

DATE 07/23/2008

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027199

APPLICANT MACK ROBINSON PHONE 755-2492
ADDRESS 24262 HWY 129 O'BRIEN FL 32071
OWNER ANGELA TURBERVILLE PHONE 623-3882
ADDRESS 196 NW FELT WAY LAKE CITY FL 32055
CONTRACTOR MACK ROBINSON PHONE 755-2492
LOCATION OF PROPERTY HWY 90 WEST, R ON BROWN RD, L ON HORIZON DR, R FELT WAY,
2ND ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 282100.00
HEATED FLOOR AREA 4517.00 TOTAL AREA 5642.00 HEIGHT 28.60 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 10/12 FLOOR SLAB
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 29-3S-16-02390-039 SUBDIVISION FAIRFIELD HILLS
LOT 39 BLOCK PHASE UNIT TOTAL ACRES 4.42

RB0054287
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 08-0471 BK WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

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

Check # or Cash 2692

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 1415.00 CERTIFICATION FEE \$ 28.21 SURCHARGE FEE \$ 28.21
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 1546.42
INSPECTORS OFFICE L. Hobbs CLERKS OFFICE CH

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

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

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

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

Columbia County Building Permit Application

clt# 2692

For Office Use Only Application # 0807-22 Date Received 7/10 By JW Permit # 27199
Zoning Official BLK Date 18.07.08 Flood Zone X Land Use A-3 Zoning A-3
FEMA Map # N/A Elevation N/A MFE 1st above River N/A Plans Examiner (u) Date 7/16/08
Comments _____
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter _____
IMPACT FEES: EMS \$29.88 Fire \$78.63 Corr \$409.16 Road/Code \$1,046.00 / 200
School \$1,500.00 = TOTAL \$3,063.67 clt# 2693

Septic Permit No. 08-0471 Fax _____
Name Authorized Person Signing Permit Mack Robinson Phone 386 755 2492
Address 24262 HW 129 OBuen FL 32071
Owners Name Angela Turbeville Phone 386 623 3882
911 Address 196 NW Felt Way, LAKE CITY FL 32055
Contractors Name Mack Robinson Phone 386 755 2492
Address 24262 HWY 129 OBuen FL 32071

Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Mark Anway POB 868 L.C. FL 32056
Mortgage Lenders Name & Address Jim Delbene 192 SW Sagewood Ln L.C. FL 32024
First Federal Lake City Rob Burns

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

Property ID Number 02390-039 20-35-16 Estimated Cost of Construction \$480,000
Subdivision Name Fairfield Hills Lot 39 Block _____ Unit _____ Phase _____
Driving Directions HW 90 west TR on Brown Rd, SL on Itorgow, TR on Felt Way
Site on left.

Number of Existing Dwellings on Property 0
Construction of 370 Total Acreage 4.42 Lot Size _____
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 28'6"
Actual Distance of Structure from Property Lines - Front 300 Side 173 Side 117 Rear 274
Number of Stories 1 Heated Floor Area 4517 Total Floor Area 5642 Roof Pitch 10/12

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

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

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

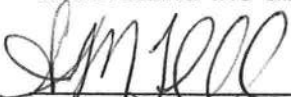
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

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

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

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

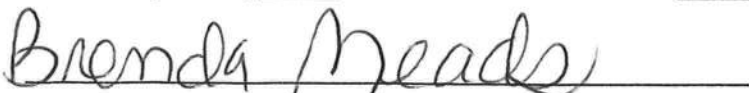

Owners Signature

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


Contractor's Signature (Permitee)

Contractor's License Number RB 0054287
Columbia County
Competency Card Number 000134

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 10 day of July 2008.
Personally known _____ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



NOTICE OF COMMENCEMENT

Columbia

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 02194-031

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.

- LOT 39, FARMFIELD AVE

1. Description of property (legal description):

a) Street (job) Address: 196 NW FETTER WAY, LAKE CITY, FL 32055

2. General description of improvements: SFD

3. Owner Information

a) Name and address: Amela Suberville

b) Name and address of fee simple titleholder (if other than owner) 322 NW Summer Ave, Lake City, FL 32055

c) Interest in property

4. Contractor Information

a) Name and address: Mack Robinson & Son Construction

b) Telephone No.: 386-755-2492 Fax No. (Opt.)

5. Surety Information

a) Name and address:

b) Amount of Bond:

c) Telephone No.: F

6. Lender

a) Name and address:

b) Phone No.

Inst: 200812012920 Date: 7/10/2008 Time: 10:50 AM

DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1154 P: 659

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. Mack Robinson
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
MACK ROBINSON
Print Name

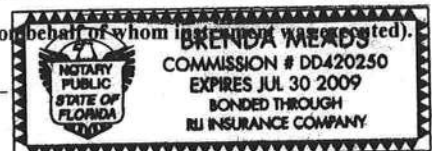
The foregoing instrument was acknowledged before me, a Florida Notary, this 27 day of June, 2008, by:

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 Brenda Meads 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.

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

@ CAM112M01 S CamaUSA Appraisal System
 7/18/2008 13:20 Legal Description Maintenance
 Year T Property Sel
 2008 R 29-3S-16-02390-039 ...
 FAIRFIELD HILLS
 TURBERVILLE ANGELA

Columbia County
 69440 Land 001
 AG 000
 Bldg 000
 Xfea 000
 69440 TOTAL B

1	LOT 39 FAIRFIELD HILLS S/D.	ORB 748-426, ORB 769-1857,	2
3	775-652,808-2369, 810-1723,	814-002, WD 942-451,	4
5	WD 1058-1827, WD 1140-44		6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 5/20/2008 THRESA

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

Prepared by: & Return To:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 07-0447

Inst:200812000123 Date:1/4/2008 Time:9:45 AM
Doc Stamp-Deed:973.00
☒ DC,P.DeWitt Cason,Columbia County Page 1 of 1

General Warranty Deed

Made this January 3, 2008 A.D. By **Donald Halbert Wood and his wife, Lorie Ann Wood**, whose address is: PO Box 345, Lake City, Florida 32056, hereinafter called the grantor, to **Angela Turbeville**, whose post office address is: 522 NW Turner Avenue, Lake City, Florida 32055, hereinafter called the grantee:

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

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

Lot 39, FAIRFIELD HILLS, according to the plat thereof, as recorded in Plat Book 4, Page 107, of the Public Records of Columbia County, Florida.

Parcel ID Number: 02194-037

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

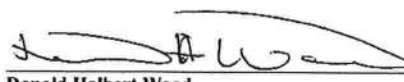
To Have and to Hold, the same in fee simple forever.

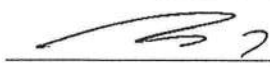
And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2007.

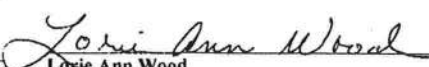
In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:


Witness Printed Name Chad Stewart

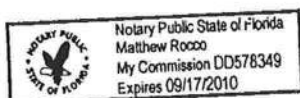
 (Seal)
Donald Halbert Wood
Address: P.O. Box 345, Lake City, Florida 32056


Witness Printed Name Matthew D. Rocco

 (Seal)
Lorie Ann Wood
Address: P.O. Box 345, Lake City, Florida 32056

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 3rd day of January, 2008, by Donald Halbert Wood and his wife, Lorie Ann Wood, who is/are personally known to me or who has produced Arizona License as identification.




Notary Public
Print Name: _____
My Commission Expires: _____

Gaylord Pump & Irrigation Inc.

P.O. Box 548
Branford, Fl. 32008
386-935-0932 Fax 386-935-0778

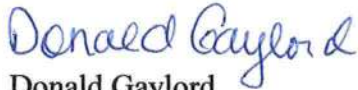
07/10/08

We will be drilling a well for Angela Tubervitle. The property ID number is 20-3S-16-02194-037. The following equipment will be used.

4" Steel Casing
1 Hp Submersible pump
1-1/4" Galvanize drop pipe
81 Gallon diaphragm tank with 24.9 gallons of draw down

This equipment meets or exceeds the Florida building code, plumbing section 612 table 612.1

Sincerely,



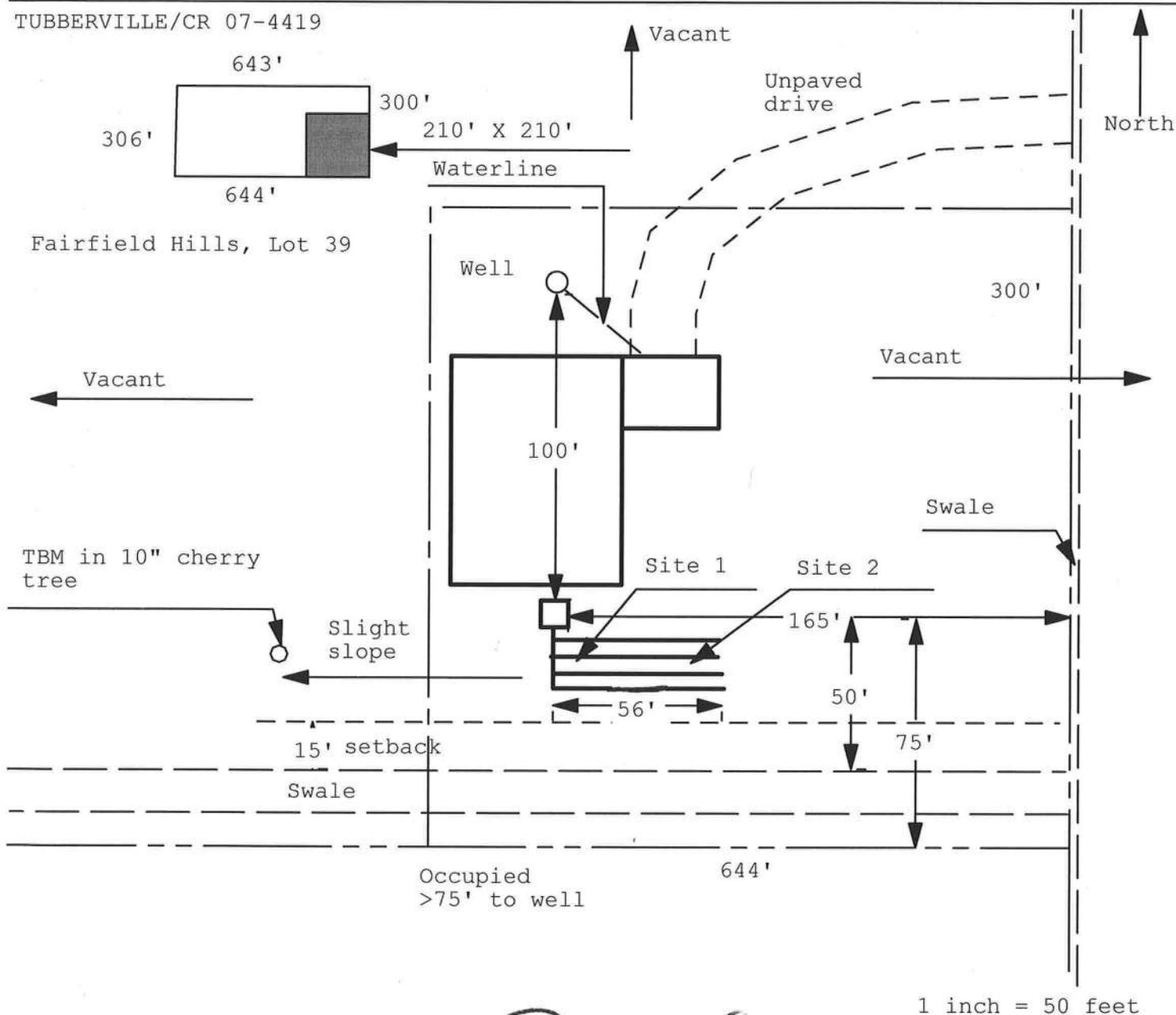
Donald Gaylord
Licensed Well Driller
Florida License 2630

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

Permit Application Number: 08-0471

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

TUBBERVILLE/CR 07-4419



1 inch = 50 feet

Site Plan Submitted By *Paul P. [Signature]* Date 6/30/08
 Plan Approved ☒ Not Approved ☐ Date 7-3-08

By *Mr. S. Lander* Columbia CPHU

Notes: _____



Columbia County Property Appraiser

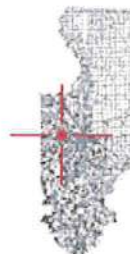
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: -

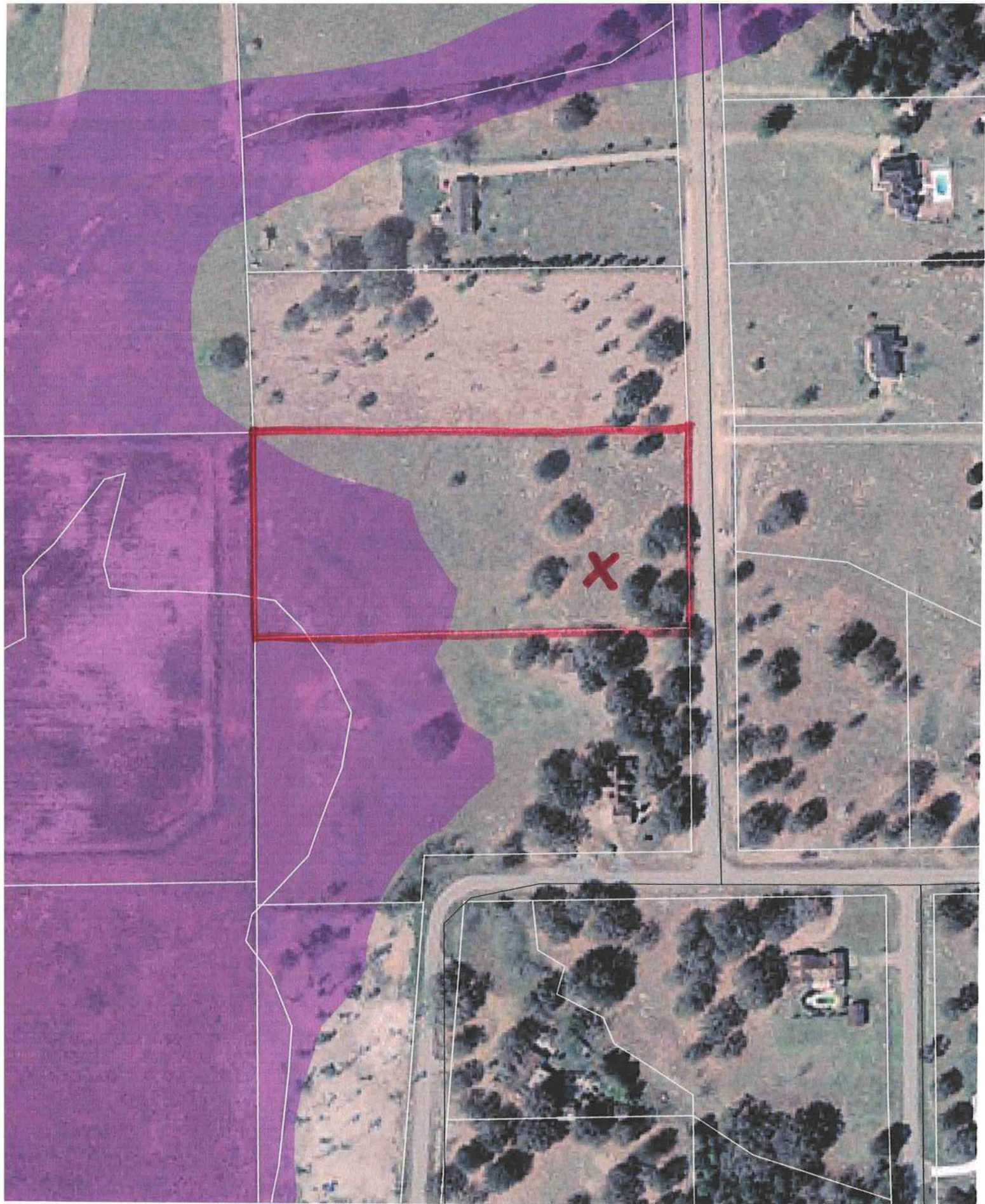
Name:
Site:
Mail:
Sales
Info

LandVal
BldgVal
ApprVal
JustVal
Assd
Exmpt
Taxable

0 170 340 510 ft



This information, GIS Map Updated: 4/15/2008, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



0807-22

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Angie Turbeville Residence**
Address: **Lot: 39, Sub: Fairfield Hills, Plat:**
City, State: **Lake City, FL 32055-**
Owner: **A. Turbeville**
Climate Zone: **North**

Builder: **Mack Robinson**
Permitting Office: **Columbia Co**
Permit Number: **27199**
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 | 4 | ___ |
| 5. Is this a worst case? | No | ___ |
| 6. Conditioned floor area (ft ²) | 4517 ft ² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft ² | 565.0 ft ² |
| b. Default tint | 0.0 ft ² | 0.0 ft ² |
| c. Labeled U or SHGC | 0.0 ft ² | 0.0 ft ² |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 306.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 2477.0 ft ² | ___ |
| b. Frame, Wood, Adjacent | R=13.0, 593.0 ft ² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 4175.0 ft ² | ___ |
| b. Under Attic | R=30.0, 342.0 ft ² | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 20.0 ft | ___ |
| b. N/A | | ___ |

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

Glass/Floor Area: 0.13

Total as-built points: 41090

Total base points: 57694

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: 6/30/08

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: Lot: 39, Sub: Fairfield Hills, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X	SPM X	SOF = Points		
.18	4517.0	20.04	16293.7	Double, Clear	E	2.0	6.0	24.0	42.06	0.85	856.1
				Double, Clear	E	2.0	8.0	108.0	42.06	0.91	4146.4
				Double, Clear	E	16.0	10.0	40.0	42.06	0.42	708.1
				Double, Clear	N	2.0	7.0	30.0	19.20	0.92	531.2
				Double, Clear	W	2.0	7.0	90.0	38.52	0.89	3074.4
				Double, Clear	W	5.0	7.0	15.0	38.52	0.62	355.8
				Double, Clear	W	12.0	7.0	15.0	38.52	0.42	244.9
				Double, Clear	W	2.0	7.0	26.0	38.52	0.89	888.2
				Double, Clear	W	10.0	10.0	60.0	38.52	0.53	1225.9
				Double, Clear	S	2.0	7.0	30.0	35.87	0.82	882.5
				Double, Clear	S	2.0	4.0	3.0	35.87	0.66	71.0
				Double, Clear	S	2.0	5.0	12.0	35.87	0.72	311.4
				Double, Clear	S	2.0	5.0	12.0	35.87	0.72	311.4
				Double, Clear	S	2.0	10.0	80.0	35.87	0.91	2610.7
				Double, Clear	S	2.0	9.0	20.0	35.87	0.89	635.6
				As-Built Total:		565.0				16853.5	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points	
Adjacent	593.0	0.70	415.1	Frame, Wood, Exterior	13.0		2477.0	1.50		3715.5	
Exterior	2477.0	1.70	4210.9	Frame, Wood, Adjacent	13.0		593.0	0.60		355.8	
Base Total:				As-Built Total:		3070.0				4071.3	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points	
Adjacent	21.0	2.40	50.4	Adjacent Insulated			21.0	1.60		33.6	
Exterior	0.0	0.00	0.0								
Base Total:				As-Built Total:		21.0				33.6	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X SCM	=	Points	
Under Attic	4517.0	1.73	7814.4	Under Attic	30.0		4175.0	1.73 X 1.00		7222.8	
				Under Attic	30.0		342.0	1.73 X 1.00		591.7	
Base Total:				As-Built Total:		4517.0				7814.4	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points	
Slab	306.0(p)	-37.0	-11322.0	Slab-On-Grade Edge Insulation	0.0		306.0(p)	-41.20		-12607.2	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		306.0				-12607.2	

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 39, Sub: Fairfield Hills, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
4517.0 10.21 46118.6				4517.0 10.21 46118.6					
Summer Base Points: 63581.1				Summer As-Built Points: 62284.2					
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)					
63581.1 0.4266 27123.7				62284.2 1.000 (1.090 x 1.147 x 0.91) 0.244 0.857 14811.1 62284.2 1.00 1.138 0.244 0.857 14811.1					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Fairfield Hills, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT										
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points							
.18	4517.0	12.74	10358.4	Double, Clear	E	2.0	6.0	24.0	18.79	1.06	478.3			
				Double, Clear	E	2.0	8.0	108.0	18.79	1.04	2101.6			
				Double, Clear	E	16.0	10.0	40.0	18.79	1.41	1057.5			
				Double, Clear	N	2.0	7.0	30.0	24.58	1.00	739.8			
				Double, Clear	W	2.0	7.0	90.0	20.73	1.03	1923.8			
				Double, Clear	W	5.0	7.0	15.0	20.73	1.13	351.0			
				Double, Clear	W	12.0	7.0	15.0	20.73	1.22	378.0			
				Double, Clear	W	2.0	7.0	26.0	20.73	1.03	555.8			
				Double, Clear	W	10.0	10.0	60.0	20.73	1.17	1451.1			
				Double, Clear	S	2.0	7.0	30.0	13.30	1.17	467.1			
				Double, Clear	S	2.0	4.0	3.0	13.30	1.64	65.4			
				Double, Clear	S	2.0	5.0	12.0	13.30	1.40	223.4			
				Double, Clear	S	2.0	5.0	12.0	13.30	1.40	223.4			
				Double, Clear	S	2.0	10.0	80.0	13.30	1.06	1123.8			
				Double, Clear	S	2.0	9.0	20.0	13.30	1.08	288.2			
				As-Built Total:							565.0		11428.3	
				WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points			
				Adjacent	593.0	3.60	2134.8	Frame, Wood, Exterior	13.0		2477.0	3.40	8421.8	
Exterior	2477.0	3.70	9164.9	Frame, Wood, Adjacent	13.0		593.0	3.30	1956.9					
Base Total:		3070.0	11299.7	As-Built Total:		3070.0		10378.7						
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points									
Adjacent	21.0	11.50	241.5	Adjacent Insulated			21.0	8.00	168.0					
Exterior	0.0	0.00	0.0											
Base Total:		21.0	241.5	As-Built Total:		21.0		168.0						
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points							
Under Attic	4517.0	2.05	9259.8	Under Attic	30.0		4175.0	2.05 X 1.00	8558.8					
				Under Attic	30.0		342.0	2.05 X 1.00	701.1					
Base Total:		4517.0	9259.8	As-Built Total:		4517.0		9259.8						
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points							
Slab	306.0(p)	8.9	2723.4	Slab-On-Grade Edge Insulation	0.0		306.0(p)	18.80	5752.8					
Raised	0.0	0.00	0.0											
Base Total:		2723.4		As-Built Total:		306.0		5752.8						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Fairfield Hills, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
4517.0 -0.59 -2665.0				4517.0 -0.59 -2665.0			
Winter Base Points: 31217.8				Winter As-Built Points: 34322.7			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)			
31217.8	0.6274	19586.1		34322.7 1.000 (1.069 x 1.169 x 0.93) 0.432 0.902 15539.3 34322.7 1.00 1.162 0.432 0.902 15539.3			

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Fairfield Hills, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
4		2746.00	10984.0	30.0	0.90	4		1.00	2684.98
									1.00
				As-Built Total:					10739.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			=				=
27124		19586		14811		15539	
		10984	57694			10740	41090

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 39, Sub: Fairfield Hills, Plat: , 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.	✓
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.)

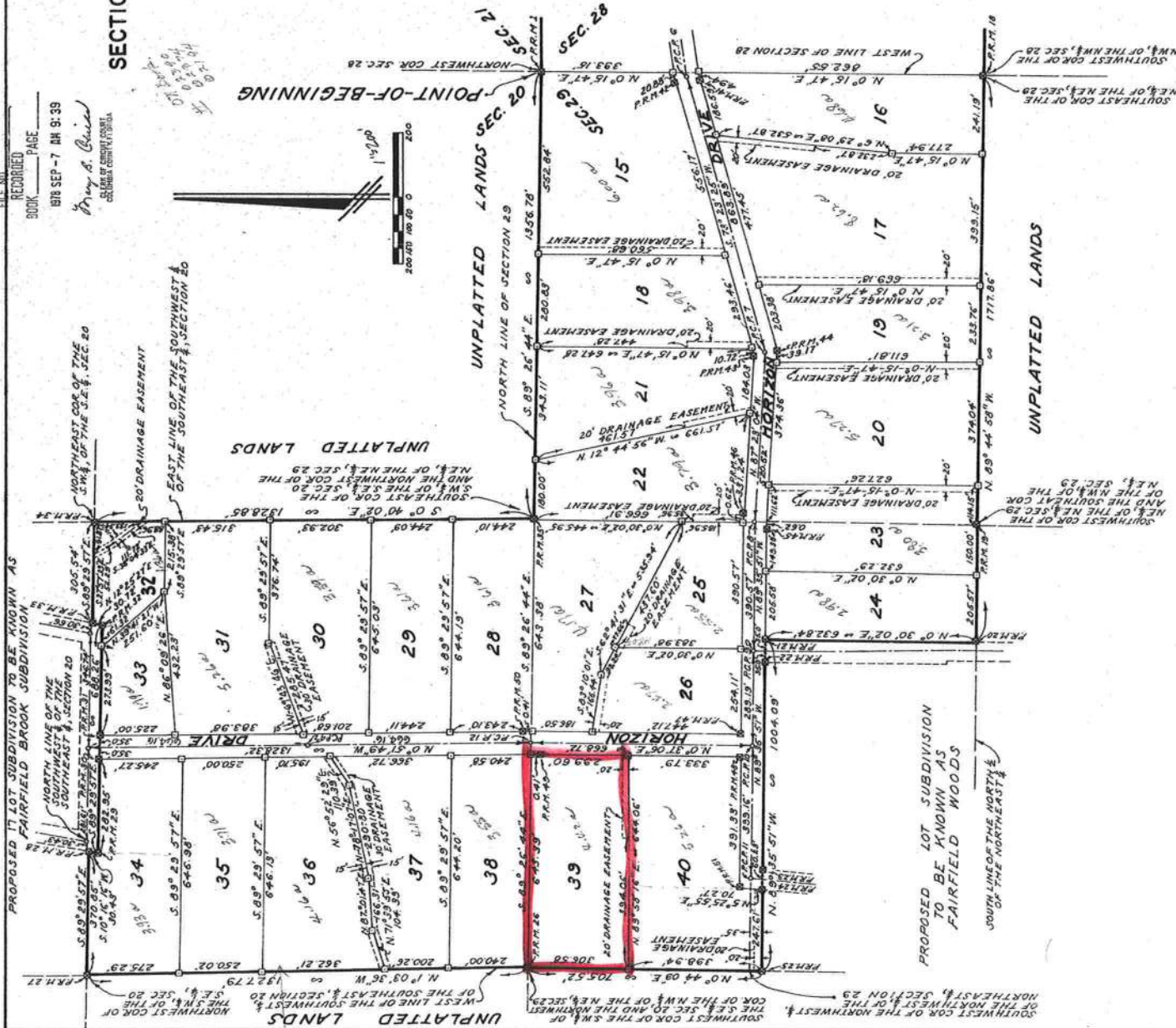
COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (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.	✓

FILE NO. _____
 RECORDED _____ PAGE _____
 1878 SEP-7 AM 9:33
 Mary S. Blair
 CLERK OF CIRCUIT COURT
 COLUMBIA COUNTY, FLORIDA

FAIRFIELD HILLS

IN

SECTION 20, 28, & 29, TOWNSHIP 3 SOUTH, RANGE 16
 COLUMBIA COUNTY, FLORIDA



DEDICATION:

KNOW ALL MEN BY THESE PRESENTS THAT LENVIL H. DICKS, OWNER, AI CURRIE, AND DONALD A. WILLIAMS, VICE PRESIDENT AND ASSIST. CASHIER OF THE STATE EXCHANGE BANK, A FLORIDA BANKING CORPORATION, A PLATTED TO BE KNOWN AS FAIRFIELD HILLS, AND THAT ALL STREET AND EASEMENTS AS SHOWN ARE HEREBY DEDICATED TO THE PUBLIC THE PUBLIC FOR PROPER USES AND PURPOSES THEREON STATE. IN WITNESS WHEREOF LENVIL H. DICKS AS OWNER, AND CLIFFORD L. DONALD A. WILLIAMS, VICE PRESIDENT AND ASSIST. CASHIER, RESPECTIVELY, CAUSED THESE PRESENTS TO BE EXECUTED WITH THEIR SEALS HEREIN SIGNED, SEALED AND DELIVERED IN THE PRESENCE OF

STATE EXCHANGE BANK
 CLIFFORD L. CURRIE, VICE PA
 DONALD A. WILLIAMS, ASSIST
 WITNESS: *[Signature]*
 WITNESS: *[Signature]*

ACKNOWLEDGEMENT STATE OF FLORIDA COUNTY OF COLUMBIA

I HEREBY CERTIFY THAT ON THIS DAY OF 1978, BEFO PERSONALLY APPEARED LENVIL H. DICKS, OWNER AND ASSIST C AND DONALD A. WILLIAMS, VICE PRESIDENT AND ASSIST C, RESPECTIVELY, OF THE STATE EXCHANGE BANK, A FLORIDA BANKING AS MORTGAGEE TO ME KNOWN TO BE THE INDIVIDUALS DESCRIBED I THEOREOF FOR AND ON BEHALF OF SAID INDIVIDUALS AND THE SEALS INDIVIDUALS ARE DULY AFFIXED THEREON.

WITNESS MY HAND AND SEAL AT 1978, STATE OF FLORIDA, 7

MY COMMISSION EXPIRES 1978
 NOTARY PUBLIC

APPROVED BY BOARD OF COUNTY COMMISSION COLUMBIA COUNTY, FLORIDA

SIGNED: *[Signature]* CHAIRMAN

ATTEST: *[Signature]* CLERK

DATE: 9-5-78

CERTIFICATE OF CLERK:

I HEREBY CERTIFY THAT THE FOREGOING PLAT HAVING BEEN DULY APPL THE BOARD OF COUNTY COMMISSIONERS OF COLUMBIA COUNTY, FLO, ACCEPTED BY ME AND FILED FOR RECORD THIS 11 DAY OF SEP IN PLAT BOOK 4 PAGE 1710 OF THE PUBLIC RECORDS OF COLUMBIA FLORIDA.

[Signature]
 CLERK OF CIRCUIT COURT
 COLUMBIA COUNTY, FLORIDA

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: ITIO8228Z0525170924

Truss Fabricator: Anderson Truss Company
Job Identification: 8-141--Mack Robinson Constructio TUBERVILLE -- , **
Truss Count: 86
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.36, 7.37.
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



Seal Date: 06/25/2008

Notes:

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

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: BRCLBSUB-A11015EE-GBLLETIN-TCFILLER-BCFILLER-REPBCFIL-CNBRGBLK-PIGBACKA-PIGBACKB-A11030EE-

#	Ref	Description	Drawing#	Date
1	65232--H7A		08177038	06/25/08
2	65233--H9A		08177045	06/25/08
3	65234--H11A		08177049	06/25/08
4	65235--H11AA		08177071	06/25/08
5	65236--H11AB		08177055	06/25/08
6	65237--H11AC		08177054	06/25/08
7	65238--H11AD		08177056	06/25/08
8	65239--H11AE		08177069	06/25/08
9	65240--H11AF		08177070	06/25/08
10	65241--H11AG		08177057	06/25/08
11	65242--H11AH		08177058	06/25/08
12	65243--H11AI		08177059	06/25/08
13	65244--H11AJ		08177077	06/25/08
14	65245--H11AK		08177073	06/25/08
15	65246--H11AL		08177060	06/25/08
16	65247--H11AM		08177061	06/25/08
17	65248--H11AN		08177043	06/25/08
18	65249--H11AO		08177031	06/25/08
19	65250--H11AP		08177064	06/25/08
20	65251--H11AQ		08177062	06/25/08
21	65252--H11AR		08177078	06/25/08
22	65253--H11AS		08177076	06/25/08
23	65254--H7B		08177025	06/25/08
24	65255--H9B		08177032	06/25/08
25	65256--H11B		08177023	06/25/08
26	65257--H11BB		08177001	06/25/08
27	65258--H11BC		08177033	06/25/08
28	65259--H11BD		08177036	06/25/08
29	65260--C-1		08177007	06/25/08
30	65261--H11C		08177083	06/25/08
31	65262--H7C		08177034	06/25/08
32	65263--H9C		08177044	06/25/08
33	65264--D1		08177066	06/25/08
34	65265--D2		08177024	06/25/08
35	65266--D-GE		08177068	06/25/08
36	65267--E-GE		08177005	06/25/08
37	65268--E1		08177006	06/25/08
38	65269--E2-GDR		08177008	06/25/08

#	Ref	Description	Drawing#	Date
39	65270--F1		08177017	06/25/08
40	65271--F-GE		08177016	06/25/08
41	65272--G2-GDR		08177047	06/25/08
42	65273--H7G		08177028	06/25/08
43	65274--G1		08177029	06/25/08
44	65275--I1-GDR		08177019	06/25/08
45	65276--I-GE		08177018	06/25/08
46	65277--J1		08177014	06/25/08
47	65278--HJ7		08177010	06/25/08
48	65279--HJ7A		08177039	06/25/08
49	65280--J3		08177012	06/25/08
50	65281--J5		08177011	06/25/08
51	65282--J3B		08177041	06/25/08
52	65283--J5B		08177042	06/25/08
53	65284--EJ7B		08177046	06/25/08
54	65285--J2		08177027	06/25/08
55	65286--HJ3		08177026	06/25/08
56	65287--HJ2		08177022	06/25/08
57	65288--EJ7		08177015	06/25/08
58	65289--J5A		08177040	06/25/08
59	65290--EJ7A		08177048	06/25/08
60	65291--EJ7C		08177037	06/25/08
61	65292--HJ7T		08177002	06/25/08
62	65293--EJ7T		08177009	06/25/08
63	65294--H3K		08177020	06/25/08
64	65295--K1-GDR		08177021	06/25/08
65	65296--PB21		08177065	06/25/08
66	65297--PB22		08177013	06/25/08
67	65298--PB10		08177004	06/25/08
68	65299--PB16		08177035	06/25/08
69	65300--PB15		08177079	06/25/08
70	65301--PB14		08177074	06/25/08
71	65302--PB13		08177081	06/25/08
72	65303--PB12		08177080	06/25/08
73	65304--PB11		08177075	06/25/08
74	65305--PB9		08177050	06/25/08
75	65306--PB8		08177067	06/25/08
76	65307--PB7		08177068	06/25/08

#	Ref	Description	Drawing#	Date
77	65308--PB6		08177082	06/25/08
78	65309--PB1		08177051	06/25/08
79	65310--PB2		08177052	06/25/08
80	65311--PB3		08177053	06/25/08
81	65312--PB4		08177084	06/25/08
82	65313--PB5		08177085	06/25/08
83	65314--PB21		08177003	06/25/08
84	65315--PB20		08177030	06/25/08
85	65316--PB19		08177072	06/25/08
86	65317--PB18		08177063	06/25/08





ANGLED WALLS
BRG TO HELP
SUPPORT
GIRDER TRUSS

ИЗДАТЕЛЬСТВО «НАУКА» (СПБ) 1988

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.
Web:	1 Row	@ 4" o.c.

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

Max JT VERT DEFL: LL: 0.15" DL: 0.33" recommended camber 1/2"

100% 95% 90% 85% 80% 75% 70% 65% 60% 55% 50% 45% 40% 35% 30% 25% 20% 15% 10% 5% 0%

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.

