

DATE 01/25/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000026666

APPLICANT GARY THOMPSON PHONE 935-2118
ADDRESS 3554 256TH STREET O'BRIEN FL 32071
OWNER RAY BOWMAN & KAREN MCLAIN PHONE 904-268-3540
ADDRESS 655 DIAMONDBACK GLN HIGH SPRINGS FL 32643
CONTRACTOR GARY THOMPSON PHONE 935-2118
LOCATION OF PROPERTY 441 SOUTH, GO PAST OLENO, GO LEFT ON DIAMONDBACK GLN
THRU THE GATE (COMBO 1234) 1ST ON LEFT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 230700.00
HEATED FLOOR AREA 2629.00 TOTAL AREA 4614.00 HEIGHT 29.00 STORIES 2
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 10/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. _____

PARCEL ID 10-7S-17-09974-307 SUBDIVISION DOGWOOD ACRES UNRS
LOT 7 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 11.00

CRC046869
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
PRIVATE ROAD 08-0083E BK CS Y
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 12573

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

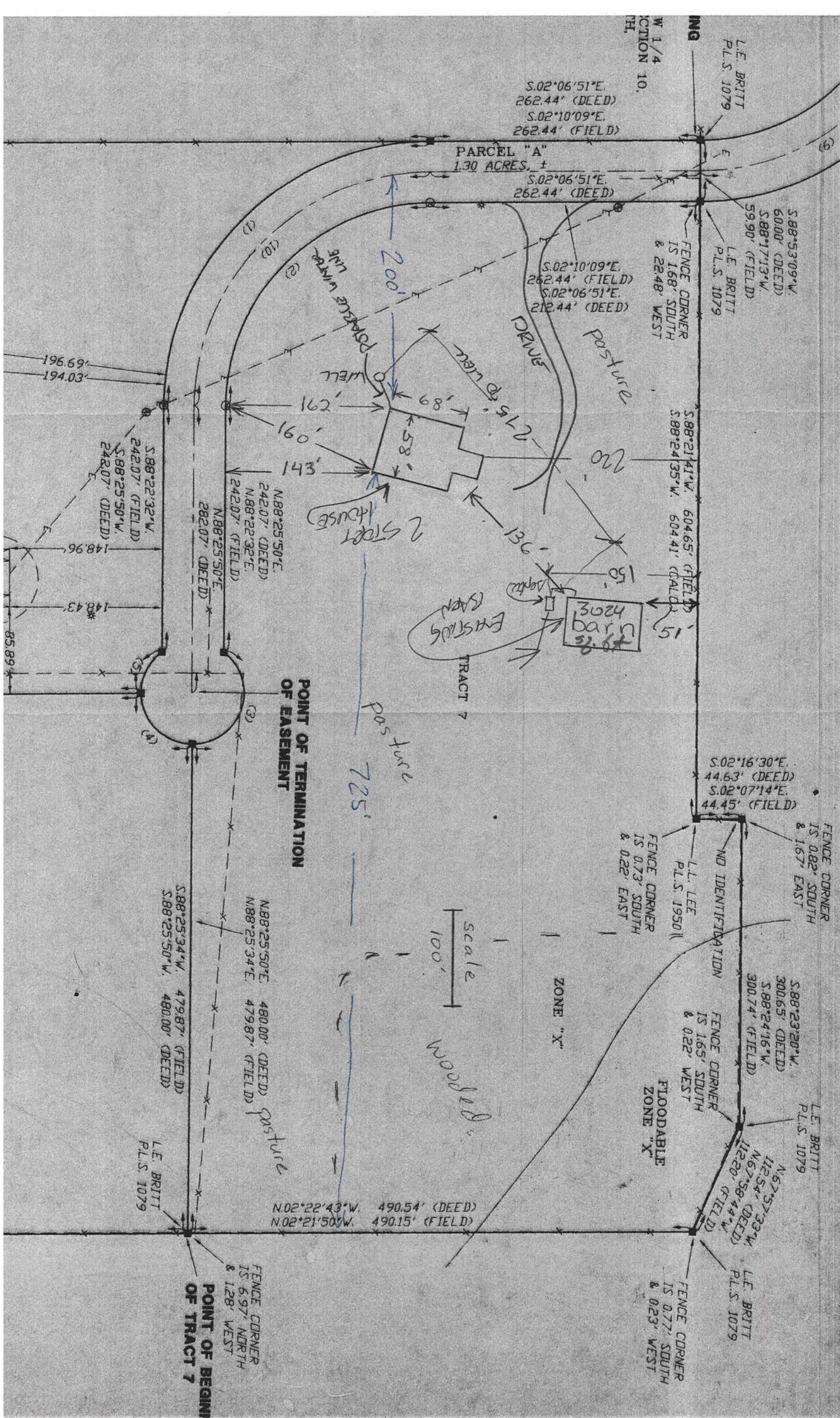
BUILDING PERMIT FEE \$ 1155.00 CERTIFICATION FEE \$ 23.07 SURCHARGE FEE \$ 23.07
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ TOTAL FEE 1276.14
INSPECTORS OFFICE Z. J. CLERKS OFFICE CH

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

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

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

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



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_groft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 1/11/2008 DATE ISSUED: 1/15/2008

ENHANCED 9-1-1 ADDRESS:

655 SE DIAMONDBACK GLN
HIGH SPRINGS FL 32643
PROPERTY APPRAISER PARCEL NUMBER:
10-7S-17-09974-307

Remarks:

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

1087

JAN 15 2008

911Addressing/GIS Dept



STATE OF FLORIDA
DEPARTMENT OF HEALTH

Bowman

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0083E

PART II - SITE PLAN

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

Handwritten on grid: *SEE ATTACHMENT II*

Notes: _____

Site Plan submitted by: _____

Plan Approved ☒ Not Approved ☐

By _____

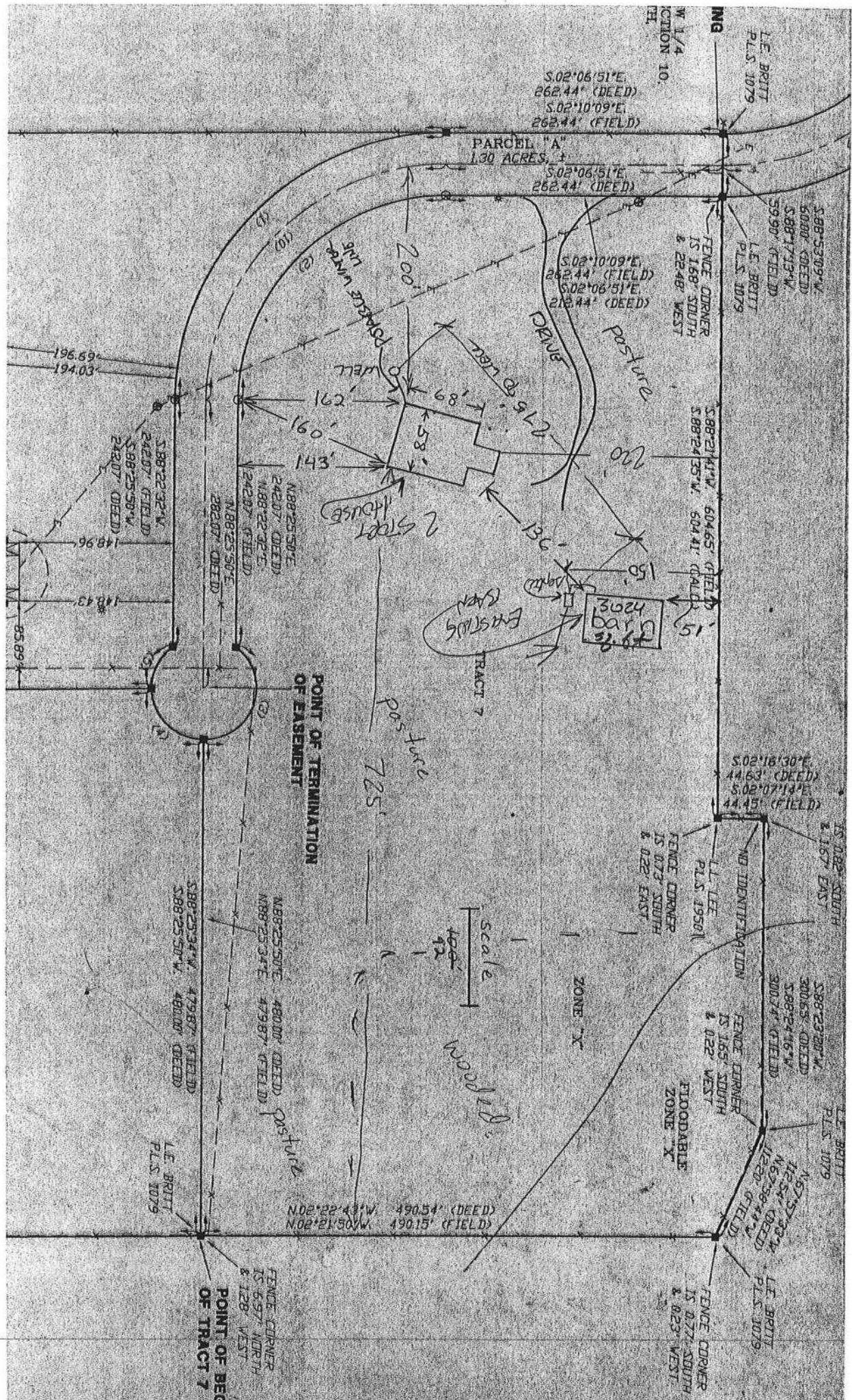
Nancy A. Lloyd
Signature
APPROVED
Columbia CHD

Agent
Title

Date *1/21/13*

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



This Warranty Deed

RECORDED IN OFFICIAL RECORDS
INSTRUMENT # 2162389 2 PGS
2005 AUG 17 10:48 AM BK 3193 PG 1497
J. K. "BUDDY" IRBY
CLERK OF CIRCUIT COURT
ALACHUA COUNTY, FLORIDA
CLERK12 Receipt#248714
Doc Stamp-Deed: 2,695.00

Made this 12th day of August, 2005 by
ALVAN BLUHM AND BARBARA BLUHM, HUSBAND
AND WIFE

Hereinafter called the grantor, to
RAY D. BOWMAN AND KAREN L. MCLAIN, HUSBAND
AND WIFE

Whose post office address is:
3824 OLDFIELD TR
JACKSONVILLE, FL 32223

hereinafter called the grantees:

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

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

TRACTS 7 AND 8, OF DOGWOOD ACRES, AN UNRECORDED SUBDIVISION, SAID TRACTS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TRACT 7:

A PART OF THE SOUTHEAST 1/4, SECTION 10, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF THE SAID SOUTHEAST 1/4 AND RUN NORTH 88 DEG. 25 MIN. 52 SEC. EAST, 1073.77 FEET TO THE WEST LINE OF DOWNING ACRES, UNRECORDED; THENCE NORTH 02 DEG. 22 MIN. 43 SEC. WEST, 840.0 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE NORTH 02 DEG. 22 MIN. 43 SEC. WEST, 490.54 FEET; THENCE NORTH 67 DEG. 57 MIN. 33 SEC. WEST, 112.54 FEET; THENCE SOUTH 88 DEG. 23 MIN. 20 SEC. WEST, 300.65 FEET; THENCE SOUTH 02 DEG. 16 MIN. 30 SEC. EAST, 44.63 FEET; THENCE SOUTH 88 DEG. 24 MIN. 35 SEC. WEST, 604.41 FEET TO A CONCRETE MONUMENT ON THE EAST LINE OF A 60 FOOT EASEMENT; THENCE SOUTH 02 DEG. 08 MIN. 51 SEC. EAST, 212.44 FEET TO A CONCRETE MONUMENT MARKING THE POINT OF CURVE OF A CURVE TO THE LEFT HAVING A RADIUS OF 200.0 FEET AND AN INCLUDED ANGLE OF 89 DEG. 27 MIN. 19 SEC.; THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 312.26 FEET; THENCE NORTH 88 DEG. 25 MIN. 50 SEC. EAST, 242.07 FEET TO A POINT OF INTERSECTION WITH THE CURVE OF A CUL-DE-SAC HAVING A RADIUS OF 50 FEET; THENCE EASTERLY ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTH THROUGH A CENTRAL ANGLE OF 143 DEG. 07 MIN. 48 SEC. FOR AN ARC DISTANCE OF 124.90 FEET; THENCE NORTH 88 DEG. 25 MIN. 50 SEC. EAST, 480.0 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER EASEMENT DESCRIBED AS FOLLOWS:

A PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 10, TOWNSHIP 7 SOUTH, RANGE 17 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE NORTHWEST CORNER OF THE SAID SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 AND RUN SOUTH 02 DEG. 08 MIN. 51 SEC. EAST, ALONG THE WEST LINE THEREOF, 262.44 FEET TO THE POINT OF CURVE OF A CURVE TO THE LEFT HAVING A RADIUS OF 260.0 FEET AND AN INCLUDED ANGLE OF 89 DEG. 27 MIN. 19 SEC.; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 405.94 FEET; THENCE NORTH 88 DEG. 25 MIN. 50 SEC. EAST, 242.07 FEET TO THE INTERSECTION WITH THE ARC OF A 50 FOOT CUL-DE-SAC; THENCE FOLLOWING THE ARC OF THE CURVE OF SAID CUL-DE-SAC THROUGH AN INCLUDED ANGLE OF 288 DEG. 15 MIN. 37 SEC. IN A SOUTHEASTERLY, NORTHERLY, AND SOUTHWESTERLY DIRECTION FOR AN ARC DISTANCE OF 249.81 FEET; THENCE SOUTH 88 DEG. 25 MIN. 50 SEC. WEST, 242.07 FEET TO THE POINT OF CURVE OF A CURVE TO THE RIGHT HAVING A RADIUS OF 200.0 FEET AND AN INCLUDED ANGLE OF 89 DEG. 27 MIN. 19 SEC.; THENCE ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 312.26 FEET; THENCE NORTH 02 DEG. 08 MIN. 51 SEC. WEST, 262.44 FEET; THENCE SOUTH 87 DEG. 53 MIN. 09 SEC. WEST, 80.0 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

TRACT 8:

A PART OF THE SOUTHEAST 1/4 OF SECTION 10, TOWNSHIP 7 SOUTH, RANGE 17 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHWEST CORNER OF SAID SOUTHEAST 1/4 AND RUN NORTH 88 DEG. 25 MIN. 52 SEC. EAST, 543.77 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE NORTH 88 DEG. 25 MIN. 52 SEC. EAST, 530.0 FEET TO THE WEST LINE OF "DOWNING ACRES" UNRECORDED; THENCE NORTH 02 DEG. 22 MIN. 43 SEC. WEST, ALONG SAID WEST LINE, 840.0 FEET; THENCE SOUTH 88 DEG. 25 MIN. 50 SEC. WEST, 480.0 FEET; THENCE SOUTHERLY ALONG THE ARC OF A CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 50.0 FEET THROUGH AN INCLUDED ANGLE OF 89 DEG. 11 MIN. 27 SEC. FOR AN ARC DISTANCE OF 77.83 FEET; THENCE SOUTH 02 DEG. 22 MIN. 43 SEC. EAST, 790.0 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA.



Inst: 200608565 Date: 04/07/2006 Time: 09:38
Doc Stamp-Deed: 0.70
DC, P. Dewitt Cason, Columbia County B: 1079 P: 2622

TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER AND ACROSS A 60 FOOT EASEMENT LYING 30 FEET RIGHT AND 30 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCE AT THE NORTHWEST CORNER OF LOT 5, DOGWOOD ACRES, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 6, PAGE 39/39A, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA; AND RUN NORTH 01 DEGREES, 52 MINUTES, 55 SECONDS WEST, ALONG THE EAST LINE OF U.S. HIGHWAY NO. 41/441, 30.0 FEET FOR A POINT OF BEGINNING FOR THE CENTERLINE OF SAID 60 FOOT EASEMENT; THENCE NORTH 88 DEG. 21 MIN. 56 SEC. EAST, ALONG SAID CENTERLINE, 550.0 FEET TO THE POINT OF CURVE OF A CURVE TO THE LEFT HAVING A RADIUS OF 311.46 FEET AND AN INCLUDED ANGLE OF 33 DEGREES, 59 MINUTES, 12 SECONDS; THENCE NORTHEASTERLY ALONG THE ARC OF SAID CURVE, 184.75 FEET TO A POINT OF REVERSE CURVE; THENCE EASTERLY ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 311.46 FEET, AN INCLUDED ANGLE OF 33 DEG. 59 MIN. 12 SEC. FOR AN ARC DISTANCE OF 184.75 FEET; THENCE NORTH 88 DEG. 23 MIN. 15 SEC. EAST, 665.86 FEET TO THE POINT OF CURVE OF A CURVE TO THE RIGHT HAVING A RADIUS OF 262.34 FEET, AN INCLUDED ANGLE OF 26 DEG. 55 MIN. 55 SEC.; THENCE EASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 123.31 FEET; THENCE SOUTH 64 DEG. 40 MIN. 50 SEC. EAST, 884.69 FEET TO THE POINT OF CURVE OF A CURVE TO THE RIGHT HAVING A RADIUS OF 233.33 FEET AND AN INCLUDED ANGLE OF 62 DEG. 33 MIN. 59 SEC.; THENCE SOUTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 254.79 FEET; THENCE SOUTH 02 DEG. 08 MIN. 51 SEC. EAST, 262.44 FEET TO THE POINT OF CURVE TO THE LEFT HAVING A RADIUS OF 230.0 FEET AND AN INCLUDED ANGLE OF 89 DEG. 27 MIN. 19 SEC.; THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 359.10 FEET TO THE END OF SAID CURVE; THENCE NORTH 88 DEG. 25 MIN. 50 SEC. EAST, 282.07 FEET TO A RADIUS POINT OF A CUL-DE-SAC WITH A RADIUS OF 50.0 FEET TO THE POINT OF TERMINATION OF SAID 60 FOOT EASEMENT CENTERLINE. THIS EASEMENT ALSO INCLUDES A CUL-DE-SAC RADIUS OF 50.0 FEET CENTERED ON THE POINT OF TERMINATION FOR THE CENTERLINE DESCRIBED ABOVE.

Subject to covenants, restrictions, easements of record and taxes for the current year.

Parcel Identification Number: PART OF [REDACTED]

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in our presence:

John Caldwell
Witness: (Signature)

John Caldwell
Print Name:

Charlotte C. Dixon
Witness: (Signature)

Charlotte C. Dixon
Print Name:

John Caldwell
Witness: (Signature)

John Caldwell
Print Name:

Charlotte C. Dixon
Witness: (Signature)

Charlotte C. Dixon
Print Name:

State of Florida
County of Alachua

The foregoing instrument was acknowledged before me this 12th day of August, 2005, by ALVAN BLUHM AND BARBARA BLUHM, HUSBAND AND WIFE, who is personally known to me or who has produced drivers license as identification.

NOTARY PUBLIC (signature)
Print Name:
My Commission Expires:
Stamp/Seal:



Prepared by and for:
Charlotte Dixon
Professionals' Title Company, LLC
4141 NW 37th Pl
Gainesville, FL 32606
File Number: 581050136

Incident to the issuance of a title insurance contract.
warrantydeed.dot
rev. 01/24/05
pl

Alvan Bluhm
ALVAN BLUHM
PO BOX 53
HIGH SPRINGS, FL 32655

Barbara Bluhm
BARBARA BLUHM
PO BOX 53
HIGH SPRINGS, FL 32655



J.K. "Buddy" Roy, Clerk of the Circuit & County Court, Eighth Judicial Circuit of Florida, do hereby certify this to be a true and correct copy of the document now of record in this office. Witness my hand and seal this 4th day of April, 2006.

J.K. "Buddy" Roy, Clerk of the Circuit & County Court
By Vanessa Watts
Deputy Clerk

Inst: 200608565 Date: 04/07/2006 Time: 09:38
Doc Stamp-Deed : 0.70
DC, P. Dewitt Cason, Columbia County B: 1079 P: 2623

INSTRUMENT # 2162389
2 PGS

Columbia County Property Appraiser

DB Last Updated: 11/15/2007

2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 10-7S-17-09974-307

Owner & Property Info

Search Result: 1 of 1

Owner's Name	BOWMAN RAY D & KAREN L MCLAIN		
Site Address	DIAMOND BACK		
Mailing Address	3824 OLDFIELD TR JACKSONVILLE, FL 32223		
Use Desc. (code)	PASTURELAN (006200)		
Neighborhood	10717.08	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	21.280 ACRES		
Description	COM SW COR OF SE1/4, RUN E 543.77 FT FOR POB, CONT EAST 530 FT, N 1330.54 FT, NE 112.54 FT, W 300.65 FT, SOUTH 44.63 FT, W 604.41 FT TO E R/W OF 60 FT RD, S ALONG R/W 50 FT CONT S 212.44 FT, SE ALONG CURVE 312.26 FT, E 242.07 FT, NE ALONG CUL-DE-SAC 124.90 FT, CONT SW ALONG CUL-DE-SAC 77.83 FT, S 790 FT TO POB AKA LOT 7 & 8 DOGWOOD ACRES UNREC ORB 745-653, 754-2176 THRU 2179, WD 1079-2622,		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$14,339.00
Ag Land Value	cnt: (1)	\$3,650.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (2)	\$25,920.00
Total Appraised Value		\$43,909.00

Just Value	\$143,687.00
Class Value	\$43,909.00
Assessed Value	\$43,909.00
Exempt Value	\$0.00
Total Taxable Value	\$43,909.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/12/2005	1079/2622	WD	V	U	01	\$100.00
10/1/1991	751/1154	WD	V	Q		\$33,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0041	BARN,MACH	2007	\$24,192.00	3024.000	42 x 72 x 0	(.00)
0166	CONC,PAVMT	2007	\$1,728.00	576.000	8 x 72 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
----------	------	-------	-------------	----------	-----------

000700	MISC RES (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$12,339.60	\$12,339.00
006200	PASTURE 3 (AG)	20.280 AC	1.00/1.00/1.00/1.00	\$180.00	\$3,650.00
009910	MKT.VAL.AG (MKT)	20.280 AC	1.00/1.00/1.00/1.00	\$0.00	\$103,428.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 11/15/2007

1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

Notice:

Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

[Scroll to Top](#)

Site powered by: Grizzly Logic, Inc.© Copyright 2001

Web Site Copyright © 2000 Columbia County. All rights reserved.

Pat Lynch
LYNCH DRILLING Corp.
P. O. BOX 934
Bradford, FL 32008-0934
(386) 935-1076

Ray Bowman / Karen McLain
10-75-17-09974-307
Columbia Cty

DATE: 1/2/08

4" Water well complete with 4" black water well steel casing, 1HP submersible pump (20 gpm) with 1 1/4" galvanized drop pipe, and 81 gallon captive air tank (21.9 gallon drawdown) (maximum 100 feet included)

Well will be complete at the well site. We do not include electrical nor plumbing connections from the well to the home and/or power pole.

Prices on estimates are subject to change, if estimate is over 30 days old, unless specific arrangements are made to extend limit. Estimated depths are available upon request and after review of the specified location.

THANK YOU!

Seller shall retain title to the described merchandise until such merchandise has been paid for by the buyer, however, buyer shall have the right to use, display, lease, possess, or otherwise deal with the merchandise solely in connection with the sale of such merchandise to buyers in the ordinary course of business. The merchandise delivered hereby is to be paid for upon delivery and if not paid for within thirty (30) days after receipt, interest and service charges shall accrue at the rate of 1 1/2% per month; this charge is equivalent to an interest rate of 18% per annum from the date of receipt. In the event it shall become necessary for seller to collect the purchase price, or any part thereof, buyer agrees to pay to seller all of the cost of collection including reasonable attorney's fees and all incidental charges incurred by the seller. The buyer shall have five (5) days after receipt to notify seller of any defects or damages in the merchandise. If buyer has not so notified seller within such five day period such rights shall have expired and such merchandise shall be deemed to have been received in good condition. Seller warrants that the merchandise is workable and free from defects in material and workmanship. Seller makes no other express or implied warranties and does not warrant that the merchandise is fit for any particular purpose. Buyer further agrees that the site of this contract and place for payment is Seawater Casing, Florida. The buyer acknowledges acceptance of the above stated terms and conditions if this sale by his receipt and retention for five days the merchandise shipped or delivered by the seller.

NOT RESPONSIBLE FOR QUALITY OF WATER

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 10-75-17-09974-307

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Section 10, Township 7 South, Range 17 East
a) Street (job) Address: Deer run Farm, tract 7, 657 Diamond Back Glen, Columbia Cty, FL
2. General description of improvements: Single Family new construction
3. Owner Information
a) Name and address: Ray Bowman & Karen McLain 3824 Oldfield trail Jacksonville, FL 32223
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property _____
4. Contractor Information
a) Name and address: Gary W. Thompson 3554 256th St. O'Brien, FL 32071
b) Telephone No.: 386-935-2118 Fax No. (Opt.) 386-935-2118
5. Surety Information
a) Name and address: N/A
b) Amount of Bond: _____
c) Telephone No.: _____
6. Lender
a) Name and address: N/A Inst: 200812000159 Date: 1/4/2008 Time: 2:07 PM
b) Phone No. _____ DC, P. DeWitt Cason, Columbia County Page 1 of 1
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

10.

Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 3rd day of January, 2008, by:
Ray D. Bowman as owner (type of authority, e.g. officer, trustee, attorney
fact) for n/a (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification ☒ Type Drivers License

Notary Signature Melissa C Prevatt Notary Stamp or Seal:



—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

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

FORM 600B-04

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
Residential Component Prescriptive Method B

NORTH 1 2 3

Compliance with Method B of Subchapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single- and multiple-family residences of three stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component packages and comply with the prescriptives listed in this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the code.

