

DATE 05/01/2008

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000026970

APPLICANT STEPHEN D. MORGAN PHONE 386.466.1876

ADDRESS 173 SW LANCELOT GLN LAKE CITY FL 32024

OWNER SAM & JOANN ROBERSON PHONE 386.466.1876

ADDRESS 194 SW MARTIN GLN LAKE CITY FL 32055

CONTRACTOR FREDRICK L. PERRY PHONE 386.758.2236

LOCATION OF PROPERTY 41-N TO FALLING CREEK RD TO LASSIE BLACK TO MARTIN GLN,  
TL SITE ON THE L CORNER.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 149750.00

HEATED FLOOR AREA 2180.00 TOTAL AREA 2995.00 HEIGHT 19.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

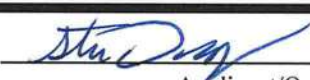
LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 12-2S-16-01600-000 SUBDIVISION \_\_\_\_\_

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 21.00

000001586 \_\_\_\_\_ CBC1252411 \_\_\_\_\_ 

Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor \_\_\_\_\_

WAIVER 08-0279 BLK JTH N

Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: NOC ON FILE. 1 FOOT ABOVE. EXEMPT FROM IMPACT FEES.

Check # or Cash 1772

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 \_\_\_\_\_

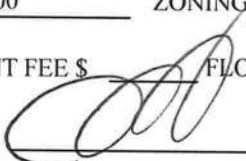

Reconnection \_\_\_\_\_ Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

M/H Pole \_\_\_\_\_ Travel Trailer \_\_\_\_\_ Re-roof \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

BUILDING PERMIT FEE \$ 750.00 CERTIFICATION FEE \$ 14.97 SURCHARGE FEE \$ 14.97

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 854.94

INSPECTORS OFFICE  CLERKS OFFICE 

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

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

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

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



## Columbia County Building Permit Application

1586

For Office Use Only Application # 0804-38 Date Received 4/17/08 By GT Permit # 269701  
 Zoning Official BLK Date 01.05.08 Flood Zone X FEMA Map # N/A Zoning A-3  
 Land Use A-3 Elevation N/A MFE State Rd River N/A Plans Examiner OKJTH Date 4-24-08  
 Comments Exempt from Impact Fees  
☒ NOC ☒ EH ☒ 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. 08-0279Fax 386-466-1876Name Authorized Person Signing Permit Stephen D. Morgan Phone 386-466-1876Address 173 SW Lancelot Glen Lake City FL 32024Owners Name Sam + Jo Ann Roberson Phone 386-758-2236911 Address 194 N.W. Martin Glen, L. C. FL 32055Contractors Name Fred Perry's Quality Const. Phone 386-752-2832Address 615 S.W. Sabre Ave. Lake City FL 32024Fee Simple Owner Name & Address N/ABonding Co. Name & Address N/AArchitect/Engineer Name & Address 192 SW Sagewood Glen / Mark Disobway  
Tim Delbene Lake City FL 32024 / P.O. Box 868 L.C. FL 32056Mortgage Lenders Name & Address N/ACircle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress EnergyProperty ID Number 12-25-16-61606-000 Estimated Cost of Construction \$145,000.-

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

Driving Directions Take 41 North to Falling Creek Rd. Turn Right. - Keep goingStraight - through Lasie Black - go approx 2 miles - Turn (L) onNW Martin Glen - House on corner left Number of Existing Dwellings on Property 1Construction of New Home Total Acreage 21 acres Lot Size \_\_\_\_\_Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 19 ftActual Distance of Structure from Property Lines - Front 135' Side 84' Side 1,100' Rear 480'Number of Stories 1 Heated Floor Area 2180 Total Floor Area 2995 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

↓  
 B.P. / WANG  
 #1772 #1773



**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.

*Sam Rabenstein*  
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.

*Fred L R*  
Contractor's Signature (Permitee)

Contractor's License Number CBO 1252411  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 14<sup>th</sup> day of April 2008.  
Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

*Loretta S Russ*  
State of Florida Notary Signature (For the Contractor)

SEAL:



JHN: WEEBIE

**Columbia County Building Department  
Culvert Waiver**

**Culvert Waiver No.  
000001586**

DATE: 05/01/2008

BUILDING PERMIT NO. 26970

APPLICANT STEPHEN D. MORGAN

PHONE 386.466.1876

ADDRESS 173 SW LANCELOT GLN

LAKE CITY

FL 32055

OWNER SAM & JOANN ROBERSON

PHONE 386.758.2236

ADDRESS 194 NW MARTIN GLN

LAKE CITY

FL 32024

CONTRACTOR FREDRICK L. PERRY

PHONE 386.752.2832

LOCATION OF PROPERTY 41-N TO FALLING CREEK RD, TR TO LASSIE BLACK TO MARTIN GLN, TL

AND THE SITE IS ON THE L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT \_\_\_\_\_

PARCEL ID # 12-2S-16-01600-000

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: 

A SEPARATE CHECK IS REQUIRED  
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

**PUBLIC WORKS DEPARTMENT USE ONLY**

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE  
CULVERT WAIVER IS:

✓ APPROVED

NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: \_\_\_\_\_

SIGNED: Willie Moates

DATE: May 7, 2008

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

135 NE Hernando Ave., Suite B-21  
Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160





EK 0871 PG 2650

OFFICIAL RECORDS

98-20993

This Instrument Prepared By  
S. AUSTIN PEELE  
BARRY, PEELE, GOWDON & PARRIS  
Attorneys at Law  
227 North Hernandez Street  
Lake City, Florida 33701

Intangible Tax  
P. DeWitt Cason  
Clerk of Court  
By MCX D.C.

WARRANTY DEED

FILED AND RECORDED IN PUBLIC  
RECORDS OF COLUMBIA COUNTY, FL

1998 DEC 30 PM 4:38

RECORD VERIFIED

REC. 12-30  
DOC. 12-30  
INT. 12-30

THIS WARRANTY DEED executed this 20<sup>th</sup> day of  
December, 1998, from LILLIAN MARTIN, an unmarried  
widow, CHARLES JONES, ROSEMARY J. KING and WILLIAM JONES, all of  
whom are married persons not residing on the property hereafter  
described and ELLA MAE JONES, a single person, whose mailing  
address is c/o LILLIAN MARTIN, 8971 St. Johns Parkway, Apartment  
9, Niagara Falls, New York 14304, ("Grantors") and SAM ROBERSON  
and JOANN ROBERSON, his wife, (Social Security numbers:             
           and           ) respectively, whose mailing address  
is 405 North Orange Avenue, Sarasota, Florida 34236 ("Grantees")

W I T N E S S E T H:

That the said first party, for and in consideration of the sum  
of TEN AND NO/100 (\$10.00) DOLLARS, in hand paid by the said second  
party, the receipt whereof is hereby acknowledged, does hereby  
remise, release and quit-claim unto the said Grantee forever, all  
the right, title, interest, claim and demand which the said first  
party has in and to the following described lot, piece or parcel of  
land, situate, lying and being in the county of Columbia, State of  
Florida, to wit:

TOWNSHIP 2 SOUTH, RANGE 16 EAST

SECTION 12: East 1/2 of SW 1/4 of NE 1/4; and  
one acre in the NW corner of SE 1/4  
of NE 1/4.

Tax Parcel Number: 12-2S-16-01600-000 (Part of)

N.B. Grantor LILLIAN MARTIN is the surviving spouse of PONCE  
D. MARTIN, also known as PONCE DELEON MARTIN, who died in  
Lake City, Columbia County, Florida on April 8, 1998, and  
the marriage between Grantor, LILLIAN MARTIN AND PONCE D.  
MARTIN was continuous from, prior to October 1, 1970  
through the date of death of the said PONCE D. MARTIN.

SUBJECT TO: All easements and rights of way of record and in visible use and existence and all outstanding mineral interests.

OFFICIAL RECORDS

TO HAVE AND TO HOLD the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said first party, either in law or equity, to the only proper use, benefit and behoof of the said Grantee forever.

IN WITNESS WHEREOF, the said Grantors have signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in the presence of:

Jacqueline Gibson  
Witness

Jacqueline Gibson  
(Print/type name)

Rev. Louis P. Atiles  
Witness

Rev. Louis P. Atiles  
(Print/type name)

Witnesses as to Lillian Martin

Jacqueline Gibson  
Witness

Jacqueline Gibson  
(Print/type name)

Rev. Louis P. Atiles  
Witness

Rev. Louis P. Atiles  
(Print/type name)

Witnesses as to Charles Jones

Jacqueline Gibson  
Witness

Jacqueline Gibson  
(Print/type name)

Rev. Louis P. Atiles  
Witness

Rev. Louis P. Atiles  
(Print/type name)

Witnesses as to Rosemary J. King

Lillian Martin (SEAL)  
LILLIAN MARTIN

Charles Jones (SEAL)  
CHARLES JONES

Rosemary J. King (SEAL)  
ROSEMARY J. KING



Signed, sealed and delivered  
in the presence of:

BK 0871 PG2652

Jacqueline Gibson  
Witness  
Sargeline Gibson  
(Print/type name)

William Jones (SEAL)  
OFFICIAL RECORDS  
WILLIAM JONES

Rev. Louis Hiles  
Witness  
Rev. Louis Hiles  
(Print/type name)  
Witnesses as to William Jones

Jacqueline Gibson  
Witness  
Sargeline Gibson  
(Print/type name)

Ella Mae Jones (SEAL)  
ELLA MAE JONES

Rev. Louis Hiles  
Witness  
Rev. Louis Hiles  
(Print/type name)  
Witnesses as to Ella Mae Jones

STATE OF NEW YORK

COUNTY OF NIAGARA

The foregoing instrument was acknowledged before me this 20<sup>th</sup>  
day of December, 1998, by LILLIAN MARTIN, who is  
personally known to me or has produced personally known to me  
as identification.

Jacqueline Gibson  
Notary Public, State of New York  
Jacqueline Gibson  
(Print/type name)

(NOTARIAL  
SEAL)

My Commission Expires:

JACQUELINE GIBSON #0056283  
Notary Public, State of New York  
Qualified in Niagara County  
My Commission Expires 4-7-2000

STATE OF NEW YORK

COUNTY OF NIAGARA

The foregoing instrument was acknowledged before me this 20<sup>th</sup>  
day of December, 1998, by CHARLES JONES, who is  
personally known to me or has produced personally known to me  
as identification.

Jacqueline Gibson  
Notary Public, State of New York  
Jacqueline Gibson  
(Print/type name)

(NOTARIAL  
SEAL)

My Commission Expires:

JACQUELINE GIBSON #0056283  
Notary Public, State of New York  
Qualified in Niagara County  
My Commission Expires 4-7-2000

STATE OF NEW YORK

COUNTY OF NIAGARA

BK 0871 PG 2653

OFFICIAL RECORDS  
The foregoing instrument was acknowledged before me this 20<sup>th</sup> day of December, 1998, by ROSEMARY J. KING, who is personally known to me or has produced personally known by me as identification.

(NOTARIAL  
SEAL)

Jacqueline Gibson  
Notary Public, State of New York  
Jacqueline Gibson  
(Print/type name)

My Commission Expires:

JACQUELINE GIBSON #4856283  
Notary Public, State of New York  
Qualified in Niagara County  
My Commission Expires 4-7-2000

STATE OF NEW YORK

COUNTY OF NIAGARA

The foregoing instrument was acknowledged before me this 20<sup>th</sup> day of December, 1998, by WILLIAM JONES, who is personally known to me or has produced personally known by me as identification.

(NOTARIAL  
SEAL)

Jacqueline Gibson  
Notary Public, State of New York  
Jacqueline Gibson  
(Print/type name)

My Commission Expires:

JACQUELINE GIBSON #4856283  
Notary Public, State of New York  
Qualified in Niagara County  
My Commission Expires 4-7-2000

STATE OF NEW YORK

COUNTY OF NIAGARA

The foregoing instrument was acknowledged before me this 20<sup>th</sup> day of December, 1998, by ELLA MAE JONES, who is personally known to me or has produced personally known by me as identification.

(NOTARIAL  
SEAL)

Jacqueline Gibson  
Notary Public, State of New York  
Jacqueline Gibson  
(Print/type name)

My Commission Expires:

JACQUELINE GIBSON #4856283  
Notary Public, State of New York  
Qualified in Niagara County  
My Commission Expires 4-7-2000

MARTIN, W.



0804-38

**OWNER IMPACT FEE OCCUPANCY AFFIDAVIT**

STATE OF FLORIDA  
COUNTY OF COLUMBIA

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

Joann Roberson  
Joann Roberson

1. Except as otherwise stated herein, Affiant has personal knowledge of the facts and matters set forth in this affidavit.

2. Affiant is the owner of the following described real property located in Columbia County, Florida, (herein "the property"):

- (a) Parcel No.: 12-25-16-01600-000  
(b) Legal description (may be attached): 194 N.W. Martin Glen  
Lake City 32055

3. Affiant has or will apply to the Columbia County Building Department for a building permit for the replacement of a building or dwelling unit on the property where no additional square footage or dwelling units will be created and will be located on the same property.

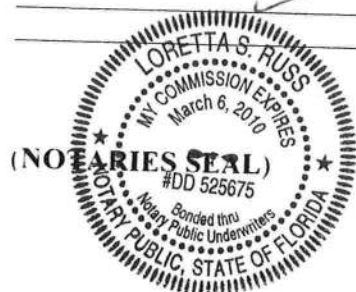
4. Either based upon Affiant's personal knowledge or the attached signed written statement of another person, a certificate of occupancy has been issued for the replacement building or dwelling on the property within seven (7) years of the date the previous building or dwelling unit was previously occupied. The building or dwelling unit was last occupied on currently

5. This affidavit is given for the purpose of obtaining an exemption pursuant to Article VIII, Section 8.01, Columbia County Comprehensive Impact Fee Ordinance No. 2007-40, adopted October 18, 2007, as may be amended.

Further Affiant sayeth naught.

Joann Roberson  
Print: Joann Roberson  
Address: 194 N.W. Martin Glen  
Lake City FL 32055

SWORN TO AND SUBSCRIBED before me this 30<sup>th</sup> day of April, 2008, by  
\_\_\_\_\_, who is personally known to me or who has produced  
\_\_\_\_\_, as identification.



Loretta S. Russ  
Notary Public, State of Florida  
3/6/2010  
My Commission Expires:

0804.38

REPLACEMENT SINGLE FAMILY RESIDENTIAL DWELLING AGREEMENT

The undersigned, Joann Roberson and on behalf of her husband Sam Roberson, (herein "Owners"), whose physical 911 address is 194 NW Martin Glen, Lake City, FL 32055, hereby understands by executing this Agreement that within 30 days after the issuing of a Certificate of Occupancy for the new single family residential dwelling, the kitchen facilities shall be removed from the existing house in order to comply with Columbia County Land Development Regulations (LDR's) on Owner's property as described below as follows:

Tax Parcel # 12-2S-16-01600-000, the East 1/2 of the Southwest 1/4 of the Northeast 1/4 and 1 acre in the Northwest corner of the Southeast 1/4 of the Northeast 1/4 of Section 12, Township 2 South, Range 16 East.

Owners have made application to COLUMBIA COUNTY, FLORIDA for a building permit (application #0804-38) which by definition in the Columbia County LDR's as a single family residential dwelling on the above reference property. Owners are aware and has been advised that any other uses shall comply with the LDR's and shall obtain any additional permitting or approval as required by the LDR's for such uses.

Owner and any future transferee of the property will at all times comply with the Columbia County Comprehensive Plan and Land Development Regulations regarding any development upon the property.

Dated this 1 Day of May, 2008.

Signed, sealed and delivered  
in the presence of:

Joann Roberson  
Joann Roberson

**STATE OF FLORIDA  
COUNTY OF COLUMBIA**

The foregoing instrument was acknowledged before me this 1<sup>st</sup> Day of May, 2008,  
by Joann Roberson Who is personally known to me or who  
has produced a \_\_\_\_\_ Driver's license as  
identification.

(NOTARIAL  
SEAL)



Loretta S. Russ  
Notary Public, State of Florida

My Commission Expires: 3/6/2010



0804-38  
JR

April 30, 2008

To: Columbia County Building Department

From: Sam and Joann Roberson

Subject: New home

This letter is for the purpose of clarify that we are building a new home and that the existing home will be used for storage only. We will be removing the kitchen sink for the existing home when the new house is finished. Thank you for your help in this matter.

Sincerely,

Joann Roberson

Joann Roberson

# Columbia County Property Appraiser

DB Last Updated: 3/10/2008

## 2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 12-2S-16-01600-000

### Owner & Property Info

&lt;&lt; Prev

Search Result: 2 of 3

Next &gt;&gt;

<b>Owner's Name</b>	ROBERSON SAM & JOANN		
<b>Site Address</b>			
<b>Mailing Address</b>	P O BOX 2875 SARASOTA, FL 34230		
<b>Use Desc. (code)</b>	SINGLE FAM (000100)		
<b>Neighborhood</b>	12216.00	<b>Tax District</b>	3
<b>UD Codes</b>	MKTA03	<b>Market Area</b>	03
<b>Total Land Area</b>	21.000 ACRES		
<b>Description</b>	E1/2 OF SW1/4 OF NE1/4 & 1 AC IN NW COR OF SE1/4 OF NE1/4 ORB 711-482, 711-484, 871-2650 & ORB 874-2199 CALLS FOR AAL THAT PART OF SE1/4 OF NE1/4 LYING WEST & NORTH OF RIVER ROAD		

### GIS Aerial



### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (1)	\$84,000.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (1)	\$44,755.00
<b>XFOB Value</b>	cnt: (2)	\$2,275.00
<b>Total Appraised Value</b>		\$131,030.00

<b>Just Value</b>	\$131,030.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$131,030.00
<b>Exempt Value</b>	\$0.00
<b>Total Taxable Value</b>	\$131,030.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
12/20/1998	871/2650	WD	I	Q		\$69,900.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1972	Average (05)	1300	1460	\$44,755.00
<b>Note:</b> All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0120	CLFENCE 4	2003	\$675.00	300.000	0 x 0 x 0	AP (50.00)
0190	FPLC PF	2003	\$1,600.00	1.000	0 x 0 x 0	(.00)

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	21.000 AC	1.00/1.00/1.00/1.00	\$4,000.00	\$84,000.00

Columbia County Property Appraiser

DB Last Updated: 3/10/2008

&lt;&lt; Prev

2 of 3

Next &gt;&gt;



# NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 12-25-16-01600-000

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): 194 NW Martin Glen Lake City FL 32055  
a) Street (job) Address: 194 NW Martin Glen Lake City FL 32055
2. General description of improvements: New House
3. Owner Information  
a) Name and address: Sam & Jo Ann Roberson 194 NW Martin Glen L.C. FL 32055  
b) Name and address of fee simple titleholder (if other than owner) \_\_\_\_\_  
c) Interest in property Owner
4. Contractor Information  
a) Name and address: Fred Perry's Quality Care  
b) Telephone No.: 386-752-2832 Fax No. (Opt.) 386-466-1876
5. Surety Information  
a) Name and address: \_\_\_\_\_  
b) Amount of Bond: \_\_\_\_\_  
c) Telephone No.: \_\_\_\_\_
6. Lender  
a) Name and address: \_\_\_\_\_  
b) Phone No. \_\_\_\_\_
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b).  
Florida Statutes:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.) \_\_\_\_\_
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): \_\_\_\_\_

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

STATE OF FLORIDA  
COUNTY OF COLUMBIA

10. Sam Roberson  
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager  
SHAI ROBERSON JR  
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 14th day of April, 2008, by:  
\_\_\_\_\_ as \_\_\_\_\_ (type of authority, e.g. officer, trustee, attorney  
fact) for \_\_\_\_\_ (name of party on behalf of whom instrument was executed).