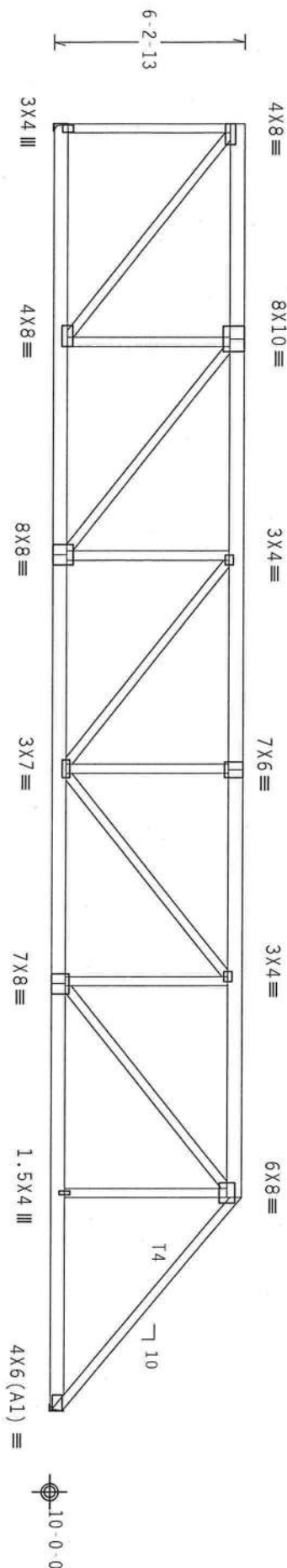


Diagram of a continuous beam with two supports. The beam is divided into two equal spans of 7.0-0. The total length is 14.0-0. The beam is labeled "42-0-0 Over 2 Supports". The reaction at the left support is R=4314 and at the right support is R=3915. The beam is supported by two vertical supports.

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/-/

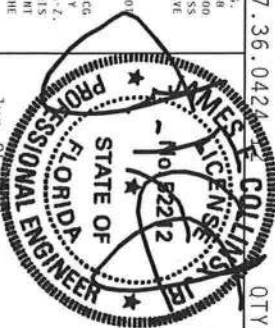
Scale = .1875" / Ft.

WARNING: THIS PRODUCT'S EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST (BUILDING COMPONENTS EXISTENCE INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MOBILE, AL 36619 FOR SAFETY PRACTICES AND PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0078



Jun 25 08

TC LL	20.0 PSF	REF	R8228- 65232
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177038
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89299
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T10828Z05

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.

(B) 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.

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

 $R=1734 \quad U=138$
$$Cq/RT=1.00(1.25)/0(0)$$

QTY:1

Scale = .1875"/Ft.

HAVE

11

50A-Z

THE

1

1

1

1

FL/-/4/-/-/R/-		Scale = .1875"/ft.
TC LL	20.0 PSF	REF R8228 - 65233
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR88228 08177045
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN - 89310
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF - IT108228205

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

Left end vertical not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.11" DL: 0.16" recommended camber 1/4"

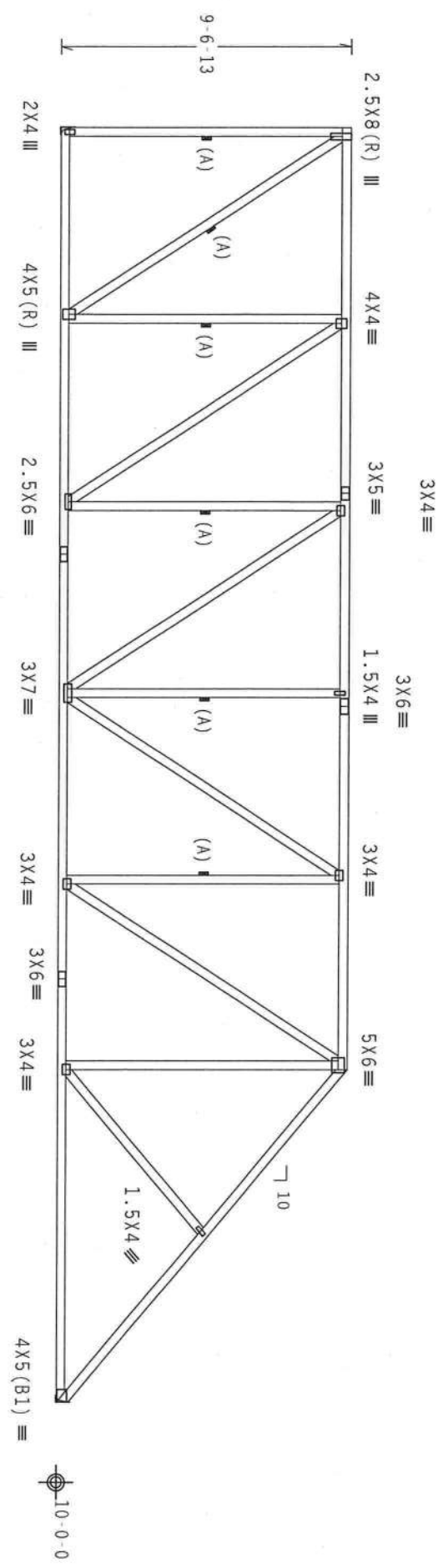
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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.

(A) Continuous lateral bracing equally spaced on member.

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



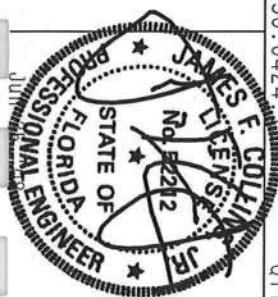
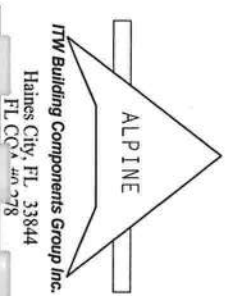
31'-0-0
42'-0-0 Over 2 Supports
R=1684 U=199
R=1743 U=126

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 SYSTEMS, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICK GOOD TRUSS COUNCIL OF AMERICA, 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. TIV 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.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA AND TPI. TIV BCG PROVIDES TRUSSES FOR 20/10/1604 (4x4/5x4) ASH/AS5 GRADE 40/60 (4, 6/11, 55) GALV. STEEL. APPLY ANY APPLICABLE LOCAL OR STATE REQUIREMENTS TO THIS DESIGN. POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FURNISHED BY TIV SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. 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 - 65234
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177049
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	89323
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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 MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



R=1743 U=126

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

QTY:5

Scale = .1875" / Ft.

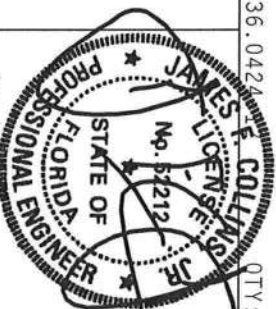
218
6300
LESS
HAVE

NO. 52212

JAMES
LICENSE
JR

ITW Building Components Group Inc

Jun 25 '08



TC LL	20.0 PSF	REF	R8228- 65235
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177071
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89328
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T10828205

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

Left end vertical not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.10" DL: 0.16" recommended camber 1/4"

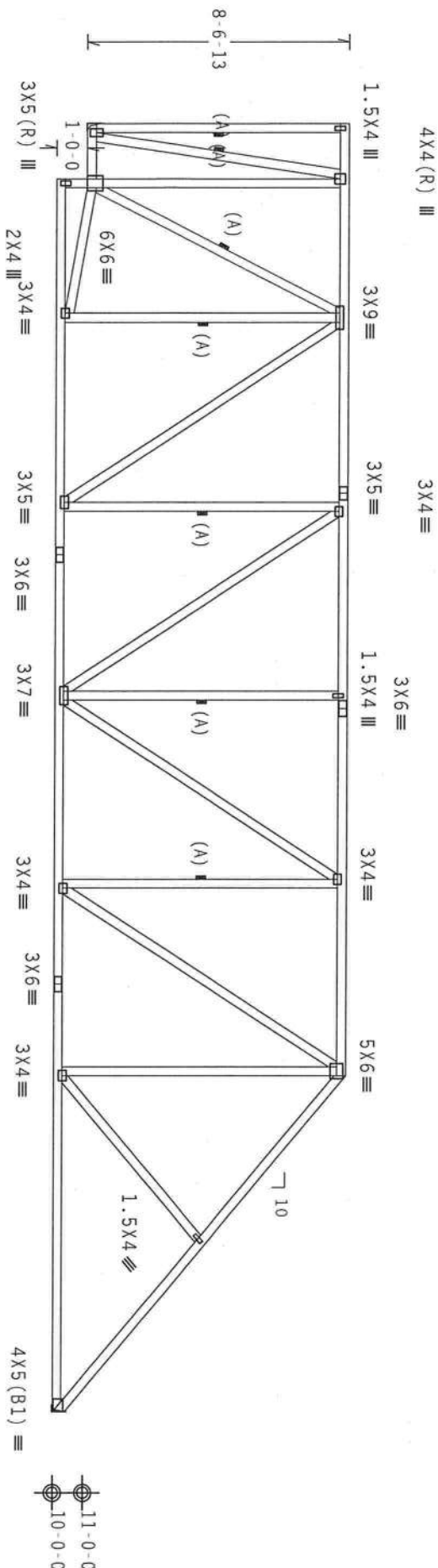
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

QTY:1

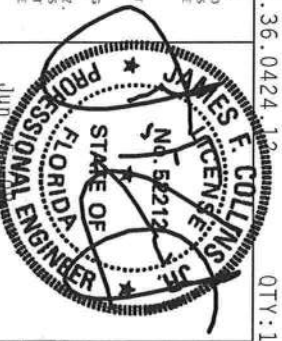
FL/-/4/-/-/R/-

Scale = .1875"/ft.

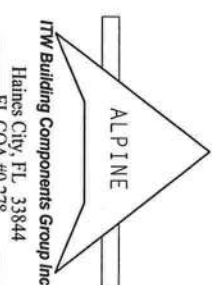
****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL BUREAU OF STANDARDS, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NRC (WOOD TRUSS CONSTRUCTION OF AMERICA),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

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

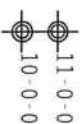
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PSA AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1604 (HAR/S7A) ASTM A553 GRADE 40/60 (K, K70, S8) GALV. STEEL. APPLY TO ALL TRUSS MEMBERS. THE TRUSS SHALL BE ASSOCIATED WITH THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY A VISUAL CHECK OF THE TRUSS SHALL BE SUFFICIENT 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- 65236
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177055
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 89349
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205



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



R=1959 U=153 W=3.5"

Scale = .1875"/Ft.

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.

424
JAMES F. COLLINS
LICENSE
No. 62212
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Jun 25 08
QTY

TC LL	20.0 PSF	REF	R8228 - 65237
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUS8228 08177054
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEON -	89359
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

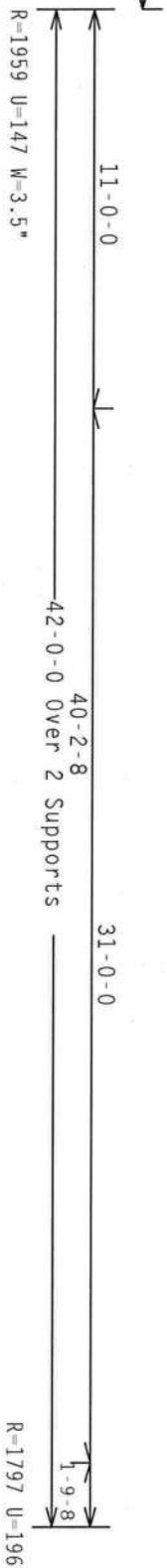
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 Gcpi (+/-)-0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(B) 2x6 #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.



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

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

7.36.0424 1

QTY:1

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

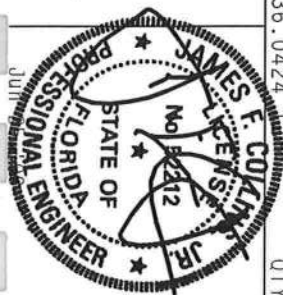
Scale = .1875"/Ft.

WARNING: THESE REINFORCED CONCRETE EXTERIOR GIRDERS IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO GC51 (QUOTING COMPONENT SAFETY INFORMATION), PUBLISHED BY PCI (CONCRETE PANEL INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND APCA (GOOD TRUSS COUNCIL OF AMERICA), 6500 GARDEN ENTERPRISE LANE, MORTON, IL 61559 FOR SAFETY PRACTICES PRIOR TO REINFORCING THESE STRUCTURES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED FIELD CHALLING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W./H./S./K) ASTM A653 GRADE 40/40 (W./H./S.) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2 THROUGH 1604-7. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMNC A3 OF TP11-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 65238
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177056
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89409
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

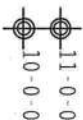
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 GCPI (+/-)-0.18

Wind reactions based on MMFRS pressures.

Max JT VERT DEFL: LL: 0.10" DL: 0.17" recommended camber 1/4"

(A) 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.

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



Scale = .1875"/Ft.



STATE OF

RECEIVED
JUN 25 1968

00 07 1100

REF ID: A67872

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

Left end vertical not exposed to wind pressure.

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.

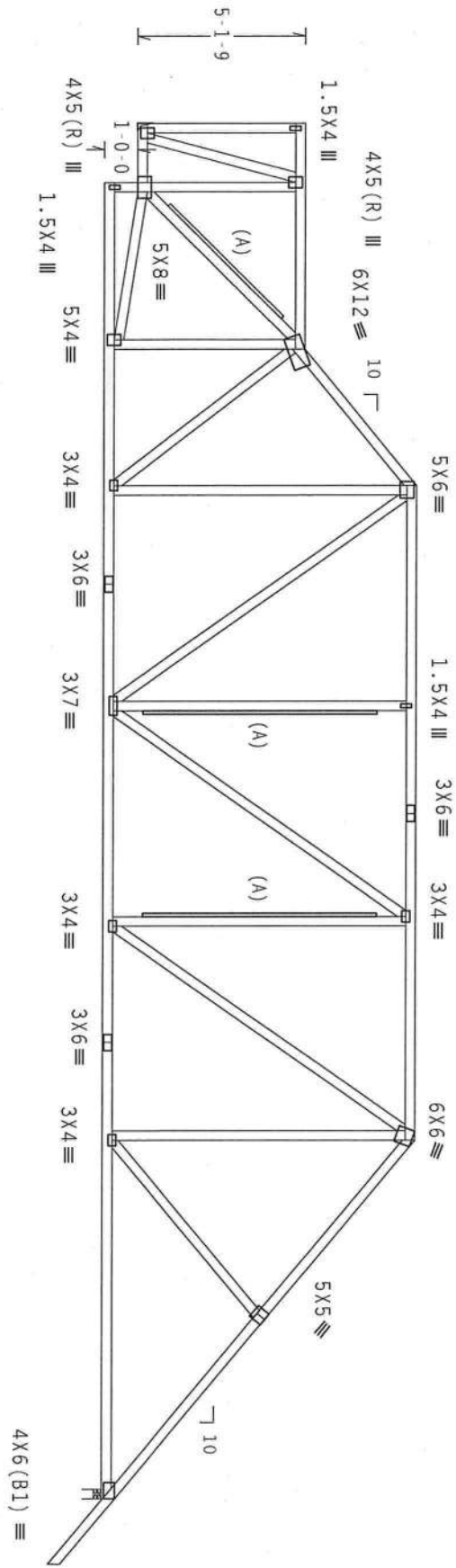
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.

Max UT VERT DEFL: LL: 0.10" DL: 0.17" recommended camber 1/4"

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



6'-10-8 4'-1-8 20'-0-0 40'-2-8 11'-0-0
1'-9-8 42'-0-0 Over 2 Supports
R=1797 U=168 R=1959 U=163 W=3.5"

PLT TYP. Wave

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

7.36.0424

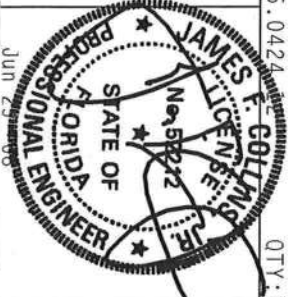
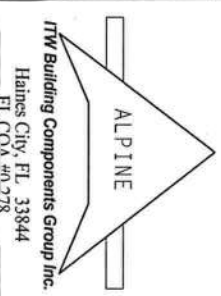
OTY:1

FL/-/4/-/R/-

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (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, 6100 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 TABULATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AIA/DAI AND TPI. THE BCG DESIGN CONTRACTORS SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC.21. UNLESS OTHERWISE INDICATED, 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- 65240
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177070
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89451
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

מ.מ.מ. מן הסוגים שיש להם (למשל א.מ.מ.מ.)

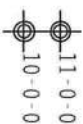
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, closed bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 gcpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

Max JT VERT DEFL: LL: 0.10" DL: 0.16" recommended camber 1/4"

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.

TC LL	20.0 PSF	REF R8228 - 65241
TC DL	10.0 PSF	DATE 06/25/08



Haines City, FL 33844
FL COA #0078



TC LL	20.0 PSF	REF R8228- 65241
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCU8R8228 0817705/
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 89446
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228Z05

THE UNIVERSITY OF CHICAGO

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.

Max JT VERT DEFL: LL: 0.10" DL: 0.17" recommended camber 1/4"

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

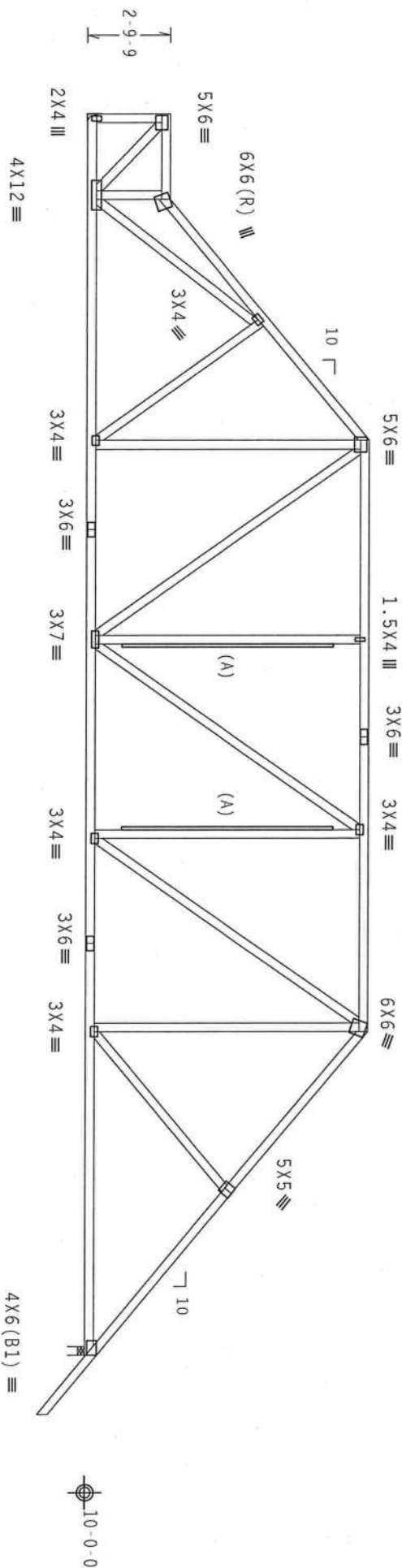


Diagram showing the elevation of a bridge structure with the following dimensions and labels:

- Top section: 2'-10" - 8"
- Section 1: 8'-1" - 8"
- Section 2: 20'-0" - 0"
- Section 3: 11'-0" - 0"
- Bottom section: 42'-0" - 0" Over 2 Supports
- Overall width: R=1797 U=154
- Overall height: R=1959 U=165 W=3.5"

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

QTY:1

Scale = .1875"/Ft.

WARNING: FRICK'S BUILDING REQUIRE CASE IN FABRICATION, HANDLOTT, SHIPMENT, INSTALLING AND DRIPPING REFER TO 86251 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TUBLESS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA (GOOD THRUSS COMPANY), OF AMERICA, 6300 ENTERPRISE LANE, SUITE 1500, M-53179 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 RIDGE CEILING.

ITW Building Components Group Inc.

Haines City, FL 33844
FL CC # 40 278



TC LL	20.0 PSF	REF	R8228- 65242
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177058
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89463
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Lt Wedge 2x4 SP #3:

Roof overhang supports 2.00 psf soffit load.

(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

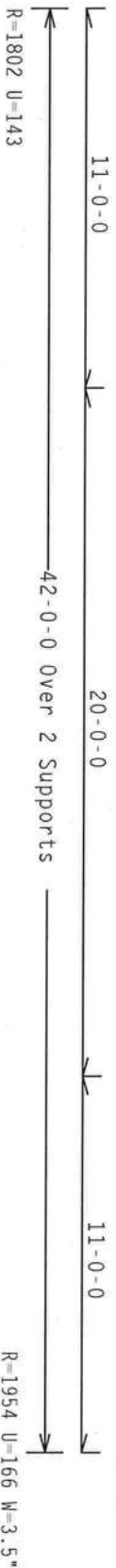
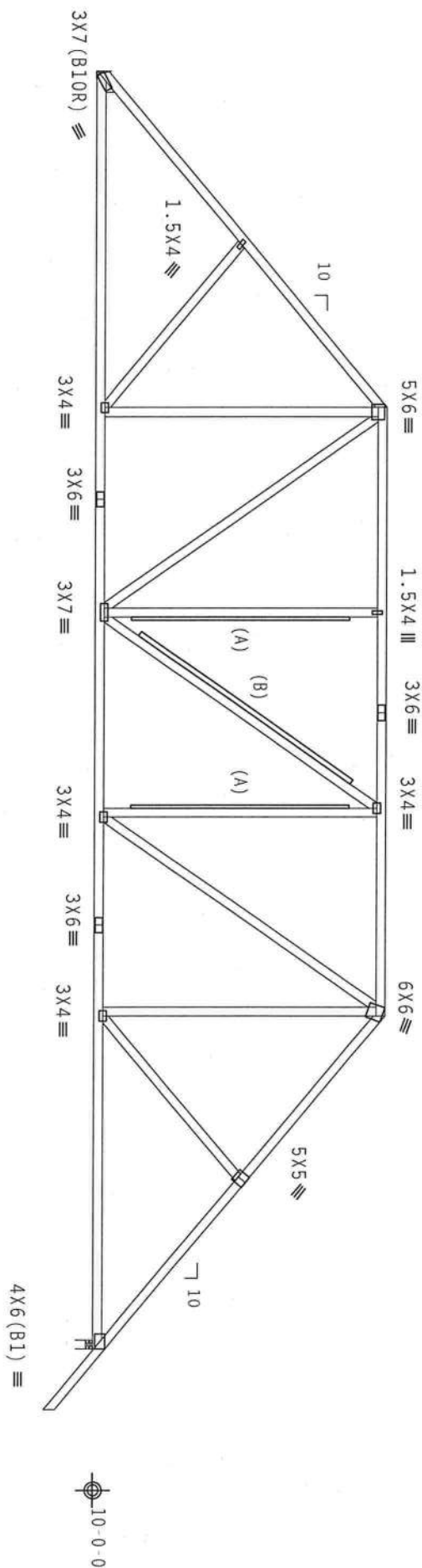
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

(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.



PLT TYP. Wave

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

7.36.0424

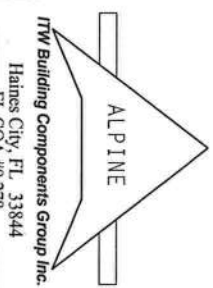
OTV:1

FL/-/4/-/R/-

Scale = .1875"/Ft.

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

****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/AS) AND TPI. THE REG. ENGINEER'S SEAL AND SIGNATURE SHALL BE PLACED ON EACH SIDE OF THE TRUSS PLATE. THE REG. ENGINEER SHALL INSPECT EACH FACE OF TRUSS AND BOTTOM CHORD FOR PROPER ATTACHMENT OF STRUCTURAL PANELS AND CEILING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 43 OF TPI-2002 SECTION PER DESIGNER'S SIGNATURE. 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- 65243
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177059
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89470
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	UREF- 11108228205

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Lt Wedge 2x4 SP #3:

Roof overhang supports 2.00 psf soffit load.

(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5".min.)nails @ 6" OC.

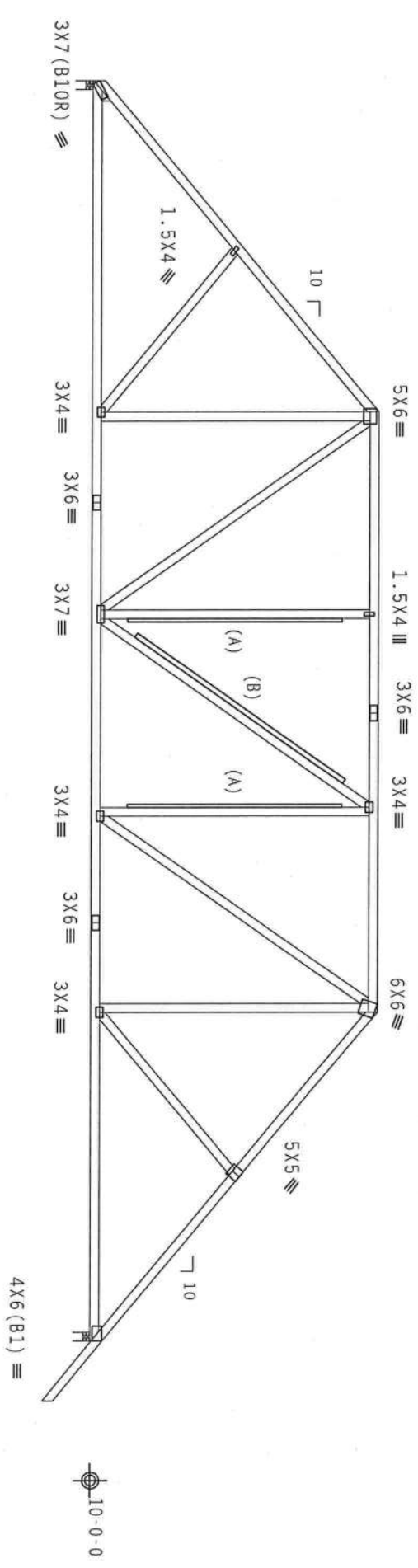
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

(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.

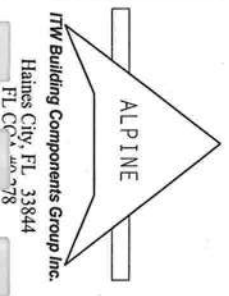


11'-0" 11'-0" 20'-0" 42'-0" Over 2 Supports
R=1803 U=143 W=3.5" R=1953 U=166 W=3.5"

PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC Qq/RT=1.00(1.25)/0(0) 7.36.042 1.1 COLLING OTY:1 FL/-/4/-/R/- Scale = .1875"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA) ENTERPRISE LABEL, #401508, IN 53719 FOR SAFETY PRACTICES PRIOR TO PROHIBING THESE FUNCTIONS. DRESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. THE BCG CONNECTIONS ARE MADE OF 20/18/16GA (6.4/5.8/4.5) ASPH 6063 GRADE 40/60 (40.7/41.55) GALV. STEEL. APPLY ANTI-CORROSION TREATMENT TO ALL EXPOSED SURFACES. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL ON THIS DESIGN SHOWN. THE SUSTAINABILITY 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- 65244
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177077
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89519
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

(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.

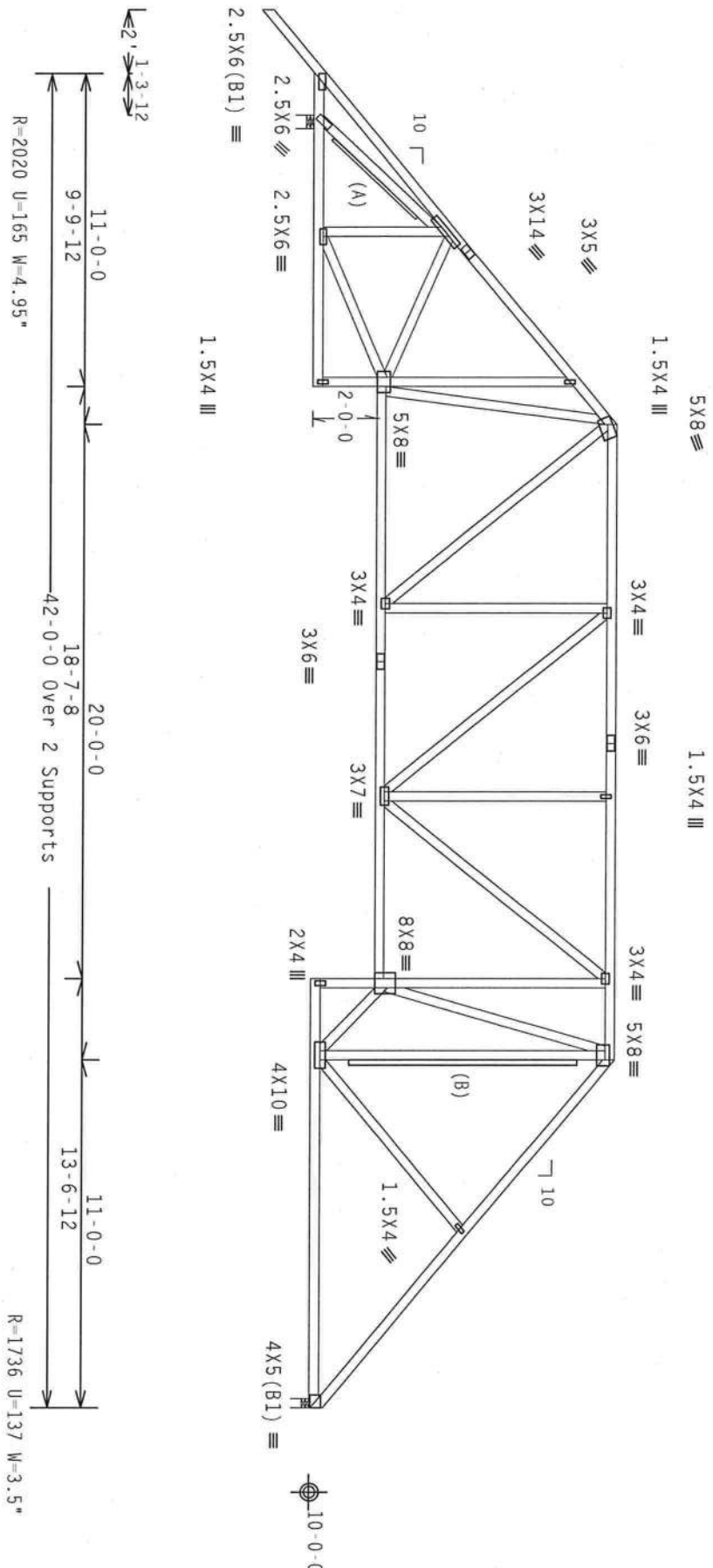
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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 Gcpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

(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.



PLT TYP. Wave

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

7.36.0424

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, 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**** 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 THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. 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.

ALPINE
TPI Building Components Group Inc.
Haines City, FL 33844
FL COA #0-78



FL/-/4/-/R/-	OTV:1	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R8228- 65245
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 08177073
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89529
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228Z05

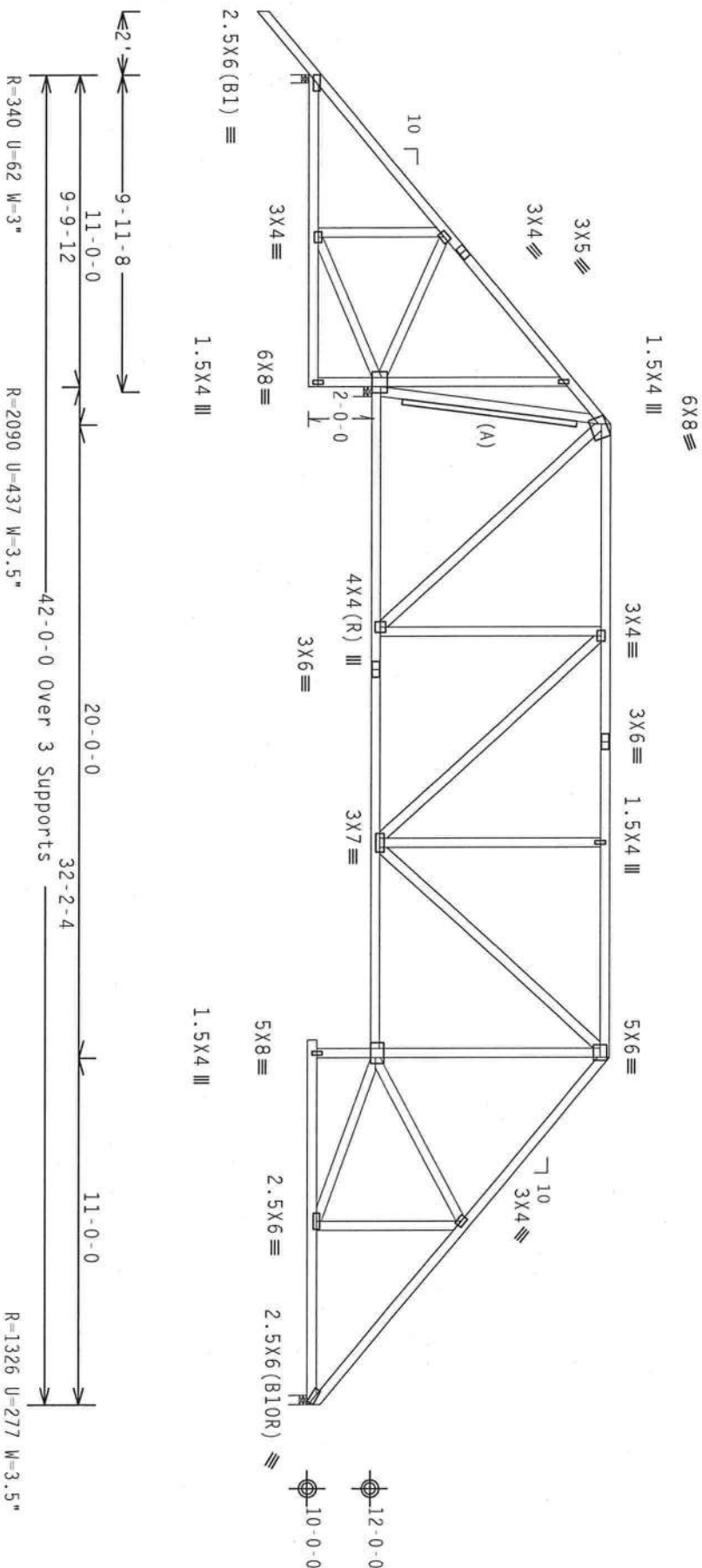
המחברת מודה לפרופ' ד"ר יעקב גולדברג, מנהל מרכז המחקר והיישום, על סיועו במימון מחקר זה.

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 Gcpi (+/-)0.55

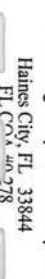
Wind reactions based on MWFRS pressures.

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.



TC LL	20.0 PSF	REF R8228- 65246
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCURS8228 0817706
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89545
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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 GCpi (+/-) -0.55

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.



Scale = 1875"/Ft.



ITW Building Components Group
Haines City, FL 33844

BC LL	0.0 PSF	HC-ENG UB/AP
TOT.LD.	40.0 PSF	SEQN- 89556
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228Z05

JREF - 1T108228Z05

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

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.

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

QTY:1

Scale = .1875"/Ft.

QTY: 5.0424

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



Haines City, FL 33844
FL COA #0278



Jun 25 06

TC LL	20.0 PSF	REF	R8228 - 65248
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCSUR8228 08177043
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON -	89572
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228205

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.

