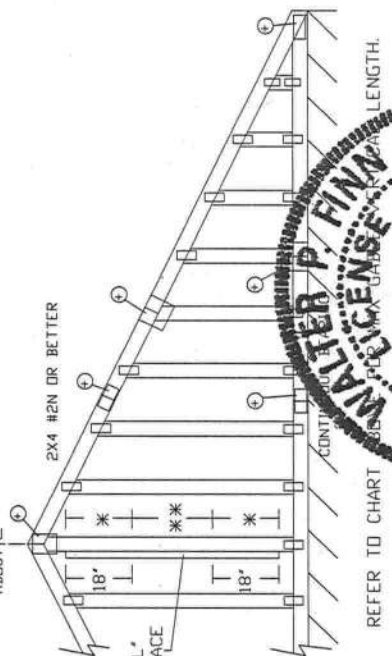
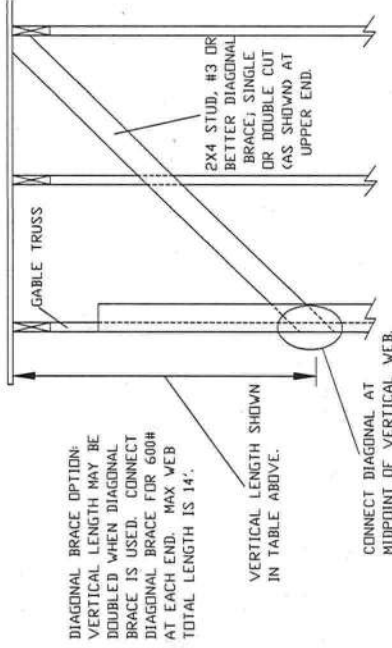


ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

# GABLE STUD REINFORCEMENT DETAIL

| 2X4 GABLE VERTICAL SPACING |          | BRACE GRADE |          | NO BRACES |        | (1) 1X4 'L' BRACE |         | (2) 2X4 'L' BRACE |         | (1) 2X6 'L' BRACE |         | (2) 2X6 'L' BRACE |         |
|----------------------------|----------|-------------|----------|-----------|--------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|
|                            |          |             |          |           |        | GROUP A           | GROUP B | GROUP A           | GROUP B | GROUP A           | GROUP B | GROUP A           | GROUP B |
| MAX GABLE VERTICAL LENGTH  | 12" D.C. | SPF         | #1 / #2  | 3' 10"    | 6' 10" | 7' 11"            | 8' 1"   | 9' 5"             | 9' 8"   | 12' 5"            | 12' 9"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 3' 9"     | 6' 0"  | 7' 11"            | 7' 11"  | 9' 5"             | 9' 5"   | 12' 4"            | 12' 4"  | 14' 0"            | 14' 0"  |
|                            |          |             | STUD     | 3' 9"     | 6' 0"  | 7' 11"            | 7' 11"  | 9' 5"             | 9' 5"   | 12' 3"            | 12' 3"  | 14' 0"            | 14' 0"  |
|                            |          |             | STANDARD | 3' 9"     | 5' 2"  | 6' 9"             | 6' 9"   | 9' 1"             | 9' 1"   | 10' 7"            | 10' 7"  | 14' 0"            | 14' 0"  |
| 24" D.C.                   | SP       | SP          | #1       | 4' 3"     | 6' 8"  | 7' 11"            | 8' 6"   | 9' 5"             | 10' 2"  | 12' 5"            | 13' 5"  | 14' 0"            | 14' 0"  |
|                            |          |             | #2       | 4' 2"     | 6' 8"  | 7' 11"            | 8' 6"   | 9' 5"             | 10' 2"  | 12' 5"            | 13' 5"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 4' 0"     | 6' 2"  | 7' 11"            | 8' 1"   | 9' 5"             | 9' 11"  | 12' 5"            | 12' 8"  | 14' 0"            | 14' 0"  |
|                            |          |             | STUD     | 4' 0"     | 6' 1"  | 7' 11"            | 8' 0"   | 9' 5"             | 9' 11"  | 12' 5"            | 12' 6"  | 14' 0"            | 14' 0"  |
| 16" D.C.                   | HF       | SPF         | STANDARD | 3' 10"    | 5' 3"  | 6' 11"            | 6' 11"  | 9' 4"             | 9' 4"   | 10' 10"           | 10' 10" | 14' 0"            | 14' 0"  |
|                            |          |             | #1 / #2  | 4' 5"     | 7' 8"  | 9' 1"             | 9' 4"   | 10' 10"           | 11' 1"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 4' 4"     | 7' 4"  | 9' 1"             | 9' 1"   | 10' 10"           | 10' 10" | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | STUD     | 4' 4"     | 7' 4"  | 9' 1"             | 9' 1"   | 10' 10"           | 10' 10" | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
| 12" D.C.                   | SP       | HF          | STANDARD | 4' 4"     | 6' 4"  | 8' 4"             | 8' 4"   | 10' 10"           | 10' 10" | 12' 11"           | 12' 11" | 14' 0"            | 14' 0"  |
|                            |          |             | #1       | 4' 10"    | 7' 8"  | 9' 1"             | 9' 9"   | 10' 10"           | 11' 8"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #2       | 4' 9"     | 7' 8"  | 9' 1"             | 9' 9"   | 10' 10"           | 11' 8"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 4' 6"     | 7' 7"  | 9' 1"             | 9' 6"   | 10' 10"           | 11' 4"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
| 12" D.C.                   | DFL      | SPF         | STUD     | 4' 6"     | 7' 6"  | 9' 1"             | 9' 6"   | 10' 10"           | 11' 4"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #1 / #2  | 4' 5"     | 6' 5"  | 8' 6"             | 8' 6"   | 10' 10"           | 11' 1"  | 13' 3"            | 13' 3"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 4' 11"    | 8' 5"  | 10' 0"            | 10' 3"  | 11' 1"            | 12' 3"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | STUD     | 4' 9"     | 8' 5"  | 10' 0"            | 10' 0"  | 11' 1"            | 11' 11" | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
| 12" D.C.                   | HF       | SP          | #1       | 5' 4"     | 8' 5"  | 9' 1"             | 10' 0"  | 10' 9"            | 11' 1"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #2       | 5' 3"     | 8' 5"  | 9' 1"             | 10' 0"  | 10' 9"            | 11' 1"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | #3       | 5' 0"     | 8' 5"  | 9' 1"             | 10' 0"  | 10' 9"            | 11' 1"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
|                            |          |             | STUD     | 5' 0"     | 8' 5"  | 9' 1"             | 10' 0"  | 10' 9"            | 11' 1"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |
| 12" D.C.                   | DFL      | SP          | STANDARD | 4' 11"    | 7' 5"  | 9' 10"            | 9' 10"  | 11' 1"            | 12' 3"  | 14' 0"            | 14' 0"  | 14' 0"            | 14' 0"  |

SYMM ABOUT



| BRACING GROUP SPECIES AND GRADES: |                   |
|-----------------------------------|-------------------|
| GROUP A:                          | SPRUCE-PINE-FIR   |
|                                   | #1 / #2 STANDARD  |
|                                   | #3 STUD           |
|                                   | HEM-FIR           |
|                                   | #2 STANDARD       |
|                                   | #3 STUD           |
| GROUP B:                          | DOUGLAS FIR-LARCH |
|                                   | #3 STUD           |
|                                   | STANDARD          |
|                                   | #3 STUD           |
| GROUP C:                          | DOUGLAS FIR-LARCH |
|                                   | #1 #2             |
|                                   | STANDARD          |
|                                   | #1 #2             |

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH 'L' BRACE WITH 10d NAILS.

\* FOR (1) 'L' BRACE: SPACE NAILS AT 2' D.C. IN 18' END ZONES AND 4' D.C. BETWEEN ZONES.

\* \*FOR (2) 'L' BRACES: SPACE NAILS AT 3' D.C. IN 18' END ZONES AND 6' D.C. BETWEEN ZONES.

