

DATE 02/11/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000026734

APPLICANT MARY ANN CRAWFORD PHONE 752-5152  
ADDRESS 853 SW SISTERS WELCOME RD LAKE CITY FL 32025  
OWNER JOSEPH L. DICKS PHONE 397-3258  
ADDRESS 1531 SE ALDINE FEAGLE DR LAKE CITY FL 32025  
CONTRACTOR STANLEY CRAWFORD PHONE 752-5152

LOCATION OF PROPERTY PRICE CREEK RD, RIGHT ON ALDINE FEAGLE ROAD, 1ST LOT  
ON THE RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 159600.00

HEATED FLOOR AREA 2180.00 TOTAL AREA 3192.00 HEIGHT 21.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 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 XPS DEVELOPMENT PERMIT NO.

PARCEL ID 14-5S-17-09236-101 SUBDIVISION TIMBERLAND ESTATES

LOT 3 BLOCK PHASE UNIT TOTAL ACRES 5.00

000001553 RG0042896

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
CULVERT 08-0126 BK JH N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD. per Bk Elevation set at 142.12 need  
elevation confirmation letter L.Hob

Check # or Cash 149

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic  
date/app. by date/app. by date/app. by

Under slab rough-in plumbing Slab Sheathing/Nailing  
date/app. by date/app. by date/app. by

Framing Rough-in plumbing above slab and below wood floor  
date/app. by date/app. by

Electrical rough-in Heat & Air Duct Peri. beam (Lintel)  
date/app. by date/app. by date/app. by

Permanent power C.O. Final Culvert  
date/app. by date/app. by date/app. by

M/H tie downs, blocking, electricity and plumbing Pool  
date/app. by date/app. by

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

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

BUILDING PERMIT FEE \$ 800.00 CERTIFICATION FEE \$ 15.96 SURCHARGE FEE \$ 15.96

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 \$ 25.00 TOTAL FEE 931.92

INSPECTORS OFFICE L.Hobson 69 G CLERKS OFFICE msy

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.



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FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 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 XPS DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 14-5S-17-09236-101 SUBDIVISION TIMBERLAND ESTATES  
LOT 3 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 5.00

000001553 \_\_\_\_\_ RG0042896 \_\_\_\_\_  
Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number \_\_\_\_\_ Applicant/Owner/Contractor \_\_\_\_\_  
CULVERT \_\_\_\_\_ 08-0126 \_\_\_\_\_ BK \_\_\_\_\_ JH \_\_\_\_\_ N \_\_\_\_\_  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: MINIMUM FLOOR ELEVATION PER PLAT 142.12, ELEVATION CONFIRMATION

LETTER REQUIRED AT SLAB,

*Changed 2-11-08 per Brian Kepner L.S. Jackson*

Check # or Cash 149

**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

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

BUILDING PERMIT FEE \$ 800.00 CERTIFICATION FEE \$ 15.96 SURCHARGE FEE \$ 15.96  
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 \$ 25.00 **TOTAL FEE** 931.92

INSPECTORS OFFICE \_\_\_\_\_ CLERKS OFFICE \_\_\_\_\_

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





## BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055  
Phone (386) 752-7163 • Fax (386) 752-5573

---

*Land Surveyors  
and Mappers*

Re: Permit #26734

02/13/08

L-19113

To Whom It May Concern:

C/o: Stanley Crawford Construction, Inc.

Re: Lot 3 Timberland Estates

The elevation of the foundation is found to be 143.56 feet. The recommended finished floor elevation is 142.12 feet as per the plat of record. The highest adjacent grade is 140.5 feet and the lowest adjacent grade is 141.2 feet. The centerline of the adjacent road SE Holly Terrace is 141.22 feet. The elevations shown hereon are based on NGVD 29 Datum.

L. Scott Britt  
PLS #5757





# COLUMBIA COUNTY FLORIDA

## OCCUPANCY

### COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

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

Parcel Number 14-5S-17-09236-101

Building permit No. 000026734

Use Classification SFD, UTILITY

Fire: 24.42

Permit Holder STANLEY CRAWFORD

Waste: 33.50

Owner of Building JOSEPH L. DICKS

Total: 57.92

Location: 1531 SE ALDINE FEAGLE DR, LAKE CITY, FL

Date: 08/01/2008

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)





**Culvert Waiver No.**  
**000001553**

BUILDING PERMIT NO. 26734

PHONE 752-5152

FL 32025

PHONE 397-3258

FL 32025

PHONE 752-5152

LOCATION OF PROPERTY PRICE CREEK ROAD, RIGHT ON ALDINE FEAGLE ROAD, FIRST LOT

ON RIGHT

3

PARCEL ID # 14-5S-17-09236-101

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

**SIGNATURE:**

**A SEPARATE CHECK IS REQUIRED  
MAKE CHECKS PAYABLE TO BCC**

**Amount Paid** 50.00

**PUBLIC WORKS DEPARTMENT USE ONLY**

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

APPROVED

NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS:

SIGNED:

DATE:

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

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





## Columbia County Building Permit Application

For Office Use Only Application # 0801-143 Date Received 1/29 By JW Permit # 1553/26734  
 Zoning Official BLK Date 07.02.08 Flood Zone Xpr FEMA Map # N/A Zoning A-3  
 Land Use A-3 Elevation N/A MFE N/A River N/A Plans Examiner OKJH Date 1-31-08  
 Comments Elevation Confirmation Letter 142.12 Required corrected  
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #  
☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor  
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. \_\_\_\_\_

Fax (386) 755-2165Name Authorized Person Signing Permit Mary Ann Crawford Phone (386) 752-5152Address 8535 S.W. Sisters Welcome Rd. Lake City, FL 32025Owners Name Joseph L. Dicks Phone (386) 397-3258911 Address 1531 SE 24th Ave Feagle Dr, L.C. 32025Contractors Name Stanley Crawford Construction Phone (386) 752-5152Address 853 S.W. Sisters Welcome Rd. Lake City, FL 32025

Fee Simple Owner Name &amp; Address \_\_\_\_\_

Bonding Co. Name &amp; Address \_\_\_\_\_

Architect/Engineer Name & Address Mark Disosway P.O. Box 868, Lake City, FL 32056Mortgage Lenders Name & Address N/ACircle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress EnergyProperty ID Number 14-55-17-09236-101 Estimated Cost of Construction \$150,000.00Subdivision Name Timberland Estates Lot 3 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_Driving Directions Price Creek Road South, Turn right on Aldine Feagle - lot on NW corner.Number of Existing Dwellings on Property 0Construction of Custom Residential House Total Acreage 5 Lot Size 5 acresDo you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 20' 7 3/4"Actual Distance of Structure from Property Lines - Front 75 Side 100 Side 300 Rear 250Number of Stories 1 Heated Floor Area 2180.5 sq. ft. Total Floor Area 3192.8 sq. ft. Roof Pitch 7/12

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.

JW c/H/ Mary Ann 2.8.08



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

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

**NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:**

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

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

J.R. Dicks  
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.

Stanley Crawford  
Contractor's Signature (Permittee)

Contractor's License Number RG - 0042896  
Columbia County  
Competency Card Number 5627

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 29<sup>th</sup> day of January 2008.  
Personally known ☒ or Produced Identification \_\_\_\_\_

Janet L. Cheek  
State of Florida Notary Signature (For the Contractor)

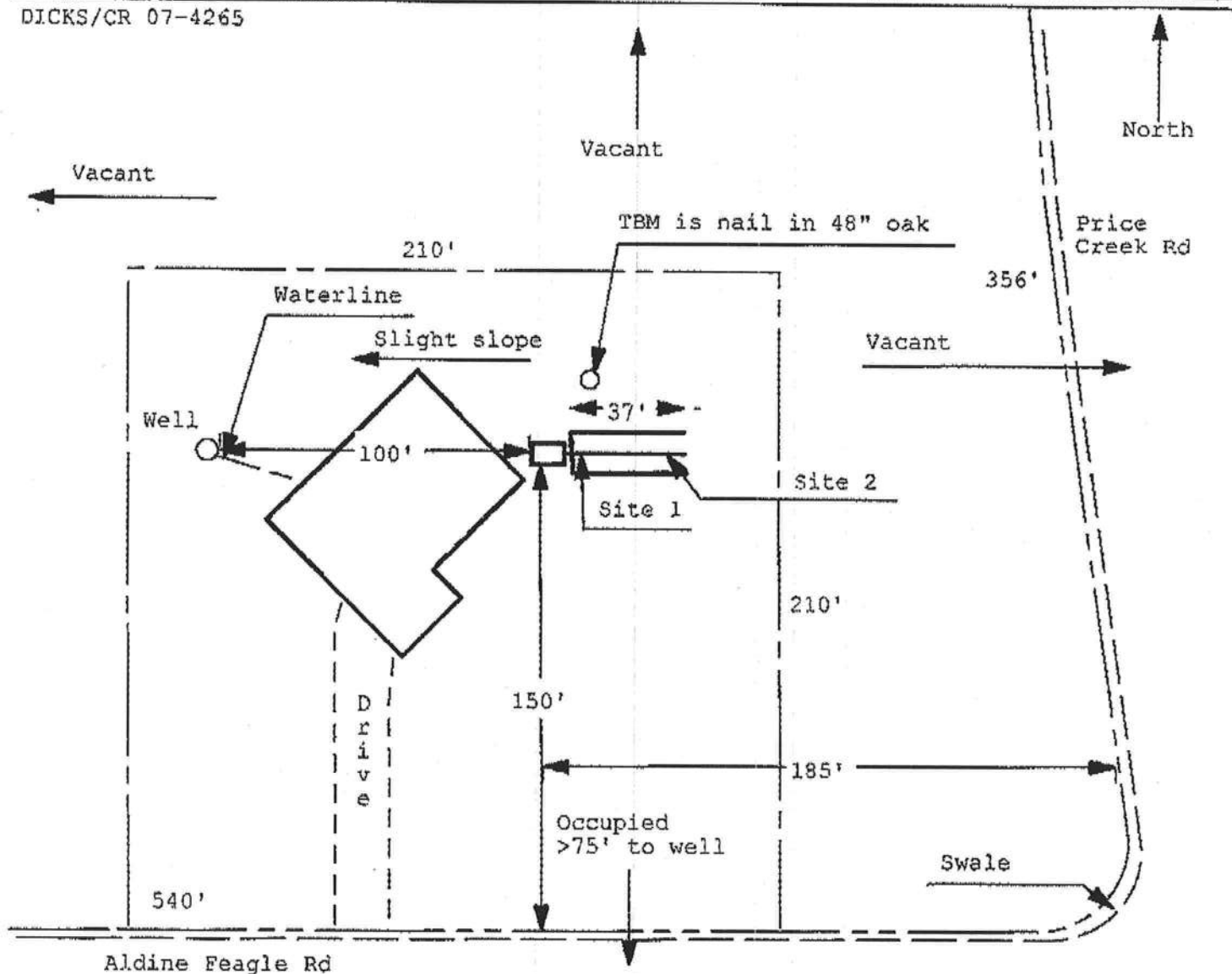
SEAL:



0801-143  
**Application for Onsite Sewage Disposal System  
 Construction Permit. Part II Site Plan**  
**Permit Application Number:** 08-0126

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

DICKS/CR 07-4265



1 inch = 50 feet

Site Plan Submitted By Paul D. Lopez Date 1/19/08  
 Plan Approved ☒ Not Approved ☐ Date 2-11-08

By MA Col-bic CPHU

Notes: \_\_\_\_\_



0801-143

**COLUMBIA COUNTY 9-1-1 ADDRESSING**

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

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

**Addressing Maintenance**

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

**DATE REQUESTED:** 1/30/2008 **DATE ISSUED:** 2/5/2008**ENHANCED 9-1-1 ADDRESS:**

1531 SE ALDINE FEAGLE

DR

LAKE CITY FL 32025

**PROPERTY APPRAISER PARCEL NUMBER:**

14-5S-17-09236-101

**Remarks:**

LOT 3 TIMBERLAND ESTATES S/D

**Address Issued By:**  
Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

1134

FEB 05 2008

911Addressing/GIS Dept

FORM 600A-2004R

EnergyGauge® 4.5

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

## Residential Whole Building Performance Method A

Project Name: **J.L. DICKS**  
 Address:  
 City, State:  
 Owner:  
 Climate Zone: **North**

Builder: **STANLEY CRAWFORD**  
 Permitting Office:  
 Permit Number:  
 Jurisdiction Number:

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft²)	2180 ft²	a. Electric Heat Pump	Cap: 41.0 kBtu/hr HSPF: 7.70
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a. (Dblc Default)	312.0 ft²	14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 50.0 gallons EF: 0.92
(or Clear or Tint DEFAULT) 7b. (Clear)	312.0 ft²	b. N/A	
8. Floor types		c. Conservation credits	
a. Slab-On-Grade Edge Insulation	R=0.0, 227.0(p) ft	(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1296.0 ft²		
b. Frame, Wood, Adjacent	R=13.0, 266.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2180.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 266.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 26442

Total base points: 27682

# PASS

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

PREPARED BY: **SUNCOAST INSULATORS**DATE: 1/21/08 **525 NW 253rd Terrace**

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

OWNER/AGENT: Stanley CrawfordDATE: 1/28/08

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: \_\_\_\_\_

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.



FORM 600A-2004R

EnergyGauge® 4.5

## Code Compliance Checklist

### Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
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%.	
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.	

FORM 600A-2004R

EnergyGauge® 4.5

# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
WATER HEATING				Tank	EF	Number of	X	Tank	X	Credit
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Multiplier	Multiplier
Bedrooms			Total							Total
3		2635.00	7905.0	50.0	0.92	3		1.00	2635.00	7905.0
				As-Built Total:						7905.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Cooling	+	Heating	=
Points		Points		Points	Total	Points		Points	Total
Points		Points		Points	Points	Points		Points	Points
8963		10814		7905	27682	8397		10140	26442

PASS





FORM 600A-2004R

EnergyGauge® 4.5

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT				
Winter Base Points:		19520.7	Winter As-Built Points:				19701.0
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier = Heating Points
19520.7	0.5540	10814.5	(sys 1: Electric Heat Pump 41000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R8.0 19701.0 1.000 (1.089 x 1.169 x 0.93) 0.443 1.000 10139.7 19701.0 1.00 1.162 0.443 1.000 10139.7				

FORM 600A-2004R

EnergyGauge® 4.5

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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 = Point				
.18	2180.0	20.17	7915.0	1.Double, Clear	N	2.0	6.0	52.0	24.58	1.00	1284.0
				2.Double, Clear	E	2.0	6.0	88.0	18.79	1.06	1753.0
				3.Double, Clear	S	2.0	6.0	48.0	13.30	1.26	803.0
				4.Double, Clear	W	2.0	6.0	124.0	20.73	1.04	2680.0
				As-Built Total:				312.0	6520.0		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	266.0	3.60	957.6	1. Frame, Wood, Exterior	13.0		1296.0	3.40	4406.4		
Exterior	1296.0	3.70	4795.2	2. Frame, Wood, Adjacent	13.0		266.0	3.30	877.8		
Base Total: 1862.0 6762.8				As-Built Total:				1562.0	5284.2		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	18.0	11.50	207.0	1.Exterior Insulated			36.0	8.40	302.4		
Exterior	36.0	12.30	442.8	2.Adjacent Insulated			18.0	8.00	144.0		
Base Total: 54.0 649.8				As-Built Total:				54.0	446.4		
CEILING TYPESArea X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2180.0	2.05	4469.0	1. Under Attic	30.0		2180.0	2.05 X 1.00	4469.0		
Base Total: 2180.0 4469.0				As-Built Total:				2180.0	4469.0		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	227.0(p)	8.9	2020.3	1. Slab-On-Grade Edge Insulation	0.0		227.0(p)	18.80	4267.6		
Raised	0.0	0.00	0.0								
Base Total: 2020.3				As-Built Total:				227.0	4267.6		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
2180.0 -0.59 -1286.2				2180.0 -0.59 -1286.2							



FORM 600A-2004R

EnergyGauge® 4.5

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT					
<b>Summer Base Points: 27577.4</b>			<b>Summer As-Built Points: 28386.8</b>					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 42000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			28387	1.00	(1.09 x 1.147 x 0.91)	0.260	1.000	8396.9
<b>27577.4</b>	<b>0.3250</b>	<b>8962.7</b>	<b>28386.8</b>	<b>1.00</b>	<b>1.138</b>	<b>0.260</b>	<b>1.000</b>	<b>8396.9</b>

FORM 600A-2004R

EnergyGauge® 4.5

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SOF = Points			
.18	2180.0	18.69	7295.0	1.Double, Clear	N	2.0	6.0	52.0	19.20	0.90	898.0
				2.Double, Clear	E	2.0	6.0	88.0	42.06	0.85	3139.0
				3.Double, Clear	S	2.0	6.0	48.0	35.87	0.78	1336.0
				4.Double, Clear	W	2.0	6.0	124.0	38.52	0.85	4057.0
				As-Built Total:			312.0			9430.0	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	266.0	0.70	186.2	1. Frame, Wood, Exterior		13.0	1296.0	1.50	1944.0		
Exterior	1296.0	1.70	2203.2	2. Frame, Wood, Adjacent		13.0	266.0	0.60	159.6		
Base Total:		1562.0	2389.4	As-Built Total:			1562.0			2103.6	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	18.0	2.40	43.2	1.Exterior Insulated			36.0	4.10	147.6		
Exterior	36.0	6.10	219.6	2.Adjacent Insulated			18.0	1.60	28.8		
Base Total:		54.0	262.8	As-Built Total:			54.0			176.4	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	2180.0	1.73	3771.4	1. Under Attic		30.0	2180.0	1.73 X 1.00	3771.4		
Base Total:		2180.0	3771.4	As-Built Total:			2180.0			3771.4	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	227.0(p)	-37.0	-8399.0	1. Slab-On-Grade Edge Insulation		0.0	227.0(p)	-41.20	-9352.4		
Raised	0.0	0.00	0.0								
Base Total:			-8399.0	As-Built Total:			227.0			-9352.4	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
		2180.0	10.21					2180.0		10.21	22257.8



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 85.5**

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	2180 ft <sup>2</sup>		
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 41.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 312.0 ft <sup>2</sup>		HSPF: 7.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 312.0 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 227.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A		b. N/A	EF: 0.92
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=13.0, 1296.0 ft <sup>2</sup>	DHP-Dedicated heat pump)	
b. Frame, Wood, Adjacent	R=13.0, 266.0 ft <sup>2</sup>	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 2180.0 ft <sup>2</sup>	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Uno. AH: Interior	Sup. R=6.0, 266.0 ft		
b. N/A			

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

Builder Signature: Stanley C. C. C.