PROJECT NAME: AND ADDRESS:	BUILDER: <u>GARY THOMPSON</u>	PERMITTING OFFICE:	CLIMATE ZONE: 1 ☐ 2 ☐ 3 ☐
	OWNER:	PERMIT NO.:	JURISDICTION NO.:

1. New construction including additions which incorporate any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other nonvertical roof glass.
2. Choose one of the component packages "A" through "E" from Table 6B-1 by which you intend to comply with the code. Circle the column of the package you have chosen.
3. Fill in all the applicable spaces of the "To Be Installed" column on "Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
4. Complete page 1 based on the "To Be Installed" column information.
5. Read "Minimum Requirements for All Packages," Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
6. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

Please Print

CK

- Compliance package chosen (A-E)
- New construction or addition
- Single-family detached or multiple-family attached
- If multiple-family—No. of units covered by this submission
- Is this a worst case? (yes/no)
- Conditioned floor area (sq. ft.)
- Predominant eave overhang (ft.)
- Glass type and area:
 - Clear glass
 - Tint, film or solar screen
- Percentage of glass to floor area
- Floor type, area or perimeter, and insulation:
 - Slab-on-grade (R-value)
 - Wood, raised (R-value)
 - Wood, common (R-value)
 - Concrete, raised (R-value)
 - Concrete, common (R-value)
- Wall type, area and insulation:
 - Exterior:
 - Masonry (Insulation R-value) ICF
 - Wood frame (Insulation R-value)
 - Adjacent:
 - Masonry (Insulation R-value)
 - Wood frame (Insulation R-value)
- Ceiling type, area and insulation:
 - Under attic (Insulation R-value)
 - Single assembly (Insulation R-value)
- Air distribution system: Duct insulation, location
Test report (attach if required)
- Cooling system:
(Types: central, room unit, package terminal A.C., gas, none)
- Heating system:
(Types: heat pump, elec. strip, nat. gas, LP-Gas, gas h.p., room or PTAC, none)
- Hot water system:
(Types: elec., nat. gas, LP-gas, solar, heat rec., ded. heat pump, other, none)

1.	<u>C</u>		
2.	<u>NEW</u>		
3.	<u>3F</u>		
4.	<u>N/A</u>		
5.	<u>NO</u>		
6.	<u>2629</u>		
7.	<u>8</u>		
	Single Pane	Double Pane	
8a.	<u>—</u> sq. ft.	<u>252</u> sq. ft.	
8b.	<u>—</u> sq. ft.	<u>—</u> sq. ft.	
9.	<u>9.6</u> %		
10a.	R = <u>—</u>	<u>—</u> lin. ft.	
10b.	R = <u>18</u>	<u>2280</u> sq. ft.	
10c.	R = <u>19</u>	<u>349</u> sq. ft.	
10d.	R = <u>—</u>	<u>—</u> sq. ft.	
10e.	R = <u>—</u>	<u>—</u> sq. ft.	
11a-1	R = <u>30</u>	<u>1764</u> sq. ft.	
11a-2	R = <u>11</u>	<u>458</u> sq. ft.	
11b-1	R = <u>—</u>	<u>—</u> sq. ft.	
11b-2	R = <u>—</u>	<u>—</u> sq. ft.	
12a.	R = <u>30</u>	<u>2629</u> sq. ft.	
12b.	R = <u>—</u>	<u>—</u> sq. ft.	
13.	R = <u>6</u>	<u>ATTIC</u>	
14a.	Type: <u>CENTRAL</u>		
14b.	SEER/EER: <u>12.10</u>		
14c.	Capacity: <u>52000-5 TON</u>		
15a.	Type: <u>HEAT PUMP</u>		
15b.	HSPF/COP/AFUE: <u>7.85</u>		
15c.	Capacity: <u>54000</u>		
16a.	Type: <u>ELECTRIC</u>		
16b.	EF: <u>0.92</u>		

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

PREPARED BY: Curtis Keen

DATE: 12/28/07

I hereby certify that this building is in compliance with the Florida Energy Code:

OWNER AGENT: _____ DATE: _____

Review of 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 in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

DATE: _____

APPENDIX 13-D

TABLE 6B-1

MINIMUM REQUIREMENTS

Climate Zones 1 2 3

COMPONENTS		PACKAGES FOR NEW CONSTRUCTION					TO BE INSTALLED	
GLASS	Max. % of Glass to Floor Area	15%	15%	20%	20%	25%	DC: ☒	DT: ☐
	Type	Double Clear (DC)	Double Clear (DC)	Double Clear (DC)	Double Clear (DC)	Double Tint (DT)	FEET	
	Overhang	1'4"	2'	2'	2'	2'		
WALLS	Masonry	EXTERIOR AND ADJACENT MASONRY WALLS R-5 COMMON MASONRY WALLS R-3 EACH SIDE.					EXT: R = 30	
	Wood Frame	EXTERIOR, ADJACENT, AND COMMON WOOD-FRAME WALLS R-11					ADJ: R = -	
CEILINGS		R-30	R-30	R-30	R-30	R-30	COM: R = -	
FLOORS	Slab-On-Grade	R-0					UNDER ATTIC: R = 30	
	Raised Wood	R-19 (ONLY STEM WALL CONSTRUCTION ALLOWED EXCEPT PACKAGE C)					COMMON: R = 19	
	Raised Concrete	R-7					R = 79	
DUCTS		R-6	R-6	R-6, TESTED	R-6	R-6, TESTED	R = 6	COND. ☐
SPACE COOLING (SEER)		12.0	10.5	12.0	11.0	12.0	SEER = 12.10	
HEAT	Elect. (HSPF)	7.9	7.1	7.4	7.4	7.4	HSPF = 7.85	
	Gas/Oil (AFUE)	MINIMUM OF .73 (Direct heating) or .78 (Central)					AFUE = 0.92	
HOT WATER SYSTEM	Electric Resistance**	EF .92	NOT ALLOWED (SEE BELOW)	EF .92	NOT ALLOWED (SEE BELOW)	EF .92	EF = 0.92	
	Gas & Oil**	MINIMUM EF OF .59				NATURAL GAS ONLY (SEE BELOW)	DHP: ☒ EF =	
	Other	Any of the following are allowed: dedicated heat pump, heat recovery unit or solar system.					HRU: ☒ EF =	
							SOLAR: ☒ EF =	

* Single package units minimum SEER=9.7, HSPF = 6.6.

** Minimum efficiencies for gas and electric hot water systems apply to 40 gallon water heaters. Refer to Table 612.1 ABC.3.2 for minimum code efficiencies for oil water heaters and other sizes.

DESCRIPTION OF BUILDING COMPONENTS LISTED

Percent of Glass to Floor Area: This percentage is calculated by dividing the total of all glass areas by the total conditioned floor area.

Overhang: The overhang is the distance the roof or soffit projects out horizontally from the face of the glass. All glass areas shall be under an overhang of at least the prescribed length with the following exceptions: 1) glass on the gabled ends of a house and 2) the glass in the lower stories of a multistory house.

Wall, Ceiling and Floor Insulation Values: The R-values indicated represent the minimum acceptable insulation level added to the structural components of the wall, ceiling or floor. The R-value of the structural building materials shall not be included in this calculation. "Common" components are those separating conditioned tenancies in a multiple-family building. "Adjacent" components separate conditioned space from unconditioned but enclosed space. "Exterior" components separate conditioned space from unconditioned and unenclosed space.

Floor: Slab-on-grade floors without edge insulation are acceptable. Raised wood floors shall have continuous stem walls with insulation placed on the stem wall or under the floor except Package C.

Ducts: "TESTED" shall mean the ducts have less than 5% leakage based on a certified test report by a state-approved tester.

Space Cooling System: Cooling systems shall have a Seasonal Energy Efficiency Ratio (SEER) for central units or Energy Efficiency Ratio (EER) for room units or PTACs equal to or greater than the prescribed value.

Electric Space Heating Option: Heat pump systems shall be rated with a Heating Seasonal Performance Factor (HSPF) equal to or greater than the prescribed HSPF. Heat pump systems may contain electric strip backups meeting the criteria of Section 608.1 ABC.3.2.1.2. No electric resistance space heat is allowed for these packages.

Electric Resistance Hot Water Option: For packages designated "Not Allowed," an electric resistance hot water system may be installed only in conjunction with one of the "Other Hot Water System Options." See below.

Other Hot Water System Options: Any dedicated heat pump, heat recovery unit, or solar hot water system may be installed. Solar systems must have an EF of 1.5 or higher. Electric resistance systems having an EF of .92 or greater, or natural gas systems with EF .59 or greater may be used in conjunction with these systems.

TABLE 6B-2 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	606.1	Max .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	✓
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	✓
Multistory Houses	606.1	Air barrier on perimeter of floor cavity between floors.	✓
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	✓
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker electric or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	✓
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	✓
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 psig.	✓
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓

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:1TDT215-Z0102100401

Truss Fabricator: W.B. Howland
Job Identification: 4973-/BOWMAN RESIDENCE /GARY THOMPSON -- , FL
Truss Count: 41
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.38, 7.37.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Details: A11015EE-GBLLETIN-BRCLBSUB-A11030EE-

#	Ref	Description	Drawing#	Date
1	38872--A1		08002013	01/02/08
2	38873--A2		08002001	01/02/08
3	38874--A3		08002002	01/02/08
4	38875--A4		08002003	01/02/08
5	38876--A5		08002004	01/02/08
6	38877--A6		08002014	01/02/08
7	38878--A7		08002015	01/02/08
8	38879--A8		08002016	01/02/08
9	38880--A9		08002017	01/02/08
10	38881--A10		08002018	01/02/08
11	38882--A11		08002039	01/02/08
12	38883--A12		08002019	01/02/08
13	38884--A13		08002020	01/02/08
14	38885--A14		08002021	01/02/08
15	38886--A15		08002040	01/02/08
16	38887--A16		08002022	01/02/08
17	38888--A17		08002023	01/02/08
18	38889--A18		08002024	01/02/08
19	38890--A19		08002025	01/02/08
20	38891--A20		08002026	01/02/08
21	38892--A21		08002005	01/02/08
22	38893--A22		08002006	01/02/08
23	38894--A23		08002027	01/02/08
24	38895--JC1		08002041	01/02/08
25	38896--JC2		08002028	01/02/08
26	38897--JC3		08002007	01/02/08
27	38898--JC4		08002008	01/02/08
28	38899--JC5		08002009	01/02/08
29	38900--JC7		08002010	01/02/08
30	38901--JE8		08002029	01/02/08
31	38902--JE8A		08002011	01/02/08
32	38903--JE8B		08002012	01/02/08
33	38904--JE8C		08002030	01/02/08
34	38905--JH9		08002031	01/02/08
35	38906--JH9A		08002032	01/02/08
36	38907--PB1		08002033	01/02/08

#	Ref	Description	Drawing#	Date
37	38908--PB2		08002034	01/02/08
38	38909--PB3		08002035	01/02/08
39	38910--PB4		08002036	01/02/08
40	38911--PB5		08002037	01/02/08
41	38912--PB6		08002038	01/02/08

Seal Date: 01/02/2008

-Truss Design Engineer-
James F. Collins Jr.

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



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1TDT215-Z0102100401

Truss Fabricator: W.B. Howland
Job Identification: 4973-/BOWMAN RESIDENCE /GARY THOMPSON -- , FL
Truss Count: 2
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.38, 7.37.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 01/02/2008

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	38882--A11		08002039	01/02/08
2	38886--A15		08002040	01/02/08

ALPINE

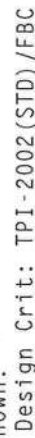


110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

not be cut or notched.

Fasten rated sheathing to one face of this frame.


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

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

TC LL	20.0 PSF
-------	----------

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC.	1.25
----------	------

SPACING	SEE ABOVE
---------	-----------

[illegible]

TABLE 1. *Continued*

[illegible]

[illegible]

1133

11

11

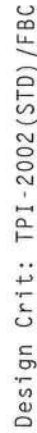
[illegible]

100

1

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

Wind reactions based on MWFRS pressures.



0810-030TV-1

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

TC	LL	20.0	PSE
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	<u>40.0 PSF</u>

DUR. FAC. 1.25

SPACING 24 0"

FROM CON
JREF - JTDJTJE ZO



James City, FL 33644
FL Certificate of Authorization # 0278

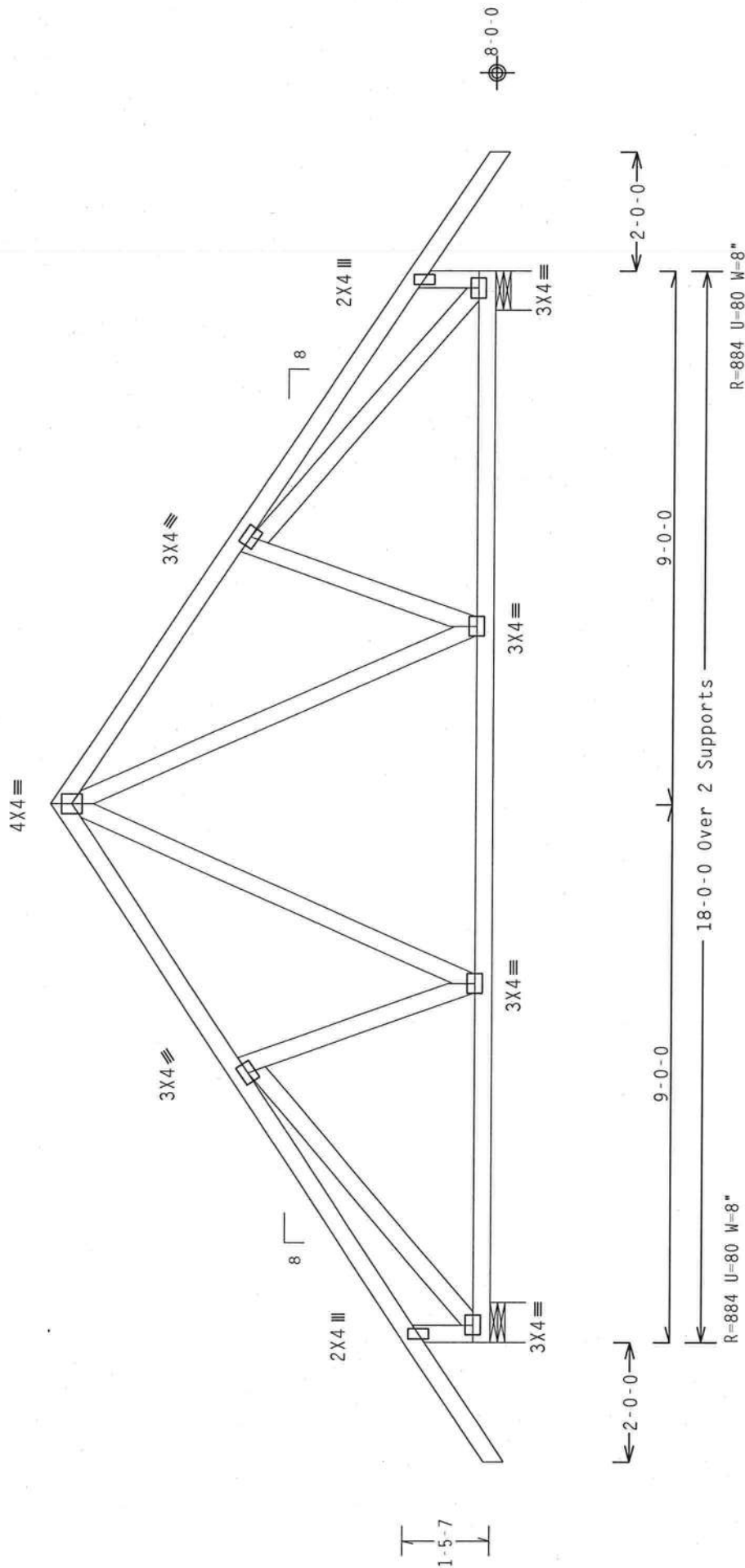
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 7-5-6.



Design Crit: TPI-2002(STD)/FBC

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

OTY:7

Scale = .375"/Ft.

FL/-/5/-/-/R/-		Scale = .375"/Ft.
TC LL	20.0 PSF	REF R215-- 38874

WARNING THUSSES REQUIRE EXTREME CARE IN POSITIONING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR PROPER USE OF THIS PRODUCT. ALL THUSSES MUST BE INSTALLED TO THE CRUSS PLATE INSTITUTE, 630 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314, AND NCA THUSSES TO THE CRUSS PLATE INSTITUTE, 918 ENTERPRISE LANE, MADISON, WI. 53719. IF YOU ARE NOT SURE HOW TO PERFORM THESE PRACTICES, CONSULT WITH ANOTHER THUSSE MANUFACTURER OR A PROFESSIONAL ENGINEER. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

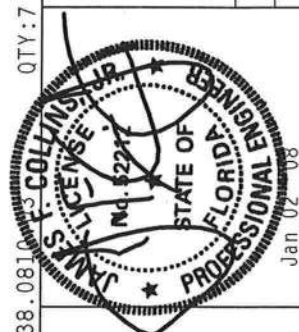
**** IMPORTANT ****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUUS IN CONFORMANCE WITH IPT-1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUUS.

CONTRACTOR SHALL PROVIDE ALL MATERIALS AND SUPPLIES. MATERIALS SHALL MEET THE FOLLOWING SPECIFICATIONS:

- STEEL PLATES: ASTM A663 GRADE 50/60 CM. (K7M/S8) GALV. STEEL. APPLICATION PER DRAMING POSITION PER DRAWINGS 160A-Z.
- WELDING: AS PER DRAMING POSITION PER DRAWINGS 160A-Z.

IF ANY INSPECTION OF PLATES FOLLOWED BY (1), SHALL BE PER AN 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/IPT-1 SEC. 2.

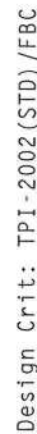


ITTW Building Components Group, Inc.
Haines City, FL 33844
L Certificate of Authorization # 0 278

Halles City, FL 33844
L Certificate of Authorization #0 278

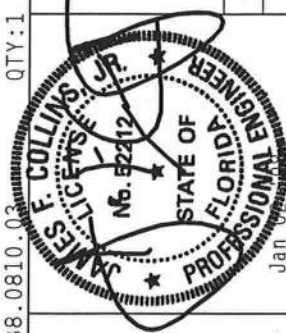
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



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

Scale = .375"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

TC LL	20.0 PSF	REF	R215 -- 38875
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCU8R215 08002003
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	203997
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TD215 Z01

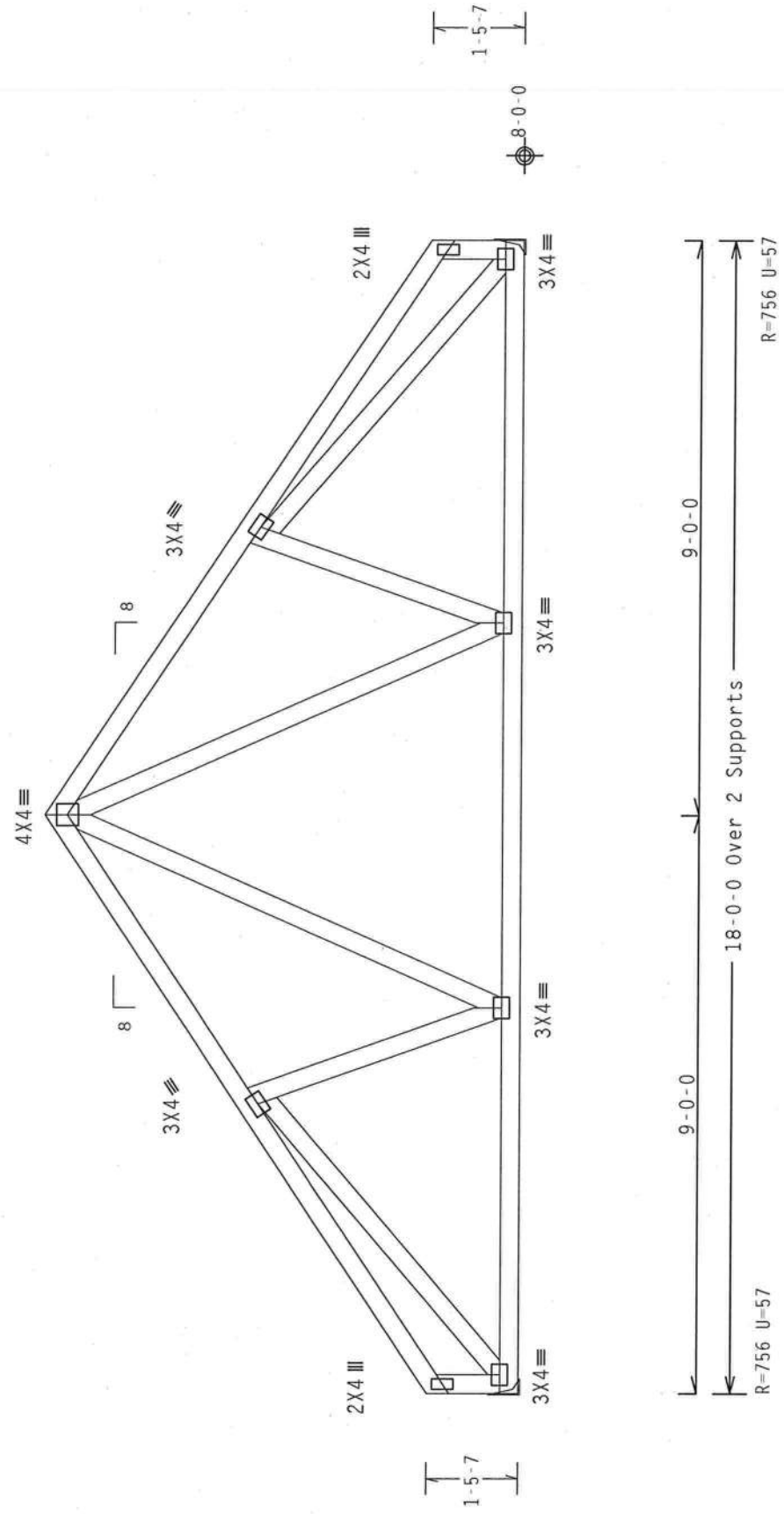
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 7'-5-6".



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 3	FL/-/5/-/-/R/-	Scale = .375"/Ft.
REF R215-- 38876	TC LL	20.0 PSF	
DATE 01/02/08	TC DL	10.0 PSF	
DRW HCUSR215 08002004	BC DL	10.0 PSF	
HC-ENG WHK/WHK *	BC LL	0.0 PSF	
SEQN- 204000	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1TD1215_Z01	SPACING	24.0"	



****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 NCA (NATIONAL 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 PLATES TO EACH FACE OF TRUSS AND CHORDS. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS 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 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @ 9.75" o.c.
 Bot Chord: 1 Row @ 12.00" o.c.
 Webs : 1 Row @ 4" o.c.

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

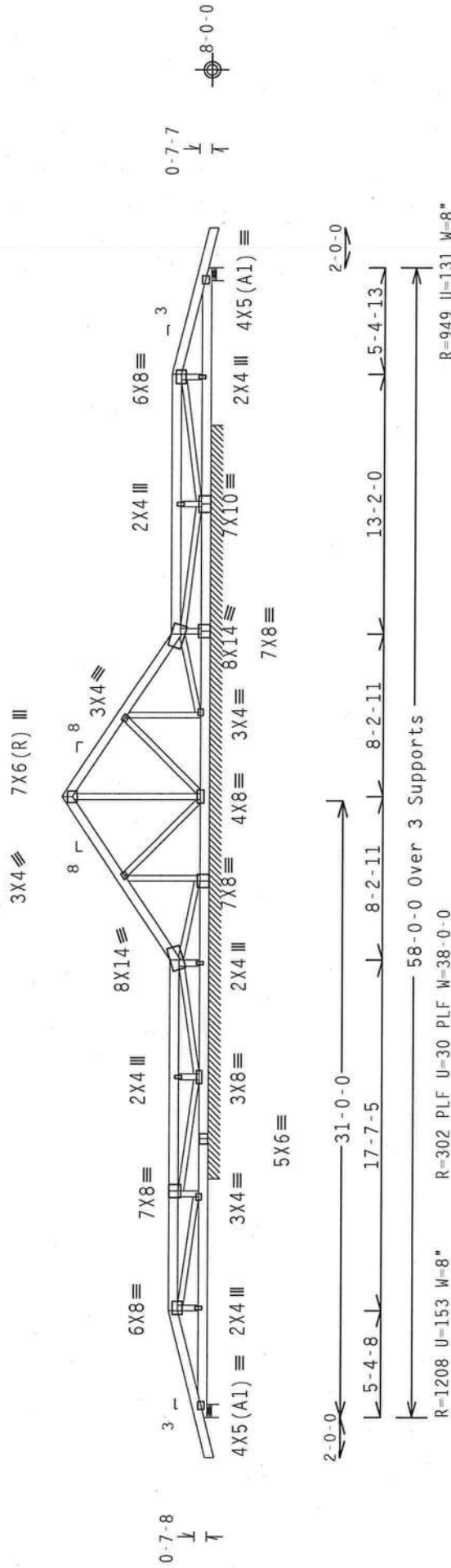
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

low.



Design Crit: TPI-2002(STD)/FBC

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

Scale = 125"/Ft

****WARNING**** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PAGES 10-11 FOR SAFETY INFORMATION. PUBLISHED BY THE CROSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304. © 1997, CROSS PLATE INSTITUTE OF AMERICA. ENTERPRISE LANE, MADISON, MI 48210. F01 527101 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

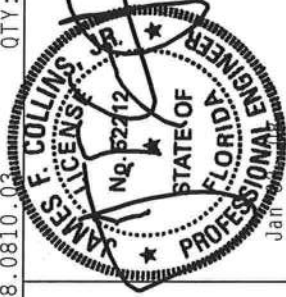
IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VARIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THESE OR PARTICIPATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGNER'S ASSUMPTIONS AND PROVISIONS OF THIS NATIONAL DESIGN SPEC., BY ACAPD) AND TPI. ITW BCG HAS MADE NO VERIFICATION OF THE QUALITY OF MATERIALS OR WORKMANSHIP ON PER DRINGS. HIGHLY RECOMMENDED THAT ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED IN FIG. TP1-2092-SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP1-2092-SEC. 3.

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

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANTI/TP1 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

FL Certificate of Authorization # 0278

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

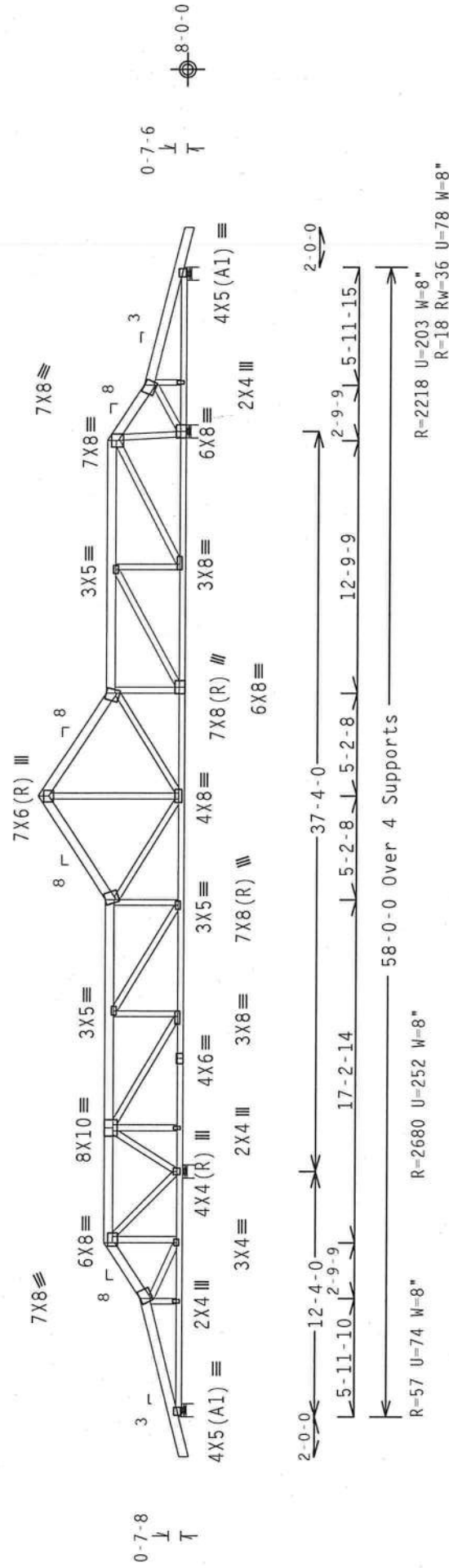
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

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

Wind reactions based on MWFRS pressures.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 7-5-6.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. MUST BE USED WITH PROPER SAFETY INFORMATION. PUBLISHED BY THE BRASS PLATE INSTITUTE, 210 NORTH LAKE STREET SUITE 600, CHICAGO, ILLINOIS 60606-7899 (PHONE) 312/321-1100 (FAX) 312/321-1101. INTERSTATE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PLEASE REFER TO PERMITTING AGENCIES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIBTID CELLING.