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

Notary Signature Loretta J. Russ 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.

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





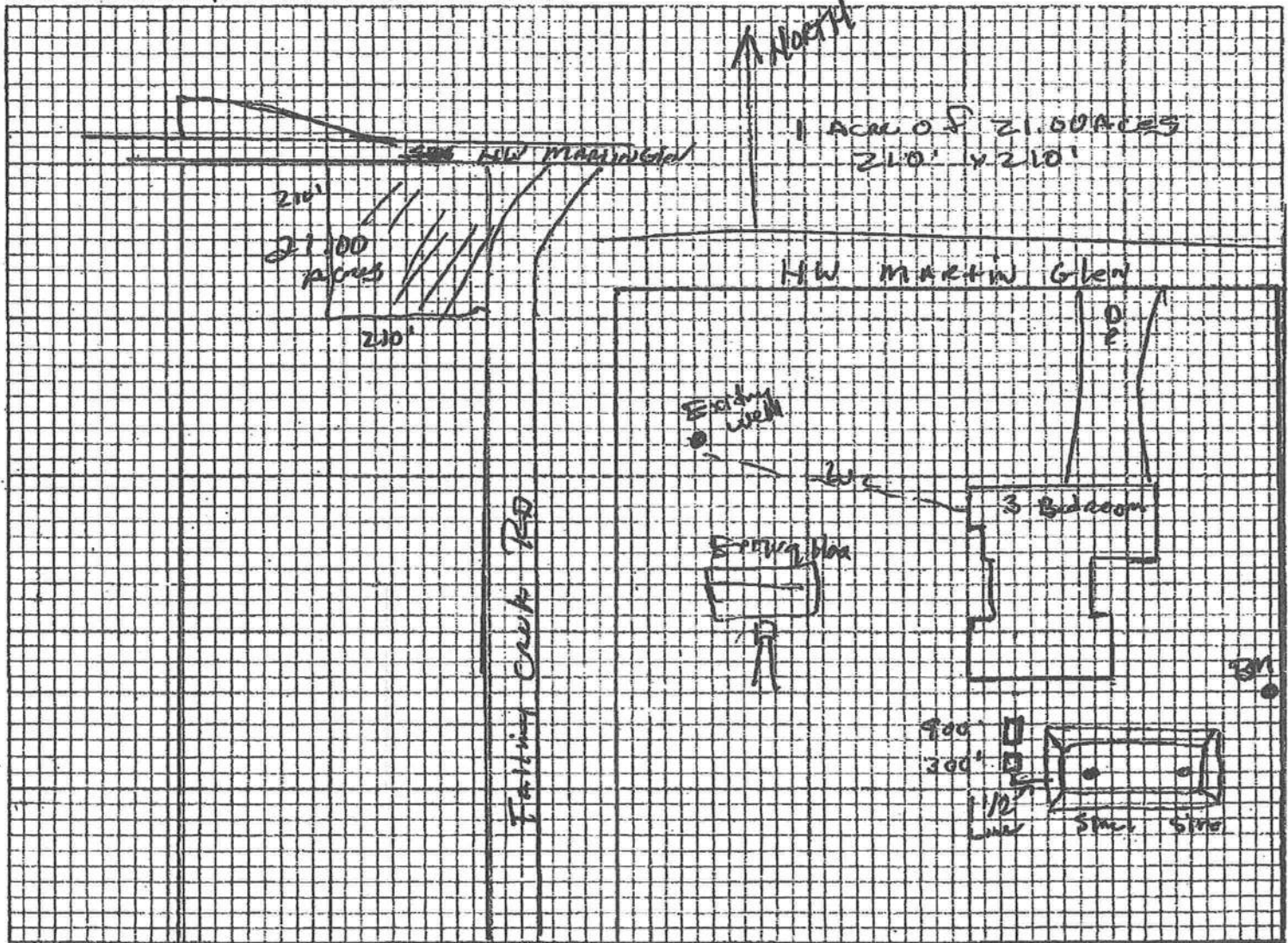
STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 08-0279

PART II - SITE PLAN

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



Notes: Sam & Joann Roberson

12-25-16-01600-000

21 acres

Site Plan submitted by: Robert W. D. Jr.

Signature

Plan Approved ☒

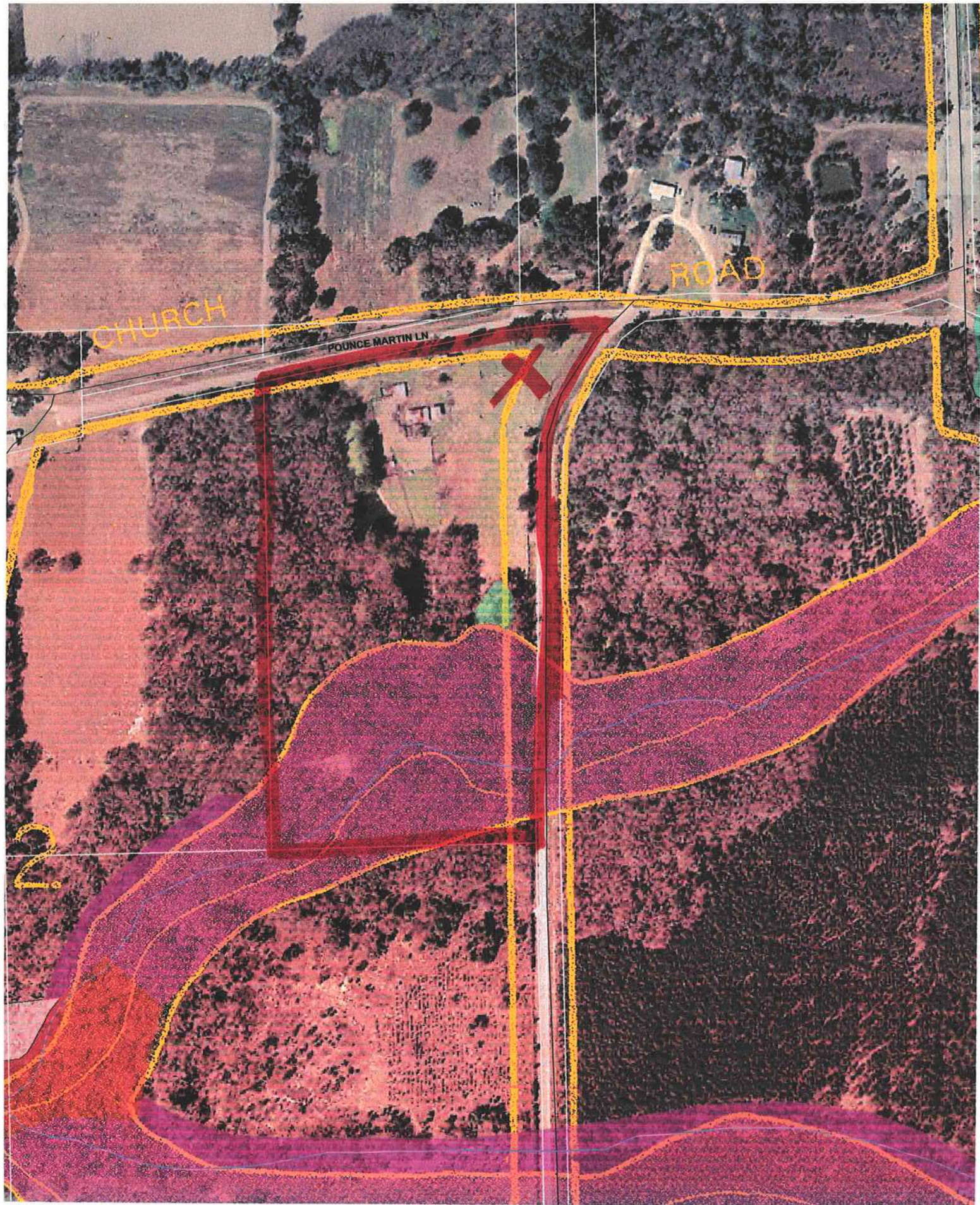
Not Approved ☐

By Robert W. D. Jr.

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





0804-38



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name: **Roberson Residence**  
Address: **NW Martin Glen**  
City, State: **Lake City, FL 32055-**  
Owner: **Roberson**  
Climate Zone: **North**

Builder: **Doug Morgan**  
Permitting Office: **Columbia Co**  
Permit Number: **26970**  
Jurisdiction Number: **121000**  
**221000**

- |  |                                |                       |
|--|--------------------------------|-----------------------|
| 1. New construction or existing              | New                            | ___                   |
| 2. Single family or multi-family             | Single family                  | ___                   |
| 3. Number of units, if multi-family          | 1                              | ___                   |
| 4. Number of Bedrooms                        | 3                              | ___                   |
| 5. Is this a worst case?                     | No                             | ___                   |
| 6. Conditioned floor area (ft <sup>2</sup> ) | 2218 ft <sup>2</sup>           | ___                   |
| 7. Glass area & type                         | Single Pane                    | Double Pane           |
| a. Clear glass, default U-factor             | 0.0 ft <sup>2</sup>            | 170.0 ft <sup>2</sup> |
| b. Default tint                              | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |
| c. Labeled U or SHGC                         | 0.0 ft <sup>2</sup>            | 0.0 ft <sup>2</sup>   |
| 8. Floor types                               |                                | ___                   |
| a. Slab-On-Grade Edge Insulation             | R=0.0, 229.0(p) ft             | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| 9. Wall types                                |                                | ___                   |
| a. Frame, Wood, Exterior                     | R=13.0, 1620.0 ft <sup>2</sup> | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| d. N/A                                       |                                | ___                   |
| e. N/A                                       |                                | ___                   |
| 10. Ceiling types                            |                                | ___                   |
| a. Under Attic                               | R=30.0, 2218.0 ft <sup>2</sup> | ___                   |
| b. N/A                                       |                                | ___                   |
| c. N/A                                       |                                | ___                   |
| 11. Ducts                                    |                                | ___                   |
| a. Sup: Unc. Ret: Unc. AH: Interior          | Sup. R=6.0, 15.0 ft            | ___                   |
| b. N/A                                       |                                | ___                   |

- |  |                                  |
|--|----------------------------------|
| 12. Cooling systems  |                                  |
| a. Central Unit  | Cap: 35.0 kBtu/hr<br>SEER: 14.00 |
| b. N/A   | ___                              |
| c. N/A   | ___                              |
| 13. Heating systems  |                                  |
| a. Electric Heat Pump  | Cap: 35.0 kBtu/hr<br>HSPF: 7.90  |
| b. N/A   | ___                              |
| c. N/A   | ___                              |
| 14. Hot water systems  |                                  |
| a. Electric Resistance   | Cap: 30.0 gallons<br>EF: 0.90    |
| b. N/A   | ___                              |
| c. Conservation credits<br>(HR-Heat recovery, Solar<br>DHP-Dedicated heat pump)  | ___                              |
| 15. HVAC credits   | PT, CF, ___                      |
| (CF-Ceiling fan, CV-Cross ventilation,<br>HF-Whole house fan,<br>PT-Programmable Thermostat,<br>MZ-C-Multizone cooling,<br>MZ-H-Multizone heating) |                                  |

Glass/Floor Area: 0.08

Total as-built points: 22275

Total base points: 31161

## PASS

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

**PREPARED BY:** Tim Delbene

**DATE:** 3/31/08

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

**OWNER/AGENT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

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

**BUILDING OFFICIAL:** \_\_\_\_\_

**DATE:** \_\_\_\_\_



# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2218.0	20.04	8000.8	Double, Clear	N	2.0	3.0	3.0	19.20	0.78	44.8
				Double, Clear	N	2.0	7.0	15.0	19.20	0.92	265.6
				Double, Clear	S	2.0	7.0	30.0	35.87	0.82	882.5
				Double, Clear	E	2.0	7.0	60.0	42.06	0.89	2235.8
				Double, Clear	W	2.0	5.0	12.0	38.52	0.80	369.5
				Double, Clear	W	2.0	7.0	15.0	38.52	0.89	512.4
				Double, Clear	W	7.0	7.0	15.0	38.52	0.53	306.5
				Double, Clear	W	10.0	8.0	20.0	38.52	0.48	368.2
				<b>As-Built Total:</b>		170.0			4985.3		
<b>WALL TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1620.0	1.50		2430.0	
Exterior	1620.0	1.70	2754.0								
<b>Base Total:</b>				<b>As-Built Total:</b>		1620.0			2430.0		
<b>DOOR TYPES</b> Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Insulated			21.0	4.10		86.1	
Exterior	21.0	6.10	128.1	Adjacent Insulated			21.0	1.60		33.6	
<b>Base Total:</b>				<b>As-Built Total:</b>		42.0			119.7		
<b>CEILING TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2218.0	1.73	3837.1	Under Attic	30.0		2218.0	1.73 X 1.00		3837.1	
<b>Base Total:</b>				<b>As-Built Total:</b>		2218.0			3837.1		
<b>FLOOR TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	229.0(p)	-37.0	-8473.0	Slab-On-Grade Edge Insulation	0.0		229.0(p)	-41.20		-9434.8	
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>As-Built Total:</b>		229.0			-9434.8		
<b>INFILTRATION</b> Area X BSPM = Points				Area X SPM = Points							
2218.0 10.21 22645.8				2218.0 10.21 22645.8							

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		28943.2		Summer As-Built Points:			24583.2								
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
28943.2		0.4266		12347.2	24583.2		1.000		(1.090 x 1.147 x 0.91)		0.244		0.902		6153.5
					24583.2		1.00		1.138		0.244		0.902		6153.5



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2218.0	12.74	5086.3	Double, Clear	N	2.0	3.0	3.0	24.58	1.01	74.7
				Double, Clear	N	2.0	7.0	15.0	24.58	1.00	369.9
				Double, Clear	S	2.0	7.0	30.0	13.30	1.17	467.1
				Double, Clear	E	2.0	7.0	60.0	18.79	1.05	1178.8
				Double, Clear	W	2.0	5.0	12.0	20.73	1.06	263.5
				Double, Clear	W	2.0	7.0	15.0	20.73	1.03	320.6
				Double, Clear	W	7.0	7.0	15.0	20.73	1.17	362.8
				Double, Clear	W	10.0	8.0	20.0	20.73	1.19	493.6
				<b>As-Built Total:</b>		170.0			3531.1		
<b>WALL TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1620.0	3.40		5508.0	
Exterior	1620.0	3.70	5994.0								
<b>Base Total:</b> 1620.0 5994.0				<b>As-Built Total:</b>		1620.0			5508.0		
<b>DOOR TYPES</b> Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	21.0	11.50	241.5	Exterior Insulated			21.0	8.40		176.4	
Exterior	21.0	12.30	258.3	Adjacent Insulated			21.0	8.00		168.0	
<b>Base Total:</b> 42.0 499.8				<b>As-Built Total:</b>		42.0			344.4		
<b>CEILING TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2218.0	2.05	4546.9	Under Attic	30.0		2218.0	2.05 X 1.00		4546.9	
<b>Base Total:</b> 2218.0 4546.9				<b>As-Built Total:</b>		2218.0			4546.9		
<b>FLOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	229.0(p)	8.9	2038.1	Slab-On-Grade Edge Insulation	0.0		229.0(p)	18.80		4305.2	
Raised	0.0	0.00	0.0								
<b>Base Total:</b> 2038.1				<b>As-Built Total:</b>		229.0			4305.2		
<b>INFILTRATION</b> Area X BWPM = Points				Area X WPM = Points							
2218.0 -0.59 -1308.6				2218.0 -0.59 -1308.6							

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 16856.5				Winter As-Built Points: 16926.9						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16856.5		0.6274	10575.8	16926.9		1.000	(1.069 x 1.169 x 0.93)	0.432	0.950	8066.9
				16926.9		1.00	1.162	0.432	0.950	8066.9

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
<b>WATER HEATING</b>									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
3		2746.00	8238.0	30.0	0.90	3	1.00	2684.98	1.00 8054.9
				As-Built Total:					8054.9

**CODE COMPLIANCE STATUS**

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
12347		10576		8238 31161	6154		8067		8055 22275

**PASS**



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: NW Martin Glen, Lake City, FL, 32055-

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	✓
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	✓
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	✓
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	✓
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

**6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)**

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	N/A
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	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. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

**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 12-2S-16-01600-000

Building permit No. 000026970

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder FREDRICK L. PERRY

Waste:           

Owner of Building SAM & JOANN ROBERSON

Total: 0.00

Location: 194 SW MARTIN GLEN, LAKE CITY, FL

Date: 09/10/2008

Building Inspector

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





# 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:1TFY8228Z0119111641

Truss Fabricator: Anderson Truss Company  
Job Identification: 8-087--Frederick Perry Construct Roberson -- , \*\*  
Truss Count: 34  
Model Code: Florida Building Code 2004 and 2006 Supplement  
Truss Criteria: ANSI/TPI-2002(STD)/FBC  
Engineering Software: Alpine Software, Version 7.36.  
Structural Engineer of Record: The identity of the structural EOR did not exist as of  
Address: the seal date per section 61G15-31.003(5a) of the FAC  
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration  
Floor - N/A  
Wind - 110 MPH ASCE 7-02 -Closed

## Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: TCFILLER-BCFILLER-TCFILLER-BCFILLER-REPBCFIL-BRCLBSUB-CNBRGK-



Seal Date: 03/19/2008

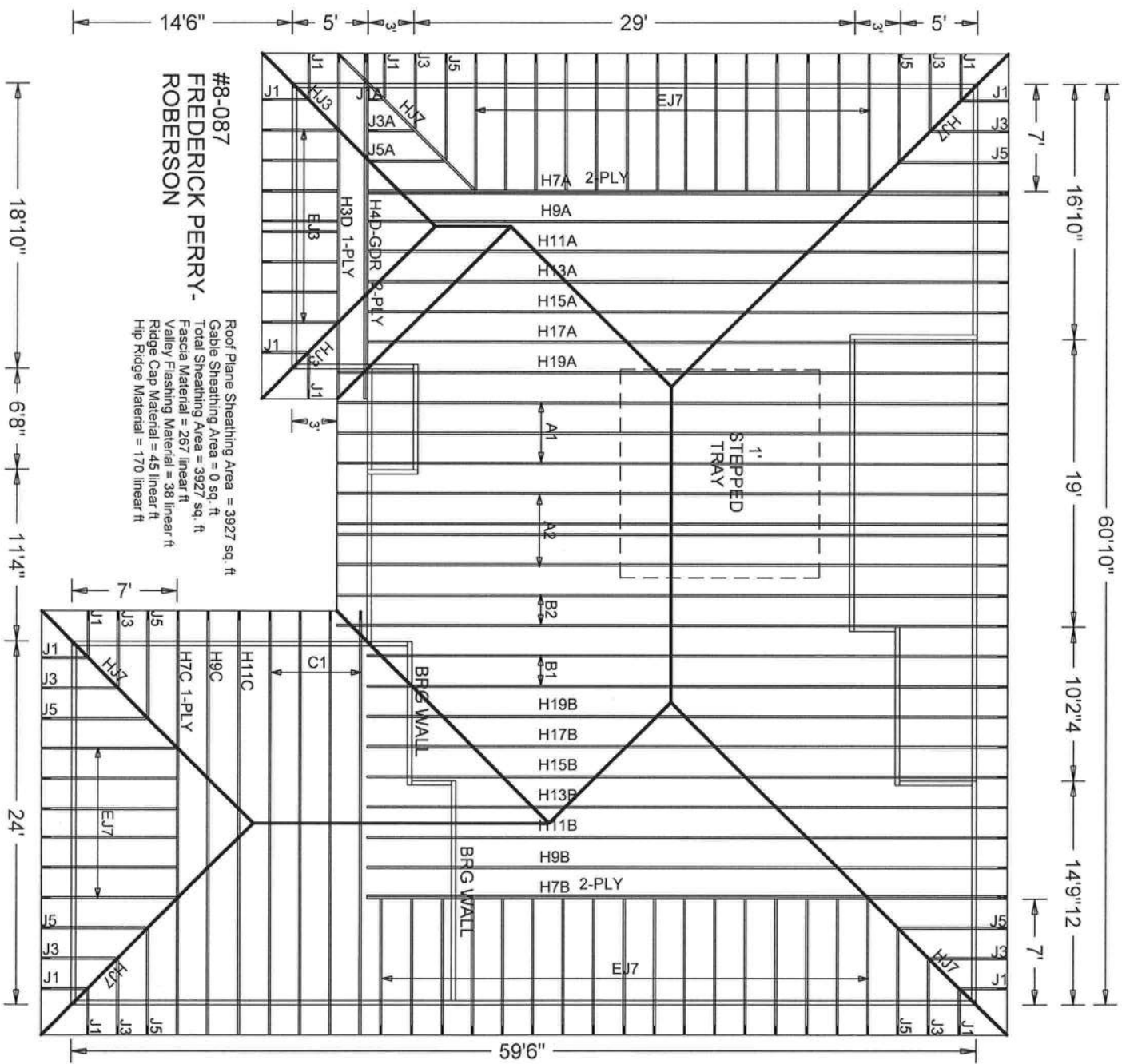
-Truss Design Engineer-  
James F. Collins Jr.

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

#	Ref	Description	Drawing#	Date
1	00115--H7A		08079047	03/19/08
2	00116--H9A		08079028	03/19/08
3	00117--H11A		08079029	03/19/08
4	00118--H13A		08079030	03/19/08
5	00119--H15A		08079031	03/19/08
6	00120--H17A		08079032	03/19/08
7	00121--H19A		08079033	03/19/08
8	00122--A1		08079034	03/19/08
9	00123--A2		08079035	03/19/08
10	00124--H7B		08079048	03/19/08
11	00125--H9B		08079021	03/19/08
12	00126--H11B		08079022	03/19/08
13	00127--H13B		08079023	03/19/08
14	00128--H15B		08079036	03/19/08
15	00129--H17B		08079037	03/19/08
16	00130--H19B		08079038	03/19/08
17	00131--B1		08079039	03/19/08
18	00132--B2		08079040	03/19/08
19	00133--H7C		08079049	03/19/08
20	00134--H9C		08079024	03/19/08
21	00135--H11C		08079025	03/19/08
22	00136--C1		08079026	03/19/08
23	00137--H3D		08079052	03/19/08
24	00138--H4D-GDR		08079050	03/19/08
25	00139--EJ7		08079002	03/19/08
26	00140--EJ3		08079041	03/19/08
27	00141--J5		08079042	03/19/08
28	00142--HJ7		08079051	03/19/08
29	00143--J3		08079043	03/19/08
30	00144--J1		08079044	03/19/08
31	00145--HJ3		08079001	03/19/08
32	00146--J5A		08079045	03/19/08
33	00147--J3A		08079046	03/19/08
34	00148--J1A		08079027	03/19/08







JOB DESCRIPTION:: Frederick Perry Construct  
 /: Roberson

JOB NO:

8-087

PAGE NO:

1 OF 1

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

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

Wind reactions based on MWFRS pressures.

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

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

## 2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d\_Common\_(0.148"x3.25",\_min.)\_nails)

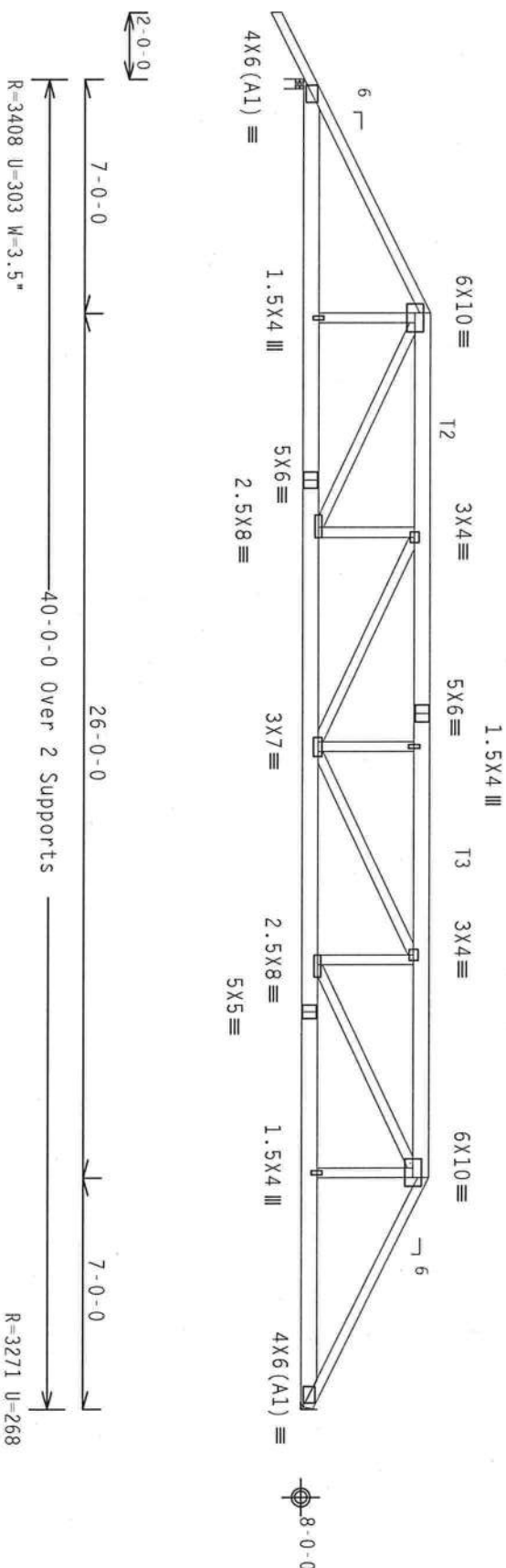
Top Chord:	1 Row	@12.00"	0.c.c.
Bot Chord:	1 Row	@12.00"	0.c.c.

Webs : 1 Row @ 4" o.c.

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

Roof overhang supports 2.00 psf soffit load.

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



PLT TYP. Wave

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

7.36.0424

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

Scale = .1875"/Ft.

**WARNING:** THESE PRODUCTS REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACKETING TO MEET BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS PLATING INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND 6000 TRUSS COMPANY OF AMERICA, 65000 ENTERPRISE LANE, NORTON, VA 53719 FOR SAFETY PRACTICES AND PRICES TO PROTECT THE INTERESTS OF MEMBERS. UNLESS OTHERWISE INDICATED, THE 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

TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/18/16GA (W.H/55/K) ASIM A653 GRADE 40/60 (W. K/H.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF BEAMS AND UNLESS OTHERWISE LOCATED ON THIS DETAIL POSITION PER DRAWING (SEE 7).

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

BUILDING DESIGNER PER ANSI/API 1 SEC. 2.

ALPINE

**ITW Building Components Group Inc.**

Haines City, FL 33844



TC LL	20.0 PSF	REF	R8228- 115
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079047
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	80566
DUR.FAC.	1.25	FROM	AH

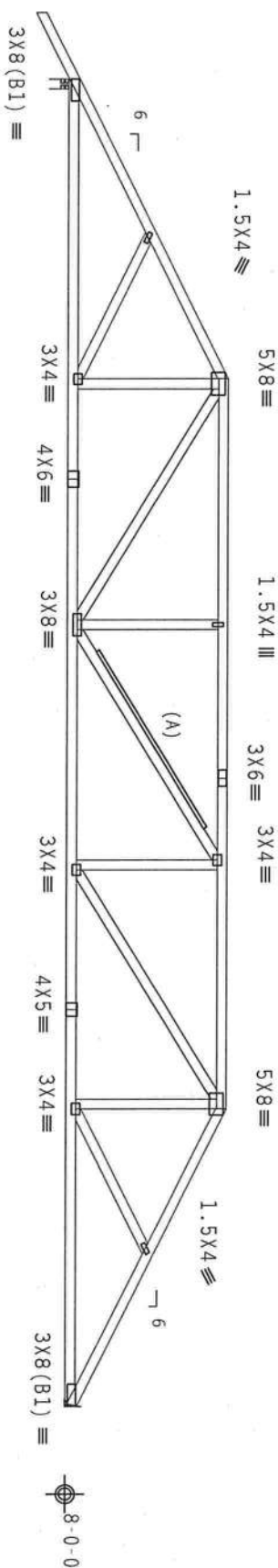
	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	Web	2x4	SP	#3		

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

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

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 GCpf(+/-)-0.18

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



2-0-0

0-0-6

22-0-0

0-0-6

R=1786 U=184 W=3.5"

R=1642 U=158

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

QTY:1

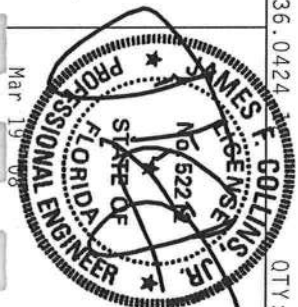
FL/-/4/-/-/R/-/

Scale = .1875"/Ft.

**WARNING:** THESE BUILDING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST (BIDDING COMPONENTS INFORMATION), CONSULT THE CITY (THIRD PARTY INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND UIC (6060 10855 CONDUCT, OF AMERICA, 6500 ENTERPRISE LANE, MOUNTAIN VIEW, MI 48037) 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.

**ITW Building Components Group Inc.**

FI Certificate of Authorization # 0 278



Mar 19 08

TC LL	20.0 PSF	REF	R8228- 116
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCSUR8228 08079028
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SE0N-	80571
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TFY8228Z01

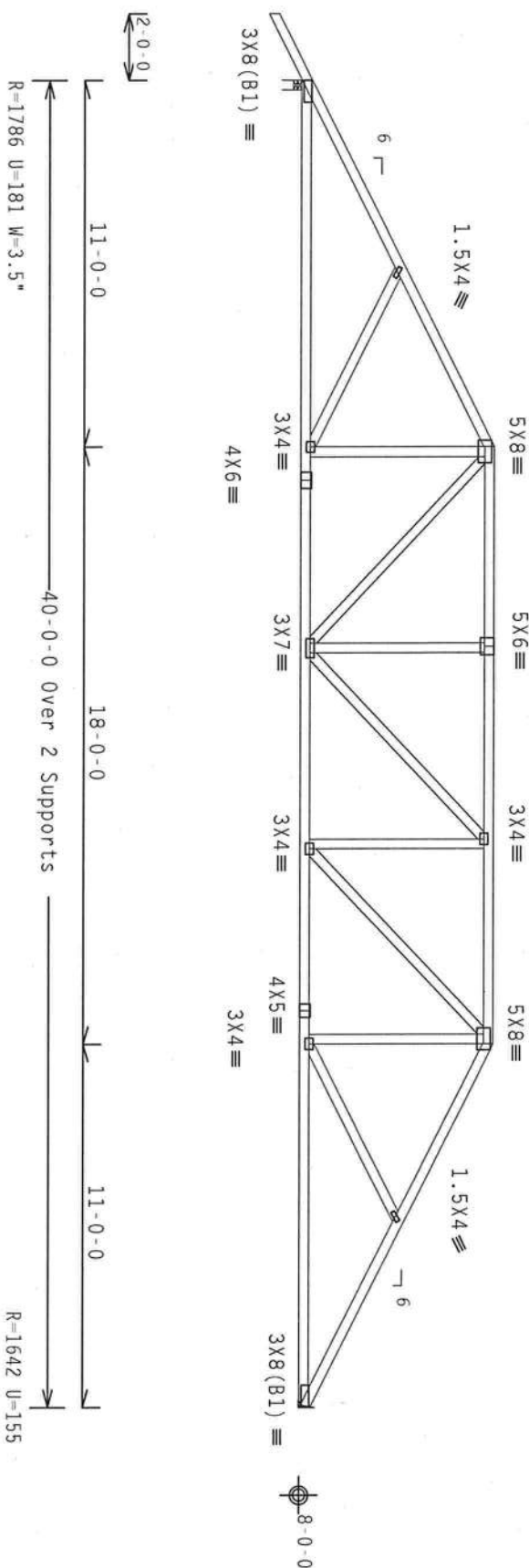


Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webs	2x4	SP	#3	

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

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

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



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

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

7.36.0424.12

QTY:1

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

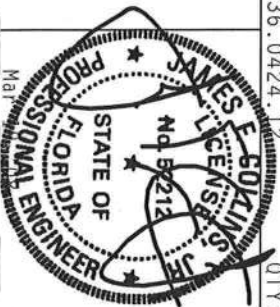
Scale = .1875"/Ft.

**\*WARNING\***—TRUCKS CLOUTING EXTERIOR CASE IN EMBARCADERO, UNLOADING, SHIPPING, INSTALLING AND REACTING REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE GROSS PANEL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WELCH GOOD TRUSS COMPANY OF AMERICA, 65000 ENTERPRISE LAKE, MONTICELLO, MI 49751 FOR SAFETY PRACTICES AND TECHNIQUE TO PERFORMING THESE FUNCTIONS. INTERSECTION INDICATED THAT CHORD SHALL HAVE PROPERLY ATTACHED STRUCUTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BEAM CEILING.

ALPINE

**ITW Building Components Group Inc.**

Haines City, FL 33844  
FL Certificate of Authorization # 00778



TC LL	20.0 PSF	REF	R8228- 117
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079029
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80576
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

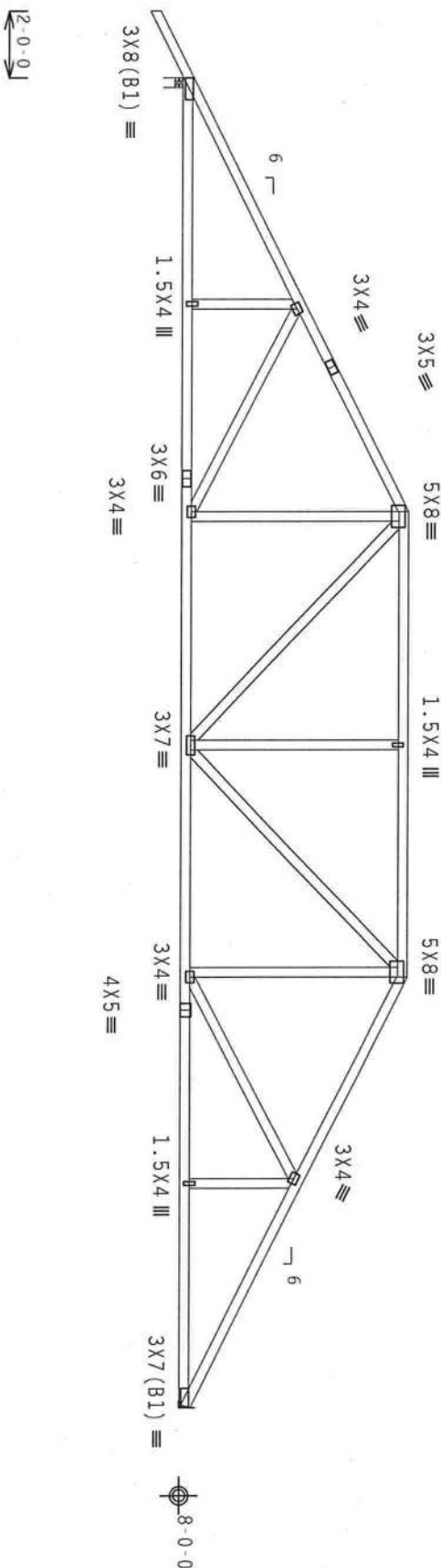
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



R=1786 U=180 W=3.5"

R=1642 U=154

PLT TYP. Wave

Design CRT: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0.0)

7.36.0424

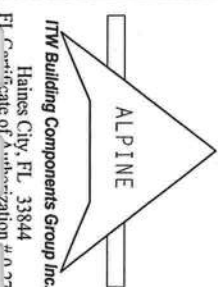
QTY: 1 FL/-/4/-/R/-

Scale = .1875"/ft.

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

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

DESIGN CORRECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PA) AND TPI. TPI BCG CONNECTION PLATES ARE MADE OF 20/10/10GA (A, B/S/S) ASH 6053 GRADE 40/60 (A, B/S/S) GALV. STEEL. APPLY AN INSPECTION OF PLATES AND BOLTS. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. FOR THE TRUSS COMPONENT DESIGN SHOWN, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-118
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079030
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80581
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228201

THIS WAS PREPARED FROM COMPUTER INPUT (LWAS & DIMENSIONS) SUBMITTED BY KUSS MFK.

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.

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

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



Scale = .1875"/Ft.

BRACING.  
TOTE, 210  
A, 6300  
UNLESS  
SHALL HAVE

Haines City, FL 33844  
FL Certificate of Authorization #0070



TC LL	20.0 PSF	REF	R8228- 119
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCSR8228 08079031
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80586
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TFY8228201

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

Roof overhang supports 2.00 psf soffit load.