Date: 1/29/08

Address of New Home: \_\_\_\_\_

City/FL Zip: \_\_\_\_\_



\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
EnergyGauge® (Version: FLRCSB v4.5)

**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000001553**

DATE 02/11/2008 PARCEL ID # 14-5S-17-09236-101

APPLICANT MARY ANN CRAWFORD

PHONE 752-5152

ADDRESS 853 SW SISTERS WELCOME RD LAKE CITY FL 32025

OWNER JOSEPH L. DICKS

PHONE 397-3258

ADDRESS 1531 SE ALDINE FEAGLE DR LAKE CITY FL 32025

CONTRACTOR STANLEY CRAWFORD

PHONE 752-5152

LOCATION OF PROPERTY PRICE CREEK ROAD, RIGHT ON ALDINE FEAGLE ROAD, FIRST LOT

ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TIMBERLAND ESTATES

3

SIGNATURE

*Mary Ann Crawford*

**INSTALLATION REQUIREMENTS**

☒ X

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALLATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

**Amount Paid 25.00**





THIS INSTRUMENT PREPARED BY  
AND RETURN TO:  
TITLE OFFICES, LLC  
343 NW COLE TERRACE, #101  
LAKE CITY, FLORIDA 32055

Parcel I.D. #: 09236-101

Inst: 200812004799 Date: 3/11/2008 Time: 2:14 PM  
JZ DC, P. DeWitt Cason, Columbia County Page 1 of 1

SPACE ABOVE THIS LINE FOR PROCESSING DATA

### NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)  
**TBD SE ALDINE FEAGLE DRIVE, LAKE CITY, FLORIDA 32025**  
Lots 3 and 4, **TIMBERLAND ESTATES**, according to the map or plat thereof as recorded in Plat Book 7, Page 14, of the Public Records of Columbia County, Florida.
2. General description of improvement: **construction of single family dwelling**
3. Owner information:
  - a. Name and address: **JOSEPH L. DICKS**  
**P.O. BOX 518, FORT WHITE, FLORIDA 32038**
  - b. Interest in property: **Fee Simple**
  - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor: (Name and Address) **STANLEY CRAWFORD CONSTRUCTION, INC.**  
**853 SW SISTERS WELCOME ROAD, LAKE CITY, FLORIDA 32025**  
Telephone Number: **(386) 752-5152**
5. Lender: (Name and Address)  
**FIRST FEDERAL SAVINGS BANK OF FLORIDA**  
**4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056**  
Telephone Number: **755-0600**
6. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: (Name and Address)  
**N/A**
7. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address) **PAULA HACKER**  
**FIRST FEDERAL SAVINGS BANK OF FLORIDA**  
**4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056**  
Telephone Number: **755-0600**
8. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) \_\_\_\_\_.

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

Signature of Owner(s) or Owner's Authorized Officer/Director/Partner/Manager:

 (SEAL)  
**JOSEPH L. DICKS**

\_\_\_\_\_(SEAL)

The foregoing instrument was acknowledged before me this 10th day of March, 2008, by **JOSEPH L. DICKS**, who is personally known to me or who has produced

Notary Public  
My Commission Expires:

  
Martha Bryan



Driver's License

as identification.

26734

# 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: 1TEE8228Z0123111352

Truss Fabricator: Anderson Truss Company  
Job Identification: 8-026--Stanley Crawford Construc J.L. Dicks -- , \*\*  
Truss Count: 51  
Model Code: Florida Building Code 2004 and 2006 Supplement  
Truss Criteria: ANSI/TPI-2002(STD)/FBC  
Engineering Software: Alpine Software, Versions 7.36, 7.38, 7.24.  
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 - 32.0 PSF @ 1.25 Duration  
Floor - N/A  
Wind - 110 MPH ASCE 7-02 -Closed

## Notes:

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

Details: BRCLBSUB-A11015EE-GBLLETIN-MAX DEAD LOAD-PIGBACKA-PIGBACKB-

Seal Date: 01/23/2008

-Truss Design Engineer-  
Doug Fleming

Florida License Number: 66648  
1950 Marley Drive  
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	40871--AS1		08023008	01/23/08
2	40872--AS2		08023007	01/23/08
3	40873--AS3		08023006	01/23/08
4	40874--AS4		08023005	01/23/08
5	40875--AS5		08023004	01/23/08
6	40876--HT7A		08023010	01/23/08
7	40877--HT9A		08023013	01/23/08
8	40878--HT11A		08023017	01/23/08
9	40879--HT13A		08023015	01/23/08
10	40880--HT15A		08023016	01/23/08
11	40881--H17A		08023003	01/23/08
12	40882--AV1		08023001	01/23/08
13	40883--AV2		08023029	01/23/08
14	40884--AV3		08023032	01/23/08
15	40885--AV4		08023034	01/23/08
16	40886--AV5		08023024	01/23/08
17	40887--AV6		08023035	01/23/08
18	40888--A1		08023003	01/23/08
19	40889--HM7B		08023038	01/23/08
20	40890--HM9B		08023039	01/23/08
21	40891--HM11B		08023040	01/23/08
22	40892--H13B		08023041	01/23/08
23	40893--H15B		08023002	01/23/08
24	40894--H1605B		08023033	01/23/08
25	40895--CGE		08023012	01/23/08
26	40896--C		08023020	01/23/08
27	40897--C1		08023028	01/23/08
28	40898--CG		08023002	01/23/08
29	40899--DGE		08023004	01/23/08
30	40900--D		08023009	01/23/08
31	40901--DSG		08023011	01/23/08
32	40902--EGE		08023005	01/23/08
33	40903--FGE		08023001	01/23/08
34	40904--HJ7		08023006	01/23/08
35	40905--EJ7		08023010	01/23/08
36	40906--EJ7T		08023021	01/23/08

#	Ref	Description	Drawing#	Date
37	40907--EJ7T1		08023019	01/23/08
38	40908--EJ7T2		08023022	01/23/08
39	40909--J5		08023007	01/23/08
40	40910--J3		08023008	01/23/08
41	40911--J1		08023009	01/23/08
42	40912--M		08023027	01/23/08
43	40913--M1		08023031	01/23/08
44	40914--M2		08023030	01/23/08
45	40915--M3		08023025	01/23/08
46	40916--M4		08023018	01/23/08
47	40917--MGE		08023023	01/23/08
48	40918--AP1		08023014	01/23/08
49	40919--AP2		08023026	01/23/08
50	40920--AP3		08023036	01/23/08
51	40921--AP4		08023037	01/23/08







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

Roof overhang supports 2.00 psf soffit load.

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

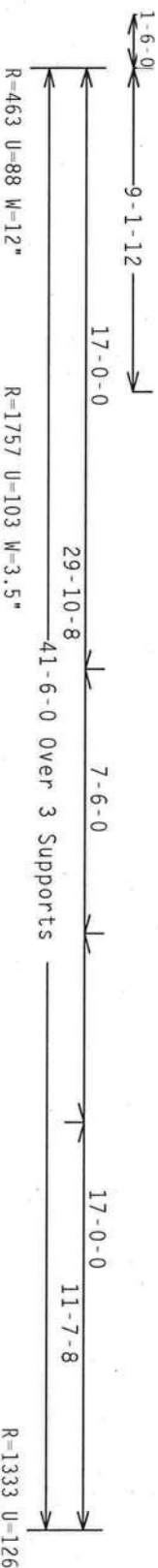
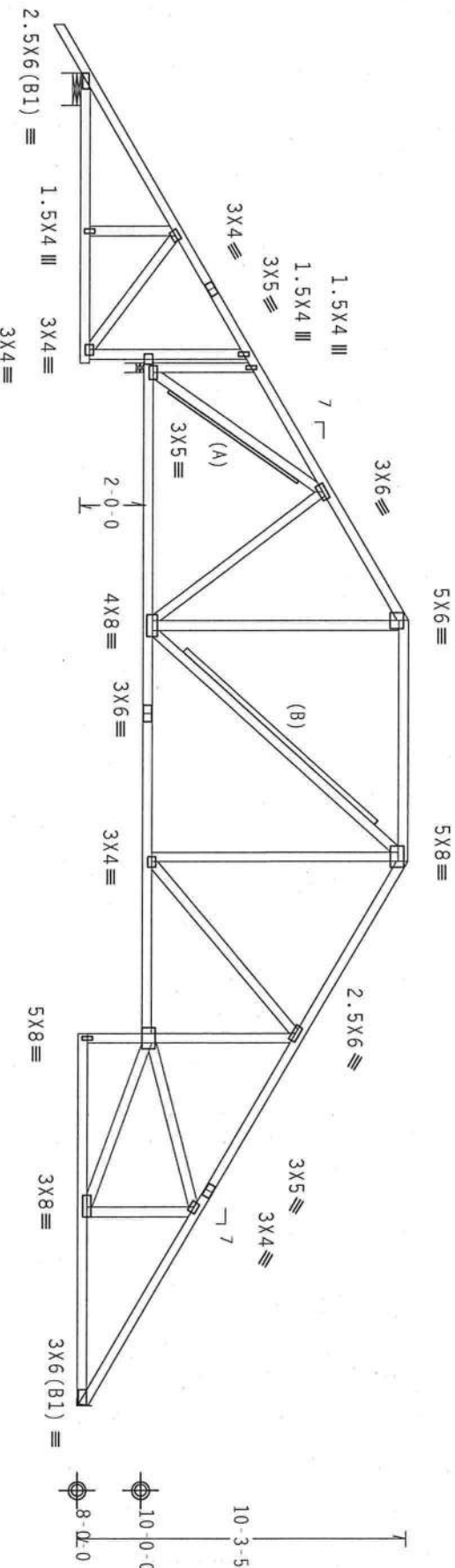
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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. Iw=1.00 Gcpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

(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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

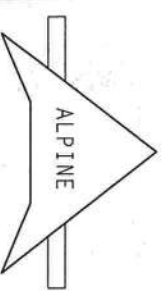
QTY:1 FL/-/4/-/R/-

Scale = .1875"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 110 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. 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 AIA (NATIONAL DESIGN SPEC. BY AIA/ASCE) AND TPI. ITW BCG CORP. FOR EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRACKETS 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. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0370



TC LL	20.0 PSF	REF	R8228 - 40871
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCSR8228 08023008
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT. LD.	40.0 PSF	SEQN-	28072
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01



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

(A) Continuous lateral bracing equally spaced on member.

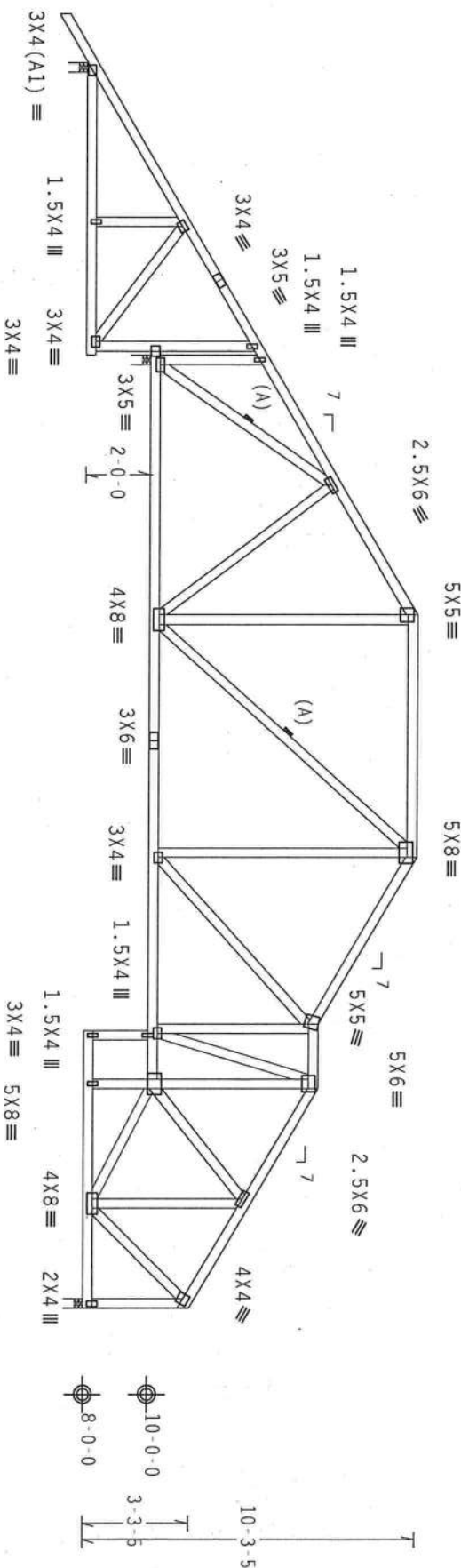
Deflection meets  $L/240$  live and  $L/180$  total load. Creep increase factor for dead load is 1.50.

See detail BCFILLER0207 for bottom chord (BC) filler detail.  
Laterally brace BC above filler @ 24" O.C. (or as designed)  
Including a brace on BC directly above both ends of filler (if  
no rigid diaphragm exists at that point).

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf 1w=1.00 gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave

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

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

7.36.042

QTY:1

FL/-14/-1/-1R/-

Scale = .1875" / Ft.

**\*WARNING\***—FIRMS PROVIDING EXISTING CASE IN INFORMATION, MANU-  
FACTURING, SHIPPING, INSTALLING AND PACKAGING  
REFER TO GC#1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE CROSS PAPER INSTITUTE, 218  
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 OR FAX (703) 690-0000 TRUSS CONSULT OF AMERICA, 65000  
ENTERPRISE LANE, MOUNTAIN VIEW, TX 75759 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS  
OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE  
PROPERLY ATTACHED RIGID CEILING.

ALPINE

**ITW Building Components Group, Inc.**

Haines City, FL 33844  
FL Certificate of Authorization # 0079



23.08

TC LL	20.0 PSF	REF	R8228 - 40872
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCSUR8228 08023007
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	28065
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1TEF8228201

JREF - 1TEE8228Z01

THE UNIVERSITY OF CHICAGO LIBRARY

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.

Right end vertical not exposed to wind pressure.



7.36.0424.115 E1 QTY:1 FL/-/4/-/-/R/- Scale = .1875"/Ft.

DA 10.0 PSI IC DL No 66648

BC LL	0.0 PSF	HC
		

SPACING 24.0" JRR



SPACING 24.0" JREF- 1TEE8228Z01

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.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

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

7.36.042

QTY:1

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

Scale = .1875"/Ft.

No. 66648

TC LL	20.0 PSF	REF R8228 - 40874
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUR8228 08023005
BC LL	0.0 PSF	HC-ENG DAL/DF

DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201



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.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1

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

Scale = .1875"/Ft.

**WARNING:** THESE BUILDING COMPONENTS ARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRESS PASTE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 (800) TRUSS CENTER OF AMERICA, 65000 INDUSTRIAL ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES AND PRELIM FOR PERFORMING THESE FUNCTIONS. UNDESIGNED, MODIFIED, OR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED SIDED CEILING.

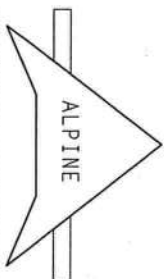
**\*\*IMPORTANT\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT**

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. 1TH BCG

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY C11 SHALL BE RE-AMNEY A1 OF T011-0000 ETC 3

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 USER.