[illegible]

TC LL	20.0	PSF	REF R215-- 38878
TC DL	10.0	PSF	DATE 01/02/08
BC DL	10.0	PSF	DRW HCUR215 08002015
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 204064
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TD7215 Z01

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

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

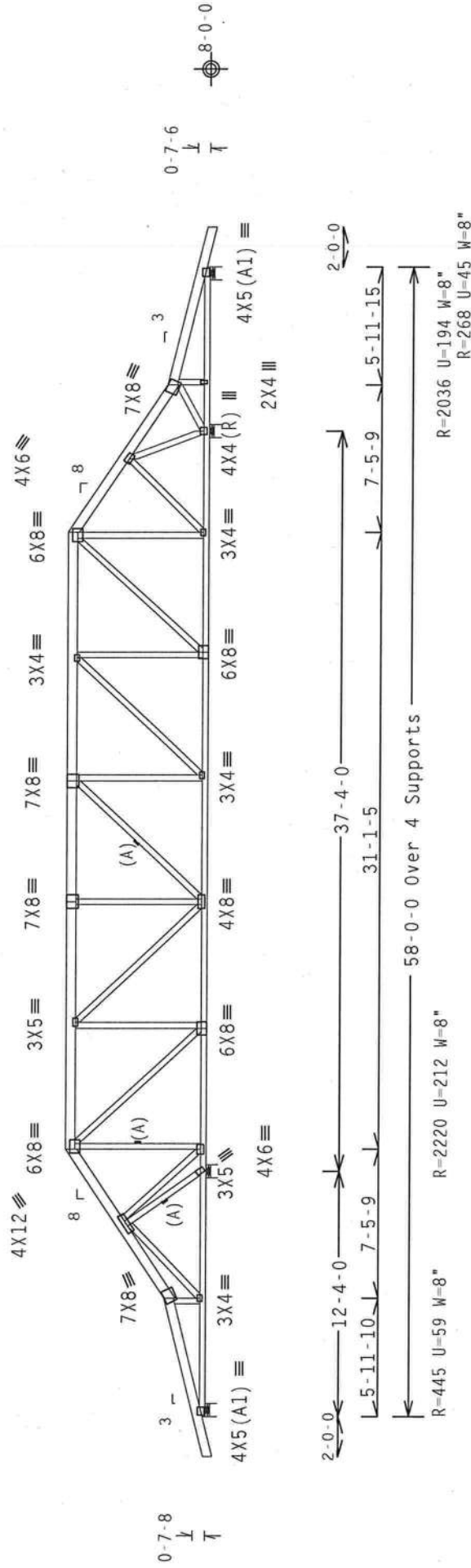
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

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

The overall height of this truss excluding overhang is 7-1-2.

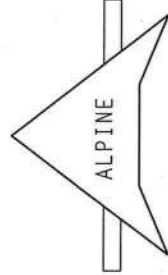


Design Crit: TPI-2002(STD)/FBC

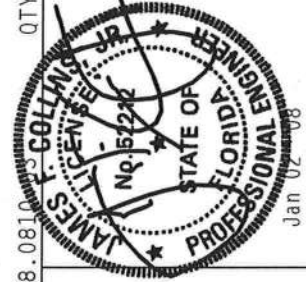
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

****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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

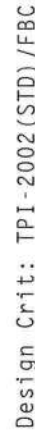


TC LL	20.0 PSF	REF	R215--	38879
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	08002016
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEON-	204068	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDT215_Z01	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 10-2-7.



Scale = .125" / Ft.

GC DL	10.0 PSF
GC LL	0.0 PSF
TOT.LD.	40.0 PSF
UR.FAC.	1.25
RACING	24.0"



TC LL	20.0	PSF	REF	R215--	38880
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002017
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	204074	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TD7215_Z01	

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

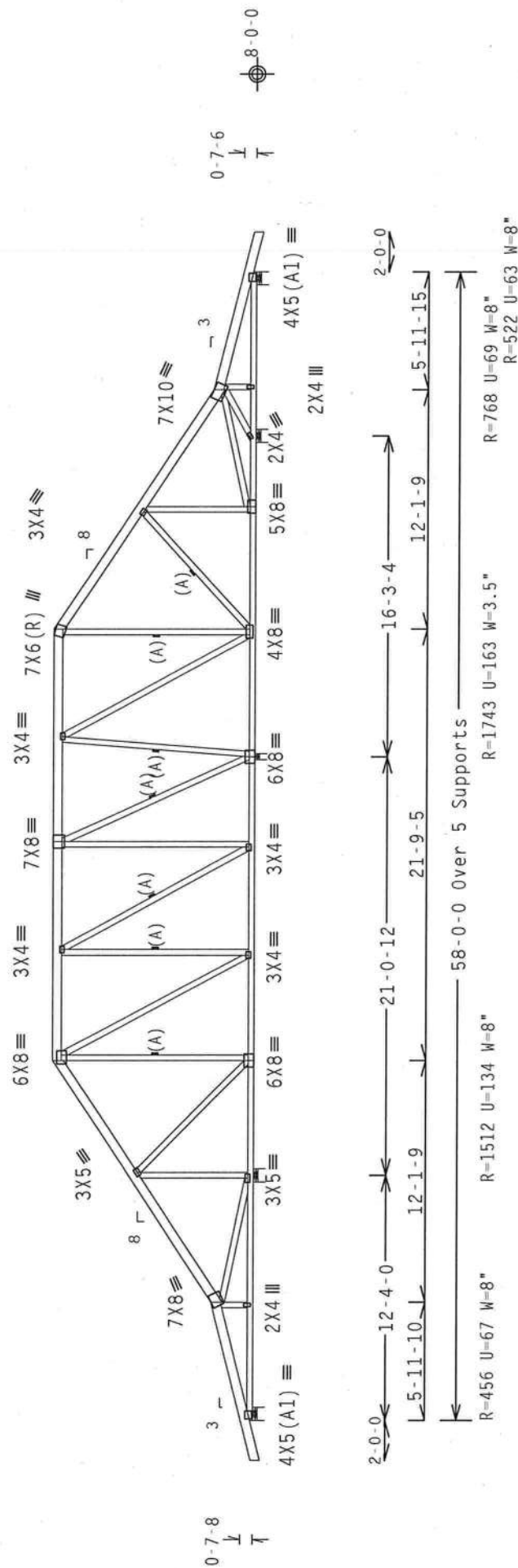
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

Wind reactions based on MWFRS pressures.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 10-2-7.



Design Crit: TPI-2002(STD)/FBC

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

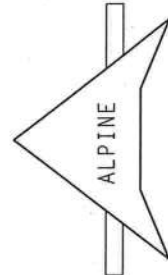
QTY:1 FL/-/5/-/-/R/-

Scale = 125"/Ft.

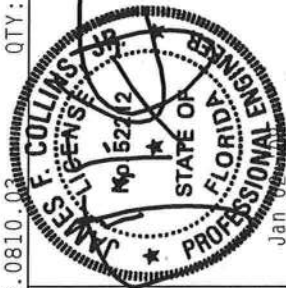
[illegible]

*****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 FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGNER: ITW BCG, INC. (255) 333-3333
PROJECT: STEEL APPLICATOR
CONNECTIONS: 2
POSITION: PER FABRICATOR
DATE: 12/2002
SCALE: ON THIS DRAWING
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTER 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 Certificate of Authorization # 0 278



TC LL	20.0	PSF	REF R215-- 38881
TC DL	10.0	PSF	DATE 01/02/08
BC DL	10.0	PSF	DRW HCUR215 08002018
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 204078
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TDT215 Z01

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 2 Rows @ 5.50" o.c. (Each Row)
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing at each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

11110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

** The maximum concentrated load is 9446#

NOTE: ALL LOADS MUST BE EVENLY DISTRIBUTED OVER ALL PLIES.

19446#
**
TO VERIFY AND APPROVE THE LOADING.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER OR JOB ENGINEER TO VERIFY AND APPROVE THE LOADING.

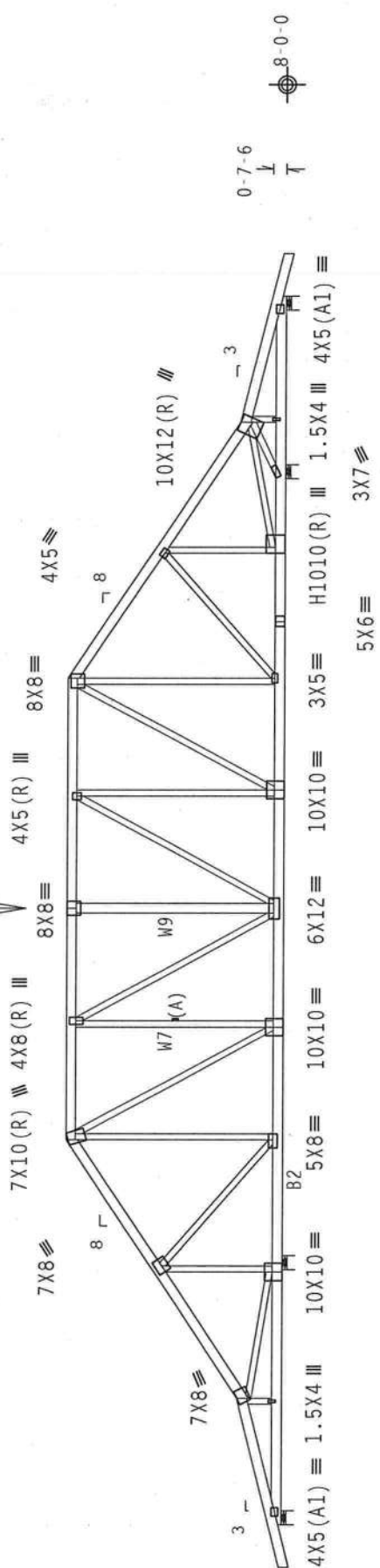
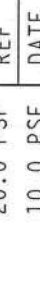


Diagram illustrating the layout of a bridge deck with various spans and dimensions:

- Spans: 12-4-0, 12-1-9, 21-9-5, 58-0-0 Over 4 Supports, 12-1-9, 12-1-9, 37-4-0, 2-0-0.
- Dimensions: R=670 U=72 W=8", R=13985 U=1503 W=8", R=9636 U=1036 W=8", R=1836 U=197 W=8".

Design Crit: TPI-2002(STD)/FBC

PLT TYP.	20 Gauge HS.Wave	7.37.0521	FL / - 5 / - / - R /	Scale = .125" / Ft.
QTY:	1	7.37.0521	FL / - 5 / - / - R /	
Cq/RT=	1.00 (1.25) / 0 (0)	7.37.0521	FL / - 5 / - / - R /	



ALPINE

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

L Certificate of Authorization # 278

****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 WICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****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 A RPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/166A (4-H/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 PER DRAWINGS 1600A-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.

Jan 02 '08

KAMES F. GULLINS
LICENSED P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TC LL	20.0	PSF	REF R215--	38882
TC DL	10.0	PSF	DATE	01/02/08
BC DL	10.0	PSF	DRW HCUSR215	08002039
BC LL	0.0	PSF	HC-ENG WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	11124 REV
DUR.FAC.	1.25		FROM	COM
SPACING	SEE ABOVE		JREF-	1TDT215_Z01

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

: Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.093'

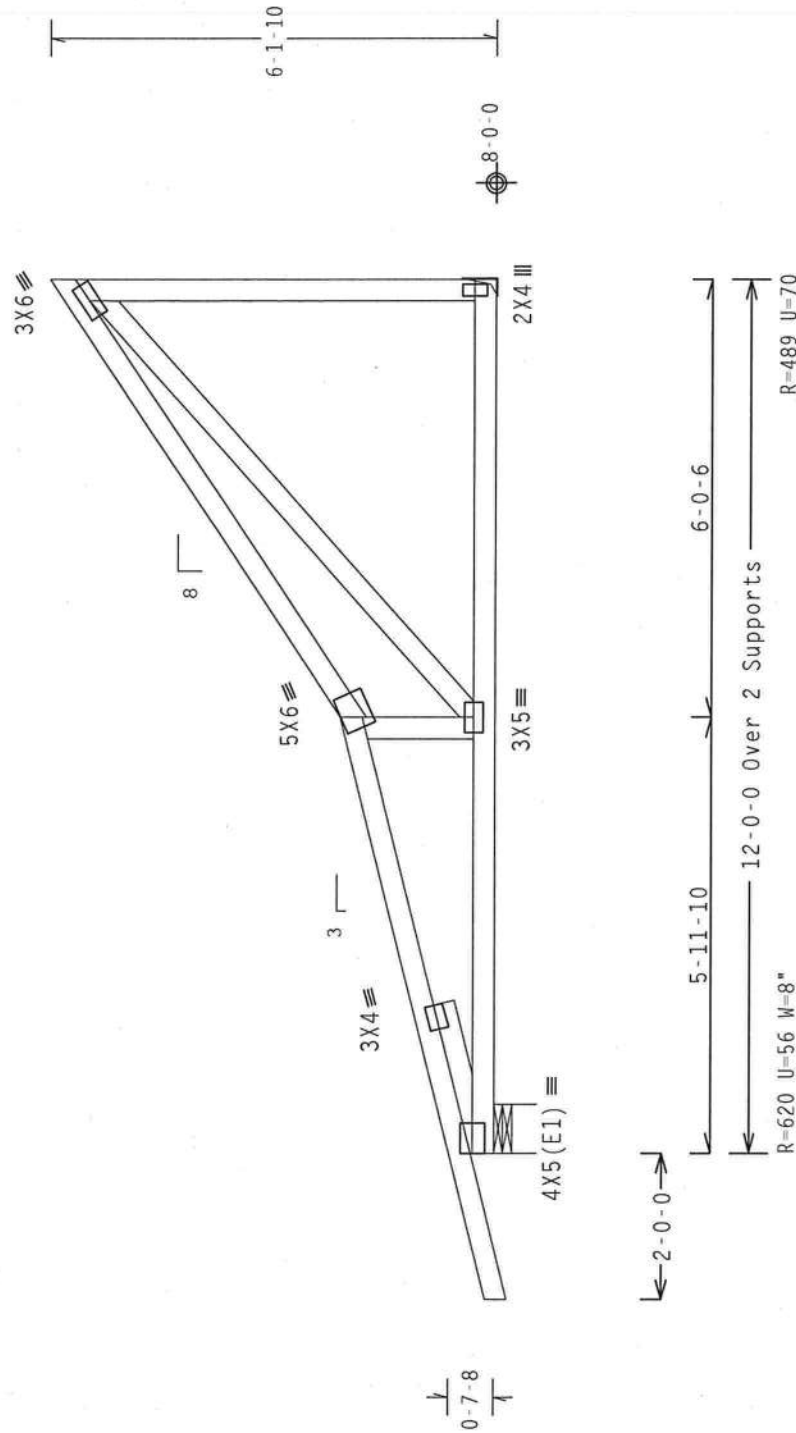
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-1-10.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

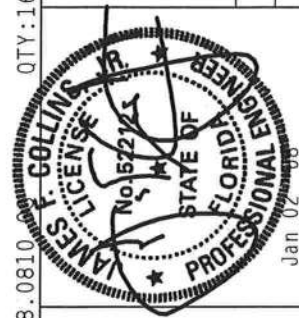
PLT TYP. Wave

810

0TY·16 EI / - / 5 / - / - / B / -

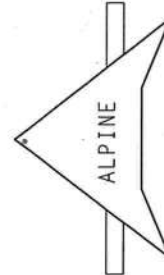
Scale = .375"/Ft.

TC LL	20.0	PSF	REF R215-- 38883
TC DL	10.0	PSF	DATE 01/02/08
BC DL	10.0	PSF	DRW HCUR215 08002019
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 203979
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TDT215 Z01



Jan

REF- 1TDT215 Z01



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

Haines City, FL 33844
FL Certificate of Authorization #0278

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

:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.142'

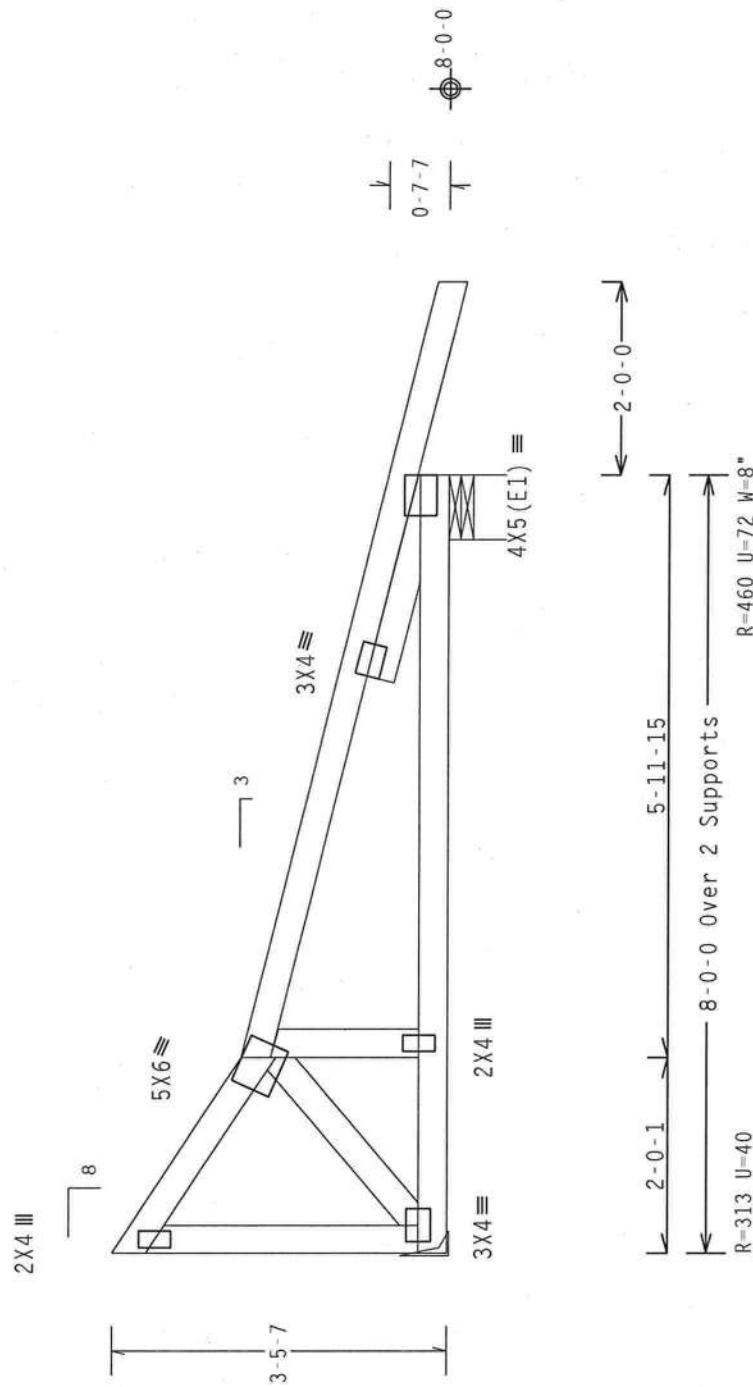
Left end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 3-5-7.

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

Scale = .5" / Ft.

QTY:11 FL/-/5/-/-/R/-/-

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

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 MANUFACTURER FOR FULL DETAILS. 2300 NORTH LEE STREET, SUITE 312, ALXANDRIA, VA 22314 AND VITA (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 PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

FL Certificate of Authorization #0278



REF R215-- 38884

DATE 01/02/08

DRW HCUSR215 08002020

HC-ENG WHK/WHK

SEON- 203985

FROM CDM

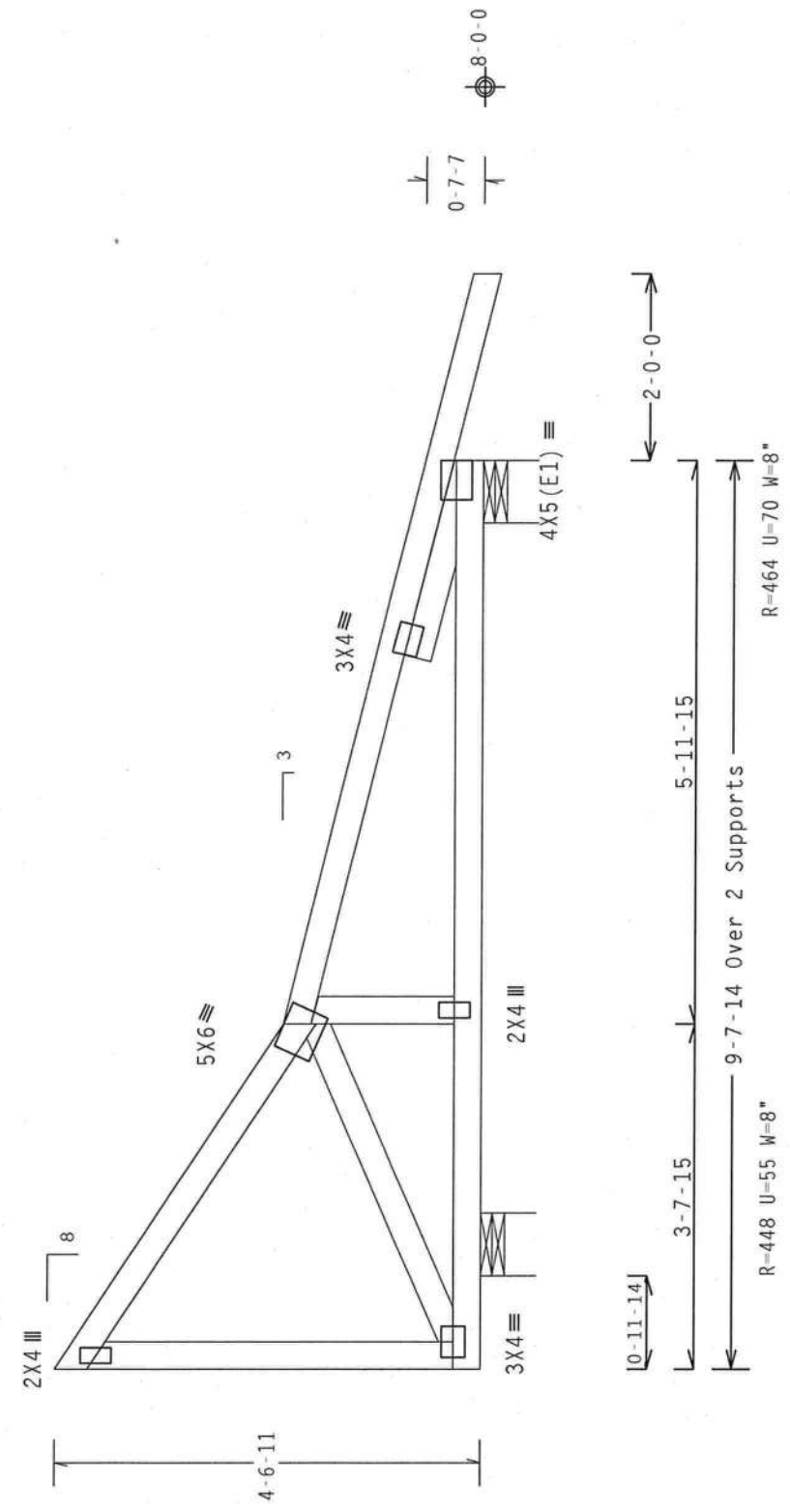
REF- 1TDT215 701

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.142'
Left end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 4-6-11.

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

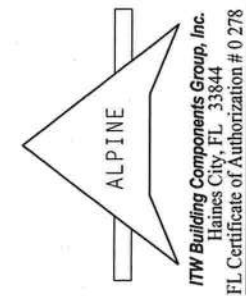
QTY: 4 FL/-/5/-/-/R/- Scale = .5"/Ft.

REF	R215--	38885
DATE	01/02/08	
DRW	HCUSR215	08002021
HC-ENG	WHK/WHK	
SEQN-	203982	
FROM	CDM	
JREF-	1TDT215_Z01	



****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, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NPGA (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 SHALL BE RESPONSIBLE FOR THE APPLICATION OF THE PROVISIONS OF 805 (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR THE APPLICATION OF THE PROVISIONS OF 4060 (4-87/155) GALV. STEEL. APPLY CONNECTION PLATES AND BRACING TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED PER PERMANENT DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 2. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR 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 2x6 SP #2 N :B2 2x6 SP #2 Dense:
Bot chord 2x6 SP #2 N :W7, W12 2x4 SP #2 Dense:
Webs 2x4 SP #2 N :W7, W12 2x4 SP #2 Dense:
W9 2x6 SP #2 N :

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation
of trusses. See "WARNING" note below.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.00 to 61 PLF at 5.97
TC - From 64 PLF at 5.97 to 64 PLF at 18.10
TC - From 591 PLF at 18.10 to 591 PLF at 39.87
TC - From 64 PLF at 39.87 to 64 PLF at 52.01
TC - From 61 PLF at 52.01 to 61 PLF at 60.00
BC - From 20 PLF at 0.00 to 20 PLF at 58.00
TC - 70 LB Conc. Load at 18.10
TC - 9446 LB Conc. Load at 28.99 **
TC - 70 LB Conc. Load at 39.87

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS
THE RESPONSIBILITY OF THE BUILDING DESIGNER OR JOB ENGINEER
TO VERIFY AND APPROVE THE LOADING.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 2 Rows @ 5.50" o.c. (Each Row)
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing
between rows and stagger nails in each row to avoid splitting.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. IW=1.00 GCPI(+/-)-0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

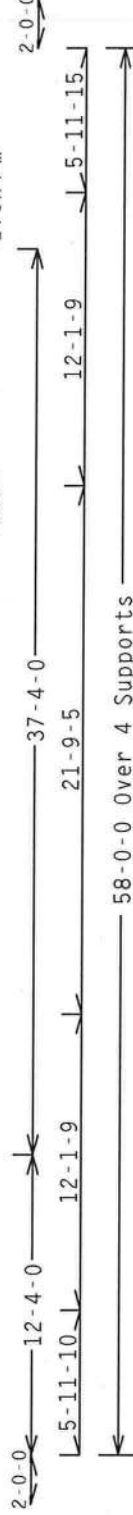
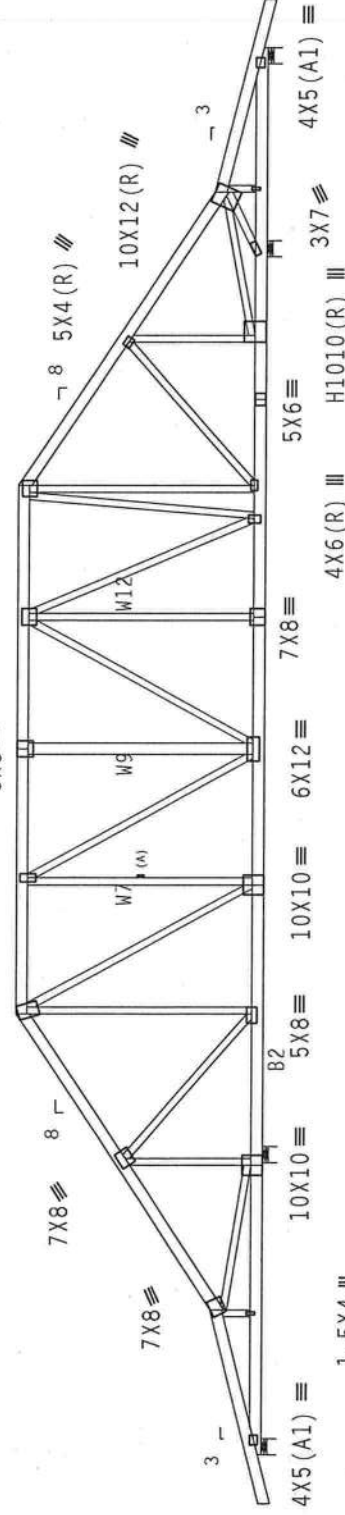
** The maximum concentrated load is 9446#

NOTE: ALL LOADS MUST BE EVENLY DISTRIBUTED OVER ALL PLIES.