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

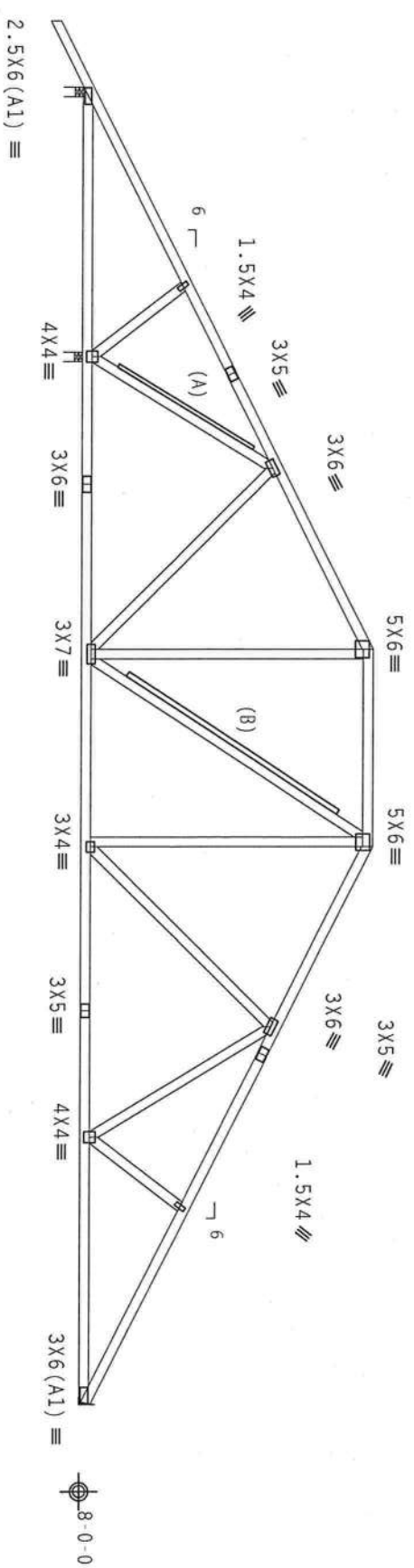
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, PART. ENC. bldg. not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 Gcp1(+)=0.55

Wind reactions based on MMFRS pressures.

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

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



2'-0-0"  
8'-1-12"  
17'-0-0"  
40'-0-0" Over 3 Supports  
R=229 U=39 W=3.5"  
R=1950 U=449 W=3.5"  
R=1250 U=281

PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 7.36.0424 OTY:1 FL/-/4/-/R/- Scale =.1875"/ft.

\*\*\*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), 210 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. TITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. DESIGN CONFORMS WITH THE CODE OF 2010/1604 (2010/1604) ASHRAE 62.1-2010 (ASHRAE 62.1-2010) FOR DESIGN OF TRUSSES. ANY INSPECTION OF TRUSSES SHALL BE FOLLOWED BY (1) SHALL BE PERFORMED AS OF THE DESIGN. ANY INSPECTION OF TRUSSES SHALL BE FOLLOWED BY (1) SHALL BE PERFORMED AS OF THE DESIGN. ANY INSPECTION OF TRUSSES SHALL BE FOLLOWED BY (1) SHALL BE PERFORMED AS OF THE DESIGN.

ALPINE  
Haines City, FL 33844  
FL Certificate of Authorization #0-790



TC LL	20.0 PSF	REF	R8228-120
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCSR8228 08079032
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	80591
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228201



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

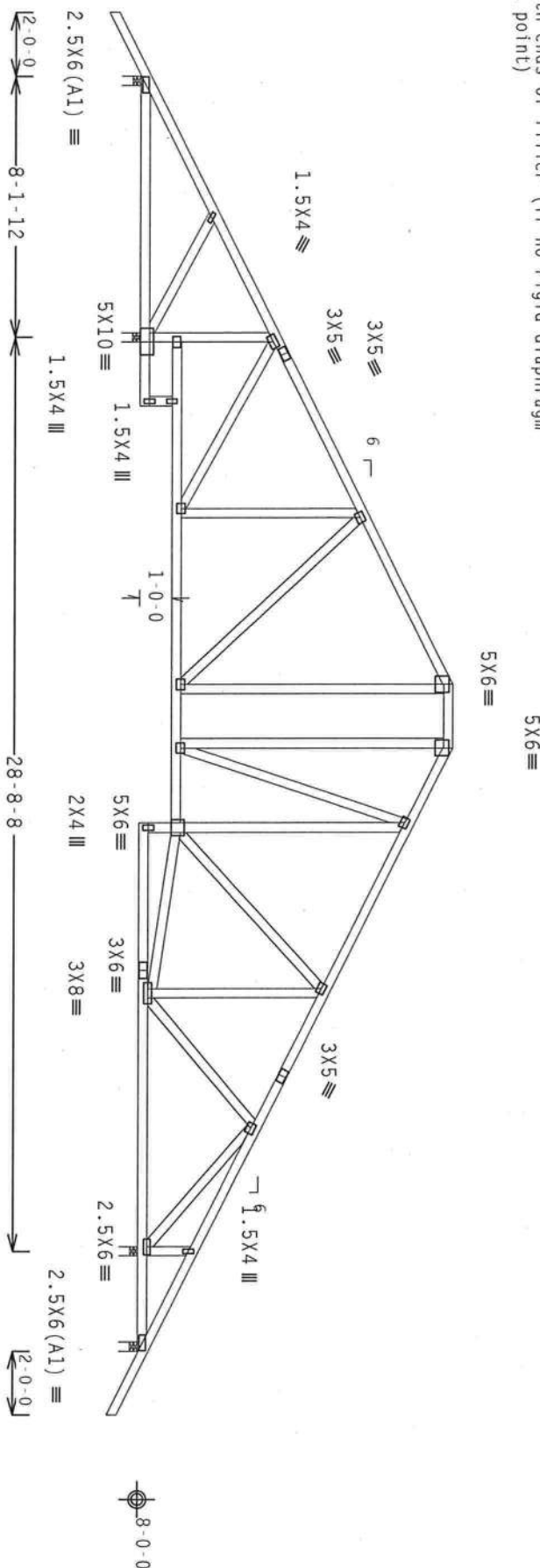
Roof overhang supports 2.00 psf soffit load.

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

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

See detail BCFILLER0207, TCFILLER0207 and REPBCL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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(+/-)-0.55  
Wind reactions based on MWFRS pressures.  
See DWGS TCFILLER0207 and BCFILLER0207 for filler details.  
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



R=376 U=108 W=3.5" R=1599 U=318 W=3.5"

R=1541 U=359 W=3.5"  
R=46 Rw=83 U=125 W=3.5"

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

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

7.36.0424

QTY:1

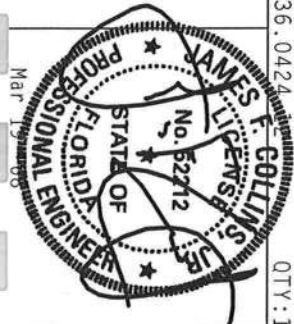
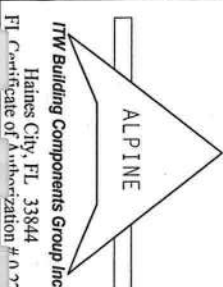
FL/-/4/-/-/R/-

Scale = .1875"/ft.

**\*\*WARNING\*\*** TROSSER RIGID EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD IN CONFORMANCE WITH THE TPI OR FABRICATOR'S INSTRUCTIONS, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPONEN WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AIA/PAI AND TPI. THE BCG, INC. IS NOT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD IN CONFORMANCE WITH THE TPI OR FABRICATOR'S INSTRUCTIONS, SHIPPING, INSTALLING & BRACING OF TRUSSES. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE STABILITY 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	R8228-121
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCSR8228 08079033
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	80596
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

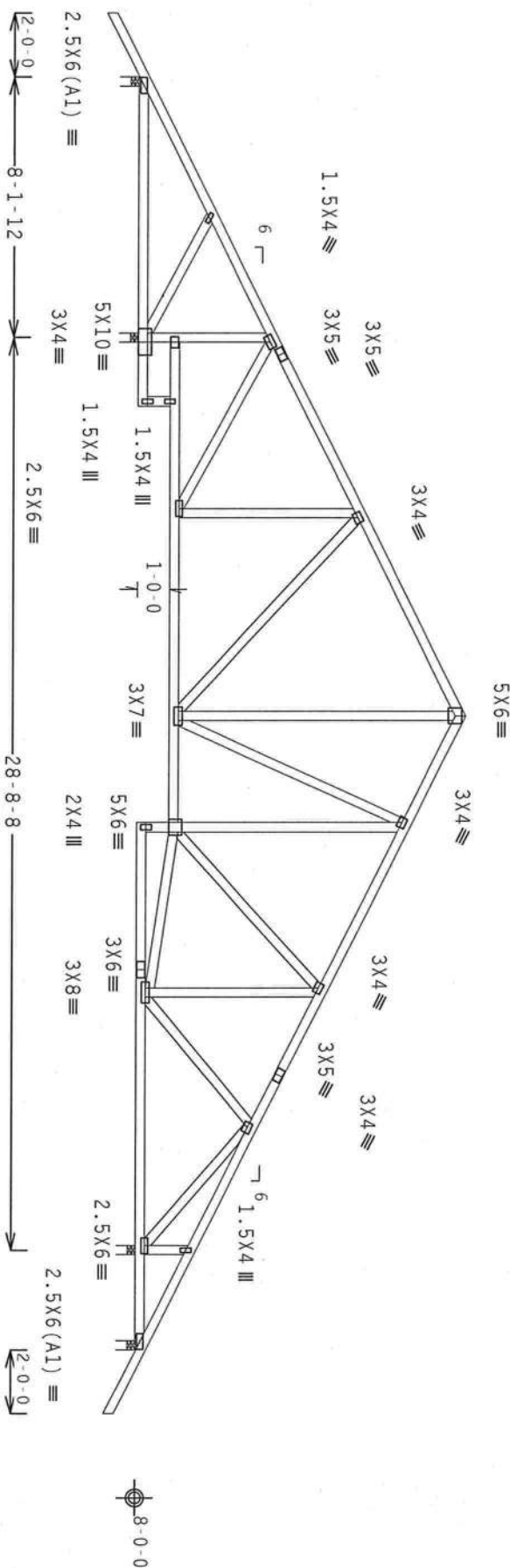
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3  
Filler 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

See detail BCFILLER0207, TCFILLER0207 and REPBFCFL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 Gcp1(+/-)=0.55  
Wind reactions based on MMFRS pressures.  
See DWGS TCFILLER0207 and BCFILLER0207 for filler details.  
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



10-3-8 8-3-8 20-0-0 15-0-12 40-0-0 Over 4 Supports 29-8-8 20-0-0 16-7-12

R=362 U=106 W=3.5" R=1625 U=320 W=3.5"

R=1459 U=348 W=3.5" R=116 Rw=122 U=86 W=3.5"

PLT TYP. Wave

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

7.36.0424.12

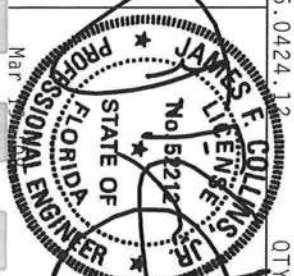
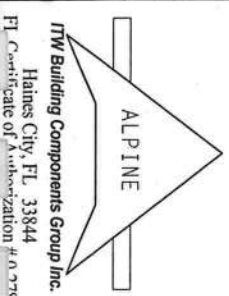
QTY:3 FL/-/4/-/R/-

Scale = .1875"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PRINTED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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\*\*** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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 COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. THE BCG PRODUCTION PLANTS ARE MADE OF 20/10/160A (40/55/75) ASH/DO5 ORANGE 40/60 (4, 6/10/55) GALT. STEEL, APPLY PROTECTIVE COATINGS TO ALL EXPOSED SURFACES. THIS DESIGN IS FOR THE TRUSS ONLY. IN THIS DRAWING, INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-122
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079034
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	80602
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.





Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:  
Bot chord 2x6 SP #2  
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

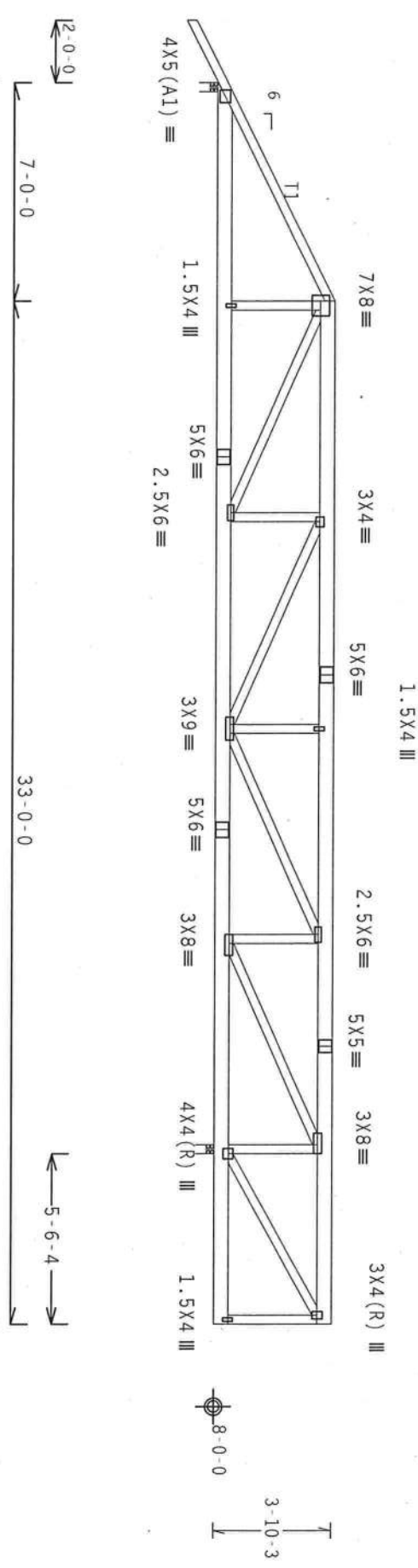
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

## 2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common @0.148"x3.25",\_min.)\_nails)  
Top Chord: 1 Row @12.00" o.c.  
Bot Chord: 1 Row @12.00" o.c.  
Webs : 1 Row @ 4" o.c.  
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

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



R=2836 U=256 W=3.5"

R=3964 U=316 W=3.5"

PLT TYP. Wave

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

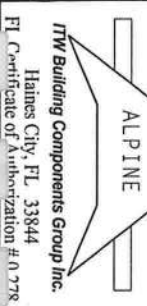
7.36.042

OTY:1 FL/-/4/-/-/R/-

Scale =.1875"/ft.

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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. TITW 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 Building Components Group Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #A-0778



TC LL	20.0 PSF	REF R8228-124
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUR8228 08079048
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 80651
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228Z01

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.

Right end vertical not exposed to wind pressure.

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



R=1901 U=236 W=3.5"

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

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

7.36.0424

QTY:1

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

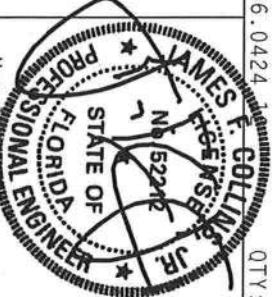
Scale = .1875"/Ft.

**\*MAINING** - \*TRAILERS (BUILDING EXTERIOR, CAFE IN FABRICATION), \*HANDLING, \*SHIPPING, \*INSTALLING AND \*REPAIRING REFER TO AC308 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PRACTICE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND \*TRUSS COUNCIL OF AMERICA, 63000 WILLOW CREEK, WISCONSIN, WI 53170 FOR SAFETY PRACTICES AND MICH TO PERFORMING THE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CEILING.

**ITW Building Components Group Inc**

Haines City, FL 33844

FI Certificate of Authorization # 00778



Mar 19 2008

TC LL	20.0 PSF	REF	R8228- 125
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079021
BC LL	0.0 PSF	HC-ENG JB/AP	*
TOT.LD.	40.0 PSF	SEQN-	80644
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

Roof overhang supports 2.00 psf soffit load.

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

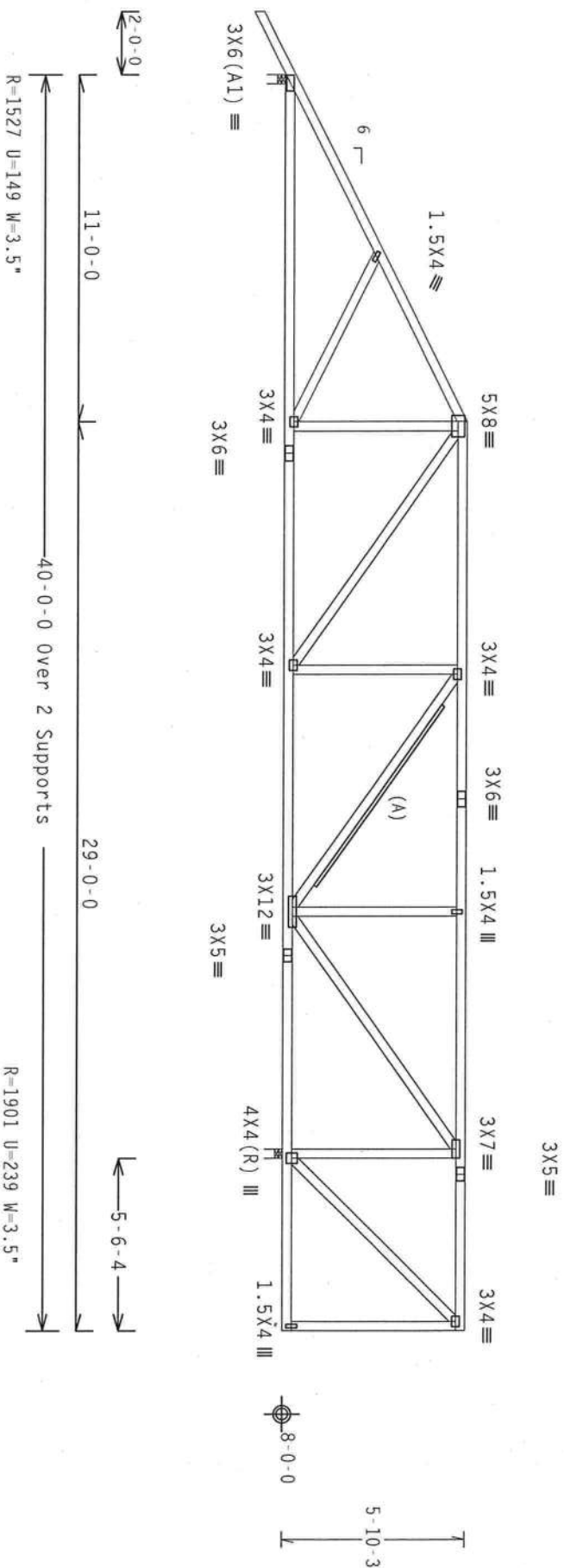
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. 1w=1.00 Gcpi (+/-)-0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

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

7.36.0424

QTY:1

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

Scale = .1875"/Ft.