Order	Customer	Product	Quantity	Unit Price	Total Price
1	John Doe	Widget A	10	\$1.50	\$15.00
2	Jane Smith	Widget B	5	\$2.00	\$10.00
3	Bob Johnson	Widget A	20	\$1.50	\$30.00
4	Alice Brown	Widget C	15	\$1.00	\$15.00
5	Charlie Davis	Widget B	10	\$2.00	\$20.00
6	Eve Wilson	Widget A	30	\$1.50	\$45.00
7	Frank Miller	Widget C	25	\$1.00	\$25.00
8	Grace Lee	Widget B	12	\$2.00	\$24.00
9	Henry King	Widget A	18	\$1.50	\$27.00
10	Ivy White	Widget C	8	\$1.00	\$8.00
11	Jack Black	Widget B	7	\$2.00	\$14.00
12	Karen Green	Widget A	22	\$1.50	\$33.00
13	Leo Brown	Widget C	11	\$1.00	\$11.00
14	Mia White	Widget B	9	\$2.00	\$18.00
15	Noah Black	Widget A	14	\$1.50	\$21.00
16	Olivia Green	Widget C	16	\$1.00	\$16.00
17	Peter White	Widget B	6	\$2.00	\$12.00
18	Quinn Black	Widget A	19	\$1.50	\$28.50
19	Rachel Green	Widget C	13	\$1.00	\$13.00
20	Sam White	Widget B	11	\$2.00	\$22.00
21	Tina Black	Widget A	17	\$1.50	\$25.50
22	Uma Green	Widget C	9	\$1.00	\$9.00
23	Victor White	Widget B	8	\$2.00	\$16.00
24	Wendy Black	Widget A	21	\$1.50	\$31.50
25	Xavier Green	Widget C	14	\$1.00	\$14.00
26	Yara White	Widget B	10	\$2.00	\$20.00
27	Zoe Black	Widget A	16	\$1.50	\$24.00
28	Adam Green	Widget C	12	\$1.00	\$12.00
29	Ella White	Widget B	7	\$2.00	\$14.00
30	Felix Black	Widget A	13	\$1.50	\$19.50
31	Gina Green	Widget C	10	\$1.00	\$10.00
32	Harry White	Widget B	6	\$2.00	\$12.00
33	Iris Black	Widget A	18	\$1.50	\$27.00
34	Jack Green	Widget C	15	\$1.00	\$15.00
35	Karen White	Widget B	9	\$2.00	\$18.00
36	Leo Black	Widget A	20	\$1.50	\$30.00
37	Mia Green	Widget C	11	\$1.00	\$11.00
38	Noah White	Widget B	8	\$2.00	\$16.00
39	Olivia Black	Widget A	14	\$1.50	\$21.00
40	Peter Green	Widget C	17	\$1.00	\$17.00
41	Quinn White	Widget B	5	\$2.00	\$10.00
42	Rachel Black	Widget A	19	\$1.50	\$28.50
43	Sam Green	Widget C	13	\$1.00	\$13.00
44	Tina White	Widget B	7	\$2.00	\$14.00
45	Uma Black	Widget A	16	\$1.50	\$24.00
46	Victor Green	Widget C	10	\$1.00	\$10.00
47	Wendy White	Widget B	6	\$2.00	\$12.00
48	Xavier Black	Widget A	22	\$1.50	\$33.00
49	Yara Green	Widget C	14	\$1.00	\$14.00
50	Zoe White	Widget B	9	\$2.00	\$18.00
51	Adam Black	Widget A	17	\$1.50	\$25.50
52	Ella Green	Widget C	11	\$1.00	\$11.00
53	Felix White	Widget B	8	\$2.00	\$16.00
54	Gina Black	Widget A	15	\$1.50	\$22.50
55	Harry Green	Widget C	12	\$1.00	\$12.00
56	Iris White	Widget B	7	\$2.00	\$14.00
57	Jack Black	Widget A	18	\$1.50	\$27.00
58	Karen Green	Widget C	16	\$1.00	\$16.00
59	Leo White	Widget B	10	\$2.00	\$20.00
60	Mia Black	Widget A	14	\$1.50	\$21.00
61	Noah Green	Widget C	9	\$1.00	\$9.00
62	Olivia White	Widget B	6	\$2.00	\$12.00
63	Peter Black	Widget A	21	\$1.50	\$31.50
64	Quinn Green	Widget C	13	\$1.00	\$13.00
65	Rachel White	Widget B	8	\$2.00	\$16.00
66	Sam Black	Widget A	19	\$1.50	\$28.50
67	Tina Green	Widget C	15	\$1.00	\$15.00
68	Uma White	Widget B			



**ITW Building Components Group, Inc.**  
11000 Old Orchard Road, Suite 200  
Chicago, IL 60634

FL Certificate of Authorization # A 278



TC LL	20.0 PSF	REF	R8228 - 40875
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023004
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	28041
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1TEE8228Z01

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #1 Dense:  
Bot chord 2x6 SP #1 Dense :B1 2x8 SP SS:  
B2 2x8 SP #1 Dense:  
Webs 2x4 SP #3 :W2, W5, W9 2x4 SP #2 Dense:

Wind reactions based on MFERS 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.

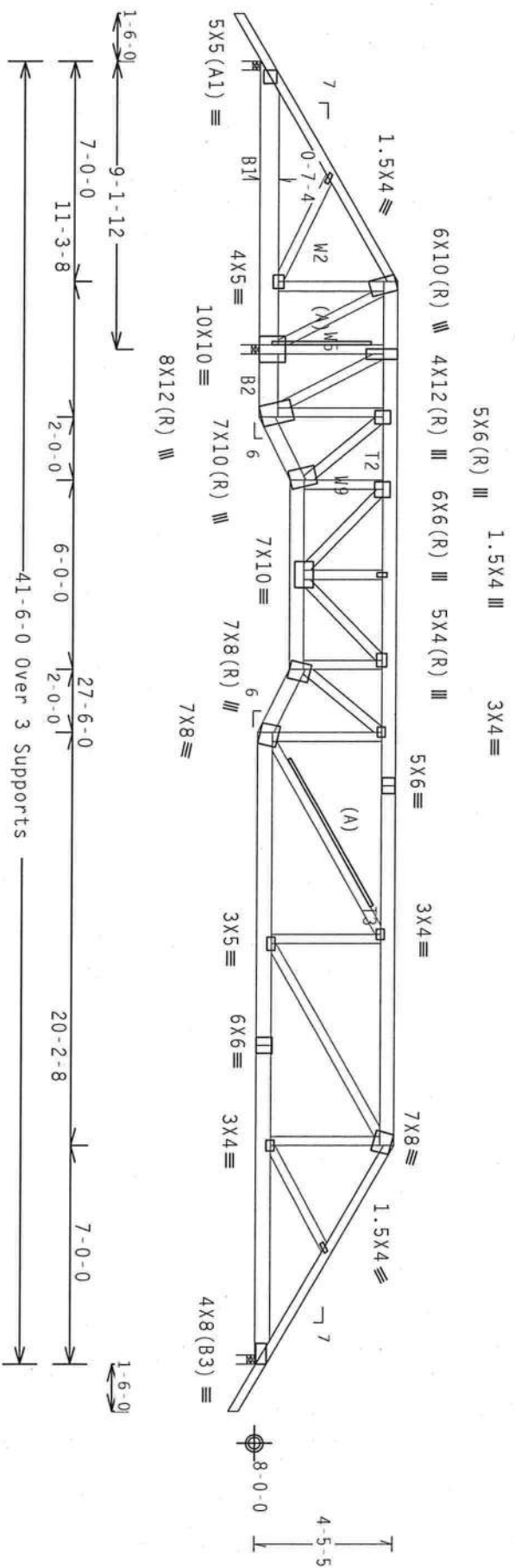
#1 hip supports 7'-0" jacks W/2 panel TC and no end vert.

\*\* Negative reaction(s) of -880# MAX. (See below) from a non-wind load case requires uplift connection.

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

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

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



\*\* R=881 Rw=54 W=3.5"

R=5733 U=460 W=3.5"

R=2348 U=205 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .1875"/ft.

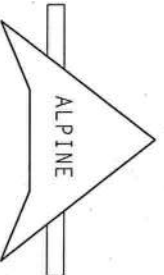
\*\*WARNING\*\* THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL ASSOCIATION OF BUILDING OFFICIALS, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING 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 THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-1. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/1664 (94 H/55 R) ASTM A653 GRADE 40/40 (K, H, 55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, JOINTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

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



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0-079



TC LL	20.0 PSF	REF	R8228- 40876
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023010
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEON-	1066 REV
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	ITEE8228201

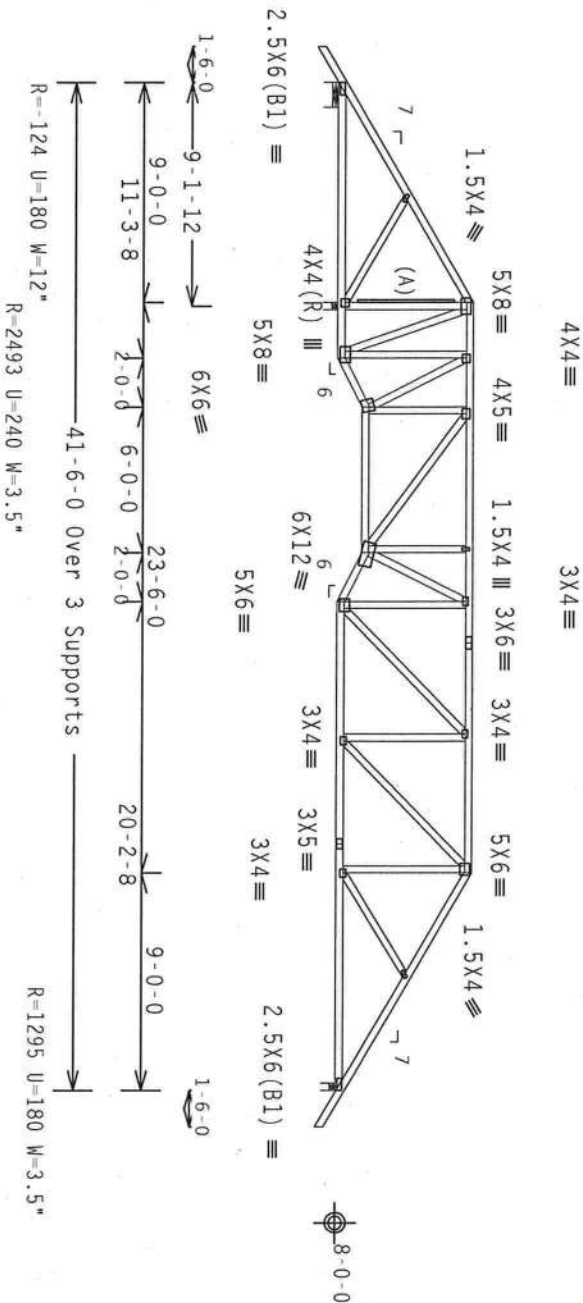
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

Wind reactions based on MMFRS pressures.

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

(A) 1x4 SP #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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .125"/ft.

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

ALPINE

ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization # 0778



TC LL	20.0 PSF	REF	R8228- 40877
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023013
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT. LD.	40.0 PSF	SEQN-	129463
DUR. FAC.	1.25		
SPACING	24.0"	UREF-	1TEE8228201



מחלקת המחקר והפיתוח, משרד החינוך, תל אביב, ישראל

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 TD DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 Gcpi(+/-)=0.18

(A) 1x4 SP #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.



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


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

7.24.1

QTY:1

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

Scale = .125" / Ft.


 No. 66648  
 LICENSE

**\*\*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, MEMBER COMPOSED WITH TWO TO FOUR CHORDS OF AN ANGULAR SECTION OR

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI. ITW BCG

CONNECTOR PLATES ARE MADE OF 20/10/16GA (M. H/SS/K) ASTM A653 GRADE 40/60 (M. K/H.SS) GALV. STEEL. APPLY

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

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT  
AND INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF IP11-2002 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 DESIGNER.

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.

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



SPACING 24.0

T078778731T - JEPD



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

Roof overhang supports 2.00 psf soffit load.

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

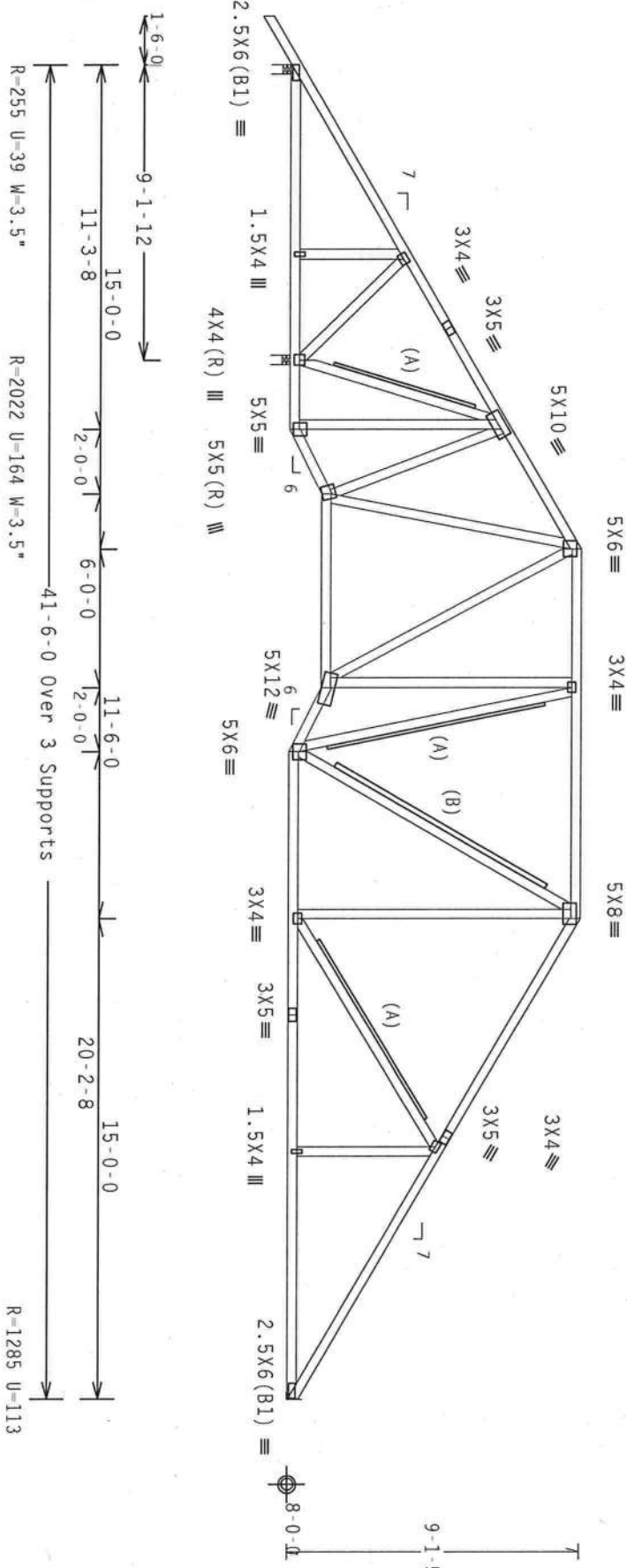
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

Wind reactions based on MMFRS pressures.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

QTY: 1

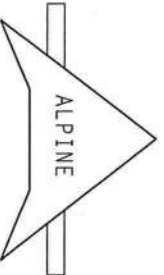
FL/-/4/-/R/-

Scale = .1875"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSI (ROLLING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WICKI 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\*\*** 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 TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/RS) ASTM A653 GRADE 40/50 (CL, R/H/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY SHIPMENT. THE BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPANY'S DRAWING, INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #A-370



TC LL	20.0 PSF	REF	R8228- 40880
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023016
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT. LD.	40.0 PSF	SEON-	129514
DUR. FAC.	1.25		
SPACING	24.0"	UREF-	1TEE8228201



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 GCpl(+/-)=0.18

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 or rigid ceiling use purllins to brace TC @ 24" OC, BC @ 24" OC.



Scale = .1875"/Ft.

4.1238  
DOUGLAS FLEMING  
LICENSE  
No. 66648  
QTY

**\*\*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

**\* IMPORTANT \*** OBTAIN 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 COMPLIANCE WITH THE TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONSIDERATIONS WITH AVAILABLE PROTECTORS & RODS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. THE BCG, INC. HAS CONDUCTED ANALYSIS ON ALL TYPES OF TRUSSES USING 60,000 PSI YIELD STRENGTH STEEL. APPLY THESE RESULTS TO EACH TYPE OF TRUSS AND MAKE CORRECTIONS AS NECESSARY. POSTION OF GUSSET PLATES TO EACH FACE OF TRUSS AND THEIR SPACING ARE INDICATED ON THIS DRAWING. PLACE A SEAL ON THIS DRAWING. AN INSPECTION OF PLATES FOLLOWED BY A CHL SHALL BE PERFORMED AS OF TPI-1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENTRY 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- 40881
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCSUR8228 0802300
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	129525
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

JREF - 1TEE8228Z01

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

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.

Calculated vertical deflection is 0.55" due to live load and 0.88" due to dead load at  $X = 14-0-4$ .



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

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

7.36.042

QTY:1

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

Scale = .1875"/Ft.

**WARNING:** THESE RIGIDURE COMPONENTS, WHEN IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO MCS1 (RIGIDURE COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PAPER INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WILCO (WOOD TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MOUNTAIN, UT 84050, W 53719) FOR SAFETY PRACTICES AND MEANS TO PERFORMING THESE FUNCTIONS. INTERSESS DESIGNATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID RIGID 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 TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

## 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.

Right end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.20" due to live load and 0.32" due to dead load.

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

## 2 COMPLETE TRUSSES REQUIRED

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

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

Webs : 1 Row @ 4" o.c.

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



TC LL	20.0 PSF	REF	R8228 - 40882
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023001
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN-	71729
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf 1W=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.



Scale = .1875"/Ft.

DOUBLE  
LICENSE  
No. 66648

REF	R8228 - 40883
DATE	01/23/08

**\*\*IMPORTANT\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL

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IF-1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF MISSILES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS DEMAND NATIONAL DESIGN ENG. BY AGENT AND FOR

[illegible]

**THE UNIVERSITY OF CHICAGO**

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

0.04 40.0  
101.50

SEQUIN-10104

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

DUR.-FAC. 1.25

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2,

SPACING 24 0

1BEE-1TFFQ22

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DUR.FAC. 1.25  
SPACING 24.0"

EF - 1TEE8228Z01



THE UNIVERSITY OF CHICAGO PRESS

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Scale = .1875" / Ft.