7X10 (R) 4X8 (R) III

8X8 III 7X8 III 7X8 III

7X8 III 7X8 III 7X8 III



R-710 U=76 W=8" R-13921 U=1496 W=8" R-9707 U=1044 W=8" R=1789 U=192 W=8"

Design Crit: TPI-2002(STD)/FBC

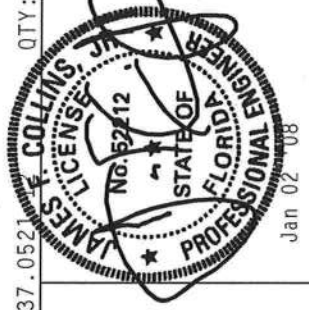
Cq/RT=1.00(1.25)/0(0)

7.37.0521

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

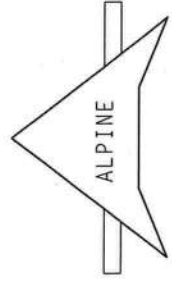
Scale =.125"/Ft.

REF R215-- 38886	TC LL 20.0 PSF
DATE 01/02/08	TC DL 10.0 PSF
DRW HCUSR215 08002040	BC DL 10.0 PSF
HC-ENG WHK/WHK	BC LL 0.0 PSF
SEQN- 11129 REV	TOT.LD. 40.0 PSF
FROM CDM	DUR.FAC. 1.25
JREF- 1TDT215_Z01	SPACING SEE ABOVE



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 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 FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH
THIS DESIGN. ANY FABRICATOR OR INSTALLER SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH
THIS DESIGN. 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 Certificate of Authorization #0278

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

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

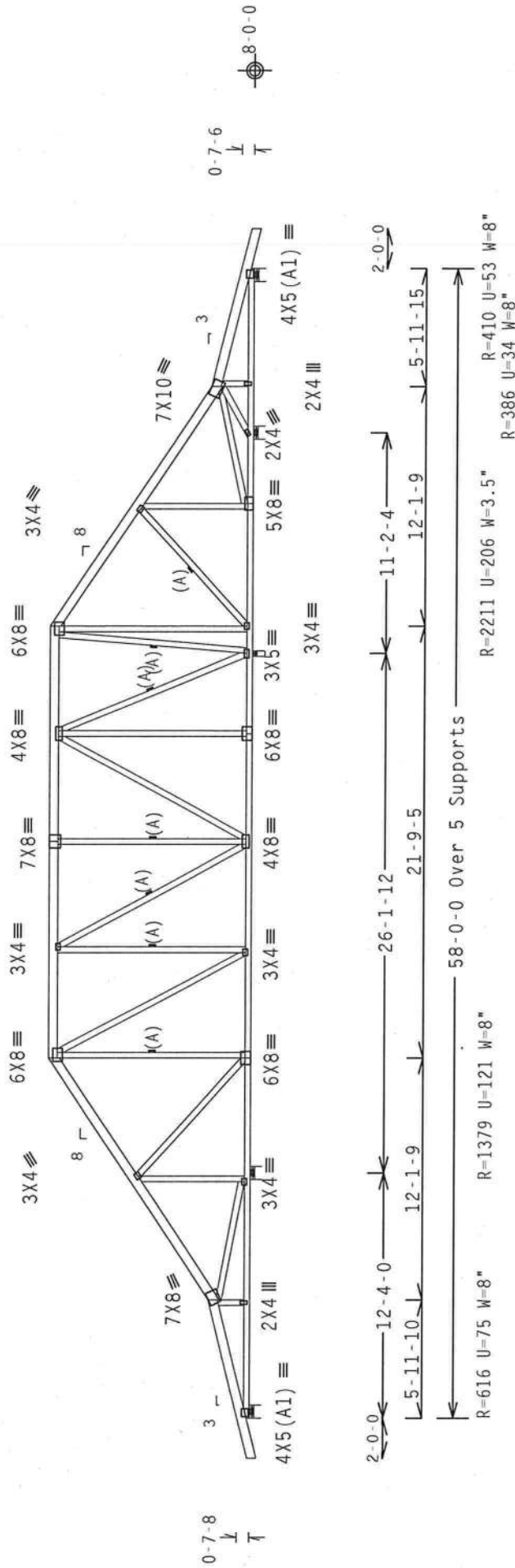
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. $I_w=1.00$ GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 10-2-7.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) /FBC

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

7.38.0810

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

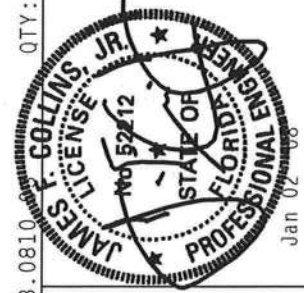
Scale =.125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MGA (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 THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. 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 Certificate of Authorization # 0 278

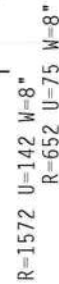


TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R215-- 38887
DATE	01/02/08
DRW	HCUSR215 08002022
HC-ENG	WHK/WHK
SEQN-	204102
FROM	CDM
JREF-	1TDT215_Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

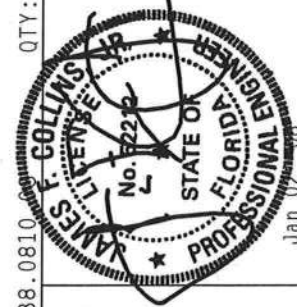
The overall height of this truss excluding overhang is 10-10-7.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTV:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

OTY.1 EL 1-151-1-1P1-

Scale = .125"/Ft.

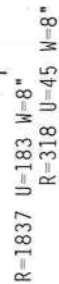


DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TDT215 Z01

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

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

The overall height of this truss excluding overhang is 4-7-12.


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

810 031

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

Scale = .125"/Ft.

*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. PLEASE TO: 2651 BOUTIQUE INFORMATION, PUBLISHED BY TPI CROSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-5229, AMERICA. 1-800-368-2222. IF YOU ARE AN OUTSIDE ENTERPRISE LABE, WADSWORTH, AL 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMANCE OF THIS FUNCTION. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

ITW Building Components Group, Inc.
Haines City, FL 33844
IL Certificate of Authorization # 0 278

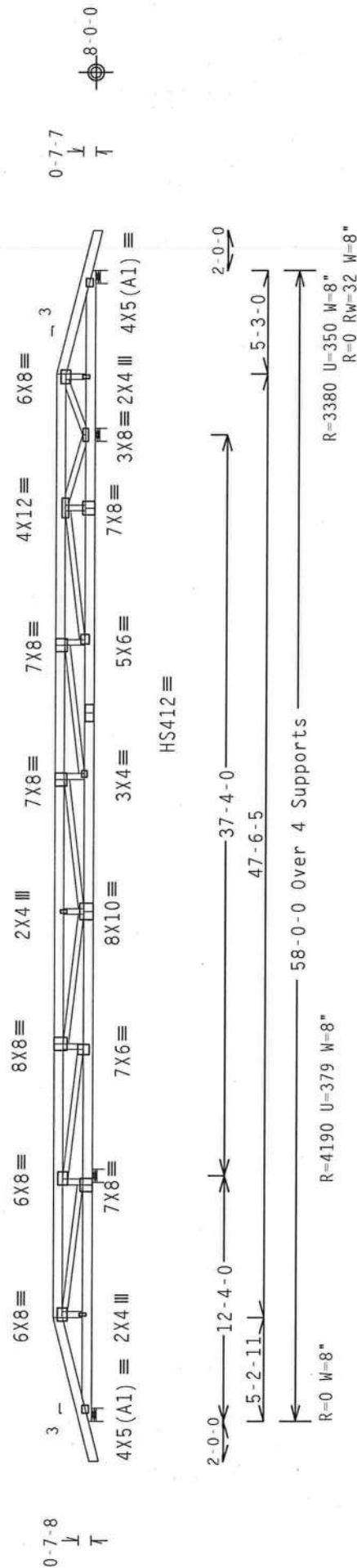
Haines City, FL 33844
L Certificate of Authorization # 0278

2 COMPLETE TRUSSES REQUIRED

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

#1 hip supports 5-2-11 jacks at left end and 5-3-0 jacks at right end. Jacks have no webs.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

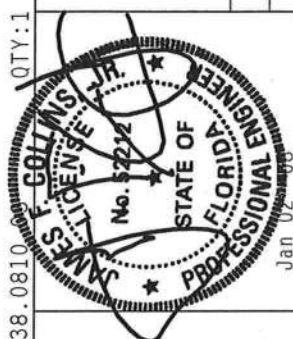


R=3380 U=350 W=8"
R=0 RW=32 W=8"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS, Wave

TC LL	20.0	PSF	REF	R215--	38891
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002026
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	204122	
DUR.FAC.	1.25		FROM	CDM	
SPACING	SEE ABOVE		JREF-	1TDT215	Z01



ALPINE

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

James City, FL 33844
FL Certificate of Authorization #0 278

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

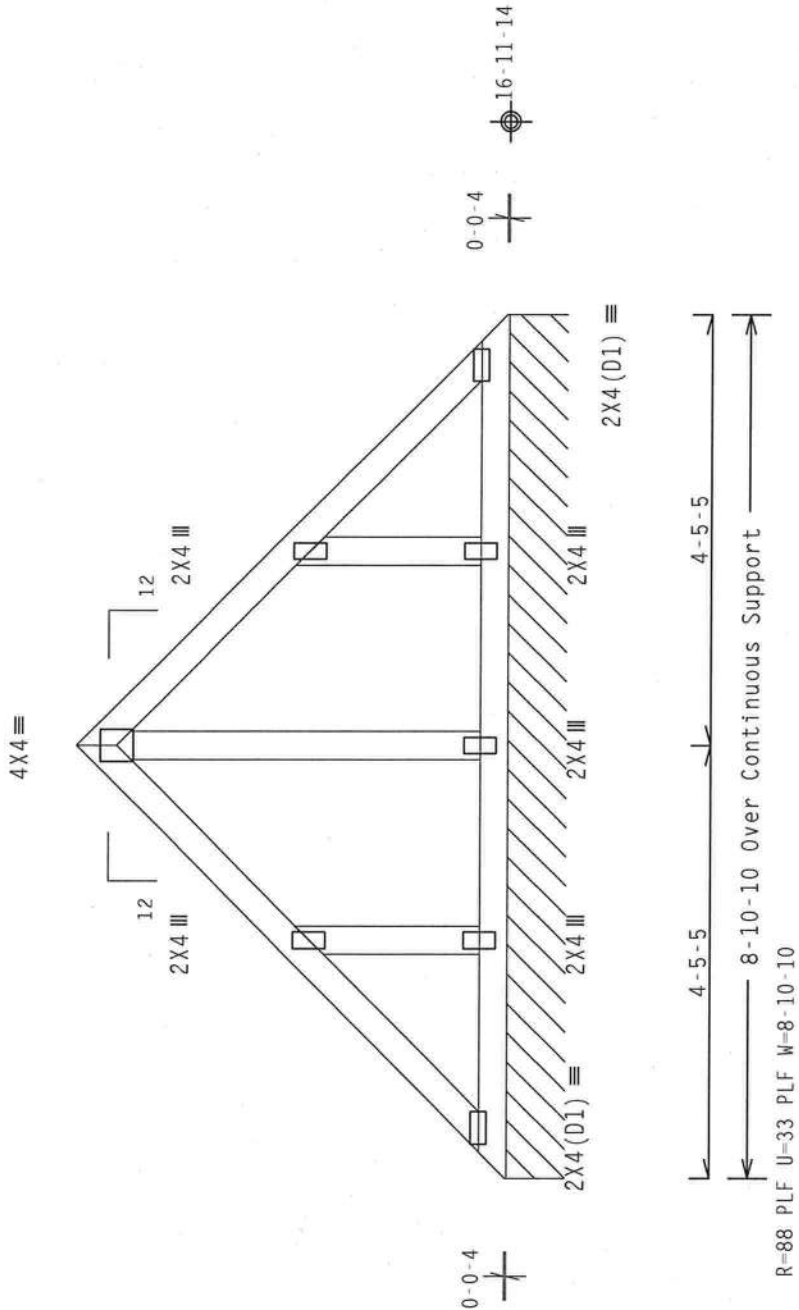
110 mph wind, 19.37 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Truss spaced at 24.0" OC designed to support 1-0-0 top chord
outlookers. Cladding load shall not exceed 0.00 PSF. Top chord must
not be cut or notched.

Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

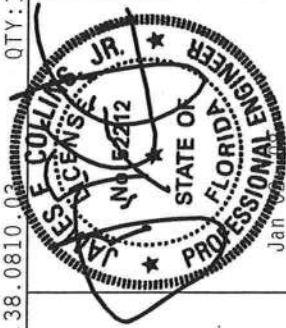
The overall height of this truss excluding overhang is 4-5-9.



Design Crit: TPI-2002(STD)/FBC

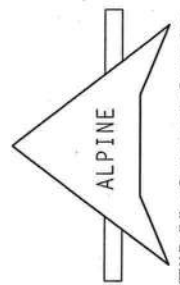
Scale = .5"/Ft.

TC LL	20.0	PSF	REF R215-- 38892
TC DL	10.0	PSF	DATE 01/02/08
BC DL	10.0	PSF	DRW HCUR215 08002005
BC LL	0.0	PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0	PSF	SEQN- 204125
DUR.FAC.	1.25		FROM CDM
SPACING	SEE ABOVE		JREF- 1TDT215_Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENTS, INC., STEEL DECKING PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ANDREWS, VA 22024, AND STEEL JOIST INSTITUTE, 100 ENTERPRISE LANE, MADISON, MI 48211 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****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR... ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELAYATIONS FROM THE ISSUING OF THIS DRAWING. THE TRUSS IN CONFORMANCE WITH THE DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-101 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 1TW BCG CONNECTOR PLATES ARE MADE OF 20X18X1/6GA (M-H/25X7K) ALUMINUM GRADE 40/60 (H, K/H-SS) GALV. STEEL. APPLY PLATES 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 ABEX 43 OF TPI-1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANHX/TPI-1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
L Certificate of Authorization # 0 278

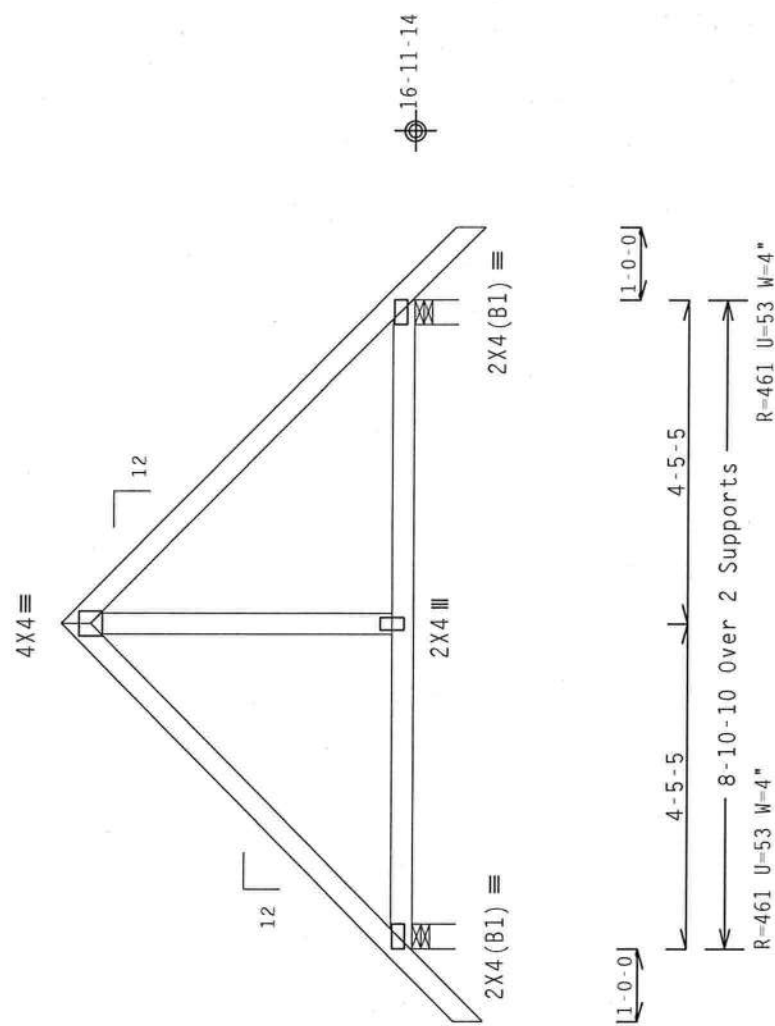
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 19.14 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-10-8.



Design Crit: TPI-2002(STD)/FBC

Scale = .375"/Ft.

QTY:3 FL/-/5/-/-/R/-

8.0810

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

PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	38893
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002006
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	204128	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDT215_Z01	

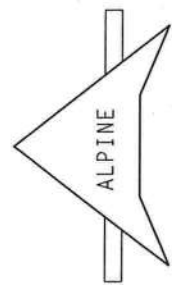


****WARNING**** TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TROSSES MUST BE PROPERLY SAFETY INSPECTED AND APPROVED PRIOR TO INSTALLATION. THIS PRODUCT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THOSE SPECIFICALLY INTENDED. FOR MORE INFORMATION, PUBLISHED BY TPI (CROSS PLATE SYSTEM), 4300 NORTH LEE STREET, SUITE 312, CHICAGO, ILLINOIS 60631, 312-462-1100. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, VISIT [WWW.TPIINC.COM](http://www.tpiinc.com). OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CORING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS BUILDING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATING, HANDLING, SHIPPING, INSTALLING, A BRACING OF BUSSES, JOINTS AND CONNECTORS. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI-1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (U/L/H/25X2) ALUM A653 GRADE 40/60 (M, K/H-55) GALV., STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-1-2002 SEC.2.

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 AMBIX/TPI-1 SEC. 2.



ITTW Building Components Group, Inc.
Haines City, FL 33844
L Certificate of Authorization # 0 278

Top chord 2x4 SP #2 N
Bot chord 2x8 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-10-8.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 68 PLF at 0.00 to 68 PLF at 8.89
BC - From 20 PLF at 0.00 to 20 PLF at 8.89
BC - 690 LB Conc. Load at 1.00, 2.68, 3.87, 4.59, 6.35, 7.82

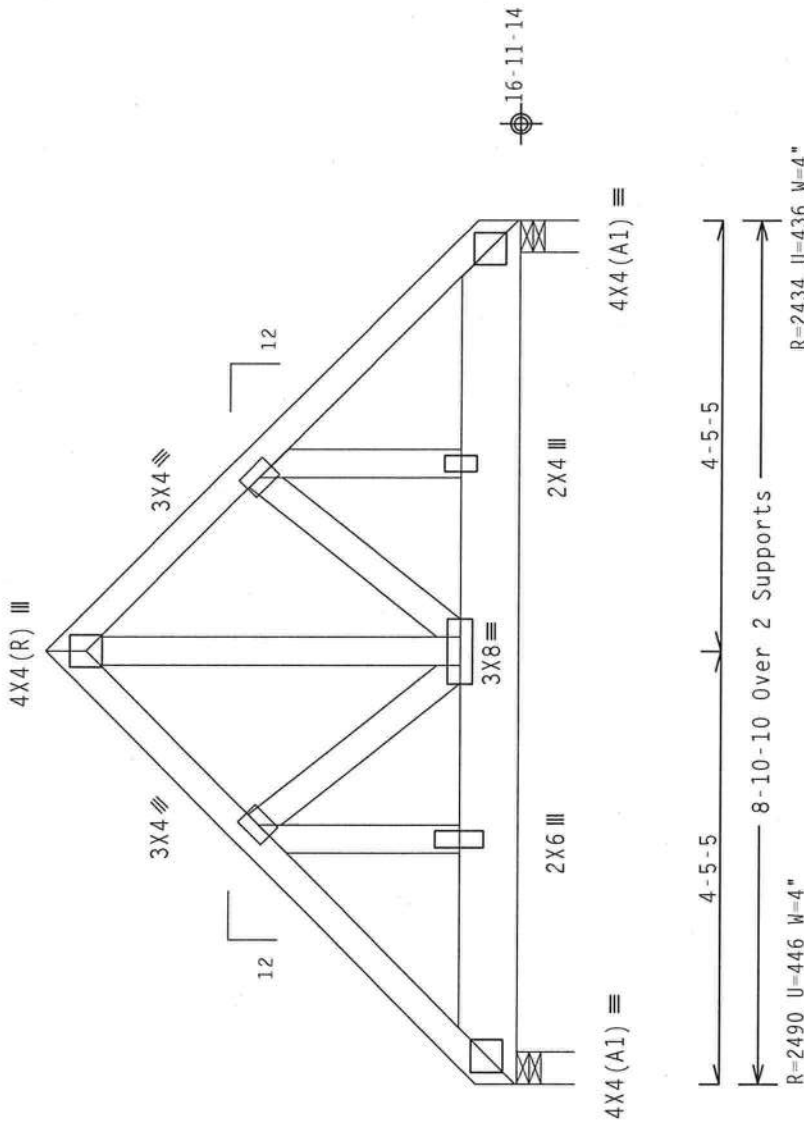
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @3.25" O.C.
Webs : 1 Row @ 4" O.C.

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

110 mph wind, 19.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1

FL/-5/-/-R/-

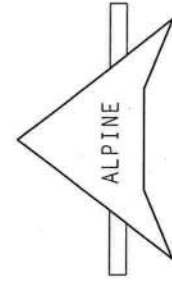
Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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 FURNISHES TRUSSES AND PLATES TO EACH PART OF THE TRUSS. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANOTHER TRUSS 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	REF	R215--	38894
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	08002027
BC LL	0.0 PSF	HC	ENG WHK/WHK	
TOT.LD.	40.0 PSF	SEQN	204133	
DUR.FAC.	1.25	FROM	CDM	
SPACING	SEE ABOVE	JREF	1TDT215_Z01	



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

FL Certificate of Authorization # 0 278

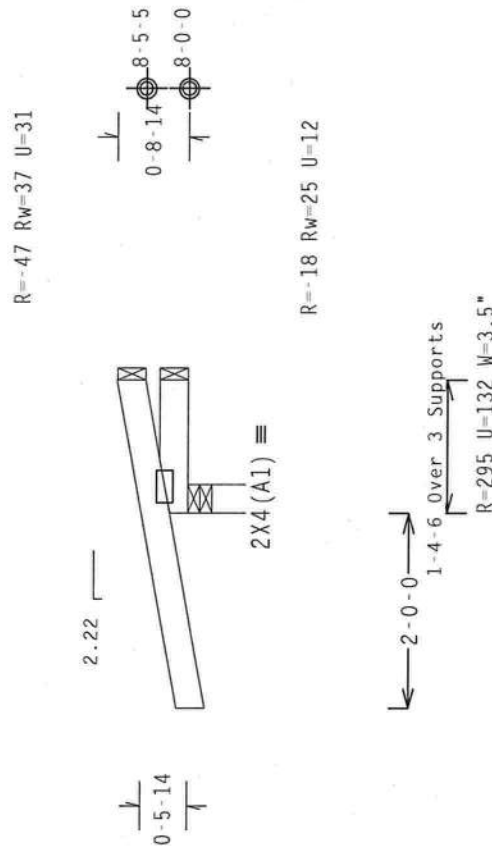
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

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

Wind reactions based on MWFRS pressures.

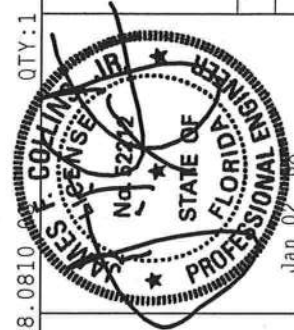
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 0-8-14.

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

Scale = .5"/Ft.

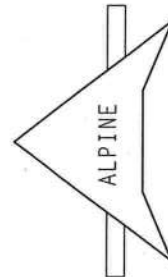
TC LL	20.0	PSF	REF	R215 - -	38895
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002041
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	204039	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TDT215	Z01



lan 0/

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO BESS) CONSULT COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH WILSON ST., SUITE 316, ALABAMA CITY, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53705). FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID FEELING.

****IMPORTANT****URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITR BCG DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ALL TRUSS MEMBERS SHALL BE GRADES #1 OR #2 (ASTM A992). GALV. STEEL PLATES TO EACH FACE OF TRUSSES UNLESS OTHERWISE LOCATED ON PERMIT. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TP11-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS BUILDING DESIGN. USE AND ABUSE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI-1 SECTION 6.