\*\*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 ALAPA) AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALAPA) AND TPI. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNE AS OF TPI-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL Certificate of Authorization #03790



TC LL	20.0 PSF	REF	R8228- 126
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079022
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	80512
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01



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

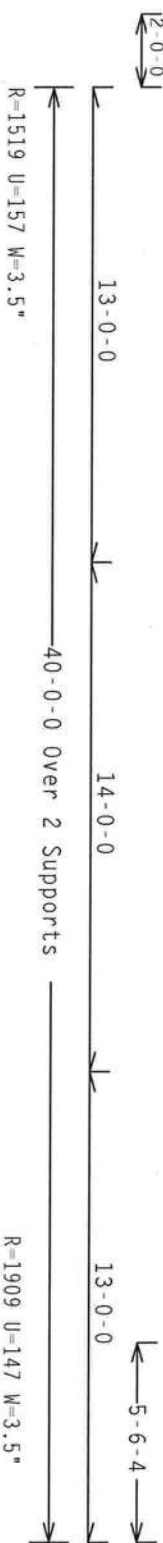
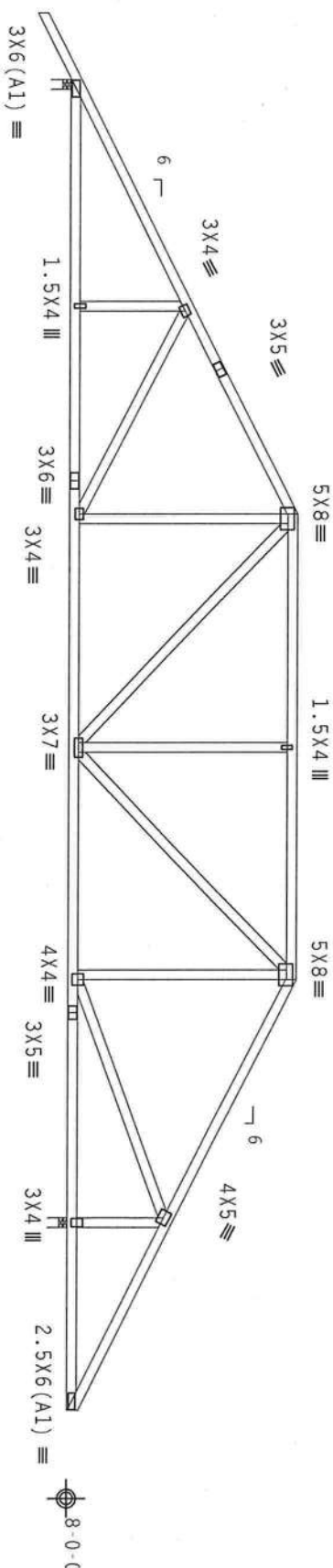
Roof overhang supports 2.00 psf soffit load.

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

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 MMFRS pressures.

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



PLT TYP. Wave

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

7.36.0424.12

QTY:1

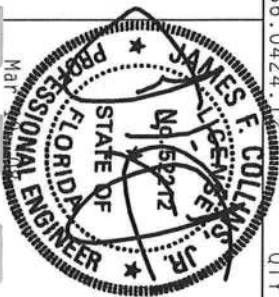
FL/-/4/-/-/R/-

Scale = .1875"/Ft.

\*\*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, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

ITW Building Components Group Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #000790



TC LL	20.0 PSF	REF R8228-127
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUR8228 08079023
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEQN- 80637
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228Z01

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

Roof overhang supports 2.00 psf soffit load.

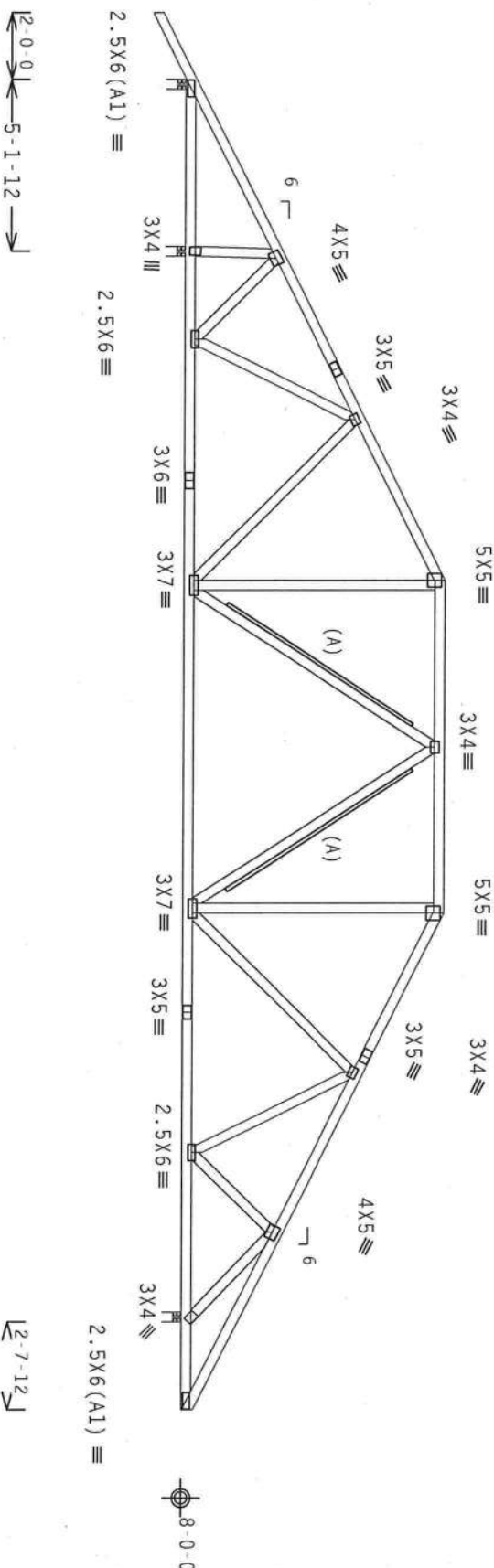
(A) 1x4 #3 or better "T" brace, 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCP1(+/-)=0.55

Wind reactions based on MMFRS pressures.

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



2'-0-0  
5'-1-12  
15'-0-0  
10'-0-0  
15'-0-0  
40'-0-0 Over 3 Supports  
R=135 U=36 W=3.5"  
R=1772 U=414 W=3.5"  
R=1522 U=301 W=3.5"

PLT TYP. Wave

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

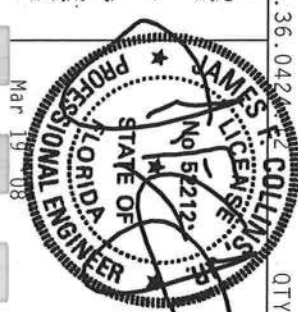
QTY: 1 FL/-/4/-/-/R/-

Scale = .1875"/ft.

\*\*\*WARNING\*\*\* THUSSES REQUIRE EXTREME CARE IN FABRICATION, MARKING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (WOOD PRESERVATION) 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MODISON, MI 52719) 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 TRUSS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THUSSES.

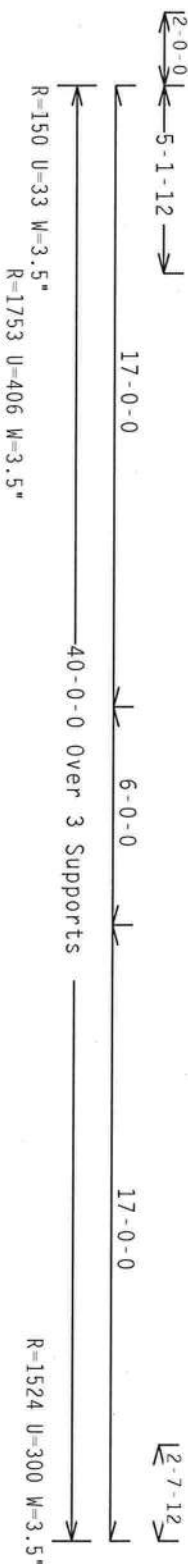
ALPINE  
ITW Building Components Group Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0279



TC LL	20.0 PSF	REF R8228- 128
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUR8228 08079036
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEON- 80632
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	UREF- 1TFY8228201

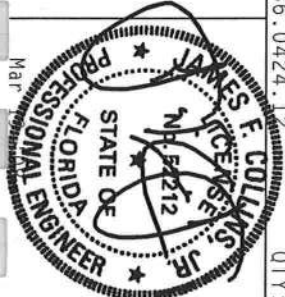
Deflection meets  $L/240$  live and  $L/180$  total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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 (+/-)0.55



Scale = 1875"/Ft.

Haines City, FL 33844  
FL Certificate of Authorization #00070



TC LL	20.0 PSF	REF	R8228- 129
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079037
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80627
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1TFY8228Z01



Wind reactions based on MWFRS pressures.

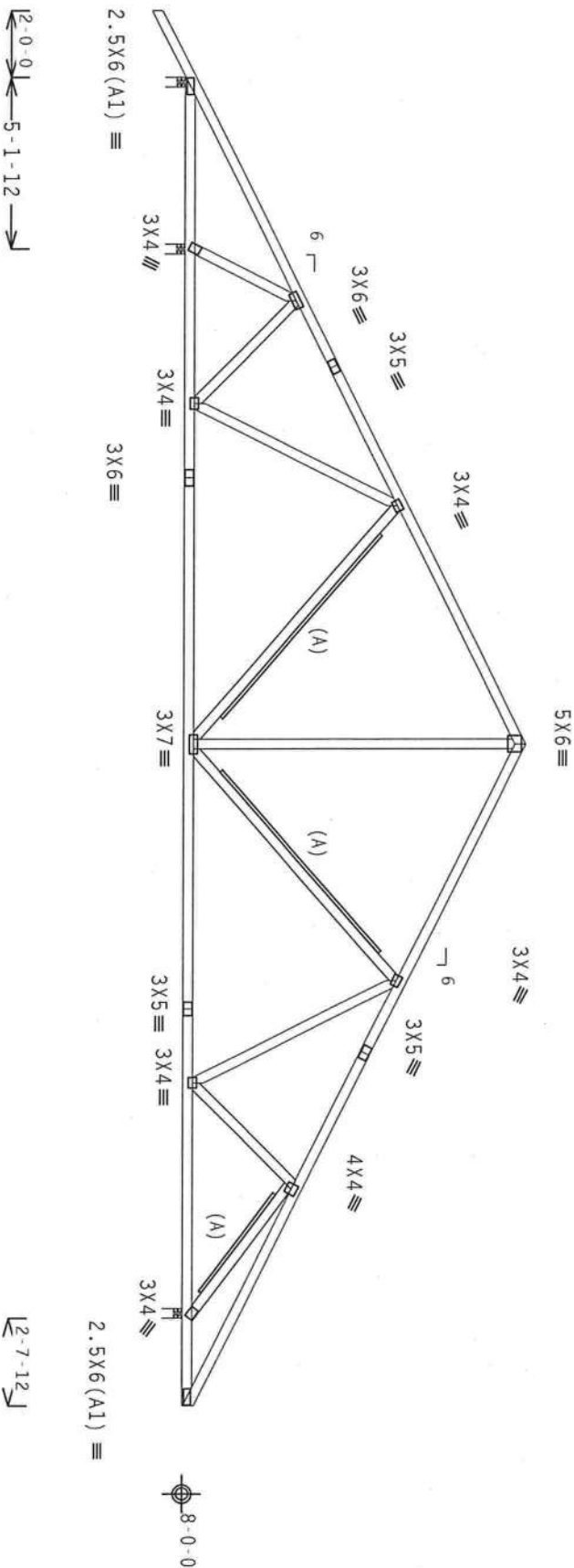


TC LL	20.0 PSF	REF	R8228- 130
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079038
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	80622
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TF8228201

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

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, PART ENC. 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 (+)-0.55

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



R=148 U=45 W=3.5"

R=1756 U=404 W=3.5"

R=1524 U=296 W=3.5"

PLT TYP. Wave

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

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

7.36.0424.12

QTY:2 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

**WARNING:** THESE BUILDING EXTERIOR CASES IN INFORMATION, HANDLING, SHIPPING, INSTALLING AND REPAIRING REFER TO CASES (BUILDING COMPONENT CASE INFORMATION), PUBLISHED BY THE TRUSS PRACTICE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA), 6300 WOOD ENTERPRISE LANE, MIDDLETON, WI, 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED, THE 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 #00770

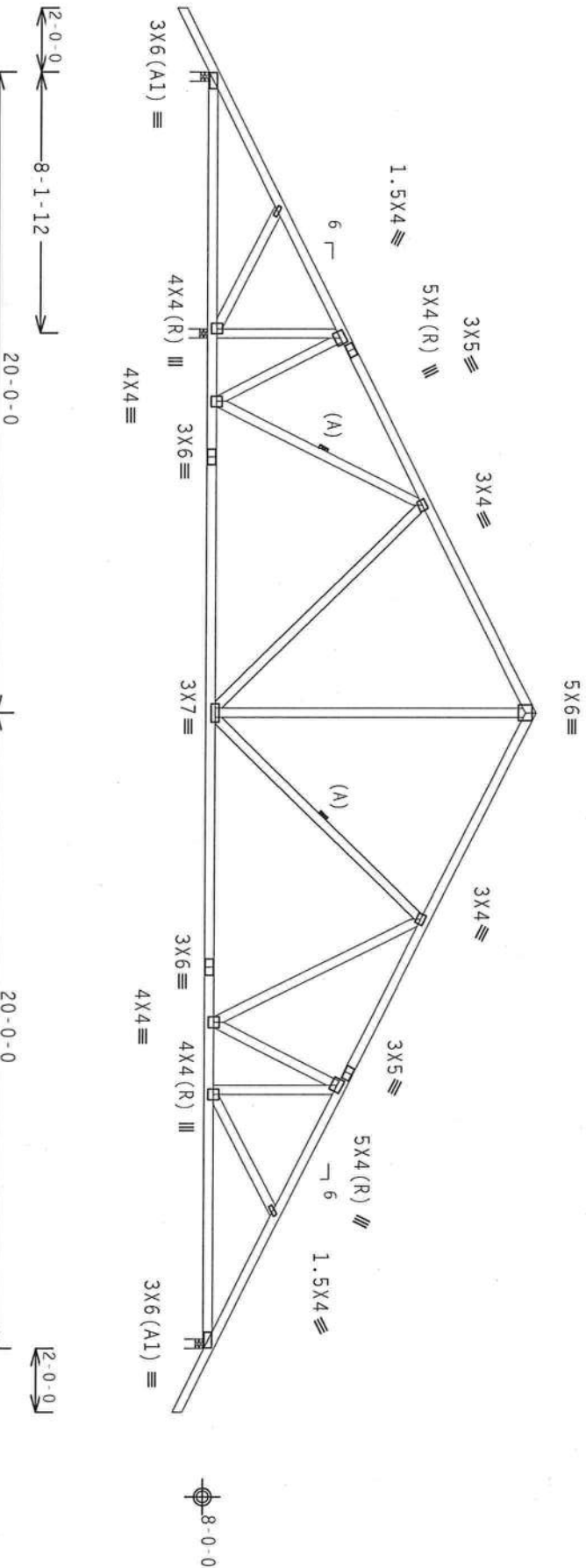


TC LL	20.0 PSF	REF	R8228-131
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079039
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80617
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MWFRS pressures.



R=193 U=35 W=3.5"

R=1979 U=451 W=3.5"

R=1389 II=304 W=35"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424.12

QTY:2 FL/-/4/-/-/R/-

Scale = 1875"/Ft

**WARNING:** THIS PRODUCT REQUIRES EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO RCSI 0011101010 COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CHINESE PLATE INSTITUTE, 630 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-3121 AND ACRS 0011101010 SAFETY INFORMATION, PUBLISHED BY THE ENTERPRISE LANE, MONTICELLO, MI 52319 FOR SAFETY PRACTICES PERTAINING TO PROGRAMMING THESE FUNCTIONS. THESE FUNCTIONS INDICATED FOR CROD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CROD SHALL HAVE PROPERLY ATTACHED RIDGE CEILING.

**\*\*IMPORTANT\*\*** \*INSTALL A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE DGC ENG SHALL NOT

ALPINE

ITW Building Components Group Inc.

Haines Civ. Fl. 33844

FI Certificate of Authorization # 00779



TC LL	20.0 PSF	REF	R8228- 132
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079040
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80612
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228201

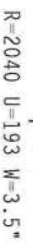


המחברת מודה לפרופ' ד"ר יעקב גורן, ראש המחלקה למשפטאות, על סיועו במילוי הטופס.

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.

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



Scale = .25" / Ft.



Mar 1961



DC. L.	0.0 PSF	MC-ENG 00/AF
TOT.LD.	40.0 PSF	SEON- 80385
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228Z01

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

Wind reactions based on MIFRS pressures.

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



R=1122 U=115 W=3.5"

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

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

7.36.0424.12

QTY:1

FL/-/4/-/1/-/R/-/

Scale = .25" / Ft.

[illegible]

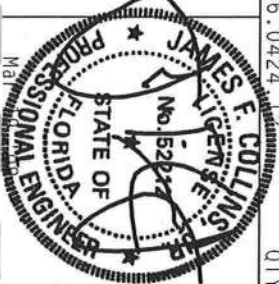
**\*\*IMPORTANT\*\***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, TITM BCG, INC. SHALL NOT

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL Certificate of Authorization # 00770



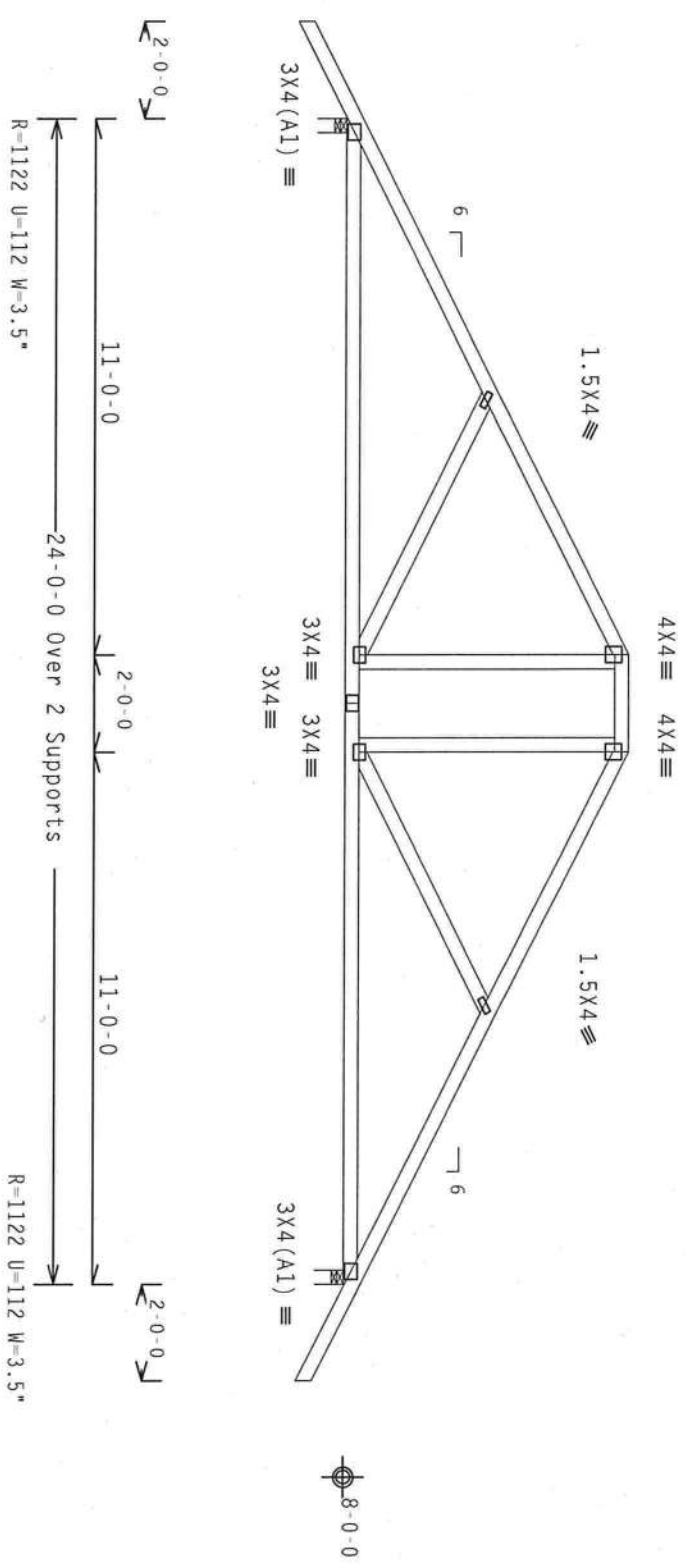
TC LL	20.0 PSF	REF	R8228- 134
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079024
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80390
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

Roof overhang supports 2.00 psf soffit load.

