

DATE 04/29/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027778

APPLICANT PEGGY EDGLEY PHONE 752-0580
ADDRESS 590 SW FREEDOM COURT FORT WHITE FL 32038
OWNER KENNETH & LINDA STAPLETON PHONE 772-581-8792
ADDRESS 335 SE FREEDOM COURT FORT WHITE FL 32038
CONTRACTOR EDGLEY CONSTRUCTION PHONE 752-0580
LOCATION OF PROPERTY 47 S, R CR 238, L JUNCTION, R JENSEN, L FREEDOM THEN
LOT IS 2ND ON THE LEFT
TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 137550.00
HEATED FLOOR AREA 1874.00 TOTAL AREA 2751.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 18-6S-16-03865-019 SUBDIVISION ICHETUCKNEE MEADOWS S/D
LOT 19 BLOCK PHASE UNIT TOTAL ACRES 5.00

RR28281136
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 09-0220- BK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD,

Check # or Cash 967

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 690.00 CERTIFICATION FEE \$ 13.76 SURCHARGE FEE \$ 13.76
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 792.52
INSPECTORS OFFICE L. Hockler CLERKS OFFICE CN

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

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

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

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

PERMIT NO. _____

TAX FOLIO NO. R03865-019

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

Inst:200912008111 Date:5/18/2009 Time:3:26 PM
P.D.C., P. DeWitt Cason, Columbia County Page 1 of 1 B:1173 P:794

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: Lot 19, Ichetucknee Meadows, according to the map or plat thereof as recorded in Plat Book 4, Page 66 and 66A, public records of Columbia County, Florida
2. General description of improvement: Construction of Dwelling
3. Owner information:
a. Name and address: KENNETH L. STAPLETON and his wife, LINDA G. STAPLETON, 9056 107th Court, Vero Beach, FL 32967
b. Interest in property: Fee Simple
c. Name and address of fee simple title holder (if other than Owner): NONE
4. a. Contractor (name and address): EDGLEY CONSTRUCTION COMPANY, 590 SW Arlington Boulevard, Suite 105, Lake City, FL 32025
b. Contractor's phone number: 386-752-0580
5. Surety:
a. Name and address: N/A
b. Phone Number: _____
c. Amount of bond: _____
6. Lender: FIRST FEDERAL BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
(386) 755-0600
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

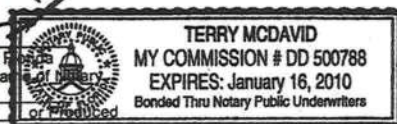
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Kenneth L. Stapleton
Signature of Owner or Owner's Authorized Officer/Director Partner/Manager

Signatory's Title/Office

The foregoing instrument was acknowledged before me this 18th day of May, 2009 by KENNETH L. STAPLETON & his wife, LINDA G. STAPLETON. They are personally known to me & did not take an oath.

Terry McDavid
Signature of Notary Public - State of Florida
Print, Type, or Stamp Commission Number of Notary
Public Commission Number: _____
Personally Known
Identification



Verification Pursuant to Section 92.525, Florida Statutes

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Kenneth L. Stapleton
Signature of Natural Person Signing Above
Kenneth L. Stapleton

Linda G. Stapleton

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

By: Shaun Seagle
Deputy Clerk

Date: 05-18-2009



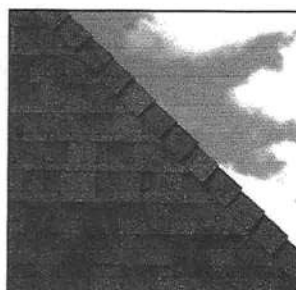


ELK

ROOFING PRODUCTS SPECIFICATIONS – TUSCALOOSA, AL



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE®

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size _____ 13¼" x 39"
Exposure _____ 5½"
Pieces/Bundle _____ 16
Bundles/Square _____ 4/98.5 sq.ft.
Squares/Pallet _____ 11

50-year limited warranty period:
5-7**years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph, extended
110 mph***

Raised Profile

Product size _____ 13¼" x 38½"
Exposure _____ 5½"
Pieces/Bundle _____ 22
Bundles/Square _____ 3/100 sq.ft.
Squares/Pallet _____ 16

30-year limited warranty period:
5-7**years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 70 mph.

Prestique I *High Definition*

Product size _____ 13¼" x 39"
Exposure _____ 5½"
Pieces/Bundle _____ 16
Bundles/Square _____ 4/98.5 sq.ft.
Squares/Pallet _____ 14

40-year limited warranty period:
5-7**years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph, extended
90 mph***

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12"x 12"
Exposure: 6½"
Pieces/Bundle: 45
Coverage: 4 Bundles =
100 linear feet

Vented RidgeCrest™ w/FLX™

Size: 13"x13¼"
Exposure: 9½"
Pieces/Box: 26
Coverage: 5 boxes =
100 linear feet

Prestique *High Definition*

Product size _____ 13¼" x 38½"
Exposure _____ 5½"
Pieces/Bundle _____ 22
Bundles/Square _____ 3/100 sq.ft.
Squares/Pallet _____ 16

30-year limited warranty period:
5-7**years non-prorated coverage for
shingles and application labor with
prorated coverage for remainder of
limited warranty period, plus an
option for transferability*. 5-year
limited wind warranty*. Wind
Coverage: standard 80 mph.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.

**Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NV, & OR.

***For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grandé, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes[4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)], use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

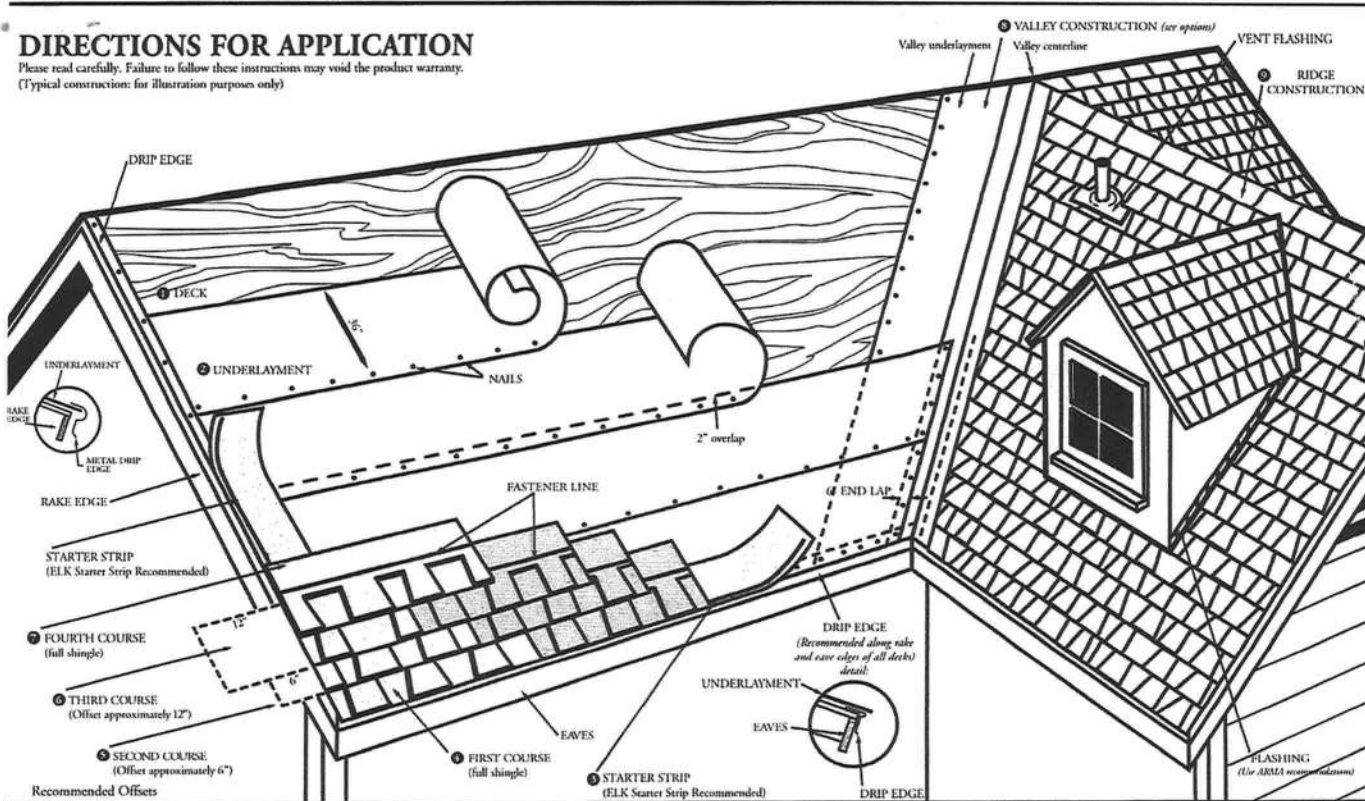
CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

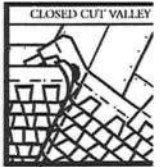
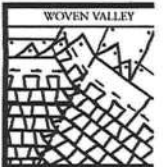
ELK
The Premium Choice®
www.elkcorp.com
CS00T 06/04

DIRECTIONS FOR APPLICATION

Please read carefully. Failure to follow these instructions may void the product warranty.
(Typical construction: for illustration purposes only)



10 VALLEY CONSTRUCTION C
(California Open and California C
also acceptable valleys.)



NOTE: For complete ARMA val
installation details, see ARMA
roofing installation guide.

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

1 DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

2 UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield® or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds of underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

3 STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

4 FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

5 SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

6 THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

7 FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

8 VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

9 RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z²Ridge or Seal-A-Ridge® with formula FLX™ or RidgeCrest™ with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

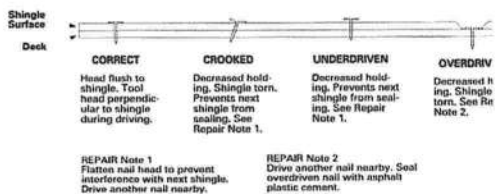
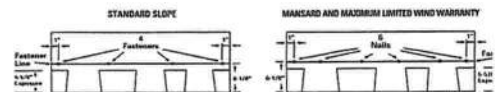
LIMITED WIND WARRANTY

• For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.

* For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBL THICKNESS (laminated) area of the shingle. Nails or staple must be placed along – and through – the "fastener line" or o products without fastener lines, nail or staple between and i line with sealant dots. CAUTION: Do not use fastener line f shingle alignment.



Refer to local codes which in some areas may require specif application techniques beyond those Elk has specified.

All Prestique and Raised Profile shingles have a U.L.® Wir Resistance Rating when applied in accordance with the instructions using nails or staples on re-roofs as well as ne construction.

CAUTION TO WHOLESALER: Careless and improper storage i handling can harm fiberglass shingles. Keep thes shingles completely covered, dry, reasonably cool, ar protected from the weather. Do not store near variou sources of heat. Do not store in direct sunlight until applie DO NOT DOUBLE STACK. Systematically rotate all stock s that the material that has been stored the longest will be t first to be moved out.



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Columbia County Building Permit Application

For Office Use Only Application # 0904-31 Date Received 4/23/09 By GT Permit # 27778
Zoning Official BLK Date 28.04.09 Flood Zone X Land Use A-3 Zoning A-5
FEMA Map # N/A Elevation N/A MFE 1st River N/A Plans Examiner HO Date 4-28-09
Comments _____
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
School _____ = TOTAL N/A see attached memo

Septic Permit No. 09-0220 Fax 386-752-4904
Name Authorized Person Signing Permit Peggy Edgley Phone 386-752-0580
Address 590 Sw Arlington Blvd, Suite 113, Lake City, FL 32025
Owners Name Kenneth & Linda Stapleton Phone 772-581-8792
911 Address 335 SW Freedom court, Ft. White, FL 32038
Contractors Name Edgley Construction Co. Div of CEE BAS Phone 386-752-0580
Address 590 SW Arlington Blvd, Suite 113, Lake City, FL 32025
Fee Simple Owner Name & Address Kenneth & Linda Stapleton
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disosway, P.E., P.O. Box 868, Lake City FL 32056
Mortgage Lenders Name & Address FFSB, P.O. Box 2029, Lake City, FL 32056
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
Property ID Number 18-6S-16-03865-019 Estimated Cost of Construction \$169,000.00
Subdivision Name Ichetucknee Meadows S/D Lot 19 Block _____ Unit _____ Phase _____
Driving Directions SR 47 south, TR on County Road 238, TL on Junction, TR on Jensen
TL on Freedom lot is on left, 2nd lot
Number of Existing Dwellings on Property N/A

Construction of Residential Home Total Acreage 5 Lot Size _____
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____
Actual Distance of Structure from Property Lines - Front 164' Side 120'4" Side 158' Rear 430'8"
Number of Stories 1 Heated Floor Area 1874 Total Floor Area 2751 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.

Professional Title
1546 N. US 1
Sebastian, Florida 32958

Instrument Prepared by:

Professional Title
1546 N. US 1
Sebastian, Florida 32958

Party Appointers Parcel Identification

Number(s): ID#R03865-019

rec[s] S.S. # (s)

P-40835

Inst:200912005747 Date:4/8/2009 Time:12:07 PM
Doc Stamp-Deed:245.00

RLDC, P. DeWitt Cason, Columbia County Page 1 of 1 B:1170 P:2189

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This Warranty Deed, Made the 30 day of March 2009 by
Harold F. Hall and Christine L. Hall, husband and wife

hereinafter called the Grantor, to Kenneth L. Stapleton and Linda G. Stapleton, husband and wife
whose post office address is 9056 107th Court, Vero Beach, FL 32967

hereinafter called the Grantee.

Wherever used herein the terms "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, wherever the context so admits or requires.)

Witnesseth, That the Grantor, for and in consideration of the sum of \$ 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, State of Florida, viz:

Lot 19, Ichetucknee Meadows, according to the plat thereof, as recorded
in Plat Book 4, Page 66A, Public Records of Columbia County, Florida.

Subject to all valid restrictions, reservations, easements and zoning
of record.

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, and hereby 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, 2008

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

Signed, sealed and delivered in the presence of:

Witness Signature (as to said Grantor)
Cathy L. Snow

Printed Name
Cathy L. Snow

Witness Signature (as to said Grantor)
Cynthia M. Rich

Printed Name

Witness Signature (as to Co-Grantor, if any)

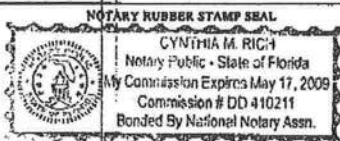
Printed Name

Witness Signature (as to Co-Grantor, if any)

Printed Name

STATE OF Florida)
COUNTY OF Indian River)
Harold F. Hall and Christine L. Hall

known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that
executed the same, and an oath was not taken. (Check one: ☐ Said person(s) is/are personally known to me. ☐ Said person(s) provided the
following type of identification: Drivers License



Signature
Harold F. Hall

Printed Name
Harold F. Hall

Post Office Address
7750 94th Court, Vero Beach, FL 32967

Post Office Address

Signature
Christine L. Hall

Printed Name
Christine L. Hall

Post Office Address
7750 94th Court, Vero Beach, FL 32967

Post Office Address

I hereby Certify that on this day, before me, an officer duly authorized
to administer oaths and take acknowledgments, personally appeared

Witness my hand and official seal in the County and State last aforesaid
this 30 day of March, A.D. 2009

Notary Signature
Cynthia M. Rich

Printed Name

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

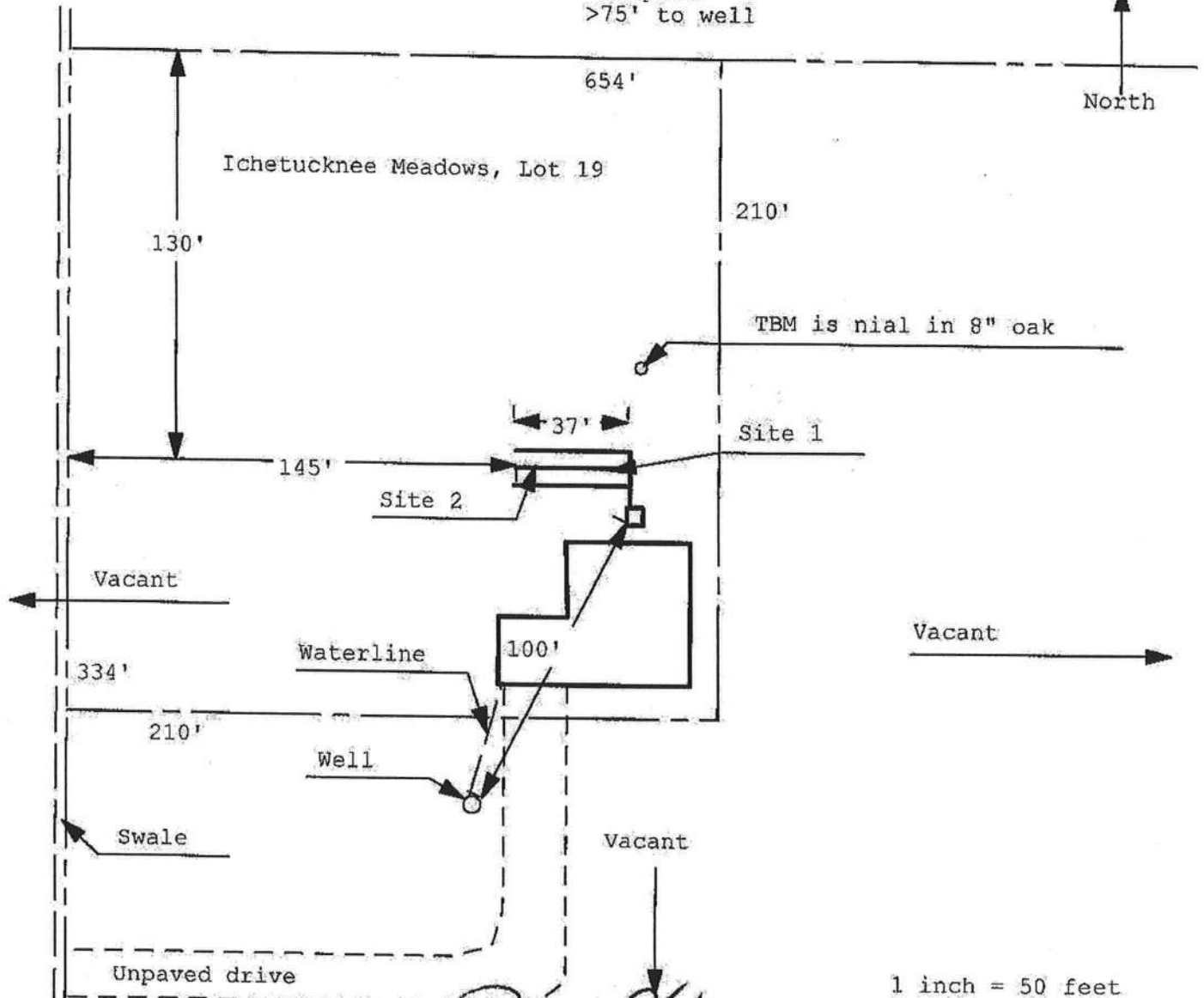
Permit Application Number: 09-0220

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

STAPLETON/CR 08-4601

Occupied
>75' to well

North



Site Plan Submitted By Paul L. Lox

Plan Approved ☒ Not Approved ☐

Date 3/30/09

Date 4-21-09

By Mu & Lox

Columbia CPHU

Notes:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: 903312EdgleyConstructionStapletonRes
 Street:
 City, State, Zip: Lake City, FL, 32025-
 Owner: Stapleton, Ken & Linda
 Design Location: FL, Gainesville

Builder Name: Edgley Construction
 Permit Office: *Columbia*
 Permit Number: *27778*
 Jurisdiction: *221000*

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft ²)	1874	
7. Windows	Description	Area
a. U-Factor:	Dbl, default	193.33 ft ²
SHGC:	Clear, default	
b. U-Factor:	Dbl, default	20.00 ft ²
SHGC:	Clear, default	
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1874.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	1405.30 ft ²
b. Frame - Steel, Adjacent	R=13.0	173.33 ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1958.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 180 ft ²		
12. Cooling systems		
a. Central Unit	Cap: 35 kBtu/hr	SEER: 13
13. Heating systems		
a. Electric Heat Pump	Cap: 35 kBtu/hr	HSPF: 7.9
14. Hot water systems		
a. Electric	Cap: 40 gallons	EF: 0.93
b. Conservation features		
None		
15. Credits		None

Glass/Floor Area: 0.114

Total As-Built Modified Loads: 32.79

Total Baseline Loads: 39.16

PASS

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

PREPARED BY:

DATE: *4/1/09*

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

OWNER/AGENT: _____

DATE: _____

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



BUILDING OFFICIAL: _____

DATE: _____

PROJECT

Title:	903312EdgleyConstructionSt	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	Stapleton, Ken & Linda	Conditioned Area:	1874	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Edgley Construction	Worst Case:	Yes	Street:	
Permit Office:		Rotate Angle:	90	County:	Columbia
Jurisdiction:		Cross Ventilation:	No	City, State, Zip:	Lake City , FL , 32025-
Family Type:	Single-family	Whole House Fan:	No		
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	182 ft	0	1874 ft²	0.3	0.3	0.4

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	2096 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	303	1874 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1958 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Face Brick - Wood	13	448 ft²	0	0.23	0.75
_____	2	S	Exterior	Face Brick - Wood	13	274.67 ft²	0	0.23	0.75
_____	3	E	Exterior	Face Brick - Wood	13	285.33 ft²	0	0.23	0.75
_____	4	W	Exterior	Face Brick - Wood	13	341.33 ft²	0	0.23	0.75
_____	5	NW	Exterior	Face Brick - Wood	13	56 ft²	0	0.23	0.75
_____	6	N	Garage	Frame - Steel	13	173.33 ft²	0	0.23	0.01

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	NW	Insulated	None	0.4	10 ft²
_____	2	S	Insulated	None	0.4	20 ft²
_____	3	N	Insulated	None	0.4	20 ft²
_____	4	NW	Insulated	None	0.4	10 ft²

WINDOWS

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

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	N	Metal	Double (Clear)	No	0.8	0.7	N	20 ft²	0 ft 96 in	0 ft 6 in	HERS 2006	None
_____	2	N	Metal	Double (Clear)	No	0.87	0.66	N	20 ft²	0 ft 96 in	0 ft 6 in	HERS 2006	None
_____	3	NW	Metal	Double (Clear)	No	0.87	0.66	N	20 ft²	0 ft 96 in	0 ft 6 in	HERS 2006	None
_____	4	N	Metal	Double (Clear)	No	0.87	0.66	N	60 ft²	0 ft 18 in	0 ft 6 in	HERS 2006	None
_____	5	E	Metal	Double (Clear)	No	0.87	0.66	N	16 ft²	0 ft 18 in	0 ft 6 in	HERS 2006	None
_____	6	S	Metal	Double (Clear)	No	0.87	0.66	N	30 ft²	0 ft 84 in	0 ft 6 in	HERS 2006	None
_____	7	S	Metal	Double (Clear)	No	0.87	0.66	N	13.33 ft²	0 ft 84 in	0 ft 8 in	HERS 2006	None
_____	8	S	Metal	Double (Clear)	No	0.87	0.66	N	30 ft²	0 ft 18 in	0 ft 6 in	HERS 2006	None
_____	9	W	Metal	Double (Clear)	No	0.87	0.66	N	4 ft²	0 ft 18 in	0 ft 6 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation ---		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
_____	Default	0.00036	1770	7.08	97.1	182.7	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	518.4 ft²	518.4 ft²	70 ft	8 ft	11

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 13	35 kBtu/hr	1050 cfm	0.75	

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.9	35 kBtu/hr	

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.93	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

✓	#	Location	---- Supply ---- R-Value Area	Location	---- Return ---- Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6 180 ft²	Attic	120 ft²	Default Leakage	Interior				

TEMPERATURES

Programable Thermostat: N				Ceiling Fans:									
Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Thermostat Schedule: HERS 2006 Reference													
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

Lake City, FL, 32025-

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 84

The lower the EnergyPerformance Index, the more efficient the home.

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Face Brick - Wood, Exterior	R=13.0	1405.30 ft²
3. Number of units, if multiple family	1	b. Frame - Steel, Adjacent	R=13.0	173.33 ft²
4. Number of Bedrooms	3	c. N/A	R=	ft²
5. Is this a worst case?	Yes	d. N/A	R=	ft²
6. Conditioned floor area (ft²)	1874	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	1958.00 ft²
a. U-Factor:	Dbl, default	b. N/A	R=	ft²
SHGC:	Clear, default	c. N/A	R=	ft²
b. U-Factor:	Dbl, default	11. Ducts		
SHGC:	Clear, default	a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 180 ft²		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 35 kBtu/hr	
d. U-Factor:	N/A		SEER: 13	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 35 kBtu/hr	
SHGC:			HSPF: 7.9	
8. Floor Types	Insulation	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	a. Electric	Cap: 40 gallons	
b. N/A	R=		EF: 0.93	
c. N/A	R=	b. Conservation features		
		None		
		15. Credits		None

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

Builder Signature: _____ Date: _____

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



*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

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

Addressing Maintenance

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

DATE REQUESTED: 3/19/2009 DATE ISSUED: 3/20/2009

ENHANCED 9-1-1 ADDRESS:

335 SW FREEDOM CT

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

18-6S-16-03865-019

Remarks:

STRUCTURE ON LOT 19 ICHETUCKNEE MEADOWS S/D

Approved Address

MAR 20 2009

911Addressing/GIS Dept

Address Issued By: 

Columbia County 9-1-1 Addressing / GIS Department

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

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-185
FAX (904) 755-7022
XXXXXX
LAKE CITY, FLORIDA 32
904 NW Main Blvd

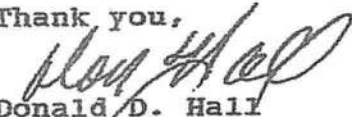
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - Jody DuPree
District No. 4 - Stephen E. Bailey
District No. 5 - Scarlet P. Frisina



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

March 6, 2009

M E M O

TO: John Kerce, Chief Building Official
Brian Kepner, County Planner

FR: Dale Williams, County Manager

A handwritten signature in black ink, appearing to read "Dale", with a horizontal line underneath.

RE: Impact Fees – FOR IMMEDIATE ATTENTION

Effective immediately you are to suspend the collection of impact fees. This suspension was approved by the Board of County Commissioners in their regular meeting of March 5, 2009. The suspension includes those fees levied by both ordinances, general government and schools. The approved suspension is in anticipation of a moratorium to be approved March 19, 2009.

You are also requested to provide a list of all impact fees collected since January 1, 2009. This list should include the following information:

- 1.) the name of the person/business who initially paid the impact fee and the date paid
- 2.) the name of the owner on whose project the impact fee was paid
- 3.) a "breakdown" on the impact collected by category (i.e. corrections, transportation, EMS, fire, school)

For those fees recently collected but not yet deposited, I suggest you hold the checks (I assume no cash was collected) until after the March 19, 2009 Public Hearing to impose a moratorium. You should notify the check issuer of the reason you are holding the check.

DW/pds

XC: Impact Fees File
Board of County Commissioners
Outgoing Correspondence

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 18-6S-16-03865-019

Building permit No. 000027778

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder EDGLEY CONSTRUCTION

Waste: 0.00

Owner of Building KENNETH & LINDA STAPLETON

Total: 0.00

Location: 335 SW FREEDOM COURT, FT. WHITE, FL

Date: 11/23/2009



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



ITW Building Components Group, Inc. Stapleton

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: ITS58228Z0401161743

Permit # 27778

Truss Fabricator: Anderson Truss Company
 Job Identification: 9-124--Fill in later DOUG EDGLEY -- , **
 Truss Count: 38
 Model Code: Florida Building Code;
 Truss Criteria: FBC2007Res/TPI-2002(STD);CUSTOM/TPI-2002(STD)
 Engineering Software: Alpine Software, Versions 8.07, 9.02.
 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



Seal Date: 06/01/2009

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: HCUSR8228

-Truss Design Engineer-
 James F. Collins Jr.
 Florida License Number: 52212
 1950 Marley Drive
 Haines City, FL 33844

Details: BRCLBSUB-HIPFRAME-

#	Ref	Description	Drawing#	Date
1	05995--H9A		09152036	06/01/09
2	05996--H11A		09152037	06/01/09
3	05997--H13A		09152038	06/01/09
4	05998--H15A		09152039	06/01/09
5	05999--H17A		09152040	06/01/09
6	06000--H19A		09152041	06/01/09
7	06001--H21A		09152042	06/01/09
8	06002--A1		09152043	06/01/09
9	06003--A2		09152044	06/01/09
10	06004--A3		09152045	06/01/09
11	06005--A4		09152046	06/01/09
12	06006--A5		09152047	06/01/09
13	06007--A6		09152048	06/01/09
14	06008--H7A		09152049	06/01/09
15	06009--H15B		09152050	06/01/09
16	06010--H13BT		09152051	06/01/09
17	06011--H11BT		09152052	06/01/09
18	06012--H9BT		09152053	06/01/09
19	06013--H7BT		09152054	06/01/09
20	06014--H21BV		09152055	06/01/09
21	06015--H19BV		09152056	06/01/09
22	06016--H17BV		09152057	06/01/09
23	06017--H7C		09152058	06/01/09
24	06018--C1		09152059	06/01/09
25	06019--C		09152000	06/01/09
26	06020--H9C		09152060	06/01/09
27	06021--F3		09152061	06/01/09
28	06022--F2		09152062	06/01/09
29	06023--T10		09152063	06/01/09
30	06024--EJ7		09152064	06/01/09
31	06025--J1		09152065	06/01/09
32	06026--HJ7		09152066	06/01/09
33	06027--J3		09152067	06/01/09
34	06028--J5		09152068	06/01/09
35	06029--J3T		09152069	06/01/09
36	06030--J5T		09152070	06/01/09

#	Ref	Description	Drawing#	Date
37	06031--EJ7T		09152071	06/01/09
38	06032--HJ7T		09152072	06/01/09



1110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

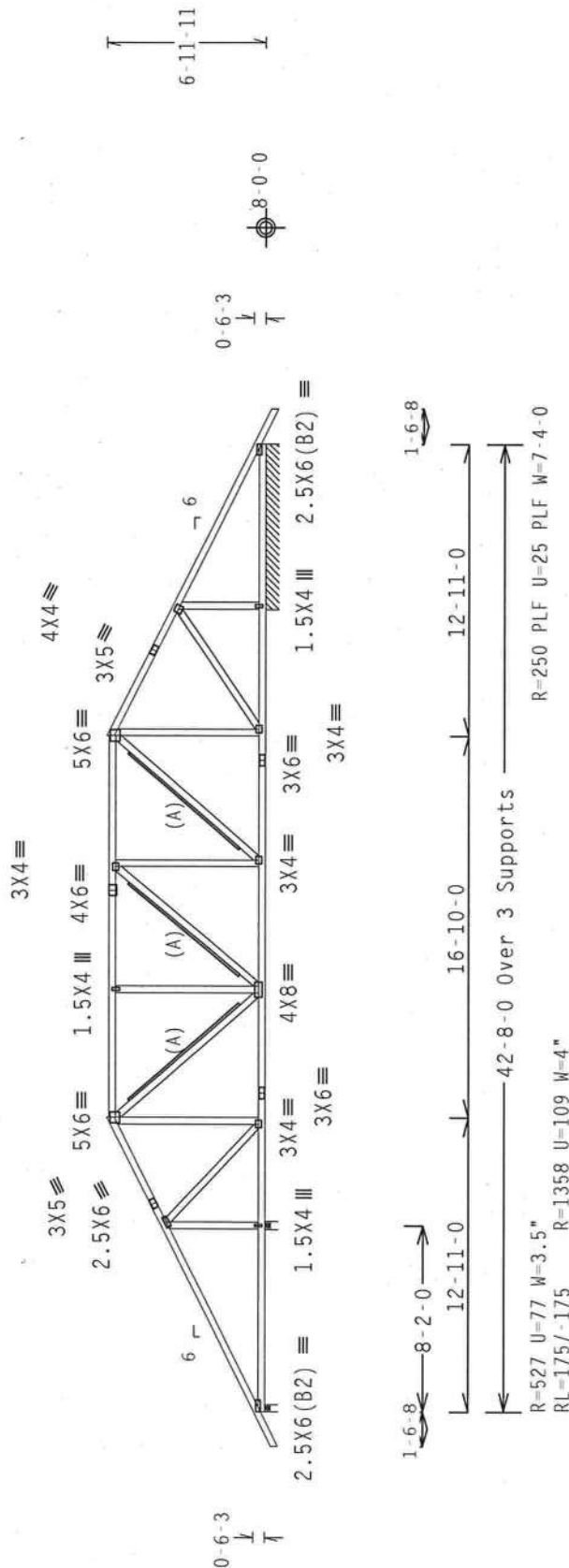
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.) nails @ 6" OC.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

WARNING: This truss must be installed exactly as shown. It can not be used installed end-for-end.

Design Crit: FBC2007Res/TPI - 2002(STD)
 $FT/RT=20\%(0\%) / 10(0)$

Scale = 125"/Ft.

El 1-141-1-1R1-

OTY:1



7

9.0

(0) 20

0% / 1

 $T = 20^\circ$ 1002
FET

25

7

Wav

LT TY

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE FABRICATION COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 2100 MILLER AVE., SUITE 310, CALABASAS, CA 91301) AND AISC (4000 TRISTEAD DRIVE, SUITE 100, IRVING, TX 75039) FOR ALL FABRICATION, ERECTION, AND MAINTENANCE PRACTICES AND PROCEDURES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MSS (NATIONAL DESIGN SPEC. BY ASFAP) AND TPI. 17V BCG

CONSTRUCTOR PLATES ARE MADE OF 26/18/166A (4.1N/55K) ASTM A553 GRADE 40/60 (4. K/H,55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LISTED ON THIS DESIGN, POSITION DRAWINGS. 166A-2

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TP11-2002 SEC. 3.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. DESIGNER, REPRODUCED HEREIN, IS NOT TO BE USED FOR ANY OTHER PURPOSE.

001C0106G CUSTOMER PER ARSI/TP1 1 SEC. Z.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL.COM 4078

21

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3		

Roof overhang supports 2.00 psf soffit load.

(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

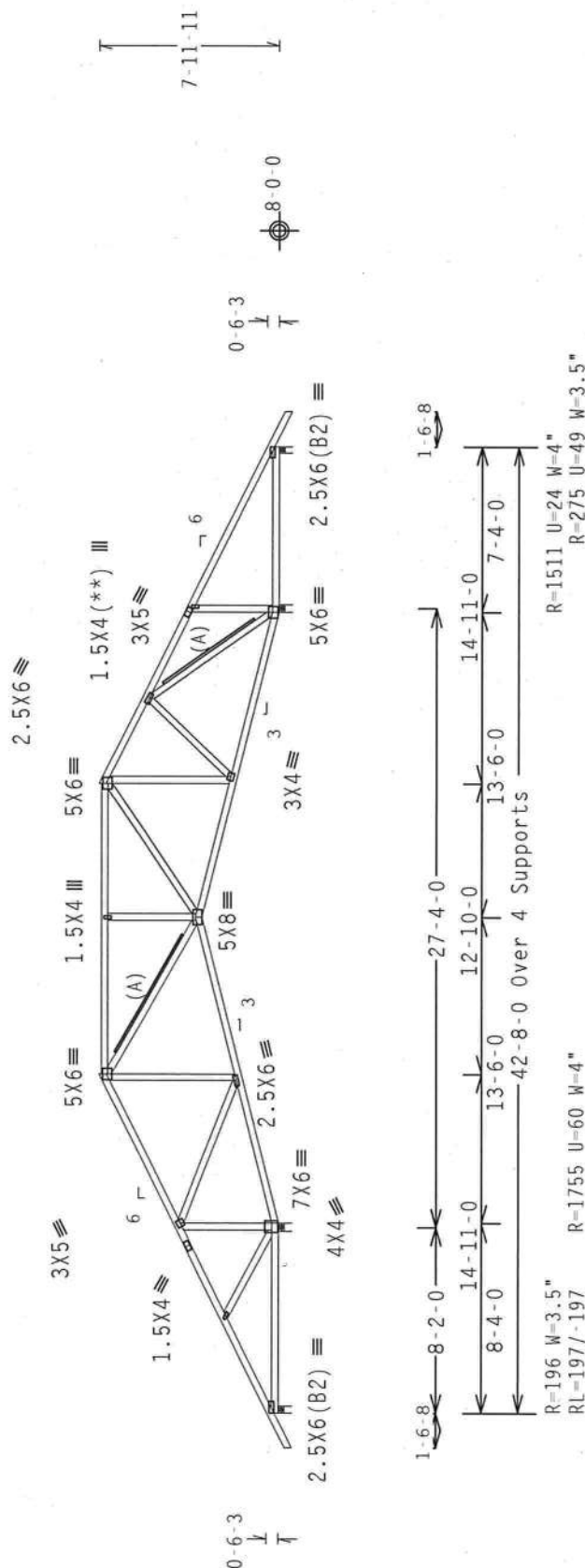
Deflection meets L/240 live and L/180 total load.

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

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

Design Crit: CUSTOM/TPI-2002 (STD)
FT/RT=20% (0%) / 10 (0%)

PLT TYP. Wave

8.07.00

FL1-141-1-1R1-

Scale = .125"/Ft.

[illegible]

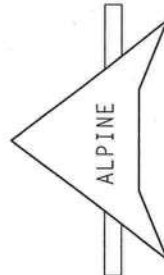
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BGS BUILDING COMPONENTS SAFETY HANDBOOK FOR COMPLETE INFORMATION. BGS BUILDING COMPONENTS, INC., 600 NORTH LEE STREET, SUITE 312, NORFOLK LEASE, VA. 22314, (800) 769-2211 OR TRUSS COUNCIL OF AMERICA, 1000 NORTH LIFE STREET, MADISON, WI 53719. FOR SAFETY PRACTICES AND PRECAUTIONS TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MODELING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CRUSS PAPER INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND TPIA (WOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI1. ALL BCG CONNECTOR PLATES ARE MADE OF 20/18/176GA (.017553") ASTM A663 GRADE 50/60 (K/PN-55) GALV. STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIAGRAMS 160A-2. UNLESS OTHERWISE INDICATED, ALL TRUSS MEMBERS SHALL BE 20/18/176GA (.017553") GALV. STEEL. THE TRUSS CONTRACTOR SHALL OBTAIN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SIGNED FOR THE TRUSS CONTRACTORS DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASH/TPI 1 SEC. 2.