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

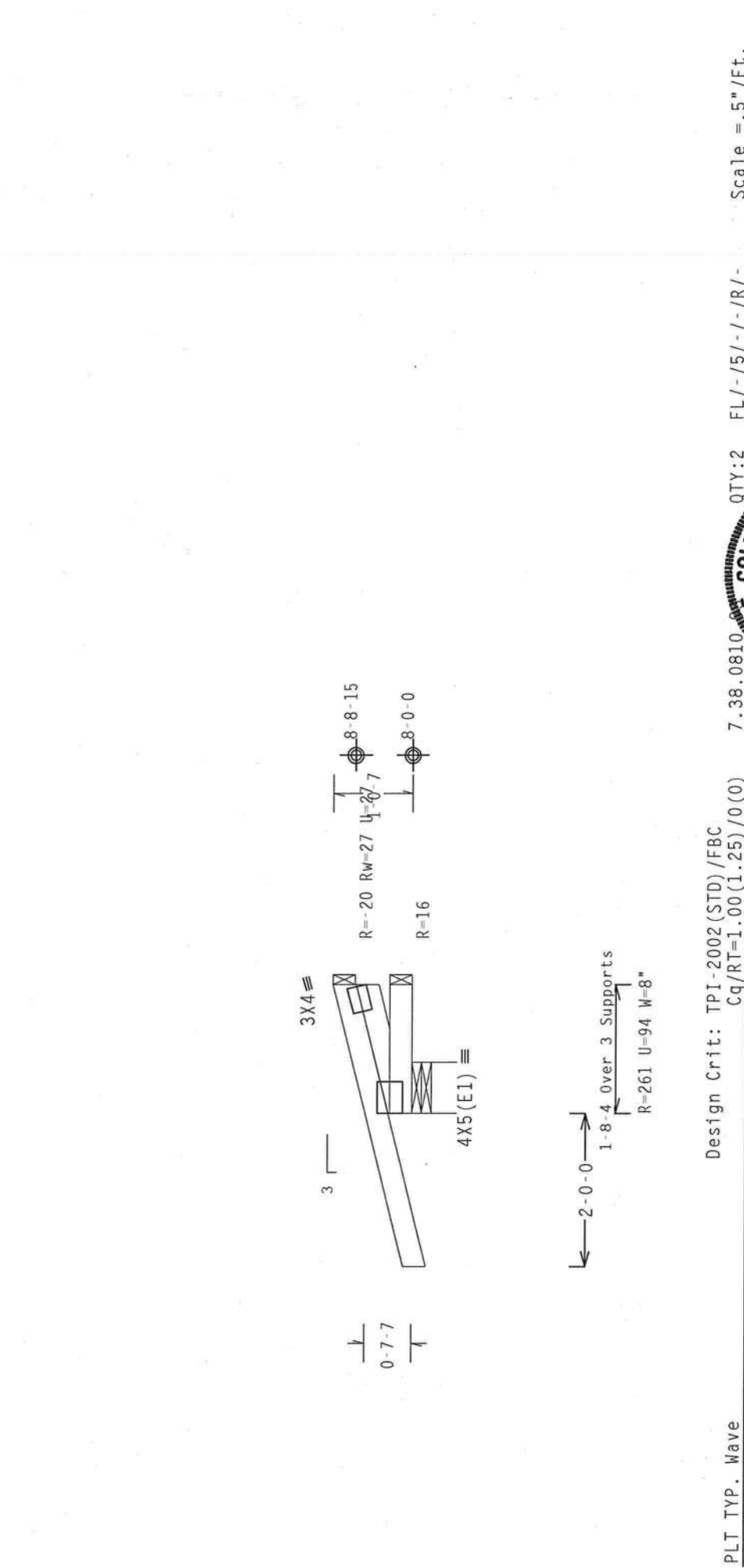
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.746'

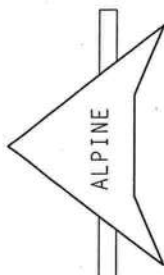
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1'-0"-7."

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 G_{cp1}(+/-)=0.18

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

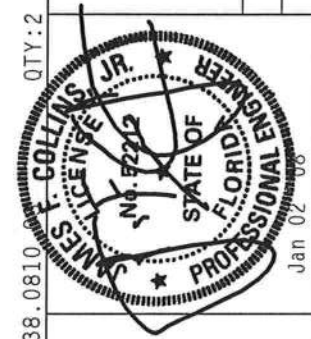


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

7.38-0810 QTY:2 FL/-5/-/-R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R215--	38896
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	08002028
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	204048	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TD1215_Z01	



Jan 02 08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NITCA (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 PLATING PLATES ARE MADE OF 20/10/10GA (W/55%) ASH A553 GRADE 40/60 (W/ K/H.55) GALV. STEEL. APPLY PLATING TO ALL EXPOSED SURFACES UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY SIGNATURE OF PROFESSIONAL ENGINEER 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 ABSI/TPI 1 SEC. 2.

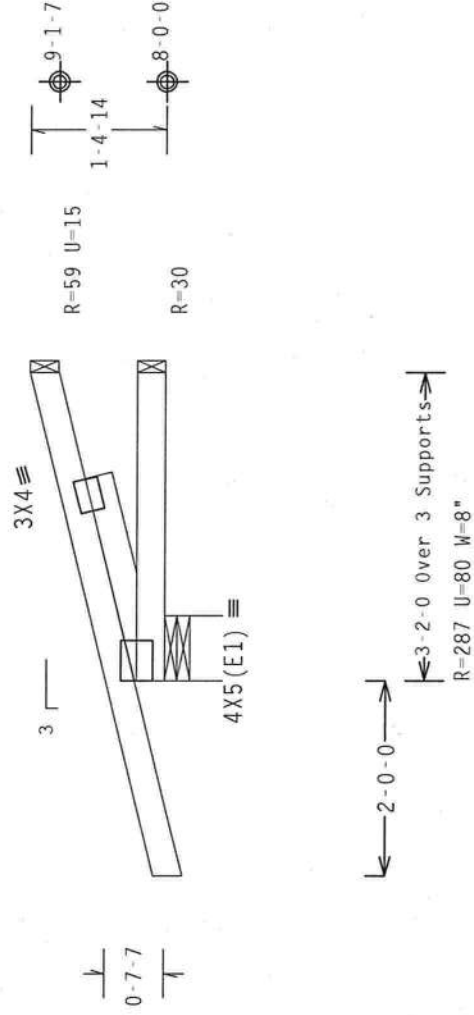
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
:Lt	Slider	2x4	SP	#2	N

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-4-15.

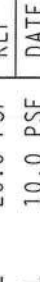


Design Crit: TPI-2002 (STD) / ERO

PLT TYP. Wave

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

Scale = .5"/Ft.



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

FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BG51 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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 AIA/P/A) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/55/2K) ASTM A653 GRADE 40/60 (N- K/H-55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) 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.



Jan 2008

TC LL	20.0	PSF	REF	R215--	38897
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002007
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	204045	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TD215_Z01	

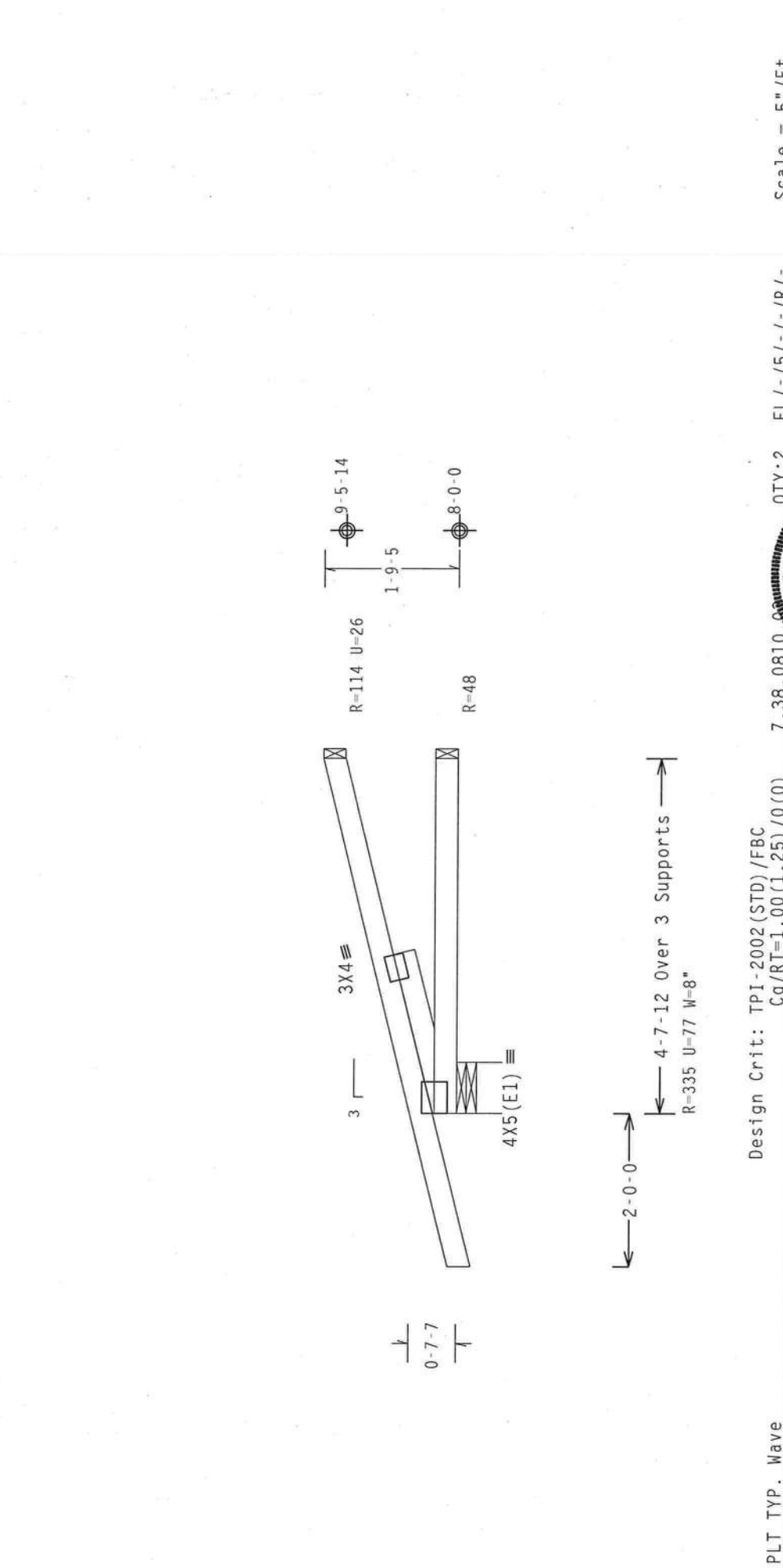
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 2.142'

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

The overall height of this truss excluding overhang is 1-9-6.

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

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0278

JAMES F. GOLLINS, JR.
No. 62212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

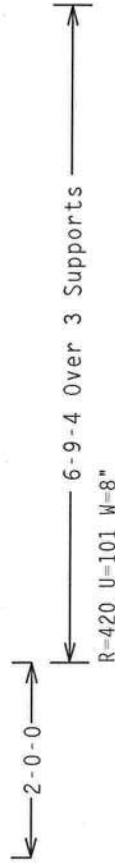
Jan 02

REF	R215--	38899
DATE	01/02/08	
DRW	HCUSR215	08002009
HC-ENG	WHK/WHK	*
SEQN-	204042	
FROM	CDM	
JREF-	1TD7215_Z01	

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

Wind reactions based on MWFRS pressures.

Wind reactions based on MWFRS pressures.



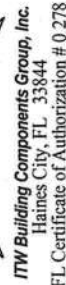
QTY:2 FL/-/5/-/-/R/-
Scale = .5"/Ft.

810

WARNING PROCESSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEETH BREST CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY TPI (TROSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 212, CHICAGO, ILL. 60604) MUST BE READ AND UNDERSTOOD BY ALL PERSONNEL. ENTERPRISE LANE, MADISON, MI 48710, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMING.

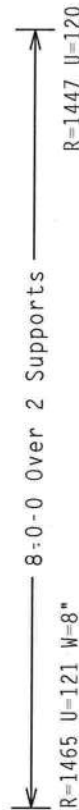
****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN OR CONFORMS WITH, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH, APPLICATION OF NATIONAL DESIGN SPEC. BY AISPS) AND TPT. ITW BCG CONNECTOR PLATES ARE MADE OF 7050-T6 ALUMINUM UNLESS OTHERWISE LOCATED ON THIS DOCUMENT. PER ANS-23, THIS PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DOCUMENT, PER ANS-23, THIS DRAMING 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.



A circular professional engineer seal for James F. Collins, Jr., State of Florida, License No. 52272. The seal is dated Jan 02 '08. The seal is stamped over the bottom portion of the drawing, partially obscuring the title block and the bottom of the drawing area.

The overall height of this truss excluding overhang is 1-11-10.



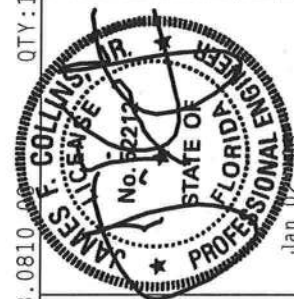
Design Crit: TPI-2002(STD)/FBC

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

OTY:1 FI / - / 5 / - / - / R / - / -

Scale = 5"/Ft

TC LL	20.0 PSF	REF	R215--	38901
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	08002029
BC LL	0.0 PSF	HC-ENG WHK/WHK		
TOT.LD.	40.0 PSF	SEQN-	204012	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDT215 Z01	



lar

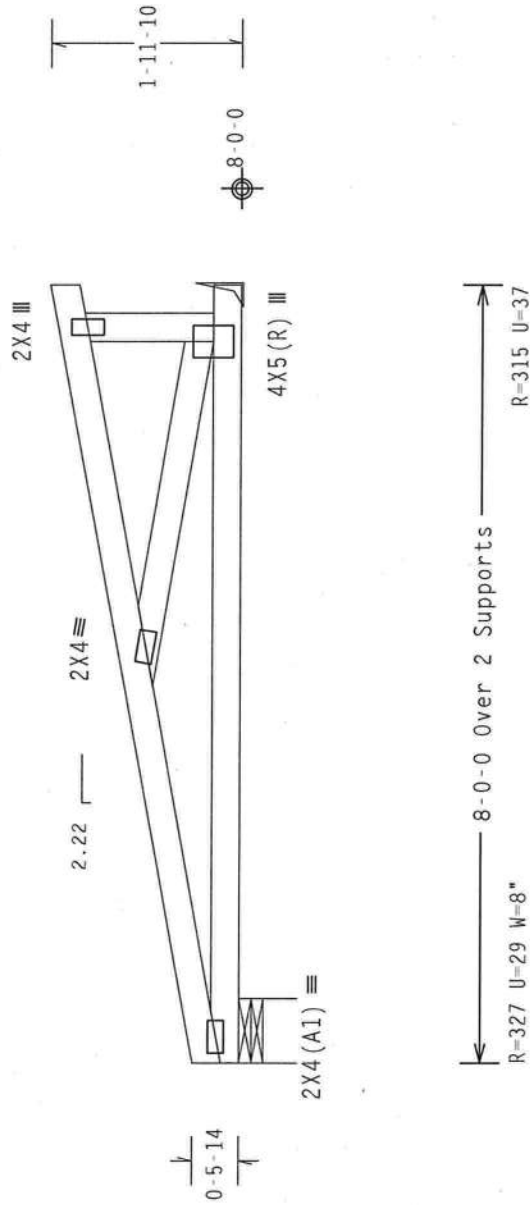
James City, FL 33844
FL Certificate of Authorization # 0 278

Top chord	2x4	SP	#2
30t chord	2x4	SP	#2
Webs	2x4	SP	#2

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

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

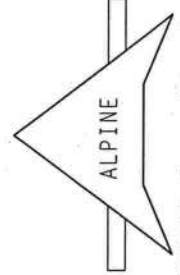
The overall height of this truss excluding overhang is 1-11-10.



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

****WARNING**** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
BEST PRACTICES FOR THE PROPER USE OF THOSSES:
NORTH LEE STREET, SUITE 212, AUSTIN TEXAS 78701
ENTERPRISE LLC, MADISON, WI 53719
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

*****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 COULD BE THE RESULT OF A DESIGN ERROR, OMISSION, OR BRACING OF TRUSSES. THE TRUSS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC 360, AISC 360M, AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/116GA (W/ASTM) ASTM A663 GRADE 40/60 (L X W) S5 GALV. STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX 43.3 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 ASTM/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
L Certificate of Authorization # 0 278

TC LL	20.0 PSF	REF	R215 -- 38902
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCU2R215 08002011
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN -	204021
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1TDI215_Z01

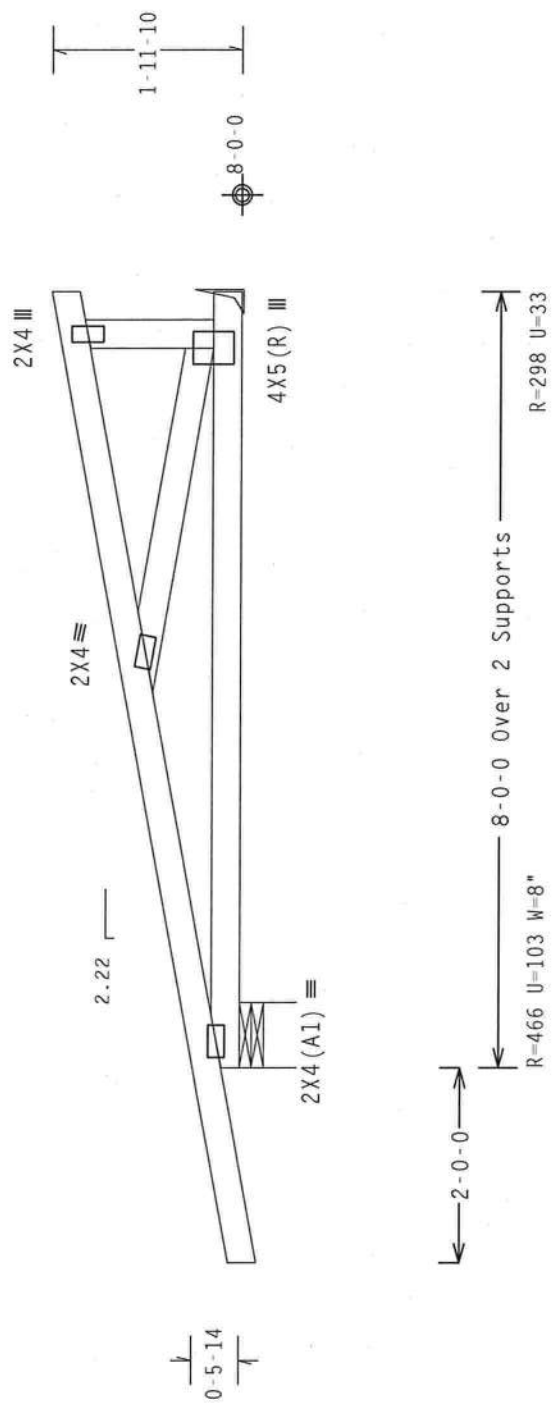
Top	chord	2x4	SP	#2	N
30t	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

11110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-) 0.18

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

The overall height of this truss excluding overhang is 1-11-10.

wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

QTY:14 FL/-/5/-/-/R/-/

PLT TYP. Wave

[illegible]

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

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

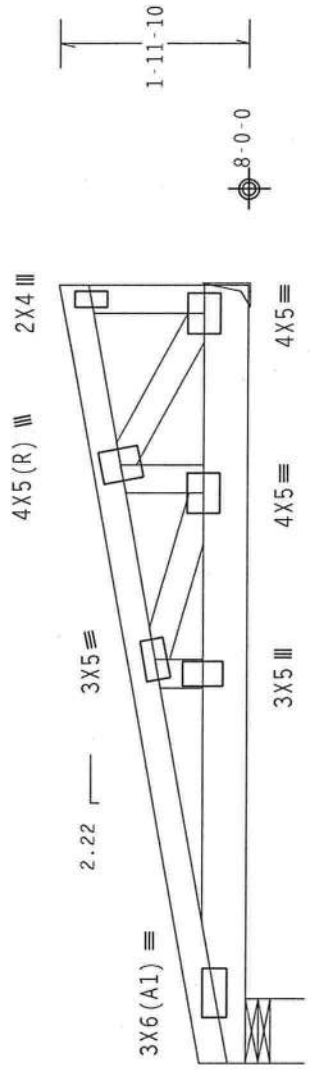
Wind reactions based on MMFRS pressures.

SPECIAL LOADS

---(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 8.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.00
BC - 756 LB Conc. Load at 2.06, 4.06, 6.06

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

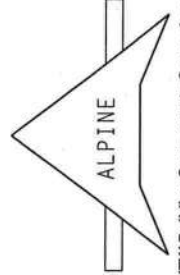
The overall height of this truss excluding overhang is 1-11-10.



8-0-0 Over 2 Supports
R=1465 U=121 W=8"
R=1447 U=120

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

	QTY: 1		FL/-/5/-/-/R/-	Scale = .5"/Ft.
	TC LL	20.0 PSF	REF R215--	38904
	TC DL	10.0 PSF	DATE	01/02/08
	BC DL	10.0 PSF	DRW HCUSR215	08002030
	BC LL	0.0 PSF	HC-ENG WHK/WHK	
	TOT.LD.	40.0 PSF	SEON-	204007
DUR.FAC.			FROM	CDM
SPACING			JREF-	1TDT215_Z01



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Top chord 2x4 SP #2 Dense

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

: Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 3.610'

Hipjack supports 6-5-0 setback jacks with no webs.

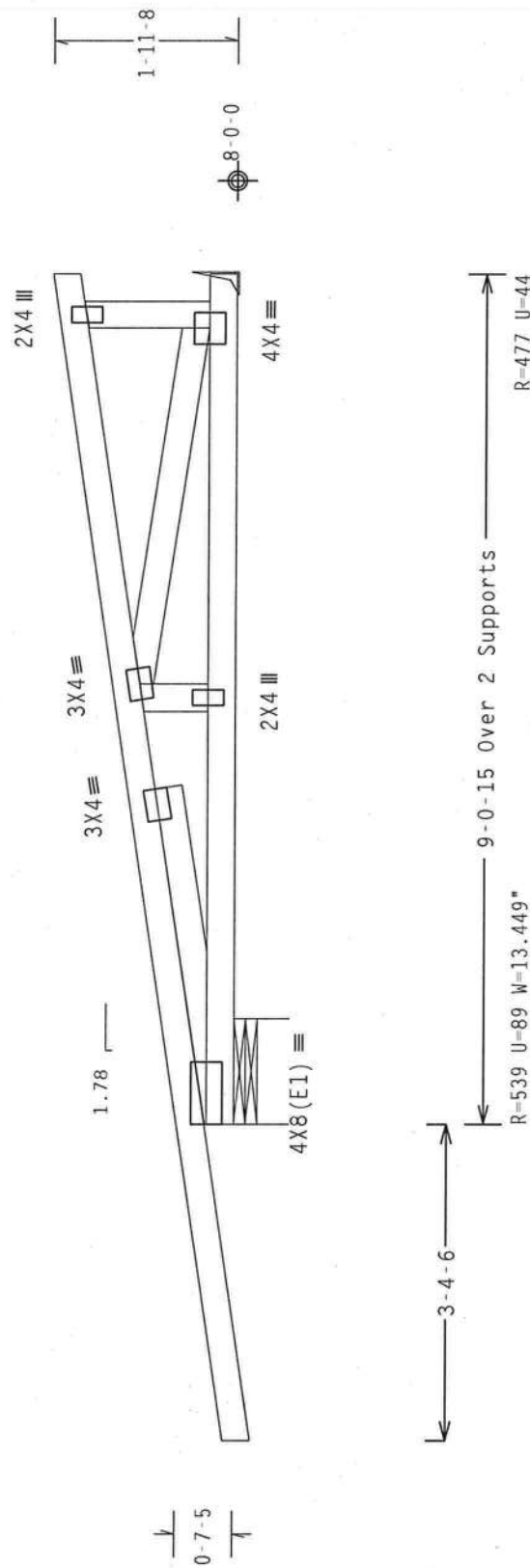
Top chord overhangs have been checked only for loads as indicates.
Overhangs not checked for man loads or long-term deflection.

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 1-11-8.



Design Crit: TPI-2002(STD)/FBC

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

081023 cont. QTY:1

Scale = .5"/Ft.

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS BUILDING COMPANY SAFETY INSTRUCTIONS, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 ENTERPRISE LANE, MADISON, WI 53713, AND AISC (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRECAUTIONS PERTAINING 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 DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGNER'S INTENT, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONSIDERATIONS: PROVIDE ANCHORAGE OF JOINTS (NATIONAL DESIGN SPEC., BY AFAPCA) AND TPI. ALL CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM. NORTH AMERICA GRADE 40/60 (N. &/N-SS) GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 160A-Z. PROVIDE PROTECTIVE COATING TO ALL EXPOSED SURFACES.

INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PERMANENT RECORD OF THIS INSPECTION. THIS INSPECTION DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPLETION OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authorization # 0278

L Certificate of Authorization # V Z 10

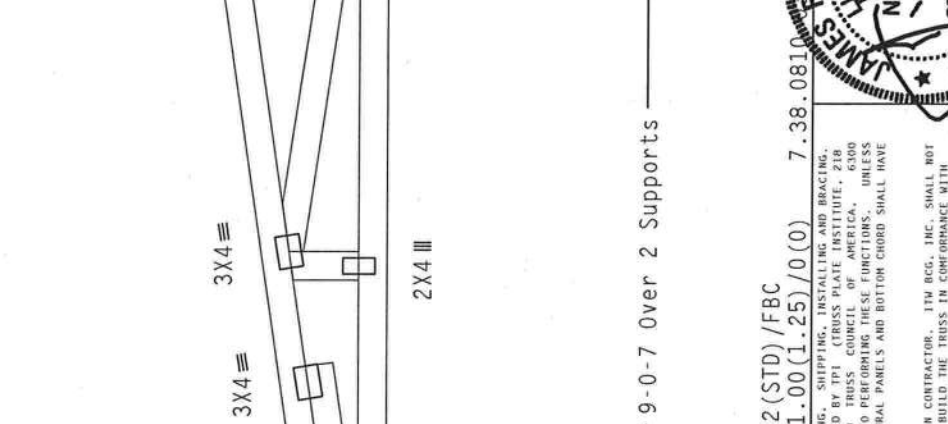
TC LL	20.0	PSF	REF R215-- 38905
TC DL	10.0	PSF	DATE 01/02/08
BC DL	10.0	PSF	DRW HCUR215 08002031
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 204018
DUR.FAC.	1.25		FROM CDM
SPACING	SEE ABOVE		JREF- 1TDT215_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 3.525'
Hipjack supports 6-4-11 setback jacks with no webs.

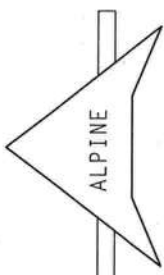
Top chord overhangs have been checked only for loads as indicates.
Overhangs not checked for man loads or long-term deflection.

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

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-11-8.



PLT TYP. Wave



ALPINE

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

FL Certificate of Authorization # 0 278

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215--	38906
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	08002032
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	204015	
DUR.FAC.	1.25	FROM	CDM	
SPACING	SEE ABOVE	JREF-	1TDT215_Z01	

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

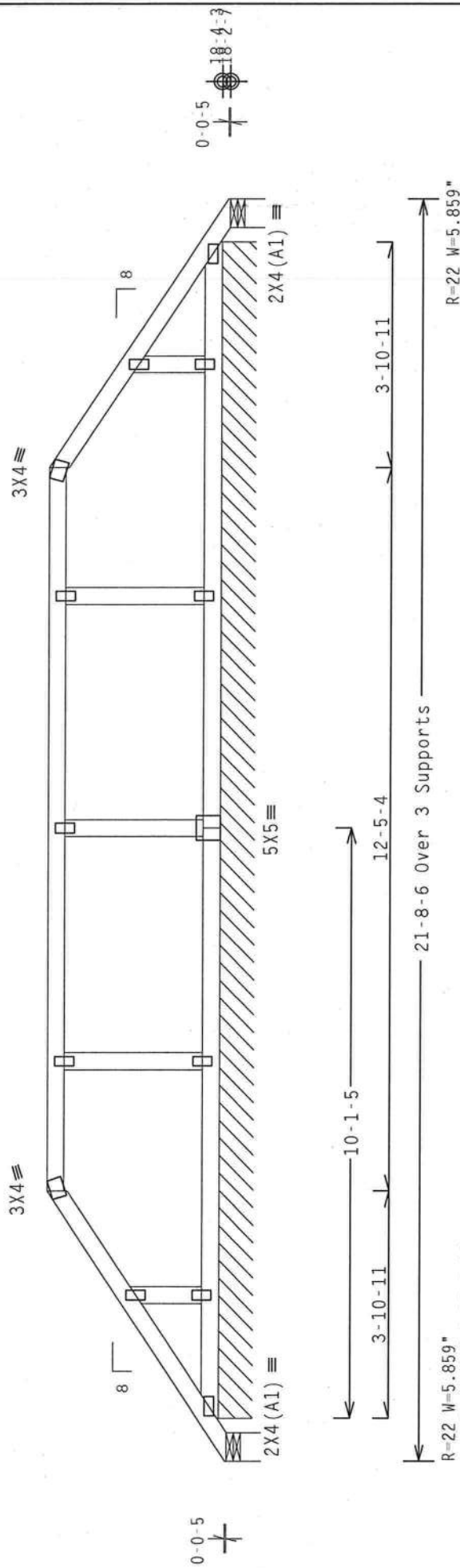
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -0.74 to 64 PLF at 3.89
TC - From 64 PLF at 3.89 to 64 PLF at 16.33
TC - From 64 PLF at 16.33 to 64 PLF at 20.96
BC - From 4 PLF at -0.74 to 4 PLF at 20.96

The overall height of this truss excluding overhang is 3-1-5.



Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

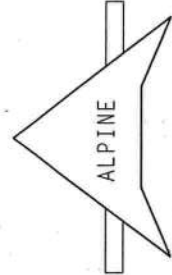
Cq/RT=1.00(1.25)/0(0)

7.38.0810

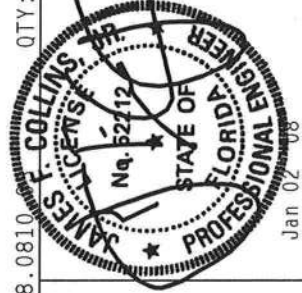
Scale = .375" / Ft.

****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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&I AND TPI). ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (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. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S LIABILITY 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 Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

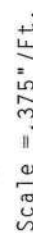


Jan 02 '08

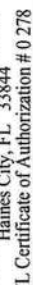
QTY: 1	FL / - / 5 / - / - / R / -	TC LL	20.0 PSF	REF	R215 - -	38907
		TC DL	10.0 PSF	DATE	01/02/08	
		BC DL	10.0 PSF	DRW	HCUSR215	08002033
		BC LL	0.0 PSF	HC-ENG	WHK/WHK	
		TOT.LD.	40.0 PSF	SEQN-	204082	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TDT215_Z01	

SPECIAL LOADS		DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
----- (LUMBER		64 PLF at -0.74 to	64 PLF at 8.56
TC	- From	64 PLF at -0.74 to	64 PLF at 8.56
TC	- From	64 PLF at 8.56 to	64 PLF at 11.66
TC	- From	64 PLF at 11.66 to	64 PLF at 20.96
BC	- From	4 PLF at -0.74 to	4 PLF at 20.96

The overall height of this tower excluding overbase is 6.9 m. Deflection meets L/240 live and L/180 total load.



TC LL	20.0 PSF	REF	R215 -	38908
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR215	0800203
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	204086	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TDT215_Z01	



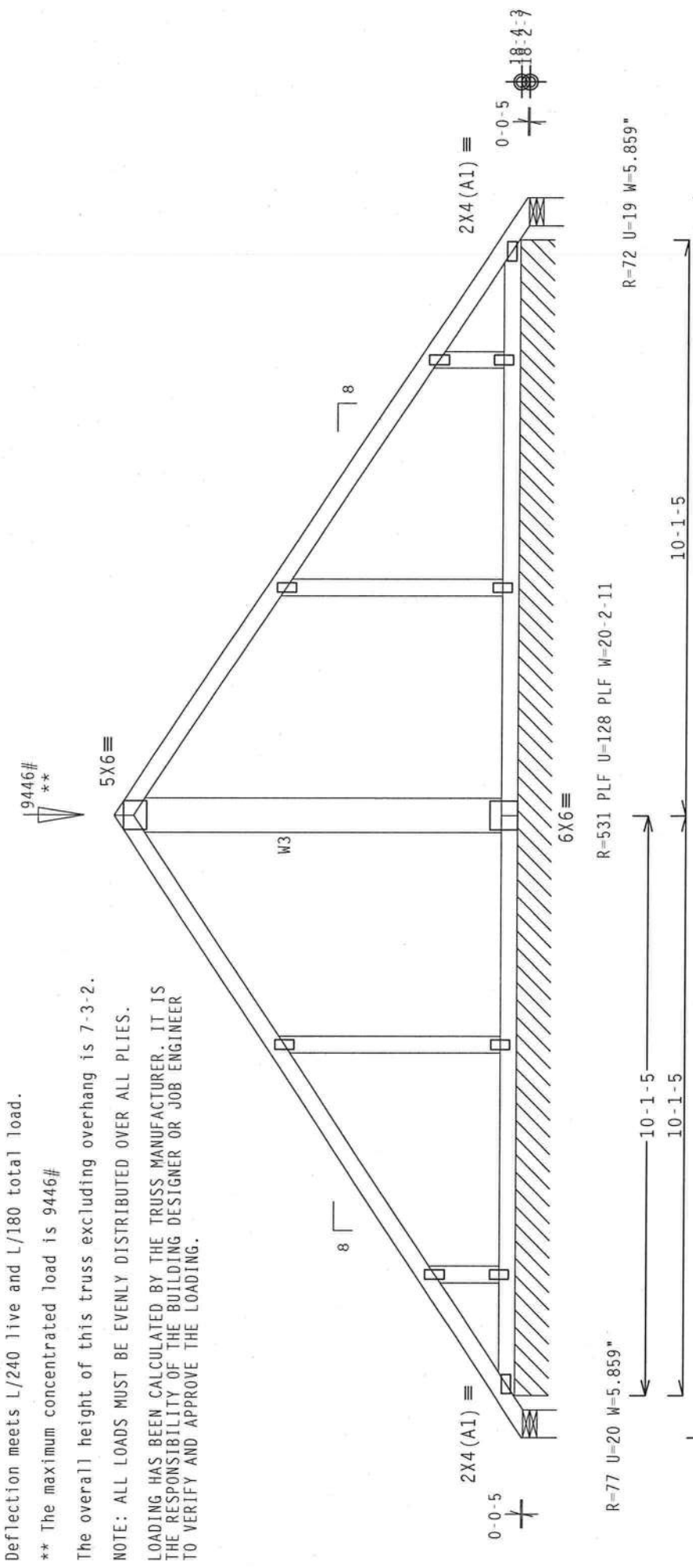
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W3 2x8 SP #2 N:
Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @ 3.25" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -0.74 to 64 PLF at 10.11
TC - From 64 PLF at 10.11 to 64 PLF at 20.96
BC - From 4 PLF at -0.74 to 4 PLF at 20.96
TC - 9446 LB Conc. Load at 10.13 **
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.
** The maximum concentrated load is 9446#

The overall height of this truss excluding overhang is 7-3-2.
NOTE: ALL LOADS MUST BE EVENLY DISTRIBUTED OVER ALL PLIES.
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER OR JOB ENGINEER TO VERIFY AND APPROVE THE LOADING.

3 COMPLETE TRUSSES REQUIRED

110 mph wind, 21.84 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. lw=1.00 GCpi(+/-)-0.18



Note: All Plates Are 2X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810
Scale = .375"/Ft.

QTY: 2	FL / - / 5 / - / - / R / -	TC LL	20.0 PSF	REF	R215 - -	38909
		TC DL	10.0 PSF	DATE	01/02/08	
		BC DL	10.0 PSF	DRW	HCUSR215	08002035
		BC LL	0.0 PSF	HC-ENG	WHK/WHK	
		TOT.LD.	40.0 PSF	SEQN-	204144	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TDT215_Z01	

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

James Collins, Inc. Professional Engineer
No. B2712
STATE OF FLORIDA
Professional Engineer
Jan 02 08

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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

(4973- /BOWMAN RESIDENCE)

110 mph wind, 21.84 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

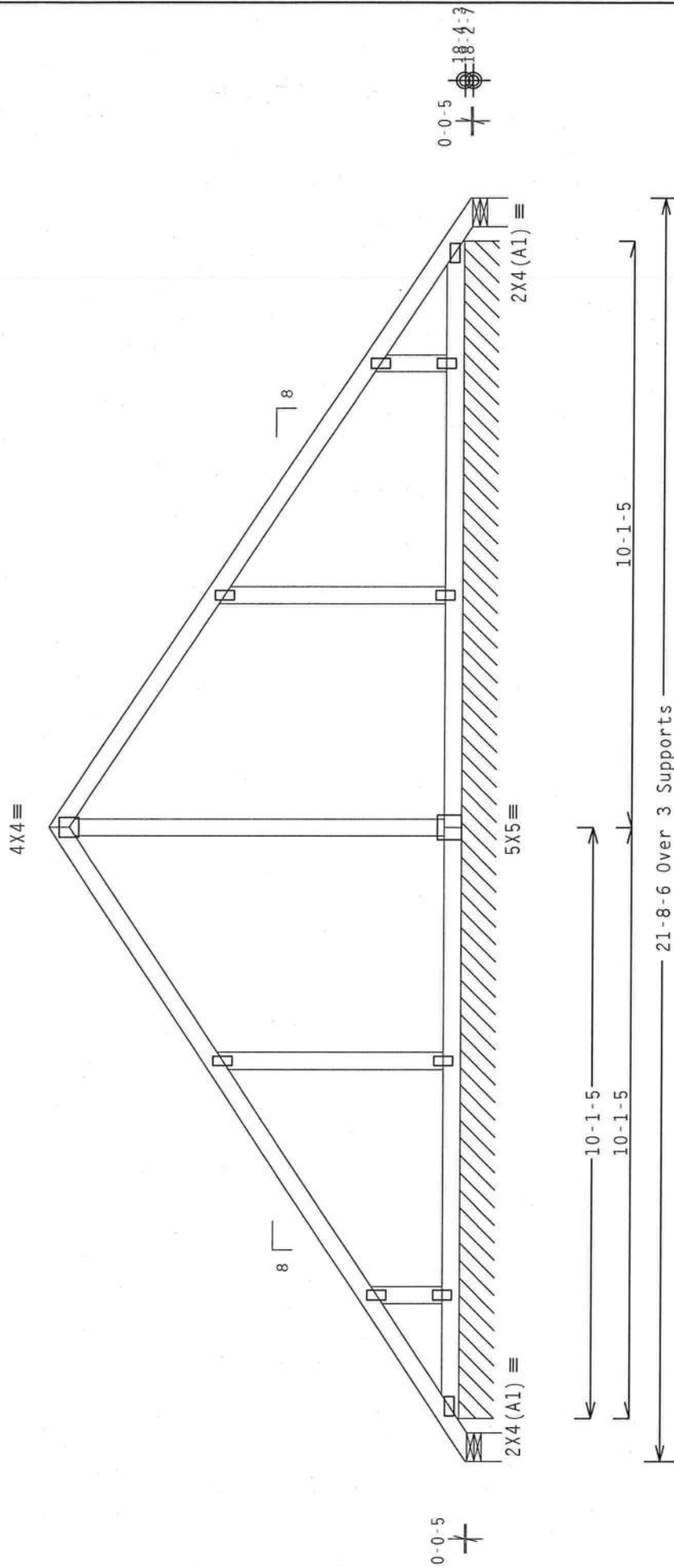
The overall height of this truss excluding overhang is 7-3-2.

SPECIAL LOADS

TC	-	From	64 PLF at -0.74 to	64 PLF at 10.11	DUR.FAC.=1.25
TC	-	From	64 PLF at -0.74 to	64 PLF at 20.96	
DC	-	From	4 PLF at -0.74 to	4 PLF at 20.96	

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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



R=23 Rw=100 II=95 W=5 859"

R=69 PLF U=22 PLF W=20-2-11

Note: All Plates Are 2X4 Except As Shown.

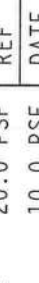
Design Crit: TPI-2002(STD)/FBC

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

810

QTY:2 FL1-151-1-1R1-

Scale = 375"/Ft



ALPINE

ITW Building Components Group, Inc.
 Gaines City, FL 33844
 Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATING SYSTEMS), 730 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA), ENTERPRISE LAKE, 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 TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TP1. CONNECTOR PLATES ARE MADE OF 2018/16GA (.04155)K1 ASTM A653 GRADE 40/60 (W, K/20.25) 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 TP11-2002 SEC.3. A SEAL 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/TP1 1 SEC. 2.



Jan 02 2000

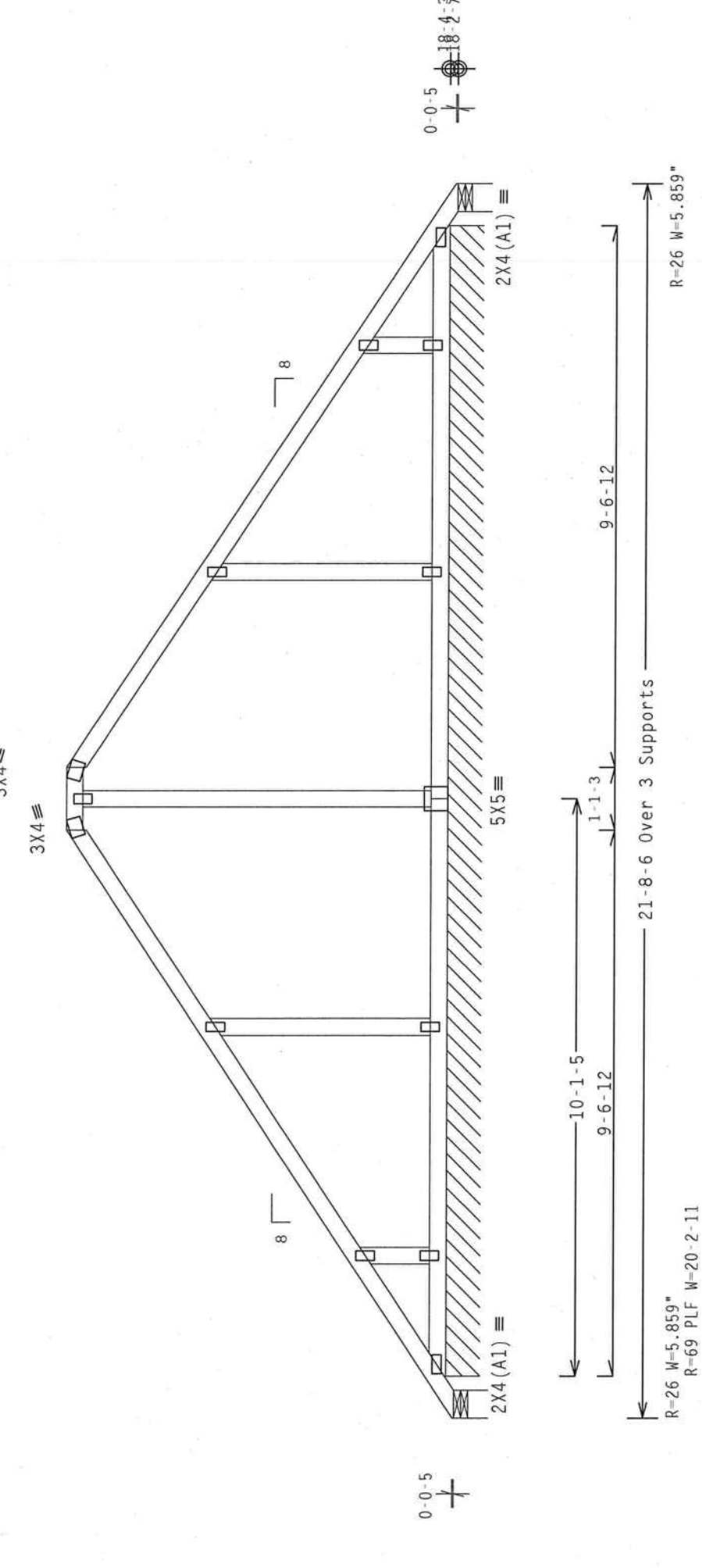
TC LL	20.0	PSF	REF	R215 --	38910
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR215	08002036
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	204090	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TD215	Z01

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

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-10-11.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -0.74 to 64 PLF at 9.56
TC - From 64 PLF at 9.56 to 64 PLF at 10.66
TC - From 64 PLF at 10.66 to 64 PLF at 20.96
BC - From 4 PLF at -0.74 to 4 PLF at 20.96



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002 (STD) / FBC

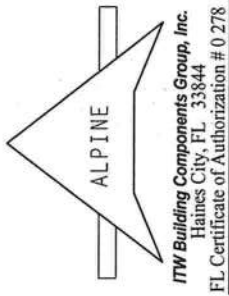
Cq/RT=1.00(1.25)/0(0) 7.38.0810.03 QTY: 1 FL/-/5/-/-/R/- Scale = .375"/Ft.

PLT TYP. Wave	REF R215-- 38911	TC LL 20.0 PSF
	DATE 01/02/08	TC DL 10.0 PSF
	DRW HCUSR215 08002037	BC DL 10.0 PSF
	HC-ENG WHK/WHK	BC LL 0.0 PSF
	SEON- 204094	TOT.LD. 40.0 PSF
	FROM CDM	DUR.FAC. 1.25
	JREF- 1TDT215_Z01	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, 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. 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 Certificate of Authorization # 0 278

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

110 mph wind, 20.11 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

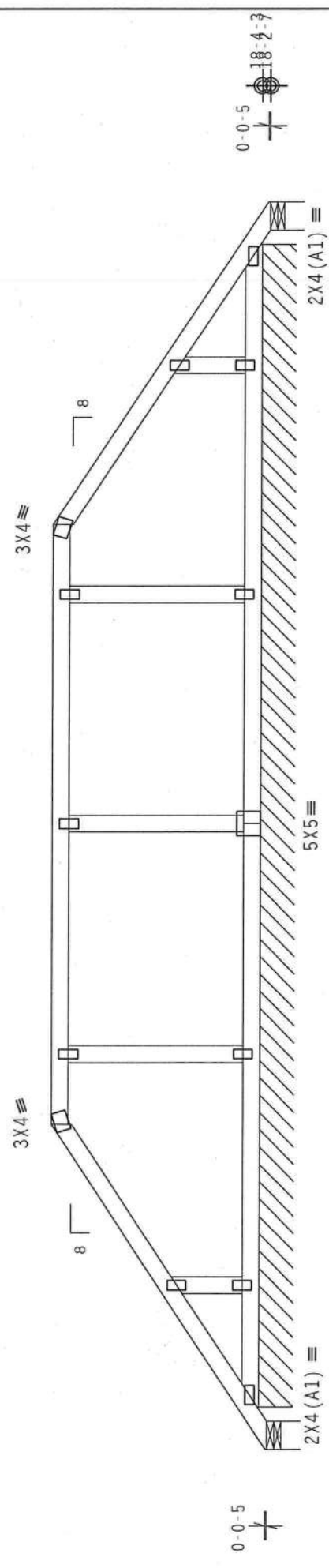
The overall height of this truss excluding overhang is 3-9-6.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -0.74 to 64 PLF at 4.89
TC - From 64 PLF at 4.89 to 64 PLF at 15.33
TC - From 64 PLF at 15.33 to 64 PLF at 20.96
BC - From 4 PLF at -0.74 to 4 PLF at 20.96

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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



10-1-5 10-5-3 4-10-12 4-10-12 21-8-6 Over 3 Supports
R=25 U=4 W=5.859"
R=69 PLF U=21 PLF W=20-2-11

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002 (STD) /FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.02 QTY:1 FL/-/5/-/-/R/- Scale = .375"/Ft.

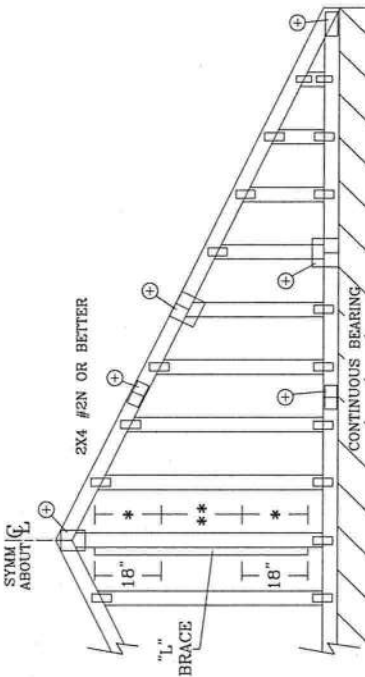
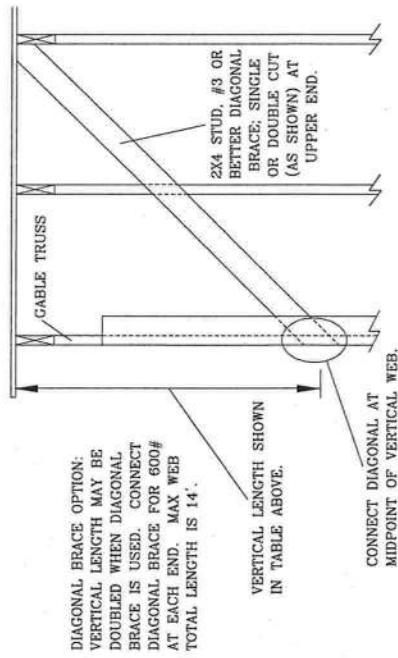
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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. 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. ITM BCG CORP. ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DESIGN. ITM BCG CORP. ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DESIGN. ITM BCG CORP. ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DESIGN. ITM BCG CORP. ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DESIGN.

REF	R215--	38912
DATE	01/02/08	
DRW	HCUSR215	08002038
HC-ENG	WHK/WHK	
SEON-	204098	
FROM	CDM	
JREF-	1TDT215_Z01	



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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD
HEM-FIR	
#2	STANDARD
#3	STUD
DOUGLAS FIR-LARCH	
#3	STUD
STANDARD	

GROUP B:

HEM-FIR	
#1 & BTR	#1
DOUGLAS FIR-LARCH	
#1	#2

CABLE TRUSS DETAIL NOTES:

- LIVE LOAD DEFLECTION CRITERIA IS L/240.
- PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
- GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
- ATTACH EACH "L" BRACE WITH 10d NAILS.
- ** FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
- "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH	LESS THAN 4' 0"	NO SPLICE
		1X4 OR 2X3
	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
		2.5X4
	GREATER THAN 11' 6"	

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

ITW BUILDING COMPONENTS GROUP, INC.
POMPA BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 3001 LEXINGTON AVENUE, SUITE 100, NEW YORK, NY 10017) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE FABRICATED AND ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES 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. CONNECTIONS SHALL BE MADE TO THE TRUSS CHORDS AND TOP CHORDS WITH 10d NAILS. ALL TRUSSES SHALL BE GALV. STEEL APPLY PLATES TO EACH FACE OF THE TRUSS CHORDS AND TOP CHORDS WITH 10d NAILS. DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FURNISHED BY CTS SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF ASCE7-02-GABI1015

DATE 2/23/07

DRWG A11015DE0207

-ENG

MAX. TOT. LD. 60 PSF

MAX. SPACING 24'-0"

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE 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 SCAB BRACE
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.

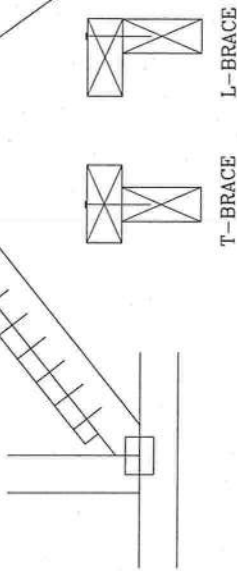
T-BRACING

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

T-BRACE
OR
L-BRACE

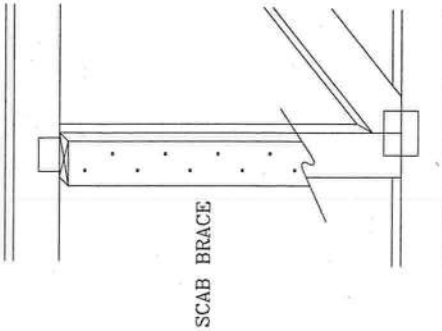


T-BRACE

L-BRACE

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



SCAB BRACE

THIS DRAWING REPLACES DRAWING 579.640

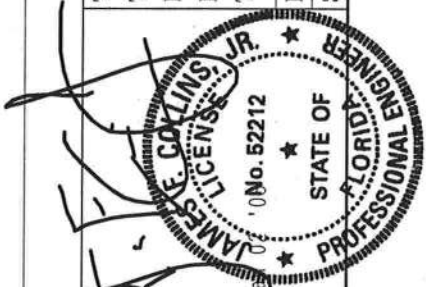
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY) INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND VITCA (VOID TRUSS COUNCIL) INFORMATION, 3804 UNIVERSITY DRIVE, SUITE 100, FARMERSBURGH, NY 11731, PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV 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. ITV BCG CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM. UNLESS OTHERWISE SPECIFIED, ALL GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



ITV BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

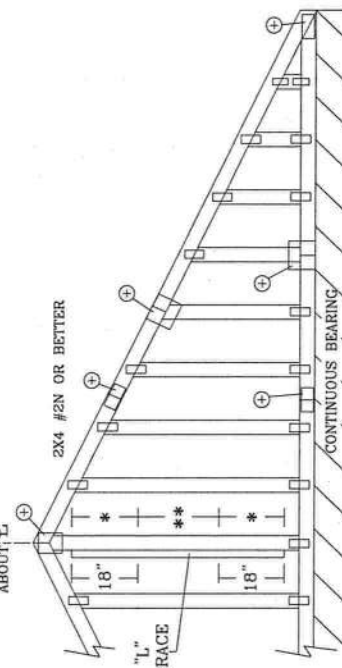


2x4 GABLE VERTICAL SPACING		BRACE		NO BRACES	(1) 1x4 "L" BRACE •		(1) 2x4 "L" BRACE •		(2) 2x4 "L" BRACE ••		(1) 2x6 "L" BRACE •		(2) 2x6 "L" BRACE •	
		GRADE	#1 / #2		GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
O.C.	SPF			3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3		3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
	HF			3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD		3' 7"	4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"
24"	SP		#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2		3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3		3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
	DFL		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
O.C.	SPF			3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	14' 0"
		#1 / #2		4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	HF		#3	4' 1"	6' 8"	6' 8"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
		STUD		4' 1"	8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
16"	SP		#1	4' 7"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
		#2		4' 6"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
		#3		4' 4"	6' 10"	6' 10"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
	DFL		STUD	4' 4"	6' 9"	6' 9"	8' 7"	8' 11"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
O.C.	SPF			4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"	14' 0"
		#1 / #2		4' 7"	8' 0"	8' 2"	9' 5"	9' 8"	11' 3"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
	HF		#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD		4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
12"	SP		#1	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#2		4' 11"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3		4' 9"	7' 11"	7' 11"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL		STUD	4' 9"	7' 9"	7' 9"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 7000
AT EACH END. MAX WEB
TOTAL LENGTH IS 14.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL



REFER TO CHART ABOVE FOR MAX GABLE ~~VERTICAL~~ LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

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

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

CABLE END SUPPORT'S LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

*** FOR (2) "L" BRACES; SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STUD	#2	STUD
#3		#3	STANDARD

DOUGLAS FIR-LARCH		SOUTHERN PINE	
#3	STUD	#3	STUD
	STANDARD		STANDARD

GROUP B:

HEM-FIR	
#1 & BTR	
#1	

SOUTHERN PINE	
#1	
#2	

DOUGLAS FIR-LARCH	
#1	
#2	

[illegible]

IMPORTANT- FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TV BCG, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY CHANGES MUST BE IN WRITING AND IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE FOLLOWING INFORMATION IS REQUIRED FOR THE PROPER DESIGN OF TRUSSES BY AFAPO AND TPI:
DESIGN CONFIGURATION WITH APPLICABLE PROVISIONS OF NIS NATIONAL DESIGN SPEC. BY AFAPO AND TPI
GENERAL VEE STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GGA CM/H/S55/CQ ASTM A653 GRADE 40/60 W/K/HX53
APPLY PLATES TO EACH FACE OF TRUSS MEMBERS UNLESS OTHERWISE LOCATED ON ONE FACE ONLY.
DESIGN POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE PER ANNEX A3 OF TPI I-2002 SEC. 3. A SEAL IN THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SUPERVISION SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND APPROPRIATENESS OF THIS COMPONENT FOR AN BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. PER ANNEX A3 OF TPI I-2002 SEC. 3.