4.12.2017  
QTY

NO. 66648  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
DOUGLAS FLEMING  
LICENSE

TC LL	20.0 PSF	REF	R8228 - 40884
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCU8R8228 08023032
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	16147
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

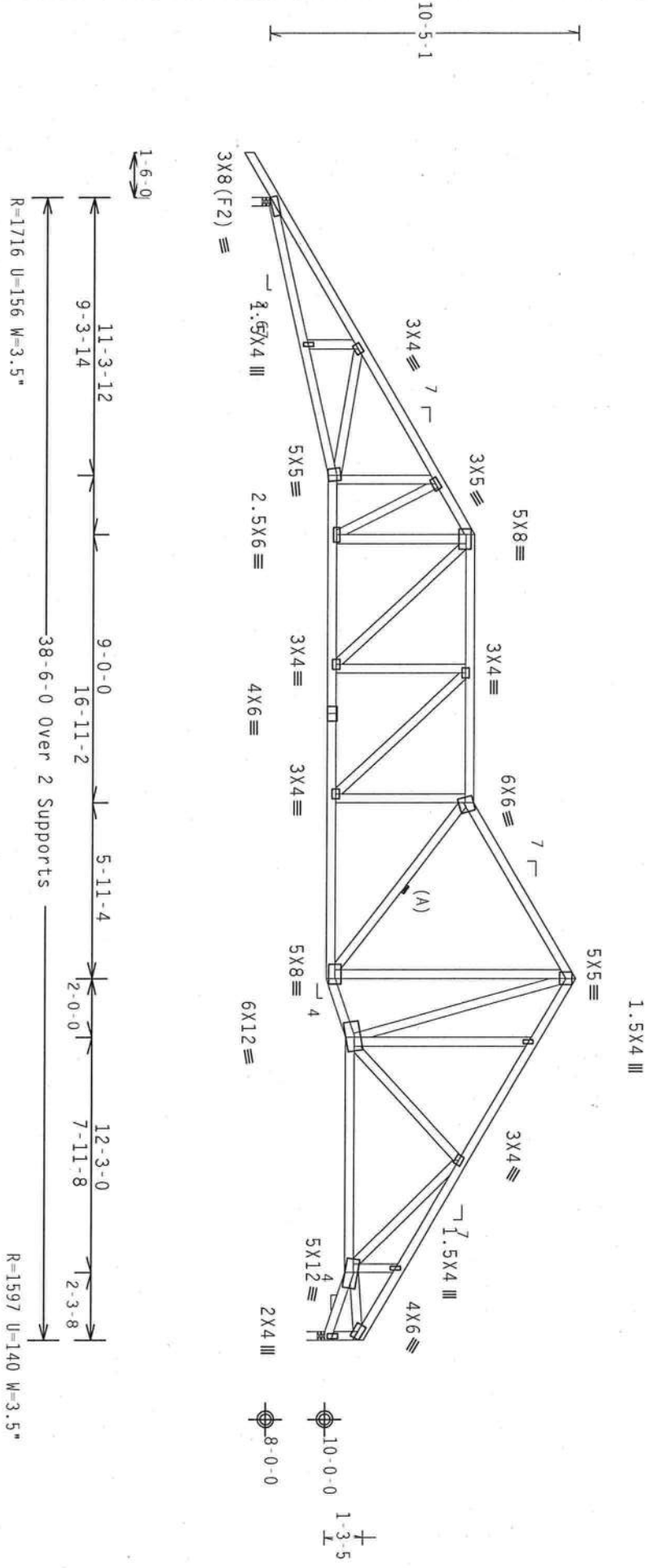
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.13" due to live load and 0.21" due to dead load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCPI(+/-)=0.18  
Wind reactions based on MMFRS pressures.  
(A) Continuous lateral bracing equally spaced on member.  
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



PLT TYP. Wave

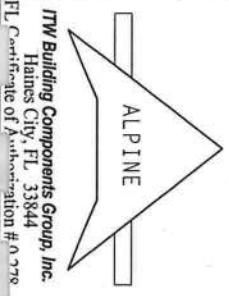
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .1875"/ft.

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



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0-778

TC LL	20.0 PSF	REF	R8228- 40885
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023034
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEON-	16148
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	1TEF8228201

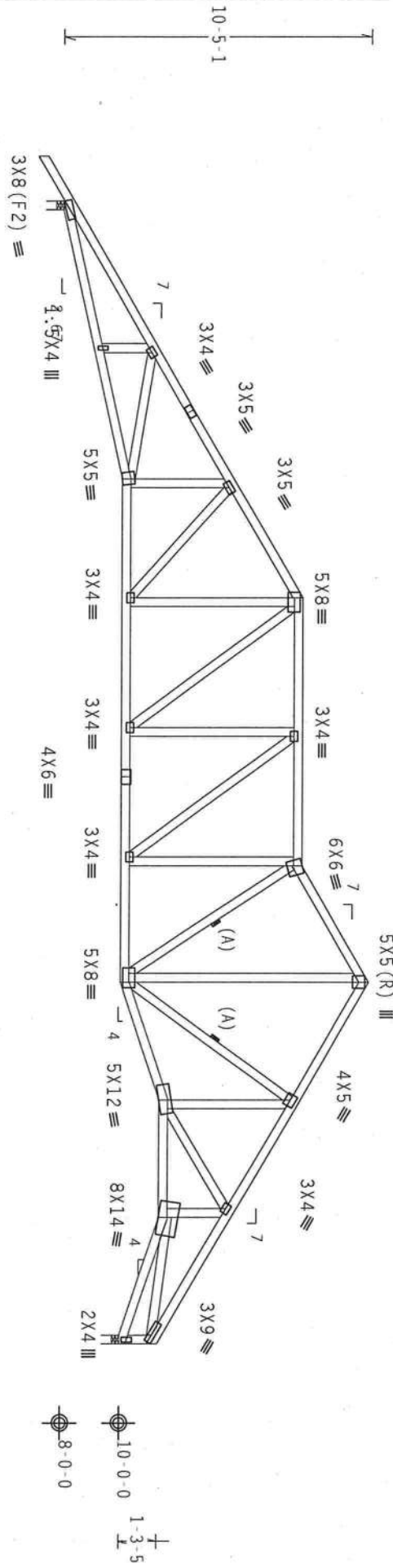
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.15" due to live load and 0.24" due to dead load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 gcpl(+/-)=0.18  
Wind reactions based on MMFRS pressures.  
(A) Continuous lateral bracing equally spaced on member.  
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



1-6-0  
9-3-14 13-3-12 9-0-0 16-11-2 1-3-11-4 4-0-0 12-3-0 3-11-8 4-3-8  
38-6-0 over 2 Supports  
R=1716 U=155 W=3.5"  
R=1597 U=138 W=3.5"

PLT TYP. Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0) 7.24.1238

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PROVIDED BY TPI TRUSS PLATE MANUFACTURER, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 5300 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 & BRACING OF TRUSSES. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITW BCG DESIGN COMPLIES WITH 2010/1604 (40/15/75) ASHRAE 62.1-2010, 62.2-2010, 62.3-2010, 62.4-2010, 62.5-2010, 62.6-2010, 62.7-2010, 62.8-2010, 62.9-2010, 63-2010, 64-2010, 65-2010, 66-2010, 67-2010, 68-2010, 69-2010, 70-2010, 71-2010, 72-2010, 73-2010, 74-2010, 75-2010, 76-2010, 77-2010, 78-2010, 79-2010, 80-2010, 81-2010, 82-2010, 83-2010, 84-2010, 85-2010, 86-2010, 87-2010, 88-2010, 89-2010, 90-2010, 91-2010, 92-2010, 93-2010, 94-2010, 95-2010, 96-2010, 97-2010, 98-2010, 99-2010, 100-2010, 101-2010, 102-2010, 103-2010, 104-2010, 105-2010, 106-2010, 107-2010, 108-2010, 109-2010, 110-2010, 111-2010, 112-2010, 113-2010, 114-2010, 115-2010, 116-2010, 117-2010, 118-2010, 119-2010, 120-2010, 121-2010, 122-2010, 123-2010, 124-2010, 125-2010, 126-2010, 127-2010, 128-2010, 129-2010, 130-2010, 131-2010, 132-2010, 133-2010, 134-2010, 135-2010, 136-2010, 137-2010, 138-2010, 139-2010, 140-2010, 141-2010, 142-2010, 143-2010, 144-2010, 145-2010, 146-2010, 147-2010, 148-2010, 149-2010, 150-2010, 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QTY:1 FL/-/4/-/-/R/- Scale = .1875"/Ft.

ALPINE

ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #00370

DOUBLE FLEMING  
LICENSE  
No. 66648  
FLORIDA  
PROFESSIONAL ENGINEER

23 '08

TC LL	20.0 PSF	REF	R8228 - 40886
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HGUSR8228 08023024
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEON-	129623
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1TEE8228201



1944 THE NATIONAL ACADEMY OF SCIENCES (LUMAS & ULMENSTADT) SUBMITTED TO THE NATIONAL ACADEMY OF SCIENCES.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 Gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Scale = .1875"/Ft.

DOUGLAS  
LICENSE  
No. 66648




















STATE OF



20

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.

23

TC LL	20.0 PSF	REF	R8228- 40887
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCSR8228 08023035
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEON-	129617
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

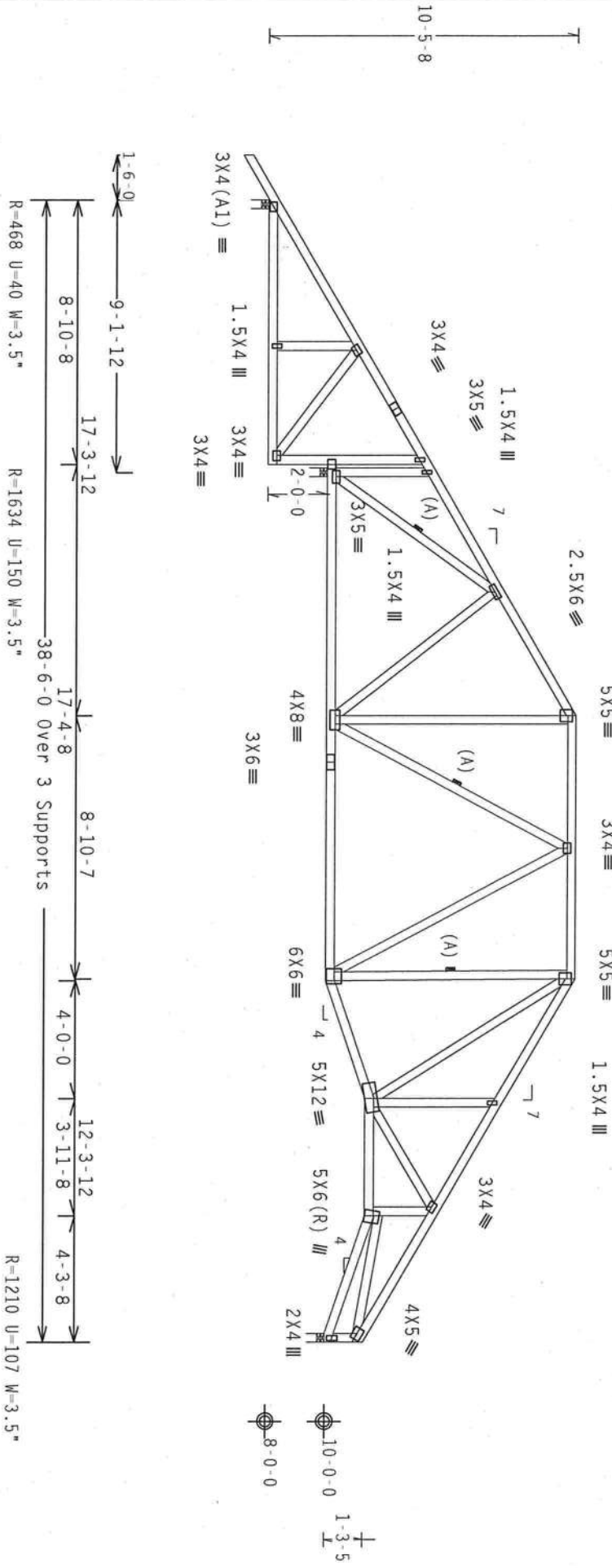
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

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, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)-0.18  
Wind reactions based on MWFRS pressures.  
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.  
Shim all supports to solid bearing.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

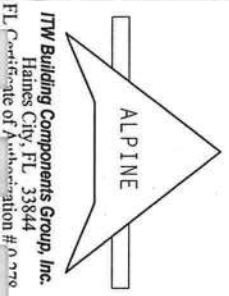
Scale = .1875"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR THE FOLLOWING: 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\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF 2003 NATIONAL DESIGN SPEC. BY ACPA AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/1604 (40/50/50) ASTM A503 GRADE 40/50 (4, 6/10, 55) GALV. STEEL. APPLY ANY INSPECTION OF PLATE TRUSS AND, UNLESS OTHERWISE 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.

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



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #00070



TC LL	20.0 PSF	REF R8228 - 40888
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUR8228 08023003
BC LL	0.0 PSF	HC-ENG DAL/DF
TOT.LD.	40.0 PSF	SEQN- 28031
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201

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

Right end vertical not exposed to wind pressure.

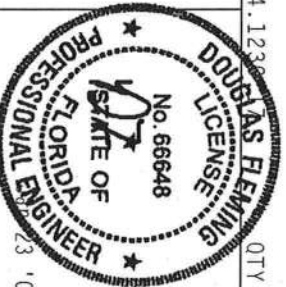
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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



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

Haines City, FL 33844  
FL Certificate of Authorization # 0070



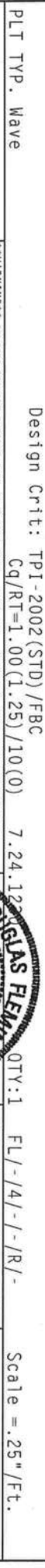
TC LL	20.0 PSF	REF	R8228 - 40889
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023038
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	161001
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01



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 GCpf(+/-)=0.18

Right end vertical not exposed to wind pressure.

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



Scale = .25"/Ft.

DOCTOR  
LICENSE  
No. 66648

45

TO  
PLAY  
ADD  
ER

RECEIVED



23

1

1000

[illegible]

REF ID: A66877

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

Right end vertical not exposed to wind pressure.

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



7.24.123

QTY:1

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

Scale = .25" / Ft.

DOUBLE  
LICENSE  
No. 66648

TC LL	20.0 PSF	REF	R8228- 40891
TC DL	10.0 PSF	DATE	01/23/08

**ITW Building Components Group, Inc.**

FL Certificate of Authorization # 0079

\*IMPORTANT\* \*PLEASE SEND A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC., SMALL ROOM  
DESIGNER IS NOT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TUBS IN CONFORMANCE WITH  
THIS OR FABRICATING, HANDING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.  
THE BCG  
DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OR NON-QUALITATIVE DESIGN SPECIES, BY AREA) AND THE  
CONNECTION PLATES ARE MADE OF 2010/T606 (ALUMINUM) AS PER AISI D400 (40,000 PSI YIELD STRENGTH). STEEL, APPLY  
AN INSPECTION OF PLATE FOLLOWED BY AN X-RAY SHALL BE THE METHOD OF TESTING. POSITION PER DRAWINGS 1606-2  
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.

A circular professional engineer seal for Douglas Fleming, No. 66648, State of Florida. The seal features the text "DOUGLAS FLEMING" at the top, "LICENSE" on the right, "No. 66648" in the center, "STATE OF FLORIDA" on the left, and "PROFESSIONAL ENGINEER" at the bottom. A star is positioned at the top center, and a stylized signature is written across the center.

TC LL	20.0 PSF	REF	R8228- 40891
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023040
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	161007
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

JREF - 1TEE8228Z01

ИЗДАТЕЛЬСТВО ИСКУССТВ (LITERATURE & ARTS PUBLISHERS) 103000 МОСКВА, СССР

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

Right end vertical not exposed to wind pressure.

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



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

$$\text{Cq/RT} = 1.00(1.25)/10(0)$$

7.24.122

QTY:1

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

Scale = .25"/Ft.

**\*WARNING\*** TRUSSES REQUIRING EXISTENT CARE IN FABRICATION, TRANSPORT, SHIPPING, INSTALLING AND DRAGGING REFER TO DCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PCI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NICKI AND NICKI CONSULTING OF AMERICA, 65000 ENTERPRISE LAKE, MADISON, WI, 53719 FOR ANY SPECIALTY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNDESIRABLE INDICATED TOP CHORD SAILS HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SAILS HAVE A PROPERLY ATTACHED FIELD CELLULAGE.

**\*\*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.

CONNECTOR PLATES WERE MADE OF 20/18/1050A (W, H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TUBES AND WELDS OR BULBHEAD LOCATED ON TUBE BEHEM POSITION ORN PROVIDED FOR.

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

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

100

**ITW Building Components Group, Inc.**  
Haines City, FL 33844  
FL Certificate of Authorization # 0-279



23 '08

TC LL	20.0 PSF	REF	R8228 - 40892
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023041
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN -	16193
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1TEE8228Z01

JREF- 1TEE8228Z01



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, 1w=1.00 gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



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

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

7.24.12  
GLAS FLEM  
QTY: 1

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

Scale = .25"/Ft.

**WARNING:** THESE REQUIREMENTS EXTEND TO THE MANUFACTURING, SHIPPING, INSTALLING, AND BRACING OF ALL TRUSS COMPONENTS. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WFLA (600 TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MIDDLETON, WI, 53519) FOR SAFETY PRACTICES PRIOR TO GEORING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRAIGHTENING PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED CHORD CAPPING.