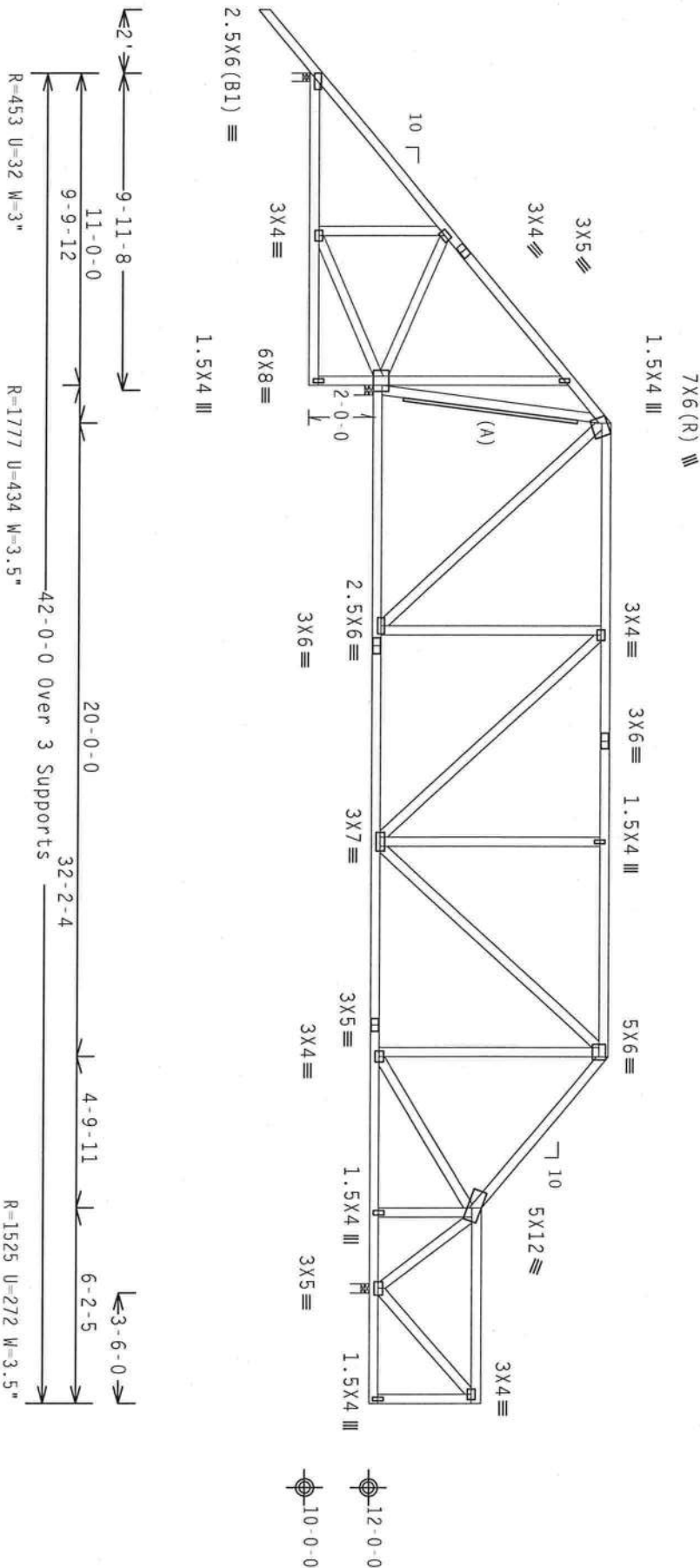
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART 1-ENC. 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. 1w=1.00 GCPI (+/-)=0.55

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)

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

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2100 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.

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DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF MOST QUALIFIED DESIGN SPEC. BY AEPDA AND TPI. TPI BCG PLATES TO EACH FACE OF TRUSS 2X4/2X6/2X8/2X10/2X12/2X14/2X16/2X18/2X20/2X22/2X24/2X26/2X28/2X30/2X32/2X34/2X36/2X38/2X40/2X42/2X44/2X46/2X48/2X50/2X52/2X54/2X56/2X58/2X60/2X62/2X64/2X66/2X68/2X70/2X72/2X74/2X76/2X78/2X80/2X82/2X84/2X86/2X88/2X90/2X92/2X94/2X96/2X98/2X100/2X102/2X104/2X106/2X108/2X110/2X112/2X114/2X116/2X118/2X120/2X122/2X124/2X126/2X128/2X130/2X132/2X134/2X136/2X138/2X140/2X142/2X144/2X146/2X148/2X150/2X152/2X154/2X156/2X158/2X160/2X162/2X164/2X166/2X168/2X170/2X172/2X174/2X176/2X178/2X180/2X182/2X184/2X186/2X188/2X190/2X192/2X194/2X196/2X198/2X200/2X202/2X204/2X206/2X208/2X210/2X212/2X214/2X216/2X218/2X220/2X222/2X224/2X226/2X228/2X230/2X232/2X234/2X236/2X238/2X240/2X242/2X244/2X246/2X248/2X250/2X252/2X254/2X256/2X258/2X260/2X262/2X264/2X266/2X268/2X270/2X272/2X274/2X276/2X278/2X280/2X282/2X284/2X286/2X288/2X290/2X292/2X294/2X296/2X298/2X300/2X302/2X304/2X306/2X308/2X310/2X312/2X314/2X316/2X318/2X320/2X322/2X324/2X326/2X328/2X330/2X332/2X334/2X336/2X338/2X340/2X342/2X344/2X346/2X348/2X350/2X352/2X354/2X356/2X358/2X360/2X362/2X364/2X366/2X368/2X370/2X372/2X374/2X376/2X378/2X380/2X382/2X384/2X386/2X388/2X390/2X392/2X394/2X396/2X398/2X400/2X402/2X404/2X406/2X408/2X410/2X412/2X414/2X416/2X418/2X420/2X422/2X424/2X426/2X428/2X430/2X432/2X434/2X436/2X438/2X440/2X442/2X444/2X446/2X448/2X450/2X452/2X454/2X456/2X458/2X460/2X462/2X464/2X466/2X468/2X470/2X472/2X474/2X476/2X478/2X480/2X482/2X484/2X486/2X488/2X490/2X492/2X494/2X496/2X498/2X500/2X502/2X504/2X506/2X508/2X510/2X512/2X514/2X516/2X518/2X520/2X522/2X524/2X526/2X528/2X530/2X532/2X534/2X536/2X538/2X540/2X542/2X544/2X546/2X548/2X550/2X552/2X554/2X556/2X558/2X560/2X562/2X564/2X566/2X568/2X570/2X572/2X574/2X576/2X578/2X580/2X582/2X584/2X586/2X588/2X590/2X592/2X594/2X596/2X598/2X600/2X602/2X604/2X606/2X608/2X610/2X612/2X614/2X616/2X618/2X620/2X622/2X624/2X626/2X628/2X630/2X632/2X634/2X636/2X638/2X640/2X642/2X644/2X646/2X648/2X650/2X652/2X654/2X656/2X658/2X660/2X662/2X664/2X666/2X668/2X670/2X672/2X674/2X676/2X678/2X680/2X682/2X684/2X686/2X688/2X690/2X692/2X694/2X696/2X698/2X700/2X702/2X704/2X706/2X708/2X710/2X712/2X714/2X716/2X718/2X720/2X722/2X724/2X726/2X728/2X730/2X732/2X734/2X736/2X738/2X740/2X742/2X744/2X746/2X748/2X750/2X752/2X754/2X756/2X758/2X760/2X762/2X764/2X766/2X768/2X770/2X772/2X774/2X776/2X778/2X780/2X782/2X784/2X786/2X788/2X790/2X792/2X794/2X796/2X798/2X800/2X802/2X804/2X806/2X808/2X810/2X812/2X814/2X816/2X818/2X820/2X822/2X824/2X826/2X828/2X830/2X832/2X834/2X836/2X838/2X840/2X842/2X844/2X846/2X848/2X850/2X852/2X854/2X856/2X858/2X860/2X862/2X864/2X866/2X868/2X870/2X872/2X874/2X876/2X878/2X880/2X882/2X884/2X886/2X888/2X890/2X892/2X894/2X896/2X898/2X900/2X902/2X904/2X906/2X908/2X910/2X912/2X914/2X916/2X918/2X920/2X922/2X924/2X926/2X928/2X930/2X932/2X934/2X936/2X938/2X940/2X942/2X944/2X946/2X948/2X950/2X952/2X954/2X956/2X958/2X960/2X962/2X964/2X966/2X968/2X970/2X972/2X974/2X976/2X978/2X980/2X982/2X984/2X986/2X988/2X990/2X992/2X994/2X996/2X998/2X1000/2X1002/2X1004/2X1006/2X1008/2X1010/2X1012/2X1014/2X1016/2X1018/2X1020/2X1022/2X1024/2X1026/2X1028/2X1030/2X1032/2X1034/2X1036/2X1038/2X1040/2X1042/2X1044/2X1046/2X1048/2X1050/2X1052/2X1054/2X1056/2X1058/2X1060/2X1062/2X1064/2X1066/2X1068/2X1070/2X1072/2X1074/2X1076/2X1078/2X1080/2X1082/2X1084/2X1086/2X1088/2X1090/2X1092/2X1094/2X1096/2X1098/2X1100/2X1102/2X1104/2X1106/2X1108/2X1110/2X1112/2X1114/2X1116/2X1118/2X1120/2X1122/2X1124/2X1126/2X1128/2X1130/2X1132/2X1134/2X1136/2X1138/2X1140/2X1142/2X1144/2X1146/2X1148/2X1150/2X1152/2X1154/2X1156/2X1158/2X1160/2X1162/2X1164/2X1166/2X1168/2X1170/2X1172/2X1174/2X1176/2X1178/2X1180/2X1182/2X1184/2X1186/2X1188/2X1190/2X1192/2X1194/2X1196/2X1198/2X1200/2X1202/2X1204/2X1206/2X1208/2X1210/2X1212/2X1214/2X1216/2X1218/2X1220/2X1222/2X1224/2X1226/2X1228/2X1230/2X1232/2X1234/2X1236/2X1238/2X1240/2X1242/2X1244/2X1246/2X1248/2X1250/2X1252/2X1254/2X1256/2X1258/2X1260/2X1262/2X1264/2X1266/2X1268/2X1270/2X1272/2X1274/2X1276/2X1278/2X1280/2X1282/2X1284/2X1286/2X1288/2X1290/2X1292/2X1294/2X1296/2X1298/2X1300/2X1302/2X1304/2X1306/2X1308/2X1310/2X1312/2X1314/2X1316/2X1318/2X1320/2X1322/2X1324/2X1326/2X1328/2X1330/2X1332/2X1334/2X1336/2X1338/2X1340/2X1342/2X1344/2X1346/2X1348/2X1350/2X1352/2X1354/2X1356/2X1358/2X1360/2X1362/2X1364/2X1366/2X1368/2X1370/2X1372/2X1374/2X1376/2X1378/2X1380/2X1382/2X1384/2X1386/2X1388/2X1390/2X1392/2X1394/2X1396/2X1398/2X1400/2X1402/2X1404/2X1406/2X1408/2X1410/2X1412/2X1414/2X1416/2X1418/2X1420/2X1422/2X1424/2X1426/2X1428/2X1430/2X1432/2X1434/2X1436/2X1438/2X1440/2X1442/2X1444/2X1446/2X1448/2X1450/2X1452/2X1454/2X1456/2X1458/2X1460/2X1462/2X1464/2X1466/2X1468/2X1470/2X1472/2X1474/2X1476/2X1478/2X1480/2X1482/2X1484/2X1486/2X1488/2X1490/2X1492/2X1494/2X1496/2X1498/2X1500/2X1502/2X1504/2X1506/2X1508/2X1510/2X1512/2X1514/2X1516/2X1518/2X1520/2X1522/2X1524/2X1526/2X1528/2X1530/2X1532/2X1534/2X1536/2X1538/2X1540/2X1542/2X1544/2X1546/2X1548/2X1550/2X1552/2X1554/2X1556/2X1558/2X1560/2X1562/2X1564/2X1566/2X1568/2X1570/2X1572/2X1574/2X1576/2X1578/2X1580/2X1582/2X1584/2X1586/2X158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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 GCPI(+/-)=0.55

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.



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.

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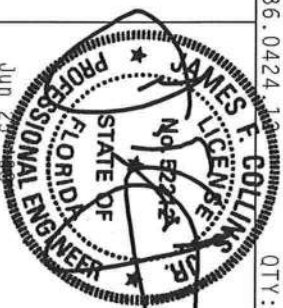
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FOR MORE INFORMATION, CONTACT THE NATIONAL ASSOCIATION OF MOTOR CARRIER SAFETY, 1000 N. WILSON AVENUE, SUITE 100, FORT MYERS, FLORIDA 33901. TEL: 800-678-2737. FAX: 800-678-2738. WWW.NAMCSA.COM

ALPINE

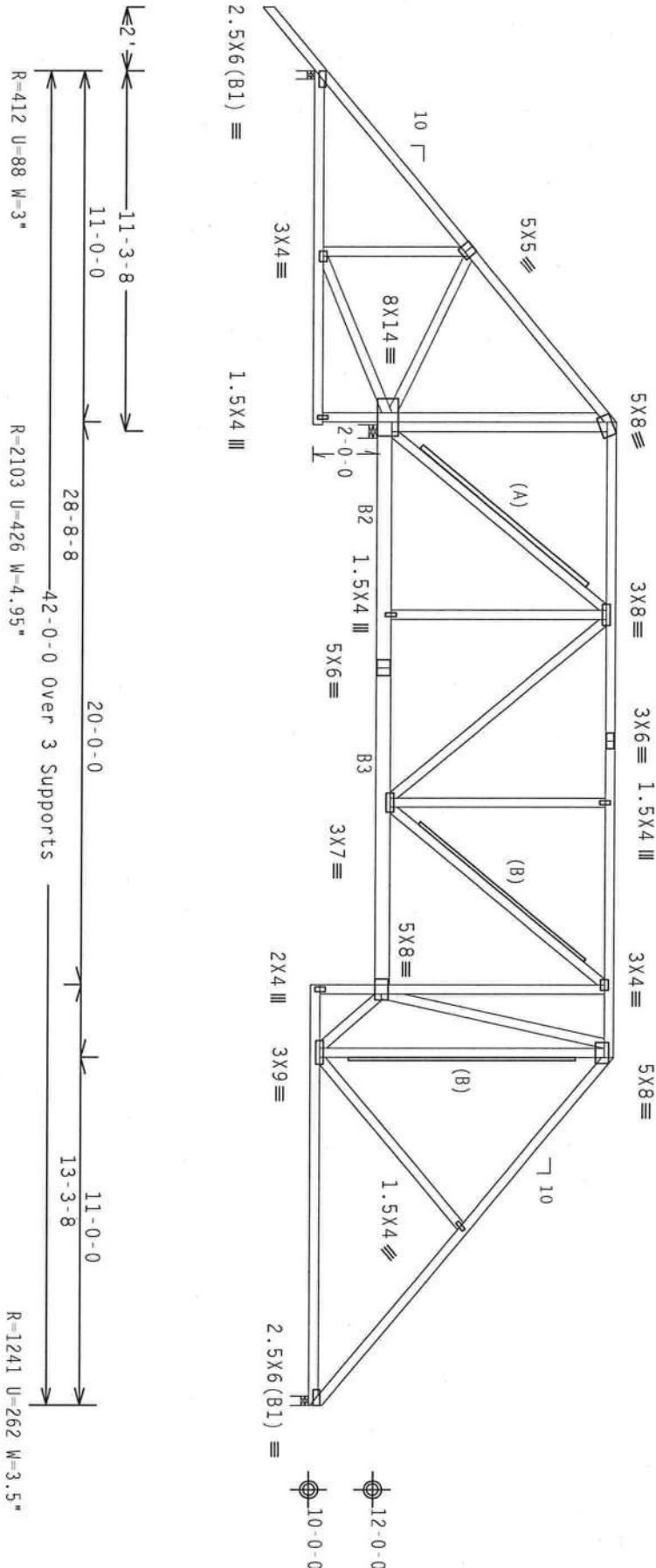
ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0778



TC LL	20.0 PSF	REF	R8228 - 65250
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177064
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	89592
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

(B) 1x4 #3 or better "I" 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.
(A) 2x6 #3 or better "I" 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.



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: THIS DESIGN IS THE PROPERTY OF THE DESIGNER. IT IS THE RESPONSIBILITY OF THE USER TO OBTAIN ALL NECESSARY PERMITS AND TO FOLLOW ALL LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS. THE DESIGNER ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM THE USE OF THIS DESIGN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR FOLLOWING ALL LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS. THE DESIGNER ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM THE USE OF THIS DESIGN.

ALPINE
Haines City, FL 33844
FL COA #0778
NTW Building Components Group Inc.
JAMES E. COLLINS
No. 5222
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUN 2002
TC LL 20.0 PSF REF R8228- 65251
TC DL 10.0 PSF DATE 06/25/08
BC DL 10.0 PSF DRW HCUR8228 08177062
BC LL 0.0 PSF HC-ENG JB/AP
TOT.LD. 40.0 PSF SEON- 89610
DUR.FAC. 1.25 FROM AH
SPACING 24.0" JREF- 1T10828Z05

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

Roof overhang supports 2.00 psf soffit load.

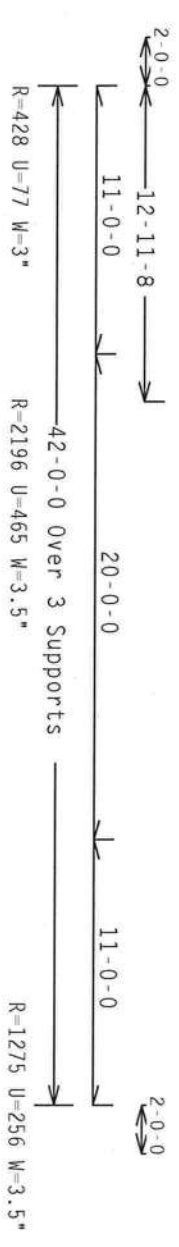
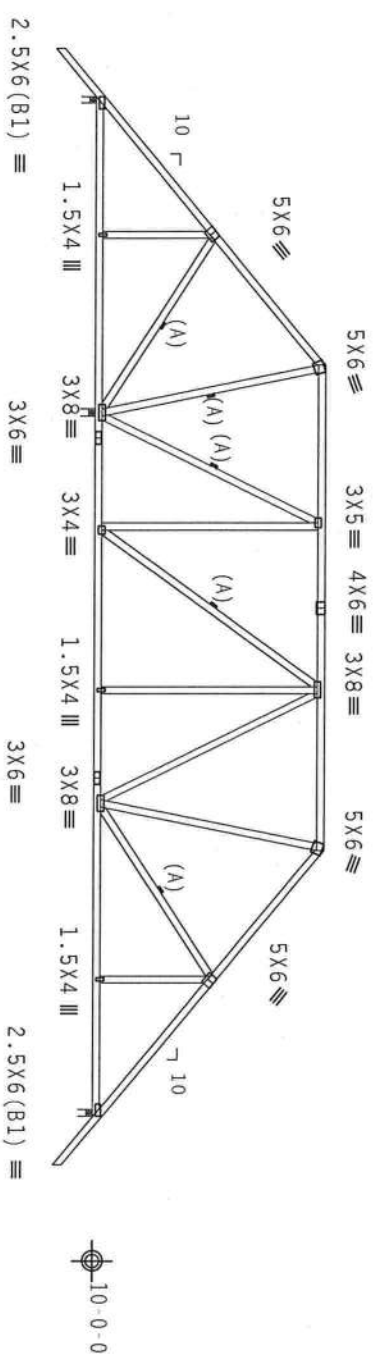
(A) Continuous lateral bracing equally spaced on member.

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. lw=1.00 gcpl(+/-)=0.55

Wind reactions based on MMFRS pressures.

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

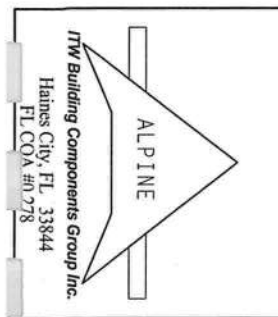


PLT TYP. Wave

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

7.36.0424 10 QTY: 3 FL/-/4/-/R/-

Scale = .125"/ft.

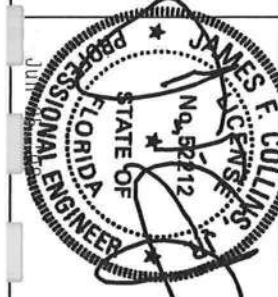


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 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 COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&J AND TPI). TPI BCG CONNECTS PLATES ARE MADE OF 20/10/10GA (U.H/S/S) WITH 4653 GRADE 40/60 (U, R/H/S) GALV. STEEL. APPLY PROTECTIVE PAINT TO ALL EXPOSED SURFACES OF TRUSS DESIGN. POSITION PER DRAWINGS T604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED 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.

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- 65252
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177078
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89621
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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

Wind reactions based on MWFRS pressures.

(C) 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.

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.



2-0-0

Scale = .125"/Ft.

REF	R8228 - 65253
DATE	06/25/08

HC-ENG JB/AP

JREF - 1T108228Z05

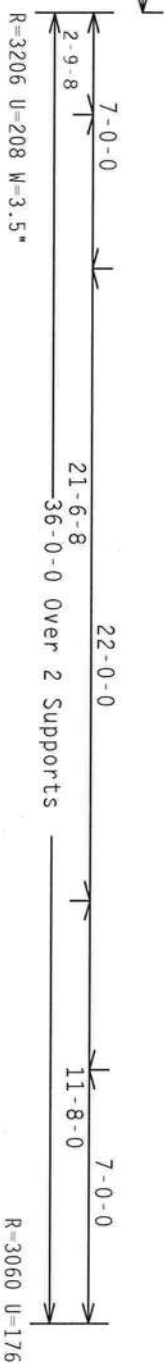
2 COMPLETE TRUSSES REQUIRED

Top chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.

11/23/2005 11:53 AM

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.



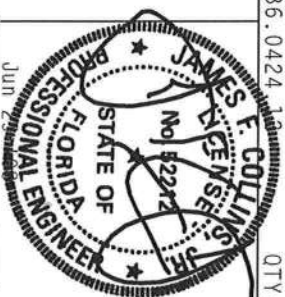
Scale = .1875" / Ft.

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



ALPINE

Haines City, FL 33844
FL COA #0 278



TC LL	20.0 PSF	REF	R8228 - 65254
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177025
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	89092
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

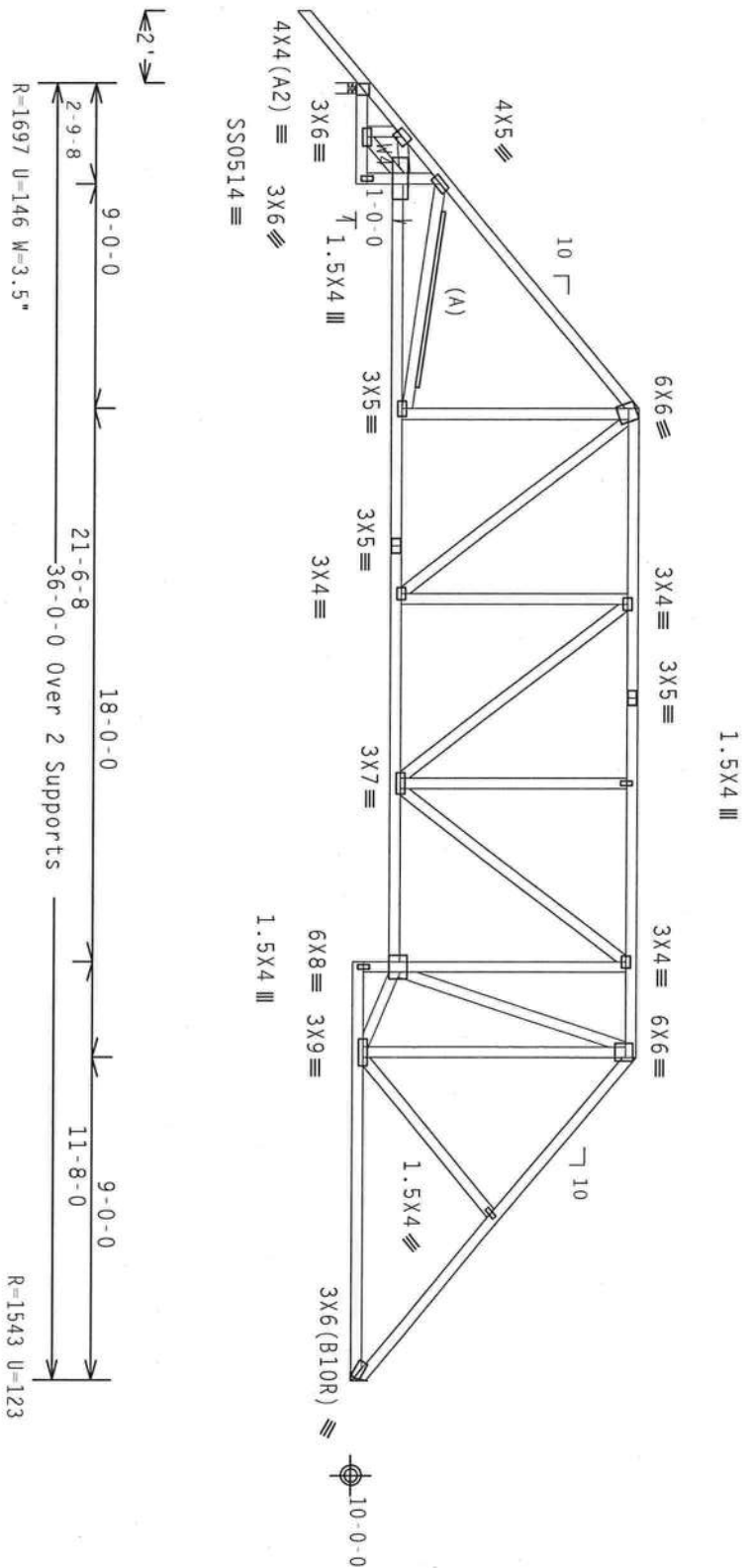
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpl (+/-)=0.18

Wind reactions based on MMFRS pressures.

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



PLT TYP. 18 Gauge HS,Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0.00

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

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO DECS1 (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS) COMMITTEE 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- 65255
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177032
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89079
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1T108228205

ALPINE
Haines City, FL 33844
FL COA #0078

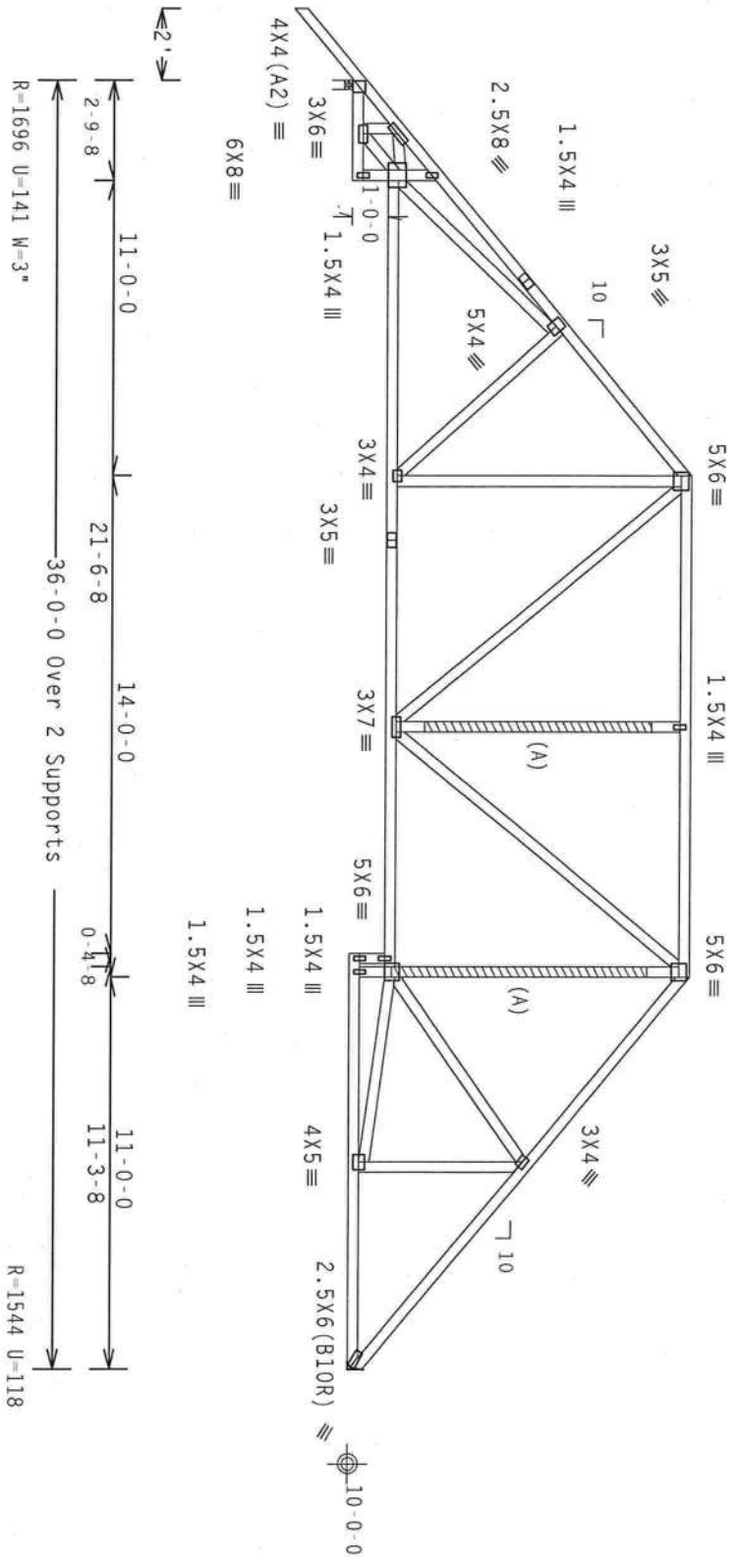
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3".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 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1(+/-)=0.18
Wind reactions based on MMFRS pressures.
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

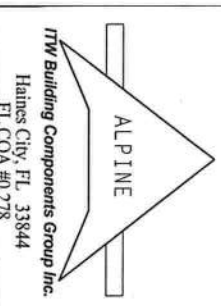
FL/-/4/-/R/-

Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 238 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 FOR GOOD 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 THE TRUSS IN CONFORMANCE WITH THE TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPONETS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AIA/PAI AND TPI. THE BCG DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, AND Erection PER DRAWINGS FOR THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE THE ANNER AS OF THE DESIGN, Erection PER DRAWINGS FOR THE TRUSS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



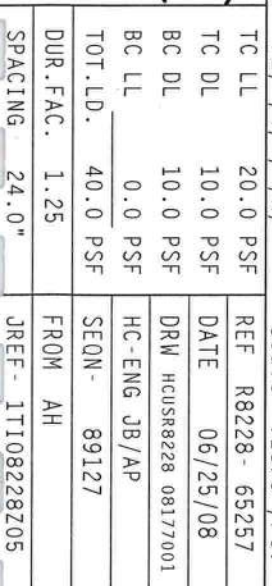
TC LL	20.0 PSF	REF	R8228- 65256
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177023
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89112
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

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

Wind reactions based on MMFRS pressures.

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

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



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

Wind reactions based on MWFRS pressures.

(A) 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.

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.

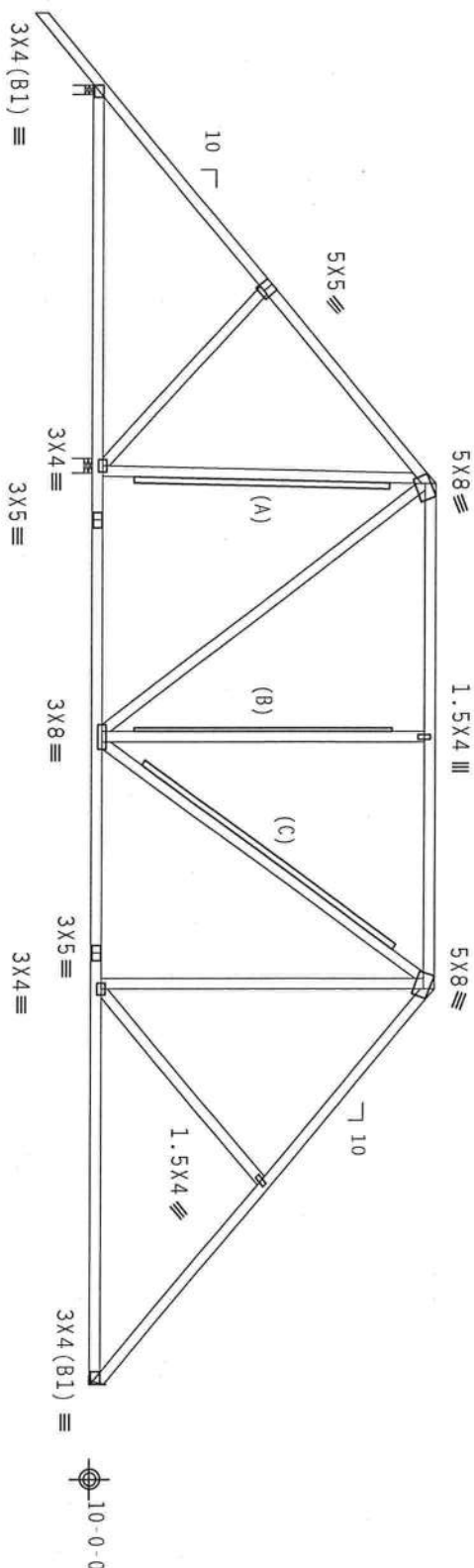


Diagram of a 3-span continuous beam with dimensions and support locations:

- Span 1: 10'-6" (from left end to first support)
- Span 2: 11'-0" (from first support to second support)
- Span 3: 14'-0" (from second support to third support)
- Span 4: 11'-0" (from third support to right end)
- Overhang: 36'-0" (from left end to right end)
- Supports: 3 Supports (indicated by upward arrows)
- Dimensions: R=624 U=123 W=3" (at left end), R=1509 U=308 W=4.95" (at second support), R=1106 U=228 (at right end)

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

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

7.36.0424-12 COLI QTY:1

QTY: 1

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

Scale = .1875" / Ft.

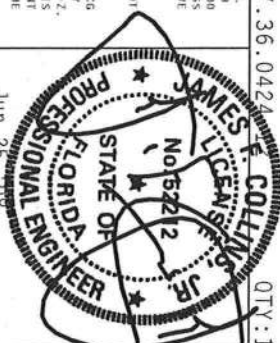
WARNING: THESE BUILDING COMPONENTS, INCLUDING TRUSS, GIRD, TRUSS PLATE, BRACING, AND JOIST, ARE NOT TO BE USED IN ANY OTHER APPLICATION. REFER TO GC-51 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE IRONSTEEL INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WELLS (WOOD TRUSS COUNCIL) OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES AND TIPS TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE PROPERLY ATTACHED FIELD CELLING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278



Jun 25 08

TC LL	20.0 PSF	REF	R8228 - 65258
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177033
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89145
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228205

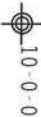
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI (+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) 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.

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



R=1069 U=231

Scale = .1875"/Ft.

HAVE

H

THE



1 K01	All
1RFL	1T1000000707

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)

Nailing Schedule: (12d Common, 0.148"x3.25", min.)_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.
 Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
 In addition apply (1) 1/2" bolt at each bottom chord joint location.
 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi(+/-)-0.18
 Wind reactions based on MMFRS pressures.

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.

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



Scale = .125" / Ft.

ST. COLLINS
LIBRARY
JAN 12 1963

10

STATE OF ...

MEET



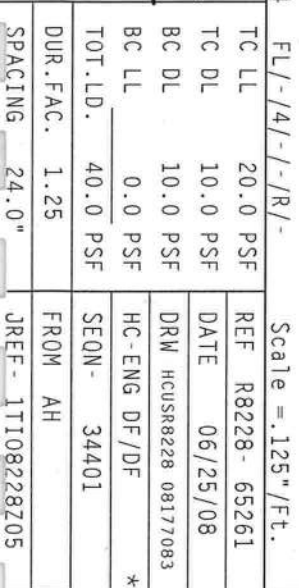
Page 7

Page 7

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



DESIGN CONDITIONS FOR MODERN APPLICATIONS OF MODERN DESIGN SPEC. (BY AREA) AND THE
CONCRETE PLATES ARE MADE OF 20/21/16 (4.0/5.5/5) ASTM A663 GRADE 40/60 (4.0/5.5) GALV. STEEL. APPLY
PLATES TO EACH FACE OF THUS AND, ONCE OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1606-2
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA AS OF 1/11-2002 SEC. 3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELY FOR THE THUS COMPONENTS
DESIGN SIGN. THE SOLIDITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/VTI 1 SEC. 2.



Top chord 2x4 SP #2 Dense :12, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

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

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

Roof overhang supports 2.00 psf soffit load.