TW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

REF ASCE7-02-GAB11030

DATE 2/23/07

DRWG A11030EE0207

-ENG

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES E. COLLINS, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains "LICENSE NO. 52212" and "STATE OF FLORIDA", also separated by stars. The seal is stamped over a document with a grid pattern.

**SIDE-HINGED FIBERGLASS DOOR UNIT
6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES**

1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE

2. HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84. POLYSTYRENE CORE FLAME SPREAD INDEX OF 15 AND SMOKE DEVELOPED INDEX OF 115 PER ASTM E84
4. PLASTICS TESTING OF FIBERGLASS FACING:

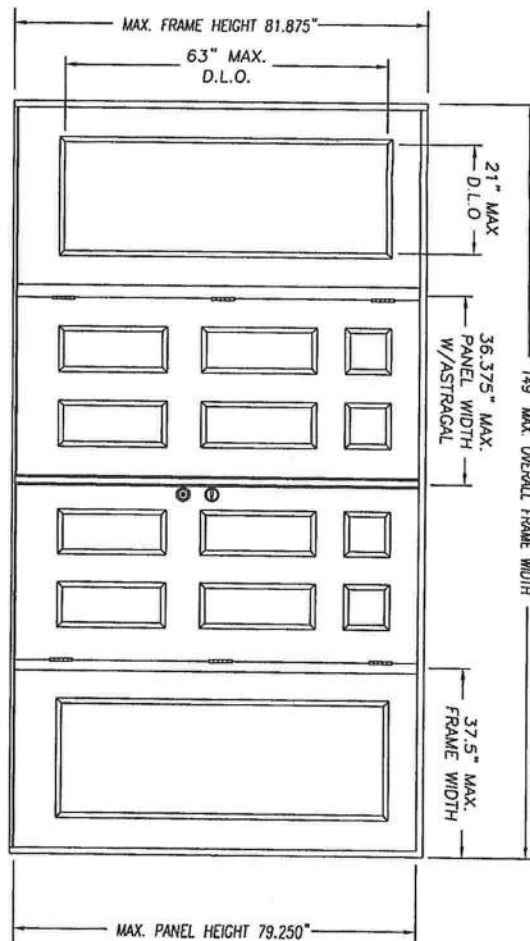
4. PLASTICS TESTING OF FIBERGLASS FACING:

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	803 °F > 650 °F
RATE OF BURNING	ASTM D635	0.79 IN/MIN
SMOKE DENSITY	ASTM D2843	48.9%
TENSILE STRENGTH*	ASTM D638	-7.3% DIFF

5 PLASTICS TESTING OF LITE FRAME MATERIAL:

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	680 °F > 650 °F
RATE OF BURNING	ASTM D635	1.10 IN/MIN
SMOKE DENSITY	ASTM D2843	69.6%
TENSILE STRENGTH*	ASTM D638	-7.48% DIFF

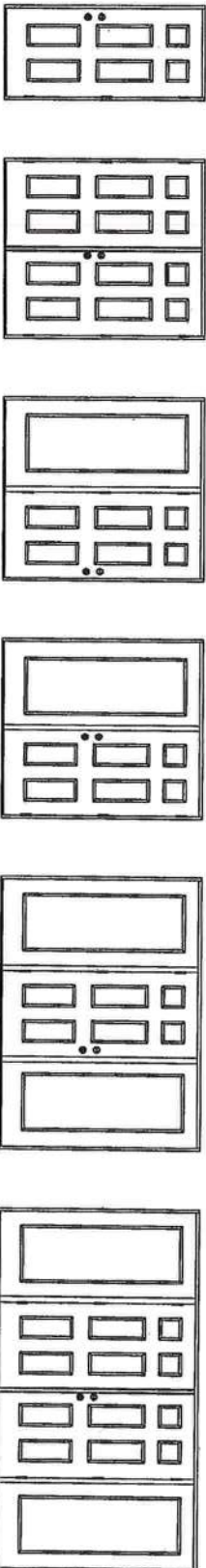
- COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1



DOUBLE INSWING UNIT W/SIDELITES

Addendum to H&M

Certification No.: NI 006063R
Reviewed By: [Signature]
Date Reviewed: 7/10/05



SINGLE DOOR UNIT

DOUBLE DOOR UNIT

SINGLE DOOR UNIT
WITH SIDELITE

SINGLE DOOR UNIT
WITH SIDE LITE

SINGLE DOOR UNIT W/SIDELITES

DOUBLE DOOR UNIT W/SIDELITES

TABLE OF CONTENTS

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS

CONFIG	MAX WIDTH
--------	-----------

CONFIG	MAX WIDTH	DESIGN PRESSURE			
		INSWING	OUTSWING	INSWING	OUTSWING*
X	7.5"	+70.0 / -70.0	+70.0 / -70.0	+19.0 / -19.0	+70.0 / -70.0
XX	7.5"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0
OX or XO	7.5"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0
OXO	11.25"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0
OXO	14.9"	+50.5 / -50.5	+55.0 / -50.5	+19.0 / -19.0	+40.0 / -40.0

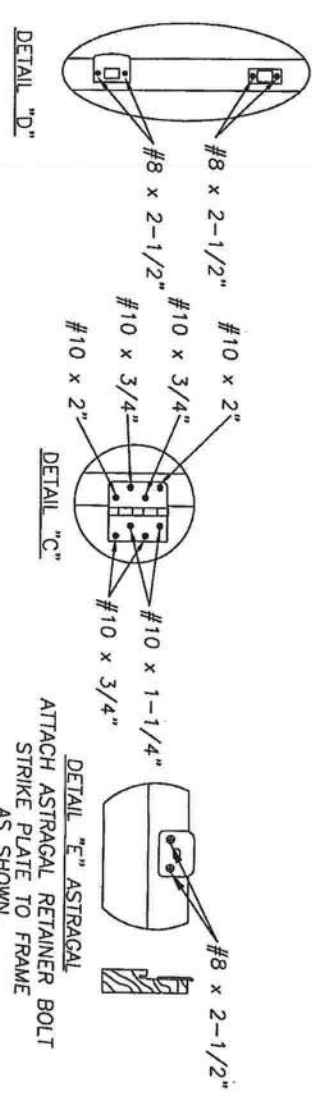
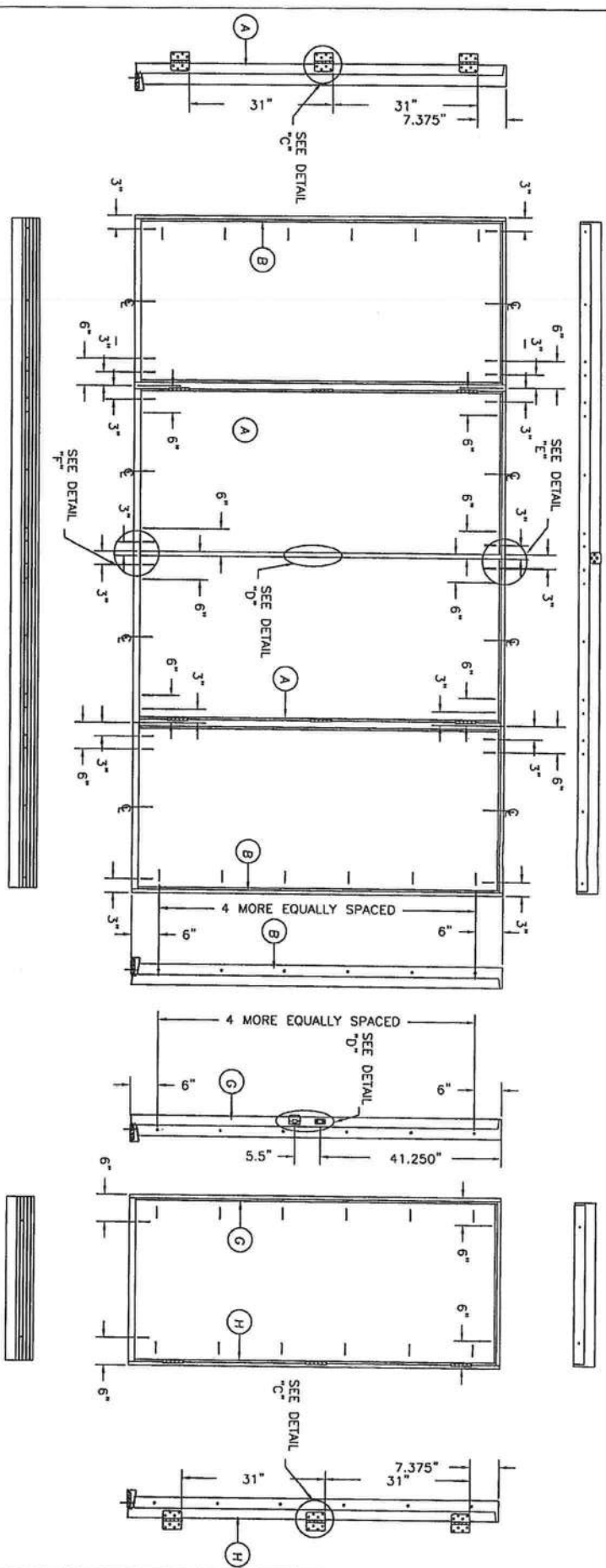
- **High Dam Threshold Design**

DATE: 5/25/05	NO.	DATE	REVISIONS	BY
SCALE: N.T.S.				
DWG. BY: SWS				
CHK. BY:				
DRAWING NO.:				
DWG--MA--FL0124--05				
SHEET 1 OF 3				

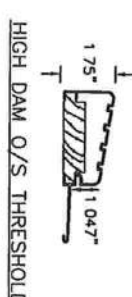
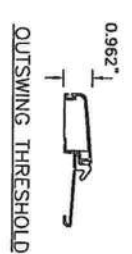
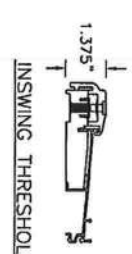
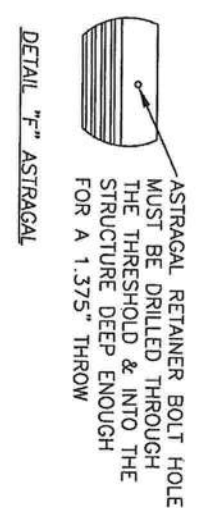
PRODUCT:
"EXTERIOR DOOR PRODUCT"
DOUBLE 6'8" OPAQUE
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216



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

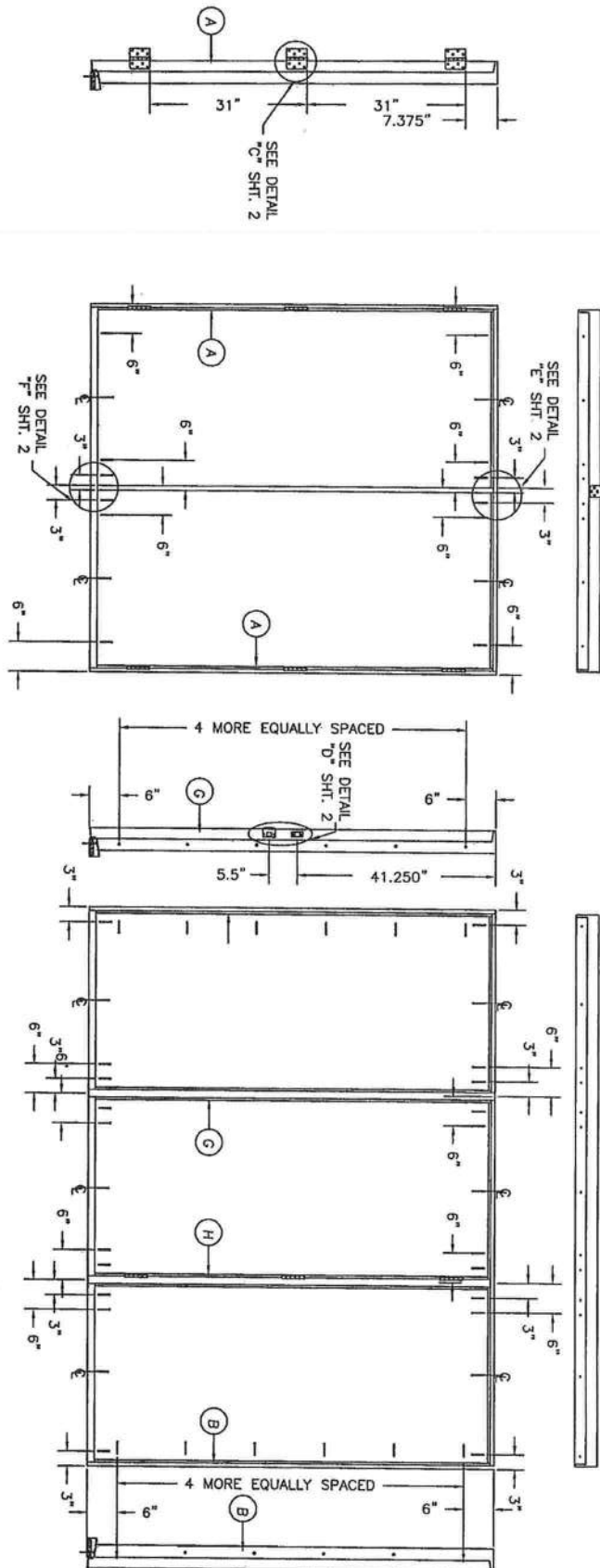


MASONITE INTERNATIONAL CORP. 7300 REAMES RD. CHARLOTTE, NC 28216		PRODUCT: "EXTERIOR DOOR PRODUCT" 6"-8" FIBERGLASS OPAQUE DOUBLE DOOR UNIT PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS													
DATE: 5/25/05 SCALE: N.T.S. DWG. BY: SMS CHK. BY: DRAWING NO.: DMC-MA-R10724-05 SHEET 2 OF 3		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY									
NO.	DATE	BY													

Certification No.: N.E. 00100138
 Reviewed By: *[Signature]*
 Date Reviewed: 3/18/05
 Attention to HMM

[illegible]

- [illegible]



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

Addendum to NAME

Certification No.: NI006063R
Reviewed By: [Signature]
Date Reviewed: 7/18/05

MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216

DWG. NO.: DWG-M4-F10124-05 DWG. BFR: SWS DWG. BFR: DWG. BFR:					PRODUCT:	
					"EXTERIOR DOOR PRODUCT" 6"-8" FIBERGLASS OPAQUE DOUBLE DOOR UNIT	
					PART OR ASSEMBLY:	
					ANCHORING LOCATIONS & DETAILS	
					BY	
					REVISIONS	
					NO. DATE	

BOWMAN RESIDENCE HVAC LOAD ANALYSIS

for

THOMPSON CONSTRUCTION

BRANFORD FL 32008

Prepared By:

DAVID HALL
DAVID HALL'S INC.
PO BOX 244
LAKE CITY FL. 32056
386-755-9792
1/3/07

Miscellaneous Project Data

Project File Name: THOMPSON, BOWMAN

System Input Data

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
---System 1---					
Winter:	31	N/A	N/A	72	N/A
Summer:	98	78	50%	75	48
---System 2---					
Winter:	31	N/A	N/A	72	N/A
Summer:	98	78	50%	75	48

External Overhangs

No.	Projection	Offset	No.	Projection	Offset
1	3	1	6	0	0
2	5	0	7	0	0
3	4	0.5	8	0	0
4	0	0	9	0	0
5	0	0	10	0	0

Duct Sizing Inputs

	Runouts		Main Trunk
Duct Material:	Flexible Duct		Fiberglass Duct Board
Roughness Factor:	0.010000		0.003000
Pressure Drop:	0.1000 In.wg/100 Ft.		0.1000 In.wg/100 Ft.
Minimum Velocity:	450.0 Ft./Minute		650.0 Ft./Minute
Maximum Velocity:	750.0 Ft./Minute		900.0 Ft./Minute
Minimum Height:	0 Inches		0 Inches
Maximum Height:	0 Inches		0 Inches

Outside Air Data

	Winter		Summer
Infiltration:	0.900 AC/Hr		0.400 AC/Hr
Volume of Conditioned Space:	X 27823 Cu.Ft.		X 27823 Cu.Ft.
	25,041 Cu.Ft./Hr		11,129 Cu.Ft./Hr
	X 0.0167		X 0.0167
Total Building Infiltration:	417.345 CFM		185.4867 CFM
Total Building Ventilation:	0 CFM		0 CFM
---System 1---			
Infiltration & Ventilation Sensible Gain Multiplier:	25.30 = (1.10 X 23.00 Summer Temp. Difference)		
Infiltration & Ventilation Latent Gain Multiplier:	32.90 = (0.68 X 48.39 Grains Difference)		
Infiltration & Ventilation Sensible Loss Multiplier:	45.10 = (1.10 X 41.00 Winter Temp. Difference)		
---System 2---			
Infiltration & Ventilation Sensible Gain Multiplier:	25.30 = (1.10 X 23.00 Summer Temp. Difference)		
Infiltration & Ventilation Latent Gain Multiplier:	32.90 = (0.68 X 48.39 Grains Difference)		
Infiltration & Ventilation Sensible Loss Multiplier:	45.10 = (1.10 X 41.00 Winter Temp. Difference)		

Total Building Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	294	8,741	0	12,379	12,379
9G French Door Double Clear Glass Wood Frame	84	1,798	0	2,032	2,032
10D Door Wood Solid Core	21	396	0	257	257
11C Door Metal Polystyrene Core	21	405	0	263	263
12N Wall R-30 Insulation	2,475	3,349	0	2,173	2,173
16G Ceiling R-30 Insulation	2,629	3,556	0	4,076	4,076
19D Floor Over Basement/Encl Crawl Hardwood + R-19	441	470	0	0	0
22A Slab on Grade No Edge Insulation	202	6,708	0	0	0
Subtotals for structure:	6,167	25,423	0	21,180	21,180
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	2,200	2,200	4,400
Lighting:	0	0		7,025	
Ductwork:	0	3,021	0	4,146	4,146
Infiltration: Winter CFM: 417.3, Summer CFM: 185.5	420	18,823	6,101	4,692	10,793
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				41,043	
Temperature Swing Multiplier:				X1.00	
Building Load Totals:		47,267	9,681	41,043	50,724

Check Figures

Total Building Supply CFM:	1866	CFM per square foot:	0.71
Square feet of room area:	2,629	Square feet per ton:	591.872

Building Loads

Total heating required with outside air:	47,267 Btuh	47.267 MBH
Total sensible gain:	41,043 Btuh	81 %
Total latent gain:	9,681 Btuh	19 %
Total cooling required with outside air:	50,724 Btuh	4.227 Tons (based on sensible + latent)
		4.442 Tons (based on 77% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
 All computed results are estimates as building use and weather may vary.
 Be sure to select a unit that meets both sensible and latent loads.

System #1 Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	174	5,174	0	5,905	5,905
9G French Door Double Clear Glass Wood Frame	84	1,798	0	2,032	2,032
10D Door Wood Solid Core	21	396	0	257	257
12N Wall R-30 Insulation	1,153	1,561	0	1,012	1,012
16G Ceiling R-30 Insulation	1,522	2,058	0	2,360	2,360
22A Slab on Grade No Edge Insulation	125	4,151	0	0	0
Subtotals for structure:	3,079	15,138	0	11,566	11,566
Active People:	3	0	690	900	1,590
Inactive People:	0	0	0	0	0
Appliances:	0	0	1,700	1,700	3,400
Lighting:	0	0		4,774	
Ductwork:	0	1,362	0	2,194	2,194
Infiltration: Winter CFM: 267.9, Summer CFM: 119.1	279	12,083	3,917	3,012	6,929
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				24,146	
Temperature Swing Multiplier:				X1.00	
System Load Totals:		28,583	6,307	24,146	30,453

Check Figures

Supply CFM:	1,098	CFM per square foot:	0.721
Square feet of room area:	1,522	Square feet per ton:	582.427

System Loads

Total heating required with outside air:	28,583 Btuh	28.583 MBH
Total sensible gain:	24,146 Btuh	79 %
Total latent gain:	6,307 Btuh	21 %
Total cooling required with outside air:	30,453 Btuh	2.538 Tons (based on sensible + latent)
		2.613 Tons (based on 77% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
 All computed results are estimates as building use and weather may vary.
 Be sure to select a unit that meets both sensible and latent loads.

System #2 Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	120	3,567	0	6,474	6,474
11C Door Metal Polystyrene Core	21	405	0	263	263
12N Wall R-30 Insulation	1,322	1,788	0	1,161	1,161
16G Ceiling R-30 Insulation	1,107	1,498	0	1,716	1,716
19D Floor Over Basement/Encl Crawl Hardwood + R-19	441	470	0	0	0
22A Slab on Grade No Edge Insulation	77	2,557	0	0	0
Subtotals for structure:	3,088	10,285	0	9,614	9,614
Active People:	3	0	690	900	1,590
Inactive People:	0	0	0	0	0
Appliances:	0	0	500	500	1,000
Lighting:	0	0		2,251	
Ductwork:	0	1,659	0	1,952	1,952
Infiltration: Winter CFM: 149.4, Summer CFM: 66.4	141	6,740	2,184	1,680	3,864
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				16,897	
Temperature Swing Multiplier:				X1.00	
System Load Totals:		18,684	3,374	16,897	20,271

Check Figures

Supply CFM:	768	CFM per square foot:	0.694
Square feet of room area:	1,107	Square feet per ton:	605.369

System Loads

Total heating required with outside air:	18,684 Btuh	18.684 MBH
Total sensible gain:	16,897 Btuh	83 %
Total latent gain:	3,374 Btuh	17 %
Total cooling required with outside air:	20,271 Btuh	1.689 Tons (based on sensible + latent)
		1.829 Tons (based on 77% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
 All computed results are estimates as building use and weather may vary.
 Be sure to select a unit that meets both sensible and latent loads.

Room Load Summary Reports

System #1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Zone Adj Fact	Clg Adj CFM	Air Sys CFM
---Zone 1---												
1	Master Bedroom	253	6,983	91	2-6	523	4,521	1,241	205	1.00	205	205
2	His Closet	80	1,133	15	1-5	467	1,401	126	64	1.00	64	64
3	Her Closet	80	1,133	15	1-5	467	1,401	126	64	1.00	64	64
4	Master Bath	105	1,908	25	2-4	424	1,628	126	74	1.00	74	74
5	Laundry Room	106	2,942	38	1-7	569	2,829	921	129	1.18	152	129
6	Foyer	194	3,335	43	1-7	504	2,520	506	115	1.17	135	115
7	Family Room	594	10,958	142	3-6	560	7,258	1,831	330	1.00	330	330
8	Kitchen	110	191	2	1-6	599	2,588	1,430	118	1.00	118	118
System 1 Totals		1522	28,583	371			24,146	6,307	1,098		1,141	1,098
Main Trunk Size: 16x12 in.												

System #1 Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	2.538	79%/21%	24,146	6,307	30,453
Recommended:	2.613	77%/23%	24,146	7,212	31,358

Room Load Summary Reports

System #2 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Zone Adj Fact	Clg Adj CFM	Air Sys CFM
---Zone 1---												
9	Guest Bath	109	1,830	24	1-5	574	1,477	232	67	1.17	78	67
10	Closet #2	36	86	1	1-2	598	287	0	13	1.00	13	13
11	Bedroom #2	195	5,211	68	1-10	509	4,890	927	222	1.25	278	222
12	Mud Room	88	1,908	25	1-4	589	1,130	325	51	1.00	51	51
13	Office	238	6,462	84	3-6	530	5,491	1,474	250	1.25	312	250
14	Upstairs Main	351	1,755	23	4-3	525	2,266	230	103	1.00	103	103
15	Upstairs Sitting	90	1,432	19	1-5	535	1,356	186	62	1.18	73	62
System 2 Totals		1107	18,684	243			16,897	3,374	768		909	768
Main Trunk Size: 12x12 in.												

System #2 Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	1.689	83%/17%	16,897	3,374	20,271
Recommended:	1.829	77%/23%	16,897	5,047	21,944

SECTION 08 54 13

ALL ULTREX® DIRECT GLAZE POLYGON WINDOW

PART 1 GENERAL

FL # 7150.1

1.1 SECTION INCLUDES

- A. All Ultrex® direct glaze polygon window complete with glazing, grilles-between-the glass, jamb extension, sheet rock return, j-channel, and standard or specified anchors, trim and attachments.

1.2 RELATED SECTIONS

- A. Section 01 33 23—Submittal Procedures: Shop Drawings, Product Data, and Samples.
- B. Section 01 62 00—Product Options
- C. Section 01 65 00—Product Delivery
- D. Section 01 66 00—Storage and Handling requirements
- E. Section 01 71 00—Examination and Preparation
- F. Section 01 73 00—Execution
- G. Section 01 74 00—Cleaning and Waste Management
- H. Section 01 76 00—Protecting Installed Construction
- I. Section 06 22 00—Millwork: Wood trim other than furnished by window manufacturer
- J. Section 07 92 00—Joint Sealants: Sill sealant and perimeter caulking
- K. Section 09 90 00—Paints and Coatings: Paint or stain other than factory applied finish

1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. E 283: Standard Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.
 - 2. E 330: Standard Test Method for Structural Performance of Exterior Windows, Curtains Walls, and Doors by Uniform Static Air Pressure Difference.
 - 3. E 547: Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential.
 - 4. E 774: Specification for Sealed Insulated Glass Units.
 - 5. C 1036: Standard Specification for Flat Glass.
- B. Sealed Insulating Glass Manufacturers Association / Insulating Glass Certification Council (SIGMA / IGCC).
- C. American Architectural Manufacturers Association / Window and Door Manufacturers Association (AAMA / WDMA):
 - 1. ANSI/AAMA/NWDA 101 / I.S.2-97: Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.
 - 2. 101/I.S. 2/NAFS-02: Voluntary Performance Specification for Windows, Skylights and Glass Doors.
- D. Window and Door Manufacturers Association (WDMA): Hallmark Certification Program.
- E. American Architectural Manufacturers Association (AAMA): 613: Voluntary Performance Requirements and Test Procedures for Organic Coatings on Plastic Profiles.
- F. National Fenestration Rating Council (NFRC): 101: Procedure for Determining Fenestration Product Thermal Properties.