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

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

CONNECTOR PLATES ARE MADE OF 20/10/166A (H, 0/55/K) ASIM A653 GRADE 40/60 (H, K/H, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND JOISTS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWING LEGS.

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

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 40893
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023002
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	16195
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

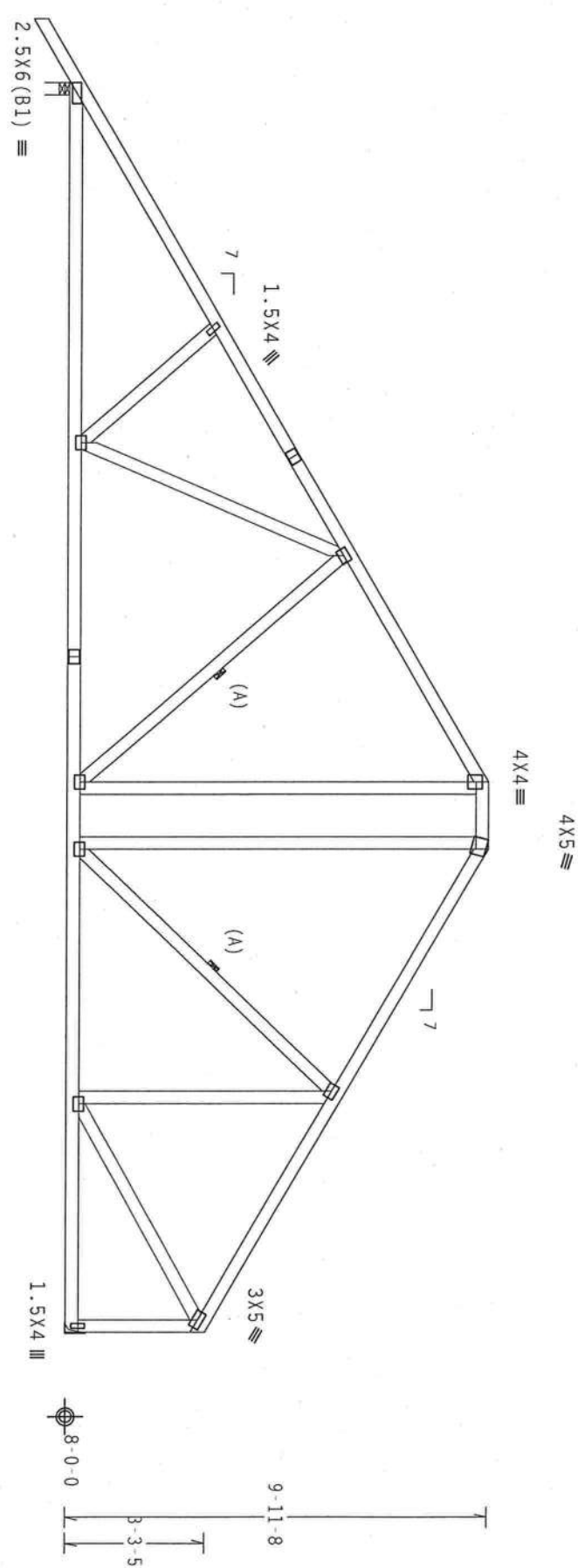
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$   $G_{cp1}(+/-)=0.18$   
Wind reactions based on MWFRS pressures.  
Right end vertical not exposed to wind pressure.  
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



1'-6-0"  
16'-5-8  
29'-6-0 Over 2 Supports  
1'-7-0  
11'-5-8  
R=1337 U=117 W=3.5"  
R=1217 U=105

Note: All Plates Are 3x4 Except As Shown.

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

**\*\*WARNING\*\*** TRUSSES RIGIDLY EXTEND CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 5300 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

ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #00070



TC LL	20.0 PSF	REF	R8228 - 40894
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HGUSR8228 08023033
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT. LD.	40.0 PSF	SEON-	16197
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

Scale = .25"/ft.

**MILWAUKEE DISTRICT OF COLUMBIA**

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. Iw=1.00 GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLETTIN0207 for more requirements.

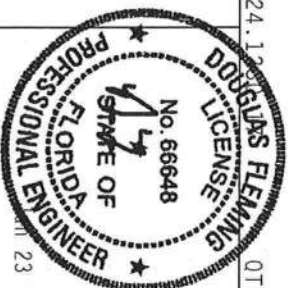
Deflection meets  $L/240$  live and  $L/180$  total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

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

Scale = .3125" / Ft.



DOUGLAS  
LICENSE  
No. 66648

**\*\*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.

CONNECTOR PLATES ARE MADE OF 20/10/166A (W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H,SS) GALV. STEEL. APPLY

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND INSPECTION OF DETAILS FOLLOWED BY (1) SHALL DEPEND ON AREA AS OF 17-11-2002 SEC.3, A SCALE ON THIS

**BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.**

23

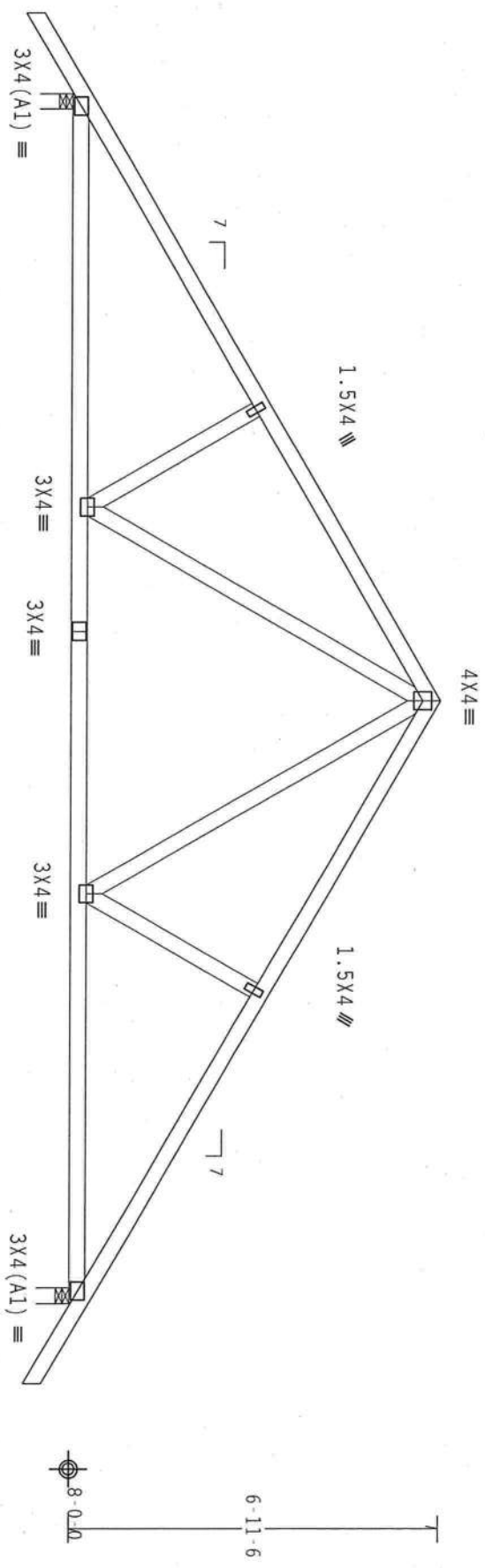
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TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023012
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	129743 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

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

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.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 gcpl(+/-)=0.18  
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



11-3-8  
11-3-8  
22-7-0 Over 2 Supports  
R=1041 U=180 W=3.5"

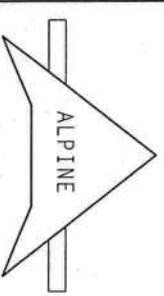
PLT TYP. Wave  
Design Cmt: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .3125"/ft.

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND 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 BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AIA (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITW BCG PLATES TO EACH FACE OF TRUSS CHORDS (20/16/10/6/4 (W/S/S/S)) AS PER AREA 40/60 (W, R/H/S) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA A3 OF TPI-2002 SEC.3. THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
PL Certificate of Authorization # 0-770



TC LL	20.0 PSF	REF R8228 - 40896
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUR8228 08023020
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 16151
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201



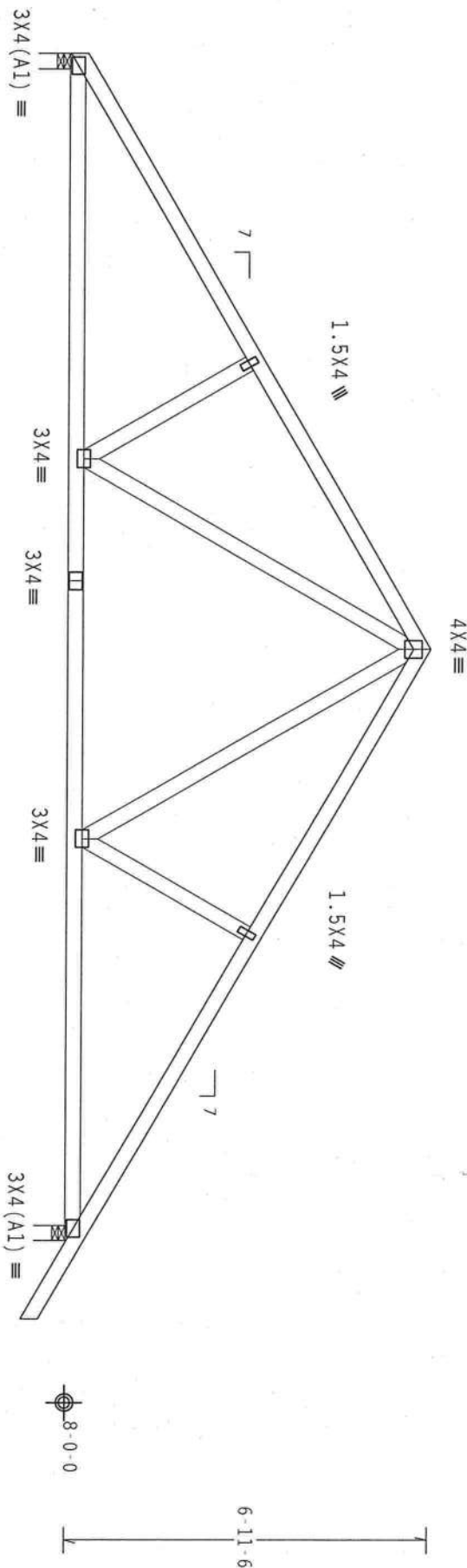
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #3

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.

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

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



11-3-8  
22-7-0 Over 2 Supports  
11-3-8  
R=935 U=180 W=3.5\*  
R=1045 U=180 W=3.5\*

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.24.123

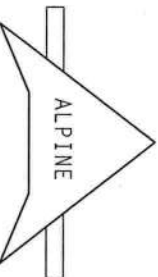
QTY:1

FL/-/4/-/R/-

Scale = .3125"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSD (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WIGA (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 BOB (NATIONAL DESIGN SPEC. BY AIA/RAI) AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ASH A663 GRADE 40/50 (4, 6/4, 5/3) GALV. STEEL. APPLY TO EACH FACE OF TRUSSES AND PLATES TO EACH FACE OF TRUSSES AND PLATES TO EACH FACE OF TRUSSES. 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 Certificate of Authorization #0790



TC LL	20.0 PSF	REF R8228- 40897
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023028
BC LL	0.0 PSF	HC-ENG DAL/AP *
TOT. LD.	40.0 PSF	SEON- 16155
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

Top chord 2x4 SP #2 Dense  
Bot chord 2x8 SP #1 Dense  
Webs 2x4 SP #3 :W7 2x4 SP #2 Dense:

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)  
TC - From 63 PLF at 0.00 to 63 PLF at 11.29  
TC - From 63 PLF at 11.29 to 63 PLF at 24.08  
BC - From 20 PLF at 0.00 to 20 PLF at 10.00  
BC - From 20 PLF at 10.00 to 20 PLF at 22.58  
BC - From 5 PLF at 22.58 to 5 PLF at 24.08  
BC - 1593 LB Conc. Load at 2.06, 4.00  
BC - 1217 LB Conc. Load at 6.06, 7.52, 9.52, 11.52,  
13.52 BC - 2619 LB Conc. Load at 15.52

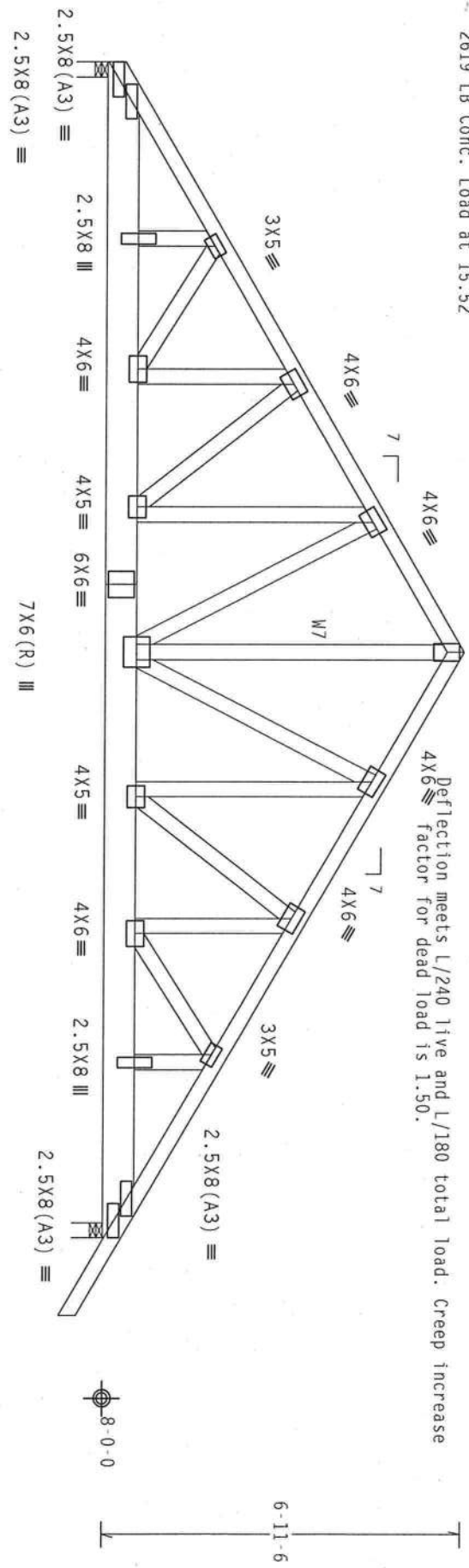
3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)\_nails)  
Top Chord: 1 Row @12.00" o.c.  
Bot Chord: 1 Row @3.50" o.c.  
Webs : 1 Row @ 4" o.c.  
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

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



11'-3'-8  
22'-7'-0 Over 2 Supports  
11'-3'-8  
6'-11'-6  
R=8018 U=862 W=3.5\*  
R=5853 U=630 W=3.5\*

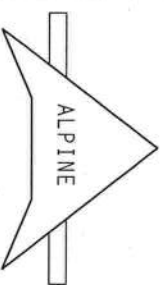
PLT TYP. Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.38.08  
QTY:1  
FL-/4-/R/-

Scale = .3125"/ft.

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND WICA (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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE IN COMPLIANCE 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 IN COMPLIANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



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Haines City, FL 33844  
FL Certificate of Authorization #0-070



TC LL	20.0 PSF	REF	R8228- 40898
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023002
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEON-	1061 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1TEE8228201

THIS WORK PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY RUSS M.F.K.

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 MFRS pressures.

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

brace TC @ 24" OC, BC @ 24" OC.

brace TC @ 24" OC, 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.



Design Crit: TPI-2002(STD)/FBC

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

FL1-141-1-1R1-

Scale = .3125" / Ft.

**WARNING**—THESE ATTACHED EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING THE FOLLOWING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS PRACTICE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND (800) TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MOBILE, AL 36688 FOR SAFETY PRACTICES AND PLEA TO PERFORMING THESE FUNCTIONS. THESE DISCREPANCIES INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

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

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/50 (W, K/H,SS) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND NOT A SEAL ON THIS

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ISO 15390.

TC LL	20.0 PSF	REF	R8228- 40899
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCHSR8228 08023004
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	129574 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

JREF- 1TEE8228Z01

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

Roof overhang supports 2.00 psf soffit load.

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

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.



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

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

7.36.042

QTY:1

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

Scale = .3125"/Ft.

**WARNING:** THESE PILES (INCLUDING EXISTING, CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BROCHING) REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PILE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MIDLOTHIAN, VA 52159 FOR SAFETY PRACTICES AND PILES TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIDGECILLING.

ALPINE

**ITW Building Components Group, Inc.**

Haines City, FL 33844

FL Certificate of Authorization # 00778



TC LL	20.0 PSF	REF	R8228 - 40900
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023009
BC LL	0.0 PSF	HC-ENG	DAL/DF
TOT.LD.	40.0 PSF	SEQN -	71860
DUR.FAC.	1.25		
SPACING	24.0"	JREF -	1TEE8228Z01

JREF- 1TEE8228Z01



THE UNIVERSITY OF CHICAGO LIBRARY

**2 COMPLETE TRUSSES REQUIRED**  
Nailing Schedule: (12d Common @ 0.148"x3.25")

1000

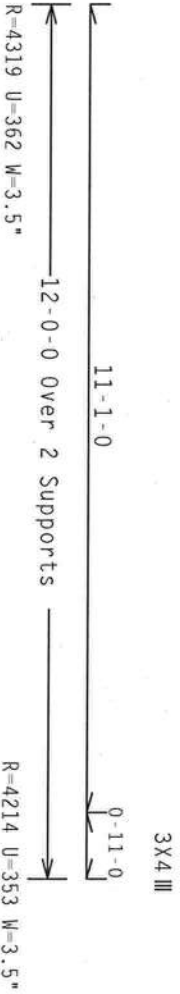
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

 $4 \times 4 \equiv$ 

1

7



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

QTY:1

Scale = .375"/Ft.