\* 'L' BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

| GABLE VERTICAL PLATE SIZES               |            |
|------------------------------------------|------------|
| VERTICAL LENGTH                          | NO SPLICE  |
| LESS THAN 4' 0"                          | 1X4 OR 2X3 |
| GREATER THAN 4' 0", BUT LESS THAN 11' 6" | 25X4       |
| GREATER THAN 11' 6"                      | 3X4        |

\* REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.



\*\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to one of the following sources for detailed information: ITW Building Components Group, Inc. (ITWBCG) or the manufacturer of the trusses. ITWBCG trusses are designed to be installed in accordance with the ITWBCG design manual. ITWBCG trusses are designed to be installed in accordance with the ITWBCG design manual. ITWBCG trusses are designed to be installed in accordance with the ITWBCG design manual.

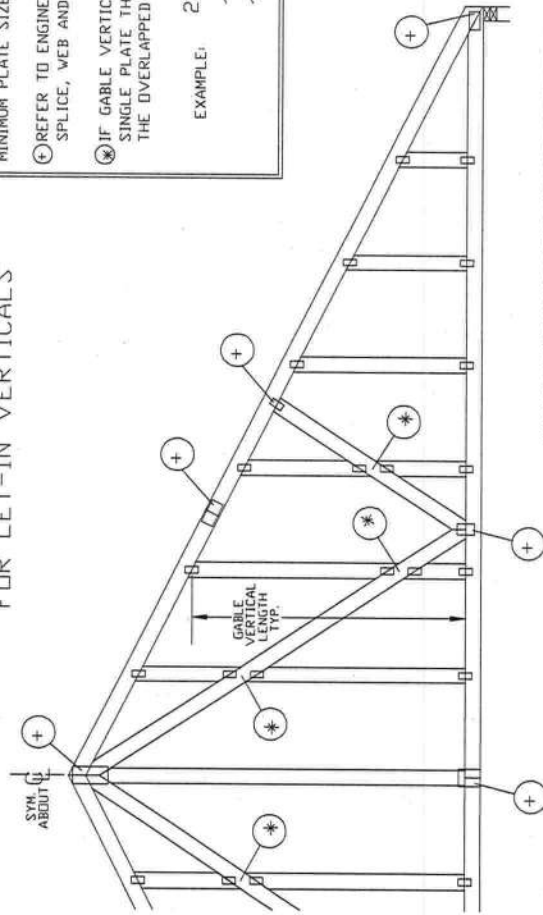
\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any deviation from the design, any failure to build the trusses in conformance with ITWBCG design manual, or any failure to install the trusses in accordance with the ITWBCG design manual. ITWBCG trusses are designed to be installed in accordance with the ITWBCG design manual. ITWBCG trusses are designed to be installed in accordance with the ITWBCG design manual.

ITW Building Components Group Inc.

Earth City, MO 63045

|                      |                  |
|----------------------|------------------|
| REF                  | ASCE7-05-GABI015 |
| DATE                 | 1/1/09           |
| DRWG                 | A11015050109     |
| MAX. TOT. LD. 60 PSF |                  |
| MAX. SPACING 24.0"   |                  |

# GABLE DETAIL FOR LET-IN VERTICALS



## GABLE TRUSS PLATE SIZES

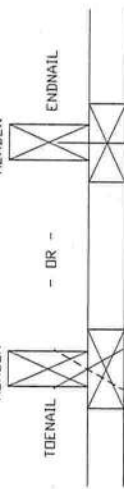
REFER TO APPROPRIATE ITV GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

⊗ IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.



\*T\* REINFORCEMENT ATTACHMENT DETAIL  
\*T\* REINFORCING MEMBER



TO CONVERT FROM 'L' TO 'T' REINFORCING MEMBERS, MULTIPLY 'T' INCREASE BY LENGTH (BASED ON APPROPRIATE ITV GABLE DETAIL).