1.4 SYSTEM DESCRIPTION

- A. Verification of Conditions: Before Installation, verify openings are plumb, square, and of proper dimension as required in Section 01 71 00. Report frame defects or unsuitable conditions to the General Contractor before proceeding.
- B. Acceptance of Conditions: Beginning of installation confirms acceptance of existing conditions.

3.2 INSTALLATION

- A. Comply with Section 01 73 00.
- B. Assemble and install window unit according to manufacturer's instructions and reviewed shop drawings.
- C. Install sealant and related backing materials at perimeter of unit or assembly in accordance with Section 07 92 00 Joint Sealants. Do not use expansive foam sealant.
- D. Install accessory items as required.
- E. Use finish nails to apply wood trim and mouldings.

3.3 CLEANING

- A. Remove visible labels and adhesive residue according to manufacturer's instructions.
- B. Leave windows and glass in a clean condition. Final cleaning as required in Section 01 74 00.

3.4 PROTECTING INSTALLED CONSTRUCTION

- A. Comply with Section 01 76 00.
- B. Protect windows from damage by chemicals, solvents, paint, or other construction operations that may cause damage.

END OF SECTION

2.2 FRAME DESCRIPTION

- A. Interior: Pultruded reinforced fiberglass (Ultrex®), 0.065 – 0.070 inch (2 mm) thick.
- B. Composite frame thickness: 1 23/32 inches (44 mm).
- C. Frame width: 3 3/32 inches (79 mm).
- D. Jamb depth: 2 inches (51 mm).

2.3 GLAZING

- A. Select quality complying with ASTM C 1036. Insulating glass SIGMA/IGCC certified to performance level CBA when tested in accordance with ASTM E 774.
- B. Glazing method: 7/8 inch (22 mm) Insulated glass.
- C. Glass type: Low E II - Argon gas.
- D. Glazing seal: Silicone bedding at exterior and interior.

2.4 FINISH

- A. Factory baked on acrylic urethane.
- B. Color: Stone White exterior with Stone White interior; Pebble Gray exterior with Stone White interior; Bronze exterior with Stone White interior; Evergreen exterior with Stone White interior.

2.5 JAMB EXTENSION

- A. Standard: 2". Furnish jamb extension: 4-9/16" (116 mm); 6-9/16 (167 mm); factory installed.

2.6 GRILLES-BETWEEN-THE-GLASS (GBG)

- A. Rectangle units only. Manufactured from aluminum in an 11/16" (17mm) wide contoured profile placed between the two panes of glass. Available in rectangular and prairie lite cut patterns. Prairie lite pattern – nine lite. Size limitations may apply to prairie lite cut availability.
- B. Colors: Stone White exterior with Stone White interior; Pebble Gray exterior with Stone White interior; Bronze exterior with Stone White interior; Evergreen exterior with Stone White interior.

2.7 ACCESSORIES AND TRIM

- A. Installation Accessories:
 - 1. Factory installed vinyl folding nailing fin at head, sill and side jambs.
 - 2. Installation brackets: Brackets for 4-9/16 inch (116 mm); 6-9/16 inch (167 mm) jambs.
 - 3. Sheet rock return.
 - 4. J-channel.
 - 5. Mullion kit: Standard mullion kit for field assembly of related units available in horizontal, vertical and 2-wide and/or 2-high configurations. Kit includes: Instructions, interior and exterior mull covers, mull plugs and brackets.

PART 3 EXECUTION

3.1 EXAMINATION

A. Design and Performance Requirements:

1. Window units shall be designed to comply with ANSI / AAMA / NWWDA 101 / I.S.2-97 and 101 / I.S. 2/ NAFS-02
 - a. Direct Glaze Polygon: up to 49 sq. ft. (F-C50)
2. Air leakage shall not exceed the following when tested at 1.57 according to ASTM E 283: 0.3 cfm per square foot of frame.
3. No water penetration shall occur when units are tested at the following pressure according to ASTM E 547:
 - a. Direct Glaze Polygon: up to 49 sq. ft. (F-C50-7.5 psf)
4. Units shall be designed to comply with ASTM E330 for structural performance when tested at the following pressures:
 - a. Direct Glaze Polygon: up to 49 sq. ft. (F-C50-75 psf)

1.5 SUBMITTALS

- A. Shop Drawings: Submit shop drawings under provisions of Section 01 33 23.
- B. Product Data: Submit catalog data under provisions of Section 01 33 23.
- C. Samples:
1. Submit corner section under provisions of Section 01 33 23.
 2. Include glazing system, quality of construction, and specified finish.
- D. Quality Control Submittals: Submit manufacturer's certifications indicating compliance with specified performance and design requirements under provisions of Section 01 33 23.

1.6 QUALITY ASSURANCE

- A. Regulatory Requirements: Emergency Egress or Rescue: Comply with requirements for sleeping units of [IBC International Building Code] [BOCA Basic Building Code] [Southern Building Code] [Uniform Building Code] [_____].

1.7 DELIVERY

- A. Comply with provisions of Section 01 65 00.
- B. Deliver in original packaging and protect from weather.

1.8 STORAGE AND HANDLING

- A. Prime or seal wood surfaces, including surface to be concealed by wall construction, if more than thirty (30) days will expire between delivery and installation.
- B. Store window units in an upright position in a clean and dry storage area above ground and protect from weather under provisions of Section 01 66 00.

1.9 WARRANTY

- A. Windows shall be warranted to be free from defects in manufacturing, materials, and workmanship for a period of ten (10) years from purchase date.
- B. Window glass shall be warranted to be free from defects in manufacturing, materials and workmanship for period of twenty (20) years from the purchase date.

PART 2 PRODUCTS

2.1 MANUFACTURED UNITS

- A. Description: All Ultrex® Direct Glaze unit as manufactured by Integrity Windows and Doors, Fargo, North Dakota.

SECTION 08 54 13

ALL ULTREX® DOUBLE HUNG WINDOW

PART 1 GENERAL

FL # 9430.6

1.1 SECTION INCLUDES

- A. All Ultrex® double hung window complete with hardware, glazing, weather strip, insect screen and half screen, grilles-between-the glass, jamb extension, sheet rock return, j-channel, and standard or specified anchors, trim and attachments.

1.2 RELATED SECTIONS

- A. Section 01 33 23—Submittal Procedures: Shop Drawings, Product Data, and Samples.
- B. Section 01 62 00—Product Options
- C. Section 01 65 00—Product Delivery
- D. Section 01 66 00—Storage and Handling requirements
- E. Section 01 71 00—Examination and Preparation
- F. Section 01 73 00—Execution
- G. Section 01 74 00—Cleaning and Waste Management
- H. Section 01 76 00—Protecting Installed Construction
- I. Section 06 22 00—Millwork: Wood trim other than furnished by window manufacturer
- J. Section 07 92 00—Joint Sealants: Sill sealant and perimeter caulking
- K. Section 09 90 00—Paints and Coatings: Paint or stain other than factory applied finish

1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. E 283: Standard Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors.
 - 2. E 330: Standard Test Method for Structural Performance of Exterior Windows, Curtains Walls, and Doors by Uniform Static Air Pressure Difference.
 - 3. E 547: Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential.
 - 4. E 774: Specification for Sealed Insulated Glass Units.
 - 5. C 1036: Standard Specification for Flat Glass.
- B. Sealed Insulating Glass Manufacturers Association / Insulating Glass Certification Council (SIGMA / IGCC).
- C. American Architectural Manufacturers Association / Window and Door Manufacturers Association (AAMA / WDMA):
 - 1. ANSI/AAMA/NWWDA 101 / I.S.2-97: Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.
 - 2. 101/I.S. 2/NAFS-02: Voluntary Performance Specification for Windows, Skylights and Glass Doors/
- D. Window and Door Manufacturers Association (WDMA): Hallmark Certification Program.
- E. American Architectural Manufacturers Association (AAMA): 613: Voluntary Performance Requirements and Test Procedures for Organic Coatings on Plastic Profiles.
- F. National Fenestration Rating Council (NFRC): 101: Procedure for Determining Fenestration Product Thermal Properties.

1.4 SYSTEM DESCRIPTION

- A. Design and Performance Requirements:

1. Window units shall be designed to comply with ANSI / AAMA / NWWDA 101 / I.S.2-97 and 101 / I.S. 2/ NAFS-02
 - a. Double Hung: (H-LC500 (H-LC30)
 - b. Transom: (TR-C50)
 - c. Picture: (F-C50)
2. Air leakage shall not exceed the following when tested at 1.57 according to ASTM E 283: .03 cfm per square foot of frame.
3. No water penetration shall occur when units are tested at the following pressure according to ASTM E 547:
 - a. Double Hung: (H-LC50 – 7.5 psf) (H-LC30 – 4.5 psf)
 - b. Transom: (TR-C50-7.5 psf)
 - c. Picture: (F-C50-7.5 psf)
4. Units shall be designed to comply with ASTM E330 for structural performance when tested at the following pressures:
 - a. Double Hung: (H-LC50 - 75 psf) (H-LC30 - 45 psf)
 - b. Transom: (TR-C50-75 psf)
 - c. Picture: (F-C50-75 psf)

1.5 SUBMITTALS

- A. Shop Drawings: Submit shop drawings under provisions of Section 01 33 23.
- B. Product Data: Submit catalog data under provisions of Section 01 33 23.
- C. Samples:
 1. Submit corner section under provisions of Section 01 33 23.
 2. Include glazing system, quality of construction, and specified finish.
- D. Quality Control Submittals: Submit manufacturer's certifications indicating compliance with specified performance and design requirements under provisions of Section 01 33 23.

1.6 QUALITY ASSURANCE

- A. Regulatory Requirements: Emergency Egress or Rescue: Comply with requirements for sleeping units of [IBC International Building Code] [BOCA Basic Building Code] [Southern Building Code] [Uniform Building Code] [_____].

1.7 DELIVERY

- A. Comply with provisions of Section 01 65 00.
- B. Deliver in original packaging and protect from weather.

1.8 STORAGE AND HANDLING

- A. Prime or seal wood surfaces, including surface to be concealed by wall construction, if more than thirty (30) days will expire between delivery and installation.
- B. Store window units in an upright position in a clean and dry storage area above ground and protect from weather under provisions of Section 01 66 00.

1.9 WARRANTY

- A. Windows shall be warranted to be free from defects in manufacturing, materials, and workmanship for a period of ten (10) years from purchase date.
- B. Window glass shall be warranted to be free from defects in manufacturing, materials and workmanship for period of twenty (20) years from the purchase date.

PART 2 PRODUCTS

2.1 MANUFACTURED UNITS

- A. Description: All Ultrex® Double Hung (and related stationary or picture units) as manufactured by Integrity Windows and Doors, Fargo, North Dakota. Operating sash tilt to interior for cleaning or removal.

2.2 FRAME DESCRIPTION

- A. Interior: Pultruded reinforced fiberglass (Ultrex®), 0.065 – 0.070 inch (2 mm) thick.
- B. Frame width: 3 3/32 inches (79 mm).
- C. Jamb depth: 2 inches (51 mm).

2.3 SASH DESCRIPTION

- A. Pultruded reinforced fiberglass (Ultrex®), 0.065 – 0.070 inch (2 mm) thick.
- B. Composite sash thickness: 15/16" inches (24 mm).

2.4 GLAZING

- A. Select quality complying with ASTM C 1036. Insulating glass SIGMA/IGCC certified to performance level CBA when tested in accordance with ASTM E 774.
- B. Glazing method: 3/4 inch (19 mm) Insulated glass.
- C. Glass type: Low E II - Argon gas.
- D. Glazing seal: Silicone bedding at exterior and interior.

2.5 FINISH

- A. Factory baked on acrylic urethane.
- B. Color: Stone White exterior with Stone White interior; Pebble Gray exterior with Stone White interior; Bronze exterior with Stone White interior; Evergreen exterior with Stone White interior.

2.6 HARDWARE

- A. Balance System: Coil spring block and tackle with nylon cord and glass filled nylon shoe and steel locking shoe.
- B. Jamb Track: Pultrusion.
- C. Lock: High pressure zinc die-cast cam lock and keeper.
 - 1. Finish: Phosphate coated and electrostatically painted. Color: White.

2.7 WEATHER STRIP

- A. Sill weather strip is foam filled vinyl bulb. The bottom sash is sealed to the jambs using rigid vinyl with flexible seals. The top stationary sash seal is foam tape. The checkrails are sealed using rigid vinyl with flexible seals.

2.8 JAMB EXTENSION

- A. Standard: 2". Furnish jamb extension: 4-9/16" (116 mm); 6-9/16 (167 mm); factory installed.

2.9 INSECT HALF SCREEN

- A. Factory installed half screen. Screen mesh, 18 by 16: Charcoal fiberglass.
- B. Aluminum frame finish: Stone White; Pebble Gray; Bronze; Evergreen.

2.10 GRILLES-BETWEEN-THE-GLASS (GBG)

- A. Manufactured from aluminum in an 11/16" (17mm) wide contoured profile placed between the two panes of glass. Available in rectangular and prairie lite cut patterns. Prairie lite pattern – six lite for single hung and nine lite for picture. Size limitations may apply to prairie lite cut availability.
- B. Colors: Stone White exterior with Stone White interior; Pebble Gray exterior with Stone White interior; Bronze exterior with Stone White interior; Evergreen exterior with Stone White interior.

2.11 ACCESSORIES AND TRIM

- A. Installation Accessories:
 - 1. Factory installed vinyl folding nailing fin at head, sill and side jambs.
 - 2. Installation brackets: Brackets for 4-9/16 inch (116 mm); 6-9/16 inch (167 mm) jambs.
 - 3. Sheet rock return.
 - 4. J-channel.
 - 5. Mullion kit: Standard mullion kit for field assembly of related units available in horizontal, vertical and 2-wide and/or 2-high configurations. Kit includes: Instructions, interior and exterior mull covers, mull plugs and brackets.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Before Installation, verify openings are plumb, square, and of proper dimension as required in Section 01 71 00. Report frame defects or unsuitable conditions to the General Contractor before proceeding.
- B. Acceptance of Conditions: Beginning of installation confirms acceptance of existing conditions.

3.2 INSTALLATION

- A. Comply with Section 01 73 00.
- B. Assemble and install window unit according to manufacturer's instructions and reviewed shop drawings.
- C. Install sealant and related backing materials at perimeter of unit or assembly in accordance with Section 07 92 00 Joint Sealants. Do not use expansive foam sealant.
- D. Install accessory items as required.
- E. Use finish nails to apply wood trim and mouldings.

3.3 CLEANING

- A. Remove visible labels and adhesive residue according to manufacturer's instructions.
- B. Leave windows and glass in a clean condition. Final cleaning as required in Section 01 74 00.

3.4 PROTECTING INSTALLED CONSTRUCTION

- A. Comply with Section 01 76 00.
- B. Protect windows from damage by chemicals, solvents, paint, or other construction operations that may cause damage.

END OF SECTION

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masorita	6 panel 1 lite	4668.1 & 4668.9
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung	Marvin	Ultrex + Clad w/ Ultrex	6525.1 & 9432.6
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Ames Home ALCOA	Hardi plank siding Aluminum soffit	889 2641
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	GULF COAST		
3. Roofing Fasteners			
4. Non-structural Metal Rf	GULF COAST	1 1/2" wood grip 26 gal tarp nbs over plywood	7099.1 7099.1
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 N/A			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS N/A			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	HURRICANE TIE	1423
2. Truss plates			
3. Engineered lumber	ROSEBERG FOREST PRODUCTS	LVL RIGID LAM.	2440.2
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.			

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

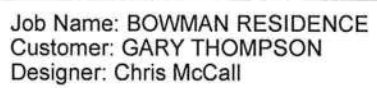
Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # (FOR STAFF USE ONLY)



26666

KEEN ENGINEERING & SURVEYING, INC.**9263 COUNTY ROAD 417
LIVE OAK, FLORIDA 32060
386/362-4787****January 31, 2008****Harry Dicks
Columbia County Building Department
P.O. Drawer 1529
Lake City, FL 32056****RE: BOMAN RESIDENCE**

The plans call for 2,000 psf bearing capacity beneath the foundation. The total wall load per lineal foot is 1,690 pounds with a 110 MPH wind load.

The foundation will set on undisturbed natural ground, which will exceed the requirements based on A 1,012 psf bearing pressure. ($1,690\text{#}/1.67' \text{ width} = 1,012 \text{ psf}$)

Please disregard the note on the plans for a 2,000 psf bearing capacity beneath the foundation. The existing ground bearing value will exceed the maximum load of 1,190 pounds with a 110 MPH wind load applied. If additional information is required, please advise.



**Curtis E. Keen, PE #23836
Eng. Bus. #3761**

KEEN ENGINEERING & SURVEYING, INC.
9263 COUNTY ROAD 417
LIVE OAK, FLORIDA 32060
386/362-4787

February 4, 2008

**Joe Haltiwanger
Columbia County Building Department
P.O. Drawer 1529
Lake City, FL 32056**

RE: BOMAN RESIDENCE - BUILDING PERMIT #4026666

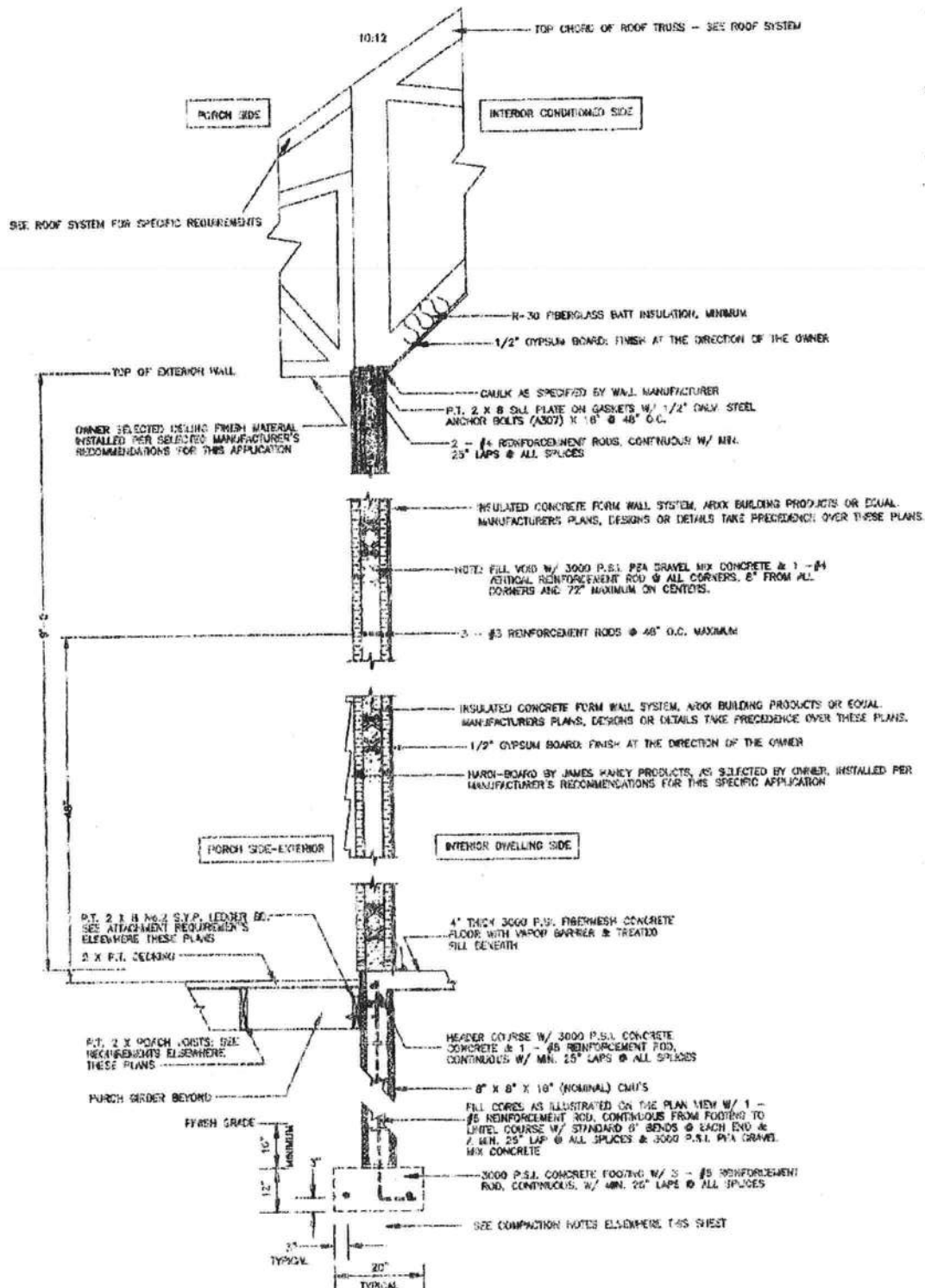
The plans call for a wood floor system beneath the residence. The wood floor system is to be changed to a 4" thick concrete floor on compacted and treated fill (see the attached typical section).

If additional information is required, please advise.



Curtis E. Keen, PE #23836

Eng. Bus. #3761



2 SECTION THROUGH TYPICAL EXTERIOR BEARING
SCALE: N.T.S.

BOWMAN RESIDENCE - COLUMBIA COUNTY, FLORIDA
CHANGE WOOD FLOOR TO A CONCRETE FLOOR - BUILDING PERMIT # 4026686

Curtis E. Keen 02/04/08
CURTIS E. KEEN, ENGINEERING BUSINESS #3761
PE #23836

COLUMBIA COUNTY, FLORIDA

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 10-7S-17-09974-307

Building permit No. 000026666

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder GARY THOMPSON

Waste:

Owner of Building RAY BOWMAN & KAREN MCLAIN

Total: 0.00

Location: 655 SE DIAMONDBACK GLEN, HIGH SPRINGS, FL

Date: 11/10/2008

Gary Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



KEEN ENGINEERING & SURVEYING, INC.
9263 COUNTY ROAD 417
LIVE OAK, FLORIDA 32060
386/362-4787

January 11, 2008

Joe Haltiwanger
Columbia County Building Department
P.O. Drawer 1529
Lake City, FL 32056

RE: BUILDING PERMIT #0801-17
KAREN McCLAIN/GARY THOMPSON CONSTRUCTION

There is to be a minimum of 18" clear vertical of crawl space beneath the floor joists. This is shown as + 2'-10" above grade as outlined on sheet A2.0 of the plans. The + 2'-10" as shown on the plan will give a 22" vertical clearance.

Foundation venting will be required at a rate of 1 s.f. per 150 s.f crawl space or 15.2 s.f. of screened opening in the foundation wall. Provide cross ventilation and a precast lintel if the opening is over 10 inches wide.

Provide an access opening in the foundation wall to the crawl space a minimum of 18" x 24" with a door or device than can be operated or removed.

If additional information is required, please advise.


Curtis E. Keen, PE #23836
Eng. Bus. #3761



RE: BUILDING PERMIT #0801-17

KAREN McCLAIN/GARY THOMPSON CONSTRUCTION

There is to be a minimum of 18" clear vertical of crawl space beneath the floor joists. This is shown as + 2'-10" above grade as outlined on sheet A2.0 of the plans. The + 2'-10" as shown on the plan will give a 22" vertical clearance.

Foundation venting will be required at a rate of 1 s.f. per 150 s.f crawl space or 15.2 s.f. of screened opening in the foundation wall. Provide cross ventilation and a precast lintel if the opening is over 10 inches wide.

Provide an access opening in the foundation wall to the crawl space a minimum of 18" x 24" with a door or device than can be operated or removed.

If additional information is required, please advise.

Curtis E. Keen

Curtis E. Keen, PE #23836

Eng. Bus. #3761



KEEN ENGINEERING & SURVEYING, INC.
9263 COUNTY ROAD 417
LIVE OAK, FLORIDA 32060
386/362-4787

January 11, 2008

Joe Haltiwanger
Columbia County Building Department
P.O. Drawer 1529
Lake City, FL 32056

Columbia County Building Permit Application

For Office Use Only Application # 0801-17 Date Received 1/4/08 By G Permit # 26666
 Zoning Official BLK Date 11.01.08 Flood Zone Apw FEMA Map # N/A Zoning A-3
 Land Use A-3 Elevation N/A MFE 1st River N/A Plans Examiner OK JTH Date 1-11-08
 Comments Lot 7
☒ NOC ☒ VEH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 07-0213-N 08-0083E Fax 386-935-2118
 Name Authorized Person Signing Permit Gary W. Thompson Phone 386-935-2118
 Address 3554 256th St O'Brien, Florida 32071
 Owners Name Ray Bowman and Karen McLain Phone 904-268-3540
 911 Address 655 SE Diamondback Glen High Springs FL 32643
 Contractors Name Gary W. Thompson Phone 386-935-2118
 Address 3554 256th Street O'Brien, FL 32071
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Keen Engineering & Surveying, Inc 9243 CR 417 Live Oak, FL 32060
 Mortgage Lenders Name & Address N/A

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

Property ID Number 10-75-17-09974-307 Estimated Cost of Construction 328,000⁰⁰
 Subdivision Name Jaguar Club Lot 7 Block _____ Unit _____ Phase _____
 Driving Directions 441 South, Go past oleno, go left on Diamondback Glen thru the gate (Combo 1234) 1st on left.
 Number of Existing Dwellings on Property _____

Construction of Single Family new construction Total Acreage 11 Lot Size 500x1050
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 19'11"
 Actual Distance of Structure from Property Lines - Front 200' Side 220' Side 143' Rear 725'
 Number of Stories 2 Heated Floor Area 2629 Total Floor Area 4614 Roof Pitch 10/12

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.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

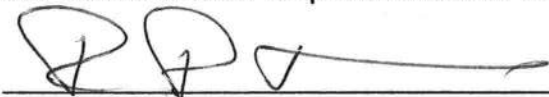
FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

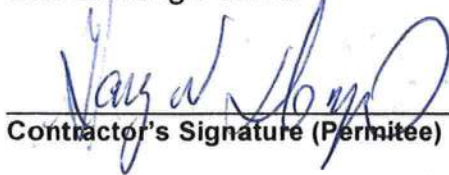
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes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

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



Owners Signature

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



Contractor's Signature (Permitee)

Contractor's License Number CRC046869
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4th day of January 2008.
Personally known ☒ or Produced Identification _____



State of Florida Notary Signature (For the Contractor)

SEAL:



Notice of Prevention for Subterranean Termites

(As required by Florida Building Code (FBC) 104.2.6)



Live Oak
PEST CONTROL, INC.

A locally owned
company serving
you since 1972

17856 U.S. 129 • McALPIN, FLORIDA 32062
(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

Permit # 1000 26666

Ray Bowman 655 Diamondback Blvd. Highgate FL.

Address of Treatment or Lot/Block of Treatment

Date 2/15/08

Time

9:00

Applicator

Matt & Duane

Product Used Timber

Chemical used (active ingredient)

Fipronil

Number of gallons applied

173 Gal.

Percent Concentration 12.5

Area treated (square feet)

2280

Linear feet treated

176

Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

As per 104.2.6 - If soil chemical barrier method for Subterranean termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial and date this line. _____