DOOR  
LICENSE  
No. 66648

5

ER

OFFICE OF THE FLORIDA ATTORNEY GENERAL

ADDITIONAL ENTRIES

(



23 '08

REF- 1TEE8228Z01

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

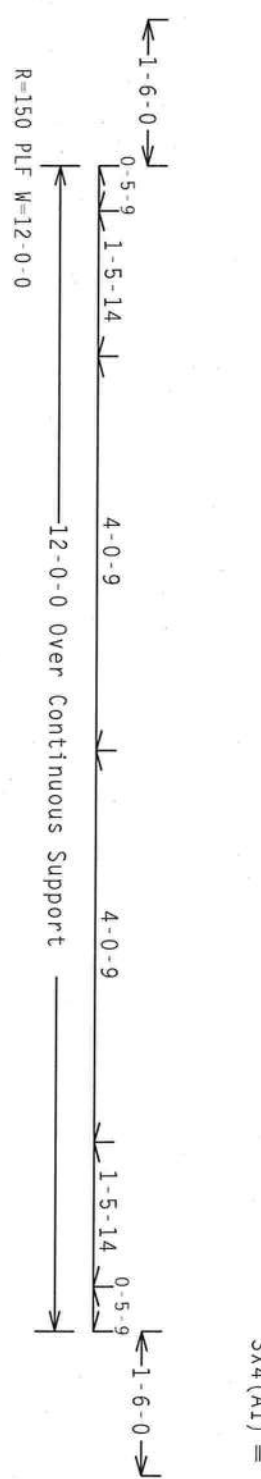
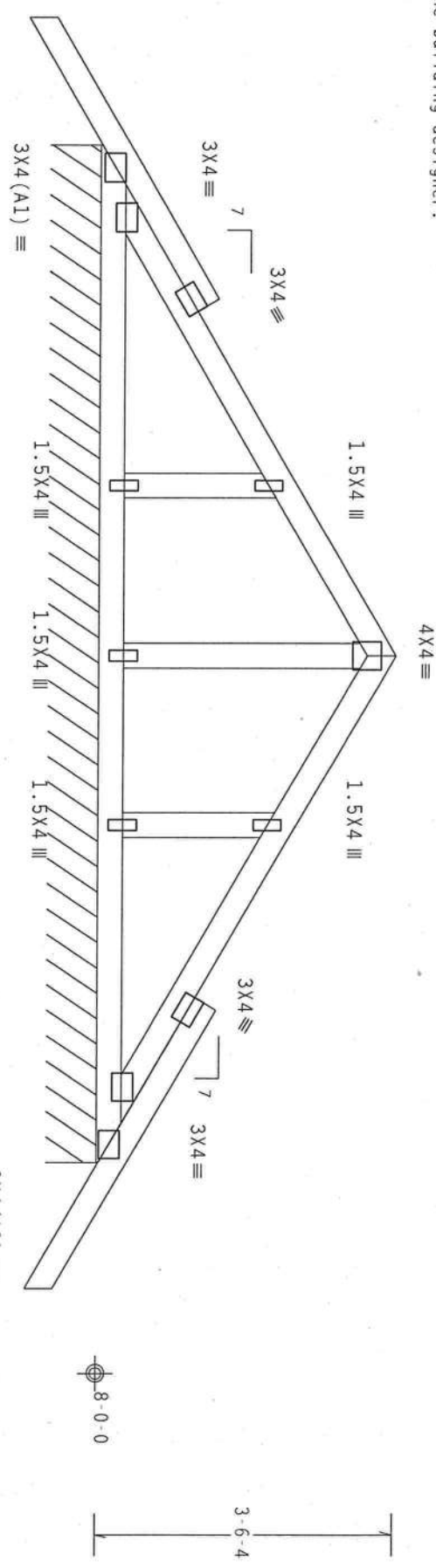
Truss spaced at 24.0" OC designed to support 1-6-0 top chord  
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord  
must not be cut or notched.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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

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.

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 or rigid ceiling use purlins to  
brace TC @ 24" OC, BC @ 24" OC.



PLT TYP. Wave Design Crit: TPI-2002(STD) /FBC  
Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT  
BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH  
THIS DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.  
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AREA) AND TPI.  
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE (NATIONAL) ASHRAE 62.1-2004 (V. 6.2.1) AND THE (NATIONAL) ASHRAE 62.2-2004 (V. 6.2.2).  
ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI-2002 SECTION PER DRAWINGS A60A.12,  
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.

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Haines City, FL 33844  
FL Certificate of Authorization # 0-778



QTY: 1	FL/-/4/-/R/-	Scale = .5"/ft.
TC LL	20.0 PSF	REF R8228- 40902
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023005
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	40.0 PSF	SEQN- 129568 REV
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201

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

Roof overhang supports 2.00 psf soffit load.

Dead loads are stated on projected horizontal area basis.

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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

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.



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

QTY:1

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

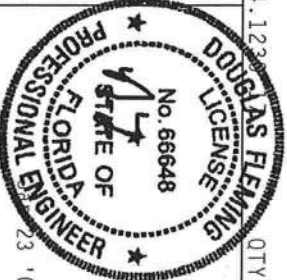
Scale = .5" / Ft.

**WARNING:** THESE BUILDING COMPONENTS ARE IN FACTORIAL, HANDLING, SHIPPING, INSTALLING, AND PACKING REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE STRESS PANEL INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND AICA (GOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MONTICELLO, VA 52139) FOR SAFETY PRACTICES AND PLEA TO PREVENTING THESE INCIDENTS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

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FL Certificate of Authorization # 0778



TC LL	20.0 PSF	REF	R8228- 40903
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCU8R8228 08023001
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEGN-	16152 REV
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	1TEE8228Z01

JREF- 1TEE8228Z01

מפא. לזכור כי שבתות ומועדים (למשל) נחשבים כחלק מהחייב.

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

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

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

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

Scale = .375"/Ft.

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



TC LL	20.0 PSF	REF	R8228- 40904
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023006
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	16234
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

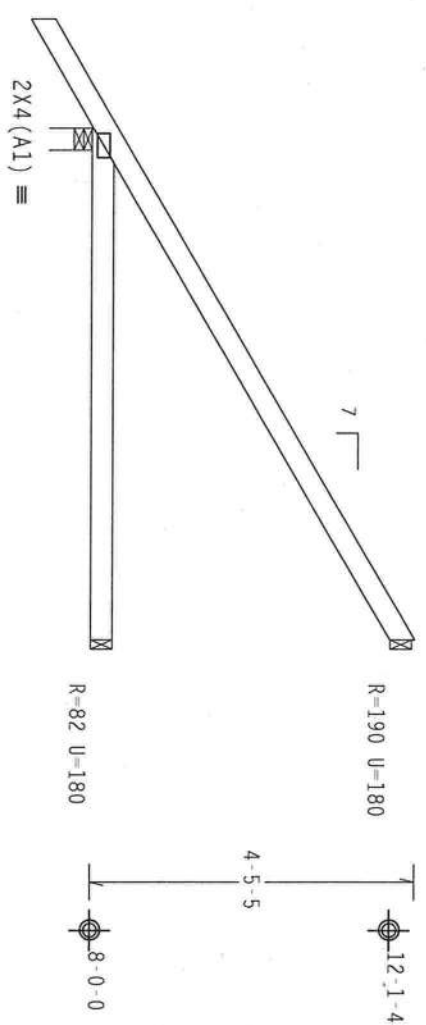


Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

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.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.  $I_w=1.00$   $G_{cpl}(+/-)=0.18$   
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



1-6-0

7-0-0 Over 3 Supports  
R-412 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.24.123 QTY:1

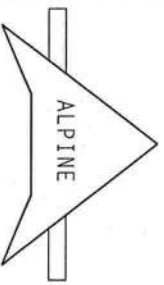
FL/-/4/-/R/-

Scale = .375"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (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, 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 COMMENTS AND NOTES: 20/10/180A (U=1.25) ASH 60S GRADE 40/60 (W, R/H=55) GALV. STEEL. APPLY BRACING TO EACH END OF TRUSS. BRACING SHALL BE PER LAMER 30 OF TPI-2002. SECTION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER LAMER 30 OF TPI-2002. SECTION PER DRAWINGS 100A-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.



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Haines City, FL 33844  
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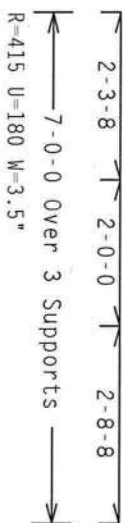


TC LL	20.0 PSF	REF	R8228 - 40905
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023010
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	16202
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

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

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

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



✓ 0-9-1 ✓

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

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

7.24.12

QTY:1

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

Scale = .375"/Ft.

**WARNING:** FRAMES BUILDING EXISTING CAVE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING REFER TO GC'S (BUILDING COMPONENT SPEC INFORMATION) - PUBLISHED BY TPI (TERRACE PAST INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND (GOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE WORKS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

**ITW Building Components Group, Inc.**

FL Certificate of Authorization # 0279



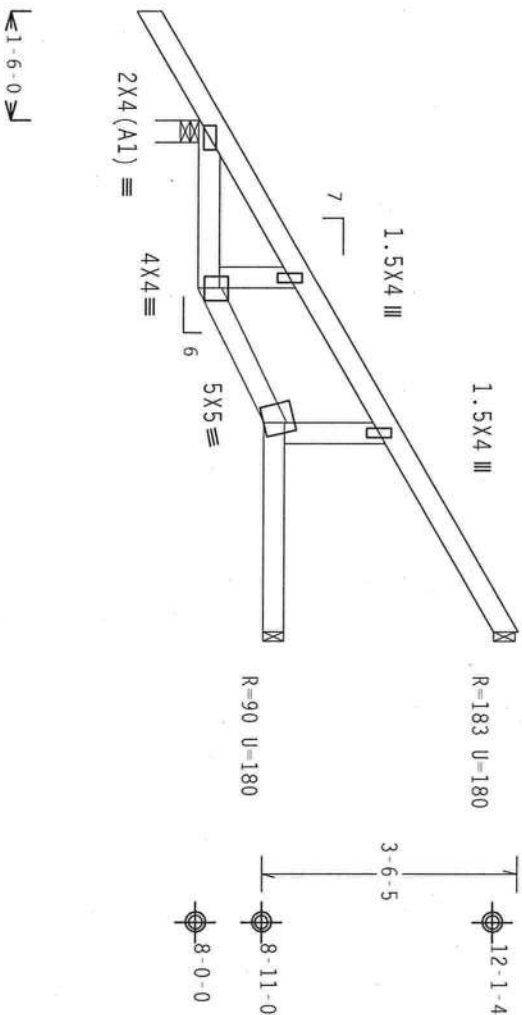
TC LL	20.0 PSF	REF	R8228 - 40906
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCS08228 08023021
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	129748
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

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

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.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 gcpl(+/-)=0.18  
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



2-3-8 1-10-0 2-10-8  
7-0-0 Over 3 Supports  
R=415 U=180 W=3.5"

PLT TYP. Wave

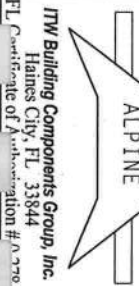
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .375"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BESET (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI, CHIEFS OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND AISC (2000) TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** 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 OF THE TRUSS IN COMPLIANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ITW BCG, INC. SHALL NOT DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (U./I./S/S) ASH 6063 GRADE 40/60 (U./I./S/S) GALV. STEEL. APPLY TO THE TRUSS DESIGNER FOR THE LOCATION OF THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. THE 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.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #A-270

TC LL	20.0 PSF	REF R8228- 40907
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023019
BC LL	0.0 PSF	HC-ENG DAL/AP *
TOT.LD.	40.0 PSF	SEON- 16238
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201

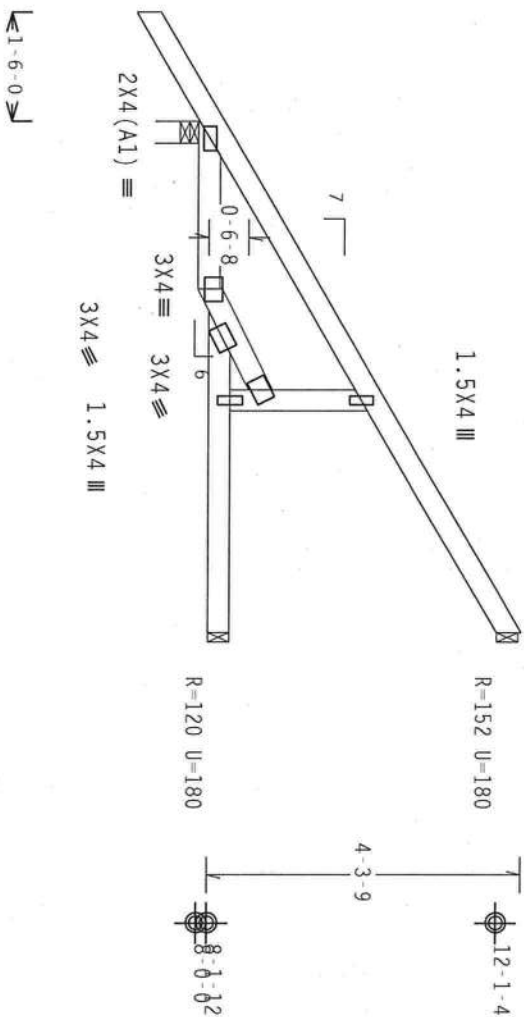
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense  
Webs 2x4 SP #2 Dense

Wind reactions based on MMFRS pressures.

See detail BCFILLER1106 for bottom chord (BC) filler detail.  
Laterally brace BC above filler @ 24" O.C. (or as designed).  
Including a brace on BC directly above both ends of filler (if  
no rigid diaphragm exists at that point).

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

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



2-3-8 1-4-9 3-3-15  
7-0-0 Over 3 Supports  
R=413 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7-24-12

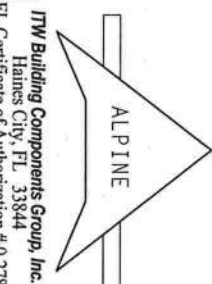
OTV:1

FL/-/4/-/R/-

Scale = .375"/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, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, 530 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** 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 THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0779

TC LL	20.0 PSF	REF R8228- 40908
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023022
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEON- 16250
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201



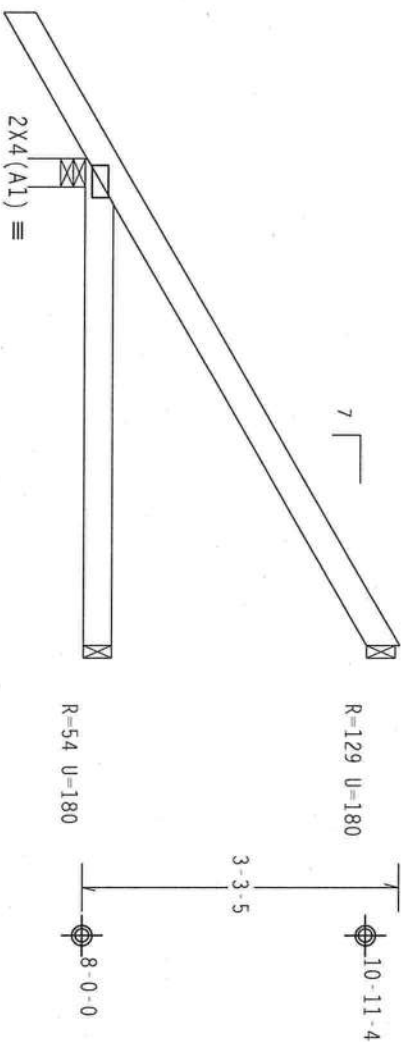
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

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.

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

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



← 1-6-0 →

5'-0'-0  
5'-0'-0 Over 3 Supports  
R=335 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.24.123

QTY: 1

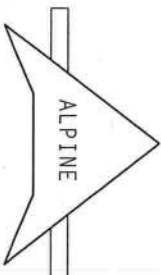
FL/-/4/-/-/R/-

Scale = .5"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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 OF THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 23 OF TPI-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization # 0778



TC LL	20.0 PSF	REF R8228- 40909
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023007
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 16206
DUR.FAC.	1.25	
SPACING	24.0"	
UREF-	1TEE8228201	

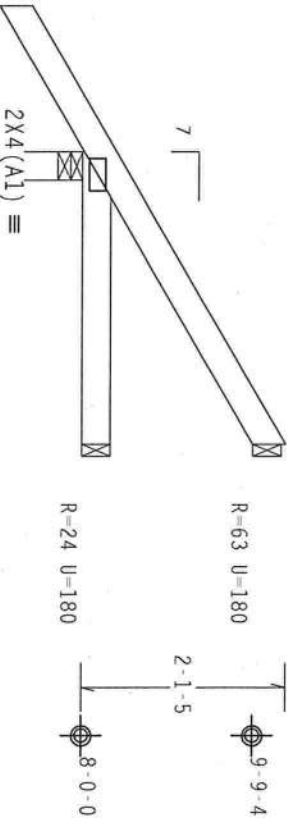
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

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.