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

JREF- 1TS58228Z04

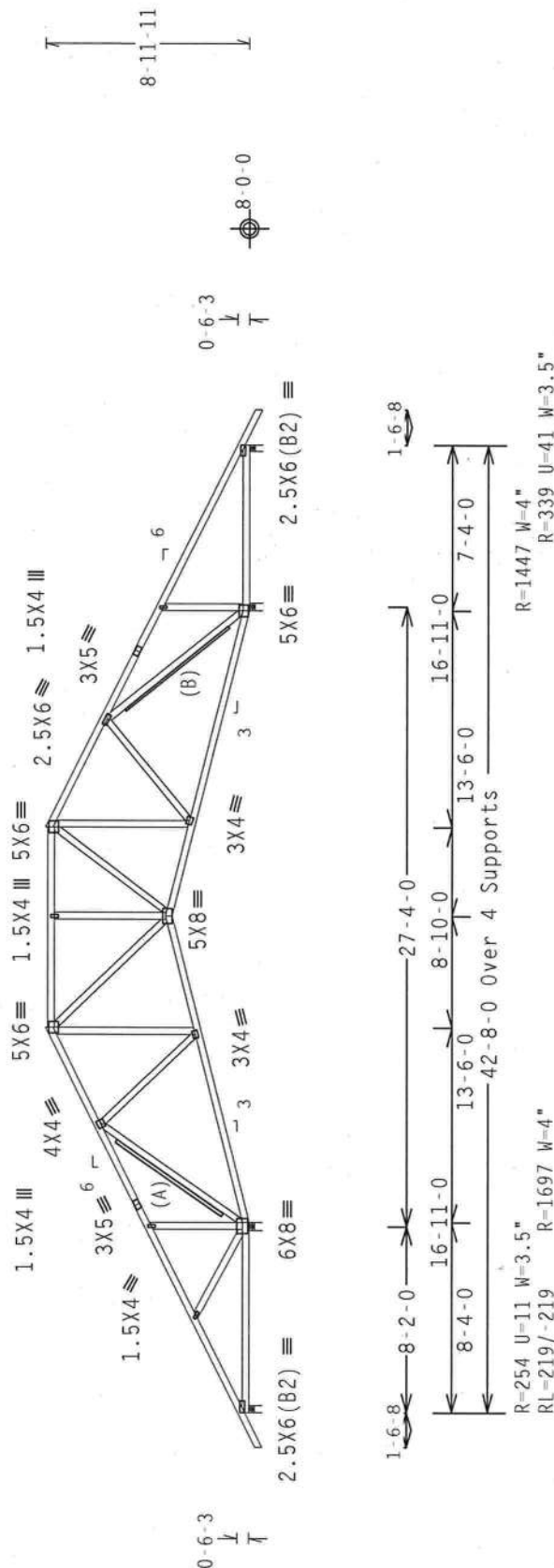
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC 01=5.0 psf, wind BC DL=5.0 psf. $1w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MwFRS pressures.

(B) 1x4 #3SRB SPF-S or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

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

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/-

Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO CESS BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY CESS (CRUSS PLATE INSTITUTE, 6100 WEST 31ST STREET, SUITE 310, DENVER, CO 80231) AND TRUSS (40600 CESS TRUSS CORP., 2221 40TH AVE., SUITE 200, BOULDER, CO 80501) FOR THE PROPER TRUSS FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS MANUFACTURER'S NAME, MANUFACTURING DATE, MANUFACTURING NUMBER, MANUFACTURING PROCESS, DESIGN FUNCTION, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

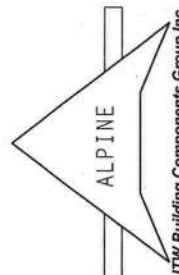
*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A PROPERLY ENGINEERED TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALICANTANIA, MA 02321-0001 FOR ALL TRUSS CONSULTATIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VARIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THESE SPECIFICATIONS WILL BE AT THE CONTRACTOR'S RISK. IF THE CONTRACTOR WANTS TO MAKE ANY CHANGES TO THE TRUSS, THEY MUST FIRST CONSULT WITH ITR BCG, INC. BEFORE FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, AND THE SHIPPING, INSTALLING AND BRACING OF TRUSSES MUST BE DONE IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS. IF YOU HAVE ANY QUESTIONS, PLEASE REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS BOARDS OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314. AND AISC (A000) TRUSS COUNCIL OF AMERICA, 1100 ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE SHIPPING, INSTALLING, AND BRACING OF TRUSSES.

DESIGN CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/55) ASTM A653 GRADE SPEC. (BY AFAPA) AND TPL. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/55) ASTM A653 GRADE SPEC. (BY AFAPA) AND TPL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 TO 160A-5. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMES AS OF TPL1-2002 SEC.3. A SEAL ON THIS INSPECTION SHALL BE REQUIRED FOR PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TRUSS COMPONENT OF THE DESIGN. SHOW THE APPLICABLE TRUSS DESIGN OF THIS CONSTRUCTION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING. SEE DRAWING 160A-1 TPL 1-2.



ITW Building Components Group Inc.
Haines City, FL 33844
FL 888-278-2788

TC LL	20.0 PSF	REF	R8228 - 5999
TC DL	10.0 PSF	DATE	06/01/09
BC DL	10.0 PSF	DRW	HCUSR8228 09152040
BC LL	0.0 PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0 PSF	SEQN	26915
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TS58228Z04

(9-124--Fill in later DOUG EDGLEY --, ** - H19A)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00 G_{CPI}(+/-)=0.18$

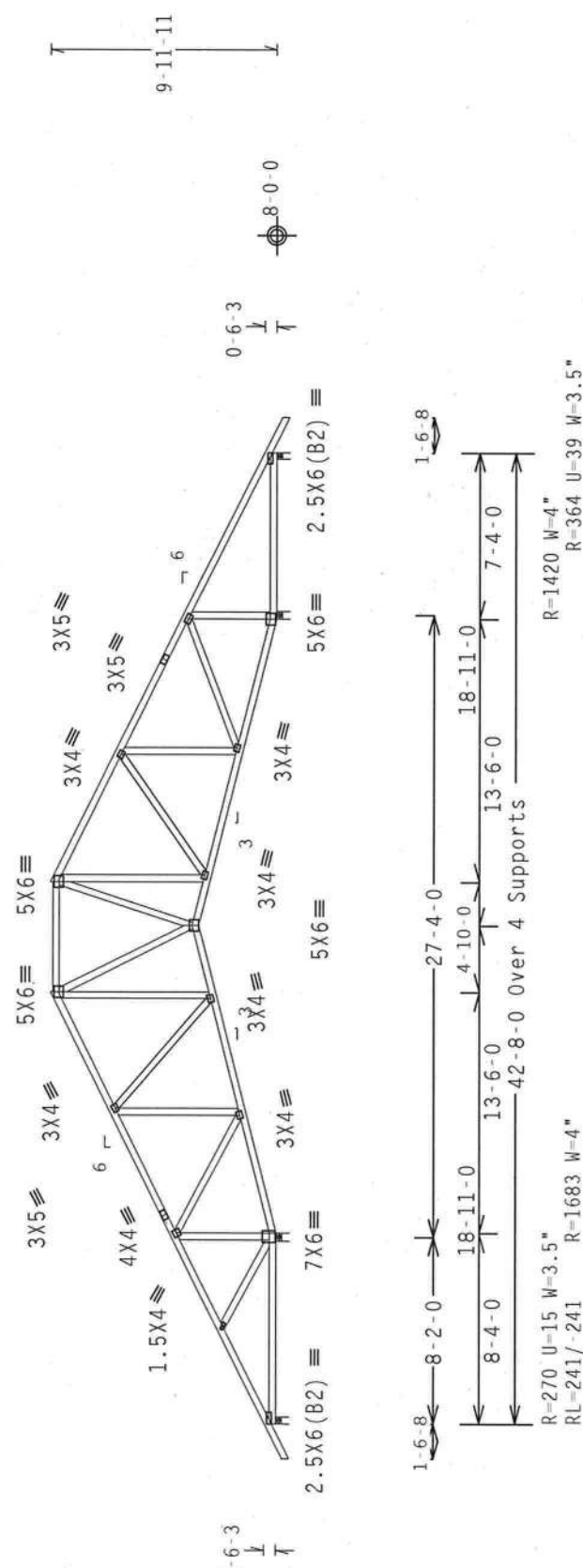
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .125"/Ft.

QTY: 1

FL/-/4/-/R/-

8.07.00

PLT TYP. Wave

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	R8228- 6000
DATE	06/01/09
DRW	HCUSR8228 09152041
HC-ENG	TCE/WHK
SEON-	26918

PLT TYP. Wave

ALPINE

FLCC 06-278

ntw Building Components Group Inc.

Haines City, FL 33844

FLCC 06-278

Jun 01 09

FLCC 06-278

Jun 01 09

PLT TYP. Wave

PLT TYP. Wave

(9-124--Fill in later DOUG EDGLEY --, ** - H21A)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

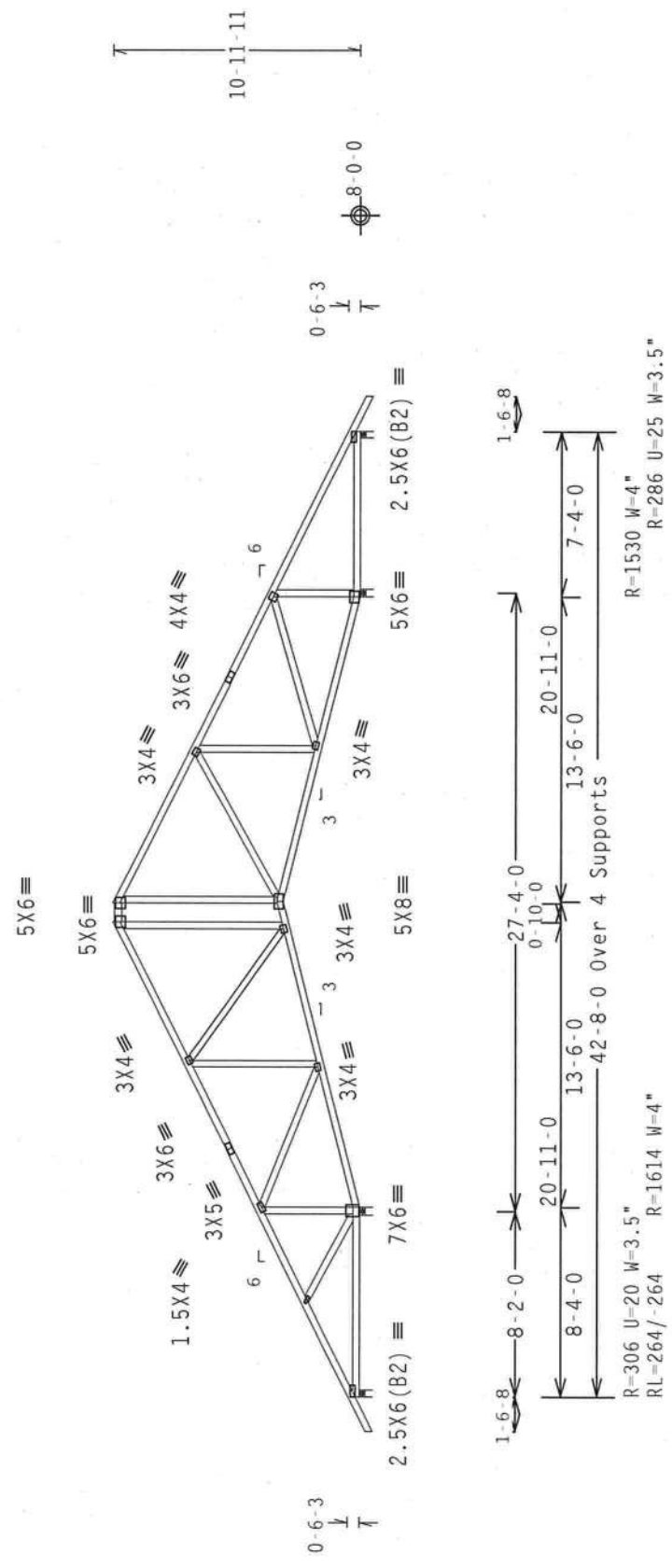
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002 (STD)

Scale = .125"/Ft.

QTY: 1

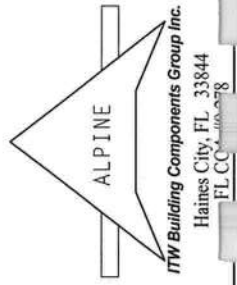
FL/-/4/-/R/-

TC LL	20.0 PSF	REF R8228- 6001
TC DL	10.0 PSF	DATE 06/01/09
BC DL	10.0 PSF	DRW HCUSR8228 09152042
BC LL	0.0 PSF	HC-ENG TCE/WHK
TOT.LD.	40.0 PSF	SEON- 26921
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TS58228Z04



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2019/16GA (44/55/78) ASTM A505 GRADE 40/60 (44, 55/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY ITW BCG. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(9-124--Fill in later DOUG EDGLEY -- ** - A1)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCPI(+/-)=0.18

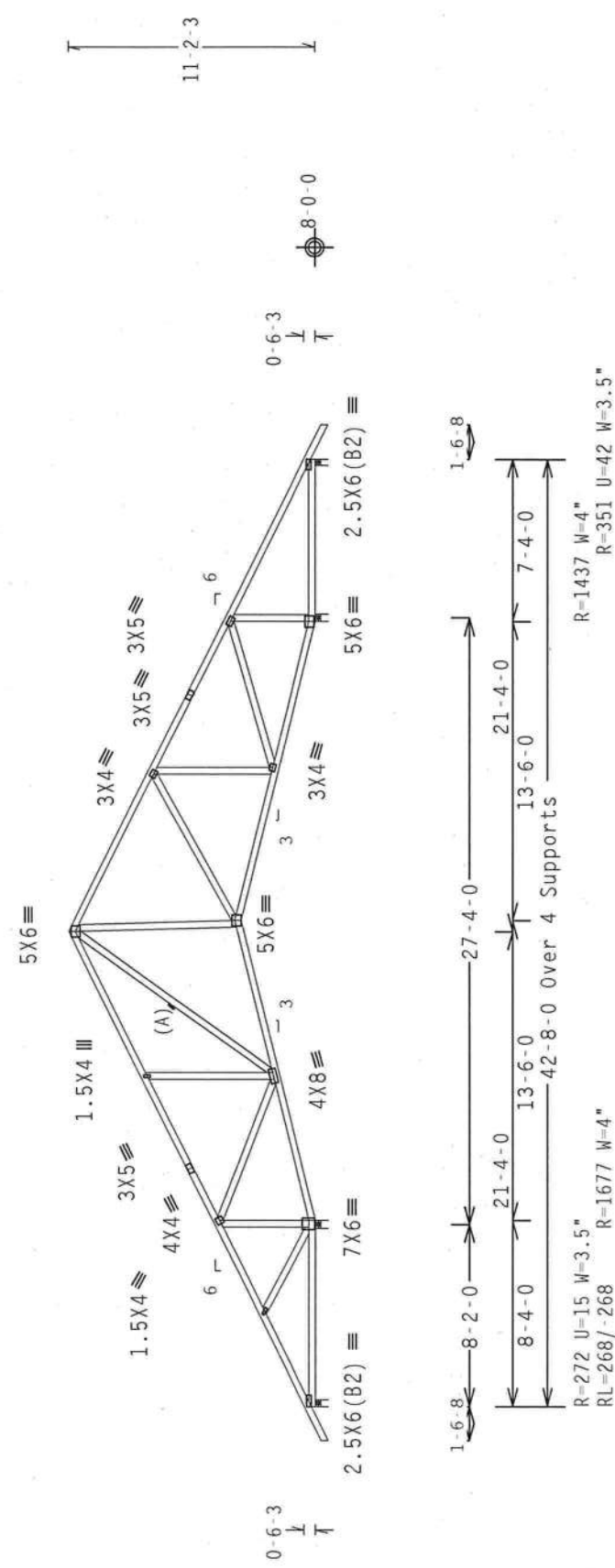
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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



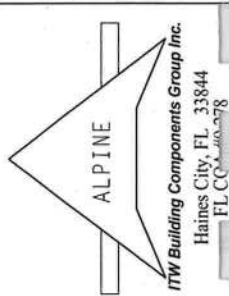
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20% (0%)/10 (0)

PLT TYP. Wave 8.07.00 QTY: 1 FL/- /4/- /- /R/- Scale = .125"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AISC AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1600 (4-11/16") ASTM A553 GRADE 40/60 (4, 47M/55) GALV. STEEL. APPLY TO ALL TRUSSES. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE PERMANENTLY IDENTIFIED BY A TPI OR TPI BCG DRAWING. INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
JREF	1TS58228Z04



Top chord	2x4	SP	Dense
Bot chord	2x4	SP	Dense
Webbs	2x4	SP	Dense

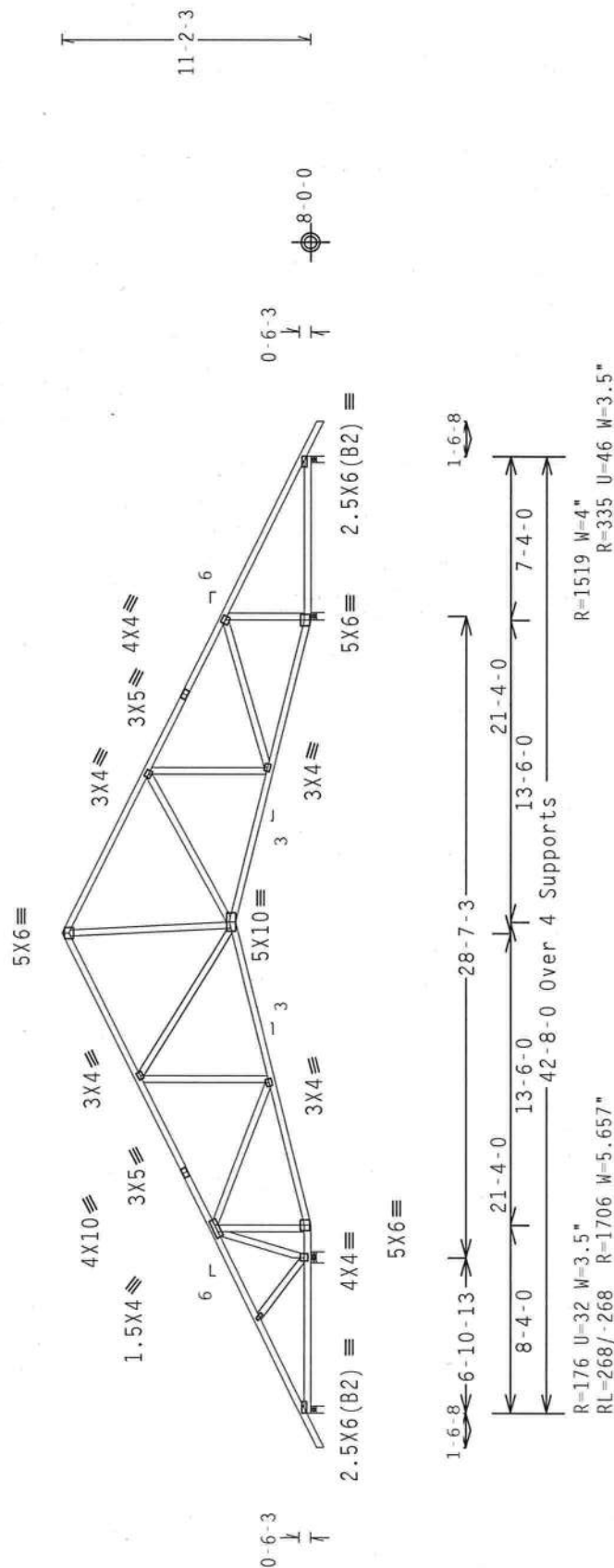
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00$ GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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

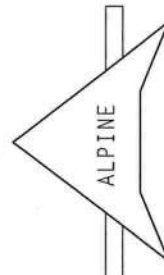


PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

QTY:1 FL/-/4/-/-/R/-/-

Scale = .125"/Ft.

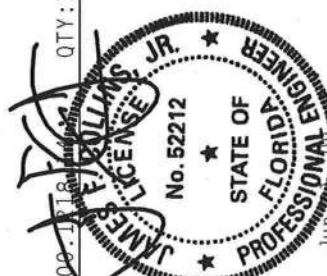


ITW Building Components Group Inc.

Haines City, FL 33844

FL CO 10378

*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND FINISHING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. AND RICA (4000 TRUSS COMPANY, 2100 RICHMOND STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WFLA (4000 TRUSS COMPANY, 2100 RICHMOND STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR SAFETY PRACTICES. TRUSSES ARE NOT TO BE USED FOR UNDESIGNED PURPOSES. ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE OTHERWISE INDICATED TOP CHORD SHALL HAVE OTHERWISE INDICATED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE OTHERWISE ATTACHED RIGID, ECT.

[illegible]

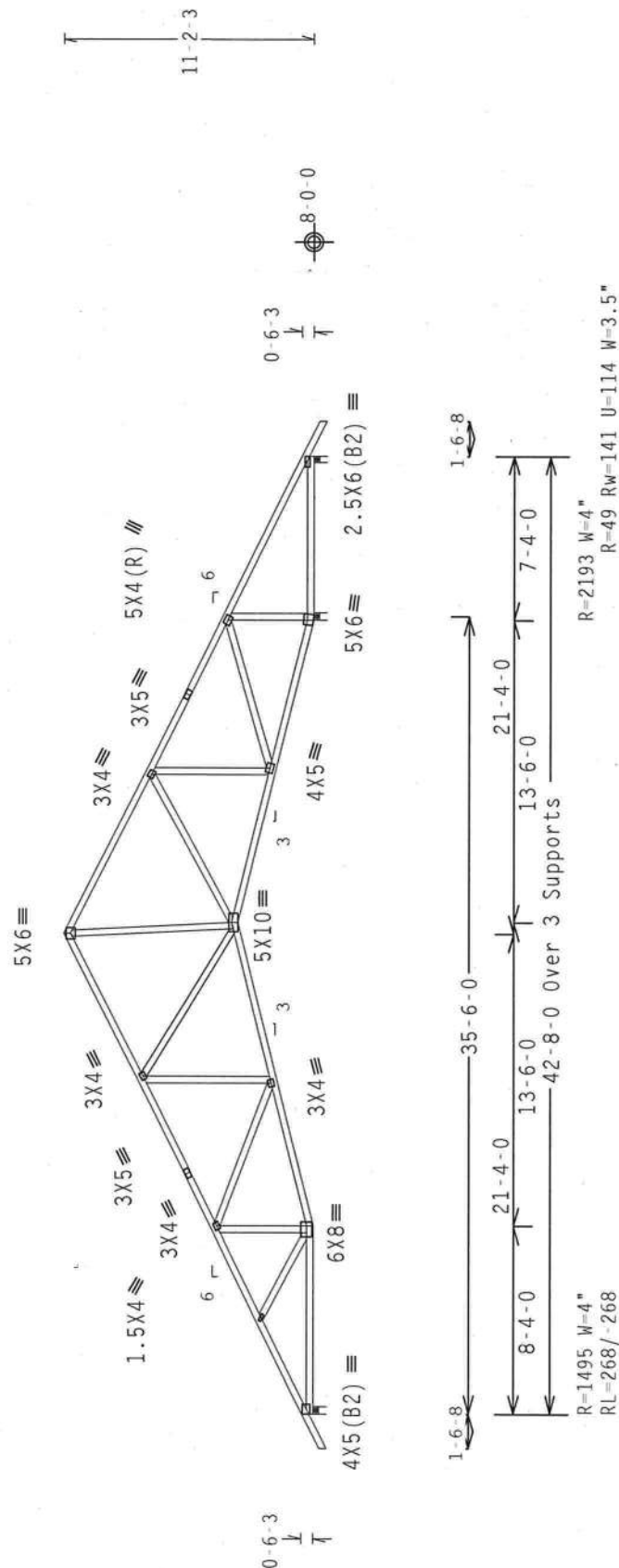
Jun

JREF- 1TS58228Z04

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .125"/Ft.

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

QTY:1

THE

.00

8.

$$10(0)$$

0.1% (0%)

 $T/RT=2$

;

二

3

p. Wave

PLT T

*WARNING** THUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRAGING. PLEASE TO THE FOLLOWING COMPONENT SAFETY COMPANY FOR A COMPLETE INSTRUCTIONS MANUAL: SAFETY COMPANY, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICA (WOOD THUSS) COUNCIL OF AMERICA, 1000 ENTERPRISE LANE, SUITE 508, MI 52179. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANT—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR (ITM BCG, INC., SMALL) WHO WILL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN COULD BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.), BY AREA) AND IPT. ITM BCG HAS BEEN ADVISED THAT THE TRUSS IS NOT TO BE USED AS AN INTERIOR PARTITION PER AMERICAN 160A-2. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER AMERICAN 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP11-2002 SEC.3. A SEAL ON THIS SIGN ORAMOUNT INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER ASSURES THE QUALITY AND USE OF THIS DESIGN CONFORMS WITH THE INTENT AND USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ARCHITECT. THE SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER ASSURES THE QUALITY AND USE OF THIS DESIGN CONFORMS WITH THE INTENT AND USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ARCHITECT.



ALPINE

ITTW Building Components Group Inc.
Haines City, FL 33840

Haines City, FL 33844

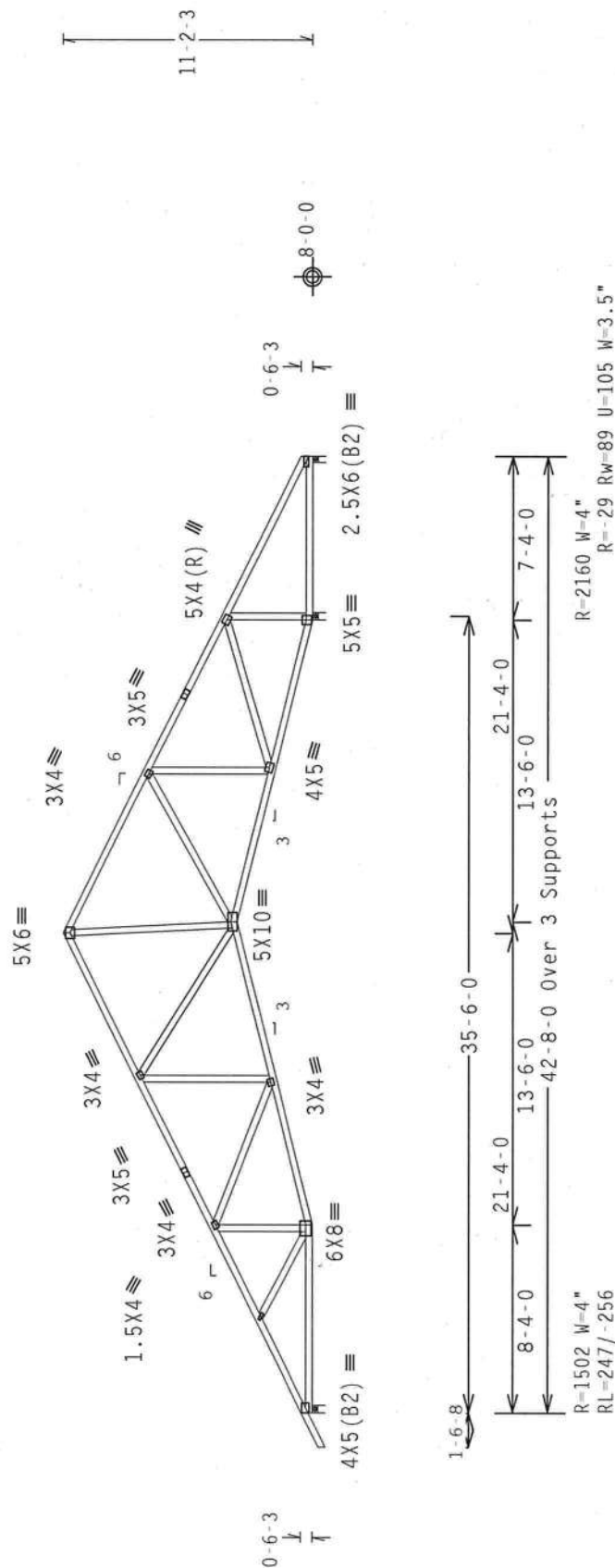
110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind BW=1.00 GCpl(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.

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



R=2160 W=4" R=-29 RW=89 U=105 W=3.5"

Design Crit: $\text{FBC2007Res/TPI-2002(STD)}$
 $\text{FT/RT}=20\%(0\%)/10(0)$

Scale = .125" / Ft.

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

02:17:00 0TY:1

8.07.

FT/RT=20%(0%)/10(0)

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PLT TYP. Wave

WARNING- TRUSSES REQUIRE EXTENSIVE CARE IN ERECTION, HANDLING, SHIPPING, INSTALLING AND BRACING. CONTACT BEST TRUSS COMPANY FOR OUTLING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND NCTA (NATIONAL TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, SUITE 501, ALEXANDRIA, VA 22319. FOR SAFETY PRACTICES REFER TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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EXTREME CARE IN FABRICATION OF THIS DESIGN TO THE
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ALEXANDRIA, VA, 22314) AND
53719) FOR SAFETY PRACTICES
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ILLING.

WARNING TRUSSES REQUIRING CONNECTION PLATES TO EACH FACE OF TRUSSES. ANY INSPECTION OF PLATES FOLLOWING PROGRAMMING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABLE BUILDING DESIGNER PER ANSI/



ITW Building Components Group Inc.
Haines City, FL 33844

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W3 2x4 SP #2 Dense:

(I) - plates so marked were sized using a Fabrication Tolerance of 0% and a Rotational Tolerance of 0 degrees.
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. lw=1.00 GCPI(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

#1 hip supports 7-0-0 jacks with no webs.

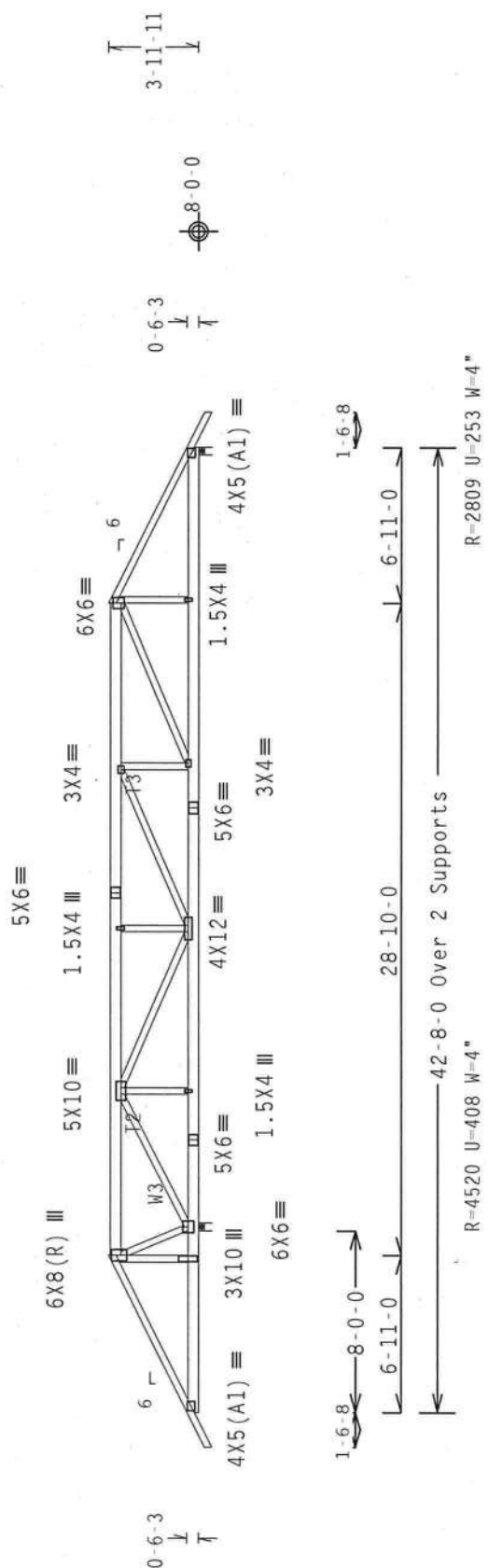
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MMFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TVP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL 00000000

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2310 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/1600 (4-H/55/73) ASH A653 GRADE 40/60 (4, 8/H/55) GALV. STEEL. APPLY PLATING FOR ALL JOINTS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS E004 Z. ANALYSIS OF ALL TRUSSES SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES E. EDGLEY JR.
No. 52242
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Jun 01 2007

QTY:1	FL/-/4/-/-/R/-	Scale = .125"/Ft.
TC LL	20.0 PSF	REF R8228- 6008
TC DL	10.0 PSF	DATE 06/01/09
BC DL	10.0 PSF	DRW HCUR8228 09152049
BC LL	0.0 PSF	HC-ENG TCE/WHK
TOT.LD.	40.0 PSF	SEQN- 2370 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TS58228Z04

(9-124--Fill in later DOUG EDGLEY --, ** - H138T)

Top chord 2x4 SP #2 Dense :11 2x8 SP SS:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

(A) 1x4 #3SR8 SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

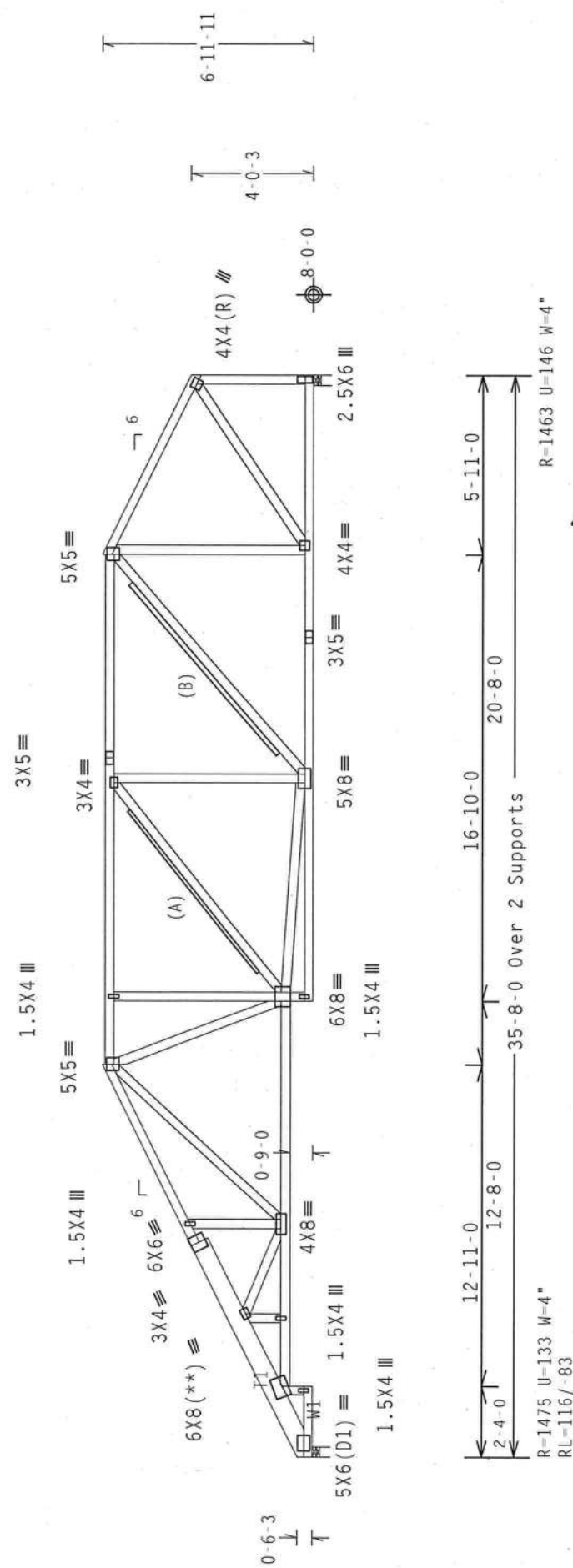
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R=1475 U=133 W=4" RL-116/-83 R=1463 U=146 W=4"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20% (0%)/10(0)

Scale = .1875"/Ft.

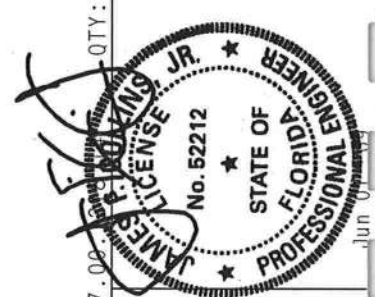
TC LL	20.0 PSF	REF	R8228- 6010
TC DL	10.0 PSF	DATE	06/01/09
BC DL	10.0 PSF	DRW	HCUSR8228 09152051
BC LL	0.0 PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0 PSF	SEQN-	26967
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TS58228Z04

PLT TYP. Wave

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AEP&I) AND TPI1. THE BEG CONNECTOR PLATES ARE MADE OF 2018/166A (40/40/55/K) ASTM A553 GRADE 40/60 (4, 8/10, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SECC3. A SEAL ON THIS DESIGN INDICATES THE SIGNATURE OF THE DESIGNER. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Haines City, FL 33844
FL CC-100-278
ITW Building Components Group Inc.



Jun 01 2009

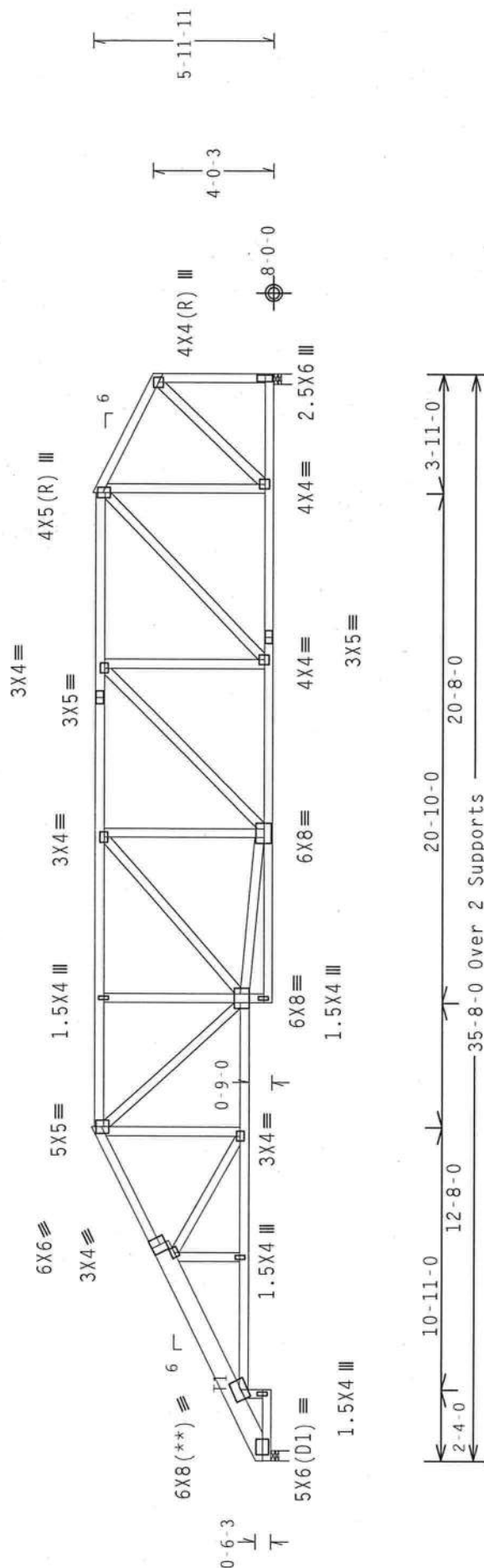
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $lw=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



R=1475 U=135 W=4"

RL-95/-62

R=1463 U=149 W=4"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .1875"/Ft.

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

00:K216

FT/RT=20% (0%) / 10 (0) 8.

Designing

PLT TYP. Wave

*****WARNING***** PROCESS ROUTINE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY MANUFACTURER FOR FULL DETAILS. 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WEA (WOOD TRUSS COUNCIL OF AMERICA) INTERPRESE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

REF P8228- 6011

001 101 20	JTY
TT00 0320N	171

DATE 06/01/09

RW HCUSR8228 09152052

IC-ENG TCE/WHK

EON- 26970

01603 MB71

REF- 1TS58228Z04

1

(9-124--Fill in later DOUG EDGLEY --, ** - H9BT)

Top chord 2x4 SP #2 Dense :T1 2x8 SP SS:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Calculated horizontal deflection is 0.18" due to live load and 0.19" due to dead load.