MAXIMUM ALLOWABLE 'T' REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ 'T' BRACE

| WIND SPEED AND MRH | *T* REINF. MBR. SIZE | *T* INCREASE |
|--------------------|----------------------|--------------|
| 140 MPH            | 2x4                  | 10 %         |
| 15 FT              | 2x6                  | 50 %         |
| 140 MPH            | 2x4                  | 10 %         |
| 30 FT              | 2x6                  | 50 %         |
| 130 MPH            | 2x4                  | 10 %         |
| 15 FT              | 2x6                  | 50 %         |
| 130 MPH            | 2x4                  | 10 %         |
| 30 FT              | 2x6                  | 50 %         |
| 120 MPH            | 2x4                  | 10 %         |
| 15 FT              | 2x6                  | 50 %         |
| 120 MPH            | 2x4                  | 10 %         |
| 30 FT              | 2x6                  | 50 %         |
| 110 MPH            | 2x4                  | 10 %         |
| 15 FT              | 2x6                  | 40 %         |
| 110 MPH            | 2x4                  | 10 %         |
| 30 FT              | 2x6                  | 50 %         |
| 100 MPH            | 2x4                  | 20 %         |
| 15 FT              | 2x6                  | 30 %         |
| 100 MPH            | 2x4                  | 10 %         |
| 30 FT              | 2x6                  | 40 %         |
| 90 MPH             | 2x4                  | 20 %         |
| 15 FT              | 2x6                  | 20 %         |
| 90 MPH             | 2x4                  | 20 %         |
| 30 FT              | 2x6                  | 30 %         |

EXAMPLE:

ASCE WIND SPEED = 100 MPH  
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00  
GABLE VERTICAL = 24' D.C. SP #3  
\*T\* REINFORCING MEMBER SIZE = 2x4  
\*T\* BRACE INCREASE (FROM ABOVE) = 10% = 1.10  
(1) 2x4 'L' BRACE LENGTH = 6' 7"  
MAXIMUM 'T' REINFORCED GABLE VERTICAL LENGTH  
1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH \*T\* REINFORCING MEMBER WITH

END DRIVEN NAILS:

10d COMMON (0.148" X 3" MIN) NAILS AT 4' O.C. PLUS  
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAIL NAILS:

10d COMMON (0.148" X 3" MIN) TOENAILS AT 4' O.C. PLUS  
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITV GABLE DETAIL FOR ASCE WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015980109, A12015980109, A11015980109, A10015980109,

A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015020109, A12015020109, A11015020109, A10015020109,

A13030020109, A12030020109, A11030020109, A10030020109

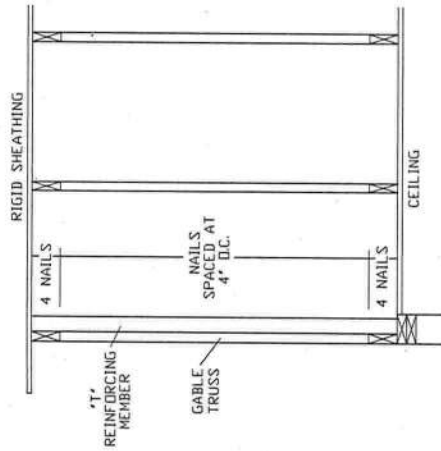
ASCE 7-05 GABLE DETAIL DRAWINGS

A13015050109, A12015050109, A11015050109, A10015050109,

A13030050109, A12030050109, A11030050109, A10030050109

SEE APPROPRIATE ITV GABLE DETAIL FOR MAXIMUM

UNREINFORCED GABLE VERTICAL LENGTH.



\*\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET

ITV Building Components Group Inc. (ITVBCG) shall not be responsible for any deviation from the design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITVBCG connector plates are made of 2018/16GA C/J/S/KO ASTM A572 Grade 50 (30ksi min yield) galv. steel. Apply plates to each face of truss, positioned as shown above and on Joint Details. A seal on this drawing or cover page indicates acceptance and 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.

ITV-BCG www.itvbcg.com TPI www.tpinet.com VTC www.vtcindustry.com ICC www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045



REF LET-IN VERT

DATE 1/1/09

DRWG GBLLETIN0109

MAX TOT. L.D. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"