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

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

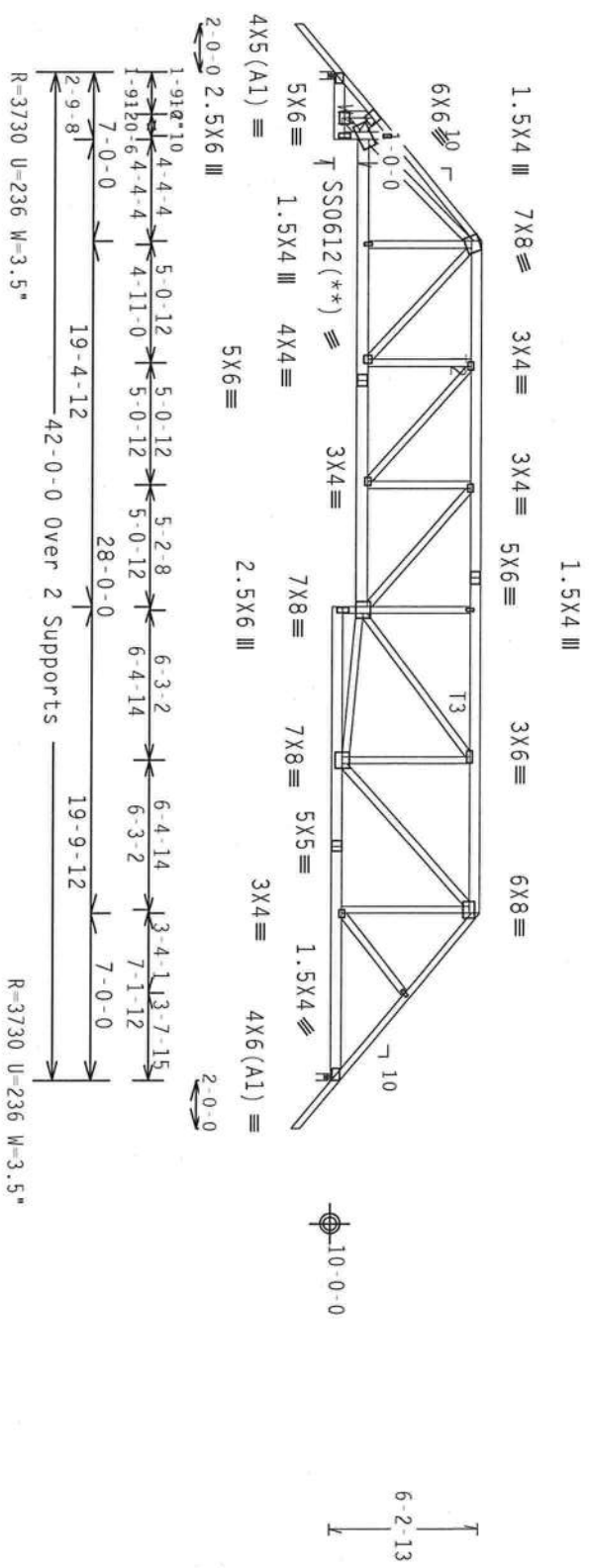
2 COMPLETE TRUSSES REQUIRED

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.

Wind reactions based on MMFRS pressures.

Calculated horizontal deflection is 0.10" due to live load and 0.18" due to dead load.

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



PLT TYP. 18 Gauge HS.Wave

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

7.36.0424

QTY:1

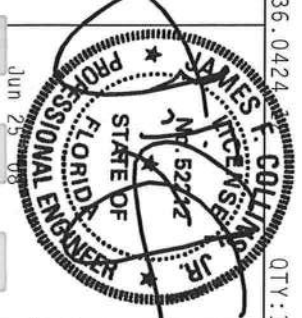
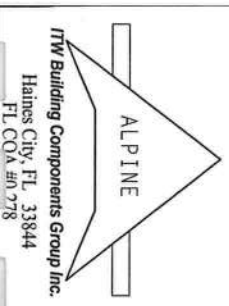
FL/-/4/-/-/R/-

Scale = .125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 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 THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AREA) AND TPI. THE BCG CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. A SEAL ON THIS DRAWING INDICATES THE 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- 65262
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCSR8228 08177034
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	34482
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T108228205

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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 Gcpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

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

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



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

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

7.36.0424 QTY:1

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

Scale = .125"/Ft.

WARNING: THESE BUILDING COMPONENTS ARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING, AND BRACING. REFER TO AISC (STEEL BUILDING COMPONENTS INFORMATION) - PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AISC TO GOOD TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MADISON, WI 53719 FOR PROPER TRUSS PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNDESIGNED INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** BRUSH 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 TITLE OF FABRICATING, MANUFACTURING, SHIPPING, INSTALLING BRACING OF TRUSSES.

DESIGN CONDITIONS AND APPLICABLE REQUIREMENTS OF NON-ALTERNATIVE DESIGN SPEC. (BY AIA/AI) AND TPI. THE REQUIRED PLATE THICKNESS SHALL BE DETERMINED BY THE FOLLOWING EQUATION: $t_p = \sqrt{\frac{1.4 \times 10^{-4} \times P \times L \times (1 + 0.0001 \times L)}{F_y}}$ WHERE: t_p = PLATE THICKNESS IN INCHES; P = PLATE LOAD IN KIPS; L = PLATE LENGTH IN FEET; F_y = YIELD STRENGTH OF PLATE IN KSI. THE REQUIRED PLATE THICKNESS SHALL BE ROUNDED UP TO THE NEXT HIGHER 1/8 INCH. THE REQUIRED PLATE THICKNESS SHALL BE 1/8 INCH FOR PLATES TO EACH FACE OF THUS AB, UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 1606-2.3. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC. 3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TENDERS COMPONENT OF THE DESIGN SHOW. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



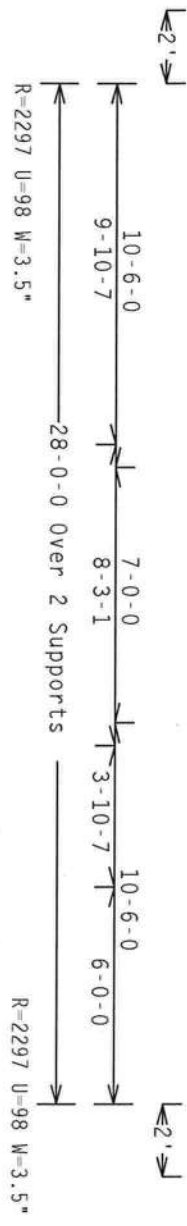
TC LL	20.0 PSF	REF	R8228- 65263
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCSR8228 08177044
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	34468
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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 MWFRS pressures.

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

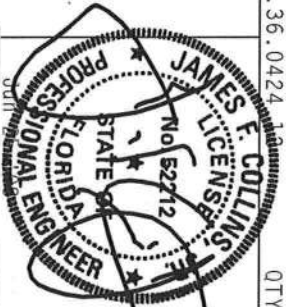
BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 7-3-8 to 20-8-8.



Scale = .1875"/Ft.

JAMES F. COLLINS
LICENSE
NO. 52712

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 65264
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177066
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	89659
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

```
Bot chord 2x6 SP #1 Dense :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
```

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 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Collar-tie braced with continuous lateral bracing at 24" OC.

Deflection meets $L/360$ live and $L/240$ total load. Creep increase factor for dead load is 1.50.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Nailling Schedule: (12d_Common-(0.148"x3.25",_min.)_naills)
Top Chord: 1 Row @12.00" o.c.

Top chord:	Row	@12.00"	0.0
Bot chord:	1 Row	@12.00"	0.0

WEDS 1 1 0.0.0.0

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

Roof overhang supports 2.00 psf soffit load.

Trusses to be spaced at 25.8" OC maximum.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 7-3-8 to 20-8-8.

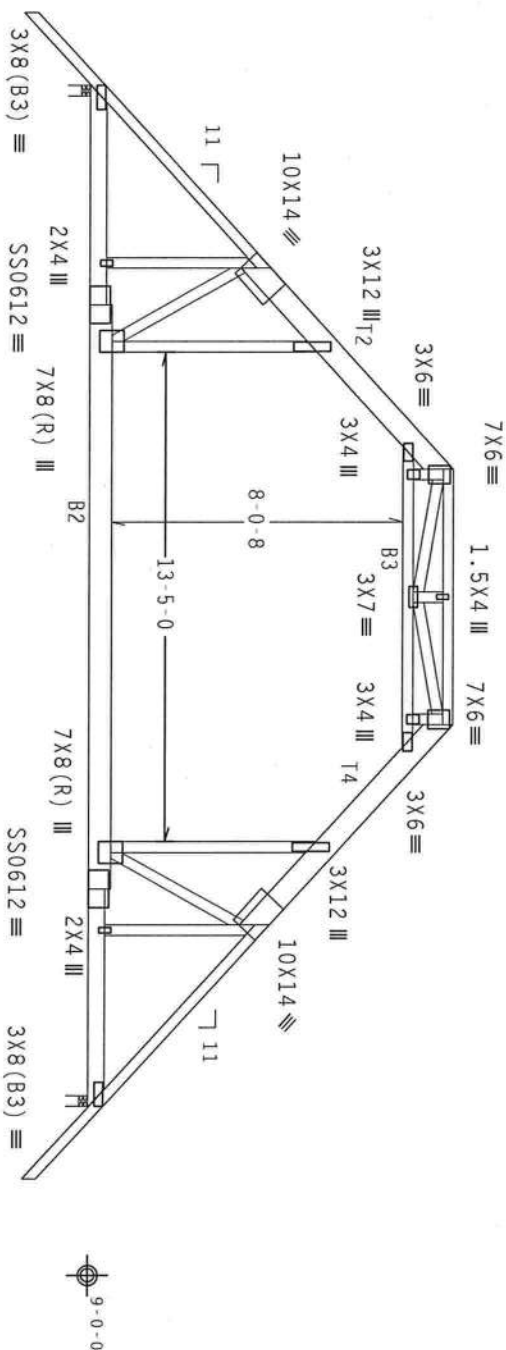


Diagram showing the elevation of a bridge deck with spans and supports. The spans are labeled as 10-6-0, 9-10-7, 7-0-0, 8-3-1, 3-10-7, 10-6-0, and 6-0-0. The total length is 28-0-0. The bridge is supported by 2 supports. The bridge is labeled R-2464 U=105 W=3.5".

PLT TYP. 18 Gauge HS, Wave

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

7.36.0424 F

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

Scale = .1875"/Ft.

WARNING - FRICKS, IN OUTLET EXTREME CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DCST1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AFCA (GOOD TRUSSING COUNCIL OF AMERICA), 6500 INTERSTATE LAKE, HANSDEN, WY (337)979 FOR SAFETY PRACTICES/PROPER TO REINFORCE THESE STRUCTURES, UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PIPES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

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

[illegible]

Professional Engineer Seal for the State of Florida, License No. 652212, signed by James Collins.

TC LL	20.0 PSF	REF	R8228- 65265
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177024
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89666
DUR.FAC.	1.25	FROM	AH
CRACKING	3E 7"	REF	1T1082820E

החלטתו של בית דין להעביר את התיק לפרקליטות הכללית, וכן ההחלטות של שירות המבחן להעביר את המעורבות של הנתבעת לטיפול של שירות המבחן, אינן כוללות פיקוח נפש על הנתבעת, ולכן אינן כוללות פיקוח נפש על הנתבעת.

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

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

(A) Continuous lateral bracing equally spaced on member.

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

BC attic room floor loading: LL = 40.00 psf, DL = 10.00 psf; from 7-3-8 to 20-8-8.

$$\begin{array}{rcl} 3 \times 4 & \equiv & 7 \times 6 \equiv \\ 2.5 \times 6 & \equiv & 2.5 \times 6 \equiv \\ 2.5 \times 6 & \equiv & 2 \times 4 \equiv \end{array}$$

3X7 ≡ T5

10-0-8



Design Crit: TPI-2002(STD)/FBC

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

7.36.00.042

QTY:1

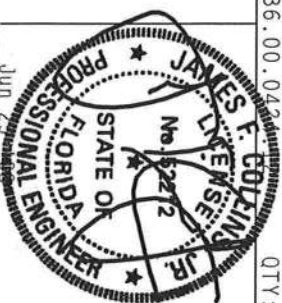
FL/-/4/-/-/R/-/

Scale = .1875"/Ft.

WARNING—TRUSSES BEARING EXTREME LOADS IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO AC308 (BUILDING COMPONENT SAFETY IN OPERATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WICK GOOD TRUSS COMPANY OF AMERICA, 65000 GREENWICH ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES AND TO PREVENT THESE FAILURES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED BRIDG CELLING.



Haines City, FL 33844
FL CO #0078

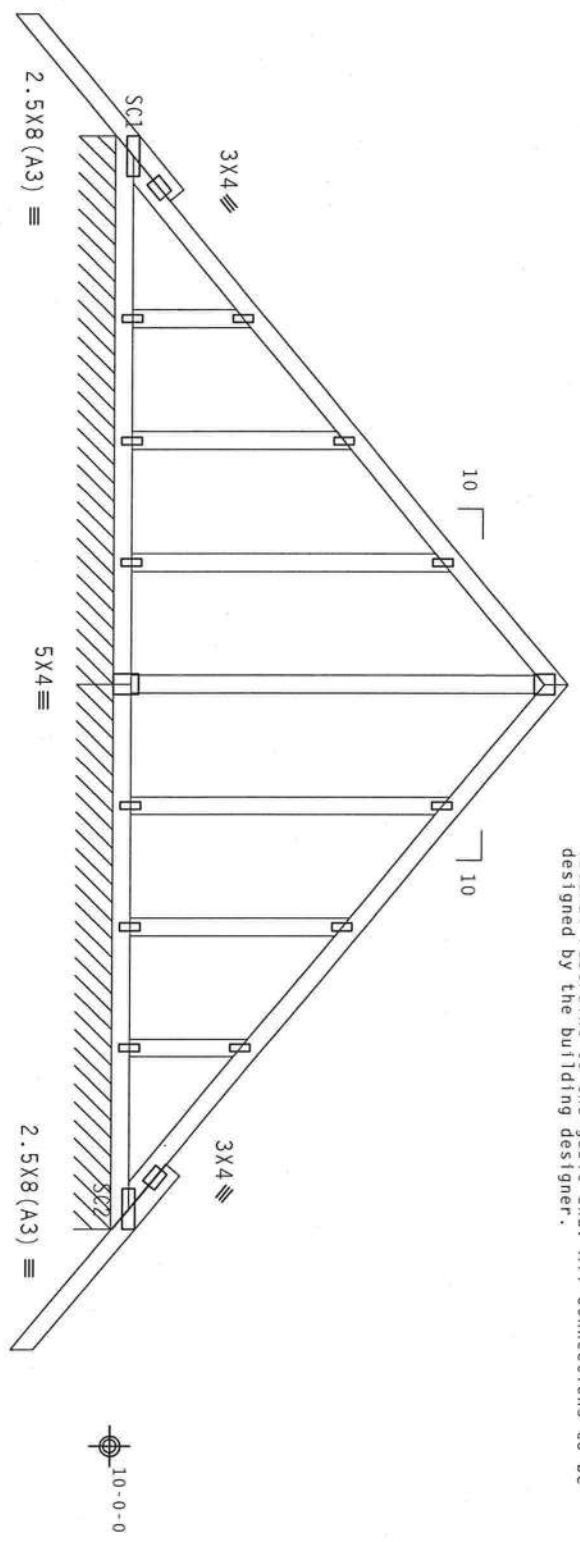


TC LL	20.0 PSF	REF	R8228- 65266
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177068
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	51534
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T108228205

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Weds 2x4 SP #3
Stack Chord SCI 2x4 SP #2 Dense:
Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.
See DMGS A11015EE0207 & GBLLETIN0207 for more requirements.

Stacked top chord must NOT be notched or cut in area (NML).
Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface. Plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.



18-0-0 over 2 Supports
R-234 PLF U=7 PLF W-9-0-0
R-190 PLF U=26 PLF W-9-0-0

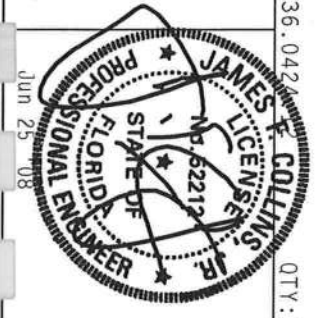
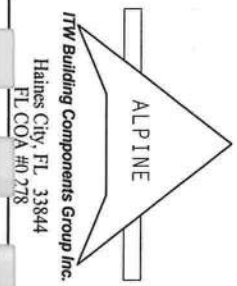
Note: All Plates Are 1.5X4 Except As Shown.

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 AND BRACING. REFER TO RCSI (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, 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. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. REFER TO RCSI (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, 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.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC.3. A SEAL ON THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



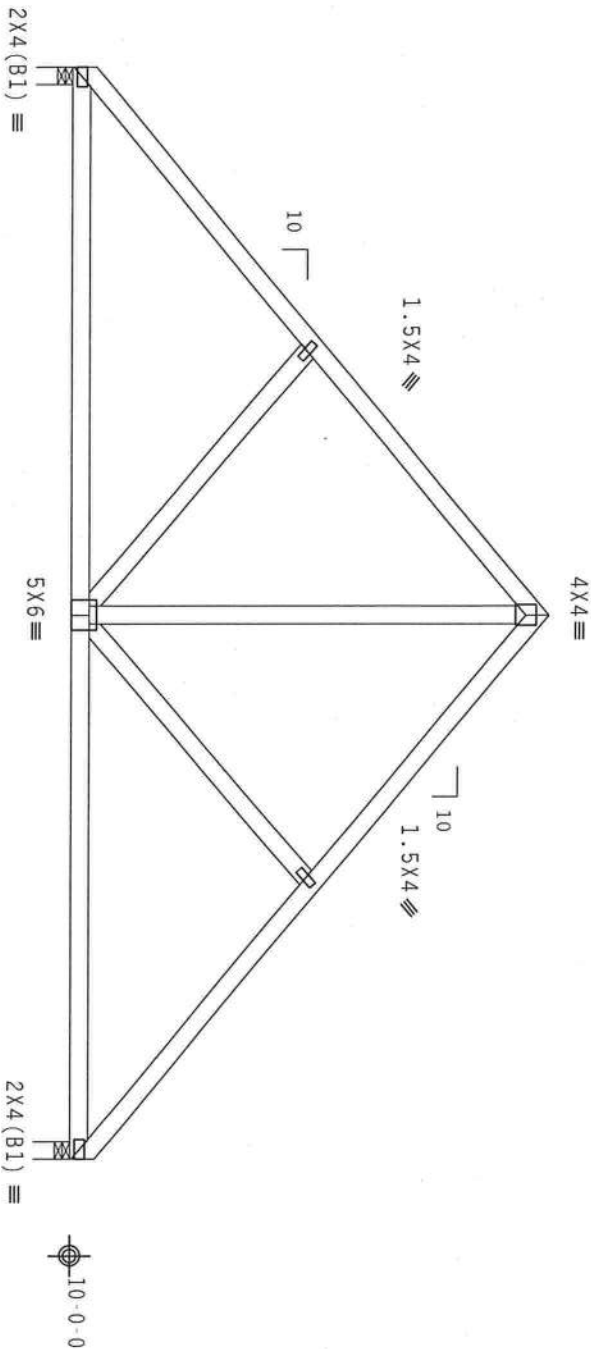
QTY: 1	FL/-/4/-/-/R/-	Scale = .3125"/ft.
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TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCURS8228 08177005
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEON- 88918
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	UREF- 1T108228205

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

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

Wind reactions based on MMFRS pressures.



9-0-0 18-0-0 Over 2 Supports 9-0-0
R=774 U=47 W=3.5" R=774 U=47 W=3.5"

PLT TYP. Wave

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

7.36.0424

QTY: 1

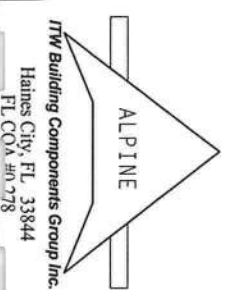
FL/-/4/-/-/R/-

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (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 WCA (WOOD TRUSS COUNCIL OF AMERICA), UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF WCA (WOOD TRUSS COUNCIL OF AMERICA), UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002, SEC. 3.1 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- 65268
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 08177006
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEQN- 88912
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228Z05

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 9.00
TC - From 66 PLF at 9.00 to 66 PLF at 18.00
BC - From 20 PLF at 0.00 to 20 PLF at 18.00
BC - 1743 LB Conc. Load at 1.52, 3.52, 5.52, 7.52, 9.52
11.52, 13.52
BC - 1734 LB Conc. Load at 15.52
BC - 3915 LB Conc. Load at 17.46

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

Cluster (0.148"x3.25" Gun nails) in face opposite hanger of (3) ply truss as shown by nail circles.

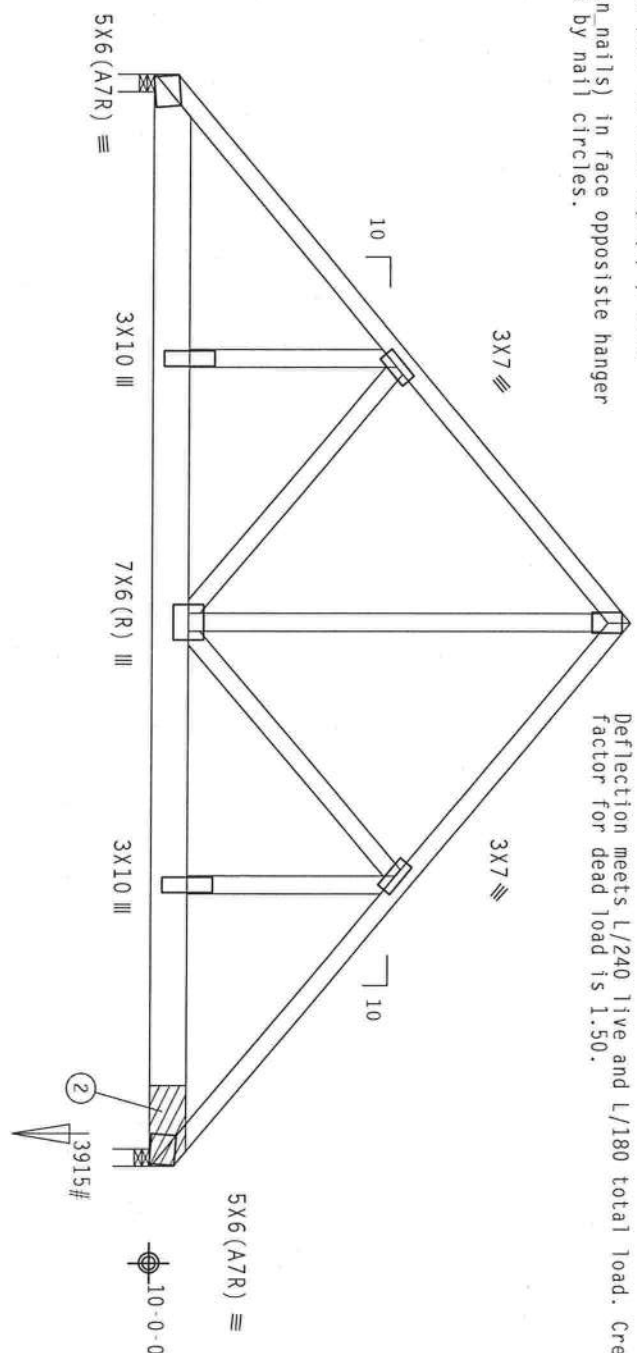
3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 17.708" 1 16" Rigid Surface
Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK0207 for additional information.

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.



9'-0'-0
18'-0'-0 Over 2 Supports
9'-0'-0
R-8209 U-615 W=3.5"
R-11187 U-594 W=3.5"

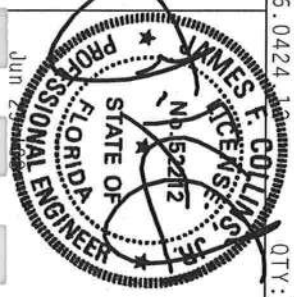
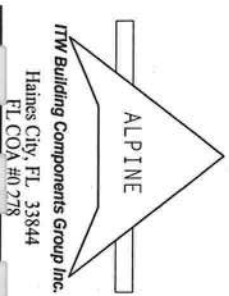
PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

7.36.0424 10 QTY:1 FL/-/4/-/-/R/-

Scale = .3125"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRAGING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI, 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND DRAGING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 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.

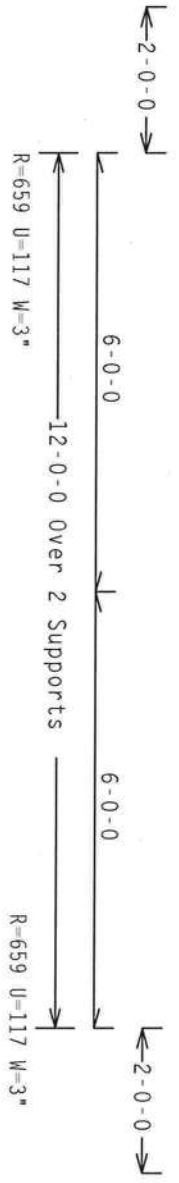
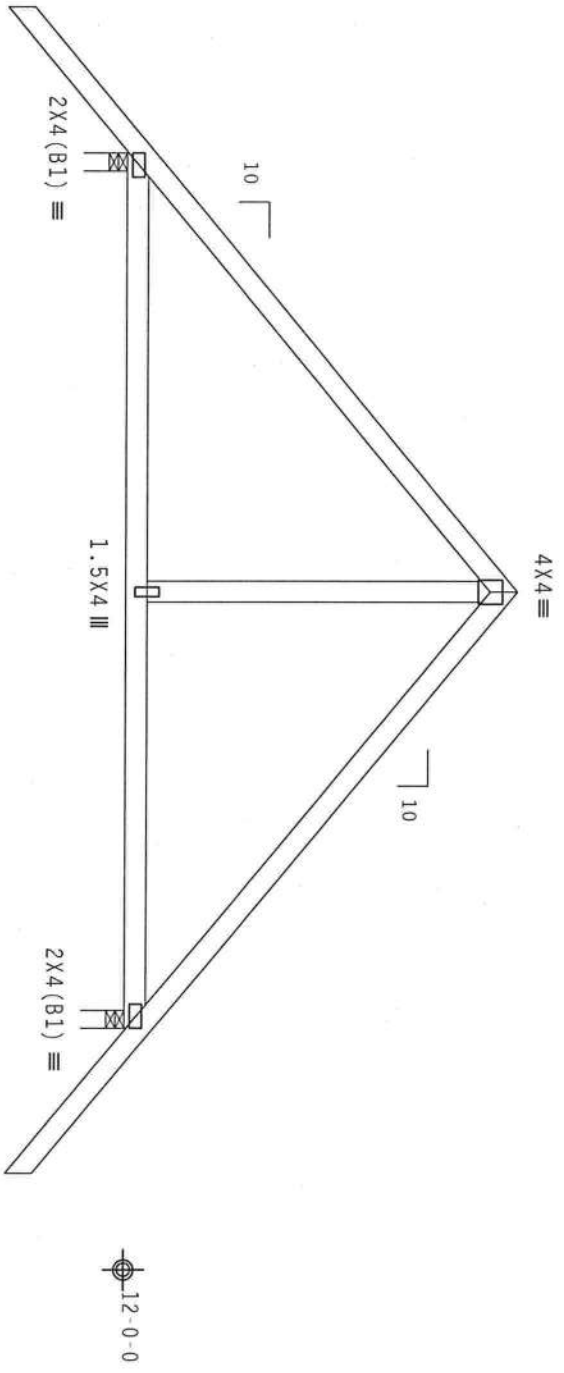


TC LL	20.0 PSF	REF	R8228 - 65269
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177008
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEON-	89383
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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.



PLT TYP. Wave

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

7.36.0424

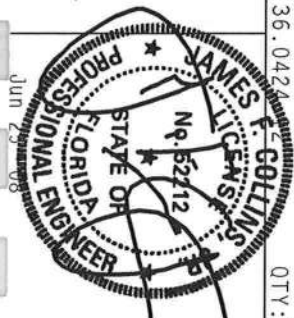
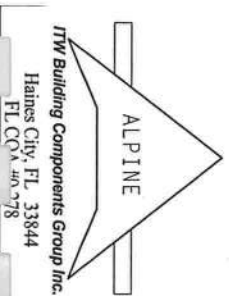
QTY:5

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

Scale = .375"/ft.

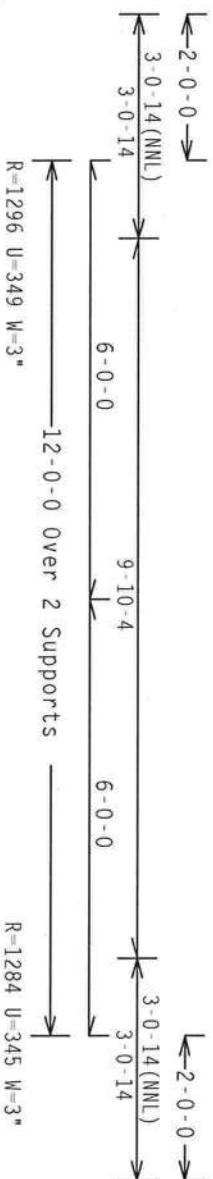
****WARNING**** TRUSSES ROUTINE EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATOR'S APPLICATIONS, HANDLING, SHIPPING, INSTALLING AND BRACING. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCG (BASIC DESIGN SPEC. BY ALPINE) AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCG (BASIC DESIGN SPEC. BY ALPINE) AND TPI. BCG PLATES TO EACH FACE OF TRUSS AND TRUSS CHORDS SHALL BE PROPERLY ATTACHED TO EACH FACE OF TRUSS AND TRUSS CHORDS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002, SECTION FOR DESIGN, 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.



TC LL	20.0 PSF	REF	R8228 - 65270
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177017
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	88896
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

The building designer is responsible for the roof and ceiling diaphragms, gable end shear supporting shear walls. Shear walls must provide lateral restraint to the gable end. All components designed by the building designer.



Scale = .375"/Ft.

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF MOST NATIONAL DESIGN SPEC. (e.g. AISC/AIAA) AND THE BUILDING CODES. THE BUILDING CODES ARE THE MOST COMMONLY USED. THE BUILDING CODES ARE THE MOST COMMONLY USED. THE BUILDING CODES ARE THE MOST COMMONLY USED.



TC LL	20.0 PSF	REF	R8228- 65271
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUS88228 08177016
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88902
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)

Bot Chord: 2 Rows @ 5.50" o.c.

Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)

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

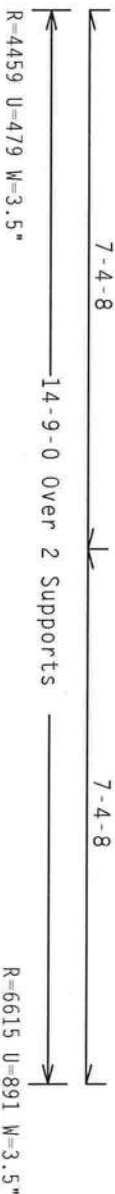
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge. CAT II, EXP B, wind TC

DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

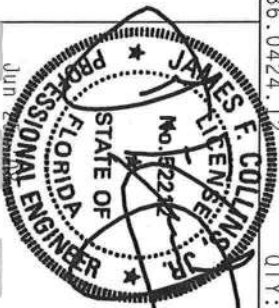
Deflection meets $L/240$ live and $L/180$ to



Scale = .375" / Ft

WARNING: FIRE RESISTANT EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BROCKING REFER TO GC-1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE (TRESS PLANT INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICK (GOOD THRESHOLD COUNCIL OF AMERICA, 65000 ENTERPRISE LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

Haines City, FL 33844
FL COA #0 278

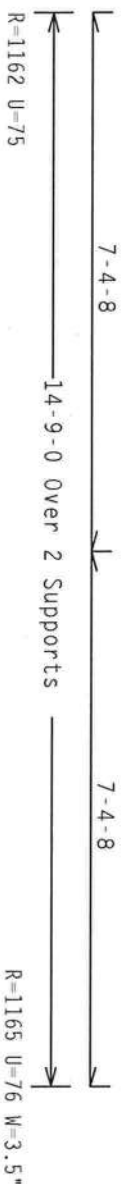


FL/4/-/-R-		Scale = .375"/Ft.
TC LL	20.0 PSF	REF R8228 - 65272
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177047
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89167
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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

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



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 = .375"/Ft.

WARNING: THESE RIGID FIBER CEMENT SHEET FABRICATION, HANDLING, UNLOADING, UNWRAPPING, INSTALLING AND REPAIRING OPERATIONS INVOLVE THE USE OF TOOLS AND EQUIPMENT. THE FOLLOWING INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICK, 6000 TRUSS COUNCIL OF AMERICA, 6300 W. ENTERPRISE LANE, MOUNDSVILLE, WV, 26041, FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROSS IN CONFORMANCE WITH T71; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF MD5 (NATIONAL DESIGN SPEC., BY AIA/AS) AND TPI. CONDUCTOR PLATES ARE MADE OF 20/18/1664 (W.U./SS/K) ASTM A653 GRADE 40/60 (W, K/U, SS) GALV. STEEL. APPLY TO EACH EAST OVERDRIVE AND UNDERDRIVE OVERDRIVE OR UNDERDRIVE POSITIONING AND DRIVING SCHEMES.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TP11-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS TO BE EXAMINED, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100A, PLATES TO EXAM FOR 1003 AND, 1004.

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/SP1 1 SEC. 2.



ITW Building Components Group Inc.
Haines City, FL 33844

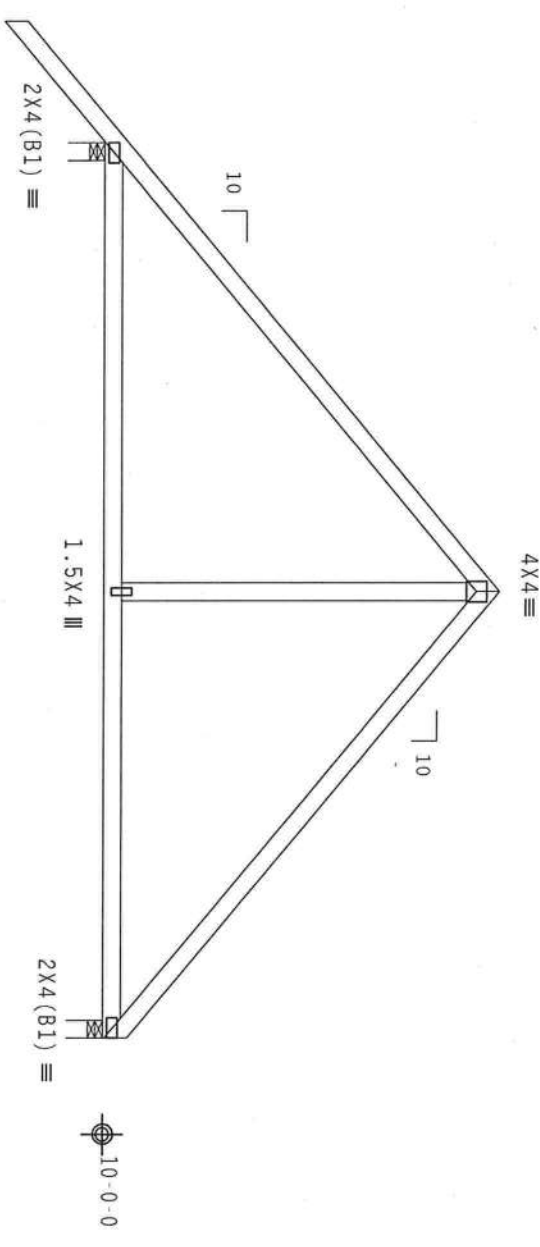


TC LL	20.0 PSF	REF	R8228 - 65273
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177028
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	89051
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

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.