(A) 1x4 #3SR8 SPF-S or better "T" brace, 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

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

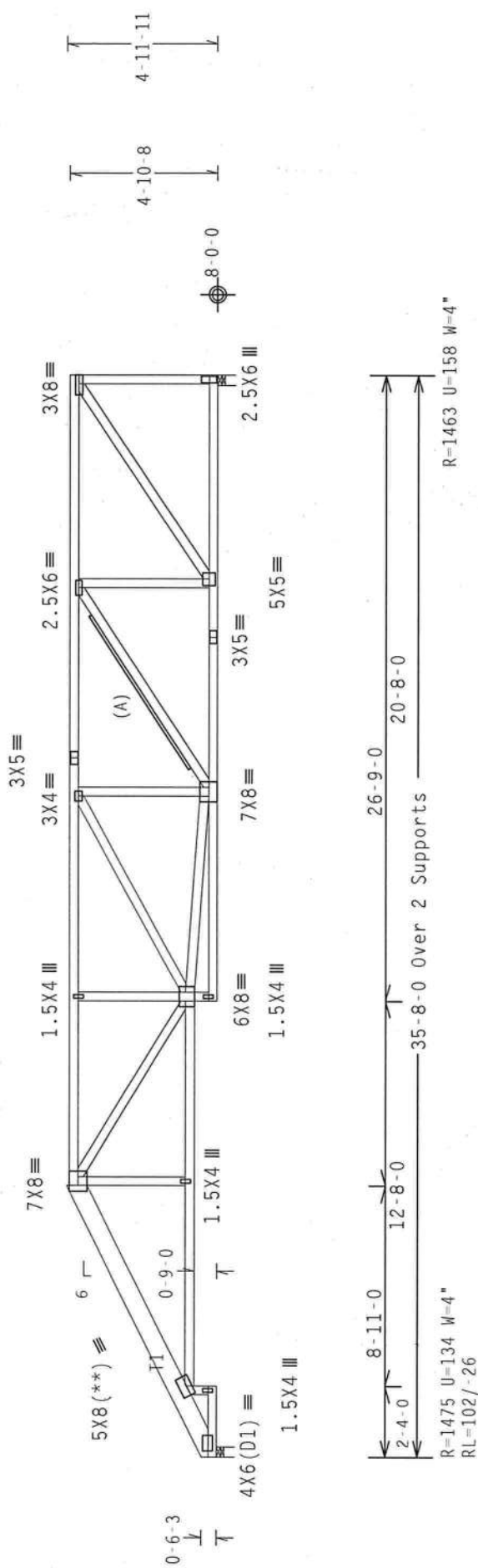
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

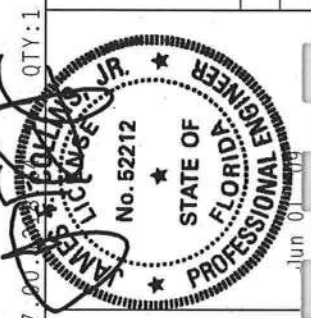
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

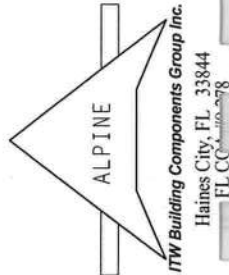
Scale = .1875"/Ft.

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"



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PAJ AND TPI. TPI BCS CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/P) ASTM A653 GRADE 40/60 (H, K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S RESPONSIBILITY FOR THE TRUSS. A SEAL AND SIGNATURE OF THE DESIGNER IS REQUIRED FOR ANY BUILDING. THE SUSTAINABILITY AND USE OF THIS COMPONENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

110 mph wind, 15.00 ft mean hgt., ASCE 7-05, 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, wind BW=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

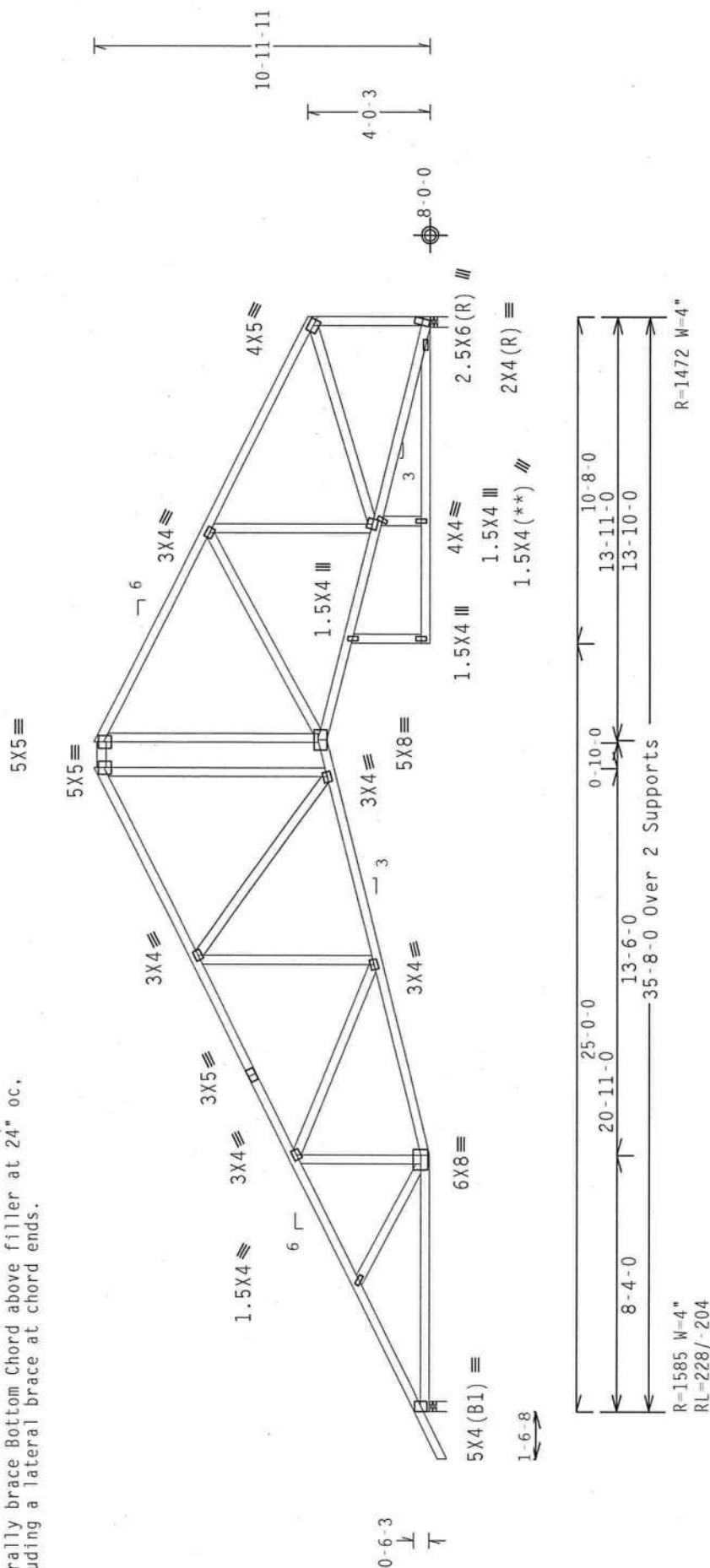
Bottom chord checked for 10.00 psf non-concurrent live load.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

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

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

Laterally brace Bottom Chord above filler at 24" oc, including a lateral brace at chord ends.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .1875"/Ft.

QTY:1 FL/-/4/-/-/R/-

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8.

C2007Res/FT=2002(0%)
FT/RT=20%(0%)/10(0%)

Design Office: P.D.

PLT TYP. Wave

TC LL	20.0	PSF	REF	R8228-	6014
TC DL	10.0	PSF	DATE	06/01/09	
BC DL	10.0	PSF	DRW	HCUSR8228	091520505
BC LL	0.0	PSF	HC-ENG	TCE/WHK	
TOT.LD.	40.0	PSF	SEQN -	26943	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1TS58228Z04	

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ALEXANDRIA, VA, 22314 AND
53719 FOR SAU-ETY PRACTICALLY
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WARNING** THUSSES BEING
 REFER TO BEST BUILDING CODE
 NORTH LEE STREET, SUITE 312,
 ENTERPRISE LANE, WARDSON, MN
 OTHERWISE INDICATED TOP CHORD
 A PROPERLY ATTACHED RIGID JOINT

IMPORTANT** FURNISH A C
 BE RESPONSIBLE FOR ANY DEVIATION
 TYPE OR FABRICATING, HANDLING,
 DESIGN CONFORMS WITH APPLICATION
 CONNECTOR PLATES ARE MADE OF
 ANY INSPECTION OF PLATES
 DRAWING INDICATES. SUFFICIENT
 DESIGN SHOWN. THE SUBMITTAL
 BUILDING DESIGNER PER ANSI 1



ALPINE

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

1110 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, $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

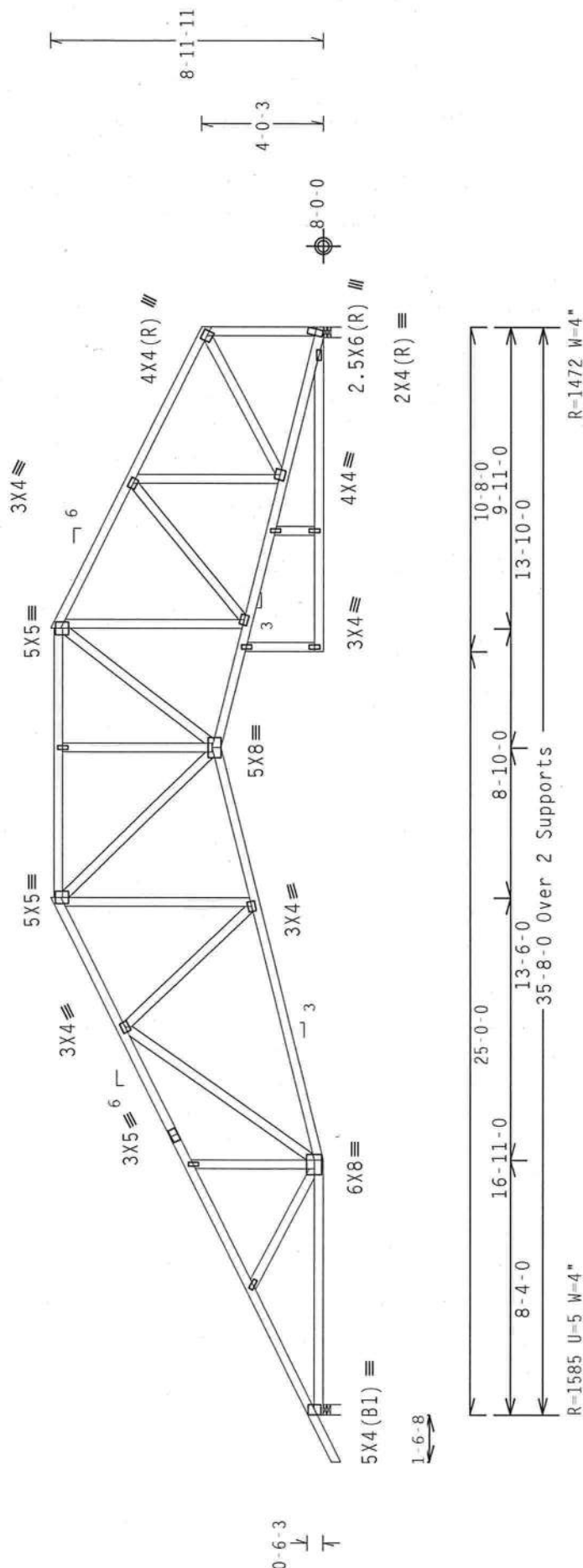
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Filler 2x4 SP #2 Dense

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

Laterally brace Bottom Chord above filler at 24" oc,
including a lateral brace at chord ends.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%)/10(0)

8.07.00

QTY:1

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

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN ERECTION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI, TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WADSWORTH, MI 48091, 53721) FOR TRUSS MANUFACTURING PRACTICES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL CO 110378

Jun 01 01:09

SPACING 24.0"

REF-ITS58228Z04

1110 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 GCpi(+/-)-0.18

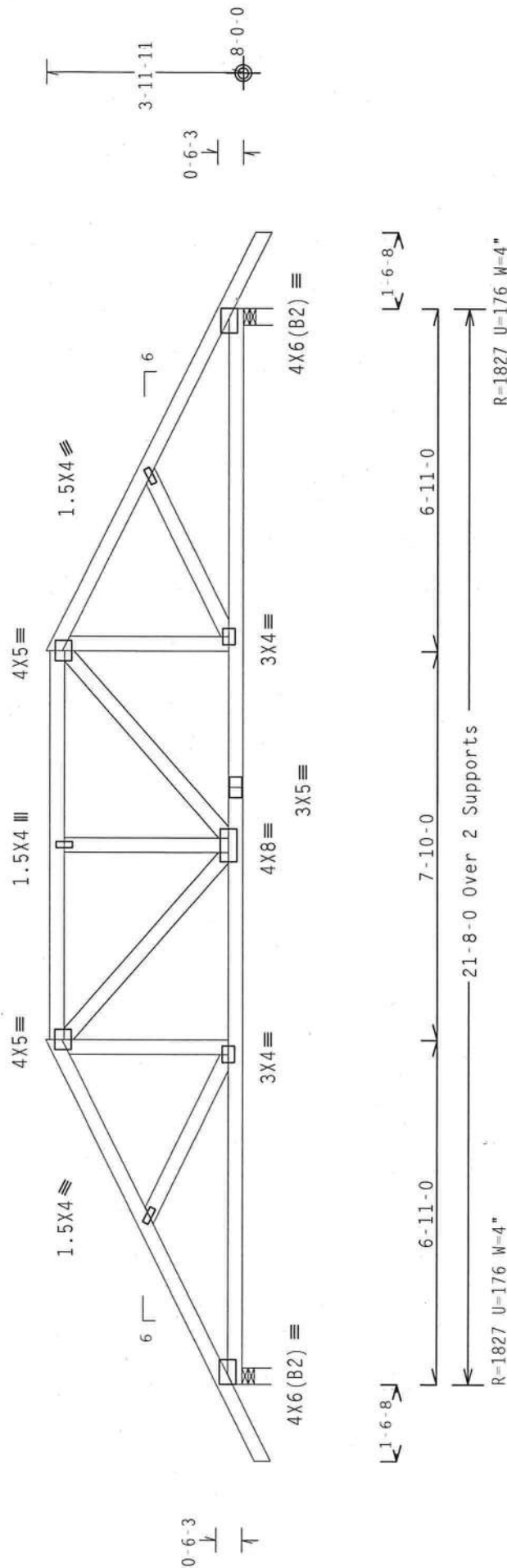
Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.

#1 hip supports 6-11-0 jacks with no webs.

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

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT TYP. Wave

Scale = 3125"/Ft.

QTY:1 FL1-141-1-1R1-

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. (SEE BUSH) FABRICATING COMPONENTS INFORMATION, PUBLISHED BY TPI (CROSS PLATE INSTITUTE), 218 NORTH WILSON STREET, SUITE 312, AUSTIN, TEXAS 78701, TEL: 512/455-9100, FAX: 512/455-9101, WWW.TPI-USA.COM. THIS ENTERPRISE LINE, WADSWORTH, 1000 S. 10TH STREET, WADSWORTH, OHIO 44157, TEL: 440/938-2200, FAX: 440/938-2201, WWW.WADSWORTH-USA.COM. THESE THUSSES ARE DESIGNED TO BE USED WITH THE FOLLOWING THUSSESS: 1. THUSSESS WITH ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED BLOOD CEMENT.

EE P8228- 6017

DATE	06/10/20
TIME	0720H

DATE 06/01/09

URW HCUSR8228 09152058

IC-ENG TCE/WHK

UNION - 26956

0C907 -ND36

ROM AH

REF- 1TS58228Z04

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

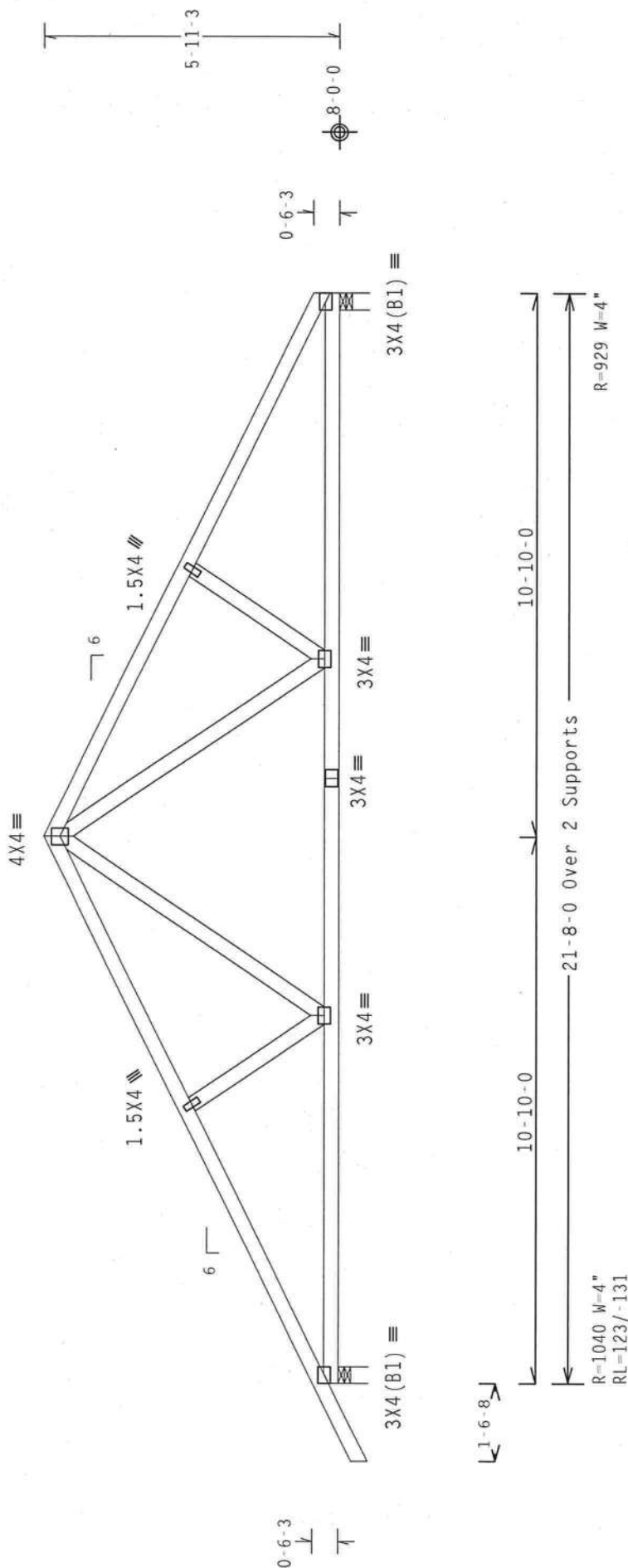
FLC 8

1110 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, wind BC DI=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

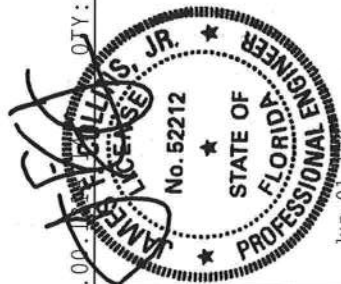
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Design Crit: $\text{FBC2007Res/TPI-2002(STD)}$
 $\text{FT/RT}=20\%(0\%)/10(0)$

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R8228- 6018
TC DL	10.0 PSF	DATE	06/01/09
BC DL	10.0 PSF	DRW	HCUSR8228 09152059
BC LL	0.0 PSF	HC-ENG	TCE/WHK *
TOT.LD.	40.0 PSF	SEQN-	26886
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TS58228704

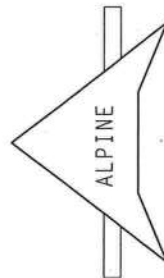


Jun 01 09

[illegible]

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/AFPA) AND TPI. TYPICAL CONNECTION PLATES ARE MADE OF 20/18/16GA (0.1875X0.16) ASTM A653 GRADE 40/60 (0.1875X0.16) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, WHERE APPROPRIATE LOCATED ON THIS DESIGN, FOR DRAPINGS. APPLY 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/AFPA OF TPI-2002 SEC. 2. A SEAL ON THIS DRAPING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/AFPA TPI 1 SEC. 2.



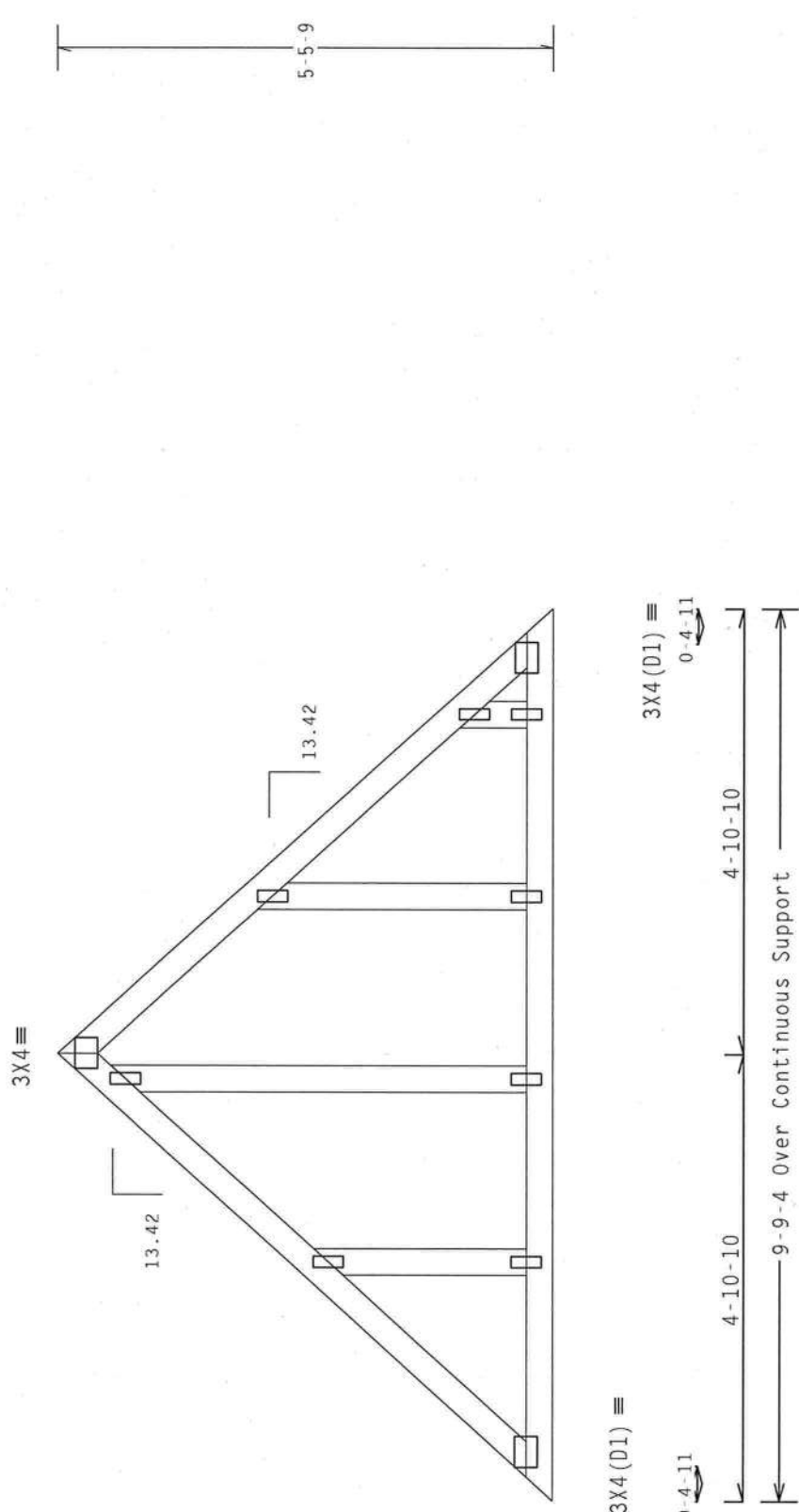
ITW Building Components Group Inc.

Haines City, FL 33844

FL COA 10378

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

Note: This design is not to be used as a roof truss.
It is only to be used as a roof Hip Frame.
See detail HIPFRAME0109 for more information.

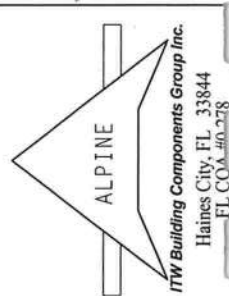


Note: All Plates Are 1.5X4 Except As Shown.
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

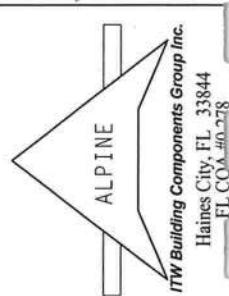
PLT TYP. Wave		QTY:2	FL/-/4/-/1-/R/-	Scale = .5" / Ft.
REF R8228- 6021		TC LL	20.0 PSF	
DATE 06/01/09		TC DL	10.0 PSF	
DRW HCUSR8228 09152061		BC DL	10.0 PSF	
HC-ENG TCE/WHK		BC LL	0.0 PSF	
SEQN- 26979		TOT.LD.	40.0 PSF	
		DUR.FAC.	1.25	
JREF- 1TS58228Z04		SPACING	24.0"	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES1 (BUILDING COMPONENT SAFETY INFORMATION) FOR TRUSS SAFETY INFORMATION. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NICA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL LABELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PJA) AND TPI1. ITM BCG CONNECTOR PLATES ARE MADE OF 70/18/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4. K/M-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE



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

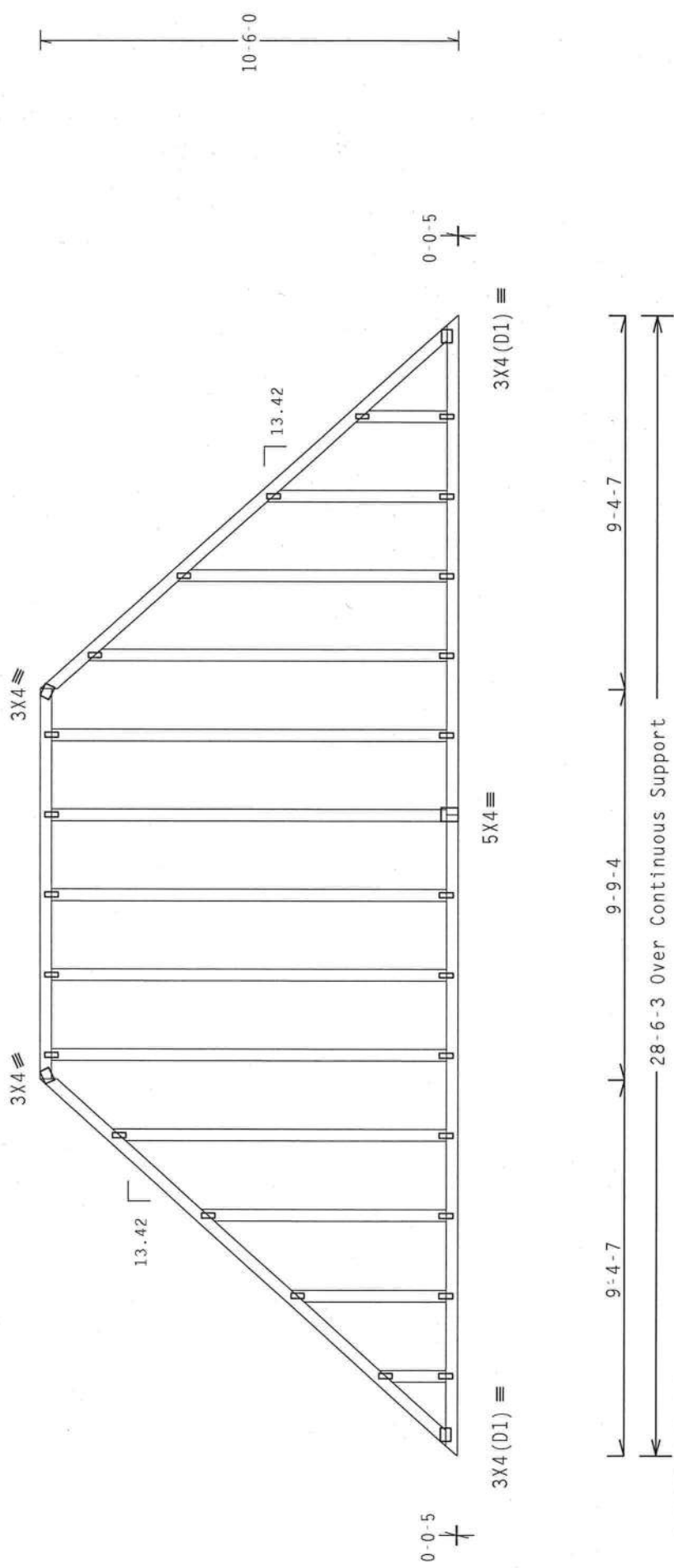


James J. Edgley, Jr.
Professional Engineer
No. 52212
STATE OF FLORIDA
LICENSED PROFESSIONAL ENGINEER

Jun 01 2009

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

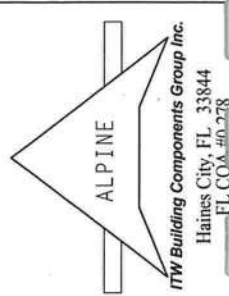
Note: This design is not to be used as a roof truss.
It is only to be used as a roof Hip Frame.
See detail HIPFRAME0109 for more information.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave		8.07.00	QTY:2	FL/-/4/-/R/-	Scale = .25"/Ft.
R-2 PLF W-28-6-3		9-4-7	9-4-7	9-4-7	REF R8228- 6022
28-6-3 Over Continuous Support		9-9-4	9-4-7	9-4-7	DATE 06/01/09
3X4 (D1) =		5X4 =	3X4 (D1) =		DRW HCUSR8228 09152062
3X4 =		5X4 =	3X4 (D1) =		HC-ENG TCE/WHK
3X4 =		5X4 =	3X4 (D1) =		SEQN- 26982
3X4 =		5X4 =	3X4 (D1) =		DUR.FAC. 1.25
3X4 =		5X4 =	3X4 (D1) =		SPACING 24.0"
3X4 =		5X4 =	3X4 (D1) =		JREF- 1TS58228Z04

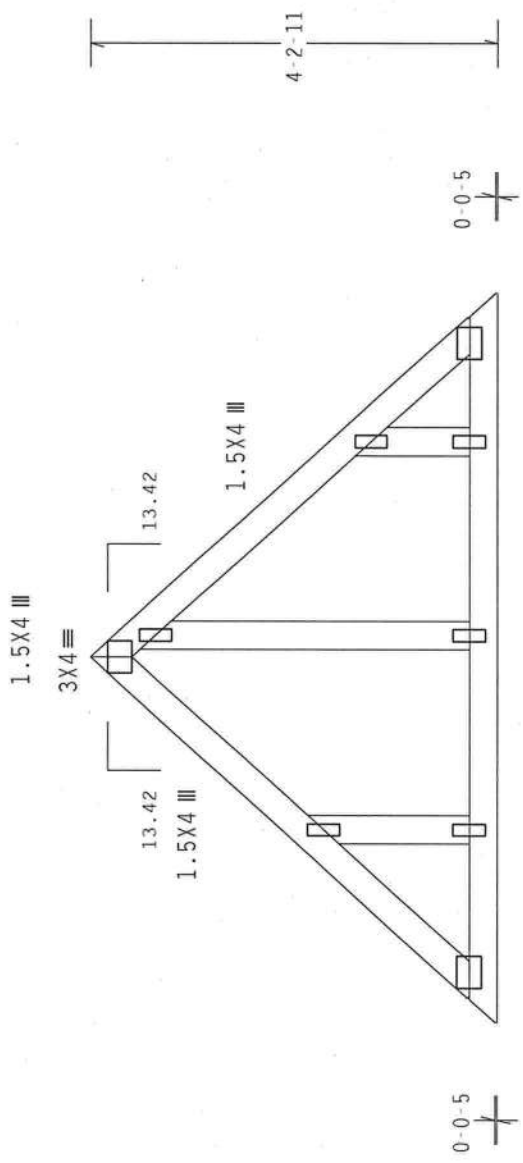


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INSTITUTE), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND NTC (NORTH TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PCA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/166A (4-N/SS/S) ASTM A653 GRADE 40/60 (4, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL AS OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

Note: This design is not to be used as a roof truss. It is only to be used as a roof Hip Frame. See detail HIPFRAME0109 for more information.



$3 \times 4(D1) \equiv 1.5 \times 4 \equiv 1.5 \times 4 \equiv 1.5 \times 4 \equiv 3 \times 4(D1) \equiv$
 $\overbrace{3-9-1}^{3-9-1} \overbrace{7-6-3 \text{ Over Continuous Support}}^{3-9-1}$

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R8228- 6023
TC DL	10.0	PSF	DATE	06/01/09
BC DL	10.0	PSF	DRW	HCUSR8228 09152063
BC LL	0.0	PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0	PSF	SEQN-	26895
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1TS58228Z04

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

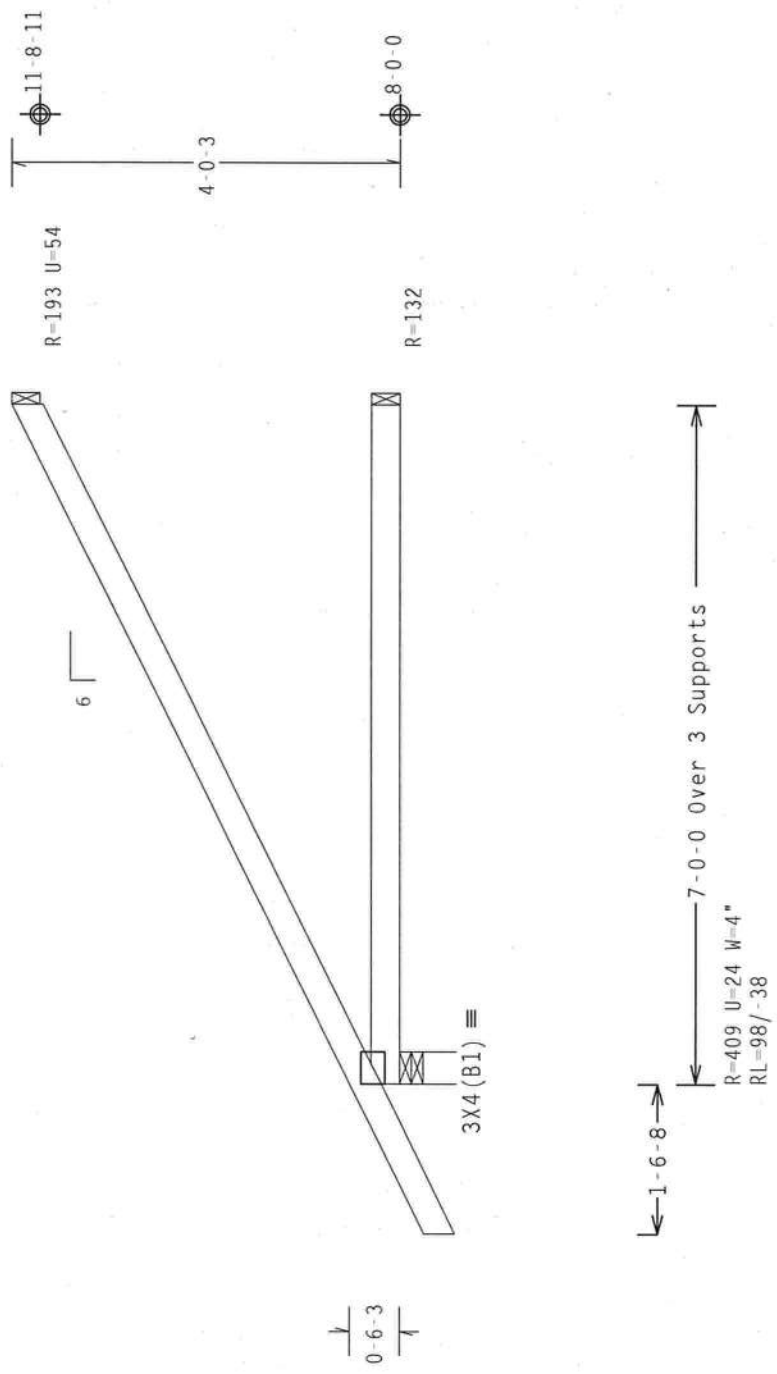


ITW Building Components Group Inc.
Haines City, FL 33844
FL CQ# 40 278

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. $I_w=1.00$ GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

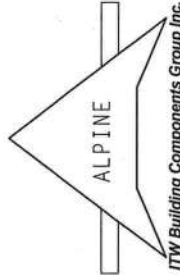
Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R8228 - 6024
TC DL	10.0 PSF	DATE	06/01/09
BC DL	10.0 PSF	DRW	HCUSR8228 09152064
BC LL	0.0 PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0 PSF	SEQN -	26853
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TS58228Z04

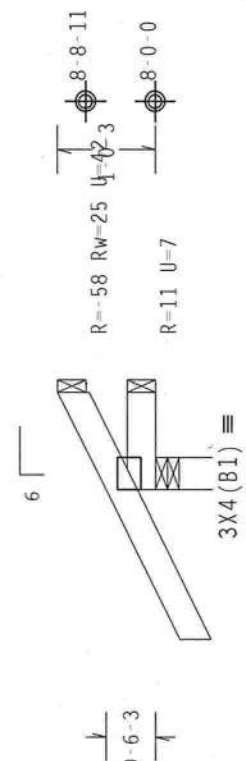


****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENTS INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL) DESIGN SPEC. FOR STEEL AND TYP. 11TH BCG CONNECTOR PLATES ARE MADE OF 2018/18GA. (4.4/25KSI) ASTM A653 GRADE 40/60 (4. K/50S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND 1/8" OVERLAP. LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF 1911-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING, IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.

Haines City, FL 33844
FL CC 33844-78

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.