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

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



← 1-6-0 →

3'-0'-0  
3'-0'-0 over 3 Supports  
R=265 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TP1-2002(STD)/FBC

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

7.24.123

QTY:1

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

Scale = .5"/Ft.

**\*\*WARNING\*\*** TRUSSES RIGIDLY EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (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.

ALPINE

ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #00378



TC LL	20.0 PSF	REF	R8228- 40910
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023008
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT. LD.	40.0 PSF	SEON-	16211
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01

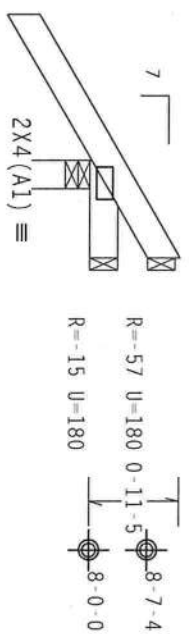
Top chord 2x4 SP #2 Dense  
Bot chord 2x4 SP #2 Dense

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.

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

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



1-6-0

1-0-0 over 3 Supports

R=257 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

QTY: 1

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

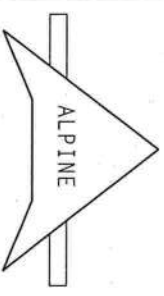
Scale = .5"/ft.

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND 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\*\*** 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 COMPLIES WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/AIA AND TPI. 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.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC. 3.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization # 0-778



TC LL	20.0 PSF	REF R8228- 40911
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023009
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	40.0 PSF	SEON- 16214
DUR. FAC.	1.25	
SPACING	24.0"	UREF- 1TEE8228Z01

THIS WORK PREPARED FROM COMPUTER INPUT (LUAUS & DIMENSIONS) SUBMITTED BY IKUSS MRK.

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.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

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


7.24.123

QTY:1

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

Scale = .5"/Ft.

**WARNING:** THESE BUILDING EXTERIOR CASE IN FABRICATION, HANDLING, UNLOADING, INSTALLING AND PRACTICE REFER TO OCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (STRESS PASTE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AICA (AMERICAN INSTITUTE OF AMERICA), 6500 ENTERPRISE LANE, MIDDLETOWN, UT 84401 FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GOOD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.



**ITW Building Components Group, Inc.**

Haines City, FL 33844

FL Certificate of Authorization # 00778



TC LL	20.0 PSF	REF	R8228 - 40912
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023027
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	129495
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201



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

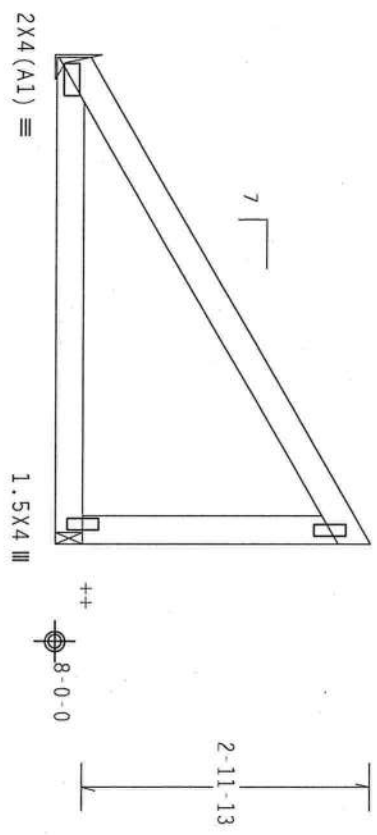
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

++ Anchorage req'd to prevent truss from slipping off bearing. BEARING. ANCHORAGE TO BE DESIGNED AND FURNISHED BY OTHERS.

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

1.5X4 III



2X4 (A1) III

1.5X4 III

R=206 U=44



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.24.123

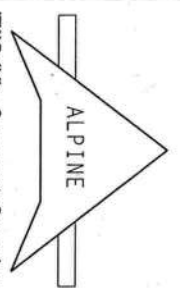
QTY: 1

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 THE 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.

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



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization # 0-778



TC LL	20.0 PSF	REF R8228- 40913
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUR8228 08023031
BC LL	0.0 PSF	HC-ENG DAL/AP *
TOT. LD.	40.0 PSF	SEQN- 129500
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228201

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

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

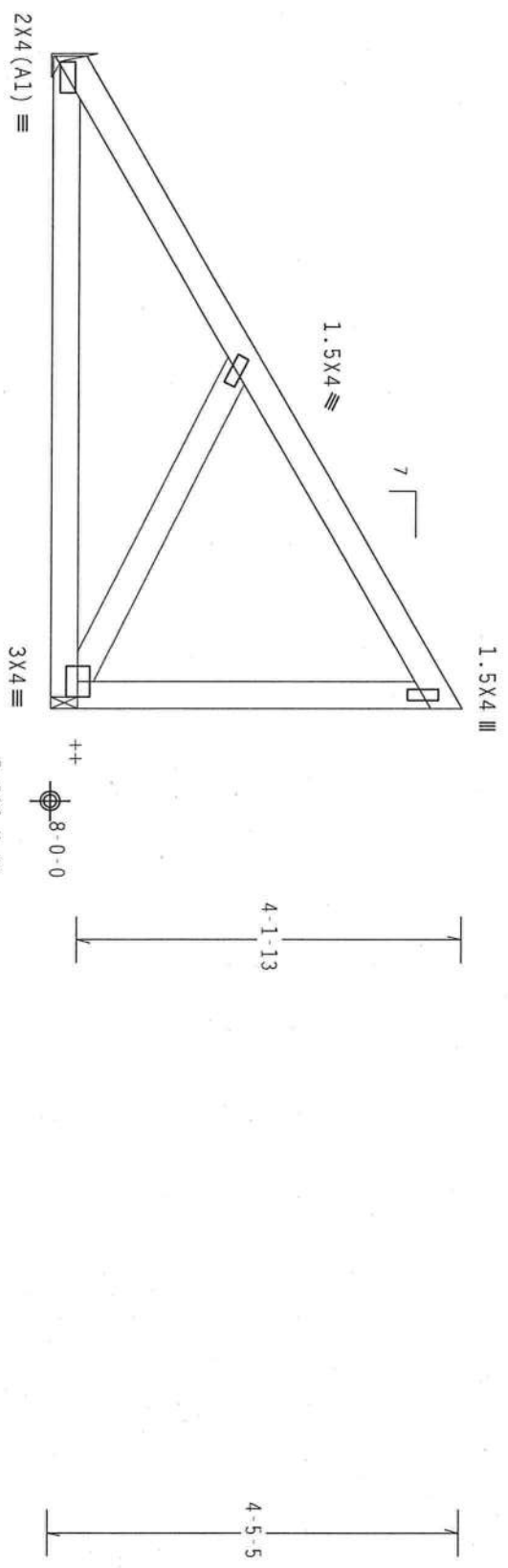
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.

Right end vertical not exposed to wind pressure.

++ Anchorage req'd to prevent truss from slipping off bearing. BEARING. ANCHORAGE TO BE DESIGNED AND FURNISHED BY OTHERS.



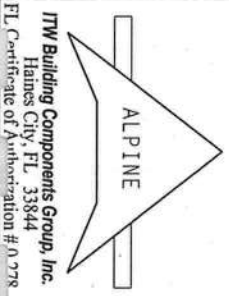
0-1-8  
7-0-0 Over 2 Supports  
R=284

PLT TYP. Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)  
QTY:1  
FL/-/4/-/1-/-/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), 310 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICK (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.

\*\*\*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 & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL), ITW BCG (STEEL TRUSS MANUFACTURING), AND AISC (STEEL TRUSS MANUFACTURING). ALL TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE AISC (STEEL TRUSS MANUFACTURING) AND AISC (STEEL TRUSS MANUFACTURING) DRAWING, INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0-078



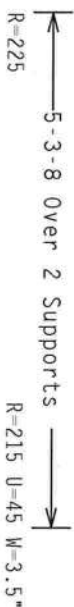
TC LL	20.0 PSF	REF R8228 - 40914
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUR8228 08023030
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	40.0 PSF	SEQN- 129506
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228Z01

[illegible]

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 gcp(+/-)=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.



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

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

7.24.12

QTY:1

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

Scale = .5" / Ft.

**WARNING:** THESE TRILITE BUILDING EXISTING CASE IN FABRICATION, WELDING, SHIPYARD, INSTALLING AND BROCKING REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (STRESS PRACTICE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA Q800 TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, MOUNTAIN VIEW, TX 75759 FOR SAFETY PRACTICES BEFORE TO PERFORMING THESE OPERATIONS. INTERSECTIONS INDICATED FOR GIRDOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GIRDOR SHALL HAVE PROPERLY ATTACHED FIELD COLUMNS.

**ITW Building Components Group, Inc.**  
Haines City, FL 33844  
FL Certificate of Authorization # 00778



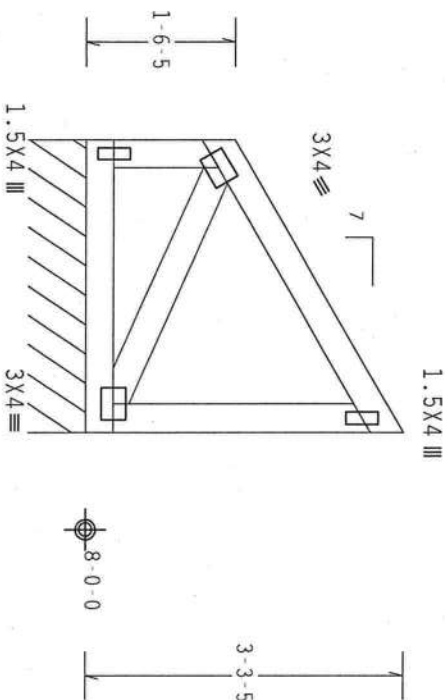
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TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCUSR8228 08023025
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	129551
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	1TEE8228201

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

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

Right end vertical not exposed to wind pressure.

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



3-0-0 Over Continuous Support

PLT TYP. Wave

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

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

7.24.1236

QTY:1

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

Scale = .5"/Ft.

\*\*\*\*\*WARNING\*\*\*\*\* THE FOLLOWING REQUIRE EXTREME CARE IN IDENTIFICATION, HANDLING, SHIPPING, INSTALLING AND REMOVING REFER TO GC51 (BUILDING COMPONENT INFORMATION), PUBLISHED BY TPI (TRUSS PATTERN INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND NICK (NATIONAL TRUSS COUNCIL OF AMERICA, 65000 MIDWAY INTERSTATE LAKE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. UNLESS OTHERWISE INDICATED, THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

**ITW Building Components Group, Inc.**

FL Certificate of Authorization # 00779



TC LL	20.0 PSF	REF	R8228- 40916
TC DL	10.0 PSF	DATE	01/23/08
BC DL	10.0 PSF	DRW	HCSR8228 08023018
BC LL	0.0 PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0 PSF	SEQN-	129672
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228Z01



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

Truss spaced at 24.0" OC designed to support 1-4-0 top chord  
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord  
must not be cut or notched.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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

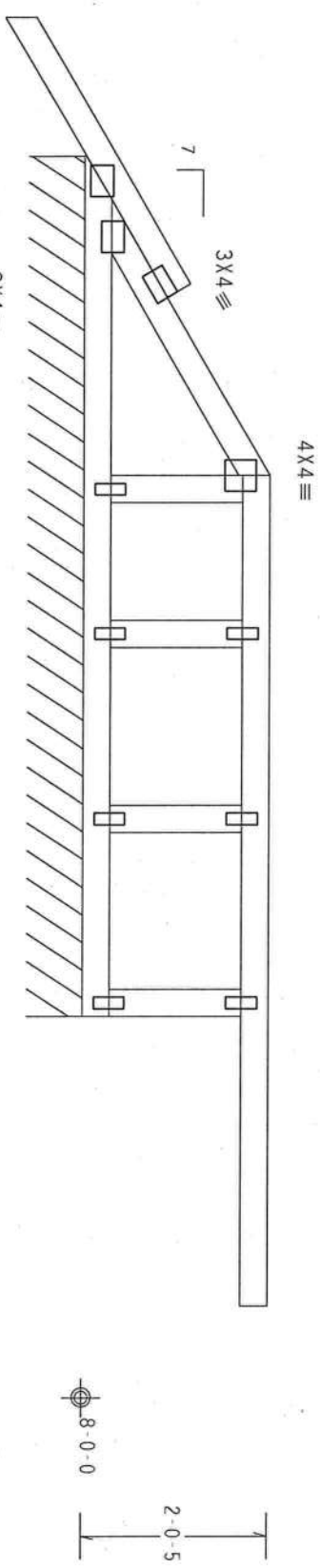
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located  
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC  
DL=5.0 psf, IW=1.00 GCPI(+/-)=0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R=159 PLF W-9-3-8

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

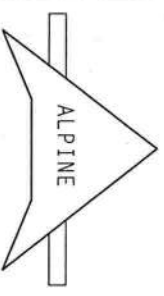
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

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

Scale = .5"/ft.

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

**\*\*IMPORTANT\*\*** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TITW BCS, 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 BRACING SPECIFICATIONS, BY AGENCY AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. (NATIONAL DESIGN SPEC. BY AIA/ASA) ASIN ASS GRANT 46/60 (4, 6/11/55) ONLY. STEEL, APPLY 2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER AMER AS OF TPI-2002 SEC. 3. THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0-750

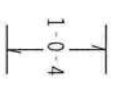
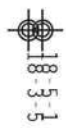
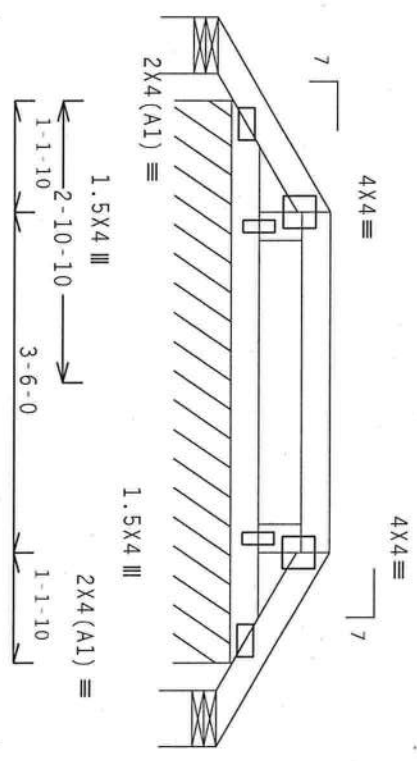


TC LL	20.0 PSF	REF R8228- 40917
TC DL	10.0 PSF	DATE 01/23/08
BC DL	10.0 PSF	DRW HCUSR8228 08023023
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	40.0 PSF	SEON- 129737 REV
DUR. FAC.	1.25	
SPACING	24.0"	
UREF-	1TEE8228201	

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

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

110 mph wind, 18.86 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=1.2 psf. lw=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.



R=23 U=9 W=6.946"  
R=73 PLF U=21 PLF W=5-9-4  
R=23 U=9 W=6.946"

PLT TYP. Wave  
Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

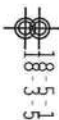
QTY: 1 FL/-/4/-/18/- Scale = .5"/Ft.

ALPINE				DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER			
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization #00370				23 '08			
				SPACING 24.0"			
				DUR.FAC. 1.25			
				JREF- 1TEE8228201			
				TC LL 20.0 PSF REF R8228- 40918			
				TC DL 10.0 PSF DATE 01/23/08			
				BC DL 2.0 PSF DRW HCUSR8228 08023014			
				BC LL 0.0 PSF HC-ENG DAL/AP			
				TOT.LD. 32.0 PSF SEQN- 129612			

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

110 mph wind, 19.37 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=1.2 psf,  $I_w=1.00$  Gcpi (+/-) -0.18



2-0-8

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

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

7.24.123

QTY:1

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

Scale = .5"/Ft.

\*\*\*WARNING\*\*\* FRICKS BUILDING CONTRACTOR, INC. (FBI), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICK COMPANY, ENTERPRISE LANE, MADISON, WI, 53719 FOR SAFETY PRACTICES, BEFORE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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



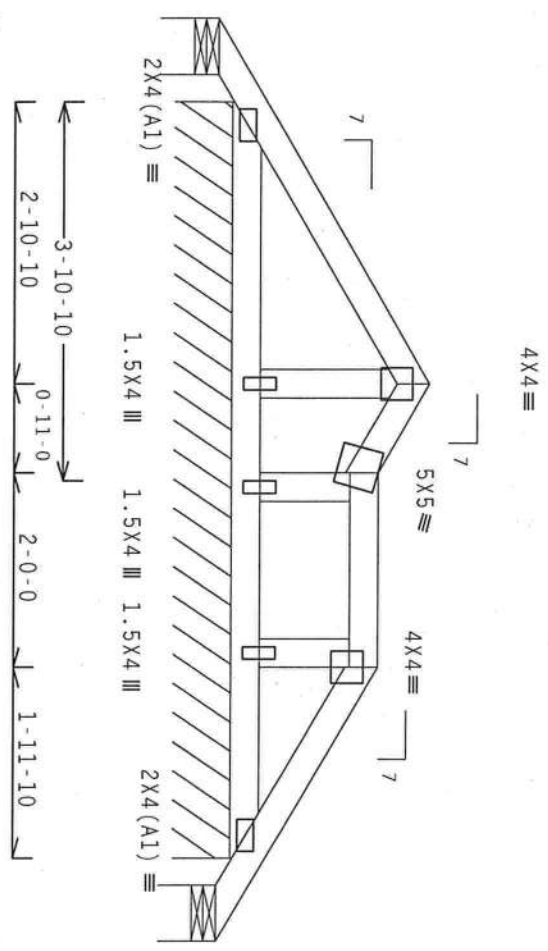
TC LL	20.0 PSF	REF	R8228- 40919
TC DL	10.0 PSF	DATE	01/23/08
BC DL	2.0 PSF	DRW	HCUSR8228 08023026
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	32.0 PSF	SEQN-	129601
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228701

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

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

110 mph wind, 19.37 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=1.2 psf, lw=1.00 Gcp1(+/-)=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.