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

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 GCpl(+/-)=0.18  
Wind reactions based on MMFRS pressures.  
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

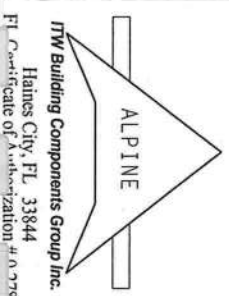
7.36.0424.13

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

Scale =.25"/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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC. BY ALPINE) AND TPI. DESIGN PLATES ARE MADE OF 2018/1604 (40,000/55,000) ASTM A572 GRADE 40/50 (4, K70,55) GALV. STEEL. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN, POSITIONING AND BRACING OF TRUSSES. ANY DEVIATION FROM THIS DESIGN, POSITIONING OR BRACING SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. ANY INSPECTION OF PLATES FOLLOWED BY SIGNATURE OF A PROFESSIONAL ENGINEER SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 135
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079025
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80398
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228201

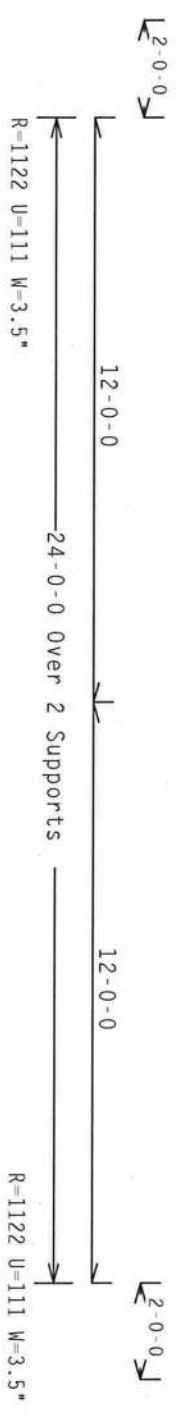
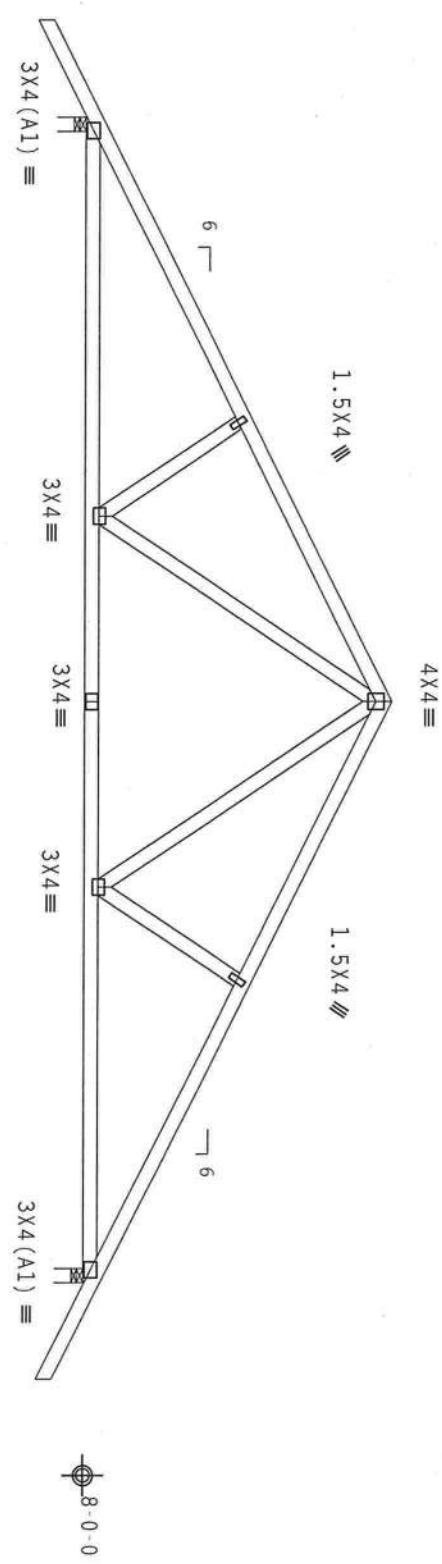


Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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



PLT TYP. Wave

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

7.36.0424

OTY:4

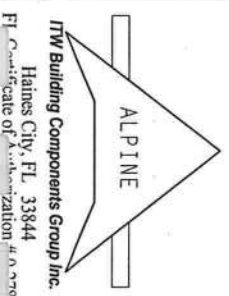
FL/-/4/-/-/R/-

Scale = .25"/Ft.

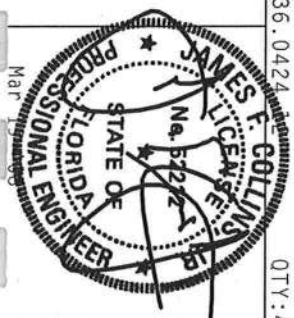
**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS MANUFACTURER, 6200 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/L/S/S/S) ASH 6053 GRADE 60/60 (Q, K/H, SSI GALV. STEEL. APPLY ANY INSPECTION OF QUALITY TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS 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.



FL Certificate of Authorization #0370



TC LL	20.0 PSF	REF	R8228-136
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079026
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	80403
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

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

Wind reactions based on MMFRS pressures.

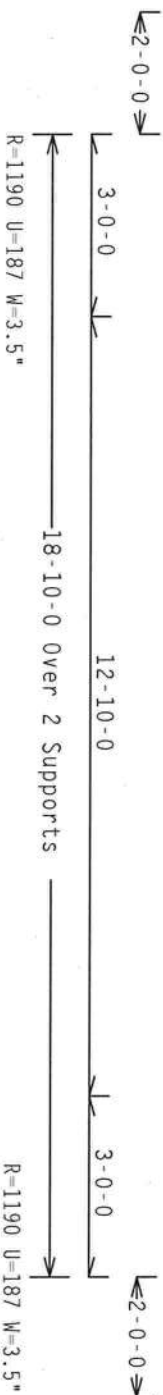
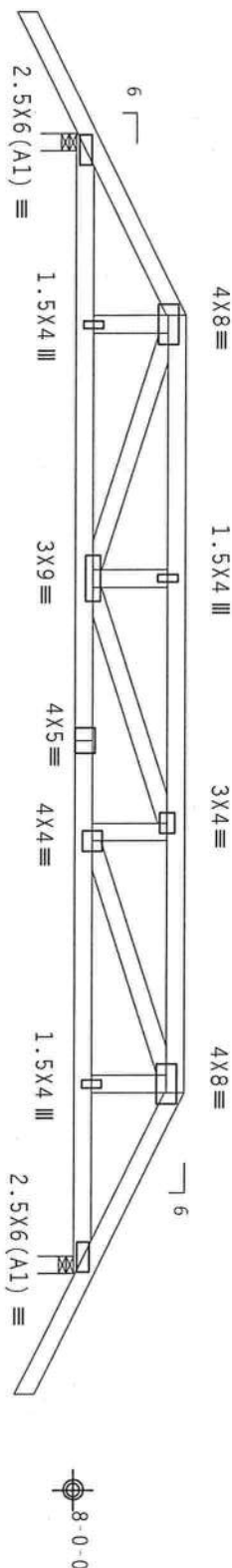
Roof overhang supports 2.00 psf soffit load.

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

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)			
TC - From	62 PLF at -2.00 to	62 PLF at 3.00	
TC - From	62 PLF at 3.00 to	62 PLF at 15.83	
TC - From	62 PLF at 15.83 to	62 PLF at 20.83	
BC - From	4 PLF at -2.00 to	4 PLF at 0.00	
BC - From	20 PLF at 0.00 to	20 PLF at 18.83	
BC - From	4 PLF at 18.83 to	4 PLF at 20.83	
TC -	82 LB Conc. Load at 3.06,	15.77	
TC -	49 LB Conc. Load at 5.06,	7.06,	9.06, 9.77, 11.77
BC -	7 LB Conc. Load at 3.00,	15.83	
BC -	15 LB Conc. Load at 3.06,	5.06,	7.06, 9.06, 9.77
			11.77, 13.77, 15.77



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

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

\*\*\*IMPORTANT\*\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 BCS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. PROVIDES FOR FACTORED LOADS: 20/10/160K (D/H/S/V) ASH 8555 GRADE 40/50 (A, E/FH,SS) GALV. STEEL. ITW BCG PLATES ON EACH SIDE OF CHORDS. 20/10/160K (D/H/S/V) ASH 8555 GRADE 40/50 (A, E/FH,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEK AS OF TPI-2002 SEC. 2. THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R8228-137
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUR8228 08079052
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 80380
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228201

Top chord 2x4 SP #2 Dense :12 2x6 SP #2:  
Bot chord 2x8 SP SS  
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 62 PLF at -2.00 to 62 PLF at 4.75  
TC - From 62 PLF at 4.75 to 62 PLF at 14.08  
TC - From 62 PLF at 14.08 to 62 PLF at 20.83  
BC - From 4 PLF at -2.00 to 4 PLF at 0.00  
BC - From 20 PLF at 0.00 to 20 PLF at 18.83  
BC - From 4 PLF at 18.83 to 4 PLF at 20.83  
BC - 47 LB Conc. Load at 1.09  
BC - 129 LB Conc. Load at 3.09  
BC - 211 LB Conc. Load at 5.09  
BC - 3271 LB Conc. Load at 7.13  
BC - 1642 LB Conc. Load at 9.06, 11.06, 13.06, 15.06  
BC - 1250 LB Conc. Load at 17.06

Wind reactions based on MMFRS pressures.

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

2 COMPLETE TRUSSES REQUIRED

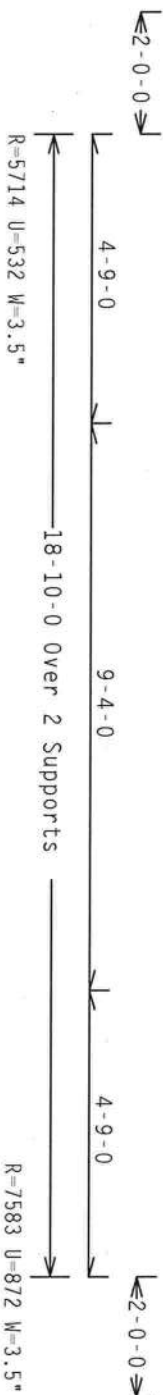
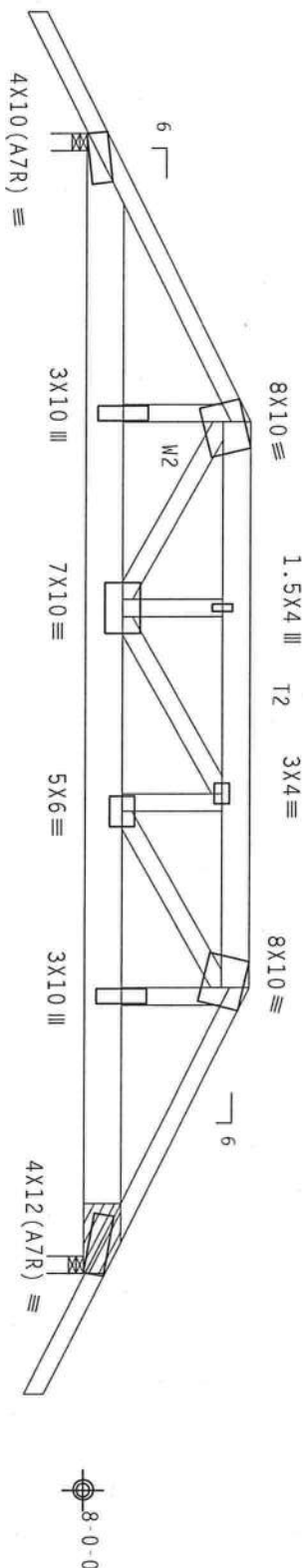
Nailing Schedule: (12d Common (0.148"x3.25", min.)\_nails)  
Top Chord: 1 Row @12.00" o.c.  
Bot Chord: 1 Row @3.00" o.c.  
Webs : 1 Row @ 4" o.c.  
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.)\_nails  
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE  
2 18.542' 1 14" Rigid Surface  
Bearing block to be same size and species as bottom chord.  
Refer to drawing CNBRGRLK0207 for additional information.

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. 1W=1.00 Gcpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

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



PLT TYP. Wave

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

7.36.0424

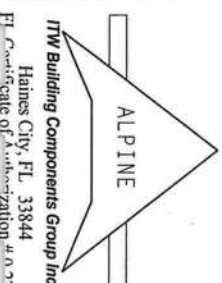
QTY:1

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

Scale = .3125"/ft.

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK 6000 TRUSS COMPANY 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. TPI, BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK 6000 TRUSS COMPANY 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.



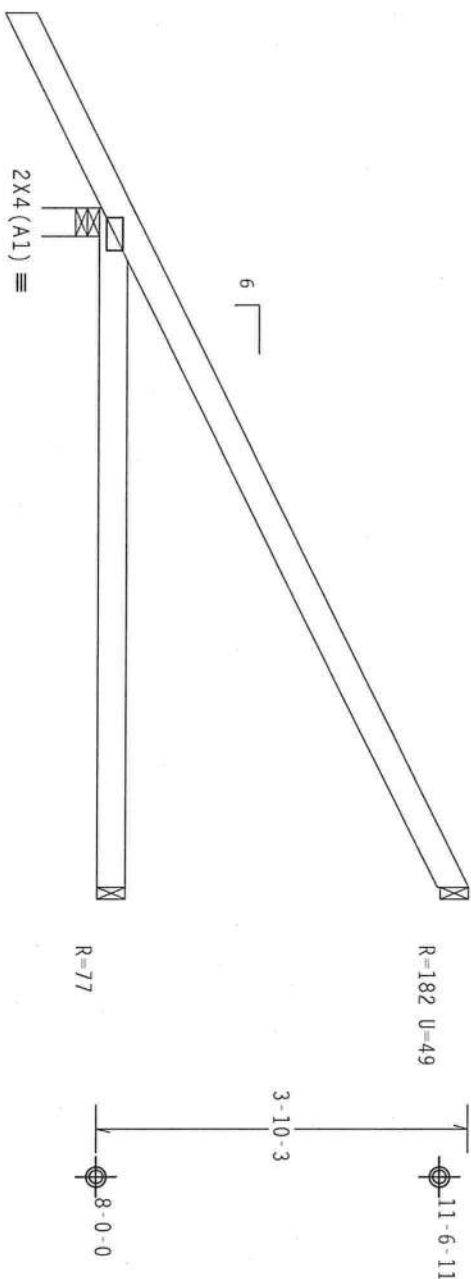
TC LL	20.0 PSF	REF R8228- 138
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08079050
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 80490
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228201



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

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

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



2-0-0-0

7-0-0 Over 3 Supports —————  
 $R=450$   $U=34$   $W=3.5"$

PLT TYP. Wave

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

 $Cq/RT=1.00(1.25)/10(0)$ 

7.36.0424 12

QTY:37 FL/-/4/-/-/R/-

Scale = .5" / Ft.

**\*WARNING:** THESE RIGID, EXTREME CASE FABRICATIONS, HANDLING, SHIPPING, INSTALLING AND BROCHING REFER TO AC308 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND NRC-9000 TRUSS COUNCIL OF AMERICA, 63000 INTERSTATE LAKE, MD/US 50, 51719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE 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**

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0 278



TC LL	20.0 PSF	REF	R8228- 139
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079002
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	22699
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TFY8228Z01

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT 11, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$   $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.



Scale = .5" / Ft.

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

Mar 19 08

James F. Collins  
Professional Engineer  
No. 52272  
State of Florida  
7

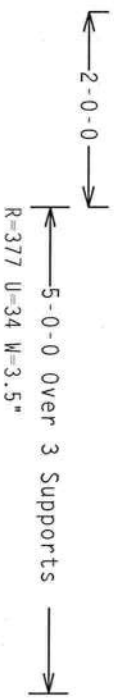
OTY:

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TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCU8R8228 08079041
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON - 80326
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF - 1TF8228701

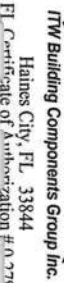
Haines City, FL 33844  
 FL Certificate of Authorization # 00776

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 GCp(1/+)=0.18

Wind reactions based on MWFRS pressures.



Scale = .5" / Ft.



**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

TC LL	20.0 PSF	REF	R8228 - 141
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079042
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	80331
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TFY8228201

התאחדות המורים והמורות (התאחדות המורים) ומועצה המורים והמורות (מועצה המורים והמורות) הן שתי הגופים המרכזיים בתחום זה.

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

Wind reactions based on MWFRS pressures.



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

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

7.36.0424

QTY:5

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

Scale = .5" / Ft.

JAMES F. COLLINS  
LICENSE  
No. B2212  
J.F.