← 1-6-8 →
1-0-0 over 3 Supports
R=249 U=47 W=4"
RL=29/-22

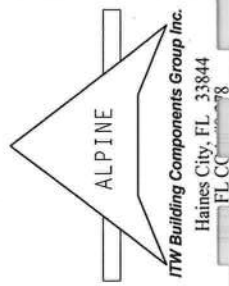
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave	QTY:10	FL/-/4/-/-/R/-	Scale =.5"/Ft.
REF R8228- 6025	TC LL	20.0 PSF	
DATE 06/01/09	TC DL	10.0 PSF	
DRW HCUSR8228 09152065	BC DL	10.0 PSF	
HC-ENG TCE/WHK	BC LL	0.0 PSF	
SEQN- 26859	TOT.LD.	40.0 PSF	
	DUR.FAC.	1.25	
	SPACING	24.0"	
JREF- 1TS58228204			

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

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (U.H/SS/K) ASTM A653 GRADE 40/60 (H, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-22. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



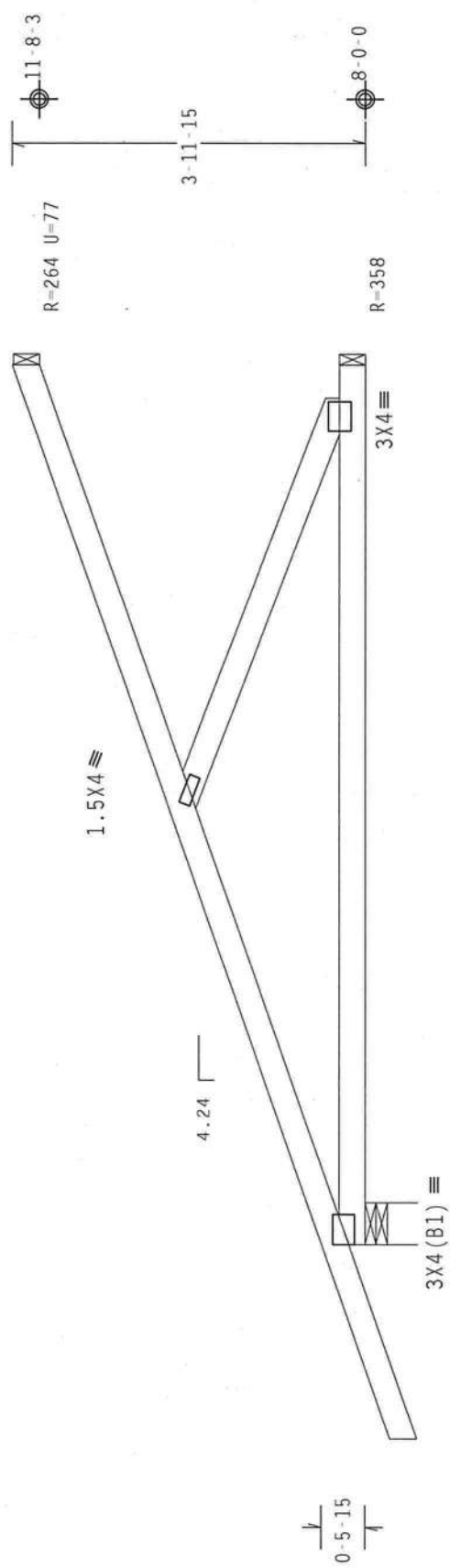
(9-124--Fill in later DOUG EDGLEY --, ** - HJ7)

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

Hipjack supports 7'-0" setback jacks with no webs.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind IC DL=5.0 psf, wind BC
DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



← 2-2-3 →
← 9-10-13 Over 3 Supports →
R=461 U=55 W=5.657"

PLT TYP. Wave
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

QTY: 4
Scale = .5"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FLCC00000078	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PAPER INSTITUTE, 2318 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		**IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. CONNECTION PLATES ARE MADE OF 20/18/16GA (H/SS/K) ASTM A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1606A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		James R. Collins, Jr. Professional Engineer No. 52212 STATE OF FLORIDA JUN 01 2009		TC LL 20.0 PSF	REF R8228- 6026
			TC DL 10.0 PSF	DATE 06/01/09				
			BC DL 10.0 PSF	DRW HCUSR8228 09152066				
			BC LL 0.0 PSF	HC-ENG TCE/WHK				
			TOT.LD. 40.0 PSF	SEQN- 26862				
			DUR.FAC. 1.25					
		SPACING 24.0"	JREF- ITS58228Z04					

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

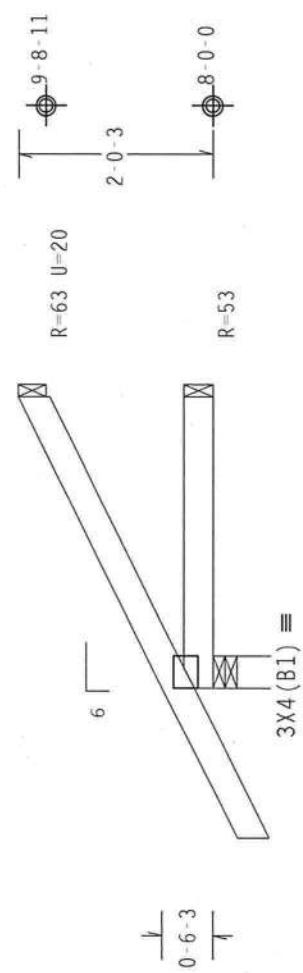
Roof overhang supports 2.00 psf soffit load.

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

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. $I_w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



1-6-8
3-0-0 Over 3 Supports
R=262 U=25 W=4"
RL=52/-28

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

Scale = .5"/Ft.

QTY: 8

FL/-4/-/-R/-

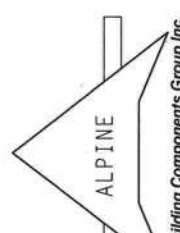
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R8228- 6027
DATE	06/01/09
DRW	HCUSR8228 09152067
HC-ENG	TCE/WHK
SEQN	26865
JREF	ITS58228Z04

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

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/55/8) ASTM A653 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SEAL DOES NOT INDICATE THE SUITABILITY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

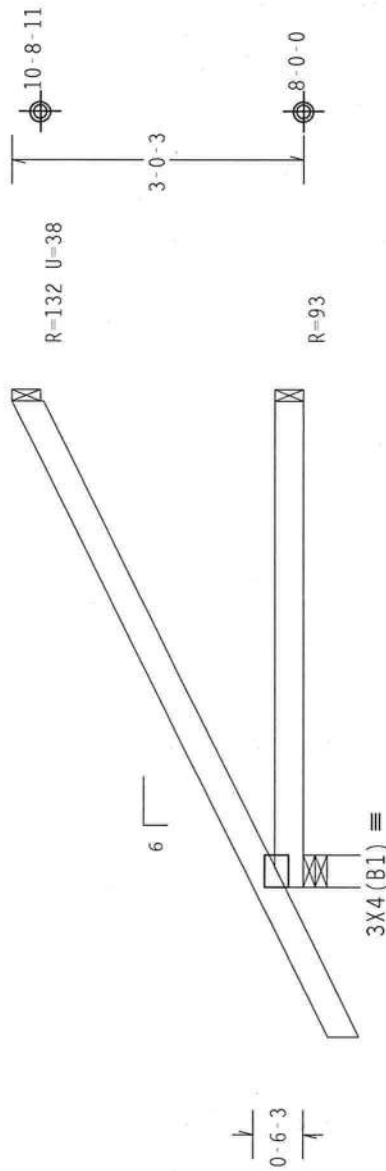


ITW Building Components Group Inc.
Haines City, FL 33844
FL CC 78

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, $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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


$$\begin{array}{c} \downarrow \\ \infty \\ - \\ 6 \\ - \\ 1 \\ \downarrow \end{array}$$

5-0-0 Over 3 Supports

R=332 II=24 W=4"

RL=75/-33

Design Crit: FBC2007Res/TPI - 2002(STD)
FT/RT=20%(0%) / 10(0)

PLT TYP. Wave

8.07.00.25.0TY:8

FL 1-141-1-1R1-

Scale = 5"/Ft.

TC LL	20.0	PSF	REF R8228- 6028
TC DL	10.0	PSF	DATE 06/01/09
BC DL	10.0	PSF	DRW HCUSR8228 09152068
BC LL	0.0	PSF	HC-ENG TCE/WHK
TOT.LD.	40.0	PSF	SEQN- 26868
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1TS58228Z04



ITW Building Components Group Inc.
Haines City, FL 33844

FL CO 110378

WARNING THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. HIGHLY TO BESS' BUILDING CORPORATION, PUBLISHED BLUE PRINT (PRESS PLATE INSTITUTE, 210 NORTH 1ST STREET, CHICAGO, ILL. 60601) COMPANY, 1500 WEST 12TH STREET, CHICAGO, ILL. 60601, EMPLOYEE NAME, W0151008, 5/1/79, 1/30, SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI.
CONNECTION PLATES ARE MADE OF 20/18/16GA (W./H./SS/K) ASTM A563 GRADE 40/60 (W./K/H./SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TP11-2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE DESIGNER'S RESPONSIBILITY FOR THE DESIGN OF THIS COMPONENT IS NOT AFFECTED BY THE DESIGNER'S SIGNATURE OR SEAL ON THIS SEAL ON THIS

unf

SPACING 24.0"

REF-ITS58228Z04

(9-124--Fill in later DOUG EDGLEY --, ** - J3T)

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

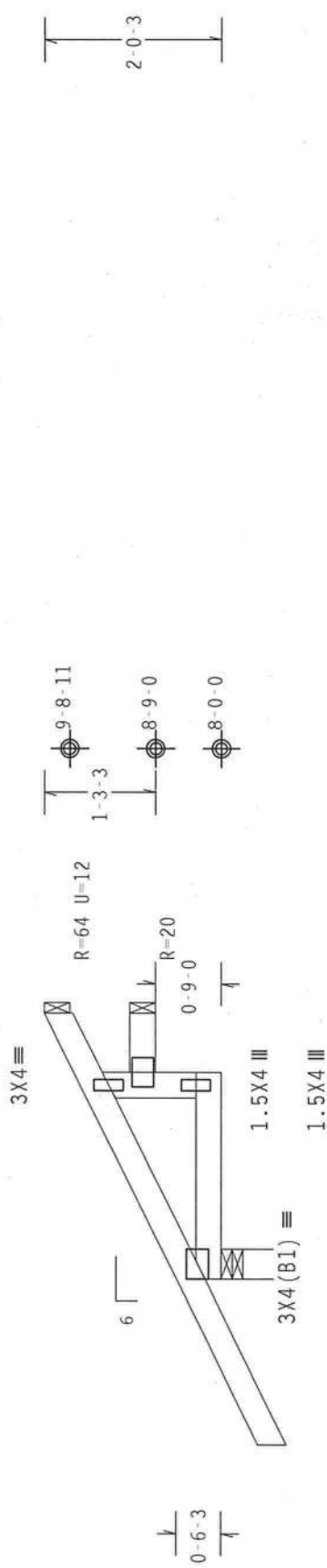
Roof overhang supports 2.00 psf soffit load.

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

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. $I_w=1.00 G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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



1-10-8

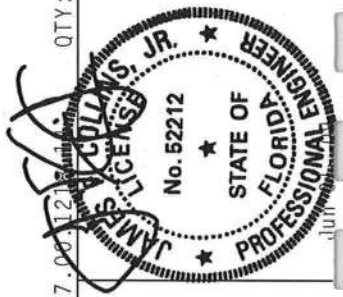
3-0-0 2-4-0 3 support

R=298 U=32 W=4"
RL=56/-32

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

QTY: 2 FL/-/4/-/-/R/- Scale = .5"/Ft.

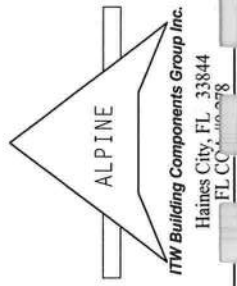
TC LL	20.0 PSF	REF	R8228- 6029
TC DL	10.0 PSF	DATE	06/01/09
BC DL	10.0 PSF	DRW	HGUSR8228 09I52069
BC LL	0.0 PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0 PSF	SEQN	26871
DUR.FAC.	1.25		
SPACING	24.0"	JREF	ITS58228Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/SS/R) ASTM A653 GRADE 40/60 (W. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANALYSIS TO DETERMINE THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(9-124--Fill in later DOUG EDGLEY --, ** - JST)

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

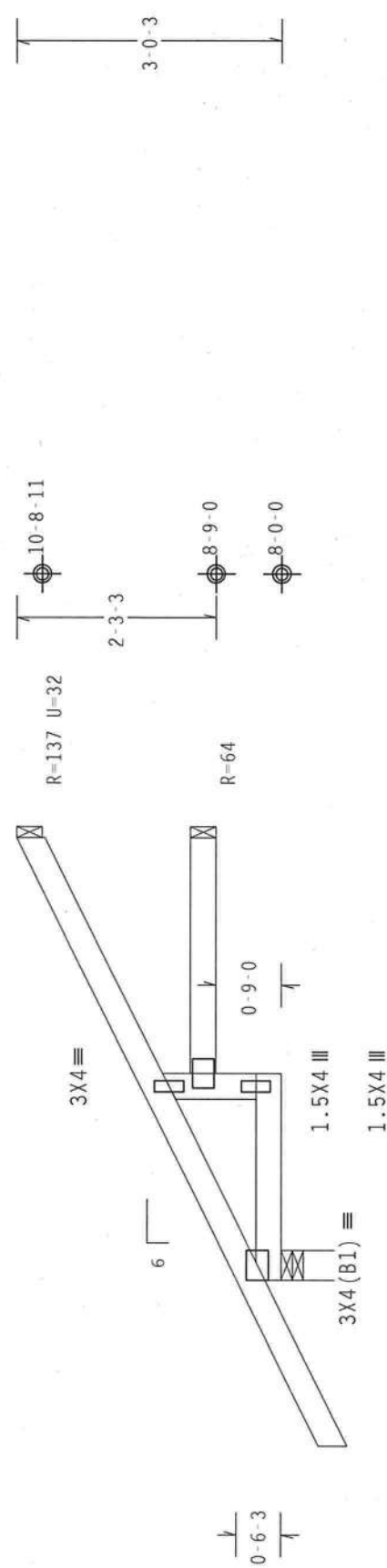
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, IW=1.00 GCPI(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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



1-10-8

2-4-0
5-0-0 Over 3 Supports
2-8-0
R=362 U=30 W=4"
RL=79/-37

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

8.07.00

QTY:2

FL/-4/-/-R/-

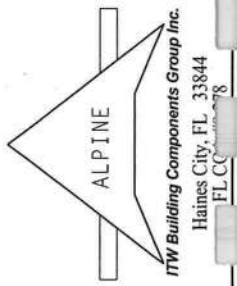
Scale = .5"/Ft.

TC LL	20.0 PSF	REF R8228- 6030
TC DL	10.0 PSF	DATE 06/01/09
BC DL	10.0 PSF	DRW HCUSR8228 09152070
BC LL	0.0 PSF	HC-ENG TCE/WHK *
TOT.LD.	40.0 PSF	SEQN- 26874
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TS58228Z04



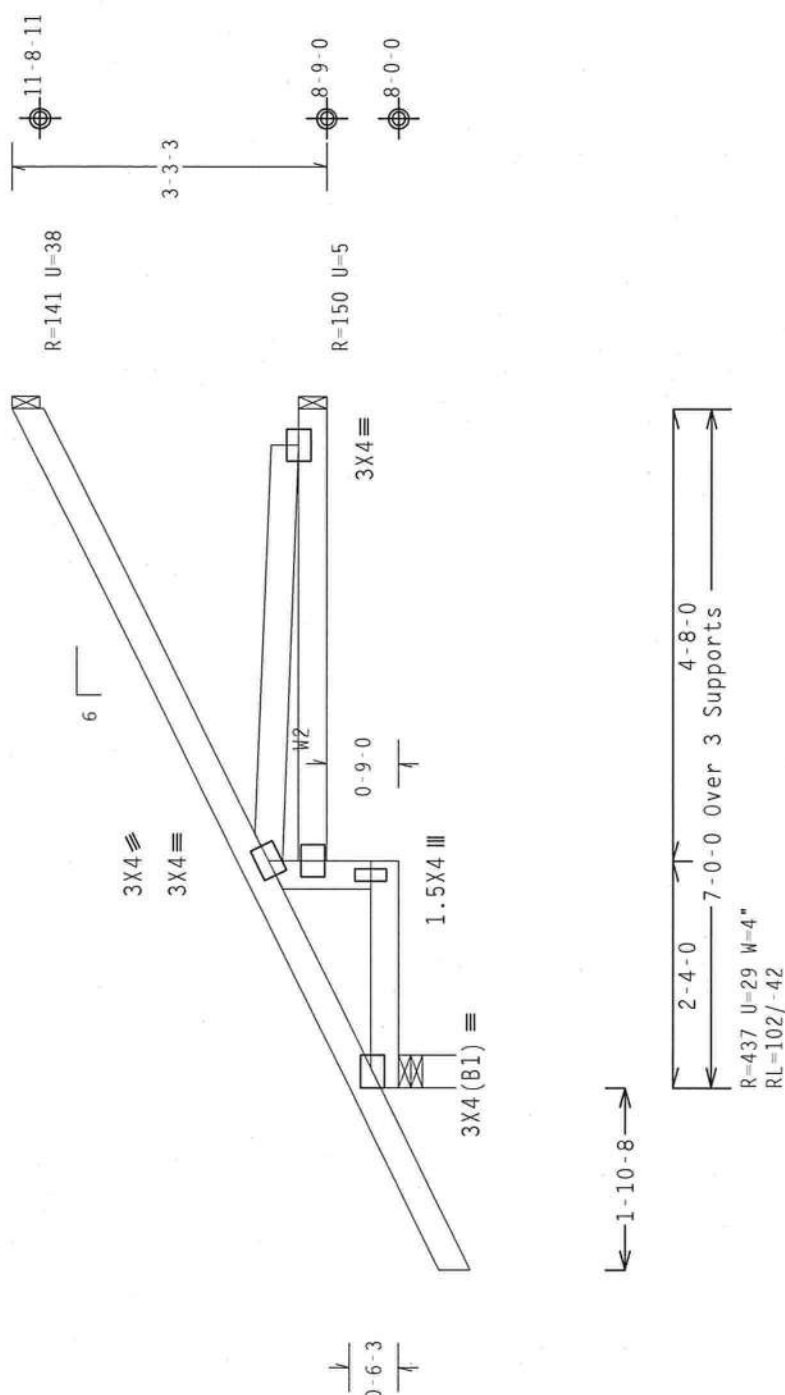
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG PROVIDES TO PLATES THE SPECIFICATION OF 2016/18/18GA (4-17/55/74) ASH 16SS GRADE 50760 (W. 47H-SS) GALV. APPL. 2. PLATES TO EACH OF THE TRUSS CHORDS SHALL BE 2016/18/18GA (4-17/55/74) ASH 16SS GRADE 50760 (W. 47H-SS) GALV. APPL. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense :W2 2x4 SP #3:
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.

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. 1W=1.00 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

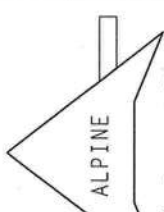
Scale = .5"/Ft.

PLT TYP. Wave

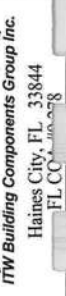
QTY: 4		FL/-/4/-/-/R/-	REF R8228- 6031
TC LL	20.0 PSF	DATE 06/01/09	DRW HCUSR8228 09152071
TC DL	10.0 PSF	HC-ENG TCE/WHK	SEQN- 26877
BC DL	10.0 PSF	TOT.LD. 40.0 PSF	DUR.FAC. 1.25
BC LL	0.0 PSF	SPACING 24.0"	JREF- 1TS58228Z04

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE



ITW Building Components Group Inc.
Haines City, FL 33844
FLC00000008

Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webbs	2x4	SP #3	

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

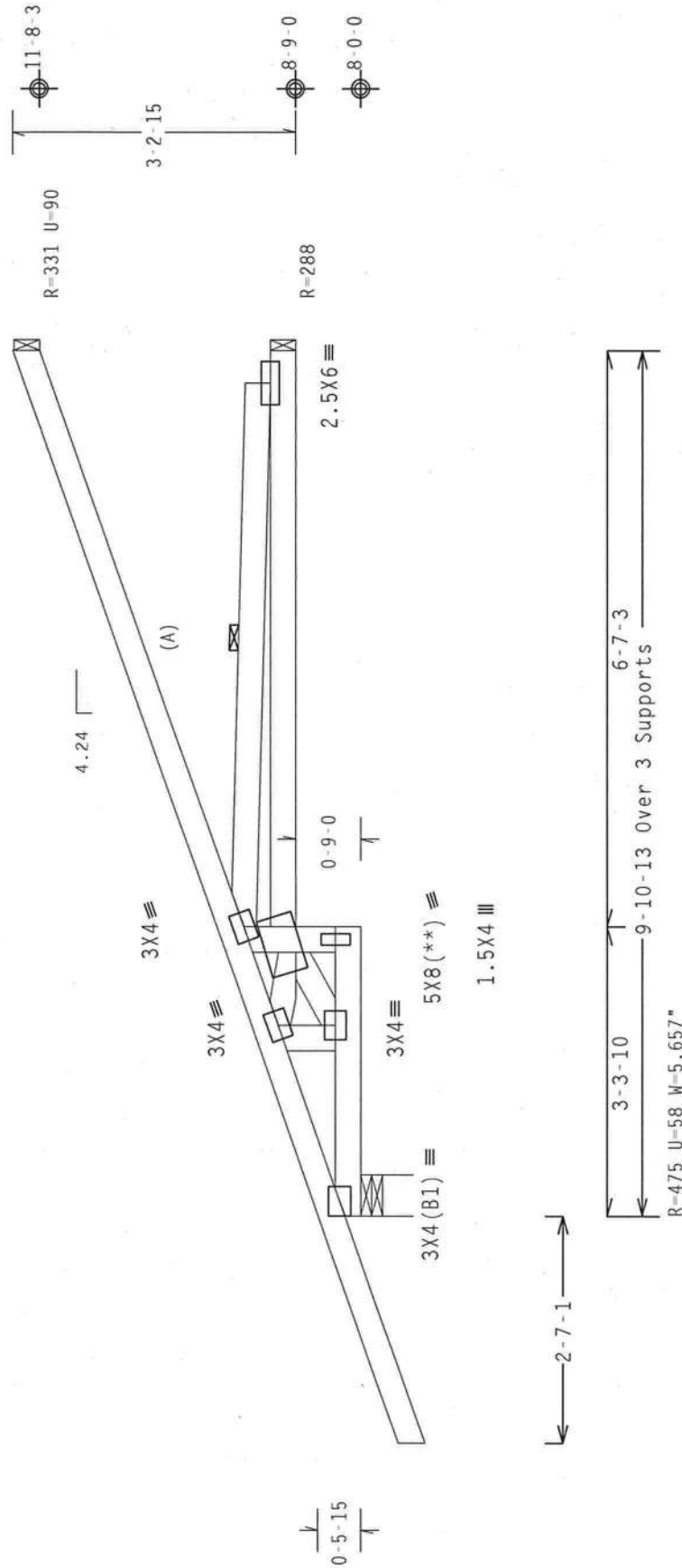
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Hipjack supports 7-0-0 setback jacks with no webs.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

Design Crit: CUSTOM/TPI - 2002 (STD)
FT/RT=20%(0%)/10(0%)

Scale = .5"/Ft.

QTY:1

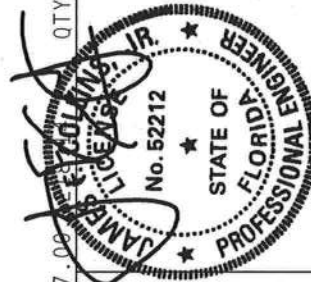
~~8.07.09~~

FT/RT=20% (0%) / 10 (0)

DESIGN BY: **ERIC**

PLT TYP. Wave

TC LL	20.0	PSF	REF	R8228 - 6032
TC DL	10.0	PSF	DATE	06/01/09
BC DL	10.0	PSF	DRW	HCUSR8228 09152072
BC LL	0.0	PSF	HC-ENG	TCE/WHK
TOT.LD.	40.0	PSF	SEQN -	26883
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1TS58228Z04



ALPINE

RTW Building Components Group Inc.
Haines City, FL 33844
FL CC 888-278

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON A TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

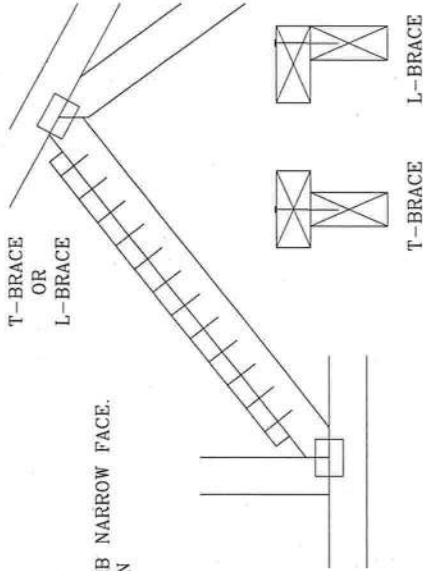
T-BRACING

OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3", MIN) NAILS. AT 6" O.C.

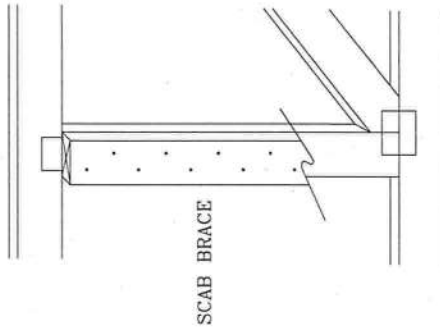
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3", MIN) NAILS. AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



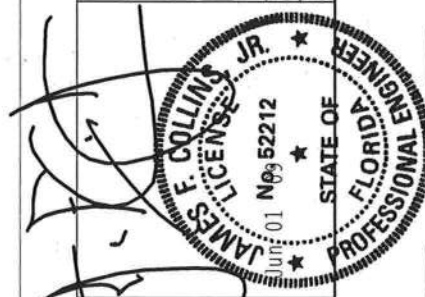
Building Components Group Inc.

Earth City, MO 63045

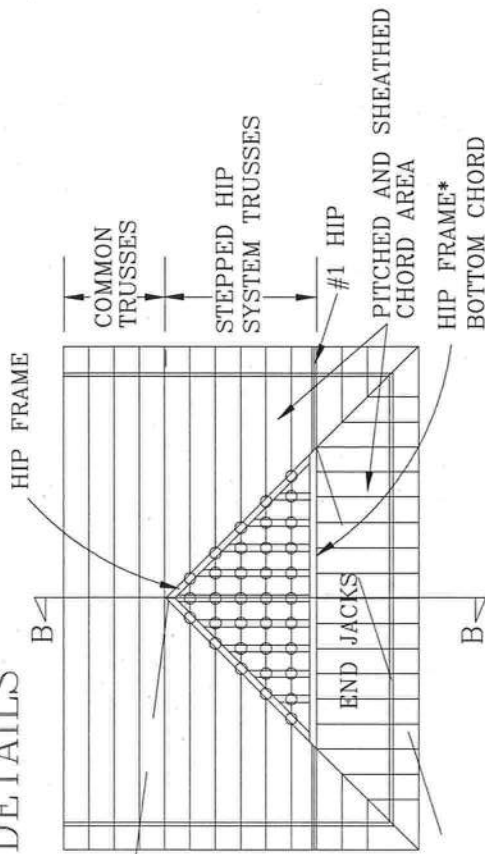
****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET.**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCS Building Component Safety Information, by TPI and WTCA for safety practices prior to performing any work on trusses. Trusses are designed and manufactured to meet or exceed the requirements of the BCS Building Component Safety Information. Trusses shall have properly attached structural panels and bottom chord shall have a properly attached field ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS sections B3 & B7. See this job's general notes page for more information.

****IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.**
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Trusses shall be installed in accordance with the ITWBCG Installation Manual. Trusses shall be braced of trusses. ITWBCG connector plates are made of 2018/18GA (W/H/S/K) ASTM A553 grade 37/40/50 (K/W/H/S) 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.
ITW-BCG: www.itwbcg.com; TPI: www.tpiusa.com; WTCA: www.abcdindustry.com; ICC: www.iccsafe.org

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

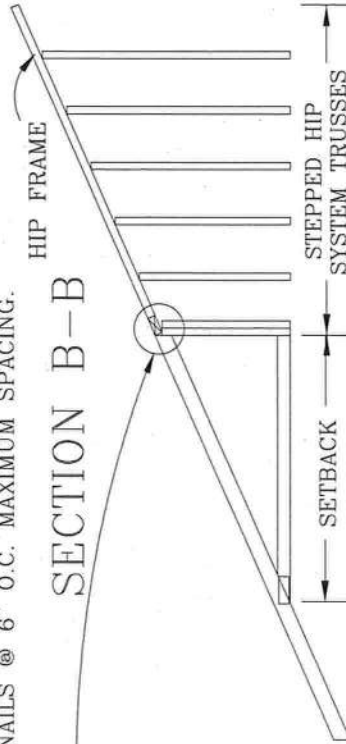


* HIP FRAME DETAILS



o- ATTACH HIP FRAME TO FLAT CHORDS OF STEPPED HIP AT ALL OVERLAPPING POINTS WITH 2-10d (0.148"x3") COMMON NAILS. BOTTOM CHORD OF HIP FRAME TO BE ATTACHED TO #1 HIP WITH 10d COMMON (0.148"x3") NAILS @ 6" O.C. MAXIMUM SPACING.

SECTION B-B



HIP FRAME - PROVIDED BY TRUSS MANUFACTURER. HIP FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT TOP CHORDS OF HIP FRAME SYSTEM WHERE INDICATED. STRUCTURAL PANELS MUST BE PROPERLY ATTACHED DIRECTLY TO HIP FRAME PURLINS.

REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow ICC-ES (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing installation. Trusses shall be properly attached to structural panels and bottom chord shall have a properly attached plate. Locations shown for permanent lateral restraint of webs shall have bracing installed per EBC sections B3 & B7. See this job's general notes page for more information.

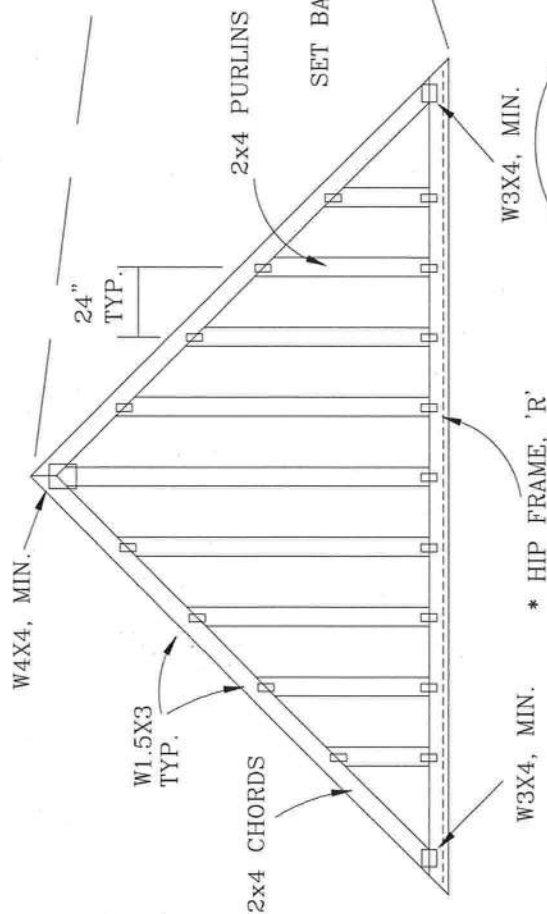
****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Trusses shall be installed in accordance with the ITWBCG connector plates made of 2018/16GA 18 H/S (K) ASTM A653 grade 37/40/60 (K/R/H/S) 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. ITW-BGC: www.itwbeg.com; TPI: www.tpiinst.com; WTCA: www.abcdindustry.com; ICC: www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045

James F. Collins, Jr.
Professional Engineer
No. 52212
09
STATE OF FLORIDA



HIP FRAME STOPS AT PLUMB CUT OF JACKS TO MAINTAIN PITCH CONTINUITY.

USE THIS DETAIL FOR ASCE 7-02 OR ASCE 7-05 WIND, 110 MPH, 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=4.2 PSF, Kzt=1.00

* HIP FRAME LUMBER IS SPF, SO. PINE, HF, OR DFL STANDARD, STUD GRADE, OR BETTER.

SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT. PURLINS MUST BE INTACT AND PROPERLY ATTACHED.

Residential System Sizing Calculation

Summary

Stapleton, Ken & Linda

Project Title:
903312EdgleyConstructionStapletonMANJ

Lake City, FL 32025-

Class 3 Rating
Registration No. 0
Climate: North

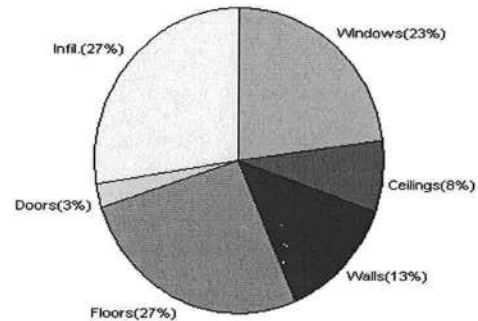
4/1/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	29877	Btuh	Total cooling load calculation	29951	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.1	35000	Sensible (SHR = 0.75)	105.4	26250
Heat Pump + Auxiliary(0.0kW)	117.1	35000	Latent	173.8	8750
			Total (Electric Heat Pump)	116.9	35000

WINTER CALCULATIONS

Winter Heating Load (for 1874 sqft)

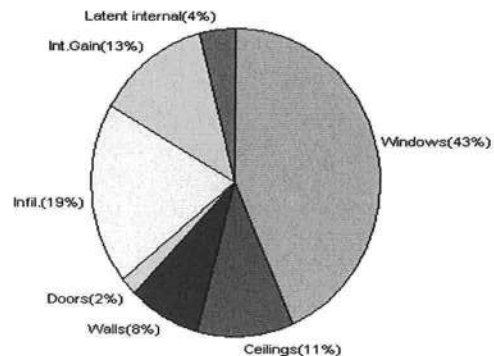
Load component			Load	
Window total	213	sqft	6866	Btuh
Wall total	1183	sqft	3884	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	1958	sqft	2307	Btuh
Floor total	182	sqft	7946	Btuh
Infiltration	200	cfm	8097	Btuh
Duct loss			0	Btuh
Subtotal			29877	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			29877	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1874 sqft)

Load component			Load	
Window total	213	sqft	12971	Btuh
Wall total	1183	sqft	2382	Btuh
Door total	60	sqft	588	Btuh
Ceiling total	1958	sqft	3243	Btuh
Floor total			0	Btuh
Infiltration	105	cfm	1953	Btuh
Internal gain			3780	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			24916	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3835	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			5035	Btuh
TOTAL HEAT GAIN			29951	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE: 4/1/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

4/1/2009

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
3	2, Clear, Metal, 0.87	W	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	NE	16.0		32.2	515 Btuh
6	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
8	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	SW	4.0		32.2	129 Btuh
Window Total			213(sqft)			6866 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1035		3.3	3398 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148		3.3	486 Btuh
Wall Total			1183			3884 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1958		1.2	2307 Btuh
Ceiling Total			1958			2307Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)		43.7	7946 Btuh
Floor Total			182			7946 Btuh
Zone Envelope Subtotal:						21780 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	14992	199.9		8097 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					29877 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

4/1/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	29877 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	29877 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

4/1/2009

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
3	2, Clear, Metal, 0.87	W	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	NE	16.0		32.2	515 Btuh
6	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
8	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	SW	4.0		32.2	129 Btuh
Window Total			213(sqft)			6866 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1035		3.3	3398 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148		3.3	486 Btuh
Wall Total			1183			3884 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
Door Total			60			777 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1958		1.2	2307 Btuh
Ceiling Total			1958			2307 Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)		43.7	7946 Btuh
Floor Total			182			7946 Btuh
Zone Envelope Subtotal:						21780 Btuh
Infiltration	Type	ACH	X	Zone Volume	CFM=	Load
	Natural	0.80		14992	199.9	8097 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					29877 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

4/1/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	29877 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	29877 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

4/1/2009

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh	
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh	
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft	20.0	20.0	0.0	29	80	579	Btuh	
4	2, Clear, 0.87, None,N,N	NW	1.5ft	5.5ft	60.0	0.0	60.0	29	60	3602	Btuh	
5	2, Clear, 0.87, None,N,N	NE	1.5ft	1.5ft	16.0	0.0	16.0	29	60	961	Btuh	
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft	30.0	30.0	0.0	29	63	869	Btuh	
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385	Btuh	
8	2, Clear, 0.87, None,N,N	SE	1.5ft	5.5ft	30.0	12.1	17.9	29	63	1468	Btuh	
9	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63	116	Btuh	
	Excursion									2589	Btuh	
	Window Total				213 (sqft)					12971 Btuh		
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext		13.0/0.09		1034.7			2.1		2158 Btuh		
2	Frame - Wood - Adj		13.0/0.09		148.0			1.5		223 Btuh		
	Wall Total				1183 (sqft)					2382 Btuh		
Doors	Type				Area (sqft)			HTM		Load		
1	Insulated - Adjacent				20.0			9.8		196 Btuh		
2	Insulated - Exterior				20.0			9.8		196 Btuh		
3	Insulated - Exterior				20.0			9.8		196 Btuh		
	Door Total				60 (sqft)					588 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle		30.0		1958.0			1.7		3243 Btuh		
	Ceiling Total				1958 (sqft)					3243 Btuh		
Floors	Type		R-Value		Size			HTM		Load		
1	Slab On Grade		0.0		182 (ft(p))			0.0		0 Btuh		
	Floor Total				182.0 (sqft)					0 Btuh		
	Zone Envelope Subtotal:									19183 Btuh		
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural		0.42		14992			104.9		1953 Btuh		
Internal gain			Occupants		Btuh/occupant			Appliance		Load		
			6		X 230 +			2400		3780 Btuh		
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)								DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									24916 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32025-

903312EdgleyConstructionStapletonMANJ

4/1/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24916 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24916 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24916 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3835 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5035 Btuh
	TOTAL GAIN	29951 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

903312EdgleyConstructionStapletonMANJ

Registration No. 0

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

4/1/2009

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft	20.0	20.0	0.0	29	80	579	Btuh
4	2, Clear, 0.87, None,N,N	NW	1.5ft	5.5ft	60.0	0.0	60.0	29	60	3602	Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft	1.5ft	16.0	0.0	16.0	29	60	961	Btuh
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft	30.0	30.0	0.0	29	63	869	Btuh
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385	Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft	5.5ft	30.0	12.1	17.9	29	63	1468	Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63	116	Btuh
	Excursion									2589	Btuh
	Window Total				213 (sqft)					12971 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext		13.0/0.09		1034.7			2.1		2158 Btuh	
2	Frame - Wood - Adj		13.0/0.09		148.0			1.5		223 Btuh	
	Wall Total				1183 (sqft)					2382 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Adjacent				20.0			9.8		196 Btuh	
2	Insulated - Exterior				20.0			9.8		196 Btuh	
3	Insulated - Exterior				20.0			9.8		196 Btuh	
	Door Total				60 (sqft)					588 Btuh	
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle		30.0		1958.0			1.7		3243 Btuh	
	Ceiling Total				1958 (sqft)					3243 Btuh	
Floors	Type		R-Value		Size			HTM		Load	
1	Slab On Grade		0.0		182 (ft(p))			0.0		0 Btuh	
	Floor Total				182.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									19183 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load	
	SensibleNatural		0.42		14992			104.9		1953 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			6		X 230 +			2400		3780 Btuh	
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)									DGM = 0.00	
	Sensible Zone Load									24916 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Stapleton, Ken & Linda

Project Title:

Class 3 Rating

Registration No. 0

Climate: North

Lake City, FL 32025-

903312EdgleyConstructionStapletonMANJ

4/1/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	24916 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	24916 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	24916 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3835 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5035 Btuh
	TOTAL GAIN	29951 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Stapleton, Ken & Linda