≤2-0-0
7-4-8
14-9-0 Over 2 Supports
R=788 U=63 W=3.5"
7-4-8
R=623 U=35 W=3.5"

PLT TYP. Wave

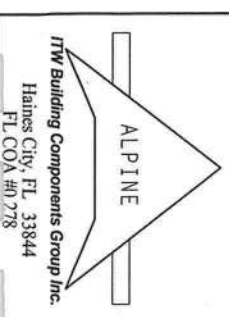
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

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

Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6100 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALKRA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/10/10GA (W/H/SS) ASH 6063 GRADE 40/80 (W, R/H/SS) GALV. STEEL. APPLY TO THE TRUSS MANUFACTURER LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A, 2, 160B, 2, 160C, 2, 160D, 2, 160E, 2, 160F, 2, 160G, 2, 160H, 2, 160I, 2, 160J, 2, 160K, 2, 160L, 2, 160M, 2, 160N, 2, 160O, 2, 160P, 2, 160Q, 2, 160R, 2, 160S, 2, 160T, 2, 160U, 2, 160V, 2, 160W, 2, 160X, 2, 160Y, 2, 160Z, 2, 160AA, 2, 160AB, 2, 160AC, 2, 160AD, 2, 160AE, 2, 160AF, 2, 160AG, 2, 160AH, 2, 160AI, 2, 160AJ, 2, 160AK, 2, 160AL, 2, 160AM, 2, 160AN, 2, 160AO, 2, 160AP, 2, 160AQ, 2, 160AR, 2, 160AS, 2, 160AT, 2, 160AU, 2, 160AV, 2, 160AW, 2, 160AX, 2, 160AY, 2, 160AZ, 2, 160BA, 2, 160BB, 2, 160BC, 2, 160BD, 2, 160BE, 2, 160BF, 2, 160BG, 2, 160BH, 2, 160BI, 2, 160BJ, 2, 160BK, 2, 160BL, 2, 160BM, 2, 160BN, 2, 160BO, 2, 160BP, 2, 160BQ, 2, 160BR, 2, 160BS, 2, 160BT, 2, 160BU, 2, 160BV, 2, 160BW, 2, 160BX, 2, 160BY, 2, 160BZ, 2, 160CA, 2, 160CB, 2, 160CC, 2, 160CD, 2, 160CE, 2, 160CF, 2, 160CG, 2, 160CH, 2, 160CI, 2, 160CJ, 2, 160CK, 2, 160CL, 2, 160CM, 2, 160CN, 2, 160CO, 2, 160CP, 2, 160CQ, 2, 160CR, 2, 160CS, 2, 160CT, 2, 160CU, 2, 160CV, 2, 160CW, 2, 160CX, 2, 160CY, 2, 160CZ, 2, 160DA, 2, 160DB, 2, 160DC, 2, 160DD, 2, 160DE, 2, 160DF, 2, 160DG, 2, 160DH, 2, 160DI, 2, 160DJ, 2, 160DK, 2, 160DL, 2, 160DM, 2, 160DN, 2, 160DO, 2, 160DP, 2, 160DQ, 2, 160DR, 2, 160DS, 2, 160DT, 2, 160DU, 2, 160DV, 2, 160DW, 2, 160DX, 2, 160DY, 2, 160DZ, 2, 160EA, 2, 160EB, 2, 160EC, 2, 160ED, 2, 160EE, 2, 160EF, 2, 160EG, 2, 160EH, 2, 160EI, 2, 160EJ, 2, 160EK, 2, 160EL, 2, 160EM, 2, 160EN, 2, 160EO, 2, 160EP, 2, 160EQ, 2, 160ER, 2, 160ES, 2, 160ET, 2, 160EU, 2, 160EV, 2, 160EW, 2, 160EX, 2, 160EY, 2, 160EZ, 2, 160FA, 2, 160FB, 2, 160FC, 2, 160FD, 2, 160FE, 2, 160FF, 2, 160FG, 2, 160FH, 2, 160FI, 2, 160FJ, 2, 160FK, 2, 160FL, 2, 160FM, 2, 160FN, 2, 160FO, 2, 160FP, 2, 160FQ, 2, 160FR, 2, 160FS, 2, 160FT, 2, 160FU, 2, 160FV, 2, 160FW, 2, 160FX, 2, 160FY, 2, 160FZ, 2, 160GA, 2, 160GB, 2, 160GC, 2, 160GD, 2, 160GE, 2, 160GF, 2, 160GG, 2, 160GH, 2, 160GI, 2, 160GJ, 2, 160GK, 2, 160GL, 2, 160GM, 2, 160GN, 2, 160GO, 2, 160GP, 2, 160GQ, 2, 160GR, 2, 160GS, 2, 160GT, 2, 160GU, 2, 160GV, 2, 160GW, 2, 160GX, 2, 160GY, 2, 160GZ, 2, 160HA, 2, 160HB, 2, 160HC, 2, 160HD, 2, 160HE, 2, 160HF, 2, 160HG, 2, 160HH, 2, 160HI, 2, 160HJ, 2, 160HK, 2, 160HL, 2, 160HM, 2, 160HN, 2, 160HO, 2, 160HP, 2, 160HQ, 2, 160HR, 2, 160HS, 2, 160HT, 2, 160HU, 2, 160HV, 2, 160HW, 2, 160HX, 2, 160HY, 2, 160HZ, 2, 160IA, 2, 160IB, 2, 160IC, 2, 160ID, 2, 160IE, 2, 160IF, 2, 160IG, 2, 160IH, 2, 160II, 2, 160IJ, 2, 160IK, 2, 160IL, 2, 160IM, 2, 160IN, 2, 160IO, 2, 160IP, 2, 160IQ, 2, 160IR, 2, 160IS, 2, 160IT, 2, 160IU, 2, 160IV, 2, 160IW, 2, 160IX, 2, 160IY, 2, 160IZ, 2, 160JA, 2, 160JB, 2, 160JC, 2, 160JD, 2, 160JE, 2, 160JF, 2, 160JG, 2, 160JH, 2, 160JI, 2, 160JJ, 2, 160JK, 2, 160JL, 2, 160JM, 2, 160JN, 2, 160JO, 2, 160JP, 2, 160JQ, 2, 160JR, 2, 160JS, 2, 160JT, 2, 160JU, 2, 160JV, 2, 160JW, 2, 160JX, 2, 160JY, 2, 160JZ, 2, 160KA, 2, 160KB, 2, 160KC, 2, 160KD, 2, 160KE, 2, 160KF, 2, 160KG, 2, 160KH, 2, 160KI, 2, 160KJ, 2, 160KK, 2, 160KL, 2, 160KM, 2, 160KN, 2, 160KO, 2, 160KP, 2, 160KQ, 2, 160KR, 2, 160KS, 2, 160KT, 2, 160KU, 2, 160KV, 2, 160KW, 2, 160KX, 2, 160KY, 2, 160KZ, 2, 160LA, 2, 160LB, 2, 160LC, 2, 160LD, 2, 160LE, 2, 160LF, 2, 160LG, 2, 160LH, 2, 160LI, 2, 160LJ, 2, 160LK, 2, 160LL, 2, 160LM, 2, 160LN, 2, 160LO, 2, 160LP, 2, 160LQ, 2, 160LR, 2, 160LS, 2, 160LT, 2, 160LU, 2, 160LV, 2, 160LW, 2, 160LX, 2, 160LY, 2, 160LZ, 2, 160MA, 2, 160MB, 2, 160MC, 2, 160MD, 2, 160ME, 2, 160MF, 2, 160MG, 2, 160MH, 2, 160MI, 2, 160MJ, 2, 160MK, 2, 160ML, 2, 160MM, 2, 160MN, 2, 160MO, 2, 160MP, 2, 160MQ, 2, 160MR, 2, 160MS, 2, 160MT, 2, 160MU, 2, 160MV, 2, 160MW, 2, 160MX, 2, 160MY, 2, 160MZ, 2, 160NA, 2, 160NB, 2, 160NC, 2, 160ND, 2, 160NE, 2, 160NF, 2, 160NG, 2, 160NH, 2, 160NI, 2, 160NJ, 2, 160NK, 2, 160NL, 2, 160NM, 2, 160NN, 2, 160NO, 2, 160NP, 2, 160NQ, 2, 160NR, 2, 160NS, 2, 160NT, 2, 160NU, 2, 160NV, 2, 160NW, 2, 160NX, 2, 160NY, 2, 160NZ, 2, 160OA, 2, 160OB, 2, 160OC, 2, 160OD, 2, 160OE, 2, 160OF, 2, 160OG, 2, 160OH, 2, 160OI, 2, 160OJ, 2, 160OK, 2, 160OL, 2, 160OM, 2, 160ON, 2, 160OO, 2, 160OP, 2, 160OQ, 2, 160OR, 2, 160OS, 2, 160OT, 2, 160OU, 2, 160OV, 2, 160OW, 2, 160OX, 2, 160OY, 2, 160OZ, 2, 160PA, 2, 160PB, 2, 160PC, 2, 160PD, 2, 160PE, 2, 160PF, 2, 160PG, 2, 160PH, 2, 160PI, 2, 160PJ, 2, 160PK, 2, 160PL, 2, 160PM, 2, 160PN, 2, 160PO, 2, 160PP, 2, 160PQ, 2, 160PR, 2, 160PS, 2, 160PT, 2, 160PU, 2, 160PV, 2, 160PW, 2, 160PX, 2, 160PY, 2, 160PZ, 2, 160QA, 2, 160QB, 2, 160QC, 2, 160QD, 2, 160QE, 2, 160QF, 2, 160QG, 2, 160QH, 2, 160QI, 2, 160QJ, 2, 160QK, 2, 160QL, 2, 160QM, 2, 160QN, 2, 160QO, 2, 160QP, 2, 160QQ, 2, 160QR, 2, 160QS, 2, 160QT, 2, 160QU, 2, 160QV, 2, 160QW, 2, 160QX, 2, 160QY, 2, 160QZ, 2, 160RA, 2, 160RB, 2, 160RC, 2, 160RD, 2, 160RE, 2, 160RF, 2, 160RG, 2, 160RH, 2, 160RI, 2, 160RJ, 2, 160RK, 2, 160RL, 2, 160RM, 2, 160RN, 2, 160RO, 2, 160RP, 2, 160RQ, 2, 160RR, 2, 160RS, 2, 160RT, 2, 160RU, 2, 160RV, 2, 160RW, 2, 160RX, 2, 160RY, 2, 160RZ, 2, 160SA, 2, 160SB, 2, 160SC, 2, 160SD, 2, 160SE, 2, 160SF, 2, 160SG, 2, 160SH, 2, 160SI, 2, 160SJ, 2, 160SK, 2, 160SL, 2, 160SM, 2, 160SN, 2, 160SO, 2, 160SP, 2, 160SQ, 2, 160SR, 2, 160SS, 2, 160ST, 2, 160SU, 2, 160SV, 2, 160SW, 2, 160SX, 2, 160SY, 2, 160SZ, 2, 160TA, 2, 160TB, 2, 160TC, 2, 160TD, 2, 160TE, 2, 160TF, 2, 160TG, 2, 160TH, 2, 160TI, 2, 160TJ, 2, 160TK, 2, 160TL, 2, 160TM, 2, 160TN, 2, 160TO, 2, 160TP, 2, 160TQ, 2, 160TR, 2, 160TS, 2, 160TT, 2, 160TU, 2, 160TV, 2, 160TW, 2, 160TX, 2, 160TY, 2, 160TZ, 2, 160UA, 2, 160UB, 2, 160UC, 2, 160UD, 2, 160UE, 2, 160UF, 2, 160UG, 2, 160UH, 2, 160UI, 2, 160UJ, 2, 160UK, 2, 160UL, 2, 160UM, 2, 160UN, 2, 160UO, 2, 160UP, 2, 160UQ, 2, 160UR, 2, 160US, 2, 160UT, 2, 160UU, 2, 160UV, 2, 160UW, 2, 160UX, 2, 160UY, 2, 160UZ, 2, 160VA, 2, 160VB, 2, 160VC, 2, 160VD, 2, 160VE, 2, 160VF, 2, 160VG, 2, 160VH, 2, 160VI, 2, 160VJ, 2, 160VK, 2, 160VL, 2, 160VM, 2, 160VN, 2, 160VO, 2, 160VP, 2, 160VQ, 2, 160VR, 2, 160VS, 2, 160VT, 2, 160VU, 2, 160VV, 2, 160VW, 2, 160VX, 2, 160VY, 2, 160VZ, 2, 160WA, 2, 160WB, 2, 160WC, 2, 160WD, 2, 160WE, 2, 160WF, 2, 160WG, 2, 160WH, 2, 160WI, 2, 160WJ, 2, 160WK, 2, 160WL, 2, 160WM, 2, 160WN, 2, 160WO, 2, 160WP, 2, 160WQ, 2, 160WR, 2, 160WS, 2, 160WT, 2, 160WU, 2, 160WV, 2, 160WW, 2, 160WX, 2, 160WY, 2, 160WZ, 2, 160XA, 2, 160XB, 2, 160XC, 2, 160XD, 2, 160XE, 2, 160XF, 2, 160XG, 2, 160XH, 2, 160XI, 2, 160XJ, 2, 160XK, 2, 160XL, 2, 160XM, 2, 160XN, 2, 160XO, 2, 160XP, 2, 160XQ, 2, 160XR, 2, 160XS, 2, 160XT, 2, 160XU, 2, 160XV, 2, 160XW, 2, 160XX, 2, 160XY, 2, 160XZ, 2, 160YA, 2, 160YB, 2, 160YC, 2, 160YD, 2, 160YE, 2, 160YF, 2, 160YG, 2, 160YH, 2, 160YI, 2, 160YJ, 2, 160YK, 2, 160YL, 2, 160YM, 2, 160YN, 2, 160YO, 2, 160YP, 2, 160YQ, 2, 160YR, 2, 160YS, 2, 160YT, 2, 160YU, 2, 160YV, 2, 160YW, 2, 160YX, 2, 160YY, 2, 160YZ, 2, 160ZA, 2, 160ZB, 2, 160ZC, 2, 160ZD, 2, 160ZE, 2, 160ZF, 2, 160ZG, 2, 160ZH, 2, 160ZI, 2, 160ZJ, 2, 160ZK, 2, 160ZL, 2, 160ZM, 2, 160ZN, 2, 160ZO, 2, 160ZP, 2, 160ZQ, 2, 160ZR, 2, 160ZS, 2, 160ZT, 2, 160ZU, 2, 160ZV, 2, 160ZW, 2, 160ZX, 2, 160ZY, 2, 160ZZ, 2



TC LL	20.0 PSF	REF R8228- 65274
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177029
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SECON- 89030
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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

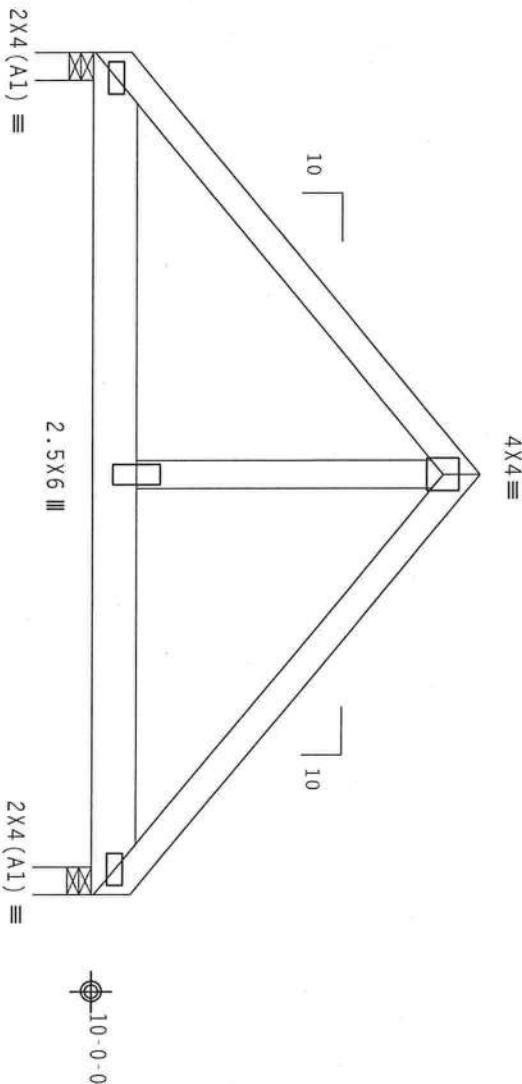
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 4.33
TC - From 66 PLF at 4.33 to 66 PLF at 8.67
BC - From 20 PLF at 0.00 to 20 PLF at 8.67
BC - 221 LB Conc. Load at 2.05, 6.62
BC - 307 LB Conc. Load at 4.02, 4.65

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

Wind reactions based on MMFRS pressures.



4-4-0 8-8-0 over 2 Supports 4-4-0
R=900 U=97 W=3.5" R=900 U=97 W=3.5"

PLT TYP. Wave

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

7.36.042

QTY: 1

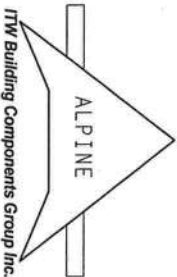
FL/-/4/-/R/-

Scale = .5"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE LANE, WAUWATON, WI 53191) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. 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, 6100 ENTERPRISE LANE, WAUWATON, WI 53191) 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.

ALPINE



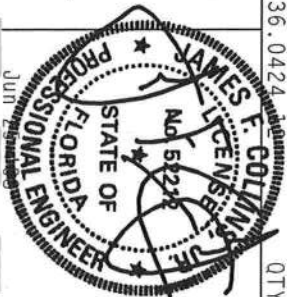
Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 65275
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177019
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	88882
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

10-0-0

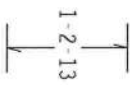
Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228 - 65276
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177018
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	88878
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228Z05

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=-29 RW=18 U=28

R=384 U=70 W=3.5"

Scale = .5"/Ft.

James P. Collins
License
No. 63214
PR

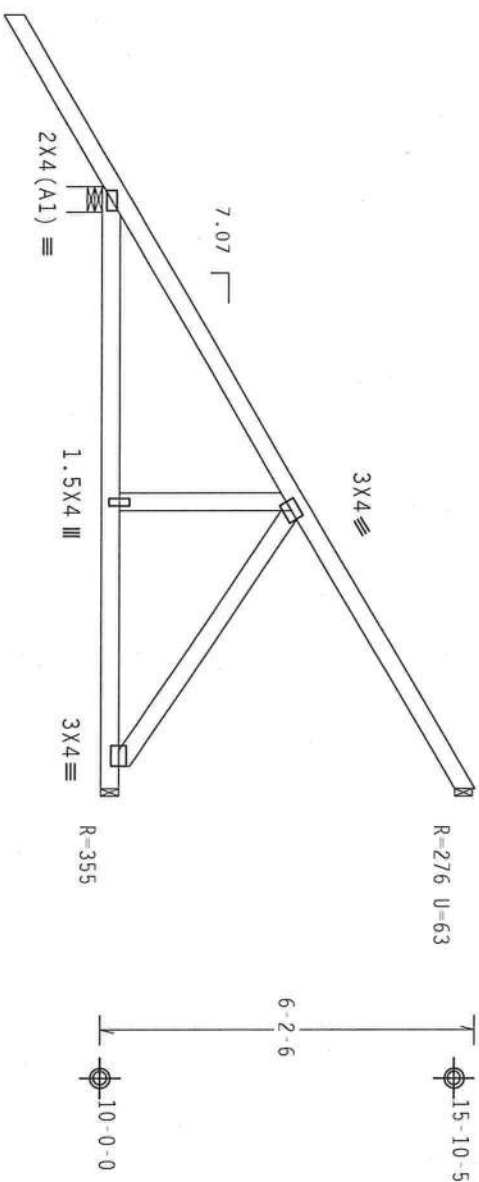
Haines City, FL 33844
FL COA #0278

TC LL	20.0 PSF	REF	R8228- 65277
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUS8228 08177014
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT. LD.	40.0 PSF	SEQN-	88815
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T10828205

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.

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



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

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

7.36.0424

QTY:5

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

Scale = .3125" / Ft.

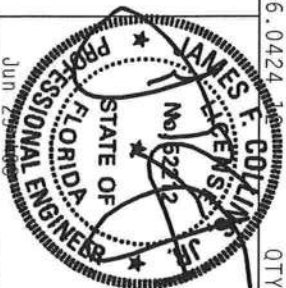
***WARNING:** THESE RECORDS CONCERN CASES IN FABRICATION, WARNING, SHIPPING, INSTALLING AND PROJECTING TO GC51 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE TRUSS PRACTICE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. INTERESTED ORGANISMS INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

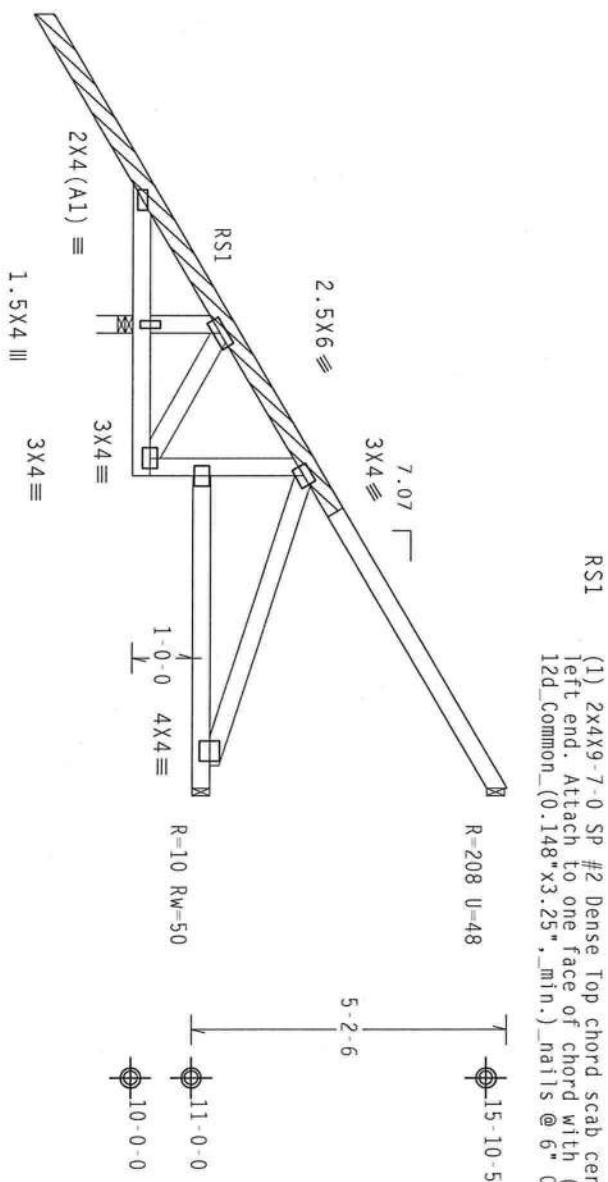
Haines City, FL 33844

FL COA #0278



TC LL	20.0 PSF	REF	R8228 - 65278
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177010
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88889
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

Hipjack supports 7-0-0 setback jacks with 1-6-0 cantilever one face; 1-6-0 cantilever opposite face.



Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 7-0-0 sub-fascia beam on the 1-6-0 cantilever side, 7-0-0 sub-fascia beam on the 1-6-0 cantilever side.

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

(1) 2x4x9 / -0 SP #2 Dense Top chord scab centered 1-3-10 from left end. Attach to one face of chord with (2) rows of 12d_Common_(0.148"x3.25",_min,)_nails @ 6" O.C., staggered 3".

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/-/1/-/R/-/

Scale = .3125" / Ft.

WARNING: THESE TRUCKS REQUIRE EXTENSIVE CHASSIS MODIFICATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING TO ACCEP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TROSS PAPER INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK 4000 TRUSS COUNCIL OF AMERICA, 65000 MIDWAY ENTERPRISE LANE, MOBILE, AL 36619 FOR SAFETY PRACTICES PRIOR TO PROGRESSING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE CHASSIS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHASSIS SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

****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, DESIGN CONFORMS WITH ACHTAR'S REQUIREMENTS OF MORE CRITICAL DESIGN THAN AN ORDINARY TRUSS.

CONNECTION PLATES ARE MADE OF 20/18/166A (H.H./SS/K) ASTM A653 GRADE 40/60 (H. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A-T

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

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

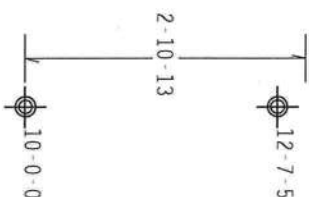
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

TC LL	20.0 PSF	REF	R8228 - 65279
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177039
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88942
DUR.FAC.	1.25	FROM	AH

THE UNIVERSITY OF CHICAGO LIBRARY

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

Wind reactions based on MWFRS pressures.

R=15 R_w=27 U=6

R=335 U=19 W=3.5"

Scale = .5" / Ft.

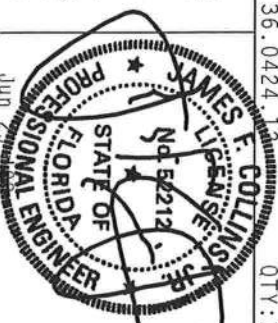
JAMES F. COLLINS
LICENSEE



ALPINE

ITW Building Components Group Inc

Haines City, FL 33844
FL COA #00778



TC LL	20.0 PSF	REF	R8228 - 65280
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177012
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88821
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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

Wind reactions based on MWFRS pressures.

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

QTY:8 FL/-/4/-/-/R/-

Scale = .375" / Ft.

James Collins
Licence
No. 62232



STATE OF ...

UNCLASSIFIED

ENGINEERING SIGNALS

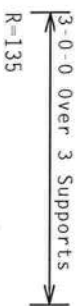
Jun 25 1988

TC LL	20.0 PSF	REF	R8228- 65281
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177011
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88826
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

THE UNIVERSITY OF CHICAGO

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 MWFRS pressures.



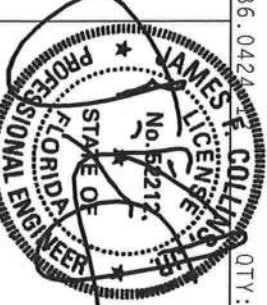
Scale = .5"/Ft.



ALPINE

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

****IMPORTANT**** URUSHI 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: ON FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSSES.

[illegible]

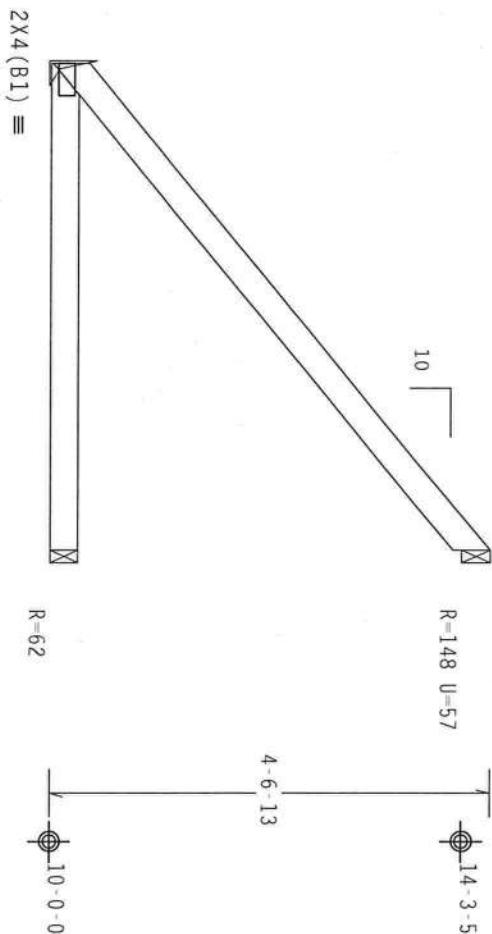
Jun 25 '08

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TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177041
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89040
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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. IW=1.00 GCPI(+/-)=0.18
Wind reactions based on MWFRS pressures.



5-0-0 Over 3 Supports
R=221

PLT TYP. Wave

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

7.36.0424

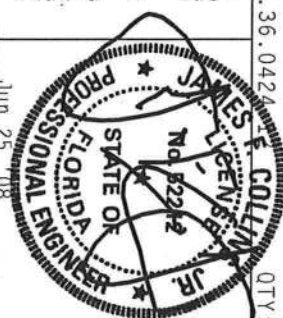
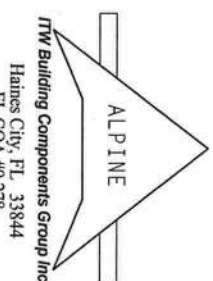
QTY: 4

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

Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 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**** 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 OF TRUSS IN COMPLIANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 805 GRADUATE DESIGN SPEC. BY ALKONA AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 805 GRADUATE DESIGN SPEC. BY ALKONA AND TPI. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEK AS OF TPI-2002 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SIGNA. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

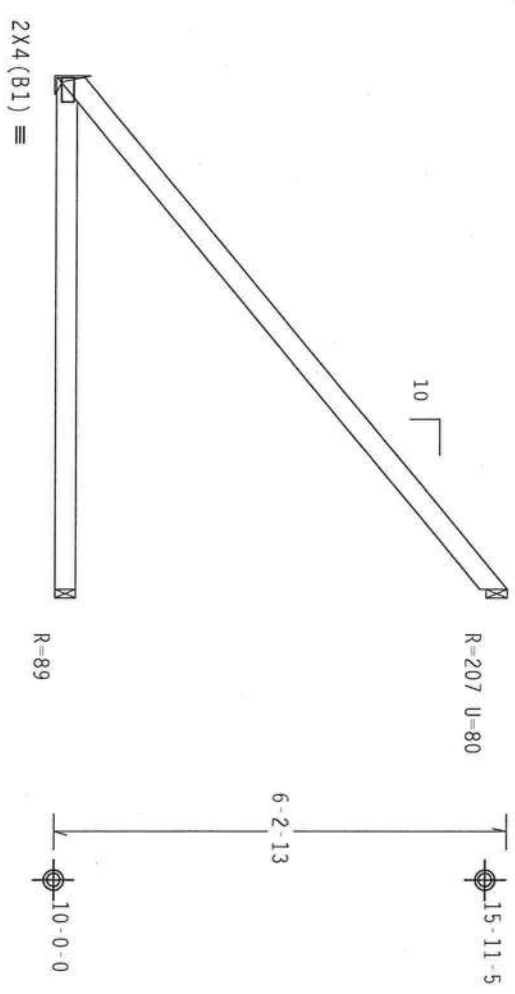


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TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 08177042
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEQN- 89046
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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. lw=1.00 Gcp1(+/-)=0.18
Wind reactions based on MMFRS pressures.



7-0-0 Over 3 Supports
R=307

PLT TYP. Wave

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

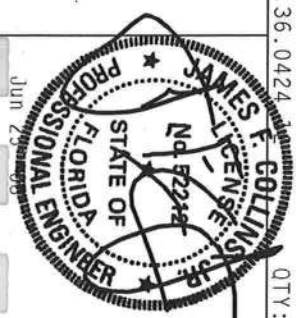
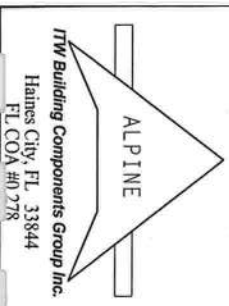
7.36.0424

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

Scale = .375"/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. 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 A BRACING OF TRUSSES. CUSTOMER COORDINATES WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. TITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3.10 FOR DESIGN SEAL ON THIS 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.



TC LL	20.0 PSF	REF	R8228 - 65284
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177046
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88843
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

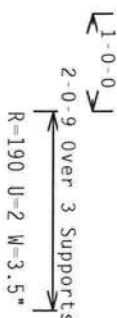
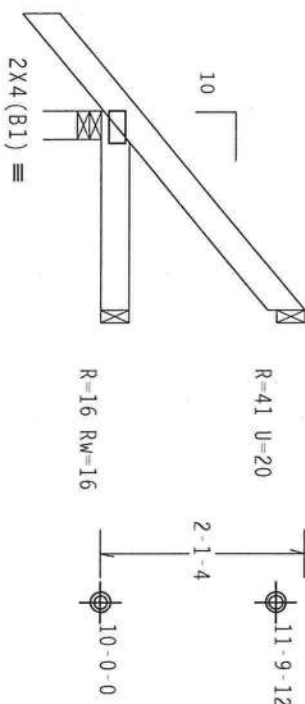
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Wind reactions based on MMFRS pressures.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.042

QTY:2

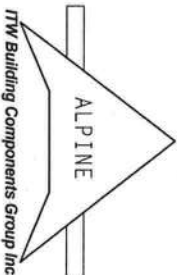
FL/-/4/-/R/-

Scale =.5"/ft.

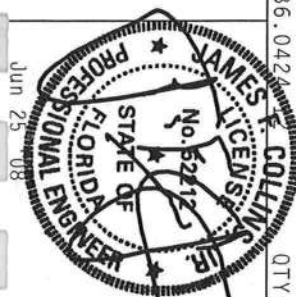
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** 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 OF TRUSSES IN COMPLIANCE WITH THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE



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

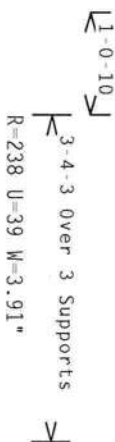


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TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177027
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 88848
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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 GCp(+/-)=0.18

Wind reactions based on MWFRS pressures.

Wind reactions based on MWFRS pressures.



Scale = .5"/Ft.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MTS NATIONAL DESIGN SPEC., (BY AFKRA) AND TPI. ITT BEARINGS. CONDUCTOR PLATES ARE MADE OF 20/18/15/6GA (H, H/5/SS) ASTM A653 GRADE 40/60 (H, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 AND 160B-2.

TC LL	20.0 PSF	REF	R8228- 65286
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCU8R8228 08177026
BC LL	0.0 PSF	HC-ENG JB/AP	*
TOT.LD.	40.0 PSF	SEQN-	88874
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

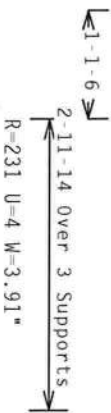
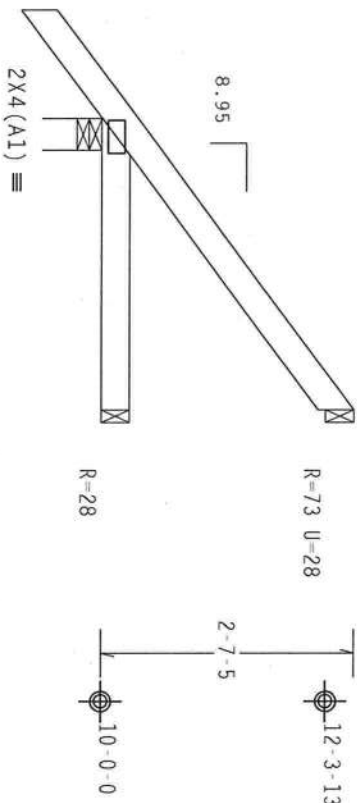
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Wind reactions based on MMFRS pressures.



PLT TYP. Wave

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

7.36.0424

QTY: 2

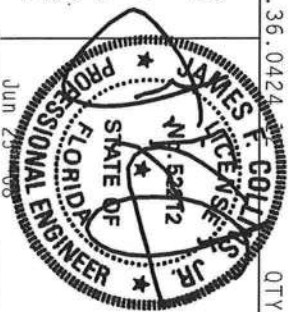
FL/-/4/-/-/R/-

Scale = .5"/Ft.

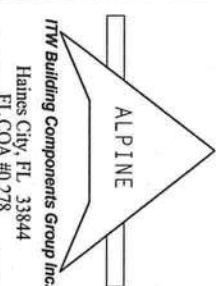
****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WTC (WOOD TRUSS COUNCIL OF AMERICA), 6500 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**** TURNIST 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



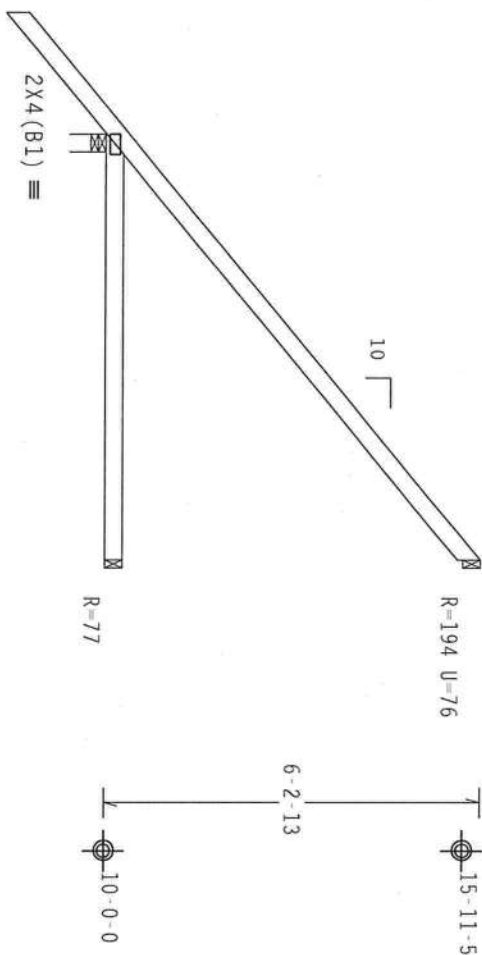
TC LL	20.0 PSF	REF R8228- 65287
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177022
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SECON- 88858
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205



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

Wind reactions based on MWFRS pressures.