STATE OF



Mar 19 1988

## SCALING

REF ID: A62011



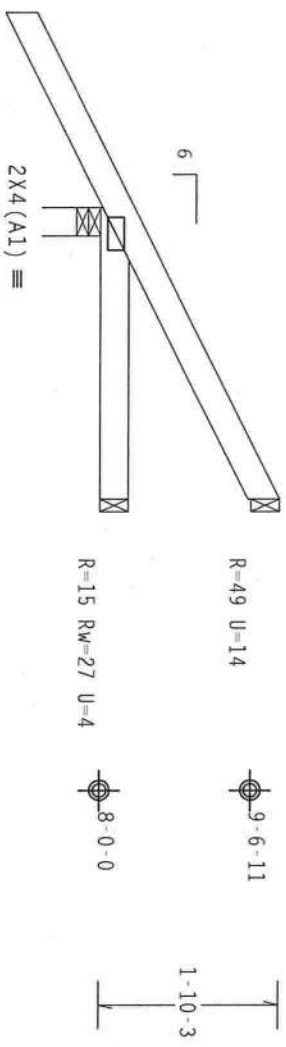
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MMFRS pressures.



2'-0-0  
3'-0-0 Over 3 Supports  
R=317 U=37 W=3.5"

PLT TYP. Wave

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

7.36.0424.12

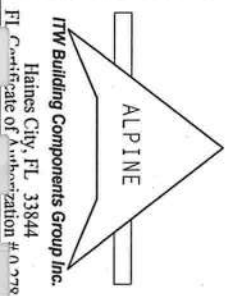
QTY: 9 FL/-/4/-/-/R/-

Scale = .5"/ft.

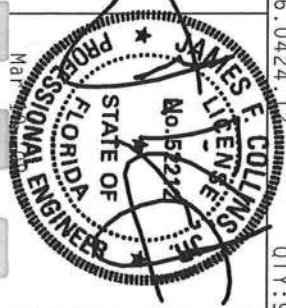
**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, 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\*\*** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. TPI BCG, INC. HAS BEEN LICENSED BY THE STATE OF FLORIDA AS AN ENGINEER (No. 5224) AND AS A DESIGNER (No. 5224). ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC. 2.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY 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.



FL Certificate of Authorization #0779



TC LL	20.0 PSF	REF R8228- 143
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08079043
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 80336
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228Z01

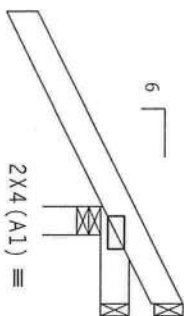
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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 MMFRS pressures.



R=110 RW=43 U=75  
R=35 RW=20 U=26  
8-6-11  
8-0-0

0-10-3

2-0-0  
1-0-0 Over 3 Supports  
R=361 U=81 W=3.5"

PLT TYP. Wave

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

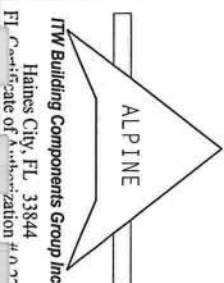
7.36.0424

QTY:13 FL/-/4/-/R/-

Scale =.5"/Ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (CONSULTING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE CIRCUIS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND WICKI GOOD TRUSS COMPANY OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/ASA AND TPI. ITW BCG PLATES TO FACTORY ORDER 20/10/1600 (W/SS/PS) ASH/ABS GRAD 40/60 (W, K/PL/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF PROVISIONS SECTION PER DRAWINGS, 160A-2, DRAWING, INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.



FL Certificate of Authorization #00796



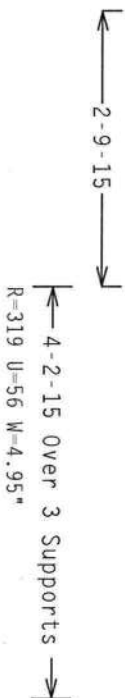
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TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUR8228 08079044
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 80340
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228Z01

THE UNIVERSITY OF CHICAGO PRESS

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

Hipjack supports 3-0-0 setback jacks with no webs.

Hipjack supports 3-0-0 setback jacks with no webs.



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

 $Cq/RT=1.00(1.25)/10(0)$ 

7.36.0424

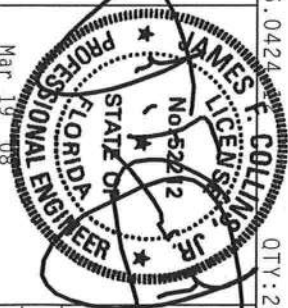
QTY:2

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

Scale = .5" / Ft.

**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 IDL OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING OR TROUSSES.

DESIGN CONDITIONS ARE APPLICABLE THROUGHOUT FOR MOST CONNECTOR PLATES ARE MADE OF 2019/166A (N1/52/9) ASTM A653 GRADE 40/60 (N1/41/55) GALV., STEEL, APPLY PLATES TO EACH FACE OF TRUSS ANCH. UNLESS OTHERWISE LOCATED ON THIS DETAIL. POSITION PER DRAWINGS 1606-2. SEE AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2020 SEC.3. A SEAL ON THIS DESIGNING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT BUILDING DETAIL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DETAILER PER ANSI/TP11 SEC. 2.

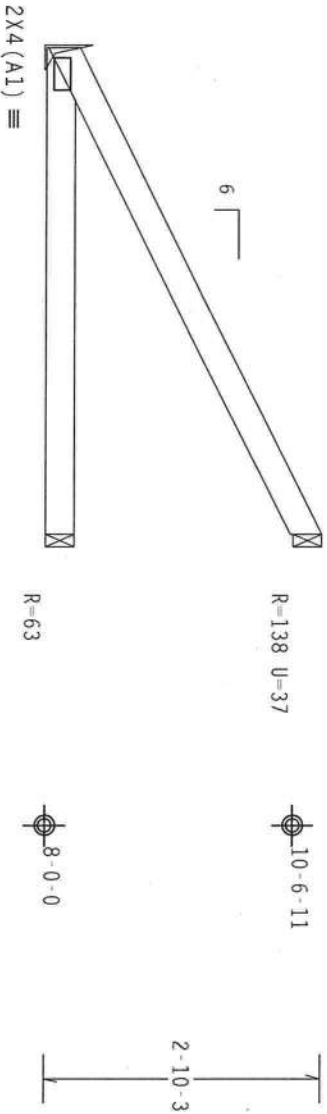


TC LL	20.0 PSF	REF	R8228 - 145
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCU8R8228 08079001
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	28523
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

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

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



5-0-0 Over 3 Supports  
R=211 U=2

PLT TYP. Wave

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

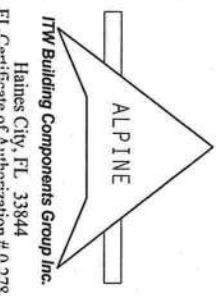
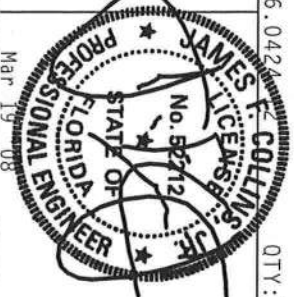
QTY: 1 FL/-/4/-/R/-

Scale = .5"/ft.

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

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI REG., 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/AIA) AND TPI. TPI REG. CONNECTIONS ARE MADE OF 20/18/16GA (24/10/55K) ASPN 6063 GRADE 40/60 (24 K/14.55) GALV. STEEL. APPLY ALL TYPICAL CONNECTIONS AND BRACING. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ALL TRUSSES SHALL BE INSPECTED AND APPROVED BY TPI-2002 SEC. 3.3. FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL OR THIS DRAWING SHOWN. THE SUSTAINABILITY 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 #0379

TC LL	20.0 PSF	REF R8228- 146
TC DL	10.0 PSF	DATE 03/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08079045
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 80356
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TFY8228201



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

Wind reactions based on MAFRS pressures.


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

QTY:1

Scale = .5"/Ft.

5.0424 QTY: 1

**\*\*IMPORTANT\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

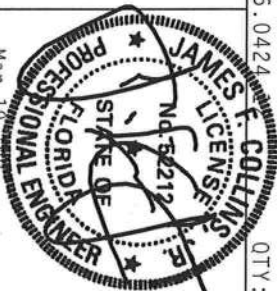


ALPINE

**ITW Building Components Group Inc**

Haines City, FL 33844

FL Certificate of Authorization # 00379



Mar 19 08

TC LL	20.0 PSF	REF	R8228- 147
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08079046
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80362
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

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

Wind reactions based on MWFRS pressures.



Scale = .5" / Ft

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

TC LL	20.0 PSF	REF	R8228- 148
TC DL	10.0 PSF	DATE	03/19/08
BC DL	10.0 PSF	DRW	HCU8R8228 08079027
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	80367
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TFY8228Z01

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C.  
MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH

(2) 16d COMMON (0.162"X 3.5",MIN) NAILS.

BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED  
48" OC MAXIMUM.

\* 8/12 MAXIMUM PITCH.

\*\* 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB06999 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

\*\*\* 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

IT REFER TO ENGINEERS SEALED DESIGN REFERENCING THIS  
DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT  
SHOWN.

0.120"X 1.375" NAILS REQUIRED  
FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED  
IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY  
SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

EXTENDED TOP CHORD FILLER DETAIL

TYP.

6-0-0

12

\*

4

4

4

4

[illegible]

THIS DRAWING REPLACES DRAWING 884,080



ITW BUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

\*\*\*\*\*WARNING\*\*\*\*\*  
 THESESS REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND  
 BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CRUISS  
 INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND A/CAD CADD TRUSS CADD  
 AMERICA, 6300 ENTERPRISE LN. MADISON, WI 53719 FOR SAFETY PRACTICES AND PICTORIAL  
 FOLDOUTS. UNLESS OTHERWISE INDICATED, TPI CADD SHALL HAVE PROPERLY ATTACHED STRUCTURAL  
 PANELS AND BOLTED CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

[illegible]

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.



TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

### BOTTOM CHORD FILLER DETAIL

\* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

```

+ 3X4 WAVE OR 4X8 TRULOX
++ 2X4 WAVE OR 3X6 TRULOX

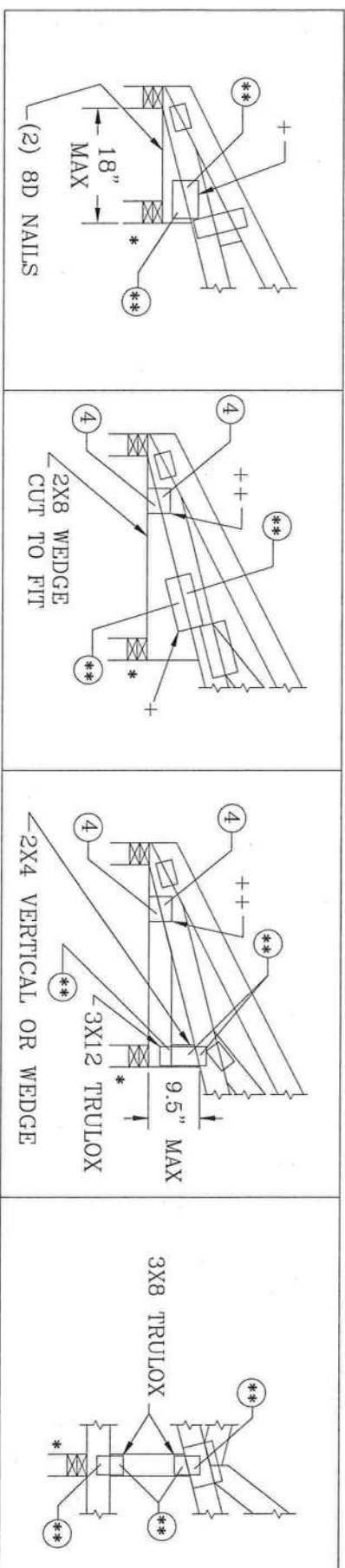
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0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS  
DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT  
SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMMODATE REQUIRED NAILS (\*\*)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES					
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.	
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8	
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6	
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6	
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8	
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7	
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6	



~~THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132~~

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

\*\*\*WARNING\*\*\* THESE REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22314 AND VICA (VOID TRUSS COUNCIL), 600 WILSON, 5300 ENTERPRISE LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. THESE TRUSS CHORD SHALL BE PROPERLY ATTACHED TO THE TRUSS CHORDS AND THE TRUSS PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID JOINT.

\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TRUSS BEG. IN. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DR FABRICATING, HANDLING, SHIPPING, INSTALLING, DESIGN & BRACING OF TRUSSES. DESIGN CONTRACTOR WITH APPLICABLE PROVIDERS OF NON QUALIFIED DESIGN SPEC. BY AEP&N AND TRUSS BEG. CONNECTOR PLATES, ARE MADE OF 20/16/64 (C/A/SS) 657H A653 GRADE 49/60 (C/A/SS) DESIGN POSITION PER DRAWINGS 1604-2 PLATE 1. PLATE 1 SHALL BE FABRICATED IN THE SAME MANNER AS 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 SCHEME. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI-1, SEC. 2.

No. 52212

STATE OF

TC LL	—	PSF	REF	BC FILLER
TC DL	—	PSF	DATE	2/23/07
BC DL	10.0	PSF	DRWG	BCFILLER0207
BC LL	—	PSF	—ENG	DLJ/KAR
TOT. LD.	—	PSF		
DUR. FAC. 1.0/1.15/1.25/1.33				
SPACING 24.0"				



+ 2X4 CONTINUOUS LATERAL BRACING AT 24 O.C.  
MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH  
(2) 16d COMMON (0.162"X 3.5",MIN) NAILS.  
BRACING MATERIAL TO BE SUPPLIED AND ATTACHED  
AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED  
48" OC MAXIMUM.

\* 8/12 MAXIMUM PITCH.

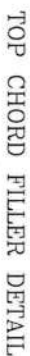
\*\* 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699  
FOR PIGGYBACK SPECIAL PLATE INFORMATION.

\*\*\* 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

‡ REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS  
DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT  
SHOWN.

0.120"X 1.375" NAILS REQUIRED  
FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED  
IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY.  
SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS



A circular professional engineer seal for James F. Collins. The outer ring contains the text "PROFESSIONAL ENGINEER" and "STATE OF FLORIDA". The inner circle contains the name "JAMES F. COLLINS", the license number "No. 52212", and the year "1908". The seal is stamped over a document with handwritten signatures and dates.

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

# BOTTOM CHORD FILLER DETAIL

\* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

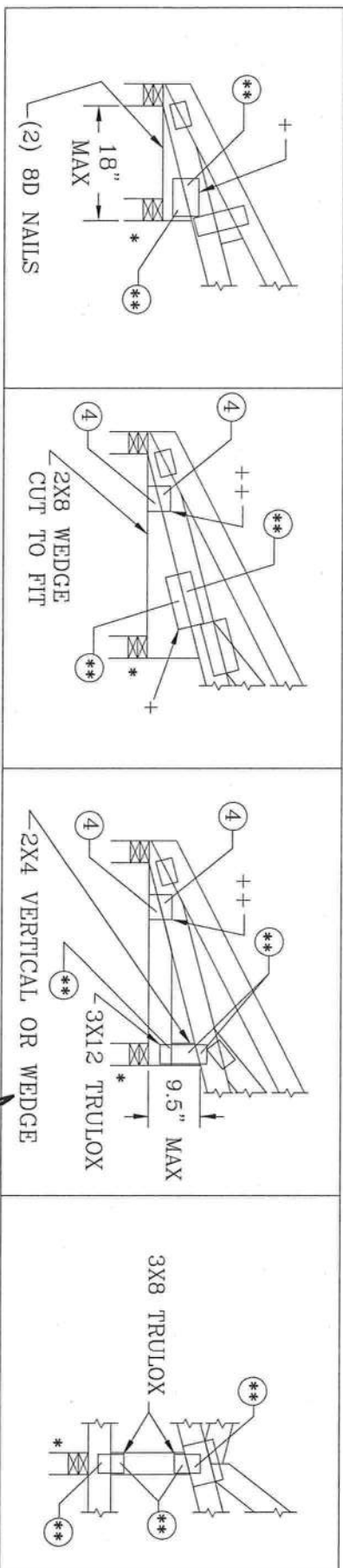
+ 3X4 WAVE OR 4X8 TRULOX  
++ 2X4 WAVE OR 3X6 TRULOX

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 1607L FOR NAILING AND TRULOX PLATE REQUIREMENTS

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMMODATE REQUIRED NAILS (\*\*)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA		** REQUIRED NAILS PER FACE WITH TRULOX PLATES					
	DOWNWARD	UPLIFT			1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.	
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"		12	11		10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"		9	8		7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"		10	9		8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"		12	11		10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"		10	9		8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"		9	8		7	7	6



TRUBUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS BRIDGE INSTITUTE, 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22314 AND VITA CYCLO TRUSS CHART OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TTV 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 CONTRACTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NDS) AND TPI (TYPICAL) BOG CONNECTOR PLATES ARE MADE OF 20/18/16GA C/A/H/SS/20 ASTM A653 GRADE 40/60 C/A/H/SS/20. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE DESIGNER. ANY INSPECTION OF CLASS 1 TRUSSES FOR THIS PER DESIGN POSITION PER DRAWINGS 1604-2 AND INSPECTION OF CLASS 2 TRUSSES FOR THIS PER DESIGN POSITION PER DRAWINGS 1604-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

THE DRAWING REPLACES DRAWINGS A115 A115/R & 884.132



TC LL	—	PSF	REF	BC FILLER
TC DL	—	PSF	DATE	2/23/07
BC DL	10.0	PSF	DRWG	BCFILLER0207
BC LL	—	PSF	—	ENG DLJ/KAR
TOT. LD.	—	PSF		
DUR. FAC. 1.0/1.15/1.25/1.33				
SPACING 24.0"				

# BOTTOM CHORD FILLER REPAIR

## RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

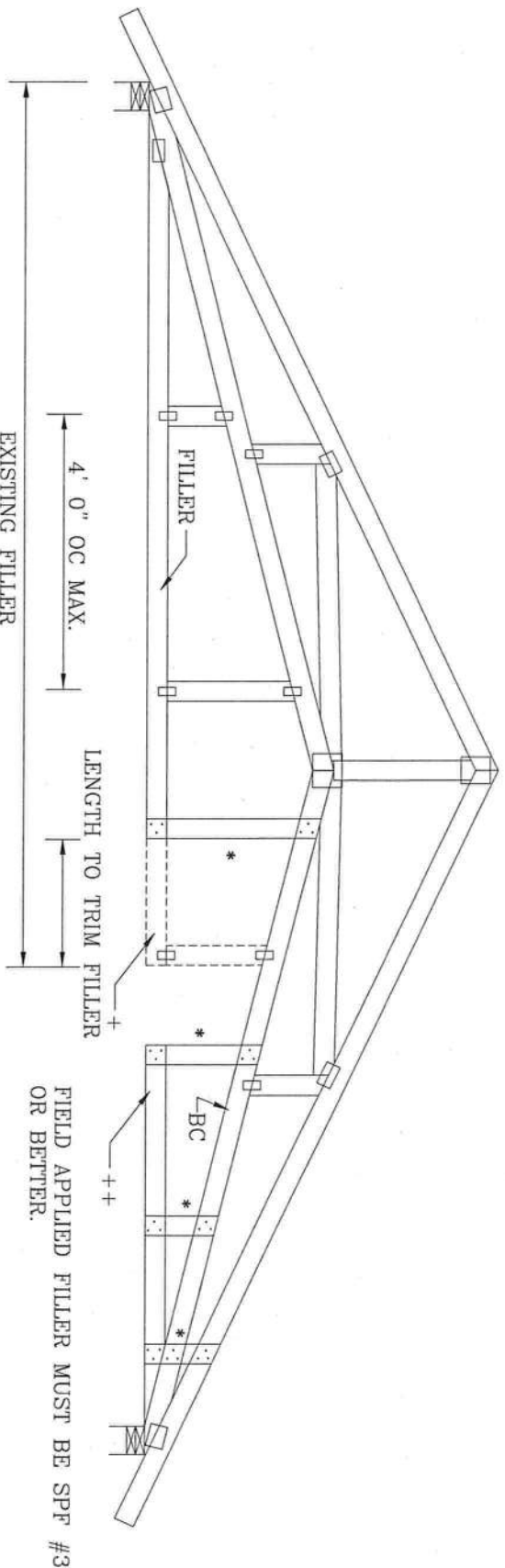
MAXIMUM BOTTOM CHORD LOAD IS 10 PSF.

+ BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.

++ FIELD APPLIED FILLER.

\* 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN REFERENCE THIS DETAIL FOR ALLOWABLE FILLER DIMENSIONS, PLACEMENT, AND WEBBING.



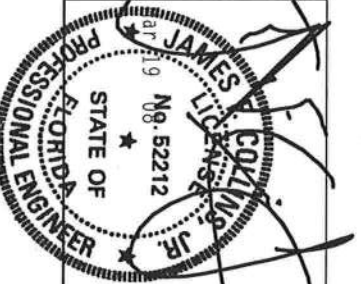
THIS DRAWING REPLACES DRAWING 962.767

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.  
POMPAN0 BEACH, FLORIDA

\*\*\*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 WCA (WOOD TRUSS COUNCIL, 1000 AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE WORK. UNLESS OTHERWISE INDICATED, FILLER CHORD SHALL HAVE PROPERLY 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 CONTRACTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI, EIA, BCG CONNECTOR PLATES ARE MADE OF 2018/16G6 (V/A/SS) ASH A653 GRADE 40/60 (V/A/SS) UNLESS OTHERWISE INDICATED. ALL TRUSSES SHOWN IN THIS DESIGN POSITION PER DRAWING 1604-Z. ANY INSPECTION OF PLATES SHOWN IN THIS DESIGN POSITION PER DRAWING 1604-Z. A SEAL IN 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	BC FILLER REP.
DATE	2/23/07
DRWG	REPBCTILO207
-ENG	MLH/KAR

# 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.

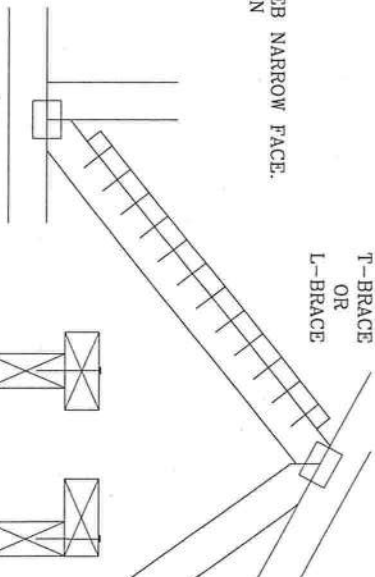
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

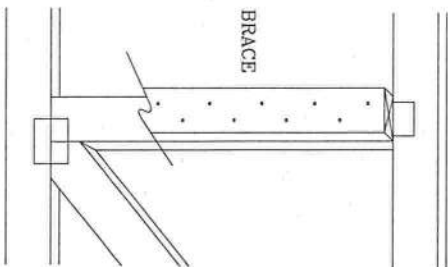
## T-BRACING OR L-BRACING:

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



## 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



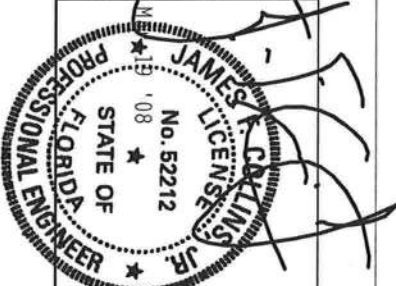
THIS DRAWING REPLACES DRAWING 579.640



TRUSS BUILDING COMPONENTS GROUP, INC.  
POMPAHO 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 VITA (VODD) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TPI CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. TPI, BCG CONNECTION PLATES ARE MADE OF 2018/7666 C/A/SS/RO/ASTM A573 GRADE 40/60 C/A/K/H/SS. TPI, BCG CONNECTION PLATES ARE 1/4" THICK. ANY DEVIATION FROM THIS DESIGN SHALL BE THE PER DESIGN. POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FULFILLED BY TPI AND THE PER ENGINEERING RESPONSIBILITY SILENTLY 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	BRCIBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



# BEARING BLOCK NAIL SPACING DETAIL

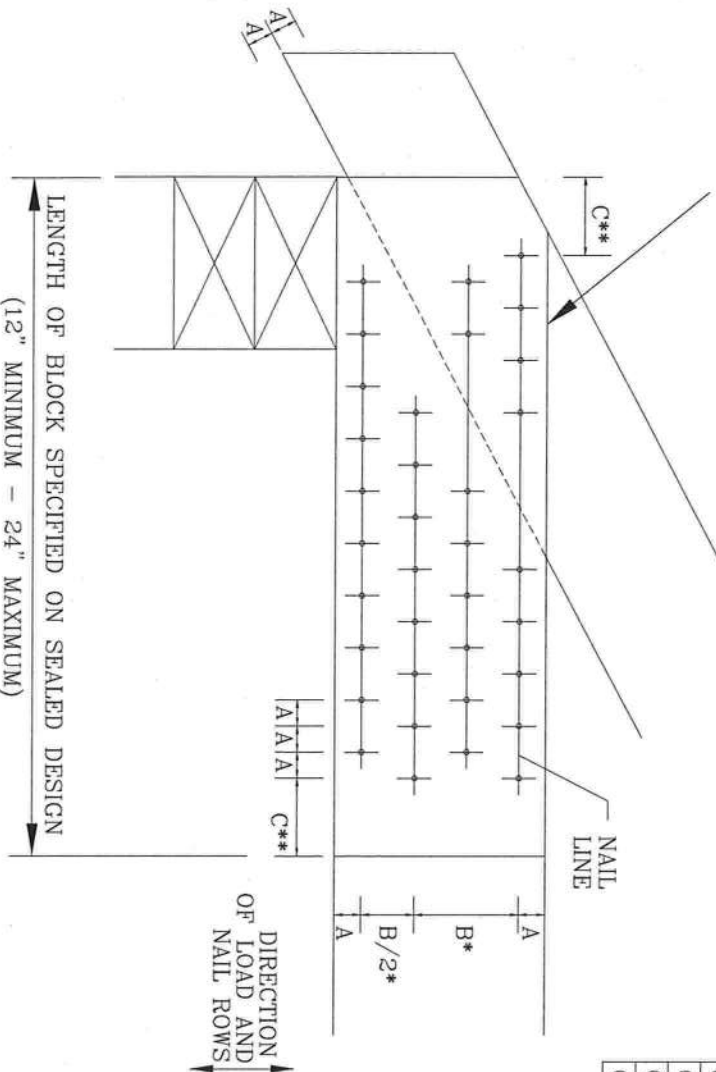
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

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

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:  
 • SPACING MAY BE REDUCED BY 50%  
 • SPACING MAY BE REDUCED BY 33%

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



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

## MINIMUM NAIL SPACING DISTANCES

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

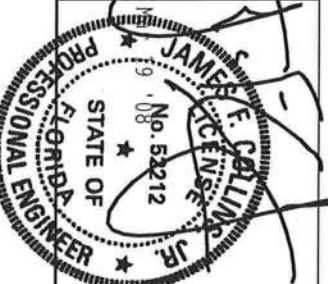
THIS DRAWING REPLACES DRAWING B139 AND CNBRGK0699

ALPINE

TRW BUILDING COMPONENTS GROUP, INC.  
POMPAHO 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 VITA (VOID) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND THE CANADIAN CODE OF PRACTICE FOR THE DESIGN OF WOOD STRUCTURES (CNC) AND THE PER DESIGN POSITION PER BRAGINGS 1604-2. ANY INSPECTION OF PLATES FURNISHED TO THE PER ENGINEERING RESPONSIBILITY SILENTLY 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 BEARING BLOCK  
DATE 2/23/07  
DRWG CNBRGK0207  
-ENG SJP/KAR

\*\* LAMAR BOOZER \*\*  
 900 EAST PUTNAM STREET  
 LAKE CITY, FL 32055

PROJECT: CUSTOM  
 CLIENT: FRED PERRY CONT ROBERSON  
 DATE: 4 6 08

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

DESIGNER: LAMAR BOOZER

CLIENT INFORMATION:

NAME: FRED PERRY CONT ROBERSON  
 ADDRESS:  
 CITY, STATE: LAKE CITY, FLORIDA 32055

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	261	8,516	0	10,385	10,385
9-I FRENCH DOOR DBL CLR GLS METL FR	57	1,934	0	2,234	2,234
12-D WALL R-11 +1/2"ASPHLT BRD(R-1.3)	1,556	5,603	0	3,311	3,311
11-C DOOR METAL POLYSTYRENE CORE	37	783	0	463	463
16-G CEILING R-30 INSULATION	2,180	2,977	0	3,111	3,111
22-A SLAB ON GRADE NO EDGE INSUL	239	8,712	0	0	0
SUBTOTALS FOR STRUCTURE:	4,330	28,525	0	19,504	19,504
PEOPLE	19	0	0	5,700	5,700
APPLIANCES	0	0	1,800	1,500	3,300
DUCTWORK	0	1,426	0	2,671	2,671
INFILTRATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
VENTILATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
SENSIBLE GAIN TOTAL				29,375	
TEMP. SWING MULTIPLIER				X 1.00	
BUILDING LOAD TOTALS		29,951	1,800	29,375	31,175

SUPPLY CFM AT 16.70 DEG DT: 1,600 CFM PER SQUARE FOOT: 0.79  
 SQUARE FT. OF ROOM AREA: 2,180 SQUARE FOOT PER TON: 771.77

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 29.951 MBH  
 TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 2.598 TONS

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.

# COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

## RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE  
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

**APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

**GENERAL REQUIREMENTS:** Two (2) complete sets of plans containing the following:

Applicant Plans Examiner

- |                                     |                          |  |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

**Site Plan including:**

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

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

Plans or specifications must state compliance with FBC Section 1609.

The following information must be shown as per section 1603.1.4 FBC

- a. Basic wind speed (3-second gust), miles per hour (km/hr).
- b. Wind importance factor,  $I_w$ , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
- c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.
- d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.
- e. Components and Cladding. The design wind pressures in terms of psf ( $kN/m^2$ ) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

**Elevations including:**

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation

- |                                     |                          |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

- ☒ ☐
- ☒ ☐
- ☒ ☐
- ☒ ☐

- d) Location, size and height above roof of chimneys.
- e) Location and size of skylights
- f) Building height
- e) Number of stories

**Floor Plan including:**

- ☒ ☐
- ☒ ☐
- ☒ ☐

- a) Rooms labeled and dimensioned.
- b) Shear walls identified.
- c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
- d) Show safety glazing of glass, where required by code.
- e) Identify egress windows in bedrooms, and size.
- f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
- g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
- h) Must show and identify accessibility requirements (accessible bathroom)

**Foundation Plan including:**

- ☒ ☐
- ☒ ☐
- ☒ ☐
- ☒ ☐

- a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel.

**Roof System:**

- ☒ ☐

- a) Truss package including:
  1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  2. Roof assembly (FBC 106.1.1.2 )Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
  1. Rafter size, species and spacing
  2. Attachment to wall and uplift
  3. Ridge beam sized and valley framing and support details
  4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

**Wall Sections including:**

- ☒ ☐

- a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
  6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termicide or alternative method)
  10. Slab on grade
    - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:



- ☒
- ☐

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
  - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
  - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
  - a. Attic space
  - b. Exterior wall cavity
  - c. Crawl space (if applicable)

☒ ☐☒ ☐

- |                                     |                          |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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1

- [illegible]

1

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**\*\*\*Notice Of Commencement Required Before Any Inspections Will Be Done**  
**Private Potable Water**

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

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

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**  
A development permit will also be required. Development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

**ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK**

# PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>1. EXTERIOR DOORS</b>			
A. SWINGING	Masonite	wood-edge-steel side-hinge Door	4904.1
B. SLIDING			
C. SECTIONAL/ROLL UP	Garage		Fl.-4970
D. OTHER Door/side lites	masonite	wood edge steel side hinge Door	4904.3
<b>2. WINDOWS</b>			
A. SINGLE/DOUBLE HUNG	Awt	3950 Vinyl Fin Frame Single Hung	1782.2
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	Awt	Series 3180 Vinyl Fin Frame Picture	1785.1
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
<b>3. PANEL WALL</b>			
A. SIDING		Hardi	Fl 889-122
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
<b>4. ROOFING PRODUCTS</b>			
A. ASPHALT SHINGLES		Elk Shingles Hip Starte	
B. NON-STRUCT METAL		728.4 728.5 728.6	
C. ROOFING TILES		304A 1814.3	
D. SINGLE PLY ROOF		15" FI 1814.1	
E. OTHER			
<b>5. STRUCT COMPONENTS</b>			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
<b>6. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
A.			

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) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

  
APPLICANT SIGNATURE

4/17/08  
DATE



## Columbia County 9-1-1 Addressing / GIS Department

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

Telephone: (386) 758-1125 \* Fax: (386) 758-1365 \* E-mail: ron\_croft@columbiacountyfla.com



### 9-1-1 Address Request Form

**NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.**

Date of Request: \_\_\_\_\_

Requester Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Contact Telephone Number: \_\_\_\_\_

(Cell Phone Number if Provided): \_\_\_\_\_

Requested for Self: \_\_\_\_\_ or Requested for Company: \_\_\_\_\_  
(check one)

If Address is Requested by a Company, Provide Name of Requesting Company:

\_\_\_\_\_

Parcel Identification Number: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

If in Subdivision, Provide Name Of Subdivision:

\_\_\_\_\_

Phase or Unit Number (if any): \_\_\_\_\_ Block Number (if any): \_\_\_\_\_

Lot Number: \_\_\_\_\_

**Attach Site Plan or you may use back of Request Form for Site Plan:**

**Requirements for Site Plan Are Listed on Back of Request Form:**  
**(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)**

*Addressing / GIS Department Use Only:*

Date Received: \_\_\_\_\_

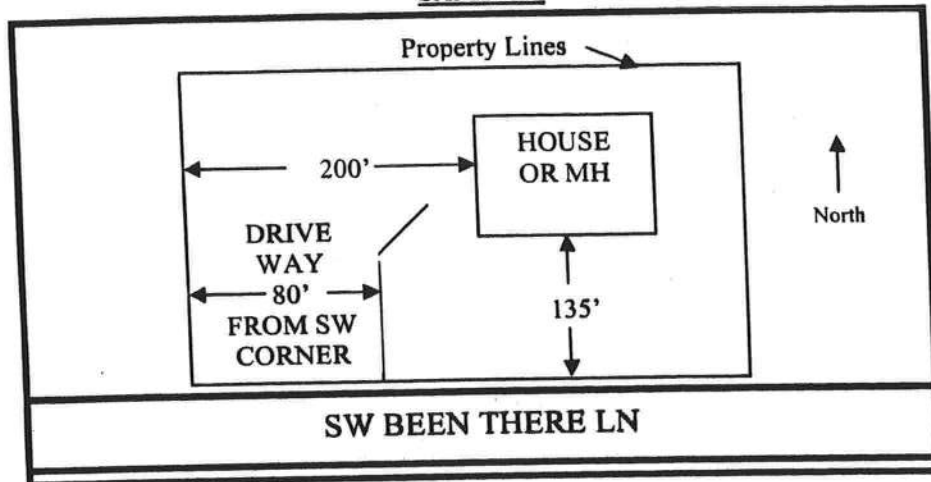
Date Assigned: \_\_\_\_\_

ID Number: \_\_\_\_\_



1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

**SAMPLE:**



**SITE PLAN BOX:**

See Blue prints

ONE-STEP LIEN SEARCH, INC.  
13155 SW 42 ST 202, MIAMI FL 33175  
Phone: (305) 822-9979 Fax: (305) 822-9987

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**CODE VIOLATION AND OR OPEN PERMIT REQUEST FORM**

**Attn: DOUG**

**COLUMBIA COUNTY**

**Fax: 386-758-2160**

**Date: 02-12-07**

Please provide us with the code enforcement letter for the following property. Please fax it to the above fax number as soon as possible, or send it by mail. Thank you very much.

**Folio: R04122-006**

**Prop: 307 SW MELVILLE GLEN**

**Seller: TAYLOR GWENDOLYN M LYONS**

**Legal: 03-7S -16 0100/0100 ACRES COMM NW COR OF NE 1/4 RUN E**

Sincerely,  
Morayma Diaz

No Code Violations

**DOUG PRITCHARD**  
CODE ENFORCEMENT OFFICE  
P. O. DRAWER 1529  
LAKE CITY, FL 32056

Closed Permit #9453  
on 3/15/96

Building & Zoning  
2-14-07

## Notice of Treatment

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

**Address:** 536 SE Baya Dr

**City** Lake City

**Phone** 752-1703

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

**Lot #** \_\_\_\_\_

**Block#** \_\_\_\_\_

**Permit #** 26970

**Address** 194 Martin Glen LC

**Product used**

**Active Ingredient**

**% Concentration**

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

**Type treatment:**

☒ Soil

☐ Wood

**Area Treated**

**Square feet**

**Linear feet**

**Gallons Applied**

MB, BP, FP, Gyg

2995

\_\_\_\_\_

270

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

If this notice is for the final exterior treatment, initial this line \_\_\_\_\_.

5/27/08  
Date

1:08  
Time

Guy  
Print Technician's Name

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©



# Notice of Treatment

ADD TO 14044

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

Address: 536 SE BAYA AVE

City: LAKE CITY Phone: 752 1703

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

Lot # \_\_\_\_\_ Block# \_\_\_\_\_ Permit # 86970

Address: 194 MARTIN GLN

## Product used

## Active Ingredient

## % Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

## Type treatment:

☒ Soil

☐ Wood

## Area Treated

## Square feet

## Linear feet

## Gallons Applied

Plumbing TRAPS

10

\_\_\_\_\_

10

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

If this notice is for the final exterior treatment, initial this line \_\_\_\_\_.

7/8/08  
Date

0840  
Time

JAMES D. PARKER 'GUNNY'  
Print Technician's Name  
F254

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