Lake City, FL 32025-

Project Title:
903312EdgleyConstructionStapletonMANJ

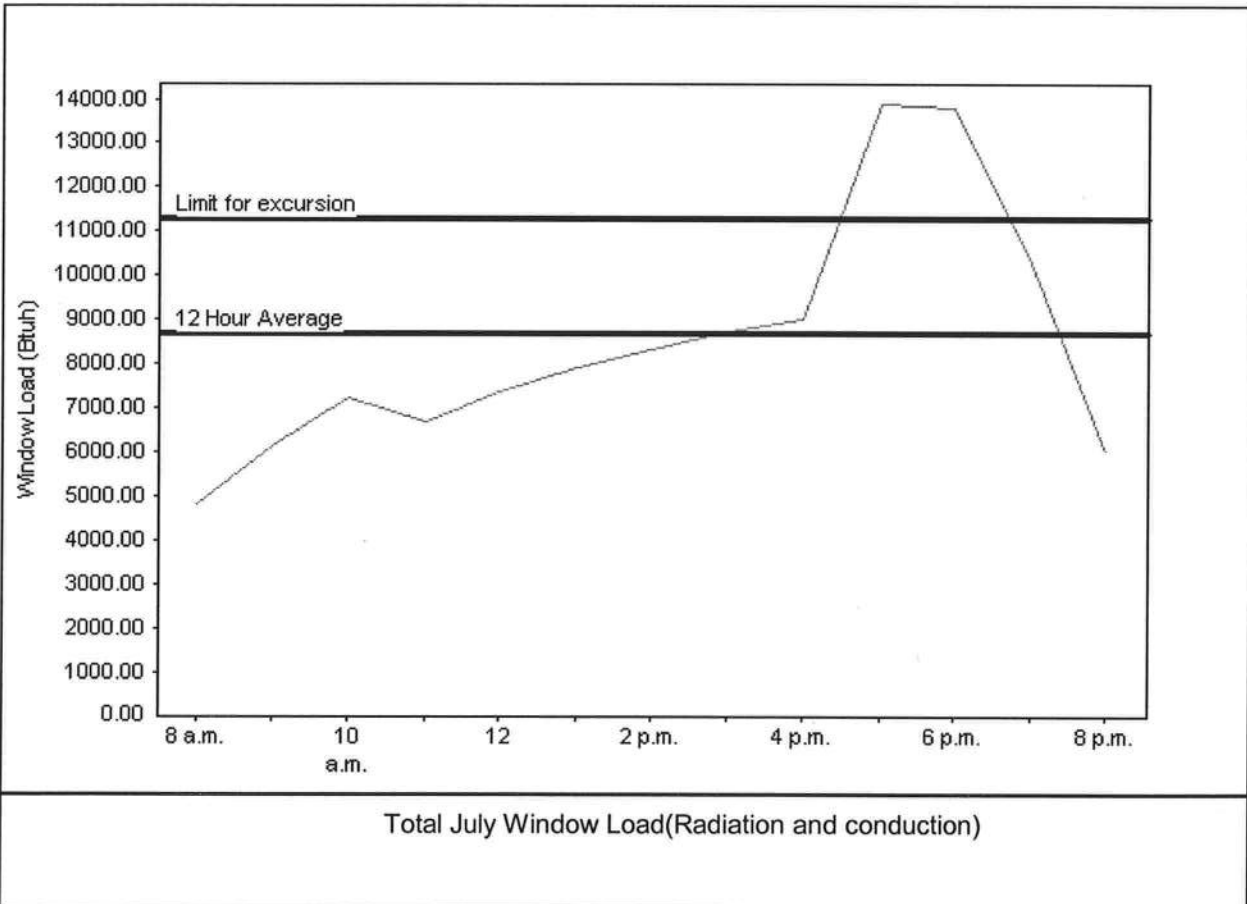
Class 3 Rating
Registration No. 0
Climate: North

4/1/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	8682 Btuh
Summer setpoint	75 F	Peak window load for July	13875 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	11287 Btu
Latitude	29 North	Window excursion (July)	2589 Btuh

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

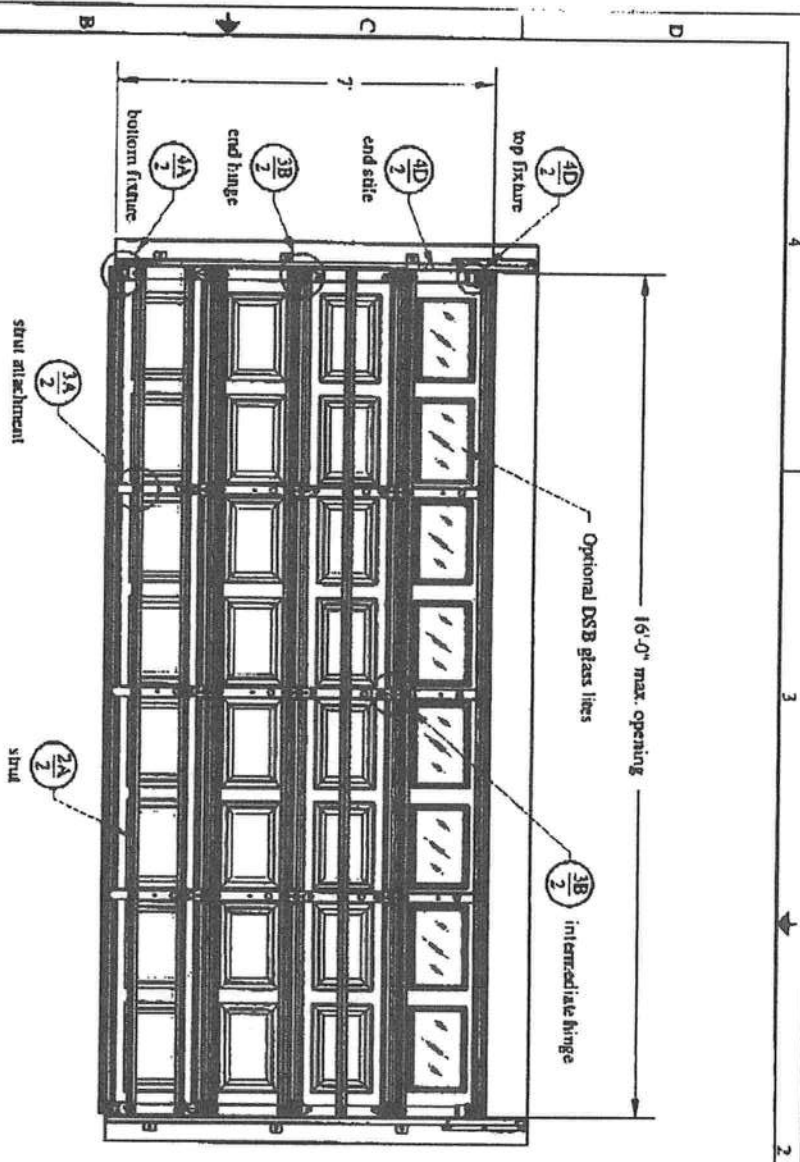
PREPARED BY:

DATE:

4/1/09



EnergyGauge® FLR2PB v4.1



This door has been tested in accordance with ANSI/ASBMA 108-2002
 Design Pressure (DP): 13.5 psf / 20.7 psf
 Test Pressure (TP): 27.8 psf / 31.1 psf
 Per 2004 FBC Table 1609.6.5, DP meets or exceeds basic wind speed of:
 V = 110 MPH for Exposure B and mean roof height of 30' or less
 V = 93 MPH for Exposure C and mean roof height of 30' or less
 Maximum door size: 16'-0" wide by 14'-0" tall
 Glazing and door have not been tested for windborne debris.
 Wood buck and supporting structural elements shall be designed by a
 registered professional engineer for wind loads shown on this drawing.
 If door is not electrically operated, a lock must be installed.

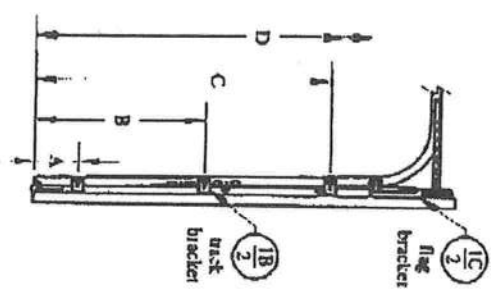
Professional Engineer's seal provided
 only for verification of windload
 construction details

John E. Seales, P.E.
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. #51737

Door Model	Gauge	Decimal
223072251	25	.0185
42304251	25	.0185
224072241	24	.0225
42404241	24	.0225
52405241	24	.0225

door height	strut quantity	flag bracket quantity
6'-6" to 7'-0"	4	7
7'-0" to 8'-0"	5	8
8'-0" to 9'-0"	6	9
9'-0" to 10'-0"	7	10
10'-0" to 12'-0"	8	11
12'-0" to 14'-0"	9	12

Refer to Supplemental Instructions for
 strut placement on doors over 7'-0" high



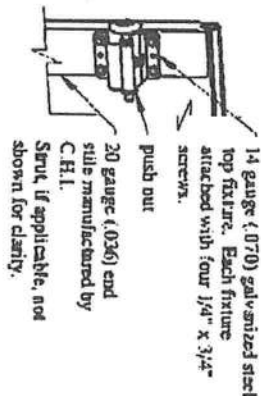
Track Bracket Chart	door height									
	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"	9'-0"
D	60"	63"	66"	69"	72"	75"	78"	81"	84"	87"
C	55"	58"	61"	64"	67"	70"	73"	76"	79"	82"
B	50"	53"	56"	59"	62"	65"	68"	71"	74"	77"
A	45"	48"	51"	54"	57"	60"	63"	66"	69"	72"

Track bracket locations shown above are for doors up to five sections high.
 Additional door sections may be added for a maximum door height of 14'-0".
 One track bracket (per track) must be added for each section and spaced at a
 distance not greater than the corresponding section height.

FL 5519

Model 2250/51 (16'-0" wide)
 C.H.T. Drawing: ZJ-1607-01100

Details on some views may have been omitted for clarity.



14 gauge (.070) galvanized steel top fixture. Each fixture attached with four $1/4" \times 3/4"$ screws.
push out
20 gauge (.036) end stile manufactured by C.H.I.
Screw, if applicable, not shown for clarity.

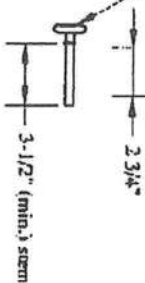
12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one $5/16" \times 1-5/8"$ wood lag screw per bracket.

2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one $1/4" \times 5/8"$ track bolt and nut.

2" steel track roller.

Bad Hinge 16 gauge (.058) galvanized steel end hinge fastened to section with four $1/4" \times 3/4"$ screws.
push out

Intermediate Hinge 18 gauge (.047) galvanized steel intermediate hinge fastened to section with four $1/4" \times 3/8"$ screws.



20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two $1/4" \times 3/4"$ screws per ellipse or hinge plate.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four $1/4" \times 3/4"$ screws.
push out
Aluminum extension
Vinyl
weatherstrip

Professional Engineer's seal provided only for verification of window construction details

John E. Scarus, P.E.
1411 LeMay Street #205
Carrollton, Texas 75607
Florida P.E. # 51737

12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three $5/16" \times 1-5/8"$ wood lag screws.

Flag bracket attached to horizontal track with two $1/4" \times 5/8"$ track bolts and nuts.

Flag bracket attached to vertical track with two $1/4" \times 5/8"$ track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one $5/16" \times 1-5/8"$ wood lag screw per bracket.

Each track bracket attached with one $1/4" \times 5/8"$ track bolt and nut.
Or two $1/4" \times 11/32"$ rivets.

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

Model 225051 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

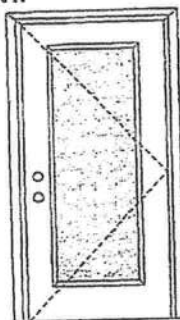
X

Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is **REQUIRED**.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Wornock-Horsay



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



135 Series



680 Series

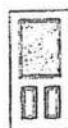


822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



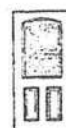
129 Series*



200 Series*



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



107 Series*



109 Series



304 Series

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

XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Witnessed Signatures

XX

Test Data Review Certificate #2025447A and COP/Test Report Validation Number 43026447A-001 provides additional information - available from the ITS/ANH website (www.itsanh.com), the Miami-Dade website (www.miamidade.com) or the Associated Technical Center.

Johnson
EntrySystems

DECLARATION OF WORK
Continued on next page

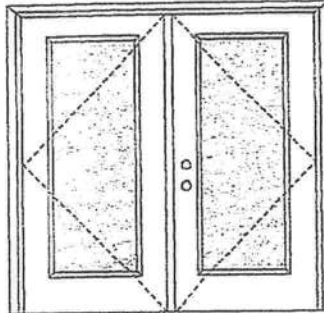
XX

Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is **REQUIRED**.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

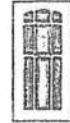
1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series

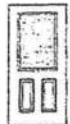


822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



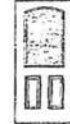
129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

Johnson™



Exclusively from

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



450 Series

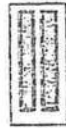
FULL GLASS:



109 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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EntrySystems

June 17, 2002
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Exclusively from

Masonite International Corporation

OXO
Glazed Inswing Unit

COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

APPROVED SIDELITE STYLES:



680 Series



129 Series



200 Series



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



450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthaz

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.itsamko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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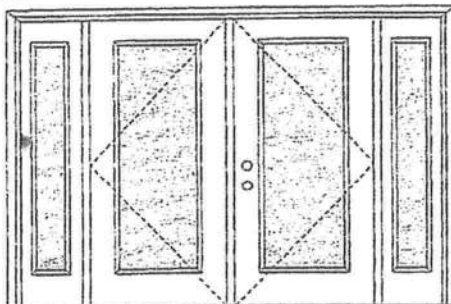
Exclusively from

OXO
Glazed Inswing Unit

COP-WL-JH4145-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door with 2 Sidelites
Maximum unit size = 12'0" x 6'8"

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0005-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

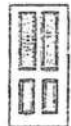
1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product details subject to change without notice.



Exclusively from
Masonite
Masonite International Corporation

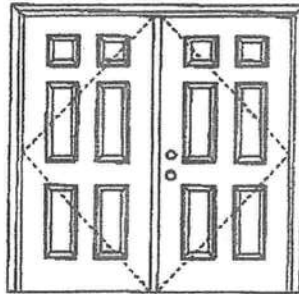
XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #1026447A and COP/Test Report Validation Certificate #2020447A-001 provide additional information - available from the ITG/WH website (www.ettm.com), the Masonite website (www.masonite.com) or the Macomber approval center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+45.0/-45.0

Excluded water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:



Plain



Arch Top 3-panel



3-panel



4-panel



New England 4-panel



Eyebrow 4-panel



6-panel



9-panel



15-panel



5-panel



6-panel with screen



Eyebrow 5-panel



Eyebrow 5-panel with screen

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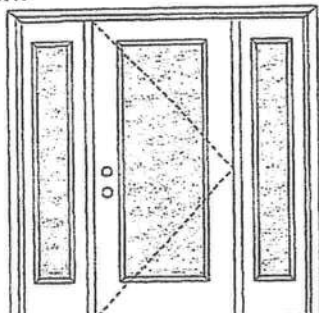
June 17, 2002
Our continuing program of product improvement means specifications, options and products
are subject to change without notice.



E-Products Inc.
Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Single Door with 2 Sidelites
Maximum unit size = 9'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0004-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



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



107 Series*



108 Series



304 Series

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

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EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product details subject to change without notice.

PREMDOR Collection
Premium Quality Doors



Exclusively from

Masonite
Masonite International Corporation

Day
Edgley

**AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin

TYPE: Aluminum Single Hung Window

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft ²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess

Mark A. Hess, Technician

MAH:nlb

Allen H. Reeves
1 APRIL 2002





AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen N. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

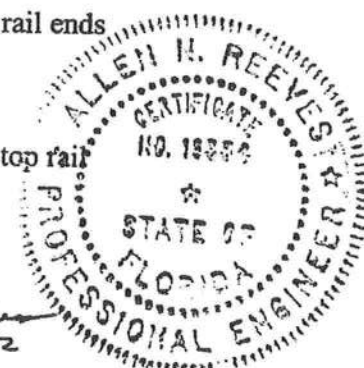
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42"* 0.43"*	0.26" max. 0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
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Allen N. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

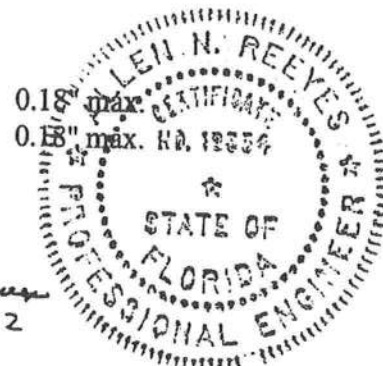
<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"



Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:



Mark A. Hess
Technician

MAH:nlb
01-41134.01



Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002





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: ITQH215-Z0403074119

Truss Fabricator: W.B. Howland

Job Identification: 6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL

Truss Count: 37

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: FBC2007Res/TPI-2002(STD)

Engineering Software: Alpine Software, Version 9.01.

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: HCUSR215

Details: BRCLBSUB-HIPFRAME-

Seal Date: 04/03/2009

-Truss Design Engineer-

Doug Fleming

Florida License Number: 66648

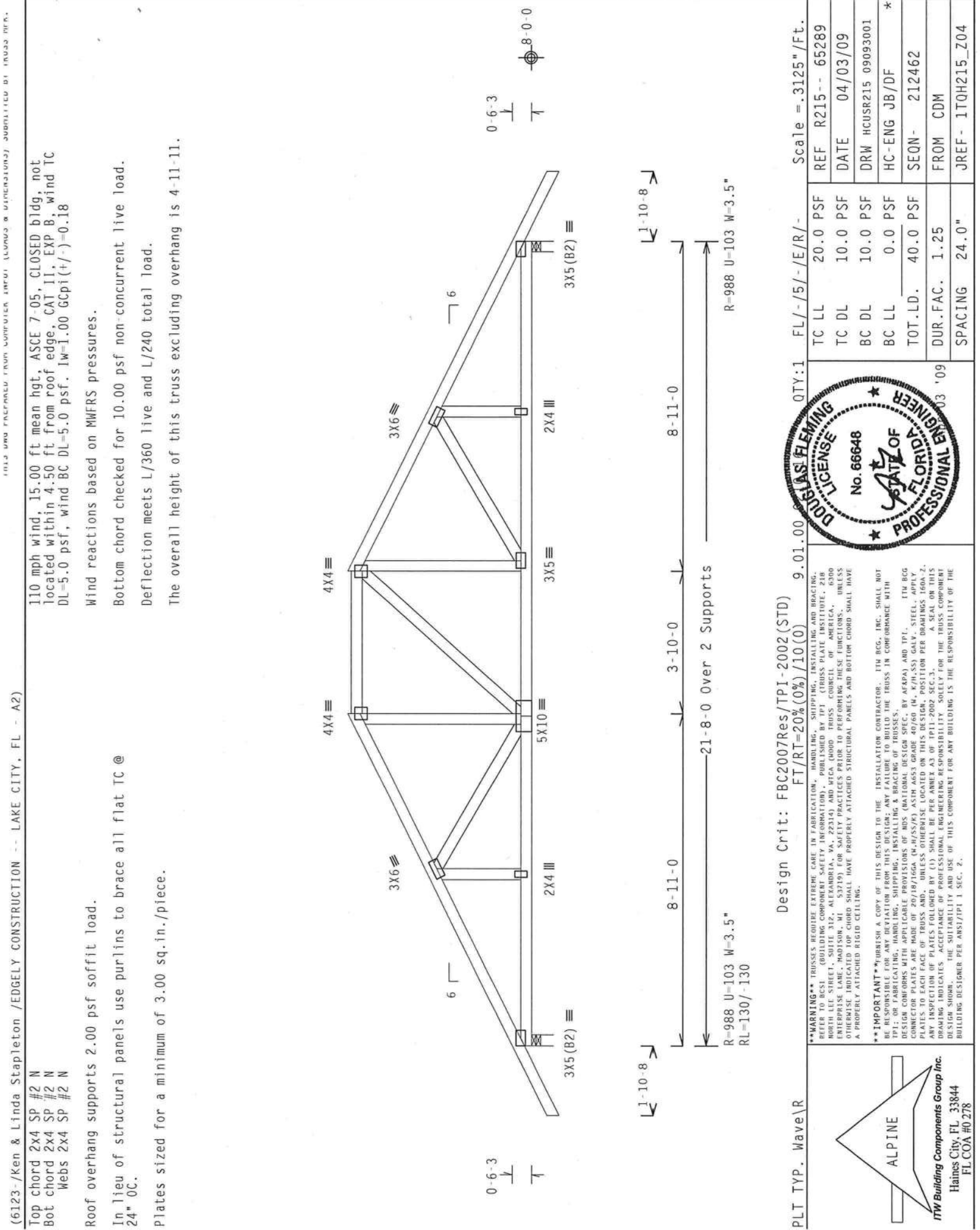
1950 Marley Drive

Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	65288--	A1HG	09093033	04/03/09
2	65289--	A2	09093001	04/03/09
3	65290--	A3	09093002	04/03/09
4	65291--	A4	09093003	04/03/09
5	65292--	B1HG (2-PLY)	09093034	04/03/09
6	65293--	B2	09093011	04/03/09
7	65294--	B3	09093012	04/03/09
8	65295--	B4	09093013	04/03/09
9	65296--	B5	09093014	04/03/09
10	65297--	B6	09093015	04/03/09
11	65298--	B7	09093016	04/03/09
12	65299--	B8	09093017	04/03/09
13	65300--	B9	09093018	04/03/09
14	65301--	B10	09093019	04/03/09
15	65302--	B11	09093020	04/03/09
16	65303--	B12	09093021	04/03/09
17	65304--	B13	09093022	04/03/09
18	65305--	B14	09093004	04/03/09
19	65306--	B15	09093005	04/03/09
20	65307--	B16	09093006	04/03/09
21	65308--	B17	09093007	04/03/09
22	65309--	B18	09093023	04/03/09
23	65310--	B19	09093024	04/03/09
24	65311--	B20	09093025	04/03/09
25	65312--	B21HG (2-PLY)	09093035	04/03/09
26	65313--	JC1	09093026	04/03/09
27	65314--	JC3	09093027	04/03/09
28	65315--	JC3A	09093008	04/03/09
29	65316--	JC5	09093028	04/03/09
30	65317--	JC5A	09093009	04/03/09
31	65318--	JE7	09093029	04/03/09
32	65319--	JE7A	09093010	04/03/09
33	65320--	JH10	09093036	04/03/09
34	65321--	JH10A	09093037	04/03/09
35	65322--	PF1	09093030	04/03/09
36	65323--	PF2	09093031	04/03/09

#	Ref	Description	Drawing#	Date
37	65324--	PF3	09093032	04/03/09





(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - A2)

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

Roof overhang supports 2.00 psf soffit load.

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

Plates sized for a minimum of 3.00 sq.in./piece.

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. $I_w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4'-11-11.

Design Crit: FBC2007Res/TPI-2002(STD)

Scale = .3125"/Ft.

QTY:1	FL/-5/-E/R/-	TC LL	20.0 PSF	REF	R215--	65289
		TC DL	10.0 PSF	DATE	04/03/09	
		BC DL	10.0 PSF	DRW	HCUSR215	09093001
		BC LL	0.0 PSF	HC-ENG	JB/DF	*
		TOT.LD.	40.0 PSF	SEQN-	212462	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TQH215_Z04	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND IPT. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1666 (A70/55/75) ASH A653 GRADE 40/60 (N. & H.S.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP CHORD AND BOTTOM CHORD. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2, 100B-2, 100C-2, 100D-2, 100E-2, 100F-2, 100G-2, 100H-2, 100I-2, 100J-2, 100K-2, 100L-2, 100M-2, 100N-2, 100O-2, 100P-2, 100Q-2, 100R-2, 100S-2, 100T-2, 100U-2, 100V-2, 100W-2, 100X-2, 100Y-2, 100Z-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

1110 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. $lw=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

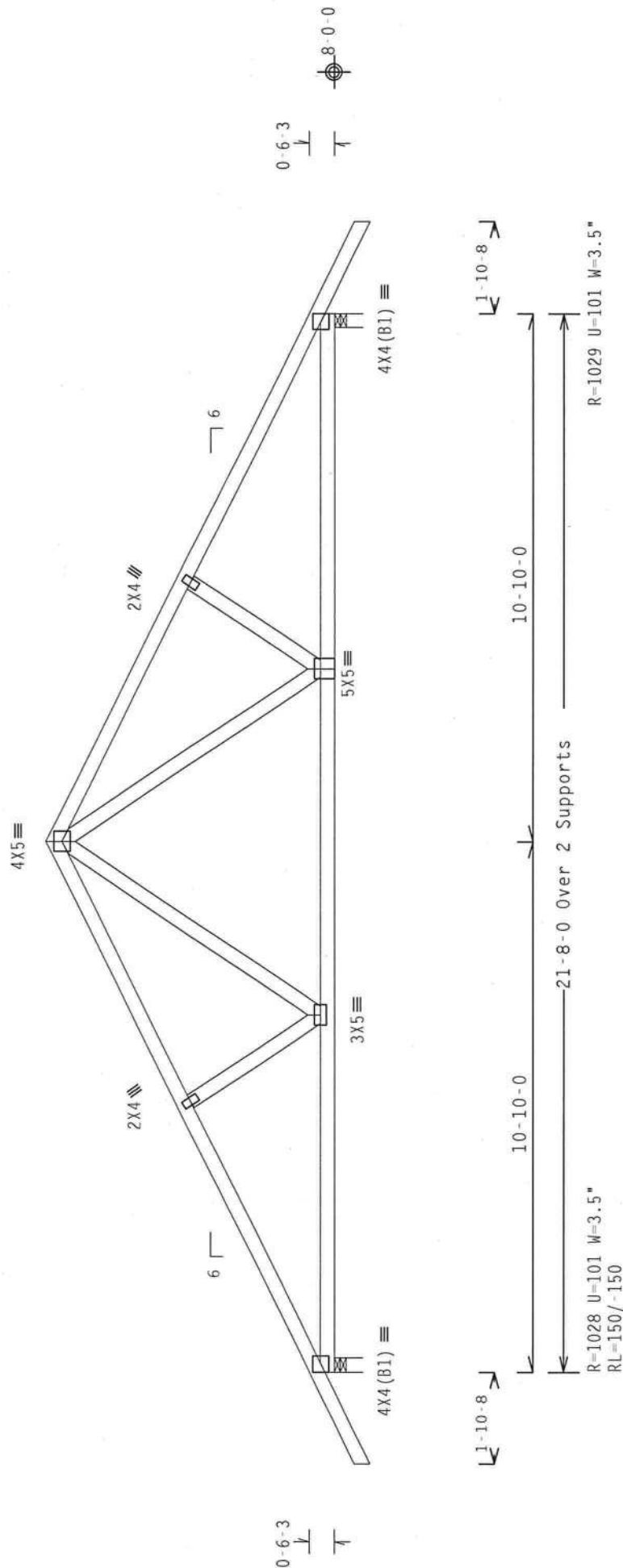
The overall height of this truss excluding overhang is 5-11-3.

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

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.

Plates sized for a minimum of 3.00 sq. in./piece.

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT_TYP. Wave\R

9.01.00

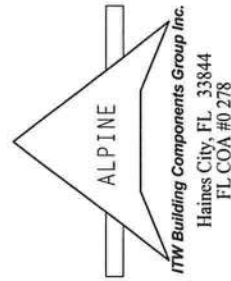
QTY:3 FL/-15/-1E/R/-

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R215 --	65290
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093002
BC LL	0.0 PSF	HC-ENG	JB/DF	*
TOT.LD.	40.0 PSF	SEQN-	212463	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	

[illegible]

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR-ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITM BCG TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. ITM BCG DESIGN COMES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AISC) AND TP1. ITM BCG WILL NOT BE RESPONSIBLE FOR ANY VIOLATIONS OF ANY OTHER CODES OR REGULATIONS. ALL TRUSS PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN SECTION PER DRAWINGS 600A.2. A SEAL ON THIS DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY TP1-2009 SEC.3. ALL SHALL BE PER AMER AS OF TP1-2009 SEC.3. DRUMMING INDICATORS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USER OF THIS COMMENT FOR ANY COLLISION IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/TP1 SEC.2.



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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

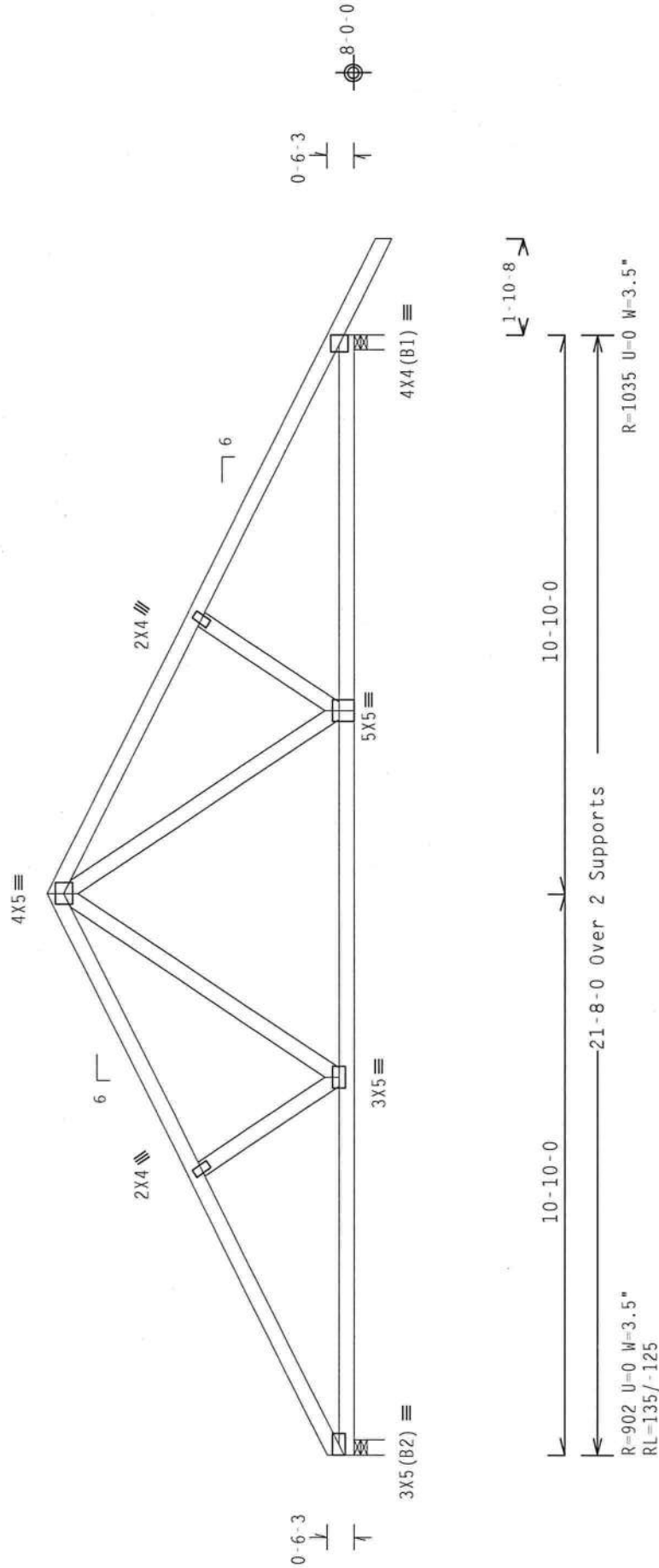
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Deflection meets L/360 live and L/240 total load.

• http://www.bbc.co.uk/1/health/2004/04/040424_1_nutrition.shtml

The overall height of this truss excluding overhang is 5-11-3.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: $\text{FBC2007Res/TPI-2002(STD)}$
 $\text{FT/RT}=20\%(0\%)/10(0)$

PLT TYP. Wave\R

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

WARNING: POSSES RIGIDITY EXTREME CARE IN FABRICATION. HANDING, SHIPPING, INSTALLING AND BRACING REFER TO THE FOLLOWING COMPOUND SAFETY INFORMATION, PUBLISHED BY THE CURVES PLATE INSTITUTE, 100 NORTH LIFE STREET, SUITE 111, 312 E. 22ND AVE., DENVER, CO 80202. (303) 733-1111. CURVES PLATE INSTITUTE, 6300 ENTERPRISE LANE, MIDDLETOWN, MI 48047. (313) 537-9191. FOR SAFETY PRACTICES, PLEASE REFER TO THE FOLLOWING: UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL BUILDINGS. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. FOR STEEL BUILDINGS. ITW BCG CONNECTOR PLATES ARE MADE OF 70/10/16GAU H/255X/51 ASH A653 GRADE 40/60 U. K/H-55 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TP11-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/TP1 1 SEC. 2.



TC LL	20.0 PSF	REF R215-- 65291
TC DL	10.0 PSF	DATE 04/03/09
BC DL	10.0 PSF	DRW HCUR215 09093003
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 212467
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TQH215_Z04

Top chord 2x4 SP #2 N : T2, T3 2x6 SP #2 N :

Bot chord 2x6 SP #2 N

Webs 2x4 SP #2 N

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 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 3-11-11.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" o.c.

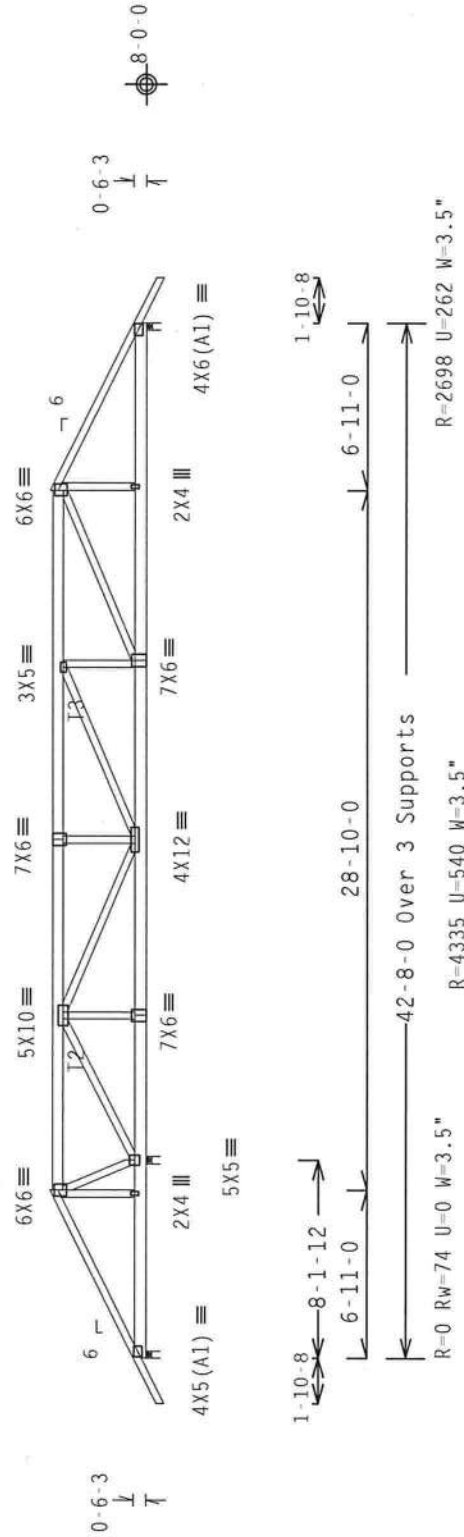
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Roof overhang supports 2.00 psf soffit load.

#1 hip supports 6-11-0 jacks W/2 panel TC and no end vert.

Plates sized for a minimum of 3.00 sq. in./piece.

Design Crit: $\text{FBC2007Res}/\text{TPI}-2002(\text{STD})$
 $\text{FT}/\text{RT}=20\%(0\%)/10(0)$

PLT TYP. Wave\R

9.01.00

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

Scale = .125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, ERECTION, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES DISCLOSED TO THE PUBLICITY, 1300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICA TRUSS, COUNCIL OF AMERICANS, 1000 LEE STREET, SUITE 312, ALEXANDRIA, VA 22314. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID FEELING.

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

DESIGN COMPONENTS ARE APPLICABLE PROPERTIES OF RODS (NATIONAL DESIGN SPEC., 1974) AND TPI. 1TH RAY CONNECTOR PLATES HAVE MADE OF 7017/166A (K/55/85) ASTM A663 GRADE 40/60 (K/55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TPI 1 SEC. 2.



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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load.

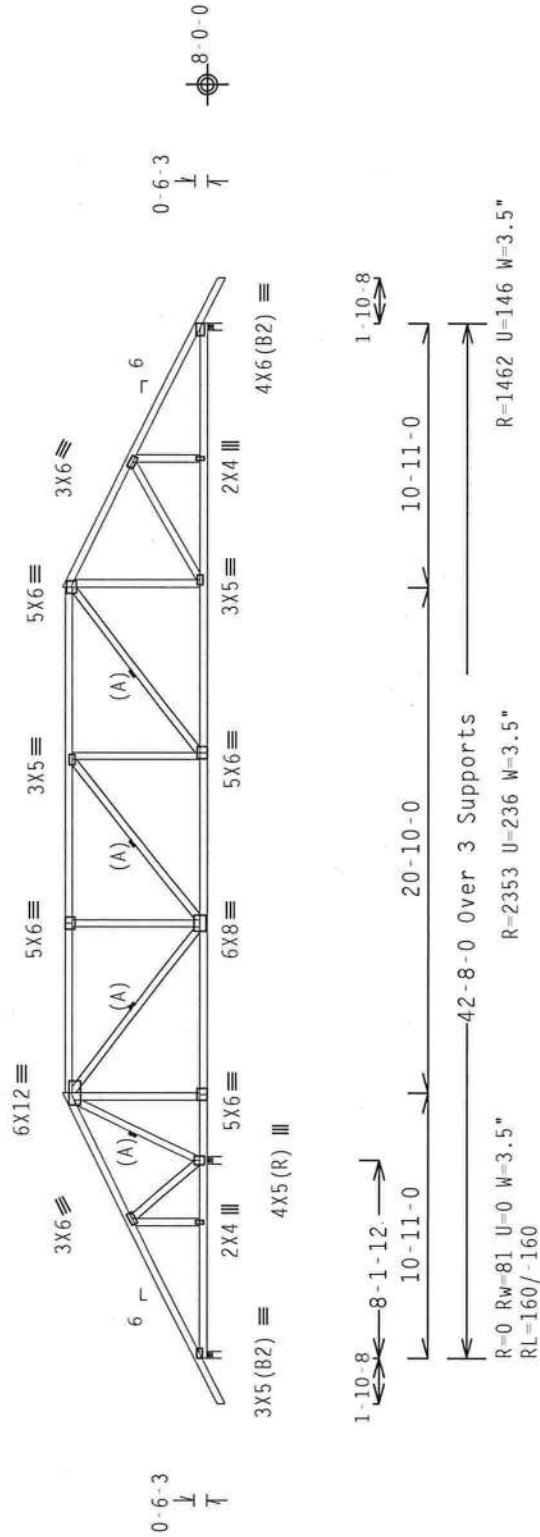
The overall height of this truss excluding overhang is 5-11-11.

Wind reactions based on MWFRS pressures.