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



$\leq 2-0-0 \Rightarrow$
 $\leftarrow 7-0-0$ Over 3 Supports $\rightarrow$
 $R=474 \quad W=3.5''$

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

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

7.36.0424

QTY:14 FL/-/4/-/-/R/-

Scale = .3125" / Ft.

WARNING—ALL FRAMES BEING ERECTED, SHIPPED, UNLOADING, INSTALLING AND MOVING REFER TO GC-1 (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY THE TROSS PANEL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, OR (800) TRUSS CENTER OF AMERICA, 65000 ENTERPRISE LANE, MIDDLETOWN, NJ 07940 FOR SAFETY PRACTICES AND PRECAUTIONS. IF CONDITIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITS 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.

SECTION COMMENTS: THE APPLICABLE REQUIREMENTS FOR ROSS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI, THE ROSS CONNECTOR PLATES ARE MADE OF 20/20/16/64 (A4/H/S/S/X) ASTM A653 GRADE 40/60 (A/ E/F/S/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ON INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHX AS OF TPI-2102, SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TROUSERS COMPONENTS OF THE BUILDING DESIGNER PER AMHX/TPI 1 SEC. 2.



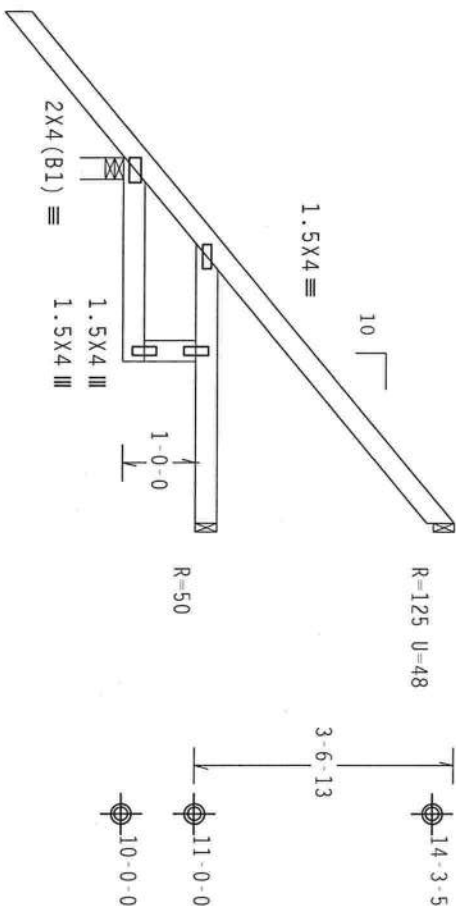
TC LL	20.0 PSF	REF	R8228 - 65288
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177015
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88922
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

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

Wind reactions based on MWFRS pressures.

Wind reactions based on MWFRS pressures.

See detail BCFILLER0207, TCFILLER0207 and REPCFILL 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)



2-0-0

1-2-2 | 1-7-6 | 2-2-8
 5-0-0 Over 3 Supports
 R=398 U=1 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:2

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

Scale = .375"/Ft.

*****WARNING***** TRUCKS REQUIRING EXISTING CAUSE IN REHABILITATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING REFER TO ACSEI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATING INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REMOVING THE SECTIONS. UNDESIRABLE, UNIFORMELY INDICATED TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE



ALPINE

Haines City, FL 33844
FL COA #0278

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGC, THE SMALL NON-BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COORDINATING WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND THE: DESIGN COORDINATING WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND THE: PLATES TO EACH FACE OF TRUSSES 20/10/16 (KIDA (P) 20/10/16) ASH 48/50 (KIDA (P) 20/10/16) GALV. STEEL. APPLY AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE THE AREA AS OF THE 20/10/16 (KIDA (P) 20/10/16) GALV. STEEL. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPONENTS DESIGN SHOWN, THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

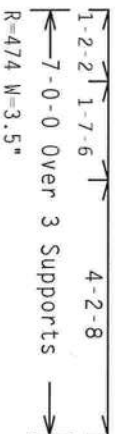


Jun 25 08

TC LL	20.0 PSF	REF	R8228- 65289
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCU8R8228 08177040
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON -	89020
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228205

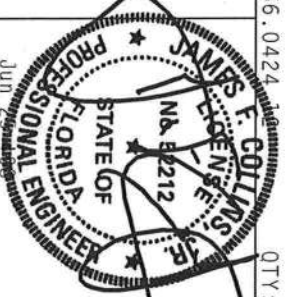
See detail BCFILLER0207, TCFILLER0207 and REPBCL for filter details. Laterally brace chord above/below filter @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filter (if no rigid diaphragm exists at that point)

Wind reactions based on MMFRS pressures.



Scale = .3125" / Ft.

DESIGN CONDITIONS AND THE APPLICABLE PROVISIONS OF MOD-
CONDUCTOR PLATES ARE MADE OF 2019/166A (AL-7053) ASIN A653 GRADE 40/60 (N/A/35) GALV. STEEL. APPLI-
CATIONS TO EACH FACE OF THUS8 AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1660-2-
AN INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI-10-202 SEC.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUS8 COMPONENTS
DURING SIGNATURE. THE SUSTAINABILITY USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANNEX 1/TP1 1 SEC. 2.

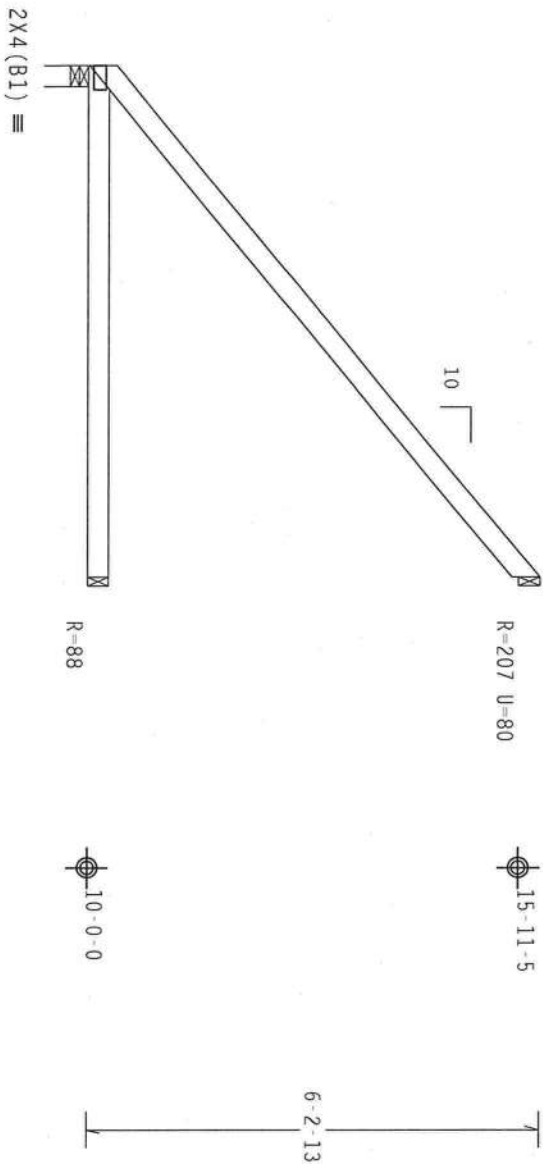


TC LL	20.0 PSF	REF	R8228 - 65290
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177048
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89014
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

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. IW=1.00 Gcpl(+/-)=0.18
Wind reactions based on MMFRS pressures.



7-0-0
7-0-0 Over 3 Supports
R=308 W=3.5"

PLT TYP. Wave

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

7.36.0424

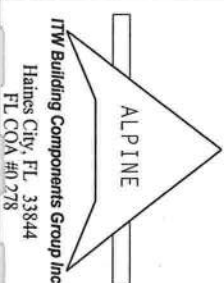
QTY:14 FL/-/4/-/-/R/-

Scale =.375"/ft.

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

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

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AIA/AIA AND TPI. PLATE CONNECTIONS SHALL BE MADE OF 20/10/1000 (20/10/1000) ASH/ASA GRADE 40/60 (4. K/1.5) GALV. STEEL. APPLY PLATE CONNECTIONS TO ALL CHORDS AND MEMBERS. ALL CONNECTIONS SHALL BE MADE PER DRAWINGS. APPLY 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SECTION FOR THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

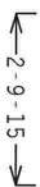


TC LL	20.0 PSF	REF R8228- 65291
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCURS8228 08177037
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 89063
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

המחלקה לבריאות הציבור, משרד הבריאות, תל אביב, ישראל

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 MIFRS pressures.

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

QTY:1

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

Scale = .3125"/Ft.

OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

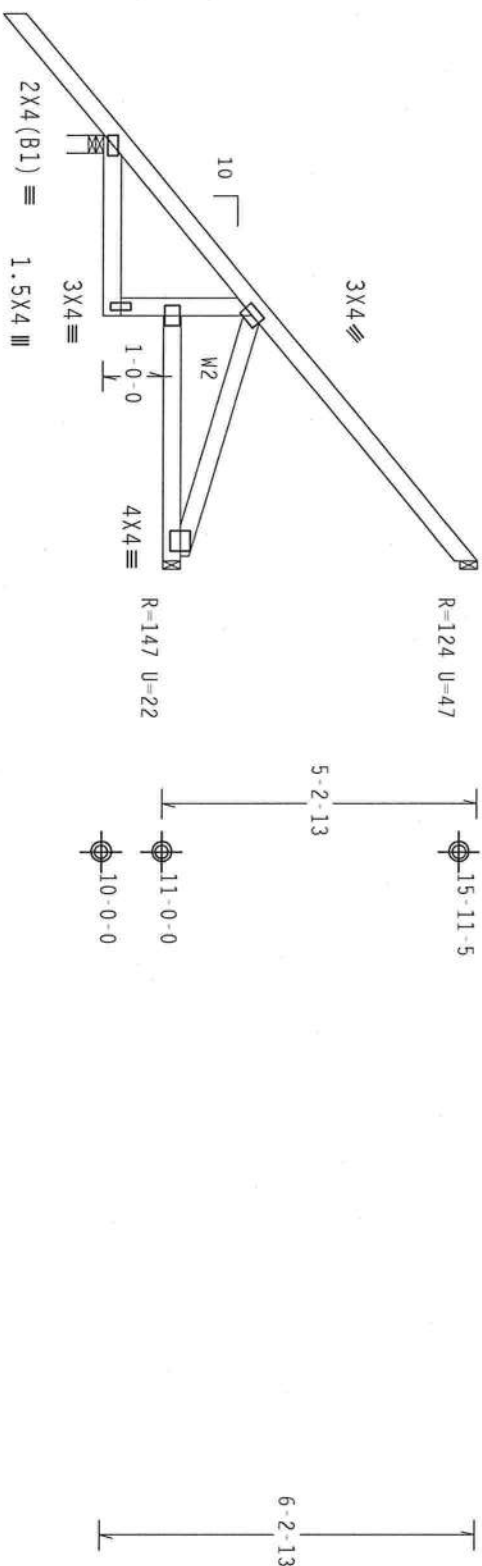
Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228 - 65292
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177002
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	34448
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T108228205

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

Wind reactions based on MMFRS pressures.



2-0-0

$$\begin{array}{r} 2-9-12 \\ 2-11-8 \\ \hline 4-2-4 \\ 4-0-8 \end{array}$$

2-11-8	4-0-8
7-0-0	over 3 Supports

R=474 U=0 W=3.499"

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

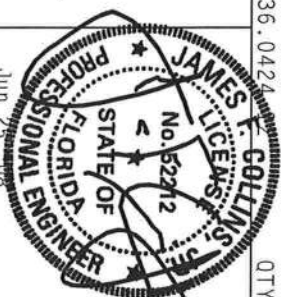
OTY:8

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

Scale = .3125"/Ft.

WARNING: THESE BUILDING EXISTING CODES IN EXISTING, HANDLING, SHIPPING, INSTALLING AND OPERATING TO BE USED. (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE (GROSS PAPER INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WETA COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MIDDLETOWN, CT 06457 FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SERVICE. UNLESS OTHERWISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED FIELD CELLING.

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

[illegible]

TC LL	20.0 PSF	REF	R8228 - 65293
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177009
BC LL	0.0 PSF	HC-ENG DF/DF	*
TOT.LD.	40.0 PSF	SEON-	34452
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	DATE	11/08/200705

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

Roof overhang supports 2.00 psf soffit load.

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.


$$\Gamma_{0-0}$$

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 = .5"/Ft.

WARNING:—PRIESTS BUILDING EXTERIOR CASE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND DRIPPING REFER TO 6051 (BUILDING COMPONENT CASE INFORMATION), PUBLISHED BY TPI (TRUSS PAPER INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND PICO GOOD TRUSS COMPANY OF AMERICA, 6300 INTERPRET LANE, MOBILE, AL 36689 FOR SAFETY PRACTICES AND PRECAUTIONS THESE STRUCTURES, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED FIELD CEILING.

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

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DECISION CONFORMS WITH APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC., DT AR 679) AND T1, CONNECTOR PLATES ARE MADE OF 20/18/1664 (W, H/SS/K) ASTM A563 GRADE 40/60 (W, K/H, SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF THUS AND, UNLESS OTHERWISE SPECIFIED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMN 3.3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

[illegible]

4224
JUN 25 08
STATE OF FLORIDA
PROFESSIONAL ENGINEER
N.D. 1212
CENSUS
JUN 25 08
4224

TC LL	20.0 PSF	REF	R8228- 65294
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 0817702
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	88869
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

REF	R8228-65294
DATE	06/25/08
DRW	HCUSR8228 0817702
HC-ENG	JB/AP
SEQN-	88869
FROM	AH
JRFF-	1T108228Z05

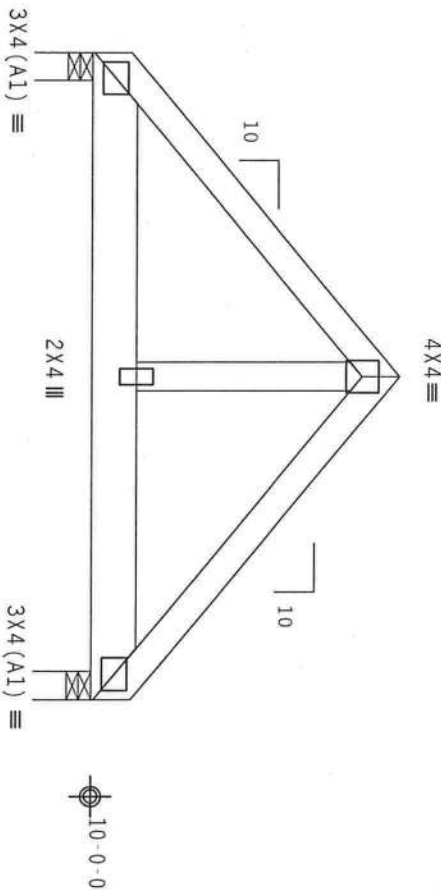
Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 3.32
TC - From 66 PLF at 3.32 to 66 PLF at 6.65
BC - From 20 PLF at 0.00 to 20 PLF at 6.65
BC - 1162 LB Conc. Load at 0.58
BC - 221 LB Conc. Load at 2.56
BC - 135 LB Conc. Load at 4.56

Wind reactions based on MMFRS pressures.

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



3-3-14 3-3-14
6-7-12 Over 2 Supports
R=1546 U=166 W=3.5"
R=543 U=58 W=3.5"

PLT TYP. Wave

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

7.36.0424

OTV.1

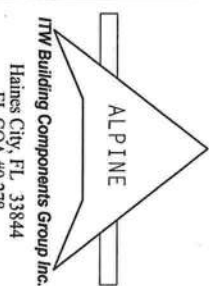
FL/-/4/-/-/R/-

Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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. 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.

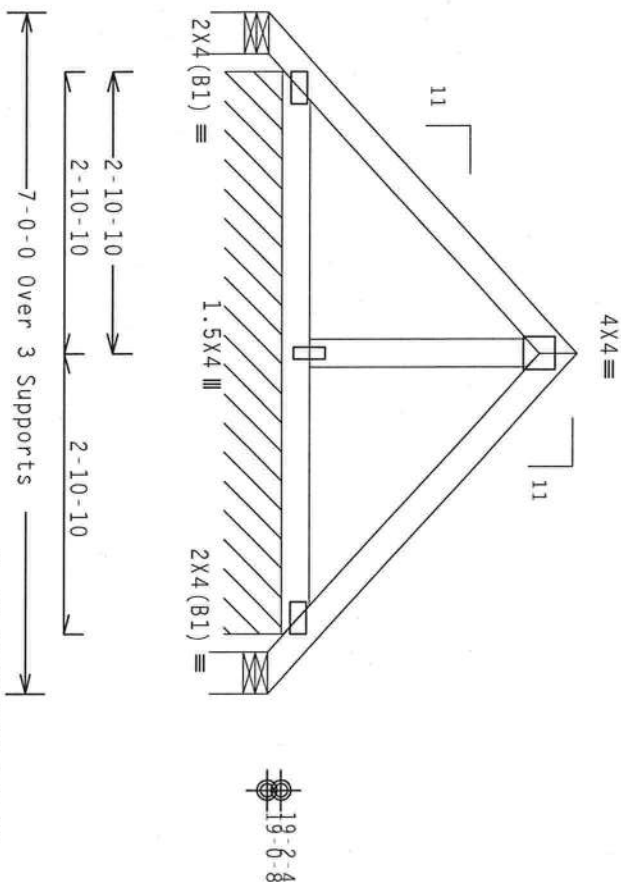
ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE TPI BCG (2015) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN FOR A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 65295
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177021
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89058
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	11108228205

110 mph wind, 20.65 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=1.2 psf.

Wind reactions based on MNFRS pressures.

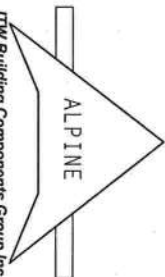


R=-24 RW=81 U=84 W=5.18"

R=89 PLF U=30 PLF W=5-9-4

R=-.24 R_w=.25 U=.27 W=.5, 1.8"

PLT TYP. Wave



ITW Building Components Group Inc

Haines City, FL 33844
FL COA #0278

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

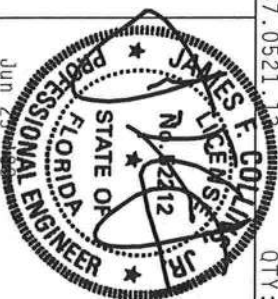
7.37.0521.13 QTY:13 FL/-/4/-/-/R/-

Scale = .5"/Ft.

WARNING: TRUSS EXISTING EXTERIOR GIRD IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING REFER TO GC-1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND 6600 TRUSS COMPANY OF AMERICA, 63000 INTERPRET LANE, SUITE 517, 53719 FOR SAFETY PRACTICES AND PLEA TO REOPEN THESE STRUCTURES. UNLESS OTHERWISE INDICATED FOR GIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GIRD SHALL HAVE A PROPERLY ATTACHED GIRD CELLING.

***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 TROSS IN CONFORMANCE WITH T011, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSSSES.

DURING CONSTRUCTION OF THE APPLICABLE PORTION OF THIS SPECIFICATION DESIGN SHALL BE BY AIAI/AI AND T.I. THE TWO RATED CONTRACTORS SHALL PROVIDE ALL MATERIALS AND LABOR FOR THE INSTALLATION OF THE CONNECTOR PLATES AIR MADE OF 2017/166A (W.H./SS) ASTM A563 GRADE 90/60 (F.W./SS) STEEL, APPLY PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON PER DRAWINGS 166A-2, PER ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF P.T.I.-2002 SEC.3. A SEAL ON THIS DRAWING, INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR AIR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 65296
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177065
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	21493 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

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

110 mph wind, 20.45 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=2.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBLETTIN0207 for more requirements.

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

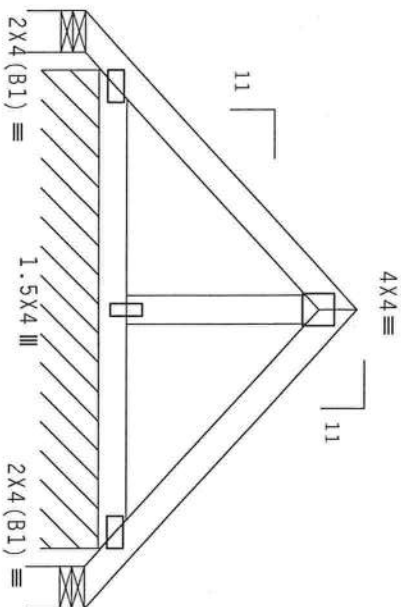
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 67 PLF at 0.00 to 67 PLF at 3.07
TC - From 67 PLF at 3.07 to 67 PLF at 6.14
BC - From 4 PLF at 0.00 to 4 PLF at 6.14

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.



6-1-10 Over 3 Supports
R=24 $R_w=134$ $U=136$ $W=5.18^*$ R=24 $R_w=74$ $U=36$ $W=5.18^*$
R=194 PLF $U=172$ PLF $W=4-10-15$

PLT TYP. Wave

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

7.36.0424

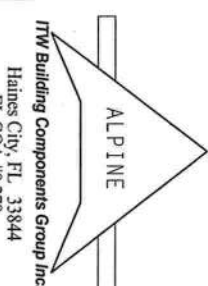
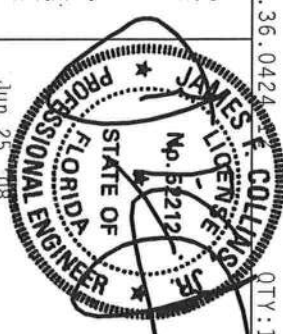
QTY: 1

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

Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (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 THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/10/100A (U.N./55%) ASTM A563 GRADE 40/60 (U. R./1.55) GALV. STEEL. APPLY PERMANENTLY TO ALL TRUSSES. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE BUILDING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY THE TRUSS DESIGNER. UNLESS OTHERWISE INDICATED, THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TP1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 65297
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177013
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	88811
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	11108228205

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

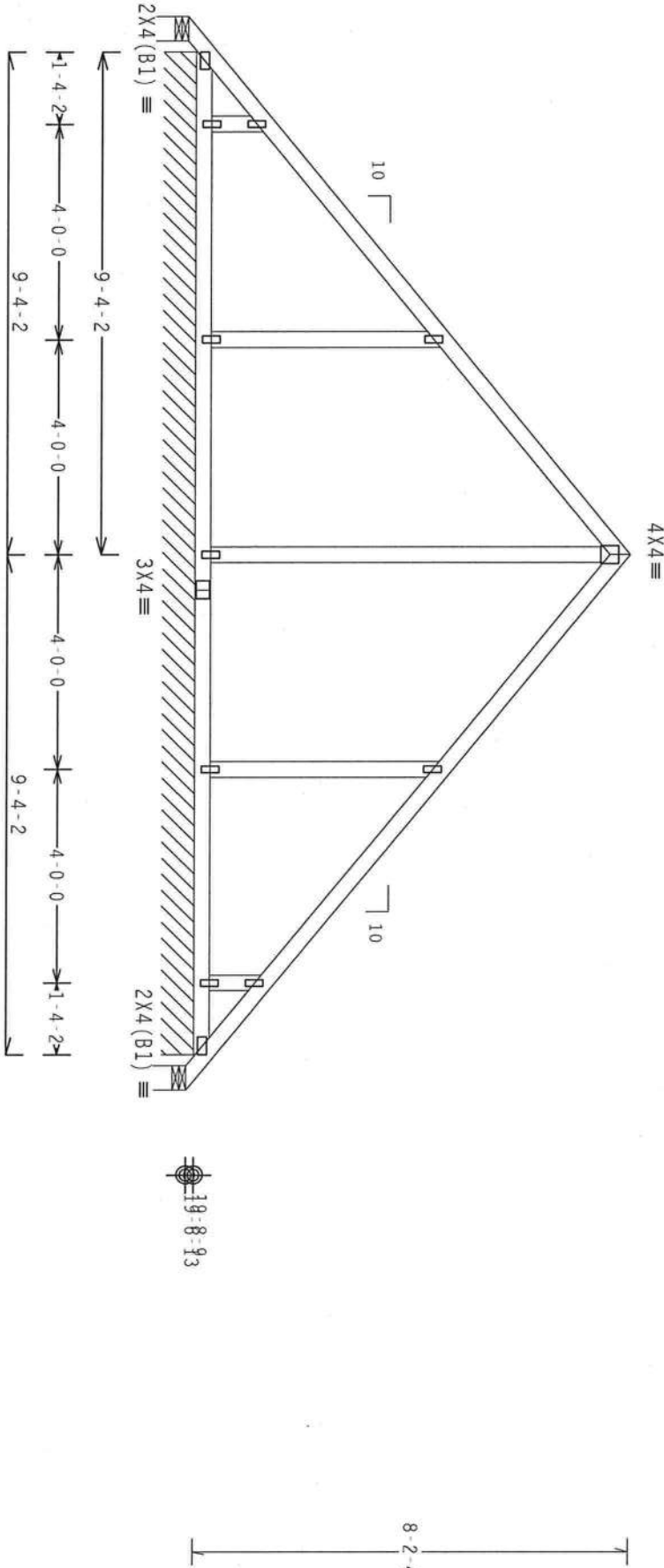
110 mph wind, 23.73 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, Exp B, Wind TC DL=5.0 psf,
Wind BC DL=2.0 psf. Iw=1.00 GCPI(+/-)=0.18

Wind reactions based on MMFRS pressures.

Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 10.00
TC - From 66 PLF at 10.00 to 66 PLF at 20.00
BC - From 4 PLF at 0.00 to 4 PLF at 20.00
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



R=30 Rw=153 U=141 W=5.467"
R=70 PLF U=23 PLF W=18-8-4

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

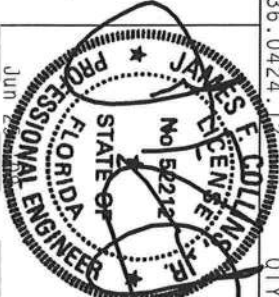
Cq/RT=1.00(1.25)/0(0)

Scale = .3125"/Ft.

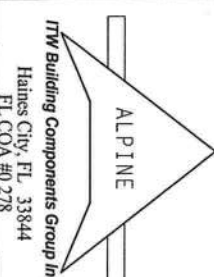
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCST (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 A FAILURE OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCG PLATES TO EACH FACE OF TRUSSES 20/16/10/6 (4/11/5/5) ASH 4653 GRADE 40/60 (0.4, R/H/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SECTION PER DRAWINGS. ADD 2. DRAWING INDICATES 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	R0228 - 65298
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCSR8228 08177004
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEON-	34417
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228/05



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

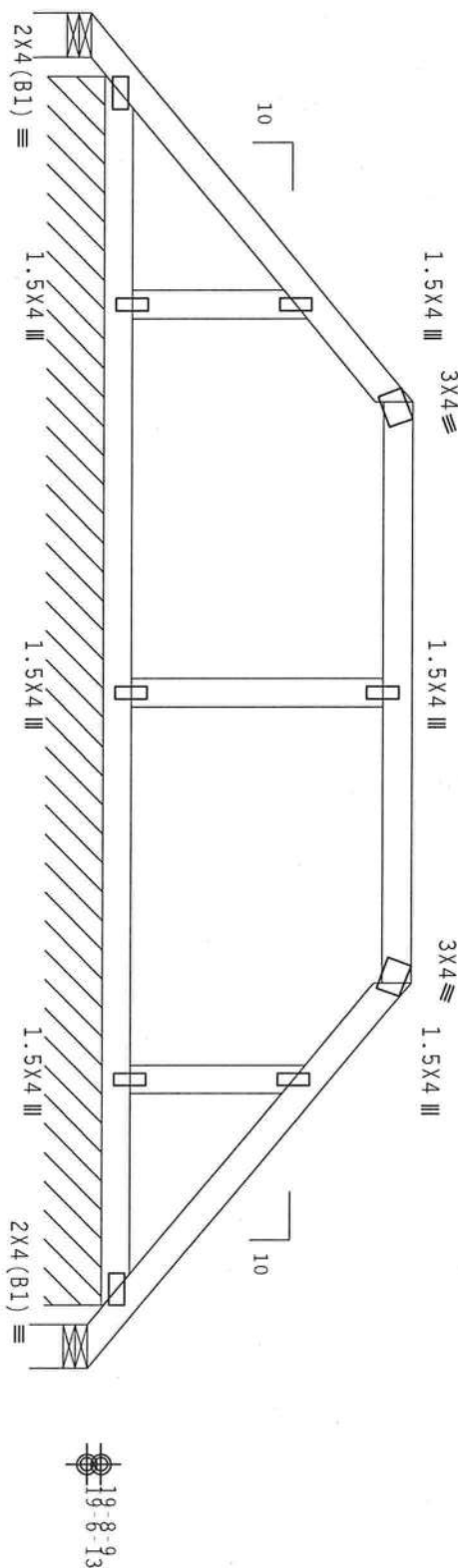
110 mph wind, 21.23 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=2.0 psf. $1w=1.00 \text{ GCP} (+/-)=0.18$

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.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback
details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 4.00
TC - From 66 PLF at 4.00 to 66 PLF at 10.00
TC - From 66 PLF at 10.00 to 66 PLF at 14.00
BC - From 4 PLF at 0.00 to 4 PLF at 14.00
In lieu of structural panels or rigid ceiling use purlins to
brace all flat TC @ 24" OC, all BC @ 24" OC.



3-4-2 6-4-2 6-0-0 3-4-2
14-0-0 Over 3 Supports
R=15 $Rw=62$ $U=57$ $W=5.467^*$
R=72 PLF $U=24$ PLF $W=12-8-4$
R=15 $U=6$ $W=5.467^*$

PLT TYP. Wave

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

7.36.0424.19

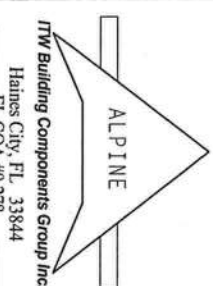
OTY:1

FL/-/4/-/R/-

Scale = .5"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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 TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. REFER TO BCST (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.



TC LL	20.0 PSF	REF R8228- 65300
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177079
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89153
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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

110 mph wind, 21.53 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=1.2 psf.

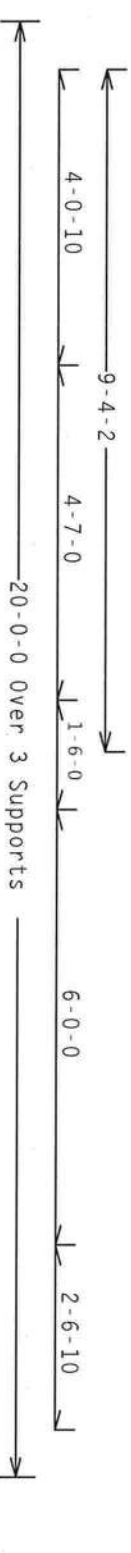
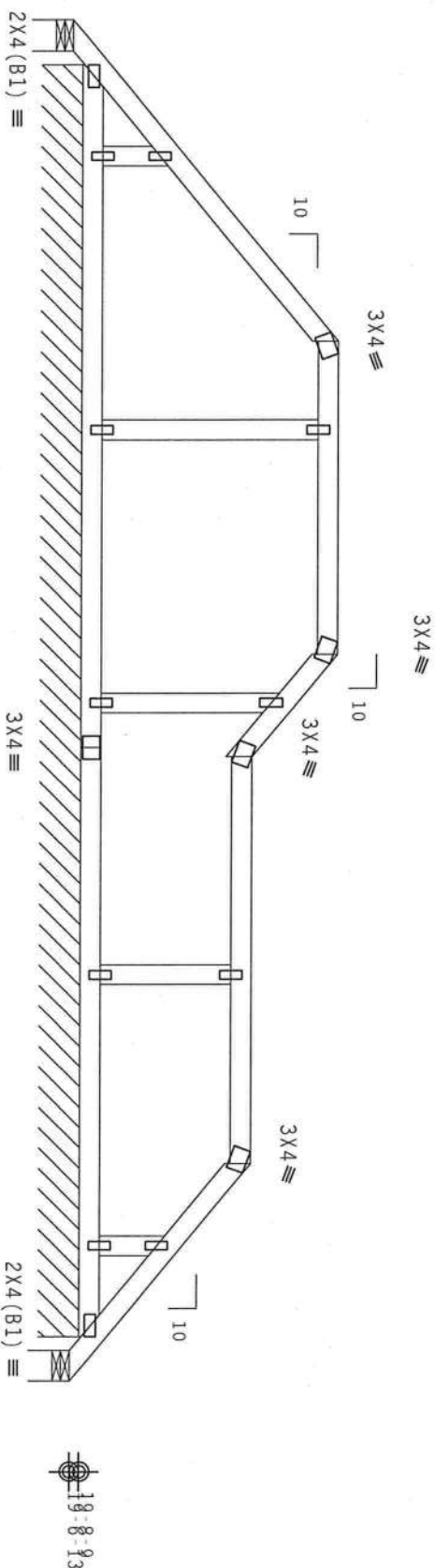
Wind reactions based on MMFRS pressures.

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

Refer to DWG. PIGBACKA0207 or PIGBACKB0207 for piggyback
details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS			
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)			
TC - From	66 PLF at 0.00 to	66 PLF at 4.71	
TC - From	66 PLF at 4.71 to	66 PLF at 9.29	
TC - From	66 PLF at 9.29 to	66 PLF at 10.79	
TC - From	66 PLF at 10.79 to	66 PLF at 16.79	
TC - From	66 PLF at 16.79 to	66 PLF at 20.00	
BC - From	4 PLF at 0.00 to	4 PLF at 20.00	

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



Note: All Plates Are 1.5x4 Except As Shown.

PLT TYP. Wave

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

7.37.0521

QTY: 1

FL/-/4/-/R/-

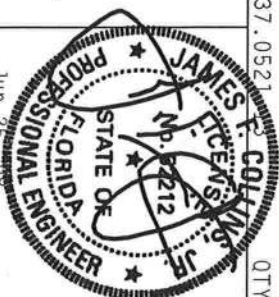
Scale = .375"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (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, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0-78



TC LL	20.0 PSF	REF R8228 - 65301
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177074
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 21516 REV
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 11108228205

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

110 mph wind, 22.36 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MMFRS pressures.

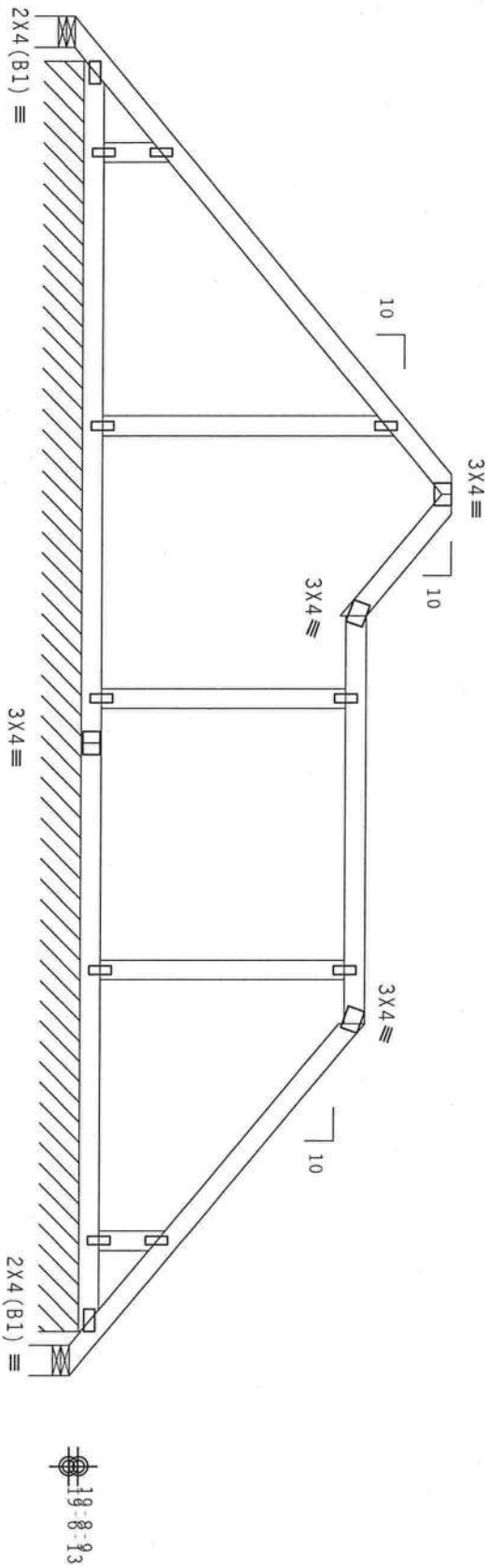
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACK0207 or PIGBACK0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

TC - From	66 PLF at 0.00 to 66 PLF at 6.71	DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25
TC - From	66 PLF at 6.71 to 66 PLF at 8.79	
TC - From	66 PLF at 8.79 to 66 PLF at 14.79	
TC - From	66 PLF at 14.79 to 66 PLF at 20.00	
BC - From	4 PLF at 0.00 to 4 PLF at 20.00	

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.



R=31 $R_w=100$ U=90 W=5.467"
R=70 PLF U=22 PLF W=18-8-4
R=29 W=5.467"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

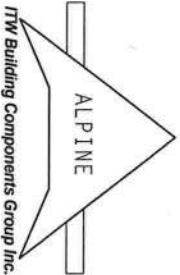
QTY: 1 FL/-/4/-/R/-

Scale = .375"/ft.

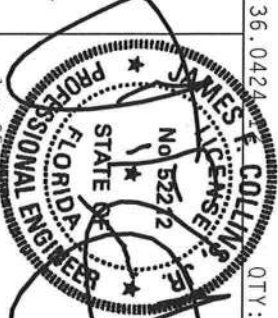
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICK (GOOD TRUSS COMPANY OF AMERICA, 6300 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**** UNLESS 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. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICK (GOOD 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.

ALPINE

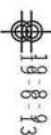


Alpine Building Components Group Inc.
Haines City, FL 33844
FL COA #0778



TC LL	20.0 PSF	REF R8228- 65302
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177081
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SECON- 89178
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 11108228205

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 7.21
TC - From 66 PLF at 7.21 to 66 PLF at 12.79
TC - From 66 PLF at 12.79 to 66 PLF at 20.00
BC - From 4 PLF at 0.00 to 4 PLF at 20.00



Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R8228- 65303
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCSUR8228 08177080
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON -	21521 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228205

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

110 mph wind, 23.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ GCPI (+/-) 0.18

Wind reactions based on MMFRS pressures.

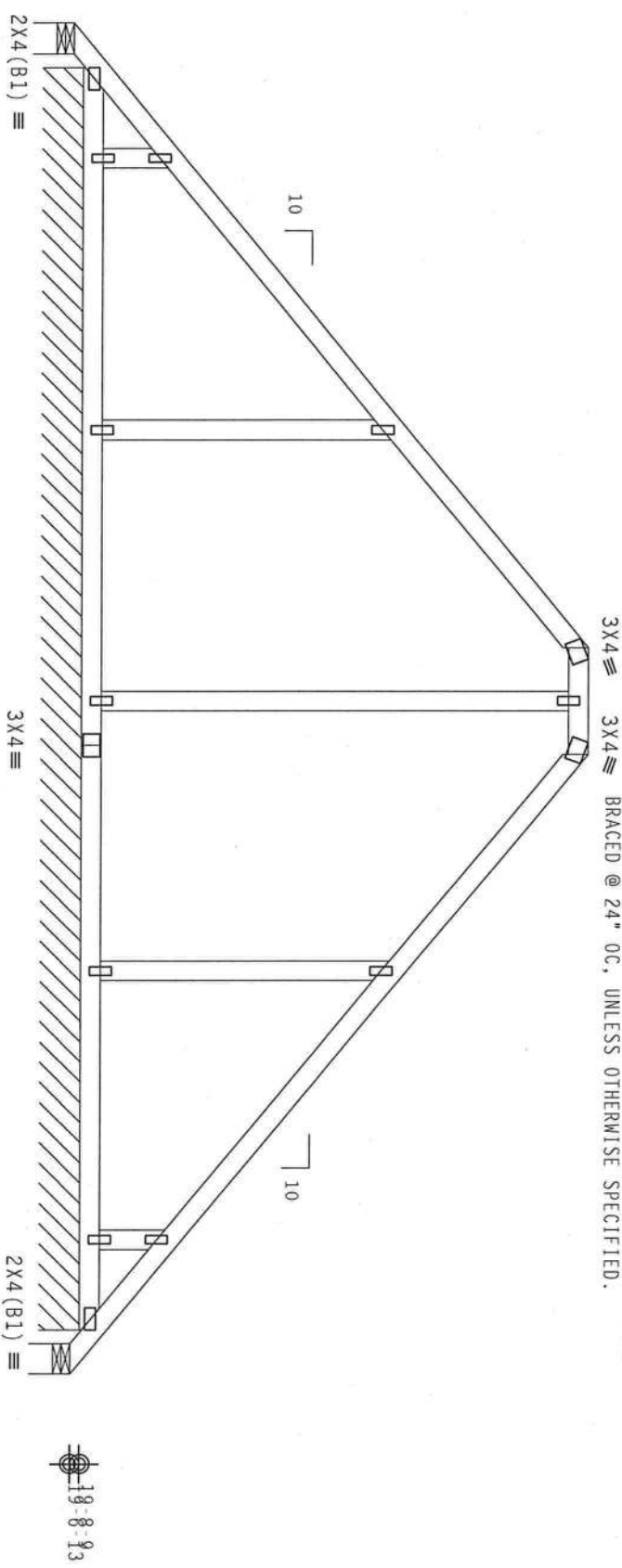
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

TC - From	66 PLF at 0.00 to 9.21	66 PLF at 9.21
TC - From	66 PLF at 9.21 to 10.79	66 PLF at 10.79
TC - From	66 PLF at 10.79 to 20.00	66 PLF at 20.00
BC - From	4 PLF at 0.00 to 20.00	4 PLF at 20.00

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



R=36 $R_w=138$ U=127 W=5.467"
R=69 PLF U=23 PLF W=18-8-4

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

Design Cmt: TPI-2002(STD)/FBC

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

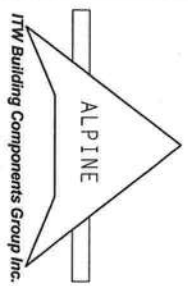
7.36.0424

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

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 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 FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE



NTW Building Components Group Inc.
Haines City, FL 33844
FL COA #0728



TC LL	20.0 PSF	REF R8228 - 65304
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177075
BC LL	0.0 PSF	HC-ENG JB/AP
TOT. LD.	40.0 PSF	SEON- 89188
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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

110 mph wind, 23.73 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, Exp B, wind TC
DL=5.0 psf, wind BC DL=2.0 psf. $1w=1.00$ $GCP1(+/-)=0.18$

Wind reactions based on MWFRS pressures.

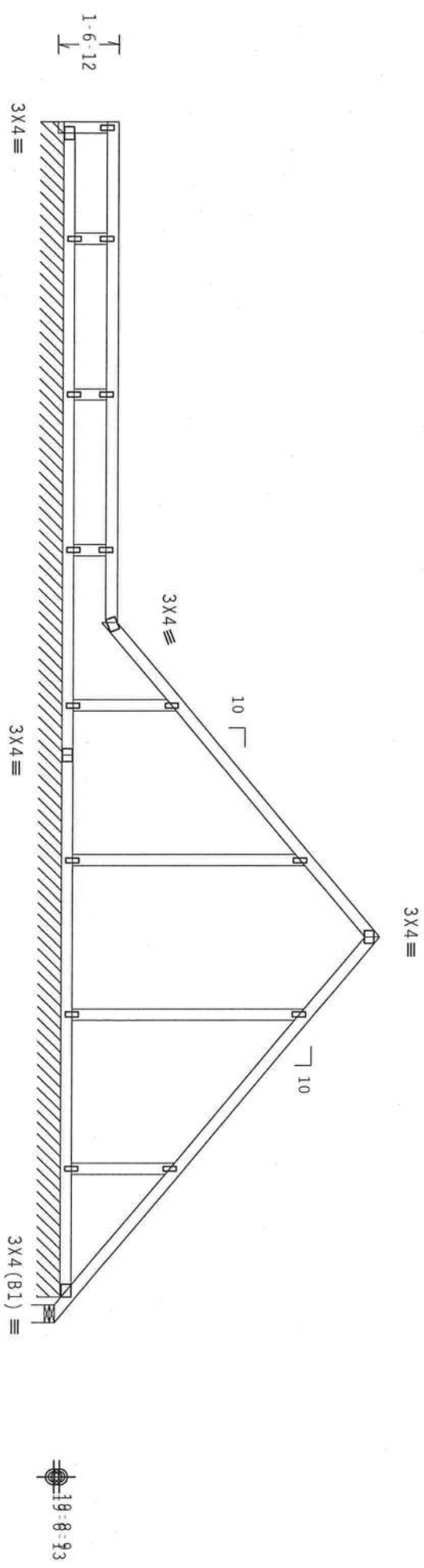
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback
details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)			
TC - From	66 PLF at 0.00 to	66 PLF at 12.88	
TC - From	66 PLF at 12.88 to	66 PLF at 21.00	
TC - From	66 PLF at 21.00 to	66 PLF at 31.00	
BC - From	4 PLF at 0.00 to	4 PLF at 31.00	

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



12-10-8 8-1-8 9-4-2
31-0-0 Over 2 Supports
R=72 PLF U-24 PLF W-30-4-2
R=27 Rw=35 U-41 W-5.468"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

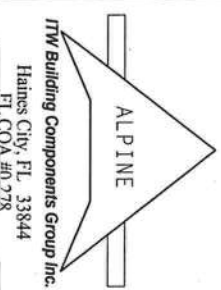
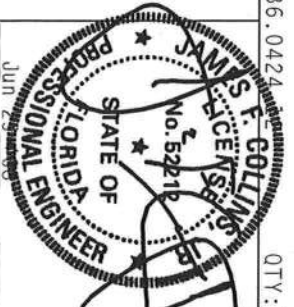
7.36,0424

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

Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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 THE TRUSS PLATE INSTITUTE'S (TPI) OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, OR ANY OTHER INSTRUCTIONS OR NON-QUALITY DESIGN SPEC. BY ACPA AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM. THE TRUSS PLATE INSTITUTE'S (TPI) SHALL BE RESPONSIBLE FOR ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN 33 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.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0-778

TC LL	20.0 PSF	REF R8228- 65305
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUSR8228 08177050
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEON- 89289
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

110 mph wind, 23.73 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

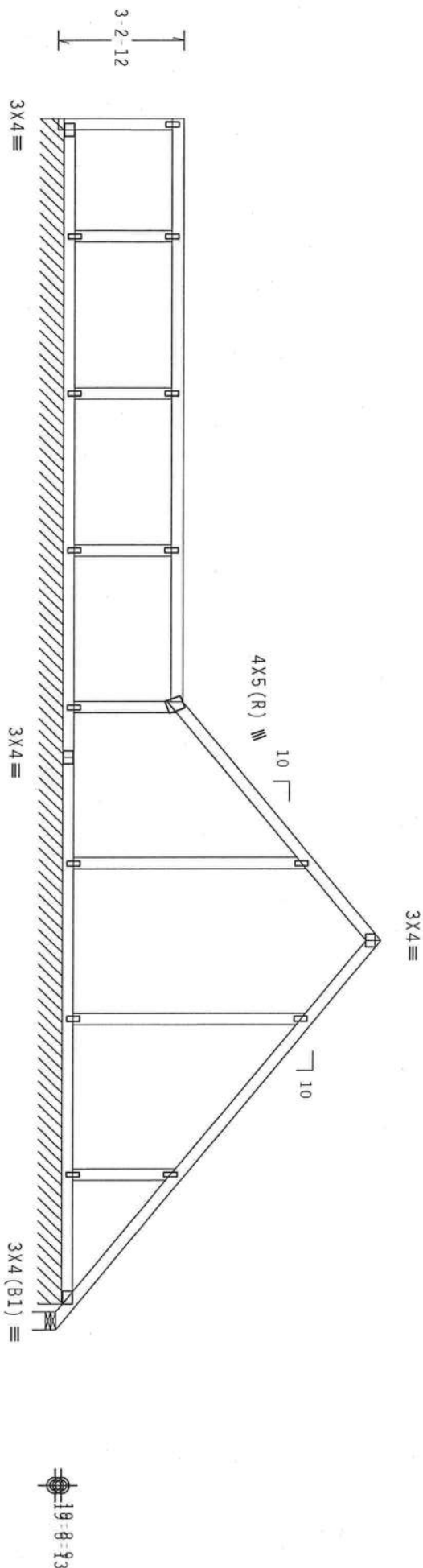
Left end vertical not exposed to wind pressure.

Refer to DWG. PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

-----	(LMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From	66 PLF at 0.00 to 66 PLF at 14.88
TC - From	66 PLF at 14.88 to 66 PLF at 21.00
TC - From	66 PLF at 21.00 to 66 PLF at 31.00
BC - From	4 PLF at 0.00 to 4 PLF at 31.00

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.



R=72 PLF U=24 PLF W=30-4-2

-31-0-0 Over 2 Supports

R=-30 R_W=33 U=37 W=5.468"

Note: All Plates Are 1.5X4 Except As Shown.

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

QTY:1

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

Scale = .25"/Ft.

WARNING: THESE REDUCED EXISTENCE CASE IN PUBLICATION, SHIPPING, INSTALLING, AND BROCKING REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD TRUSS COMPANY) OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE PROPERLY ATTACHED RIDGE CEILING.

TC LL	20.0 PSF	REF R8228- 65306
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 08177067

Haines City, FL 33844
FL CCA #0078



Jun 25 '08

DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228205

110 mph wind, 23.73 ft mean hgt, ASCE 7-02, closed bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC D1=2.0 psf, Iw=1.00 gpsi (+/-)-0.18

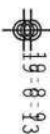
Left end vertical not exposed to wind pressure.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

TC	From	66 PLF at 0.00 to	66 PLF at 16.88
TC	From	66 PLF at 16.88 to	66 PLF at 21.00
TC	From	66 PLF at 21.00 to	66 PLF at 31.00
BC	From	4 PLF at 0.00 to	4 PLF at 31.00

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.

 $R = -29 \quad R_w = 36 \quad U = 40 \quad W = 5.468''$

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

QTY:1

FL/-/41/-/1-/R/-/

Scale = .25"/Ft.

WARNING: THESE TRUCKS REQUIRE EXTREME CARE IN OPERATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND NICK AND NICK COMPANY TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MONTICELLO, NJ 05319) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. INTERESTS, UNLESS OTHERWISE INDICATED, FOR GOOD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED MID-CELLING.



ALPINE

Haines City, FL 33844
FL COA #0078



TC LL	20.0 PSF	REF	R8228 - 65307
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177068
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN -	89279
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T108228705

TC LL	20.0 PSF	REF	R8228- 65308
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 081770822
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEGN-	34370
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREFE-	1T108228705

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

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

110 mph wind, 20.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $1w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

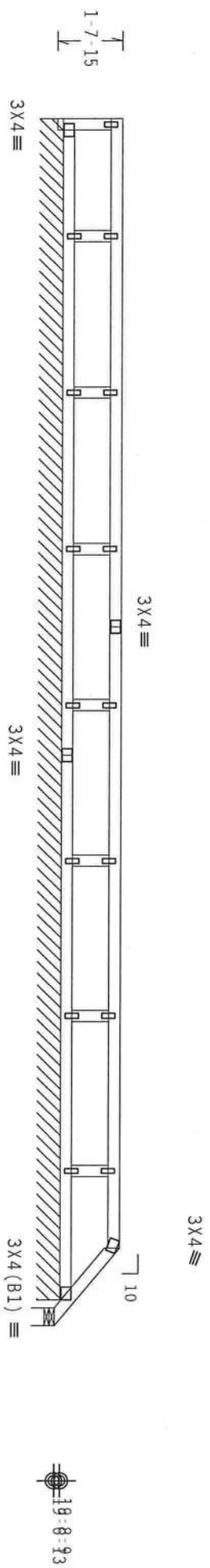
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 29.00
TC - From 66 PLF at 29.00 to 66 PLF at 31.00
BC - From 4 PLF at 0.00 to 4 PLF at 31.00

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.



31-0-0 Over 2 Supports
R=66 PLF U=22 PLF W=30-4-2
R=37 Rw=26 U=16 W=5.468"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

7.36.0424 10
QTY: 1 FL/-/4/-/-/R/-

Scale = .25"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0-778



TC LL	20.0 PSF	REF R8228- 65309
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 0817051
BC LL	0.0 PSF	HC-ENG UB/AP
TOT.LD.	40.0 PSF	SEON- 89267
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T108228205

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

110 mph wind, 21.23 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $1w=1.00$ Gcpi (+/-)=0.18

Wind reactions based on MMFRS pressures.

Left end vertical not exposed to wind pressure.

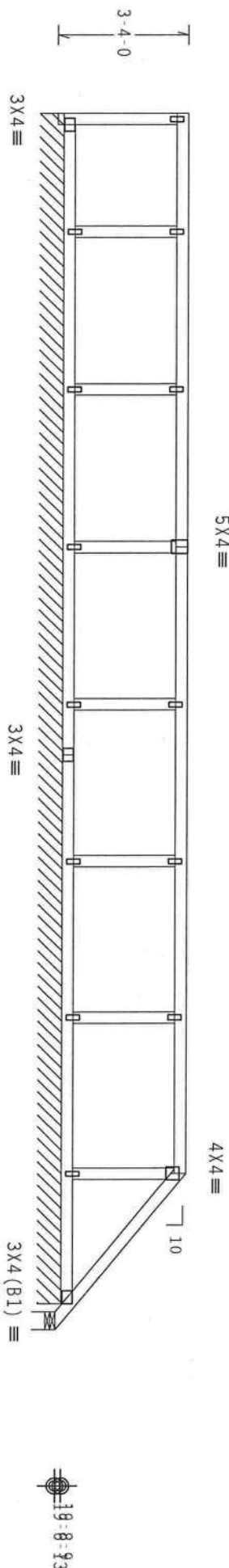
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 27.00
TC - From 66 PLF at 27.00 to 66 PLF at 31.00
BC - From 4 PLF at 0.00 to 4 PLF at 31.00

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.



31-0-0 Over 2 Supports
R=67 PLF U=23 PLF W=30-4-2
R=45 Rw=42 U=28 W=5.468"

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

Design Cr1t: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

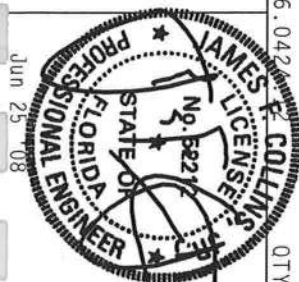
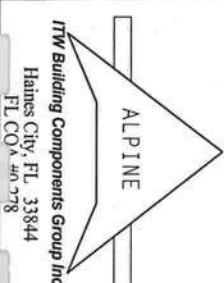
7.36.042
OTV:1 FL/-/4/-/R/-

Scale = .25"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCST (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.

DESIGNER CORPORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALPINE) AND TPI. ITW BCG DESIGN CORPORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ALPINE) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND TO EACH JOINT. ALL PLATES SHALL BE 1/4" THICK PER NDS. SEAL ON THIS 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.



TC LL	20.0 PSF	REF	R8228- 65310
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177052
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEON-	89262
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

SPECIAL LOADS

	LUMBER	DUR.FAC.=1.25	/	PLATE	DUR.FAC.=1.25
TC - From	60 PLF	at 0.00	to	60 PLF	at 25.00
TC - From	66 PLF	at 25.00	to	66 PLF	at 31.00
BC - From	4 PLF	at 0.00	to	4 PLF	at 31.00

In lieu of structural panels use purtins 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.



Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R8228- 65311
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177053
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	89257
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

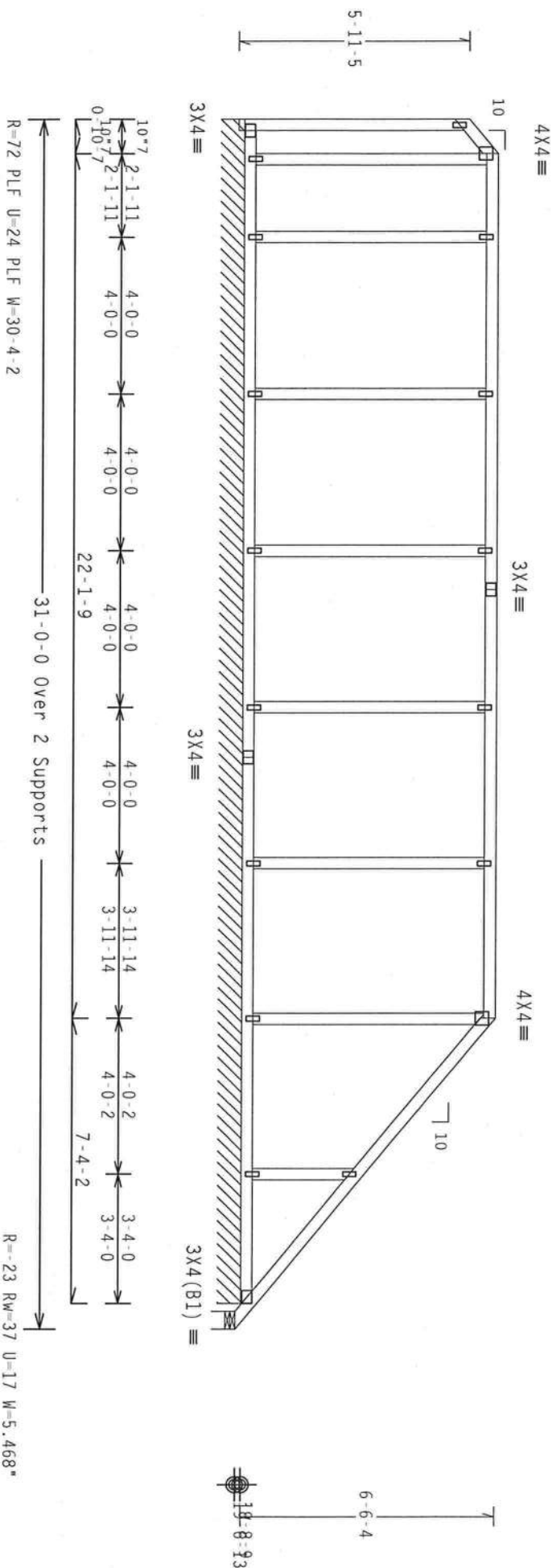
110 mph wind, 22.90 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 Gcpi(+/-)=0.18

Wind reactions based on MAFRS pressures.

left 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.

Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



Note: All Plates Are 1.5X4 Except As Shown.

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

QTY:1

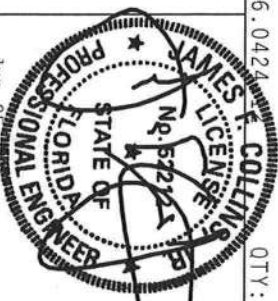
FL/-/4/-/-/R/-/

Scale = .25" / Ft.

WARNING: THESE RESIDUE REMAINING CAUSE INFLAMMATION, BURNING, SMOILING, INSTALLING, AND REACTING REFER TO DC51 (BULIDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA (6000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES, PLEASE TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED FOR GOOD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE A PROPERTY ATTACHED RIGID CELLING.

TC LL	20.0 PSF	REF R8228- 65312
TC DL	10.0 PSF	DATE 06/25/08
BC DL	10.0 PSF	DRW HCUR8228 0817700
BC LL	0.0 PSF	HC-ENG DF/DF

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0778



Jun 25 08

DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228205

110 mph wind, 22.28 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ gcpl (+/-)=0.18

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

Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

QTY:1

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

Scale = .375" / Ft.

*****WARNING***** TRUCKS, RIGIDITY, EXTERIOR, GAGE, INFORMATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING REFER TO GC-51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1, CRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND GAOO TRUSS COUNCIL OF AMERICA, 63000 INTERSTATE LAKE, MADISON, WI, 53719 FOR SAFETY PRACTICES, PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



ALPINE

Haines City, FL 33844
FL COA #0278



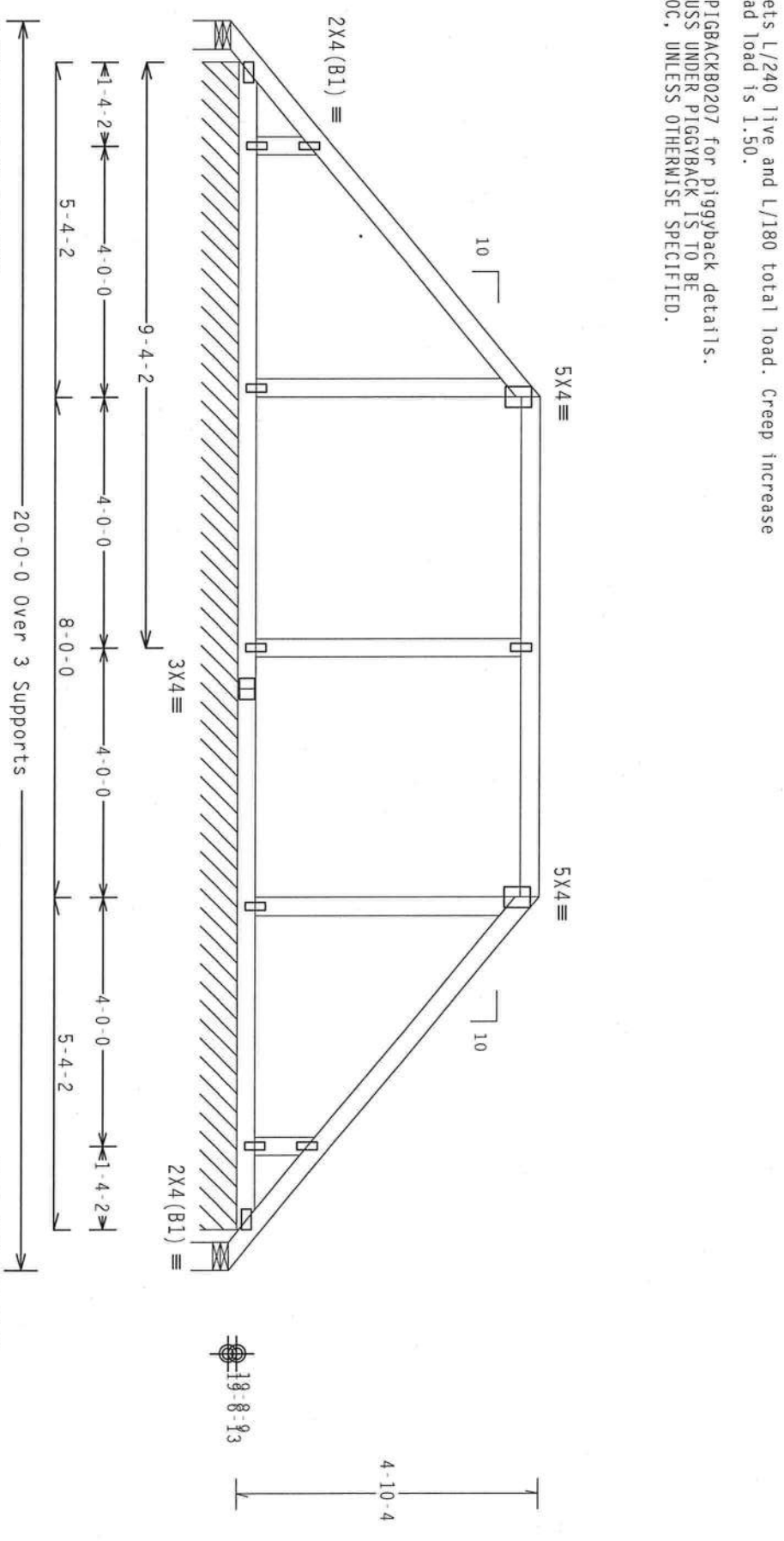
TC LL	20.0 PSF	REF	R8228- 65314
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177003
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	34413
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	66 PLF at 0.00 to	66 PLF at 6.00
TC - From	66 PLF at 6.00 to	66 PLF at 14.00
TC - From	66 PLF at 14.00 to	66 PLF at 20.00
BC - From	4 PLF at 0.00 to	4 PLF at 20.00

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.



R=31 Rw=88 U=80 W=5.467"
R=70 PLF U=22 PLF W=18-8-4
R=31 U=12 W=5.467"

Note: All Plates Are 1.5x4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)
7.36.0424 12
QTY: 1 FL/-/4/-/-/R/-
Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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.



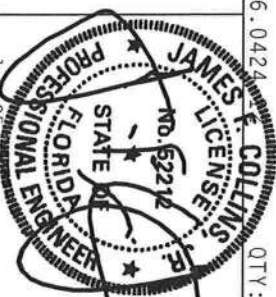
ALPINE	TC LL	20.0 PSF	REF	R8228- 65315
NTW Building Components Group Inc.	TC DL	10.0 PSF	DATE	06/25/08
Haines City, FL 33844	BC DL	10.0 PSF	DRW	HCUSR8228 08177030
FL COA #0 778	BC LL	0.0 PSF	HC-ENG DF/DF	
	TOT.LD.	40.0 PSF	SEQN-	34422
	DUR.FAC.	1.25	FROM	AH
	SPACING	24.0"	JREF-	1T108228205

Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

-----	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From	66 PLF at 0.00 to 66 PLF at 4.00
TC - From	66 PLF at 4.00 to 66 PLF at 16.00
TC - From	66 PLF at 16.00 to 66 PLF at 20.00
BC - From	4 PLF at 0.00 to 4 PLF at 20.00



Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 65316
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177072
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	34427
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228Z05

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

110 mph wind, 20.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=2.0 psf. $I_w=1.00$ GCFI(+/-)=0.18

Wind reactions based on MWFRS pressures.

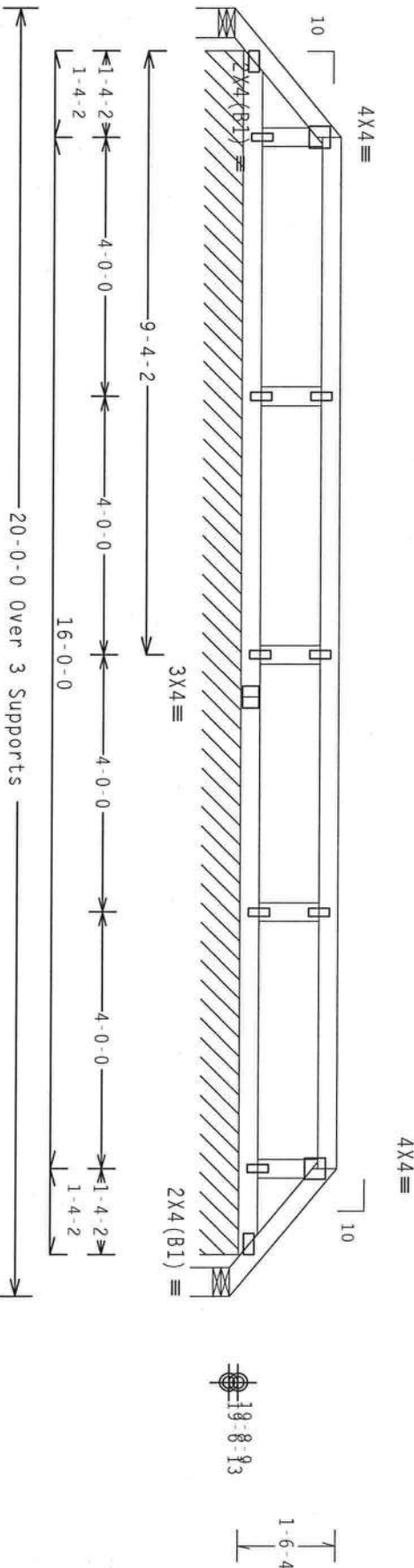
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

Refer to DWG PIGBACKB0207 for piggyback details.

PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS			
----- (LUMBER DUR, FAC = 1.25 / PLATE DUR, FAC = 1.25)			
TC - From	66 PLF at 0.00 to	66 PLF at 2.00	
TC - From	66 PLF at 2.00 to	66 PLF at 18.00	
TC - From	66 PLF at 18.00 to	66 PLF at 20.00	
BC - From	4 PLF at 0.00 to	4 PLF at 20.00	

In lieu of structural panels or rigid ceiling use purlins to brace
all flat TC @ 24" OC, all BC @ 24" OC.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

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

Scale = .375"/ft.

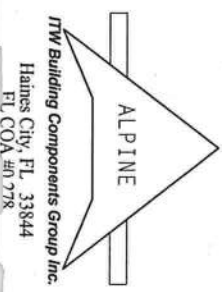
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO DCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE 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 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
THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR
ANY DAMAGE TO THE BUILDING OR ITS CONTENTS DURING THE INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL
BE RESPONSIBLE FOR THE PROTECTION OF THE BUILDING AND ITS CONTENTS DURING THE INSTALLATION OF THE TRUSS.
TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE PROTECTION OF THE BUILDING AND ITS CONTENTS DURING THE
INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE BUILDING AND
ITS CONTENTS DURING THE INSTALLATION OF THE TRUSS. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE
PROTECTION OF THE BUILDING AND ITS CONTENTS DURING THE INSTALLATION OF THE TRUSS.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10 PER DESIGNER'S SEAL ON THIS
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.



TC LL	20.0 PSF	REF	R8228- 65317
TC DL	10.0 PSF	DATE	06/25/08
BC DL	10.0 PSF	DRW	HCUSR8228 08177063
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT. LD.	40.0 PSF	SEON-	34432
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T108228705



Haines City, FL 33844
FL COA #0778

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.

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	ALTERNATIVE T OR L-BRACE	BRACING SCAB BRACE
2X3 OR 2X4 2X3 OR 2X4	1 ROW 2 ROWS	2X4 2X6	1-2X4 2-2X4
2X6 2X6	1 ROW 2 ROWS	2X4 2X6	1-2X6 2-2X4(*)
2X8 2X8	1 ROW 2 ROWS	2X6 2X6	1-2X8 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.

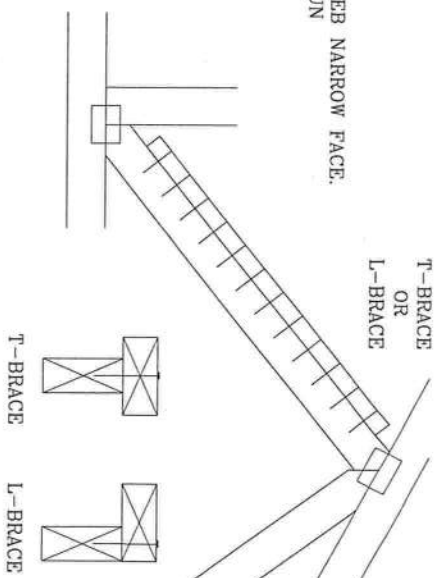
- (*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

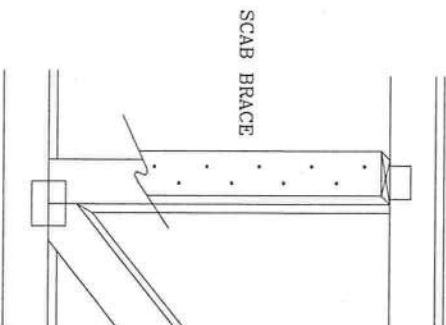
T-BRACING
OR
L-BRACING:

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

***VASINING** - TASSES REDUCE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REMOVING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE MANUFACTURERS ASSOCIATION, 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22304 AND VICA CADRU RUSS COUNCIL FOR THE STEEL INDUSTRY, 1600 N. WILSON AVENUE, SUITE 100, DEERFIELD BEACH, FL 33442.