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

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

Plates sized for a minimum of 3.00 sq. in./piece.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave\R

FT/RT=20%(0%)/10(0)	9.01.00
3002007/Res/1FT-2002(310)	

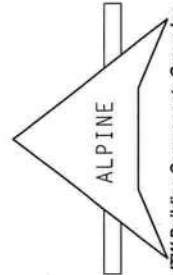
QTY:1 FL/-/5/-/E/R/-

Scale = .125"/Ft.

TC LL	20.0	PSF	REF R215 - - 65294
TC DL	10.0	PSF	DATE 04/03/09
BC DL	10.0	PSF	DRW HCUR215 0909301
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 212471
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TQH215.Z04



****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THIS DESIGN. ANY FAILURE TO BUILD THE TROUSS IN CONFORMANCE WITH THIS DESIGN COORDINATES WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPECIES. ITW BCG CONNECTOR PLATES ARE MADE OF 70/10/16GA UH/S28Y3 ASH A653 GRADE 40/60 UH K/H-SS GALV. STEEL. APPLY PLATES TO EACH FACE OF TROUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10DA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX 43 OF TP11-2902 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TROUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX/TP11 SEC. 2.



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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

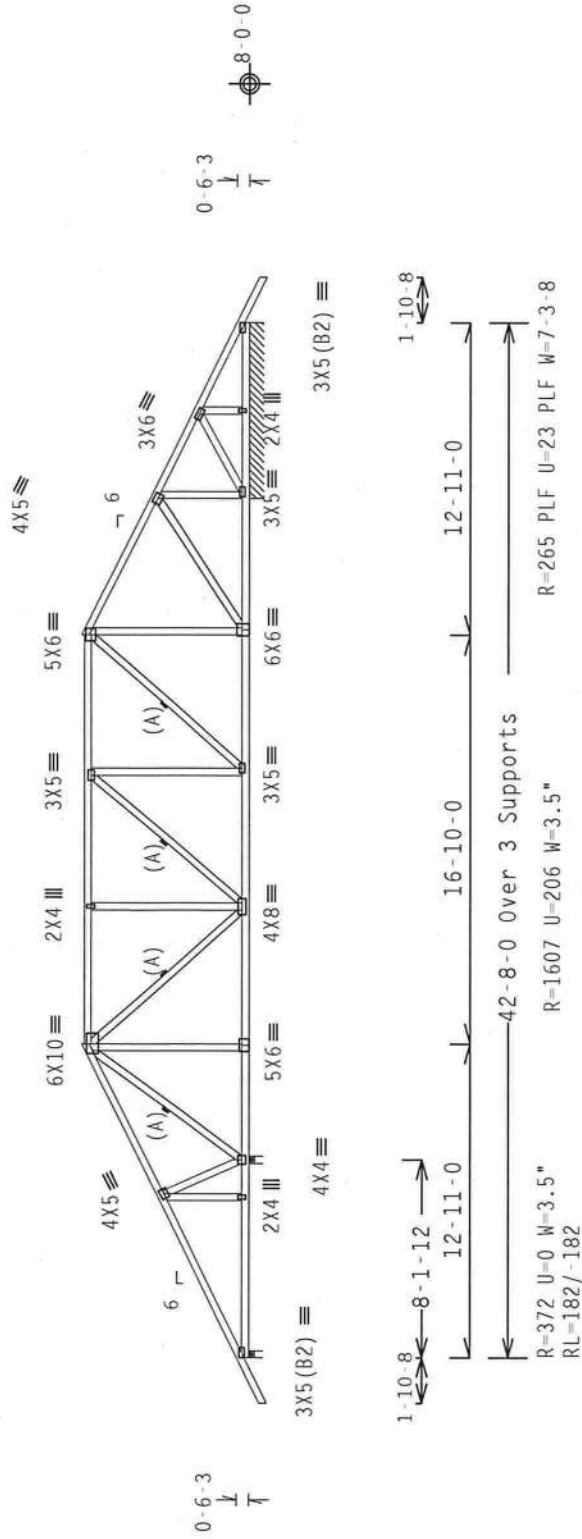
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 6-11-11.

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT_TYP. Wave\R

QTY:1

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

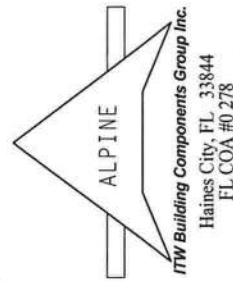
Scale = .125"/Ft.

[illegible]

TC LL	20.0 PSF	REF	R215 - -	65295
TC DL	10.0 PSF	DATE	04/03/09	

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE FROM THIS DESIGN; ANY FAILURE TO BUILD THE THOUS IN COMPLIANCE WITH THE DESIGN OR ANY OTHER CONSTRUCTION PROVISIONS OF ANY APPLICABLE DESIGN SPEC. ITW BCG CONNECTOR PLATES ARE MADE OF 70/30/1/66GA (A5/SS316) ASTM A663 GRADE 40/60 (A, K/H/SS) GALV. SATELL. APPLY PLATES TO EACH FACE OF THOUS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ABEX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE THOUS COMPONENT BEING SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX1/TP1 SEC. 2.

BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 212472
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 110H15 704



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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Plates sized for a minimum of 3.00 sq.in./piece.

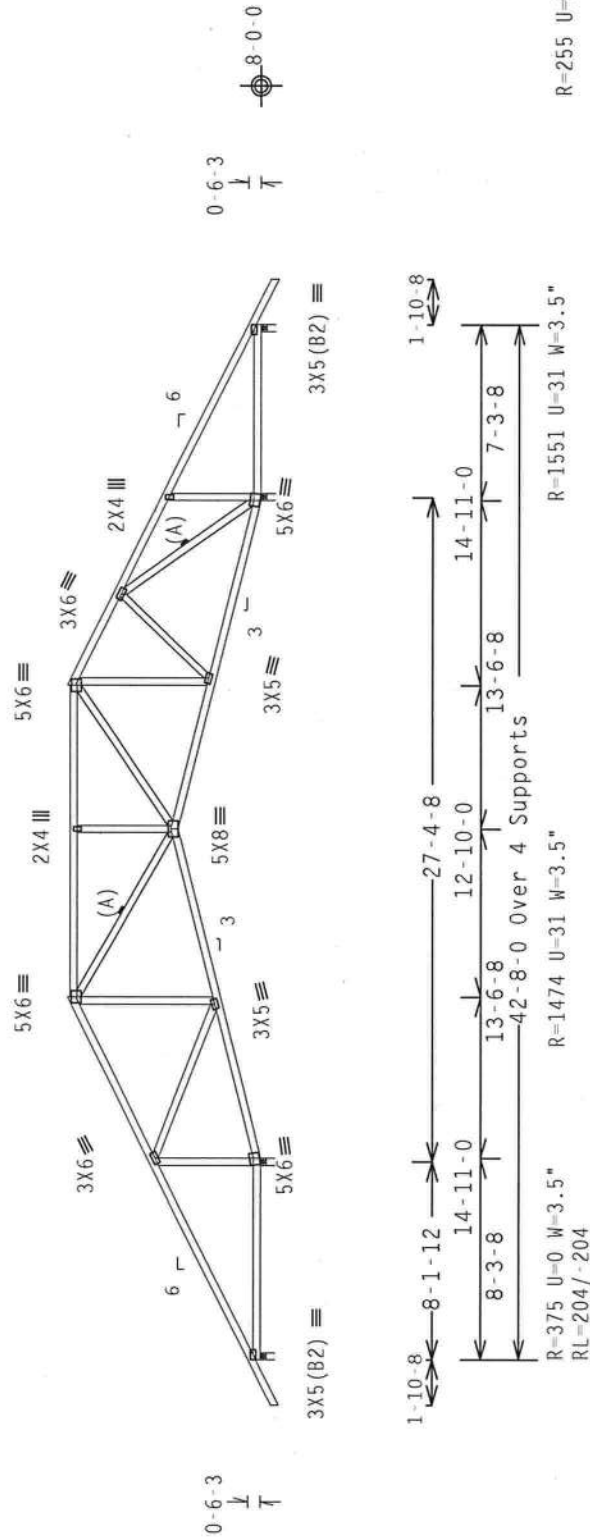
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

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

Design Crit: $\text{FBC2007Res/TPI-2002(STD)}$
 $\text{FT/RT}=20\%(0\%)/10(0)$

PLT TYP. Wave\R



OTY:1 FL/-/5/-/F/R/- Scale = 125"/Ft.

TC LL	20.0	PSF	REF R215 - - 65296
TC DL	10.0	PSF	DATE 04/03/09
BC DL	10.0	PSF	DRW HCURS215 09093014
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEON - 212473
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF - 1T0H215_Z04

ALPINE

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

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

ITW BCG HAS REVIEWED THIS DESIGN AND APPROVES THE USE OF THE FOLLOWING MATERIALS:

CONNECTION PLATES ARE MADE OF T6019/16GALV ALUMINUM VANCE GARDER 40K OR KANSAI GALVAL STEEL - APPROXIMATELY 1/8" THICK.

PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF TP11-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANXI/TP11.1 SEC. 2.

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-) = 0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

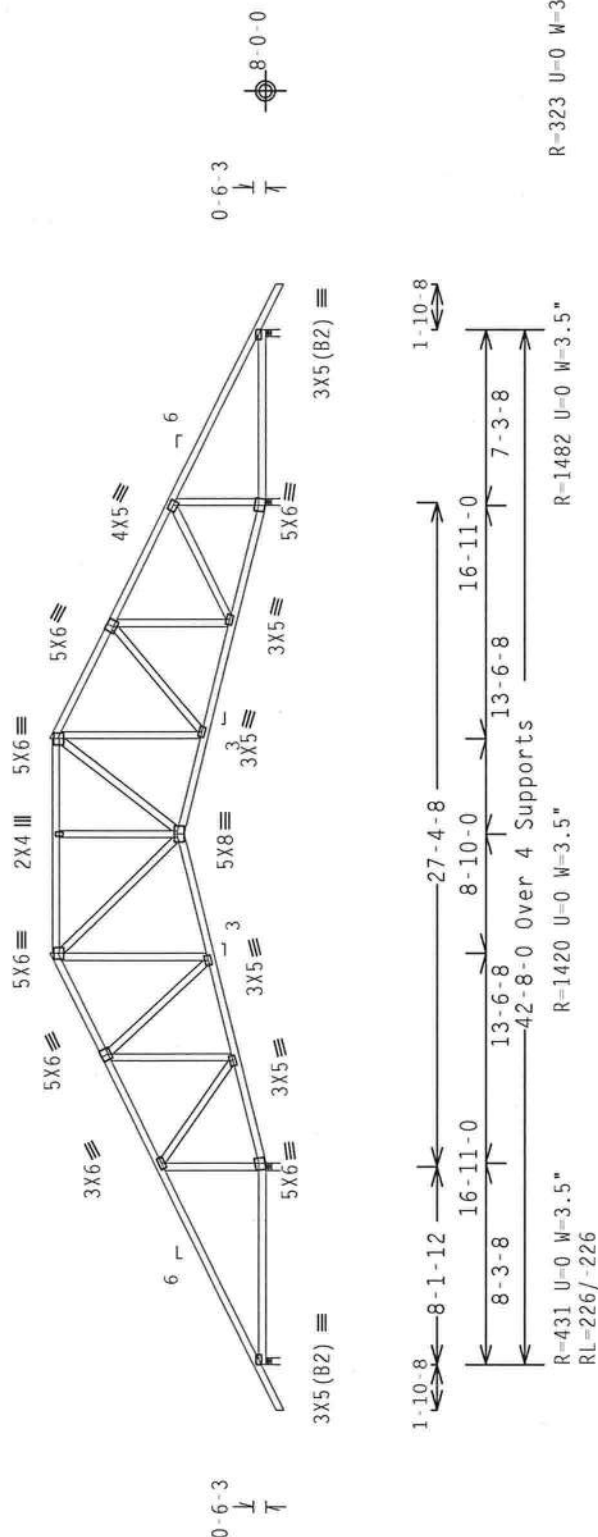
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

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

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC2007Res/TPI - 2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

QTY:1

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

Scale = .125"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE SAFETY INFORMATION, PUBLISHED BY THE STEEL INSTITUTE, 2100
ENTERPRISE LANE, BETHLEHEM, PA 18015 OR 610-437-1971 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
PROPERLY ATTACHED RIGID CEILING.

IMPORTANTUNLESS A COPY OF THIS DESIGN IS PROVIDED TO THE INSTALLATION CONTRACTOR, ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN COMBINS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/ASCE) AND ITM BCG TRUSS DESIGN MANUAL, 11TH EDITION, 1999, SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENT DESIGNER. THE TRUSS COMPONENT DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, INCLUDING THE TRUSS DESIGNER'S ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/ASCE 2201-2002 SEC. 2.2.**



TC LL	20.0 PSF	REF	R215 - -	65297
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215 09093015	
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	212474	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00$ GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

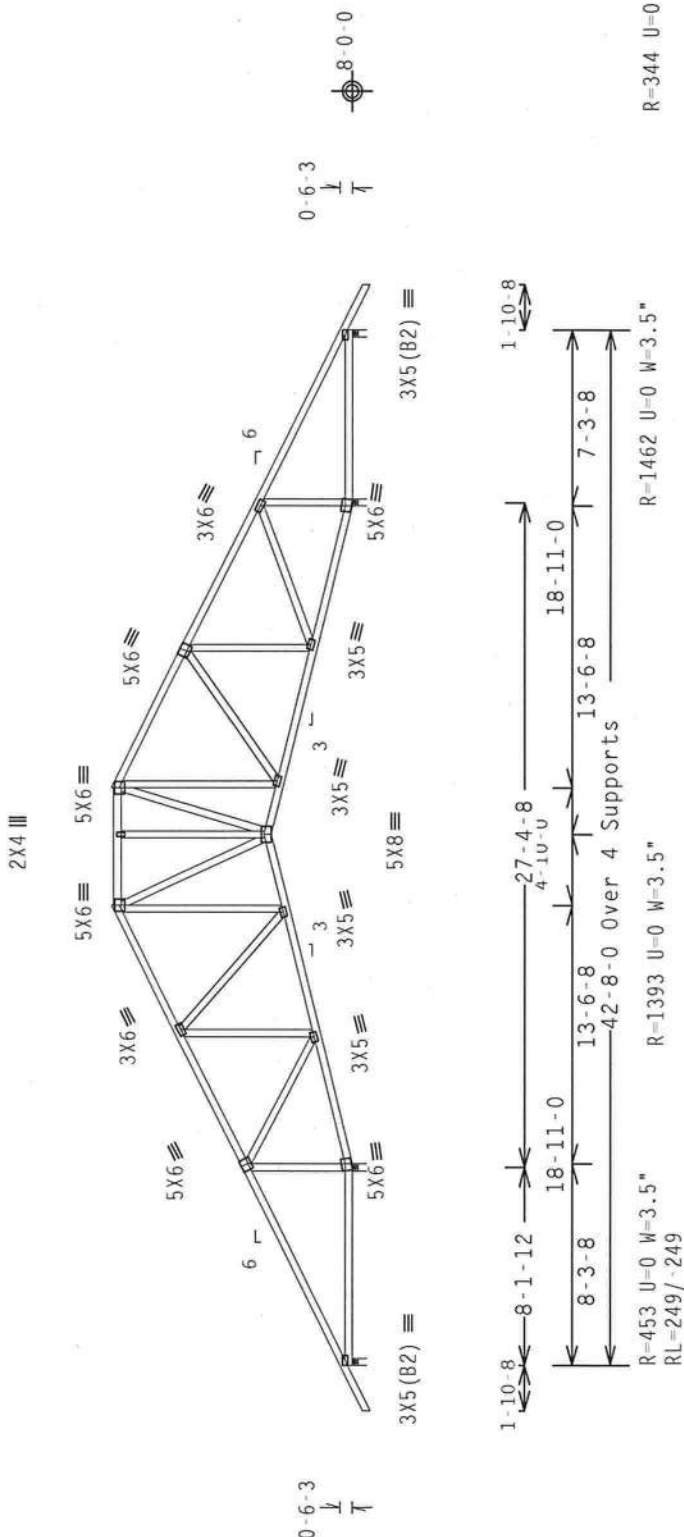
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

plates sized for a minimum of 3.00 sq.in./piece.

Deflection meets L/360 live and L/240 total load.

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

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT_TYP. Wave\R

QTY:1

Scale = .125"/Ft.

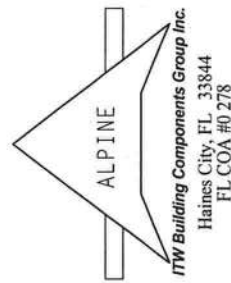
TC LL	20.0 PSF	REF	R215--	65298
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093016
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	212475	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	



*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, INSTALLING AND BRACING. PROPERLY ATTACHED RIGID CELLING, SHIP-LIFTING, CRANES, LIFTS, NORTH LANE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WTC# 4000 TRUSS, COUNCILS OF AMERICA, 6300 ENTERPRISE LAKE, WOODLAWN, MI 48279. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

* IMPORTANT * FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITM BEG., INC. DRAWINGS AND SPECIFICATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ITP-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY ACP&PA AND ITP-1, ITM BEG., INC. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND ALL OTHER APPLICABLE CODES. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SECTION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF IPT-1-2009 SEC. 3. A SEAL OR THIS DESIGN IS REQUIRED TO BE OBTAINED FROM THE DESIGNER PRIOR TO ANY MODIFICATION TO THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE RESPONSIBILITY OF THE DESIGNER, THIS COMBINATION OF THIS COMBINATION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/IPT-1 85C-2.



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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

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

Plates sized for a minimum of 3.00 sq.in./piece.

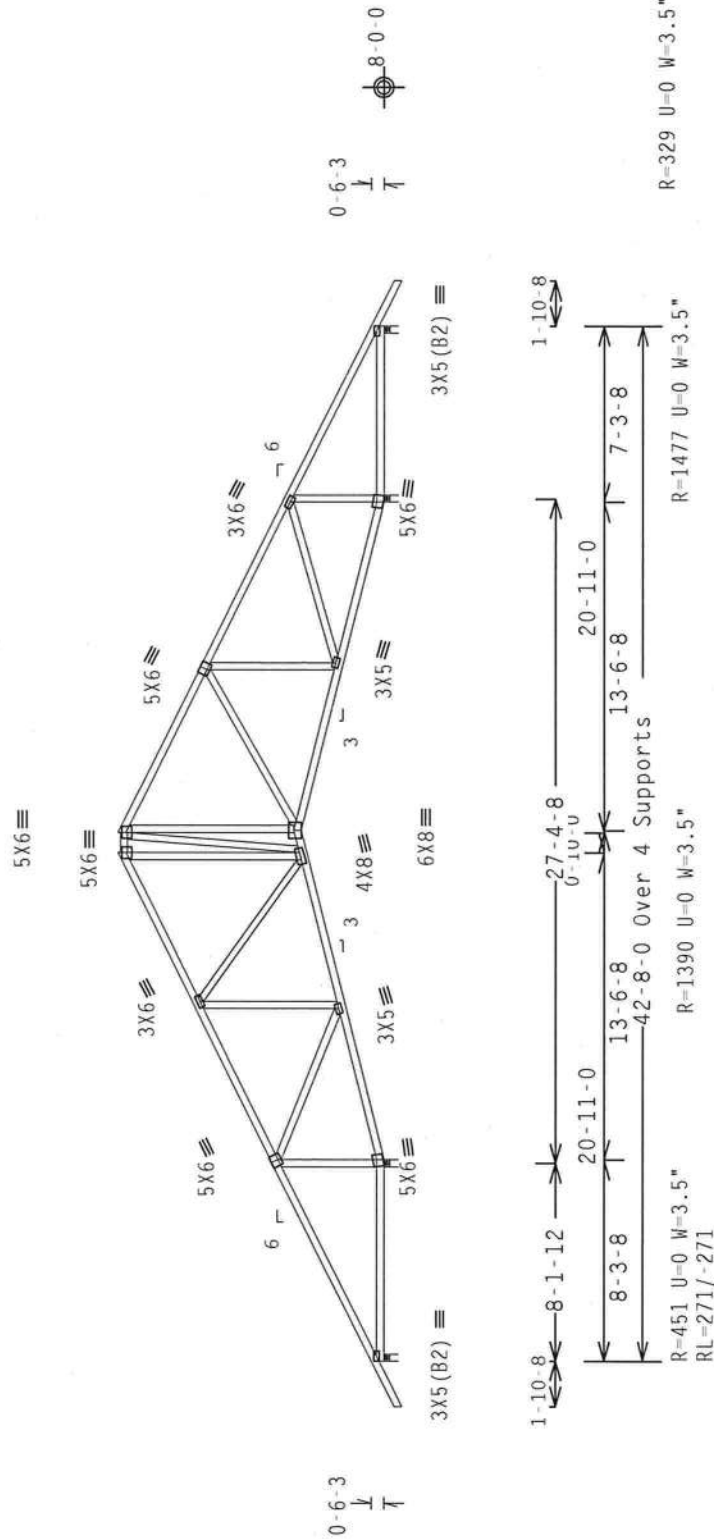
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 10-11-11.

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT TYP. Wave\R

00

QTY:1

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

Scale = .125"/Ft.

[illegible]

TC LL	20.0	PSF	REF R215--	65299
TC DL	10.0	PSF	DATE	04/03/09
BC DL	10.0	PSF	DRW	HCUSR215 09093017
BC LL	0.0	PSF	HC-ENG	JB/DF
TOT.LD.	40.0	PSF	SEQN-	212476
DUR.FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1T0H215 Z04

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
09/2003

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION. HANCO INC. SUPPLYING STEEL TRUSS AND BRACING. THIS DRAWING IS NOT TO BE USED FOR FABRICATING TRUSSES. TRUSSES TO BE USED FOR THIS PROJECT MUST BE DESIGNED AND MANUFACTURED BY A TRUSS COMPANY THAT REFERS TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY ITW TRUSS PAPER INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND AICA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LANE, MOHAWK, MI 48371) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THIS DESIGN IS NOT TO BE USED FOR FABRICATING TRUSSES. TRUSSES TO BE USED FOR THIS PROJECT MUST BE DESIGNED AND MANUFACTURED BY A TRUSS COMPANY THAT REFERS TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY ITW TRUSS PAPER INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND AICA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LANE, MOHAWK, MI 48371) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

CONNECTION PLATES ARE MADE OF 2018/18/16GA. (W/525PS) AISC A663 GRADE 40/60 (M. K/HS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TP11-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBS/TP11 1. SEC. 2.



ALPINE

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

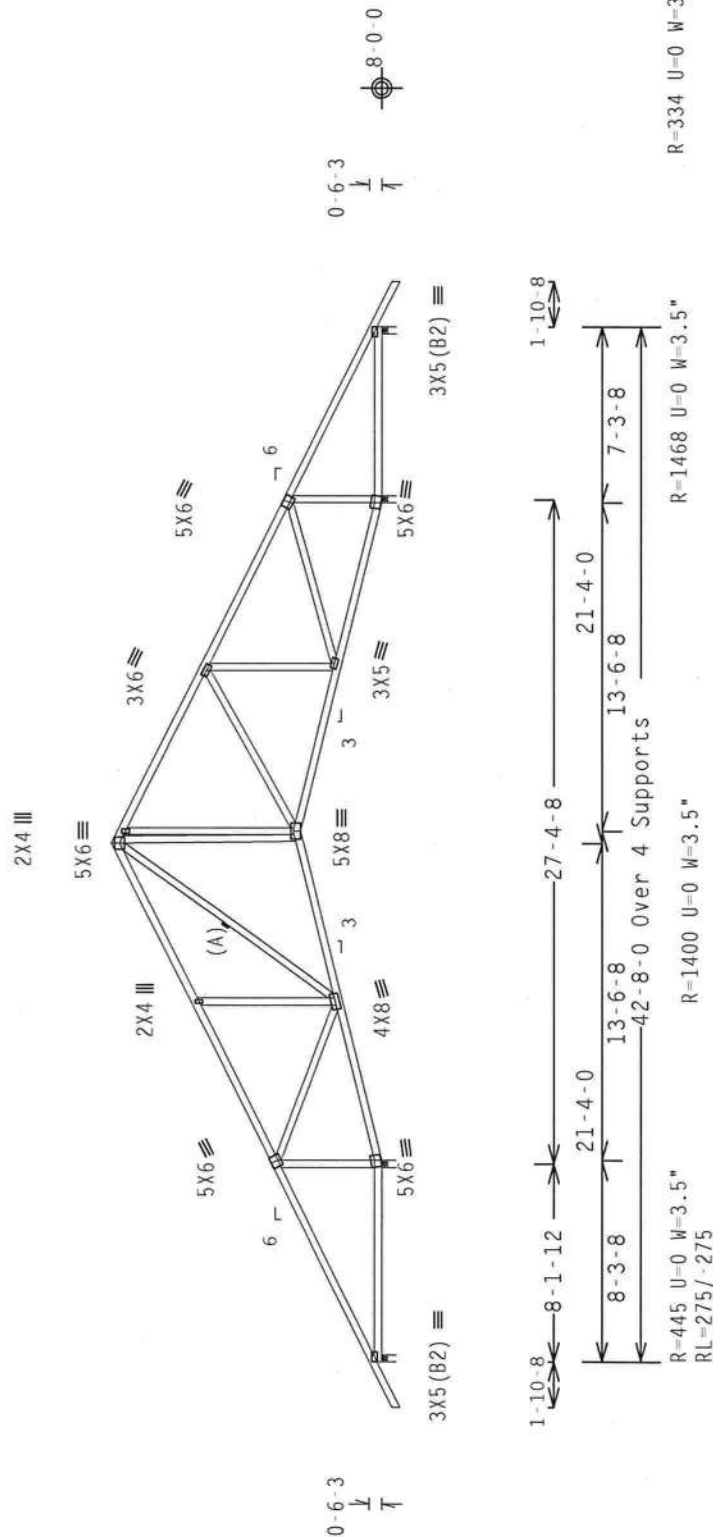
110 mph wind, 15.00 ft mean hgt., ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Plates sized for a minimum of 3.00 sq. in./piece.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%) /10(0)

PLT TYP. Wave\R

00

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

Scale = .125"/Ft.

[illegible]

****IMPORTANT****—TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITN BCG, INC., SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING, A BRACING OF TRUSSES. ITN BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/AS) AND TP1. TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP50, TP51, TP52, TP53, TP54, TP55, TP56, TP57, TP58, TP59, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69, TP70, TP71, TP72, TP73, TP74, TP75, TP76, TP77, TP78, TP79, TP80, TP81, TP82, TP83, TP84, TP85, TP86, TP87, TP88, TP89, TP90, TP91, TP92, TP93, TP94, TP95, TP96, TP97, TP98, TP99, TP100, TP101, TP102, TP103, TP104, TP105, TP106, TP107, TP108, TP109, TP110, TP111, TP112, TP113, TP114, TP115, TP116, TP117, TP118, TP119, TP120, TP121, TP122, TP123, TP124, TP125, TP126, TP127, TP128, TP129, TP130, TP131, TP132, TP133, TP134, TP135, TP136, TP137, TP138, TP139, TP140, TP141, TP142, TP143, TP144, TP145, TP146, TP147, TP148, TP149, TP150, TP151, TP152, TP153, TP154, TP155, TP156, TP157, TP158, 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TC LL	20.0 PSF	REF R215--	65300
TC DL	10.0 PSF	DATE	04/03/09
BC DL	10.0 PSF	DRW	HCUSR215 09093018
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	212477
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TQH215_Z04

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

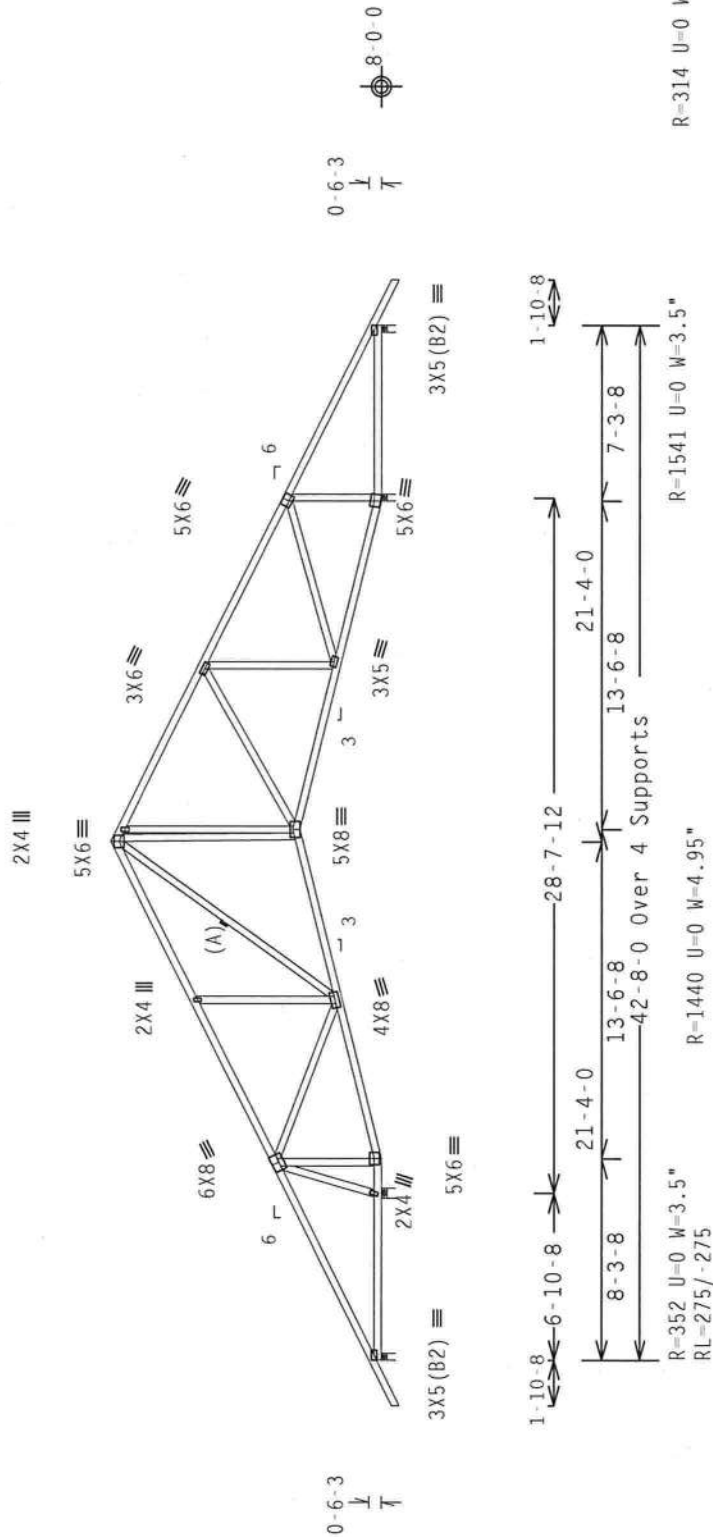
The overall height of this truss excluding overhang is 11-2-3.

Wind reactions based on MWFRS pressures.

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

Plates sized for a minimum of 3.00 sq. in./piece.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC2007Res/TPI - 2002(STD)
 $FT/RT = 20\% (0\%) / 10(0)$

PLT TYP. Wave\R

FT/RT=20% (0%) / 10 (0)	9.01.00
OC2007RES/FT=2002(310)	

OTY:1

Scale = .125" / Ft.

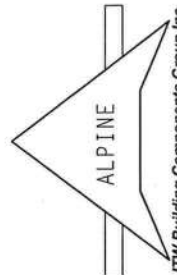
TC LL	20.0 PSF	REF	R215 --	65301
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093019
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	212478	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	



*****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DUTYATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TP-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

ITW BCG CONNECTOR PLATES ARE MADE OF 7075-T6 ALUMINUM VASPLATE STOCK PART NO. 8-KLX-SLS-BALV. XITEEL APPLY 1/4" BCG PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA A.3 OF TP-1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING 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 AREA/P.1 SEC. 2.



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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

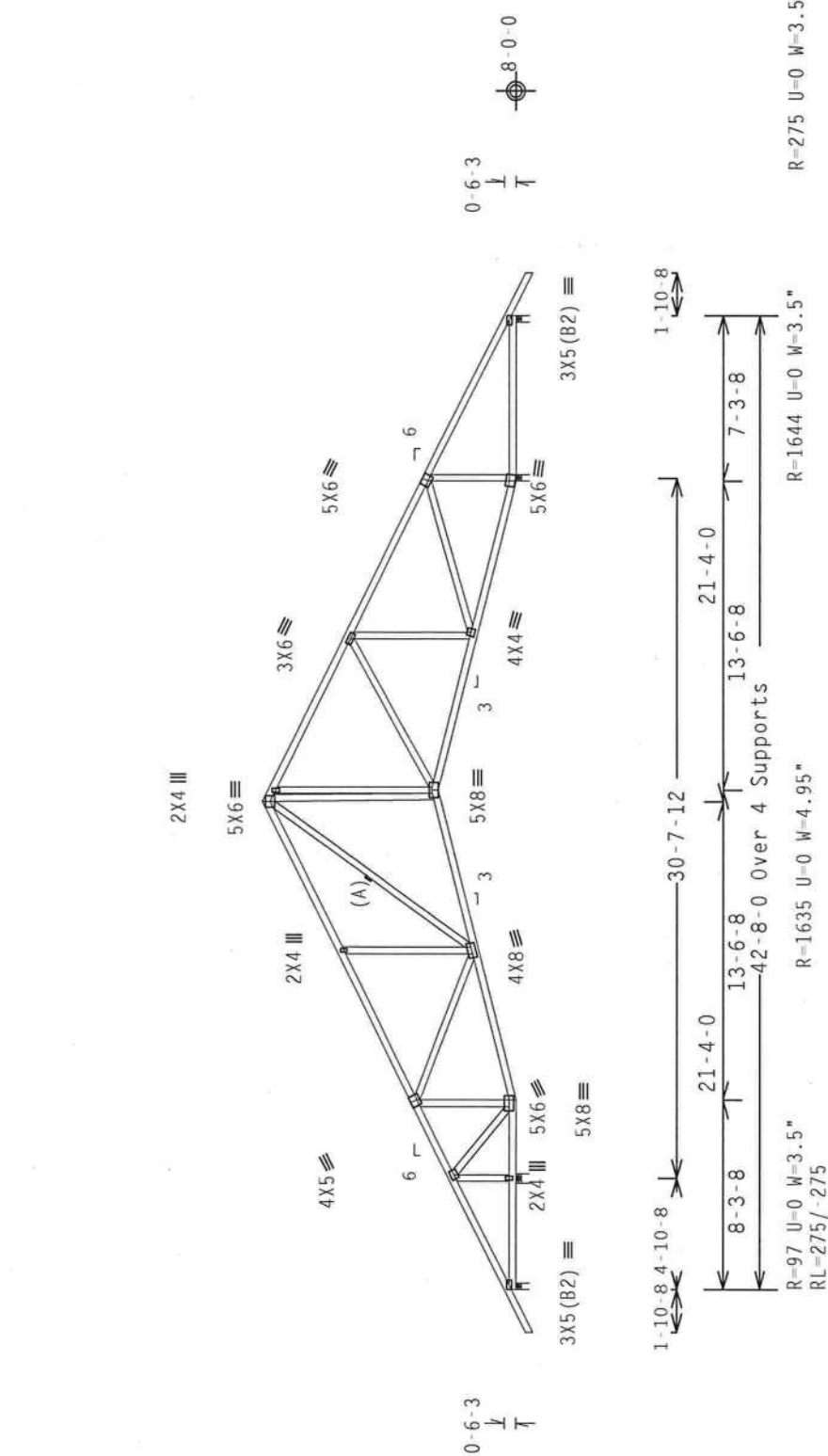
The overall height of this truss excluding overhang is 11-2-3.

Wind reactions based on MWFRS pressures.

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

Plates sized for a minimum of 3.00 sq. in./piece.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

00 CLASSIFIED

Scale = .125" / Ft.

WARNING THESESS REQUIRE EXTREME CARE IN FABRICATION. HARDENING, CURTIPING, INSTALLING AND BRACING.
HARDENESS, DISINTEGRATION, SAFETY INFORMATION, AND VICES-GRIND TRUSS COUNCIL OF AMERICA, 6300
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22315
ENTERPRISE LANE, MOBILE, AL 36719
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
PROPERLY ATTACHED RIGID CEILING

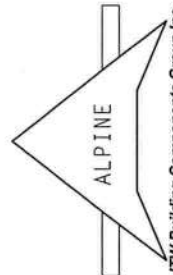
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTORS. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS IN COMPLIANCE WITH THE FOLLOWING REQUIREMENTS:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. 1TH BEG CONNECTOR PLATES ARE MADE OF 70/18/16GA OR 48/25X5X3 LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED, GALV. STEEL, APPLY A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX A3 OF TPI-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



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



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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

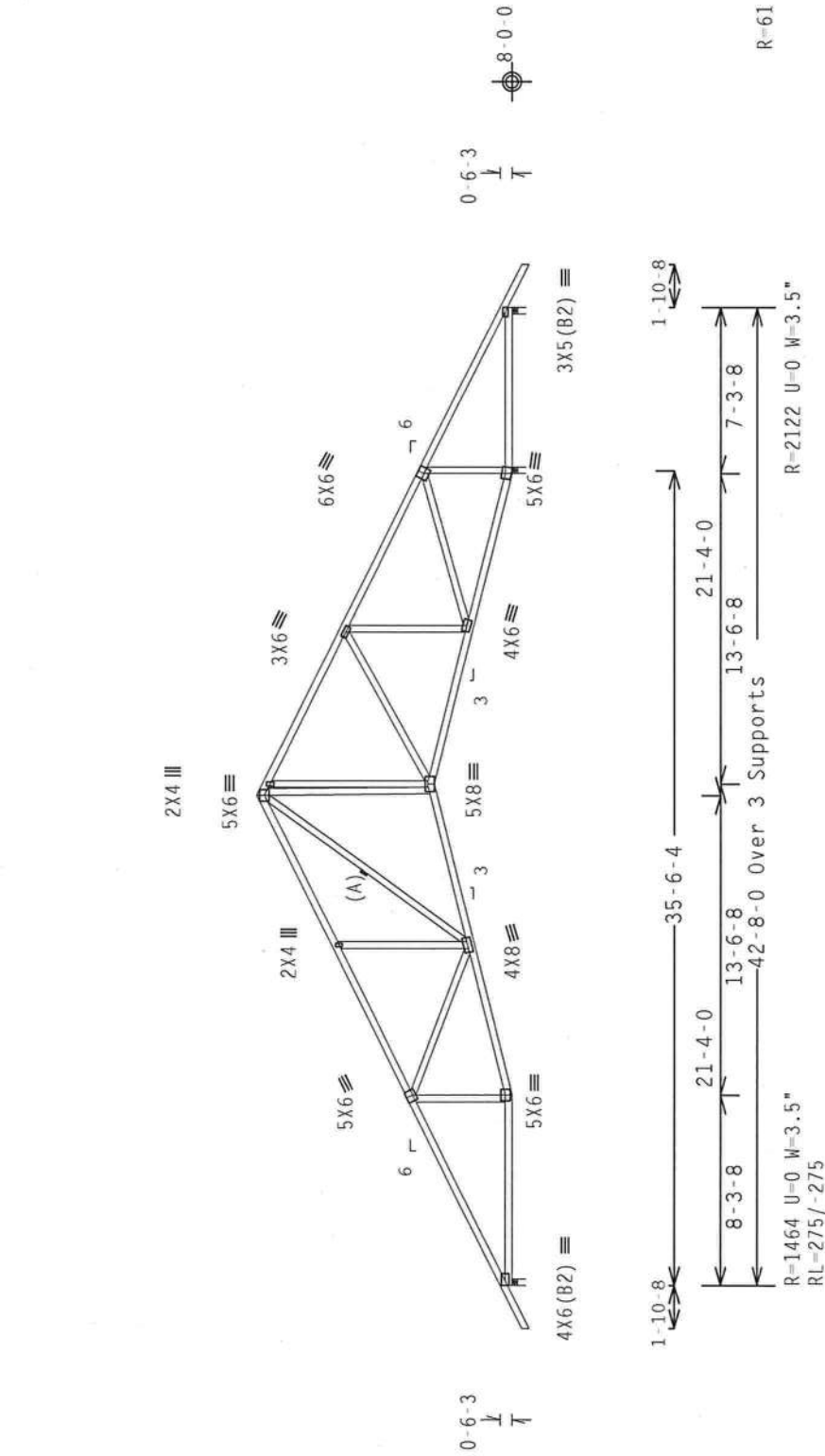
Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-2-3.

MNFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

CLAS FLEA

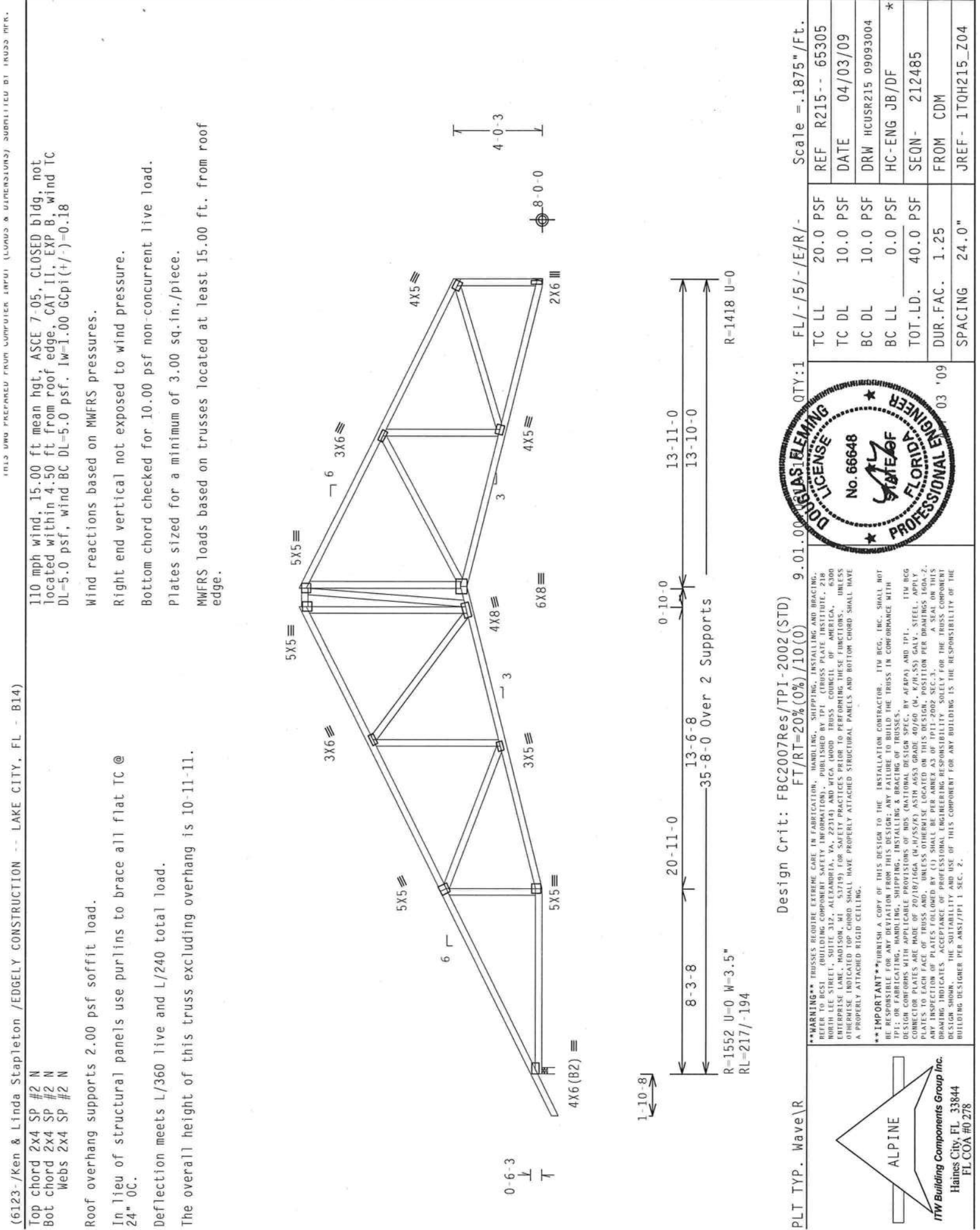
Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 - -	65304
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093022
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	212486	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	



ALPINE

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



(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - B14)

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

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/360 live and L/240 total load.

The overall height of this truss excluding overhang is 10-11-11.

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. $I_w=1.00$ GCPI(+/-)=0.18

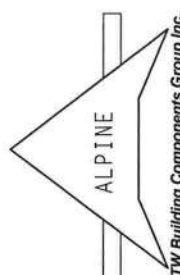
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



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

PLT TYP. Wave\R

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

Scale = .1875"/Ft.

QTY:1

FL/-5/-E/R/-

TC LL	20.0 PSF	REF	R215--	65305
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093004
BC LL	0.0 PSF	HC-ENG	JB/DF	*
TOT.LD.	40.0 PSF	SEQN-	212485	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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, $I_w=1.00$ GCpi(+/-)=-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/360 live and L/240 total load.

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

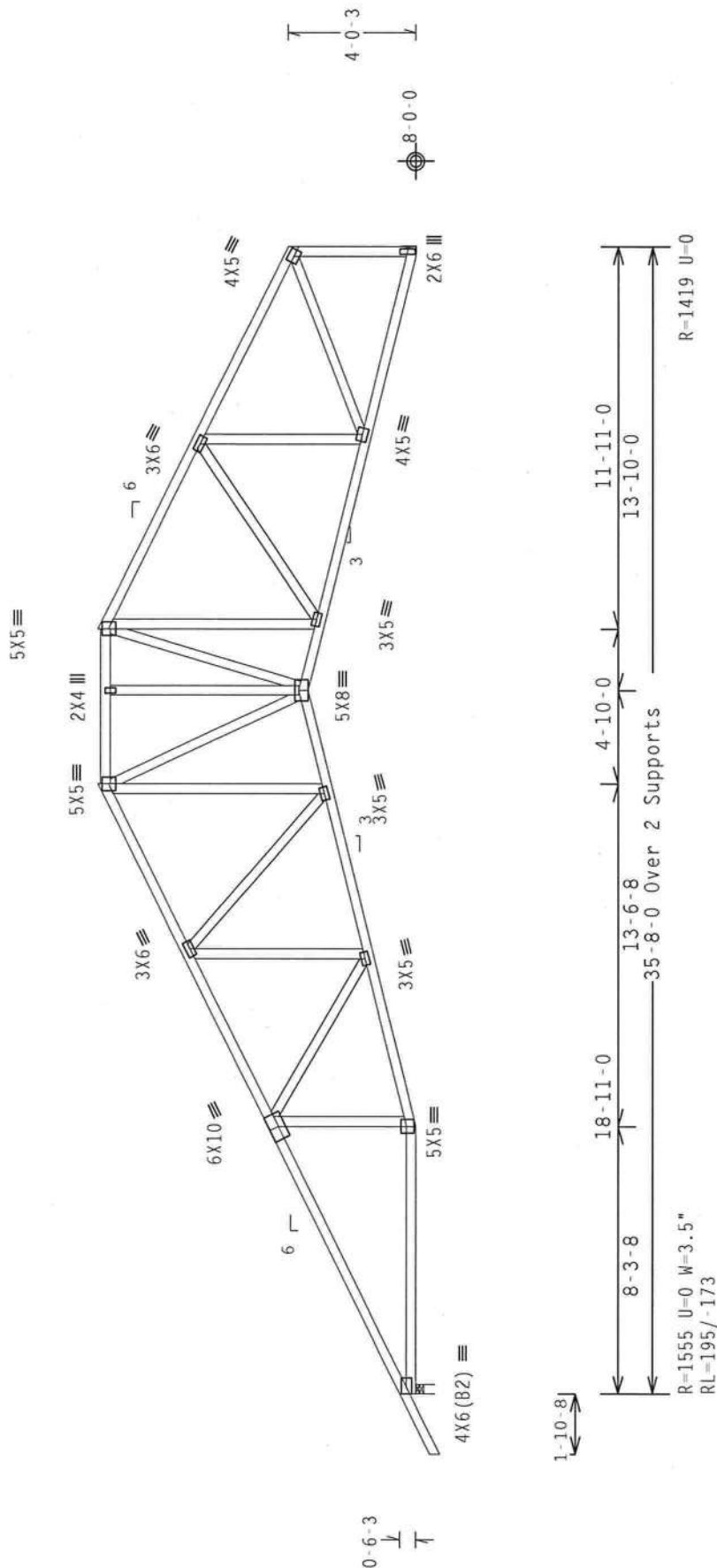
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

plates sized for a minimum of 3.00 sq. in./piece.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP: Wave\R

FT/RT=20%(0%)/10(0) 9 01.00

QTY:1

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

Scale = .1875"/Ft.

[illegible]

*****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING SYSTEMS, BY AF&PA) AND TPI. ITU BCG DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES. ALL CONNECTOR PLATES ARE MADE OF 2010/16GSA OR 2010/16GSA ASTM A563, GRADE 40/60 (C, K-9155) GALV. STEEL - APPLD TO EACH PLATE TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMEX 43 OF 1911-2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMX/TPI 1 SEC. 2.



ALPINE

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

Building Components Group
Haines City, FL 33844

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $1w=1.00$ GCpi(+/-)=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/360 live and L/240 total load.

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

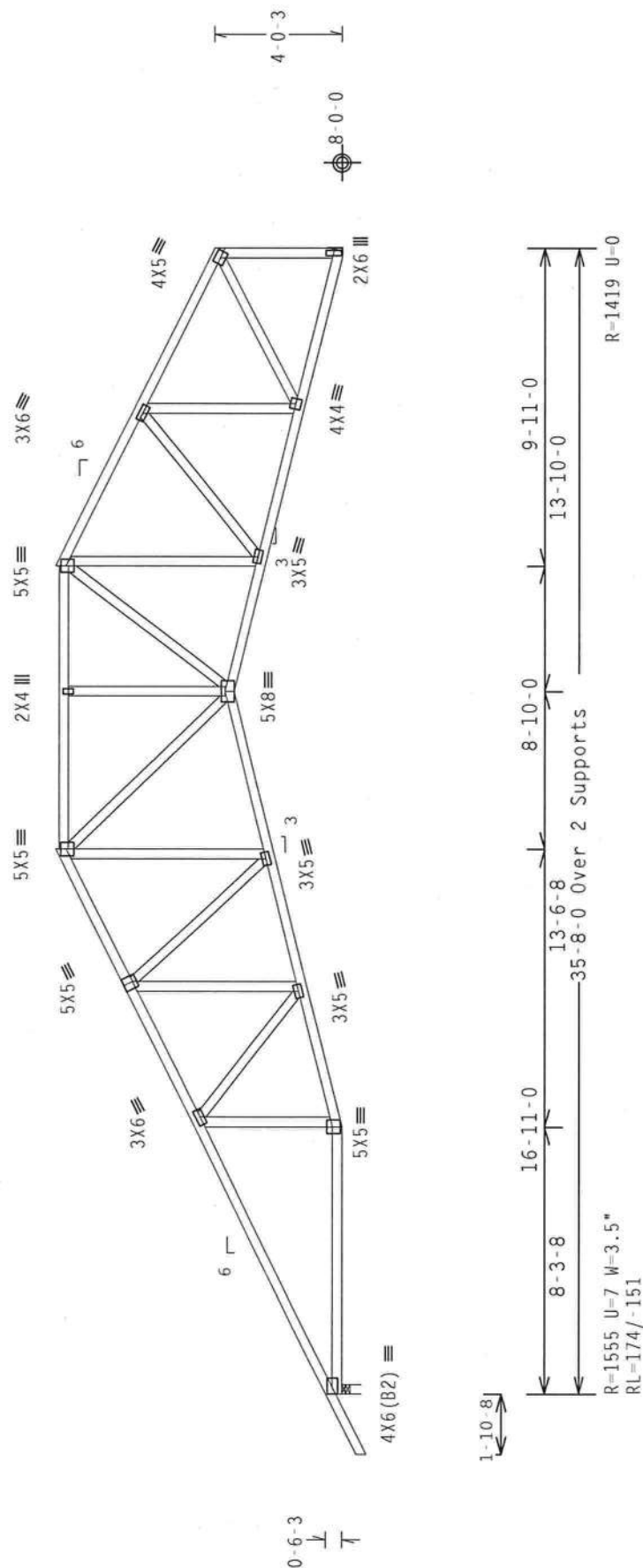
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

plates sized for a minimum of 3.00 sq.in./piece.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC2007Res/TPI -2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

00

QTY:1

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

Scale = .1875" / Ft.

[illegible]

****IMPORTANT****, UNLESS BY THE INSTALLATION CONTRACTOR TITM RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION OF THIS DESIGN TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE RCG CONTRACTORS SHALL PROVIDE ALL NECESSARY TOTAL DESIGN STOPS BY ACPA AND TP1. THE RCG CONTRACTORS SHALL COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS REGARDING STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TP1-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS. THE SCOPE OF THIS CONSENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX/TP1 1 SEC.2.



TC LL	20.0	PSF	REF	R215--	65307
TC DL	10.0	PSF	DATE	04/03/09	
BC DL	10.0	PSF	DRW	HCUSR215	09093006
BC LL	0.0	PSF	HC-ENG	JB/DF	*
TOT.LD.	40.0	PSF	SEQN-	212483	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TQH215	Z04

(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - B18)

Top chord 2x4 SP #2 N :T1 2x8 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load.

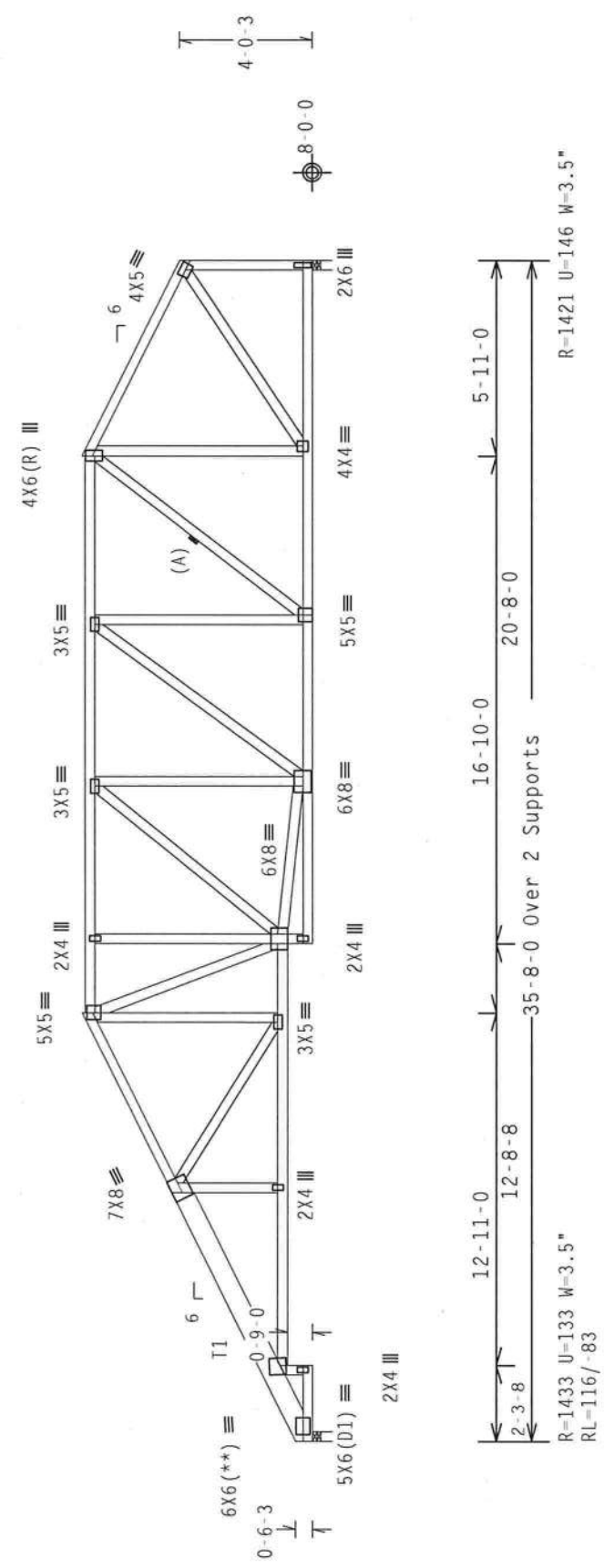
The overall height of this truss excluding overhang is 6-11-11.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	QTY: 1		FL / - / 5 / - / E / R / -		Scale = .1875" / Ft.	
	TC LL	20.0 PSF	REF	R215--	65309	
	TC DL	10.0 PSF	DATE	04/03/09		
	BC DL	10.0 PSF	DRW	HCUSR215	09093023	
	BC LL	0.0 PSF	HC-ENG	JB/DF		
	TOT.LD.	40.0 PSF	SEQN-	212504		
03 '09	DUR.FAC.	1.25	FROM	CDM		
	SPACING	24.0"	JREF-	1TQH215_Z04		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/10GA (M-17/SS/2K) ASTM A653 GRADE 40/60 (M-4, K/1.55) GALV. STEEL. APPLY PLATES EACH FACE OF TRUSS AND BY THE DESIGNER. UNLESS OTHERWISE LOCATED ON THIS DESIGN, SECTION PER DRAWING OR T2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - B19)

Top chord 2x4 SP #2 N :T1 2x8 SP SS:
Bot chord 2x4 SP #2 N :B4 2x4 SP #2 Dense:
Webs 2x4 SP #2 N

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ $G C p_i(+/-)=0.18$

(A) Continuous lateral bracing equally spaced on member.

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

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

Deflection meets L/360 live and L/240 total load.

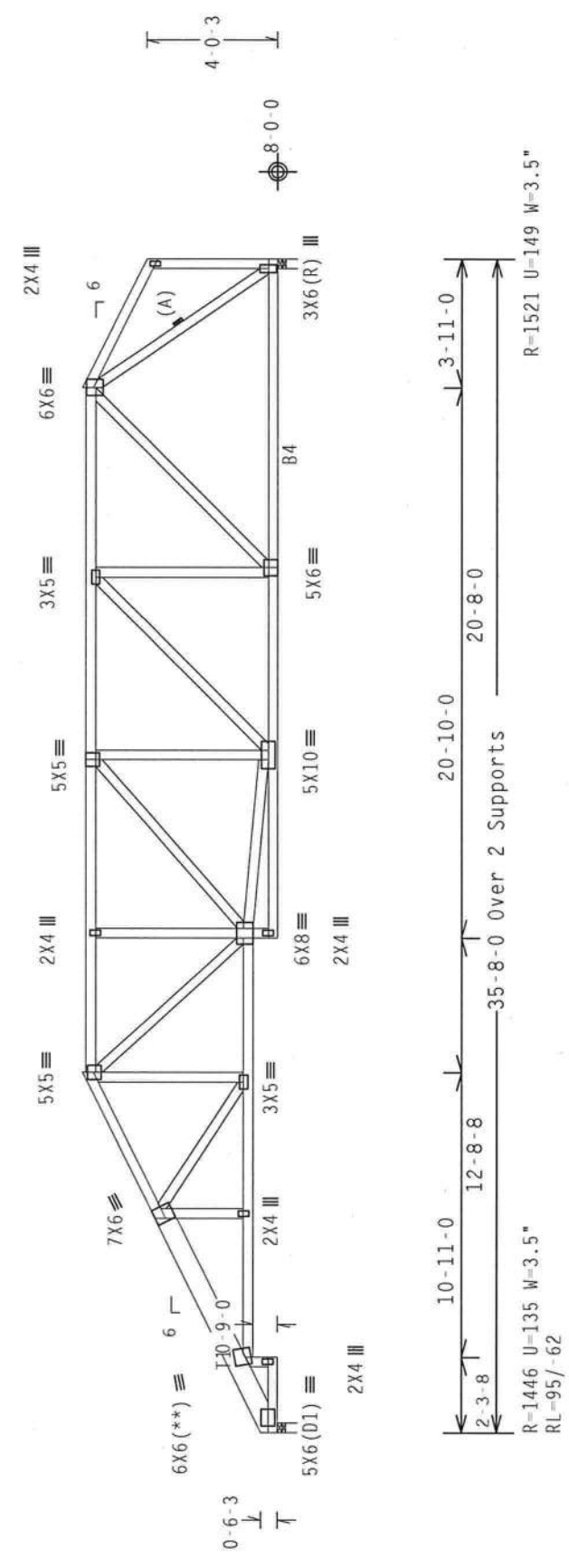
The overall height of this truss excluding overhang is 5-11-11.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.

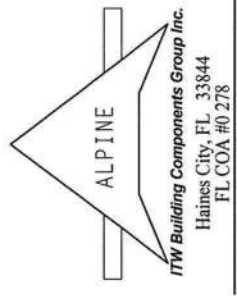


WARNING** TRUSSES BEARING EXTERIOR LOADS IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. TTM BEG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/SS/2X) ASTM A653 GRADE 40/60 (N, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AMERICAN TRUSS MANUFACTURING COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE RESPONSIBILITY OF THE DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



PLT TYP. Wave\R	QTY:1	FL/-/5/-/E/R/-	Scale =.1875"/Ft.
TC LL	20.0 PSF	REF R215--	65310
TC DL	10.0 PSF	DATE	04/03/09
BC DL	10.0 PSF	DRW	HCUSR215 09093024
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEON-	212506
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T0H215_Z04



(6123-/Ken & Linda Stapleton /EDGELEY CONSTRUCTION -- LAKE CITY, FL - B20)

Top chord 2x4 SP #2 N :T1 2x8 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.15" due to live load and 0.15" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 4-11-11.

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

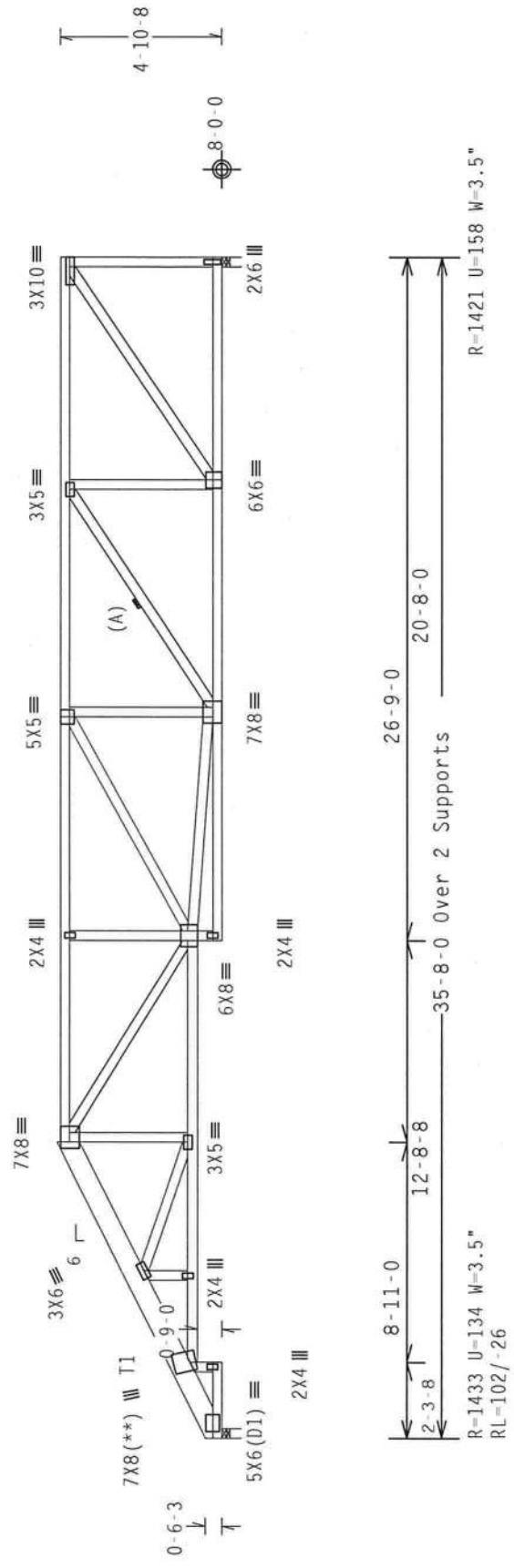
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



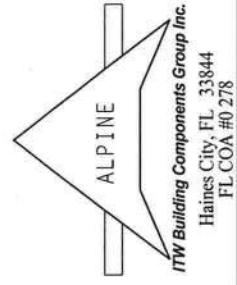
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

QTY:1	FL/-5/-E/R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215-- 65311
TC DL	10.0 PSF	DATE 04/03/09
BC DL	10.0 PSF	DRW HCUSR215 09093025
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEON- 212509
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TQH215_Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE BUILDING COMPONENTS GROUP INC. (BCGI) TRUSS SAFETY INFORMATION, PUBLISHED BY THE INSTITUTE OF NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI1. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/166A (W/H/SS/K) ASTM A563 GRADE 40/60 (N, F/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



PLT TYP. Wave\R

(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - B21HG (2-PLY))

Top chord 2x6 SP #2 N :T1 2x8 SP SS:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.18

Calculated horizontal deflection is 0.16" due to live load and 0.16" due to dead load.

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 3-11-11.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.

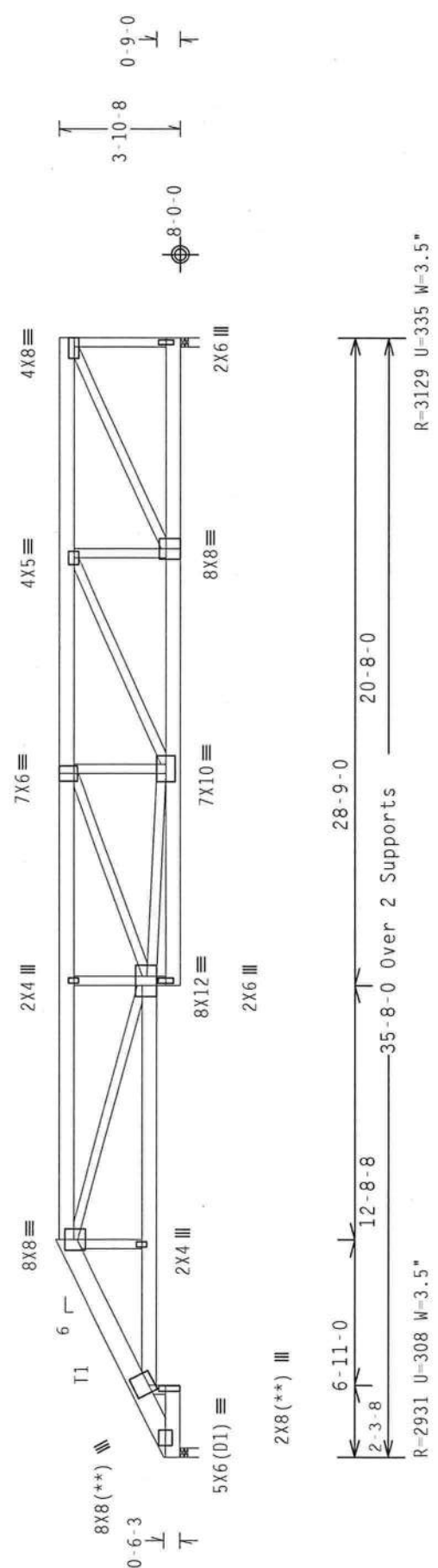
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



R=3129 U=335 W=3.5"

R=2931 U=308 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R	QTY:1	FL/-/5/-/E/R/-	Scale =.1875"/Ft.
8X8(**)	TC LL	20.0 PSF	REF R215-- 65312
2X4	TC DL	10.0 PSF	DATE 04/03/09
7X6	BC DL	10.0 PSF	DRW HCUSR215 09093035
4X5	BC LL	0.0 PSF	HC-ENG JB/DF
4X8	TOT.LD.	40.0 PSF	SEQN- 212511
8X8	DUR.FAC.	1.25	FROM CDM
7X10	SPACING	24.0"	JREF- 1TQH215_Z04
8X8			
2X4			
7X6			
4X5			
4X8			
8X8			
7X10			
2X6			
5X6(D1)			
2X8(**)			
8X8(**)			
T1			
0-6-3			
3-10-8			
0-9-0			
8-0-0			
2X6			
8X8			
7X10			
2X6			
4X8			
4X5			
7X6			
2X4			
8X8			
2X4			
5X6(D1)			
2X8(**)			
8X8			
2X4			
7X6			
4X5			
4X8			
8X8			
7X10			
2X6			
5X6(D1)			
2X8(**)			
8X8			
2X4			
7X6			
4X5			
4X8			
8X8			
7X10			
2X6			
5X6(D1)			
2X8(**)			
8X8			
2X4			
7X6			
4X5			
4X8			
8X8			
7X10			
2X6			
5X6(D1)			
2X8(**)			
8X8			
2X4			
7X6			
4X5			
4X8			
8X8			
7X10			
2X6			
5X6(D1)			
2X8(**)			
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(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - JCL)

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

Roof overhang supports 2.00 psf soffit load.

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

Plates sized for a minimum of 3.00 sq.in./piece.

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. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

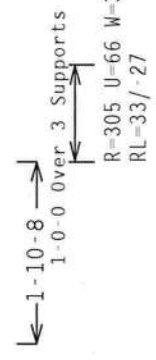
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 1-0-3.

R=-89 Rw=36 U=63



R=8 Rw=14 U=13



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

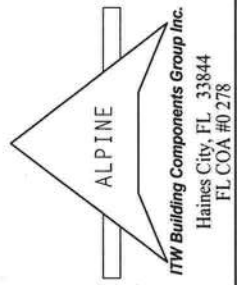
Scale = .5"/Ft.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC., BY AIA/AIA), 1TH BEG CONNECTOR PLATES ARE MADE OF 2018/106GA (M/SS/2) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A, 2. UNLESS OTHERWISE PLACED, ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE TPI CONNECTIONS. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

QTY: 10	FL / - / 5 / - / E / R / -	TC LL	20.0 PSF	REF R215--	65313
		TC DL	10.0 PSF	DATE	04/03/09
		BC DL	10.0 PSF	DRW	HCUSR215 09093026
		BC LL	0.0 PSF	HC-ENG	JB/DF
		TOT.LD.	40.0 PSF	SEON-	212466
		DUR.FAC.	1.25	FROM	CDM
		SPACING	24.0"	JREF-	1TQH215_Z04



(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - JC3)

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

Roof overhang supports 2.00 psf soffit load.

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

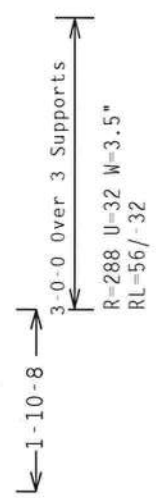
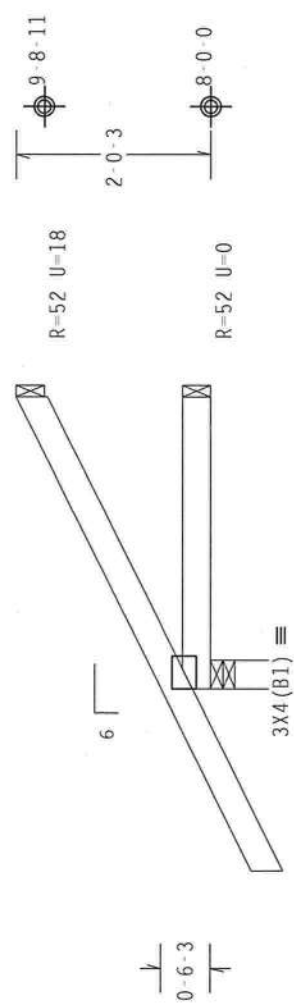
Plates sized for a minimum of 3.00 sq.in./piece.

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 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 2-0-3.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

QTY: 8

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

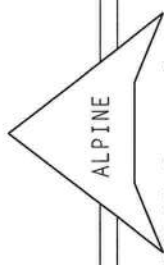
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD CONSTRUCTION), PERMITTING PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWING 1004-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

REF	R215--	65314
DATE	04/03/09	
DRW	HCUSR215	09093027
HC-ENG	JB/DF	
SEQN-	212465	
FROM	CDM	
JREF-	1TQH215_Z04	



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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCPI(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

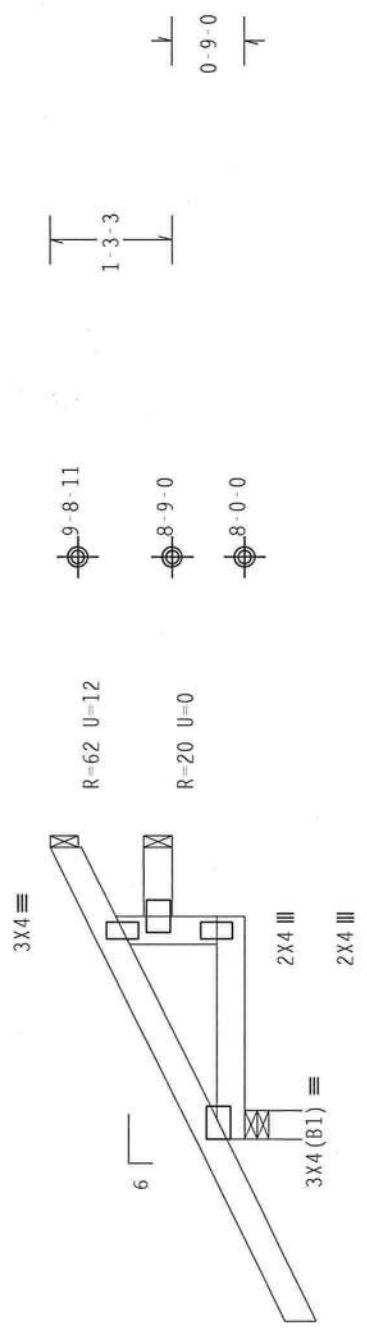
Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 2-0-3.



1-10-8

3-0-0 Over 8 Support
R-288 U=32 W=3.5
RL=56/-32

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20% (0%)/10 (0)

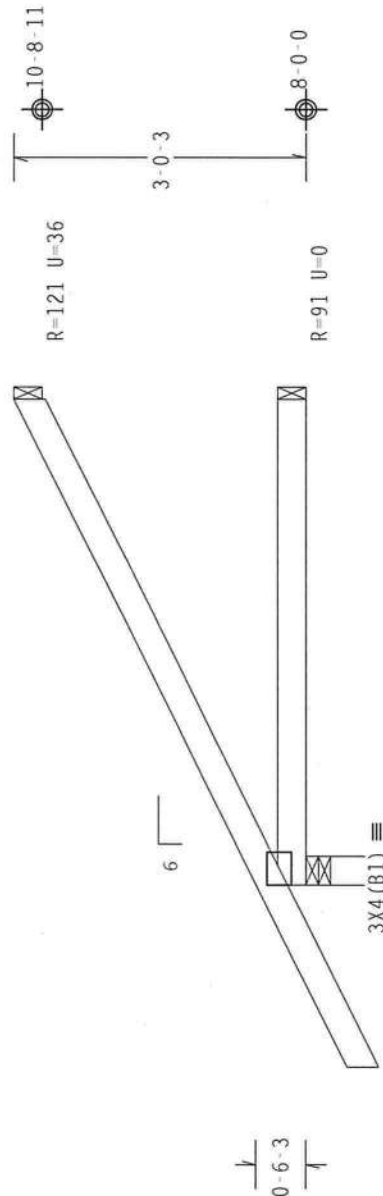
PLT TYP. Wave\R		ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278		Design Crit: FB200/Res/TP1-2002(SID) FT/RT=20%(0%)/10(0)		9.01.00		QTY: 2		FL/-/5/-/E/R/-		Scale = .5"/Ft.	
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITM BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (44-N/55/95) ASTM A653 GRADE 40/60 (4, 6/1/55) GALV. STEEL. APPLY GALVANNEALING TO ALL EXPOSED SURFACES. ITM BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.				DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 03 '09				TC LL	20.0	PSF	REF	R215--	65315
								TC DL	10.0	PSF	DATE	04/03/09	
								BC DL	10.0	PSF	DRW	HCUSR215	09093008
								BC LL	0.0	PSF	HC-ENG	JB/DF	*
								TOT.LD.	40.0	PSF	SEQN	212490	
				DUR.FAC.	1.25	FROM	CDM						
				SPACING	24.0"	JREF	1TQH215_Z04						

1110 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. $lw=1.00 \text{ Gpsi} (+/-) = 0.18$

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

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



1-10-8

5-0-0 Over 3 Supports

R=351 U=30 W=3.5"

RL-79/-37

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT_TYP. Wave\R

00

OTY:8

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

Scale = .5"/Ft.

WARNING TRUSSES HIDE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO RCSS (OUTLOADING COMPONENT SAFETY INFORMATION) PUBLISHED BY TRUSS PLATE INSTITUTE, 219 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 63000 CREEPRISE LANE, ROAD 508, ELIZABETH, NJ, 07208) FOR BEST PRACTICES FOR PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

CONNECTION PLATES ARE MADE OF 20/19/16GA (.8 WZS/PX) ASTM A575 GRADE 40/50 G.V.-STEEL. APPLY 1TM GRG-PLATE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2-Z. GALV. STEEL. APPLICATION INSPECTION OF PLATES FOLLOWED BY C.I. SHALL BE PER AMER.A3 OF TPI1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS. USE OF THIS COMPETING FOR ANY BUILDING IS AT THE RISK OF THE USER. CONSULT DESIGNER PER AMER.TP1.1 SEC.2.



TC LL	20.0	PSF	REF R215 - 65316
TC DL	10.0	PSF	DATE 04/03/09
BC DL	10.0	PSF	DRW HCURS215 09093028
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN - 212464
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TQH215_Z04

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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, 1w=1.00 GCpi(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

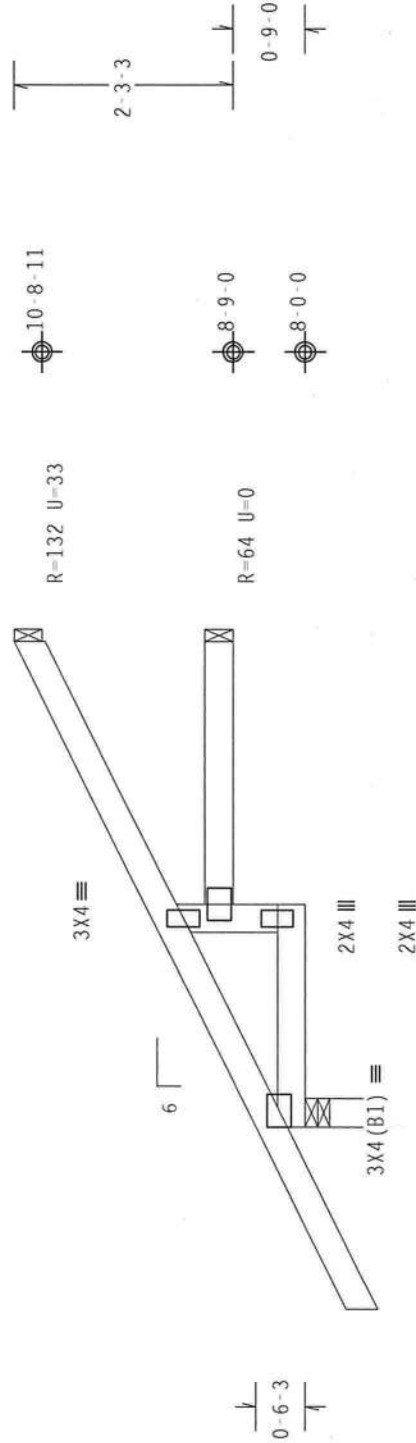
Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

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



7-10-87

2-3-8	2-8-8
5-0-0	0
Over 3	Supports

R=351 U=30 W=3.5"

RL=79/-37

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$

PLT_TYP: Wave\R

00

OTY:2

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

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PRIOR TO BEING SHIPPED, THE FOLLOWING INFORMATION, PUBLISHED BY THE CHASSIS PLATE INSTITUTE, 210 N. GUYTON STREET, AUSTIN, TEXAS 78701, SHOULD BE READ AND UNDERSTOOD BY ALL PERSONS CONCERNED. UNLESS OTHERWISE CAUTIONED, ALL TRUSSES ARE TO BE USED IN ACCORDANCE WITH THE FOLLOWING PRACTICES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BLEEDER PANELS.

TC LL	20.0 PSF	REF R215 - 65317
TC DL	10.0 PSF	DATE 04/03/09

ALPINE

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

STATE OF

STATE OF

★

BC DL	0.0 M
BC LL	0.0 M

HC-ENG JB/DF

TOT ID 40 0

SEON- 212489

U	U
C	C
T	T
U	U
C	C
T	T

MSB	MSB
C047T7	NH7C

DUR.FAC. 1.25

- ROM CDM

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

Roof overhang supports 2.00 psf soffit load.

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

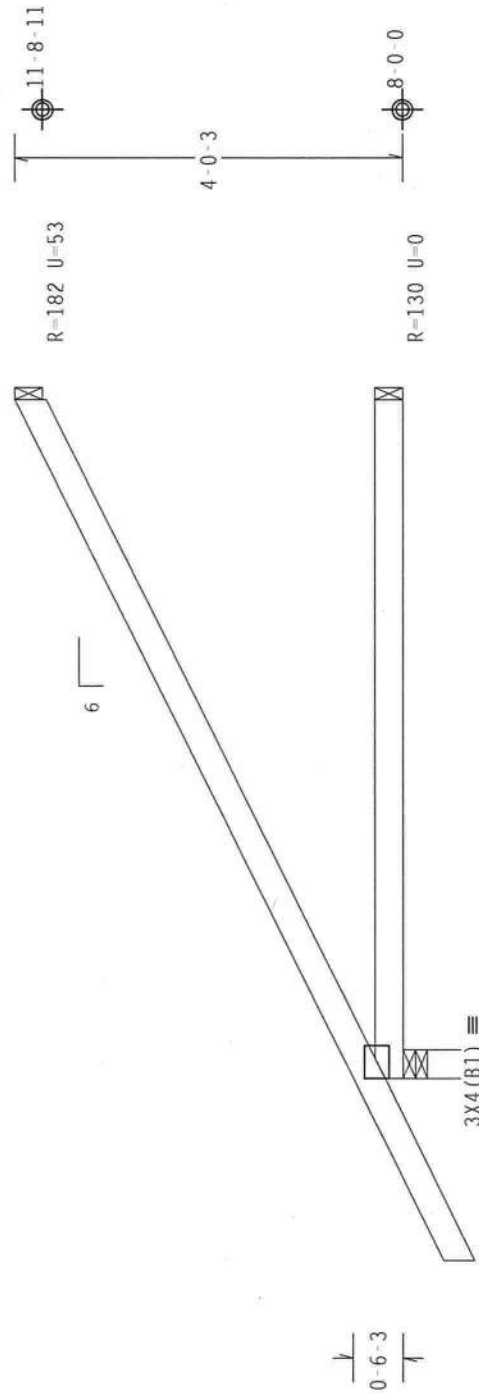
Plates sized for a minimum of 3.00 sq.in./piece.

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. $I_w=1.00$ GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 4-0-3.



L-1-10-8-7

7-0-0 Over 3 Supports

R=423 U=29 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave\R

9.01-00

QTY:32 FLI-151-1FIR/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING RELATIVE TO BEST PRACTICES INFORMATION. UNPUBLISHED COMPONENTS OF THESE PLATING SYSTEMS, ZERO TOLERANCE FOR DEFECTS, AND A PROHIBITION AGAINST ANY TYPE OF MODIFICATION OR REPAIR. THESE FUNCTIONS, ENTERPRISE LANE, #60101 SW, #15719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELL WALL.

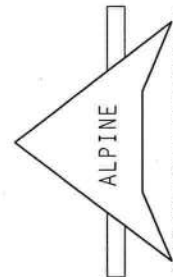
****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS WILL BE AT THE RISK OF THE USER. *INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI.
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W, 10/55/K) ASTM A653 GRADE 40/60 (W, K/H, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION R. DRAWINGS 16GA-Z.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TOGETHER WITH THE LOCATION OF THE SEAL ON THIS DESIGN. A SEAL ON THIS DESIGN SHALL BE PER ANNEX A3 OF TP1-2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP1-2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TP1.1 SEC. 2.

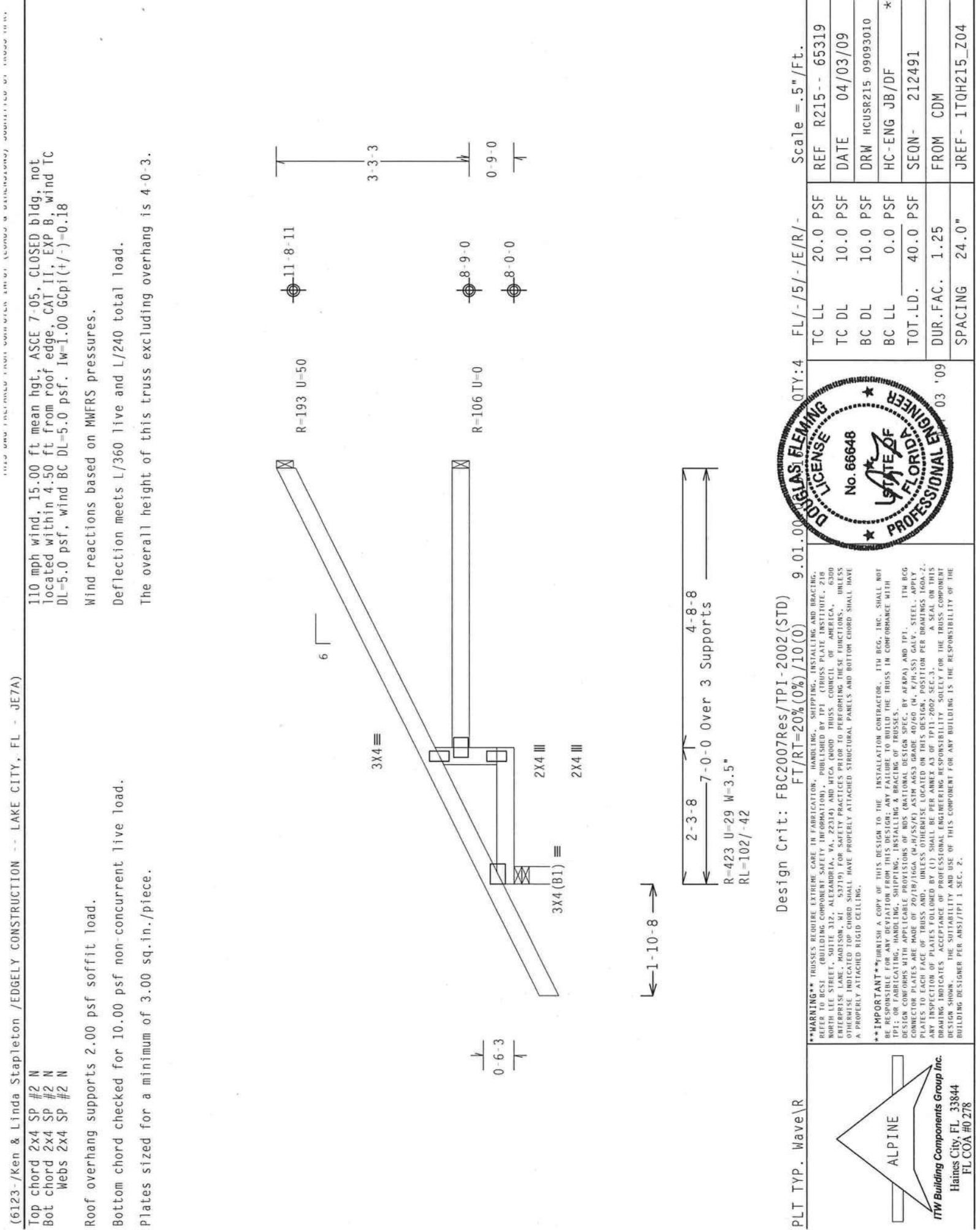


ITW Building Components Group
Haines City, FL 33844
FL COA #0 278



03 '09

TC LL	20.0	PSF	REF R215 - - 65318
TC DL	10.0	PSF	DATE 04/03/09
BC DL	10.0	PSF	DRW HCUSR215 09093029
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 212468
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TQH215_Z04



(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - JE7A)

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

Roof overhang supports 2.00 psf soffit load.

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

Plates sized for a minimum of 3.00 sq.in./piece.

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 GCpt(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 4'-0".

PLT TYP. Wave\R

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

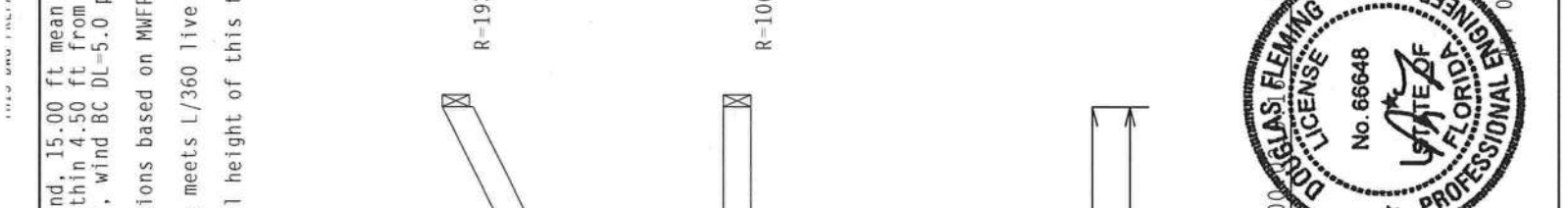
QTY: 4

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215-- 65319
TC DL	10.0 PSF	DATE 04/03/09
BC DL	10.0 PSF	DRW HCUSR215 09093010
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 212491
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TQH215_Z04

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BEG CONNECTION PLATES ARE MADE OF 2018/10GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. ITM BEG DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpi (+/-) -0.18

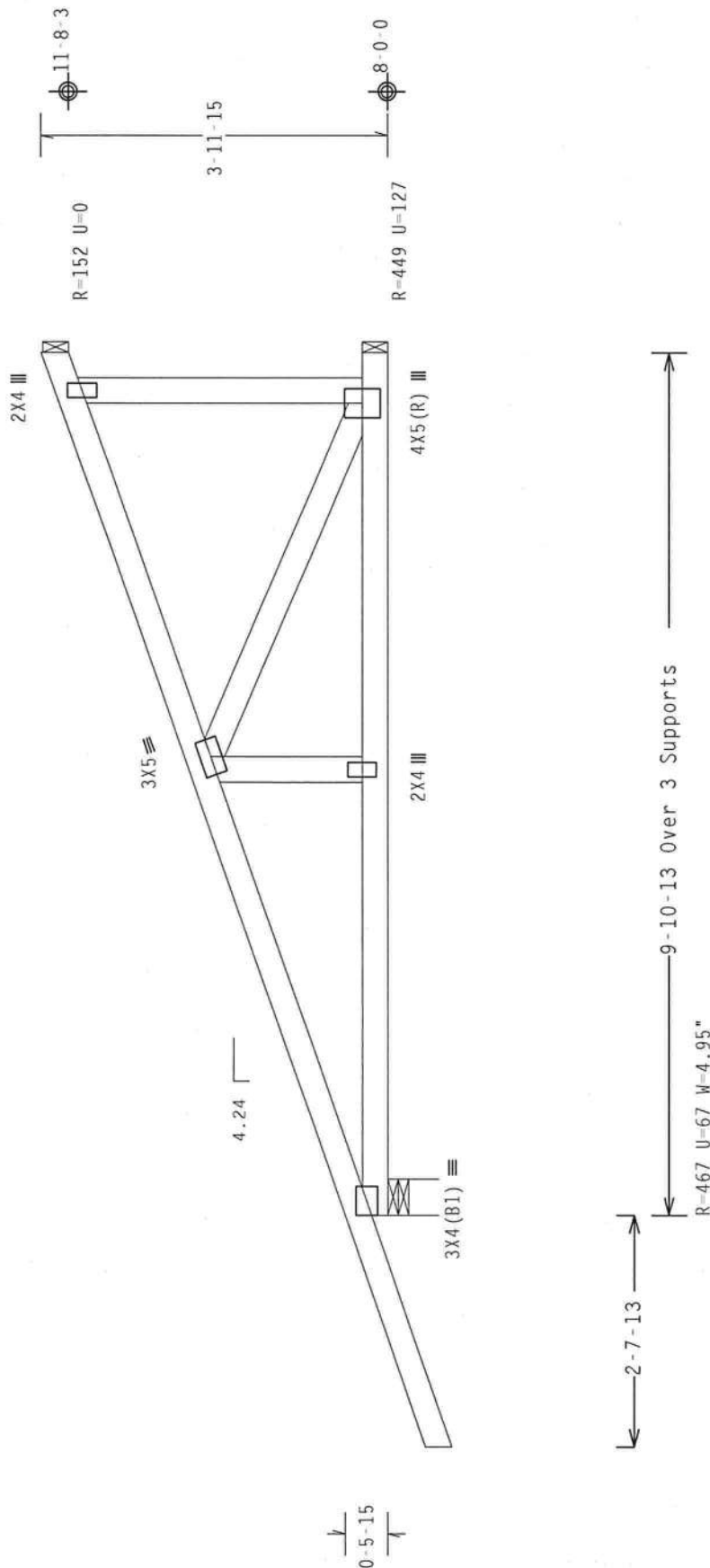
Hipjack supports 7-0-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-11-15.

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/10(0)$ 9.

PLT TYP. Wave\R

Scale = .5"/Ft.

QTY:4 FL/-/5/-/E/R/-

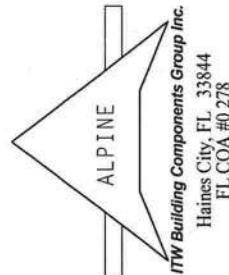
FL/-/5/-/E/R/-/

WARNING: TRUSSES REQUIRING EXTREME CARE IN FABRICATION, SHIPPING, HANDLING, INSTALLING AND REACTING TO LOADS TO TEST BUILDING COMPONENT SAFETY (INFORMATION PUBLISHED BY THE STEEL INSTITUTE, 170 SOUTH DEARBORN STREET, SUITE 312, ALHAMBRA, CA 91801) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 NORTH LAKE STREET, SUITE 300, WESTPARK, VA 22151) FOR SAFETY. COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, #53719, ALBANY, NY 12215) PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF R215-- 65320
TC DL	10.0 PSF	DATE 04/03/09

* IMPORTANT ** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR TTM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TTP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY AFAPS) AND TPT1 STEEL TTM BCG DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY T1 SHALL BE PER AMER AS OF TPT1-2002 SEC.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS COMMENT FOR ANY BUILDING IS AT THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/AFLP1 SEC.2.

BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 212493
DUR.FAC.	1.25	FROM CDM
SPACING	240"	JREF- 110H25 Z04



(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - JH10A)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1 2x8 SP #2 N:

(A) Continuous lateral bracing equally spaced on member.

Hipjack supports 7'-0" set back jacks with no webs.

Plates sized for a minimum of 3.00 sq.in./piece.

***Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.
Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bottom chord.

NOTE: THIS TOENAIL CONNECTION IS BASED ON AN AVERAGE OF TOP AND BOTTOM CHORD REACTIONS.

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. lw=1.00 GCpi(+/-)=0.18

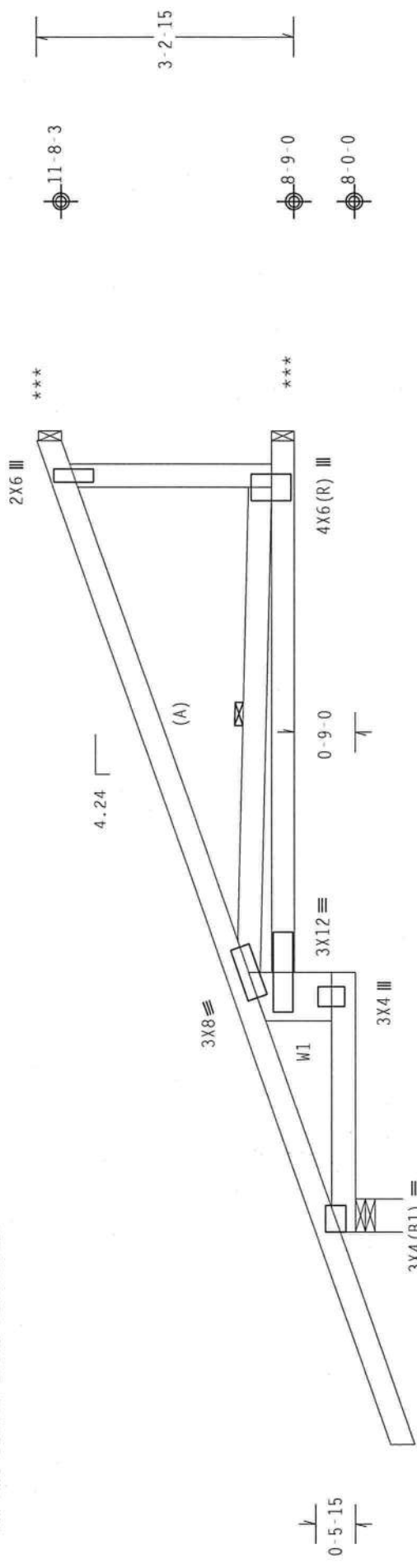
Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 3'-11-15".

R=-14 Rw=217 U=0

R=614 U=279



2-7-13

3-2-14 9-10-13 Over 3 Supports 6-7-14

R=467 U=67 W=4.95"

Design Crit: FBC2007Res/TPI-2002 (STD)

FT/RT=20%(0%)/10(0)

9.01.00

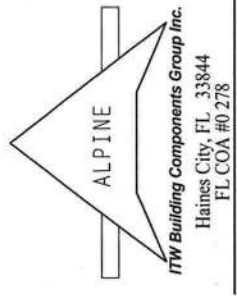
FL/-/5/-/E/R/-

Scale =.5"/Ft.

PLT TYP. Wave\R

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/18GA (4.47/55X) ASH 6063 GRADE 40/60 (4.47/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND TO EACH JOINT UNLESS OTHERWISE LOCATED ON DESIGN. POSITION PER DRAWING OR THIS DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

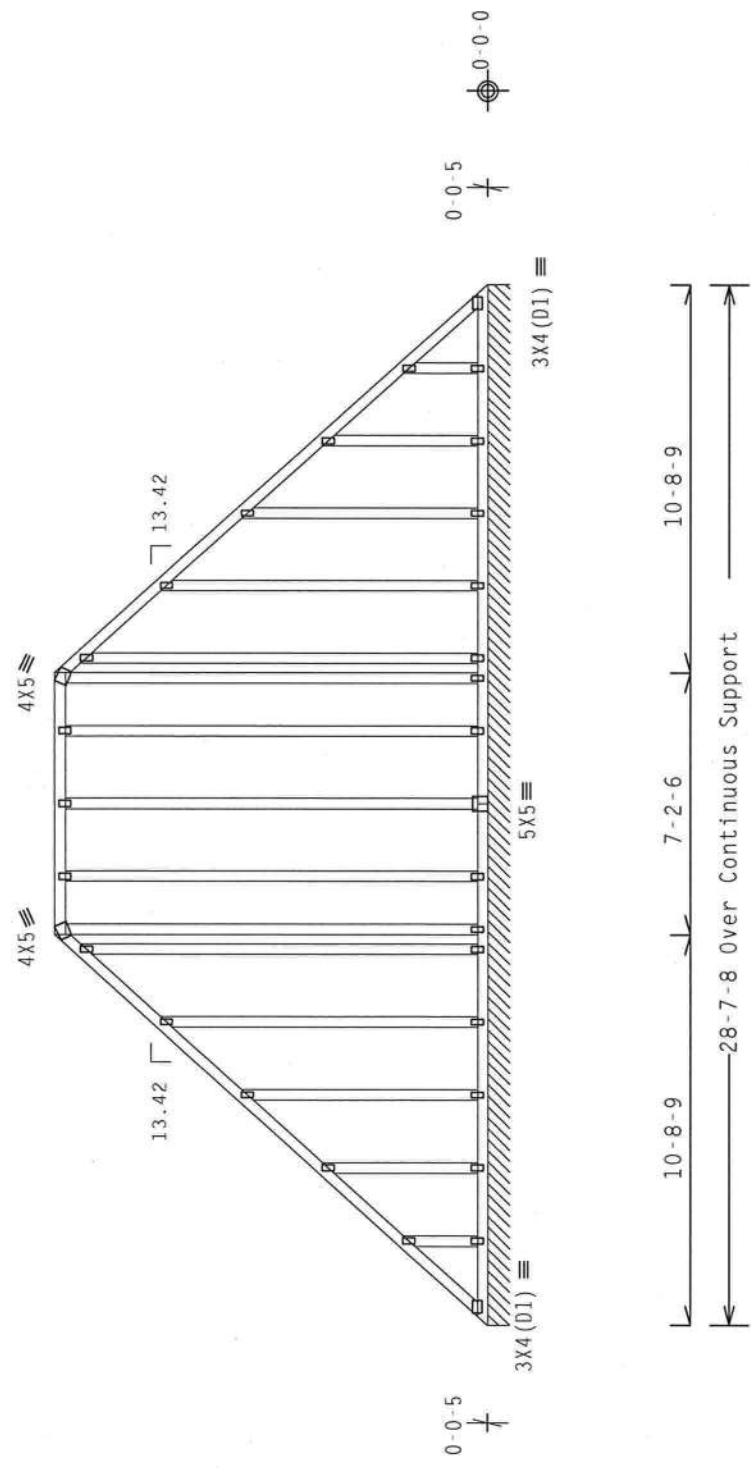


TC LL	20.0 PSF	REF	R215--	65321
TC DL	10.0 PSF	DATE	04/03/09	
BC DL	10.0 PSF	DRW	HCUSR215	09093037
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	212496	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TQH215_Z04	

(6123-/Ken & Linda Stapleton /EDGELY CONSTRUCTION -- LAKE CITY, FL - PFI)

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

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

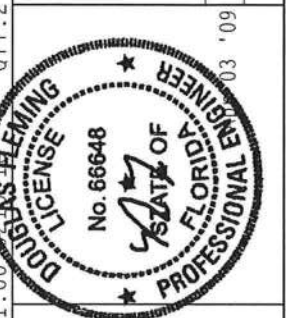
PLT TYP. Wave\R

QTY: 2

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

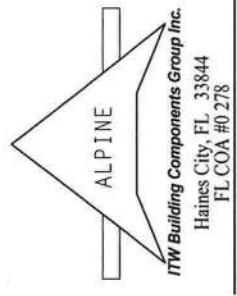
Scale = .1875"/Ft.

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"



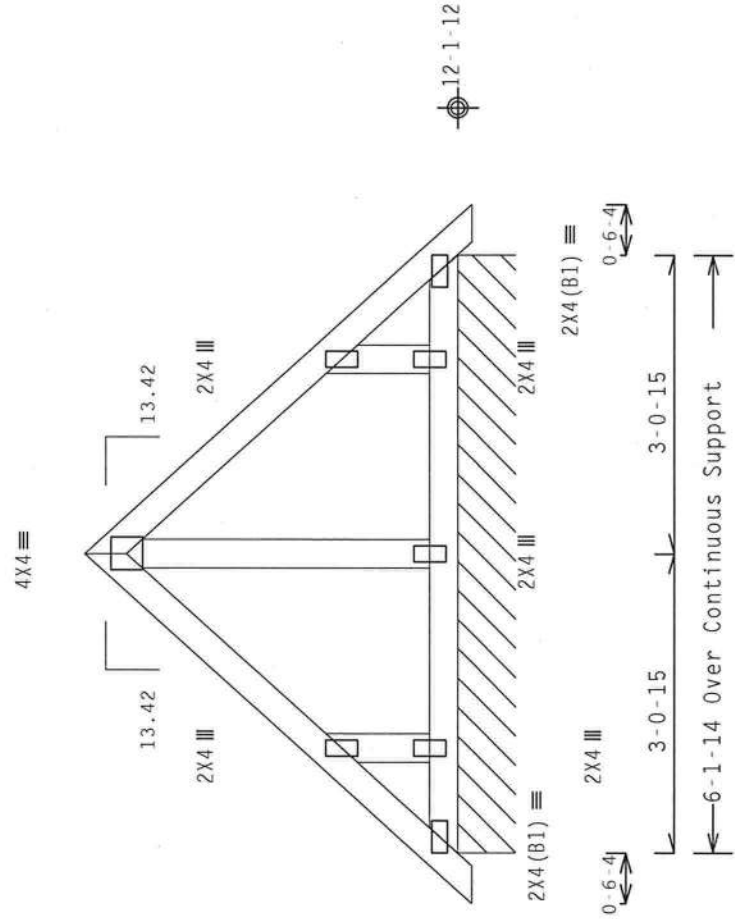
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BEG CONNECTION PLATES ARE MADE OF 2018/T106GA (40/55/55) ASH/ALUMINUM GRADE 40/60 (40/55/55) GALV. STEEL. APPLY AN INSPECTION OF PLATES FOLLOWED BY A VISUAL INSPECTION OF THE TRUSS FOR THE TRUSS COMPONENT DESIGN INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



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

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. IT IS ONLY TO BE USED AS A ROOF HIP FRAME. SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.



PLOT TYP. Wave\R

Design Crit: $\text{FBC2007Res/TPI-2002(STD)}$
 $\text{FT/RT}=20\%(0\%)/10(0)$

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215-- 65323
TC DL	10.0 PSF	DATE 04/03/09
BC DL	10.0 PSF	DRW HCUR215 09093031
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 212500
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T0H215_Z04

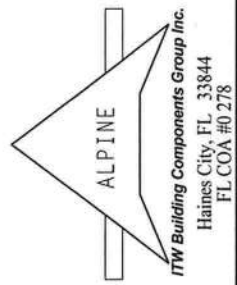


****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALAMOGORDO, NM 88310 AND AFRICA (HOOB TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. CONNECTOR PLATES ARE MADE OF 7070/1166A (N/A/55/8) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TPI-2002 SEC.2.

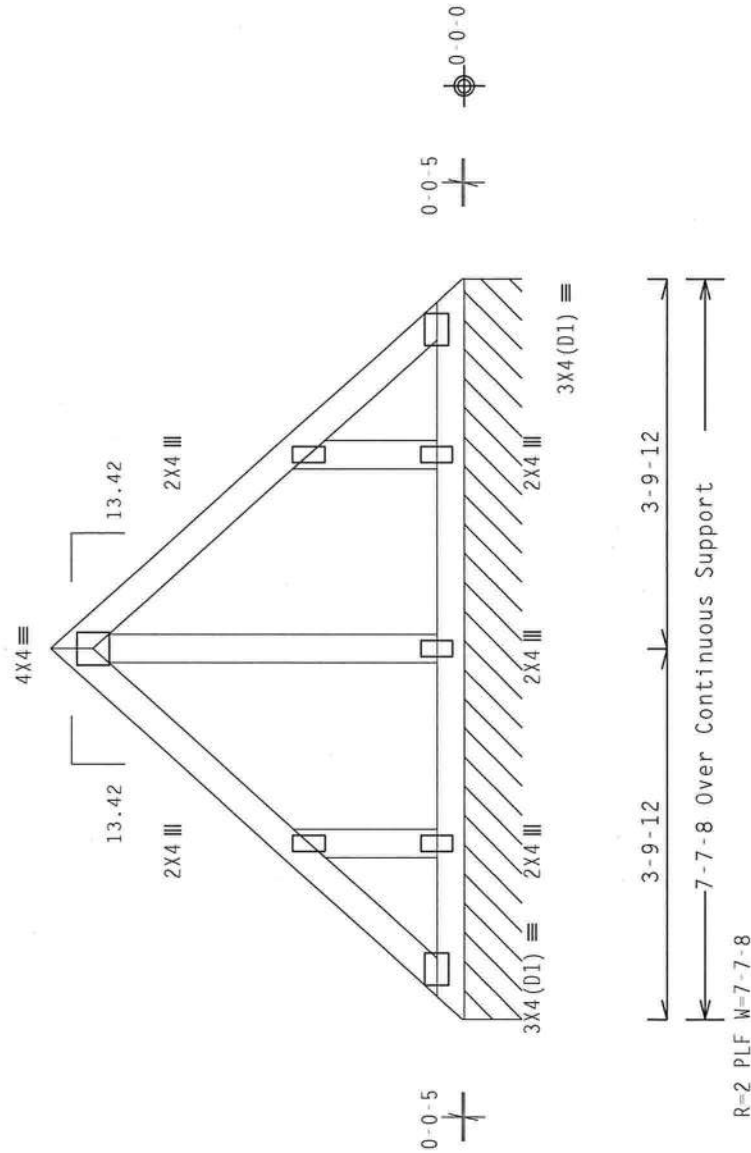
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(6123-/Ken & Linda Stapleton /EDGEY CONSTRUCTION -- LAKE CITY, FL - PF3)

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

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

Scale = .5"/Ft.

QTY: 1

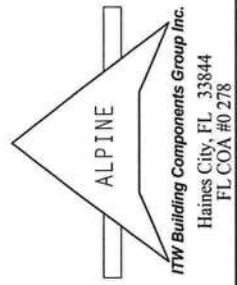
FL/-/5/-/E/R/-

TC LL	20.0 PSF	REF R215-- 65324
TC DL	10.0 PSF	DATE 04/03/09
BC DL	10.0 PSF	DRW HCUSR215 09093032
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEON- 212502
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TQH215_Z04



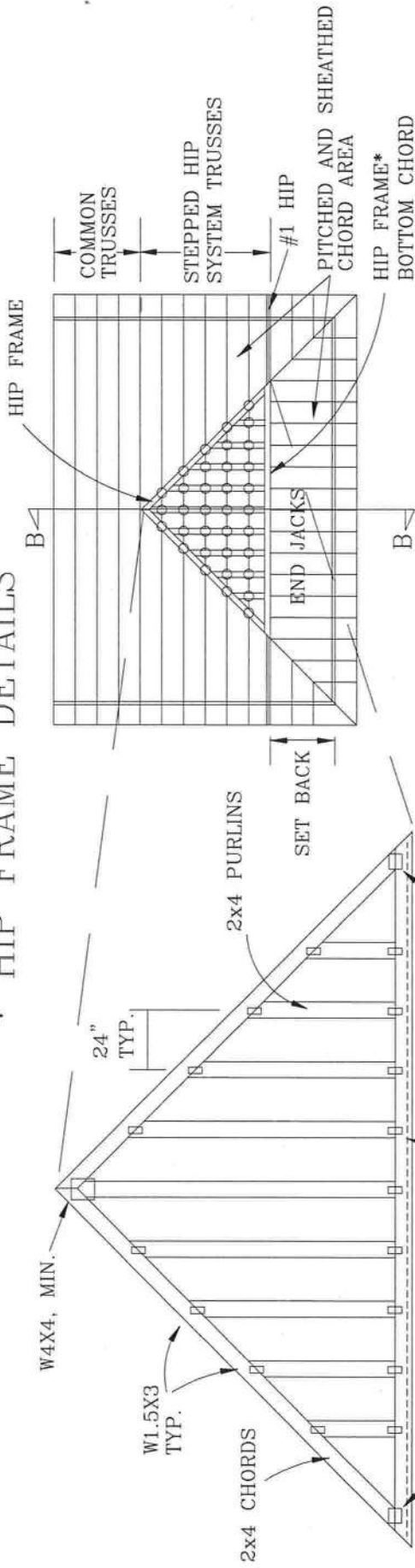
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/SS/K) ASTM A653 GRADE 40/60 (N-K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIAGRAMS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 13. A SEAL ON THIS DESIGN INDICATES THE DESIGNER'S PROFESSIONAL ENGINEERING RESPONSIBILITY AND THE TRUSS COMPONENT DESIGNER'S ACCEPTANCE OF THE DESIGN. THE SEAL IS THE PROPERTY OF THE DESIGNER AND SHALL REMAIN IN THE POSSESSION OF THE BUILDING DESIGNER PER AHSI/TPI 1 SEC. 7.



PLT TYP. Wave\R

* HIP FRAME DETAILS



o-- ATTACH HIP FRAME TO FLAT CHORDS OF STEPPED HIP AT ALL OVERLAPPING POINTS WITH 2-10d (0.148"x3") COMMON NAILS. BOTTOM CHORD OF HIP FRAME TO BE ATTACHED TO #1 HIP WITH 10d COMMON (0.148"x3") NAILS @ 6" O.C. MAXIMUM SPACING.

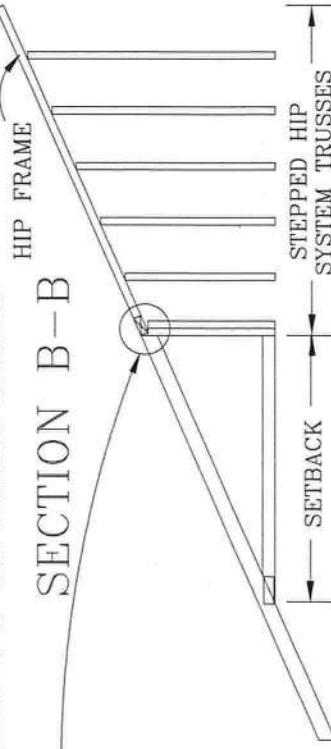
HIP FRAME STOPS AT PLUMB CUT OF JACKS TO MAINTAIN PITCH CONTINUITY.

USE THIS DETAIL FOR ASCE 7-02 OR ASCE 7-05 WIND, 110 MPH, 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=4.2 PSF, Kzt=1.00

* HIP FRAME LUMBER IS SPF, SO. PINE, HF, OR DFL STANDARD, STUD GRADE, OR BETTER.

SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT. PURLINS MUST BE INTACT AND PROPERLY ATTACHED.



HIP FRAME - PROVIDED BY TRUSS MANUFACTURER. HIP FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT TOP CHORDS OF HIP FRAME SYSTEM WHERE INDICATED. STRUCTURAL PANELS MUST BE PROPERLY ATTACHED DIRECTLY TO HIP FRAME PURLINS.

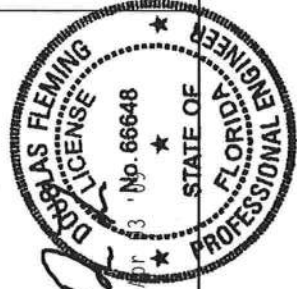
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions on the truss manufacturer's literature. Trusses shall be installed in accordance with the instructions on the truss manufacturer's literature. Trusses shall be installed in accordance with the instructions on the truss manufacturer's literature. Trusses shall be installed in accordance with the instructions on the truss manufacturer's literature.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 30/16/16GA (W/H/S/K) ASTM A653 grade 37/40/60 (K/W/H/S) 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. 2.2. For more information, contact ITW-BGC: www.itwbcg.com, TPI: www.tpi.com, WCH: www.abendustry.com, ICC: www.iccsafe.org



Earth City, MO 63045

REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109




**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**
**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007
ONE (1) AND TWO (2) FAMILY DWELLINGS**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.

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

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH

ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH

NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

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

**Items to Include-
Each Box shall be
Circled as
Applicable**

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		✓		
3	Condition space (Sq. Ft.) 1874	Total (Sq. Ft.) under roof 2751			

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIII YES	IIIII NO	IIIII N/A
9	Basic wind speed (3-second gust), miles per hour <i>110 mph</i>	✓		
10	(Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys <i>non vented</i>			✓
18	Location and size of skylights with Florida Product Approval			✓
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

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

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

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

Items to Include-
Each Box shall be
Circled as
Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	☒		
30	All posts and/or column footing including size and reinforcing	☒		
31	Any special support required by soil analysis such as piling.			☒
32	Assumed load-bearing value of soil <u>1000</u> Pound Per Square Foot	☒		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	☒		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides <u>Treat Soil.</u>	☒		☒
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	☒		☒
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement <u>wood frame</u>			☒

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			☒
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			☒
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			☒
42	Attachment of joist to girder			☒
43	Wind load requirements where applicable			☒
44	Show required under-floor crawl space			☒
45	Show required amount of ventilation opening for under-floor spaces			☒
46	Show required covering of ventilation opening			☒
47	Show the required access opening to access to under-floor spaces			☒
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			☒

48	intermediate of the areas structural panel sheathing			✓
49	Show Draftstopping, Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			✓
51	Provide live and dead load rating of floor framing systems (psf).			✓

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A

52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	☒		
74	Attic space <i>R 30</i>	☒		
75	Exterior wall cavity <i>R 13</i>	☒		
76	Crawl space <i>Concrete floor</i>			☒

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	☒		
78	Exhaust fans locations in bathrooms	☒		
79	Show clothes dryer route and total run of exhaust duct <i>Ext. wall</i>	☒	☒	

Plumbing Fixture layout shown

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

Private Potable Water

82	Pump motor horse power <i>1 1/2 H.P.</i>	☒		
83	Reservoir pressure tank gallon capacity <i>86 gal.</i>	☒		
84	Rating of cycle stop valve if used <i>30 gal. per min.</i>	☒		

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	☒		
86	Ceiling fans	☒		
87	Smoke detectors & Carbon dioxide detectors	☒		
88	Service panel, sub-panel, location(s) and total ampere ratings	☒		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	☒		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

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

Notice Of Commencement

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	City of Lake City A permit showing an approved waste water sewer tap			✓
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is \$50.00			✓
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	✓		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

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

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Single-family residential dwelling.

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

Permit intent.

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

If work has commenced.

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

New Permit.

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

Work Shall Be:

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

The Fee:

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

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

PRODUCT APPROVAL SPECIFICATION SHEET**Location:** _____**Project Name:** Shapleton

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

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

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

Copies turned in
with plans

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

FOR STAFF USE ONLY