***FUNCTIONS** - THESE TASSES WILL PROTECT ATTACHED STRUCTURES FROM DAMAGE DURING TRANSPORT, STORAGE AND ERECTION OF PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

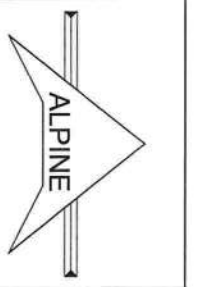
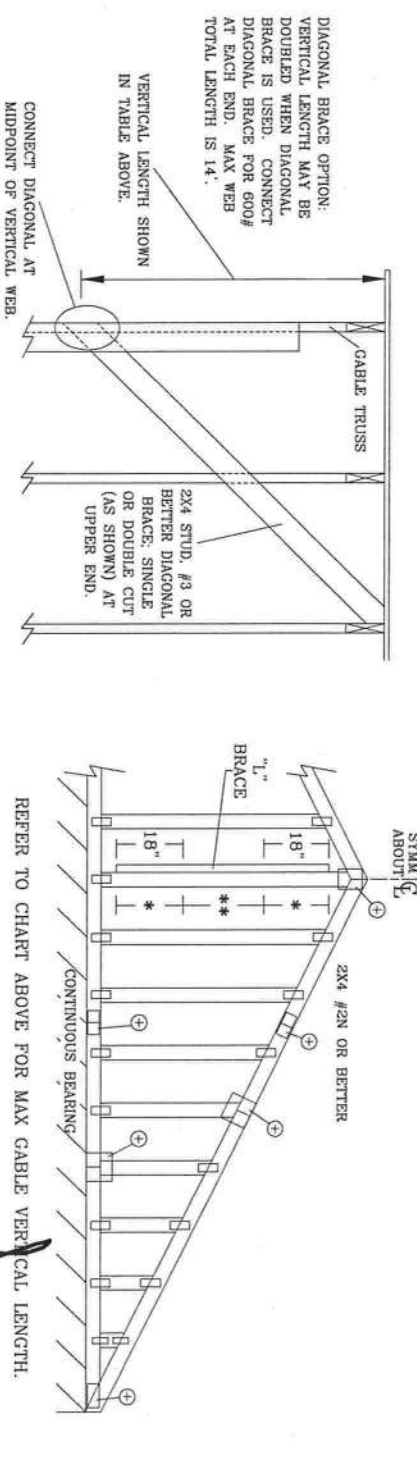
***APPROXIMATE** - FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TULI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DRAWING, FABRICATING, HANDLING, SHIPPING, INSTALLING & BREACING OF TRUSSES OR CORROSION OF THE PLATE, PROVIDING OF MODIFICATION, DESIGN SPEC. BY ARTRPO AND PERMITTING OF THE TRUSS TO BE USED AS SUCH WITHOUT THE NECESSARY SIGN OFFS GRANT 40760 CIVIL ENGINEERING, 1900 S. GARDNER STREET, SUITE 100, DENVER CO 80202.

***GALV. STEEL**, APPLY PLATES TO EACH FACE OF TOP CHORDS AND BOTTOM CHORDS OF ALL TRUSSES. ERECTION, POSITION PER DRAWINGS 1604-2. IF AN INSERTION OF PLATES IS REQUIRED, THEN THE PROPOSED

JAMES E. COLLINS, JR.
LICENSE
N68.52219
JUN 25

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

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



ITW 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 WTCA (WOOD 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. 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 CHANGES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. TPI, BCG CONTRACTOR PLATES ARE MADE OF 20/18/16GA (A/H/SS/K) ASH/ALUMINUM GRADE 40/60 (A/H/SS/K) OR 20/18/16GA (A/H/SS/K) ALUMINUM GRADE 40/60 (A/H/SS/K) PLATES. THIS PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF	ASCE7-02-CAB11015
DATE	2/23/07
DRWG	A11015EE0207
ENG	
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"

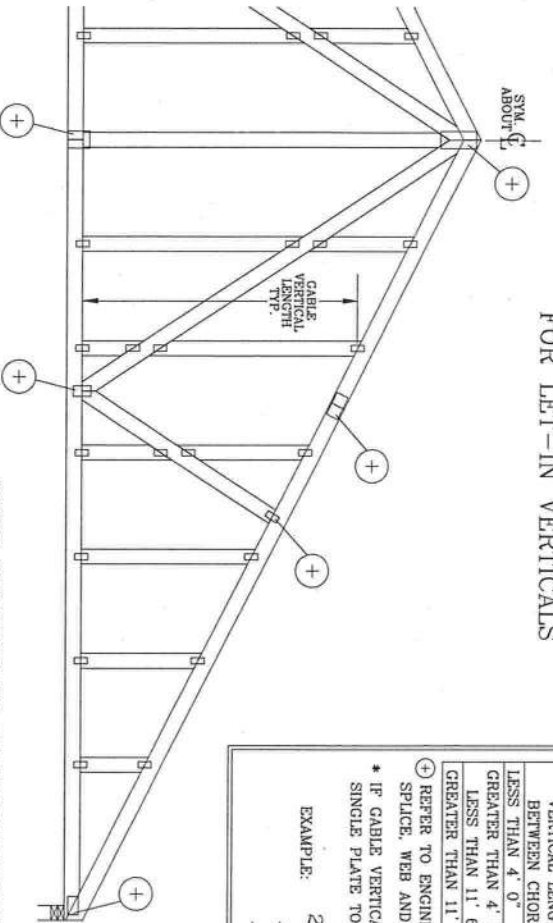
GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPICE
LESS THAN 4' 0"	1x4 OR 2x3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2x4
GREATER THAN 11' 6"	2.5x4

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

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

GABLE TRUSS DETAIL NOTES:
LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 60 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.
"L" BRACING MUST BE A MINIMUM OF 90% OF WEB MEMBER LENGTH.

GABLE DETAIL FOR LET-IN VERTICALS



GABLE VERTICAL PLATE SIZES			
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*	
LESS THAN 4' 0"	1X4 OR 2X3	2X8	
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8	
GREATER THAN 11' 6"	2.5X4	2.5X8	

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:

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

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

10d COMMON (0.148" X 3.3" MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207,
A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A08015EC0207,
A13030EC0207, A12030EC0207, A11030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EB0207, A12015EB0207, A11015EB0207, A08015EB0207,
A13030EB0207, A12030EB0207, A11030EB0207, A08530EB0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015ES0207, A12015ES0207, A11015ES0207, A08015ES0207,
A13030ES0207, A12030ES0207, A11030ES0207, A08530ES0207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

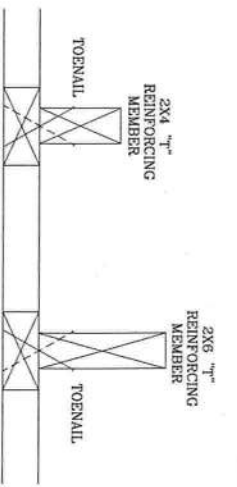
THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THE TRUSSES. DESIGN CONFORMS WITH TPI TRUSS SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND VITA C/ADD TRUSS COUNCIL, DEPT. 6500 ENTERPRISE, N. HANSON, VI 55719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THE FUNCTIONS DESCRIBED HEREIN. THE TRUSS SHALL BE PROPERLY ATTACHED TO THE STRUCTURE. GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND TO EACH CHORD. THE TRUSS SHALL BE PROPERLY ATTACHED TO THE STRUCTURE. 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.



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINFORCING MEMBER SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	20 %	40 %
15 FT	2x6	20 %	40 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	20 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24' O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

MAX TOT. LD. 60 PSF	REF	LET-IN VERT
DUR. FAC. ANY	DATE	2/23/07
MAX SPACING 24.0"	DRWG	GBLETTIN0207
	-ENG	DLJ/KAR

BOTTOM CHORD FITTER 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.

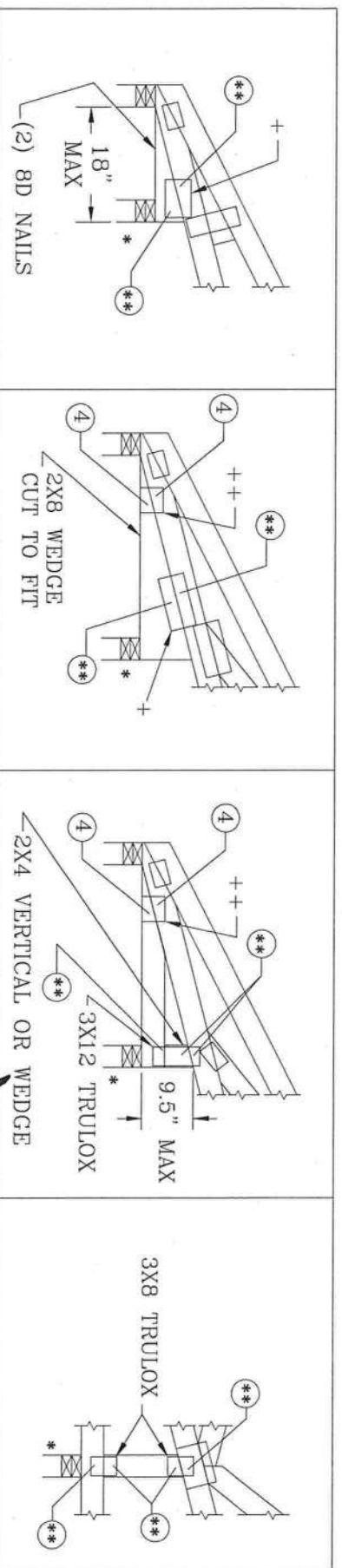
++ 2X4 WAVE OR 3X6 TRULOX

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. 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

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2. IMPORTANCE - FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMANCE WITH THE FABRICATING, HANDING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND STEEL TV. BCG CONNECTOR PLATES ARE MADE OF 20/81/6/66 C/A/AS/20 ASTM A633 GRADE 40/60 C/A/H/26 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON CD SHALL BE PER ANNEAL, POSITION OF TPI 1-20/81/6/66 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER ANNEAL AS OF TPI 1-20/81/6/66 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 20/81/6/66 TPI 1-20/81/6/66 SEC. 2.

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"				

RECOMMENDED REPAIR PROCEDURE

- 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.

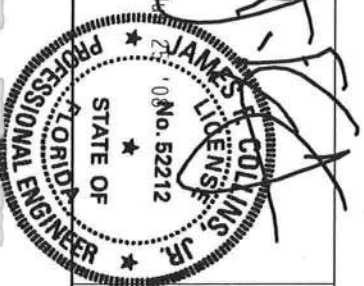
ATTACH TO BOTTOM CHORD AND FILLER WITH (3)
NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

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



***WARNING:** THESE REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY CORPORATION'S PRODUCT LITERATURE FOR COMPLETE INFORMATION. 218 NORTH LAKE ST., SUITE 312 ALABAMAIA, PA 22140 AND VICKI SADDY TRUSS COMPANY INC., 6300 ENTERPRISE LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THE 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. ITV BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THIS SPECIFICATION WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

[illegible]

BEARING BLOCK NAIL SPACING DETAIL

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

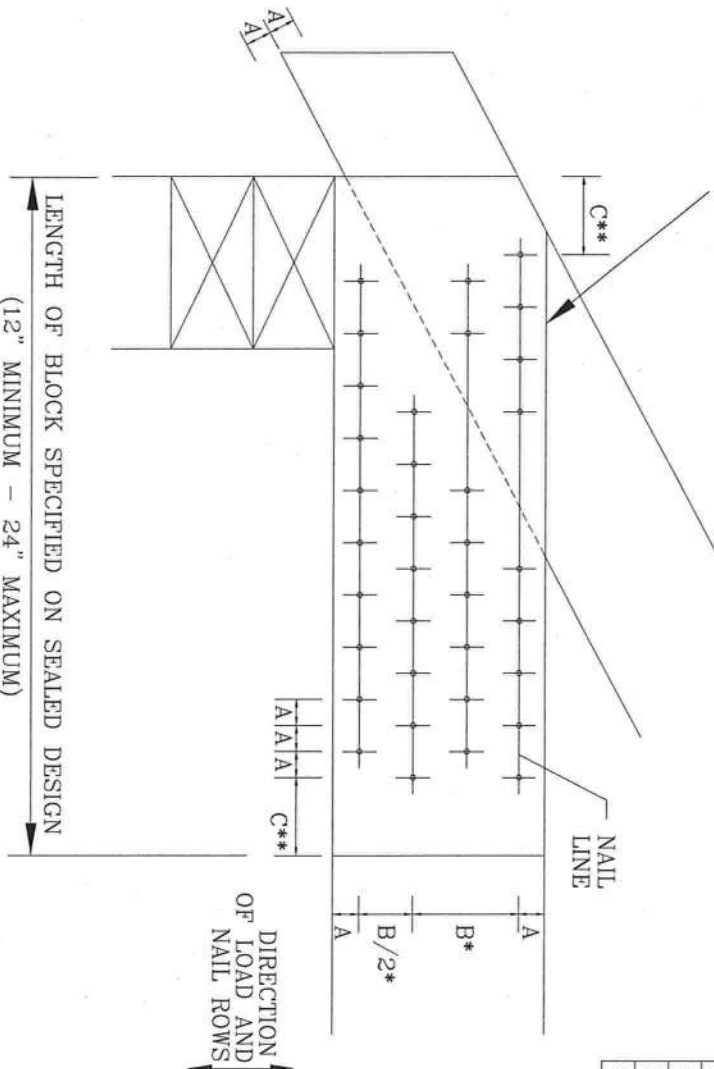
MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- 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

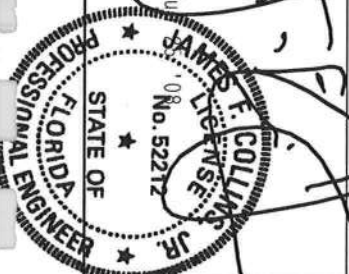
NAIL TYPE	DISTANCES			
	A	B*	C**	
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	
10d 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 CNBRCBLK0699



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REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRCLK0207
-ENG	SJP/KAR

PIGGYBACK DETAIL

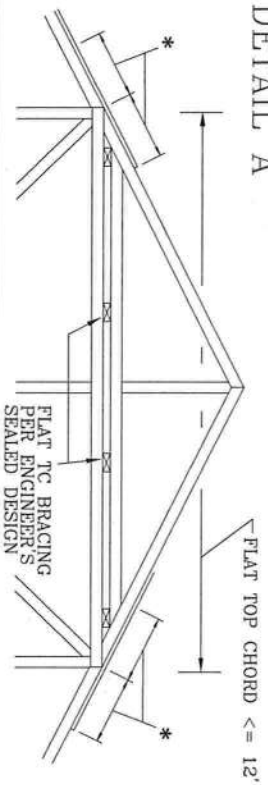
100 MPH WIND, 30.00 FT MEAN HGT., ASCE 7-02 OR ASCE 7-05, CLOSED BLDG., LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT., SBC, ENCLOSED BLDG., LOCATED ANYWHERE IN ROOF, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

100 MPH WIND, 30.00 FT MEAN HGT., ASCE 7-98, CLOSED BLDG., LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

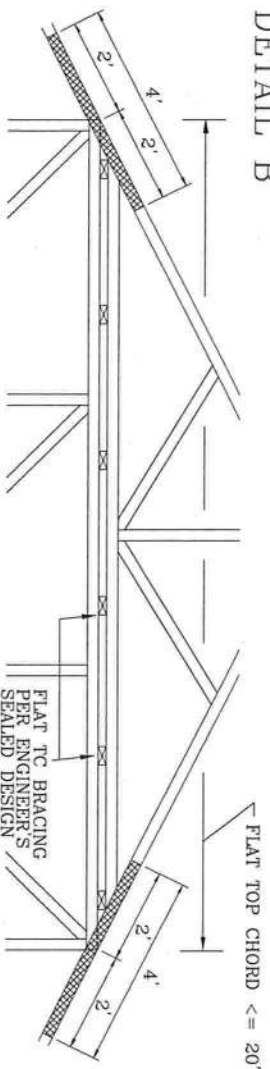
NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

DETAIL A



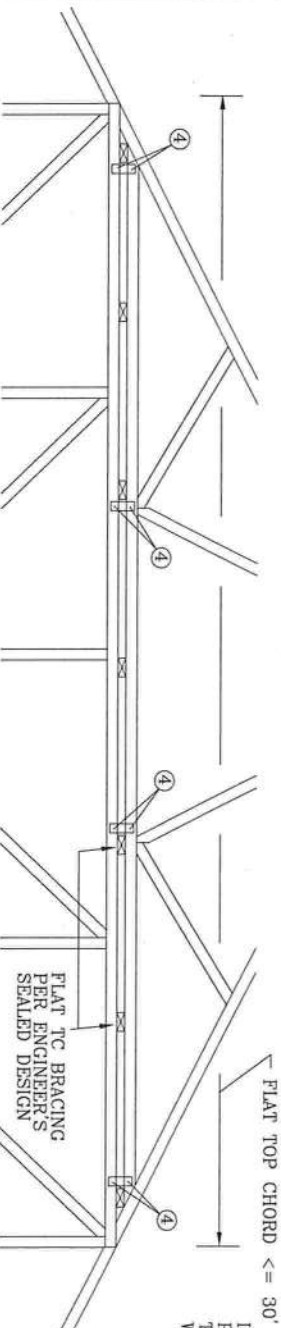
PIGGYBACK CAP TRUSS TOENAILLED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.
* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

DETAIL B



PIGGYBACK CAP TRUSS TOENAILLED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS AND SECURED WITH 2x4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

DETAIL C



IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.

(4) 8d COMMON NAILS (0.131"x2.5")
8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES. ATTACH WITH (8) 8d COMMON NAILS PER GUSSET. (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

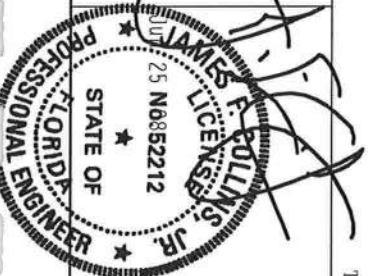
THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

ALPINE

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360SH, AISC 360SI, AISC 360SJ, AISC 360SK, AISC 360SL, AISC 360SM, AISC 360SN, AISC 360SO, AISC 360SP, AISC 360SQ, AISC 360SR, AISC 360SS, AISC 360ST, AISC 360SU, AISC 360SV, AISC 360SW, AISC 360SX, AISC 360SY, AISC 360SZ, AISC 360TA, AISC 360TB, AISC 360TC, AISC 360TD, AISC 360TE, AISC 360TF, AISC 360TG, AISC 360TH, AISC 360TI, AISC 360TJ, AISC 360TK, AISC 360TL, AISC 360TM, AISC 360TN, AISC 360TO, AISC 360TP, AISC 360TQ, AISC 360TR, AISC 360TS, AISC 360TT, AISC 360TU, AISC 360TV, AISC 360TW, AISC 360TX, AISC 360TY, AISC 360TZ, AISC 360UA, AISC 360UB, AISC 360UC, AISC 360UD, AISC 360UE, AISC 360UF, AISC 360UG, AISC 360UH, AISC 360UI, AISC 360UJ, AISC 360UK, AISC 360UL, AISC 360UM, AISC 360UN, AISC 360UO, AISC 360UP, AISC 360UQ, AISC 360UR, AISC 360US, AISC 360UT, AISC 360UU, AISC 360UV, AISC 360UW, AISC 360UX, AISC 360UY, AISC 360UZ, AISC 360VA, AISC 360VB, AISC 360VC, AISC 360VD, AISC 360VE, AISC 360VF, AISC 360VG, AISC 360VH, AISC 360VI, AISC 360VJ, AISC 360VK, AISC 360VL, AISC 360VM, AISC 360VN, AISC 360VO, AISC 360VP, AISC 360VQ, AISC 360VR, AISC 360VS, AISC 360VT, AISC 360VU, AISC 360VV, AISC 360VW, AISC 360VX, AISC 360VY, AISC 360VZ, AISC 360WA, AISC 360WB, AISC 360WC, AISC 360WD, AISC 360WE, AISC 360WF, AISC 360WG, AISC 360WH, AISC 360WI, AISC 360WJ, AISC 360WK, AISC 360WL, AISC 360WM, AISC 360WN, AISC 360WO, AISC 360WP, AISC 360WQ, AISC 360WR, AISC 360WS, AISC 360WT, AISC 360WU, AISC 360WV, AISC 360WW, AISC 360WX, AISC 360WY, AISC 360WZ, AISC 360XA, AISC 360XB, AISC 360XC, AISC 360XD, AISC 360XE, AISC 360XF, AISC 360XG, AISC 360XH, AISC 360XI, AISC 360XJ, AISC 360XK, AISC 360XL, AISC 360XM, AISC 360XN, AISC 360XO, AISC 360XP, AISC 360XQ, AISC 360XR, AISC 360XS, AISC 360XT, AISC 360XU, AISC 360XV, AISC 360XW, AISC 360XX, AISC 360XY, AISC 360XZ, AISC 360YA, AISC 360YB, AISC 360YC, AISC 360YD, AISC 360YE, AISC 360YF, AISC 360YG, AISC 360YH, AISC 360YI, AISC 360YJ, AISC 360YK, AISC 360YL, AISC 360YM, AISC 360YN, AISC 360YO, AISC 360YP, AISC 360YQ, AISC 360YR, AISC 360YS, AISC 360YT, AISC 360YU, AISC 360YV, AISC 360YW, AISC 360YX, AISC 360YY, AISC 360YZ, AISC 360ZA, AISC 360ZB, AISC 360ZC, AISC 360ZD, AISC 360ZE, AISC 360ZF, AISC 360ZG, AISC 360ZH, AISC 360ZI, AISC 360ZJ, AISC 360ZK, AISC 360ZL, AISC 360ZM, AISC 360ZN, AISC 360ZO, AISC 360ZP, AISC 360ZQ, AISC 360ZR, AISC 360ZS, AISC 360ZT, AISC 360ZU, AISC 360ZV, AISC 360ZW, AISC 360ZX, AISC 360ZY, AISC 360ZZ.

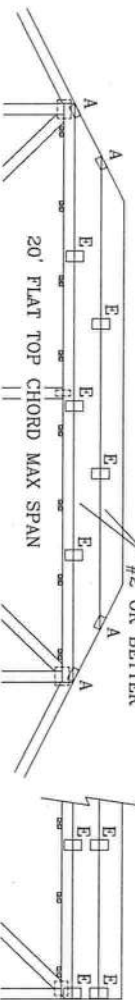


TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	PIGBACKA0207
BC LL	PSF	ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

PIGgyBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

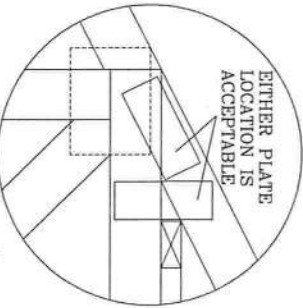
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

MAX SIZE OF 2X12
#2 OR BETTER

20' FLAT TOP CHORD MAX SPAN

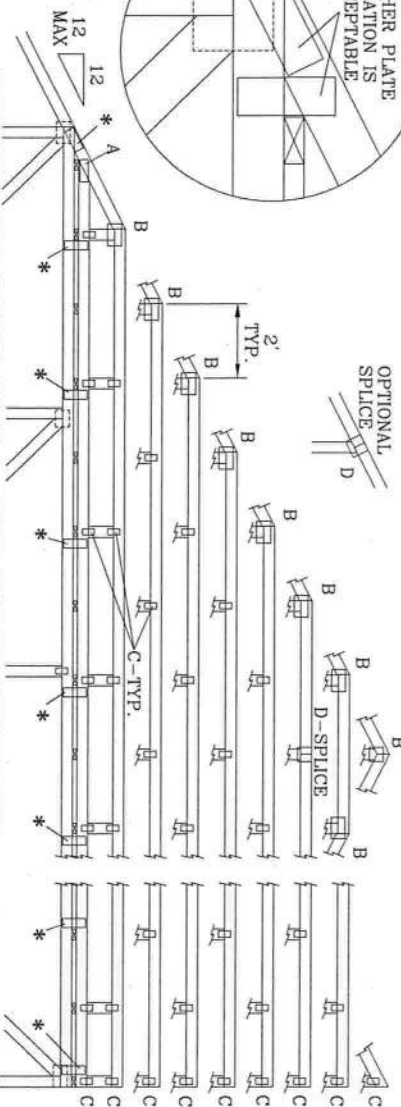
MAX SIZE OF 2X12
#2 OR BETTER

EITHER PLATE
LOCATION IS
ACCEPTABLE



OPTIONAL,
SPLICE

D



*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

(4) 6d BOX (0.099"X 2".MIN) NAILS.

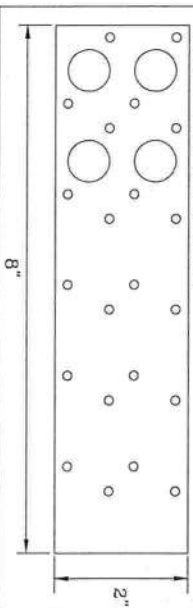
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (3) 0.120" X 1.375" NAILS OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH 0' TO 7'9"	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 6d BOX (0.113" X 2.5" MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135" X 3.5" MIN) NAILS AT 4" OC.

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4" OC OR LESS.



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

[WARNING] TRUSSES REQUIRE EXTREME CARE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE MANUFACTURER, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND VITA CADDO 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. IT BEGINS HERE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP11 OR FABRICATING, HANDLING, SHIPPING, INSTALLING, DESIGN SPEC. BY AREA AND TP1. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TP1. GALV. BCG CONNECTOR PLATES ARE MADE OF 20/18/GA USS/SS/A578 A633 GRADE 49/60 (X/K)/CS3 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE DERIVED ON CD SHALL BE PER DESIGN. POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER DESIGN. THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY'S DESIGN OF THE TRUSS AND NOT FOR USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER UBC/TP1 1 SEC. 2.

MAX LOADING	REF	PIGGYBACK
55 PSF AT	DATE	2/23/07
1.33 DUR. FAC.	DRWG	PIGBACKB0207
50 PSF AT	ENG	DLJ/KAR
1.25 DUR. FAC.		
47 PSF AT		
1.15 DUR. FAC.		
SPACING		24.0"

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

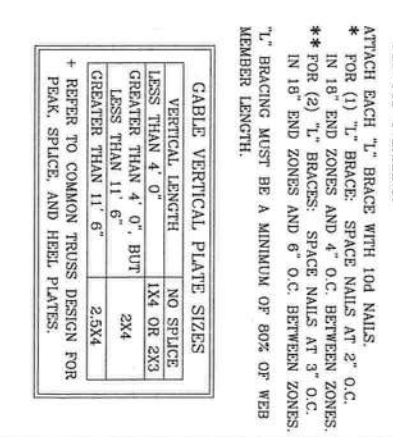
GROUP B:

HEM-FIR

#1 & BTR
#2

DOUGLAS FIR-LARCH

#1
#2



REF	ASCE7-02-CAB11030
DATE	2/23/07
DRWG	A11030EEO207
	-ENG

REF	ASCE7-02-CAB11030
DATE	2/23/07
DRWG	A11030EEO207
	-ENG

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Mark Robinson Company Phone No. 27199

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 196 N.W. 70th Way
John C. H. #1
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 8-25-08
Brand Name of Product(s) Used Bifen
EPA Registration No. 53449-189
Approximate Final Mix Solution % 0.6
Approximate Size of Treatment Area: Sq. ft. 5624 Linear ft. 378 Linear ft. of Masonry Voids 378
Approximate Total Gallons of Solution Applied 1242
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No Upon Completion
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Biannan Certification No. (if required by State law) JB104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 8-25-08

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

TUBERVILLE HVAC LOAD ANALYSIS

for

MACK ROBINSON CONSTRUCTION

Prepared By:

DAVID HALL
DAVID HALL'S INC.
PO BOX 244
LAKE CITY FL. 32056
386-755-9792
6/22/08

6/22/08

Project Data

Project File Name: ROBINSON, TUBERVILLE

System Input Data

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel. Hum.	Indoor Dry Bulb	Grains Difference
—System 1—					
Winter:	31	N/A	N/A	72	N/A
Summer:	98	81	50%	75	69
—System 2—					
Winter:	31	N/A	N/A	72	N/A
Summer:	98	81	50%	75	69

External Overhangs

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

Duct Sizing Inputs

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

Outside Air Data

	Winter		Summer
Infiltration:	0.900 AC/Hr		0.400 AC/Hr
Volume of Conditioned Space:	X 39107 Cu.Ft.		X 39107 Cu.Ft.
	35,196 Cu.Ft./Hr		15,643 Cu.Ft./Hr
	X 0.0167		X 0.0167
Total Building Infiltration:	586.605 CFM		260.7133 CFM
Total Building Ventilation:	0 CFM		0 CFM
—System 1—			
Infiltration & Ventilation Sensible Gain Multiplier:	25.30	= (1.10 X 23.00 Summer Temp. Difference)	
Infiltration & Ventilation Latent Gain Multiplier:	46.80	= (0.68 X 68.82 Grains Difference)	
Infiltration & Ventilation Sensible Loss Multiplier:	45.10	= (1.10 X 41.00 Winter Temp. Difference)	
—System 2—			
Infiltration & Ventilation Sensible Gain Multiplier:	25.30	= (1.10 X 23.00 Summer Temp. Difference)	
Infiltration & Ventilation Latent Gain Multiplier:	46.80	= (0.68 X 68.82 Grains Difference)	
Infiltration & Ventilation Sensible Loss Multiplier:	45.10	= (1.10 X 41.00 Winter Temp. Difference)	



Building Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	320	9,514	0	13,776	13,776
9G French Door Double Clear Glass Wood Frame	147	3,146	0	7,273	7,273
10D Door Wood Solid Core	21	396	0	257	257
12C Wall R-11 + 1/2" Gypsum(R-0.5)	2,022	7,460	0	4,841	4,841
16G Ceiling R-30 Insulation	4,109	5,558	0	6,372	6,372
22A Slab on Grade No Edge Insulation	288	9,564	0	0	0
Subtotals for structure:	6,907	35,638	0	32,519	32,519
Active People:	6	0	1,380	1,800	3,180
Inactive People:	0	0	0	0	0
Appliances:	0	0	3,200	3,200	6,400
Lighting:	0	0	0	11,458	11,458
Ductwork:	0	3,575	0	5,846	5,846
Infiltration: Winter CFM: 586.6, Summer CFM: 260.7	488	26,455	12,200	6,594	18,794
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				61,417	
Temperature Swing Multiplier:				X1.00	
Building Load Totals:		65,668	16,780	61,417	78,197

Check Figures

Total Building Supply CFM: 2792
 Square feet of room area: 4,109

CFM per square foot: 0.679
 Square feet per ton: 571.847

Building Loads

Total heating required with outside air:	65,668 Btuh	65.668 MBH
Total sensible gain:	61,417 Btuh	79 %
Total latent gain:	16,780 Btuh	21 %
Total cooling required with outside air:	78,197 Btuh	6.516 Tons (based on sensible + latent)
		7.185 Tons (based on 77% sensible capacity)

Notes

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

Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	165	4,906	0	6,873	6,873
9G French Door Double Clear Glass Wood Frame	105	2,247	0	4,199	4,199
12C Wall R-11 + 1/2" Gypsum(R-0.5)	1,354	4,995	0	3,241	3,241
16G Ceiling R-30 Insulation	3,061	4,141	0	4,746	4,746
22A Slab on Grade No Edge Insulation	180	5,977	0	0	0
Subtotals for structure:	4,865	22,266	0	19,059	19,059
Active People:	5	0	1,150	1,500	2,650
Inactive People:	0	0	0	0	0
Appliances:	0	0	3,200	3,200	6,400
Lighting:	0	0		8,389	
Ductwork:	0	2,611	0	4,015	4,015
Infiltration: Winter CFM: 455.2, Summer CFM: 202.3	270	20,526	9,467	5,117	14,584
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				41,280	
Temperature Swing Multiplier:				X1.00	
System Load Totals:		45,403	13,817	41,280	55,097

Check Figures

Supply CFM: 1,876
 Square feet of room area: 3,061

CFM per square foot: 0.613
 Square feet per ton: 611.447

System Loads

Total heating required with outside air:	45,403 Btuh	45.403 MBH
Total sensible gain:	41,280 Btuh	75 %
Total latent gain:	13,817 Btuh	25 %
Total cooling required with outside air:	55,097 Btuh	4.591 Tons (based on sensible + latent)
		5.006 Tons (based on 77% sensible capacity)

Notes

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

Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3C Window Double Pane Clear Glass Metal Frame	155	4,608	0	6,903	6,903
9G French Door Double Clear Glass Wood Frame	42	899	0	3,074	3,074
10D Door Wood Solid Core	21	396	0	257	257
12C Wall R-11 + 1/2" Gypsum(R-0.5)	668	2,465	0	1,600	1,600
16G Ceiling R-30 Insulation	1,048	1,417	0	1,626	1,626
22A Slab on Grade No Edge Insulation	108	3,587	0	0	0
Subtotals for structure:	2,042	13,372	0	13,460	13,460
Active People:	1	0	230	300	530
Inactive People:	0	0	0	0	0
Appliances:	0	0	0	0	0
Lighting:	0	0	0	0	0
Ductwork:	0	0	0	3,069	3,069
Infiltration: Winter CFM: 131.4, Summer CFM: 58.4	0	964	0	1,831	1,831
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	218	5,929	2,733	1,477	4,210
	0	0	0	0	0
Sensible Gain Total:				20,137	
Temperature Swing Multiplier:				X1.00	
System Load Totals:		20,265	2,963	20,137	23,100

Check Figures

Supply CFM:	915	CFM per square foot:	0.873
Square feet of room area:	1,048	Square feet per ton:	480.882

System Loads

Total heating required with outside air:	20,265 Btuh	20.265 MBH
Total sensible gain:	20,137 Btuh	87 %
Total latent gain:	2,963 Btuh	13 %
Total cooling required with outside air:	23,100 Btuh	1.925 Tons (based on sensible + latent)
		2.179 Tons (based on 77% sensible capacity)

Notes

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

2056

6/22/08

Load Summary Reports

System #1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Zone Adj Fact	Clg Adj CFM	Air Sys CFM
—Zone 1—												
1	Utility Room	236	1,532	20	1-6	524	2,265	1,000	103	1.00	103	103
2	Office	144	239	3	1-6	562	2,426	1,230	110	1.00	110	110
3	Bedroom #3	196	3,737	49	1-7	537	3,160	526	144	1.00	144	144
4	Bath #2	83	524	7	1-3	603	651	0	30	1.00	30	30
5	Bedroom #2	189	2,655	34	1-7	507	2,567	756	117	1.16	136	117
6	Bedroom #4	322	3,781	49	2-5	577	3,463	526	157	1.00	157	157
7	Bath #3	93	1,636	21	1-4	526	1,010	0	46	1.00	46	46
8	Kitchen	304	466	6	1-7	496	2,919	1,430	133	1.00	133	133
9	Linen	38	88	1	1-2	604	290	0	13	1.00	13	13
10	Family Room	656	10,253	133	2-7	555	6,529	2,984	297	1.00	297	297
11	Breakfast/ Pantry	162	4,562	59	1-10	499	4,791	1,262	218	1.25	272	218
12	Dining Room	263	4,678	61	1-8	515	3,424	1,052	156	1.16	180	156
13	Living Room	307	6,460	84	1-8	537	4,127	1,578	188	1.00	188	188
14	Foyer	68	4,792	62	1-9	508	3,658	1,473	166	1.35	224	166
System 1 Totals		3061	45,403	590			41,280	13,817	1,876		2,032	1,876

*Main Trunk Size: 20x16 in.

*Main Trunk velocity constraints were not met due to duct schedule limitations.

Main Trunk Air Velocity = 902 Feet/Minute

System #1 Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	4.591	75%/25%	41,280	13,817	55,097
Recommended:	5.006	77%/23%	46,257	13,817	60,074

Load Summary Reports

System #2 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Zone Adj Fact	Clg Adj CFM	Air Sys CFM
—Zone 1—												
15	Den	188	2,843	37	1-7	575	2,836	376	129	1.19	154	129
16	Bath #4	94	1,520	20	1-4	553	1,062	263	48	1.00	48	48
17	Master Bath	194	4,129	54	2-6	540	3,993	451	182	1.17	212	182
18	Wic 1&2	120	865	11	1-5	460	1,379	38	63	1.00	63	63
19	Master Bedroom	452	10,908	142	2-9	559	10,867	1,835	494	1.00	494	494
System 2 Totals		1048	20,265	263			20,137	2,963	915		971	915
Main Trunk Size: 14x12 in.												

System #2 Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	1.925	87%/13%	20,137	2,963	23,100
Recommended:	2.179	77%/23%	20,137	6,015	26,152

COLUMBIA COUNTY OFFICE OF 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 29-3S-16-02390-039

Building permit No. 000027199

Use Classification SFD, UTILITY

Fire: 38.52

Permit Holder MACK ROBINSON

Waste: 100.50

Owner of Building ANGELA TURBERVILLE

Total: 139.02

Location: 196 NW FELT WAY, LAKE CITY, FL



Date: 04/24/2009

[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)