R=11 Rw=28 U=30 W=6.946"  
R=77 PLF U=24 PLF W=7-9-4  
R=13 U=4 W=6.946"

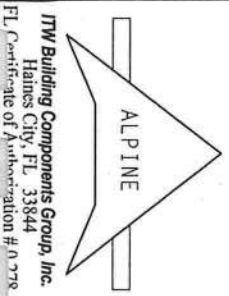
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0) 7.24.123

\*\*WARNING\*\* TRUSSES REMOVED EXISTING CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING  
REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5300  
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. 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 COMPLIES WITH APPLICABLE PROVISIONS OF 2003 NATIONAL DESIGN SPEC. (BY AIA/PA) AND TPI.  
CONNECTION PLATES ARE MADE OF 20/10/16GA (W/15/5/3) ASTM A653 GRADE 40/60 (U, K/H, SS) GALV. STEEL. APPLY  
TYPICAL CONNECTIONS LOCATED ON THIS DESIGN. POSITION FOR ORIGINATES 1604.2.  
ANY INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF THE TRUSS COMPONENTS  
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.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization #0378



QTY: 1	FL/-/4/-/-/R/-	Scale = .5"/ft.
TC LL	20.0 PSF	REF R8228- 40920
TC DL	10.0 PSF	DATE 01/23/08
BC DL	2.0 PSF	DRW HCUR8228 08023036
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT. LD.	32.0 PSF	SEON- 129607
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TEE8228Z01



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

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

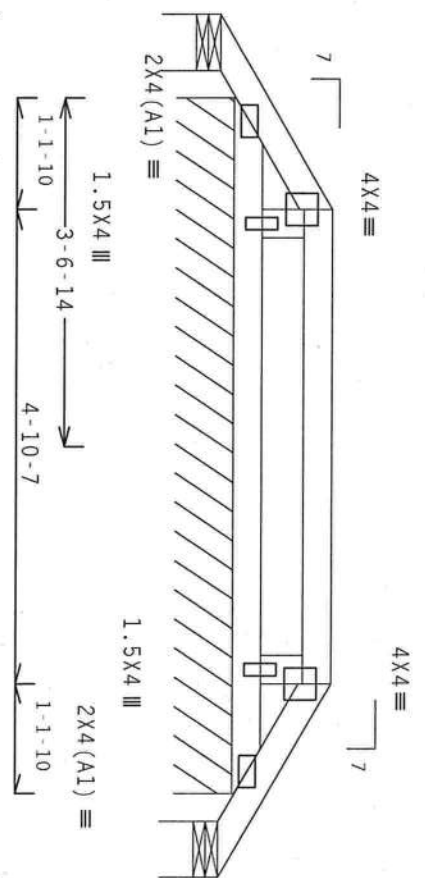
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback  
details.

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

110 mph wind, 19.04 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=1.2 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.



R=25 U=10 W=6.946"  
R=71 PLF U=21 PLF W=7-1-12  
R=25 U=10 W=6.946"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC  
Cq/RT=1.00(1.25)/10(0)

7.24.1230

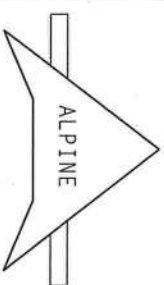
QTY: 1

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\*\*** 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 & 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.



ITW Building Components Group, Inc.  
Haines City, FL 33844  
FL Certificate of Authorization # 0-778



TC LL	20.0 PSF	REF	R8228- 40921
TC DL	10.0 PSF	DATE	01/23/08
BC DL	2.0 PSF	DRW	HCUSR8228 08023037
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT. LD.	32.0 PSF	SEON-	129727
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1TEE8228201

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  
CIB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB  
BRACING.

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

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

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEERS SEALED DESIGN.

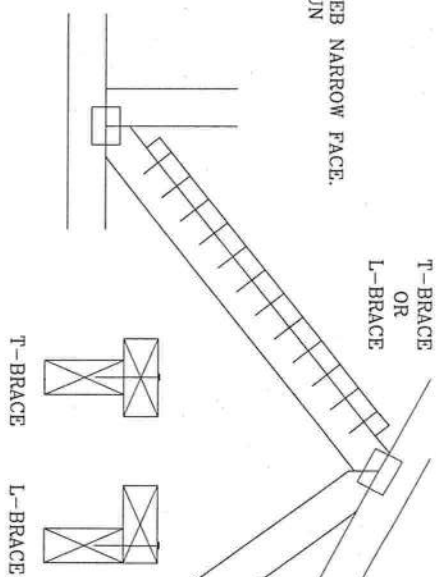
- (\*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



ITW BUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

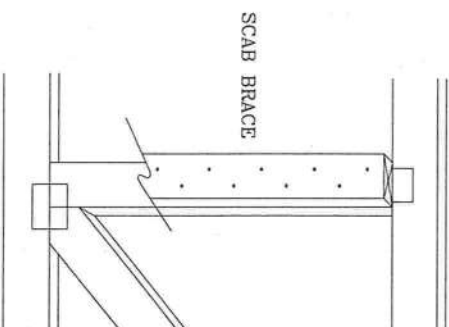
T-BRACING  
OR  
L-BRACING:

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 SCABS) TO WIDE FACE OF WEB  
NO MORE THAN (1) SCAB PER FACE.  
ATTACH WITH 10d BOX OR GUN  
(0.125" x 3", MIN) NAILS.  
AT 6" O.C. BRACE IS A MINIMUM  
80% OF WEB MEMBER LENGTH

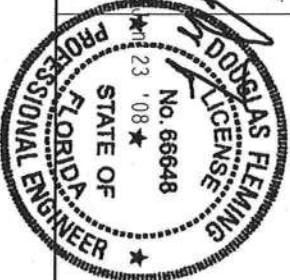


THIS DRAWING REPLACES DRAWING 579,640

**WARNING:** THESE ISSUES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TPI GROSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND VICA GOOD TRUSS COUNCIL OF AMERICA, 6400 ENTERPRISE LN, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PERPENDICULAR ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTRACTOR WILL BE LIABLE FOR DEFECTIVE WORK AND/OR OMISSIONS. DESIGNER'S REVIEW AND APPROVAL DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREIN.

ALL STEEL MEMBERS AND WELDABLE CONNECTIONS OF THIS CONDITION. DESIGN SPEC. OF AISC 890 AND IPF. ALL BOLTS SHALL BE A325 OR A490. ALL BOLTS SHALL BE PROTECTED AGAINST CORROSION BY AN EPOXY-BASED COATING. ALL BOLTS SHALL BE PROTECTED AGAINST CORROSION BY AN EPOXY-BASED COATING. ALL BOLTS SHALL BE PROTECTED AGAINST CORROSION BY AN EPOXY-BASED COATING.



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			

CABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS  $L/240$ .

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

GABLE END SUPPORTS LOAD FROM 4' 0"

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

\* FOR (1) "L" BRACE: SPACE NAILS AT

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.  
\*\* FOR (2) "I" BRACES: SPACE NAILS AT 3" O.C.

IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

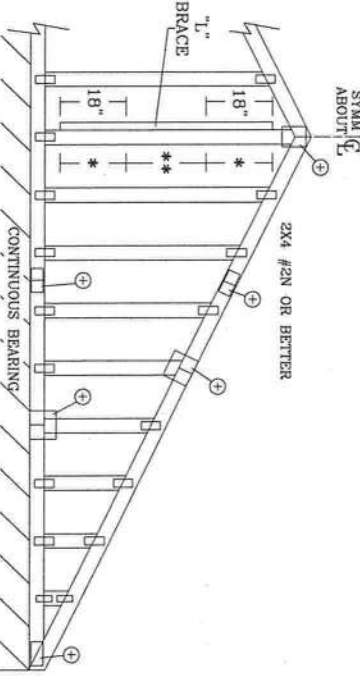
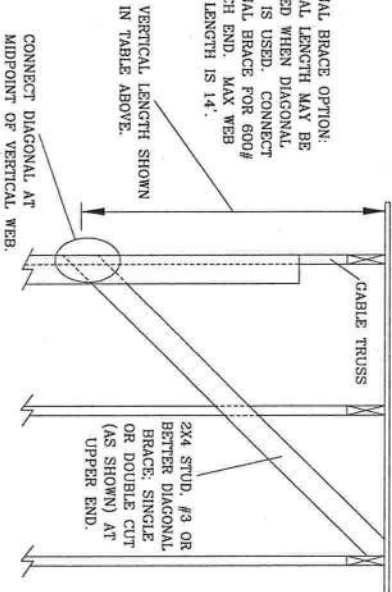
"1" BRACING MUST BE A MINIMUM OF 80% OF WEB

MEMBER LENGTH.  
2. DETERMINE THE A MINIMUM OF 50% OF THE

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

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

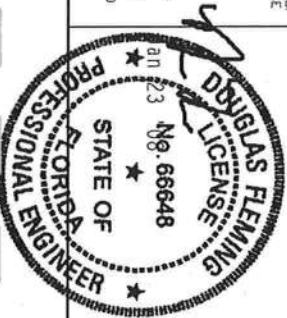
REFER TO CHART ABOVE FOR MAX CABLE VERTICAL LENGTH



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.  
POMPANO BEACH, FLORIDA

USE OF THIS DESIGN FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER  
ANSI/TPI 1, SEC. 2.



MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

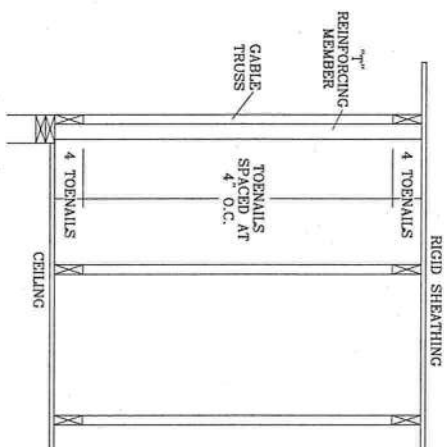
REF	ASCET-02-GAB11015
DATE	2/23/07
DRWG	A11015EEO207
-ENG	

[illegible]

CABLE 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:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.  
ATTACH EACH "I" REINFORCING MEMBER WITH  
HAND DRIVEN NAILS:

## HAND DRIVEN NAILS

(4) 16d COMMON (0.162" X 3.5", MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN-DRIVEN NAILS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

ASCE 7-93 CABLE DETAIL DRAWINGS

AI1015EN0207, AI0015EN0207, A09015EN0207, A08015EN0207, A07015EN0207,

ASCE 7-98 CABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A1015EC0207, A0015EC0207, A08515EC0207,

ASCE 7-02 CABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A1015EE0207, A0015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A1030EE0207, A0030EE0207, A08530EE0207, A13045EE0207, A12045EE0207, A1045EE0207, A0045EE0207, A08545EE0207, A13060EE0207, A12060EE0207, A1060EE0207, A0060EE0207, A08560EE0207, A13075EE0207, A12075EE0207, A1075EE0207, A0075EE0207, A08575EE0207, A13090EE0207, A12090EE0207, A1090EE0207, A0090EE0207, A08590EE0207, A13105EE0207, A12105EE0207, A10105EE0207, A00105EE0207, A085105EE0207, A13120EE0207, A12120EE0207, A10120EE0207, A00120EE0207, A085120EE0207, A13135EE0207, A12135EE0207, A10135EE0207, A00135EE0207, A085135EE0207, A13150EE0207, A12150EE0207, A10150EE0207, A00150EE0207, A085150EE0207, A13165EE0207, A12165EE0207, A10165EE0207, A00165EE0207, A085165EE0207, A13180EE0207, A12180EE0207, A10180EE0207, A00180EE0207, A085180EE0207, A13195EE0207, A12195EE0207, A10195EE0207, A00195EE0207, A085195EE0207, A13210EE0207, A12210EE0207, A10210EE0207, A00210EE0207, A085210EE0207, A13225EE0207, A12225EE0207, A10225EE0207, A00225EE0207, A085225EE0207, A13240EE0207, A12240EE0207, A10240EE0207, A00240EE0207, A085240EE0207, A13255EE0207, A12255EE0207, A10255EE0207, A00255EE0207, A085255EE0207, A13270EE0207, A12270EE0207, A10270EE0207, A00270EE0207, A085270EE0207, A13285EE0207, A12285EE0207, A10285EE0207, A00285EE0207, A085285EE0207, A13300EE0207, A12300EE0207, A10300EE0207, A00300EE0207, A085300EE0207, A13315EE0207, A12315EE0207, A10315EE0207, A00315EE0207, A085315EE0207, A13330EE0207, A12330EE0207, A10330EE0207, A00330EE0207, A085330EE0207, A13345EE0207, A12345EE0207, A10345EE0207, A00345EE0207, A085345EE0207, A13360EE0207, A12360EE0207, A10360EE0207, A00360EE0207, A085360EE0207, A13375EE0207, A12375EE0207, A10375EE0207, A00375EE0207, A085375EE0207, A13390EE0207, A12390EE0207, A10390EE0207, A00390EE0207, A085390EE0207, A13405EE0207, A12405EE0207, A10405EE0207, A00405EE0207, A085405EE0207, A13420EE0207, A12420EE0207, A10420EE0207, A00420EE0207, A085420EE0207, A13435EE0207, A12435EE0207, A10435EE0207, A00435EE0207, A085435EE0207, A13450EE0207, A12450EE0207, A10450EE0207, A00450EE0207, A085450EE0207, A13465EE0207, A12465EE0207, A10465EE0207, A00465EE0207, A085465EE0207, A13480EE0207, A12480EE0207, A10480EE0207, A00480EE0207, A085480EE0207, A13495EE0207, A12495EE0207, A10495EE0207, A00495EE0207, A085495EE0207, A13510EE0207, A12510EE0207, A10510EE0207, A00510EE0207, A085510EE0207, A13525EE0207, A12525EE0207, A10525EE0207, A00525EE0207, A085525EE0207, A13540EE0207, A12540EE0207, A10540EE0207, A00540EE0207, A085540EE0207, A13555EE0207, A12555EE0207, A10555EE0207, A00555EE0207, A085555EE0207, A13570EE0207, A12570EE0207, A10570EE0207, A00570EE0207, A085570EE0207, A13585EE0207, A12585EE0207, A10585EE0207, A00585EE0207, A085585EE0207, A13600EE0207, A12600EE0207, A10600EE0207, A00600EE0207, A085600EE0207, A13615EE0207, A12615EE0207, A10615EE0207, A00615EE0207, A085615EE0207, A13630EE0207, A12630EE0207, A10630EE0207, A00630EE0207, A085630EE0207, A13645EE0207, A12645EE0207, A10645EE0207, A00645EE0207, A085645EE0207, A13660EE0207, A12660EE0207, A10660EE0207, A00660EE0207, A085660EE0207, A13675EE0207, A12675EE0207, A10675EE0207, A00675EE0207, A085675EE0207, A13690EE0207, A12690EE0207, A10690EE0207, A00690EE0207, A085690EE0207, A13705EE0207, A12705EE0207, A10705EE0207, A00705EE0207, A085705EE0207, A13720EE0207, A12720EE0207, A10720EE0207, A00720EE0207, A085720EE0207, A13735EE0207, A12735EE0207, A10735EE0207, A00735EE0207, A085735EE0207, A13750EE0207, A12750EE0207, A10750EE0207, A00750EE0207, A085750EE0207, A13765EE0207, A12765EE0207, A10765EE0207, A00765EE0207, A085765EE0207, A13780EE0207, A12780EE0207, A10780EE0207, A00780EE0207, A085780EE0207, A13795EE0207, A12795EE0207, A10795EE0207, A00795EE0207, A085795EE0207, A13810EE0207, A12810EE0207, A10810EE0207, A00810EE0207, A085810EE0207, A13825EE0207, A12825EE0207, A10825EE0207, A00825EE0207, A085825EE0207, A13840EE0207, A12840EE0207, A10840EE0207, A00840EE0207, A085840EE0207, A13855EE0207, A12855EE0207, A10855EE0207, A00855EE0207, A085855EE0207, A13870EE0207, A12870EE0207, A10870EE0207, A00870EE0207, A085870EE0207, A13885EE0207, A12885EE0207, A10885EE0207, A00885EE0207, A085885EE0207, A13900EE0207, A12900EE0207, A10900EE0207, A00900EE0207, A085900EE0207, A13915EE0207, A12915EE0207, A10915EE0207, A00915EE0207, A085915EE0207, A13930EE0207, A12930EE0207, A10930EE0207, A00930EE0207, A085930EE0207, A13945EE0207, A12945EE0207, A10945EE0207, A00945EE0207, A085945EE0207, A13960EE0207, A12960EE0207, A10960EE0207, A00960EE0207, A085960EE0207, A13975EE0207, A12975EE0207, A10975EE0207, A00975EE0207, A085975EE0207, A13990EE0207, A12990EE0207, A10990EE0207, A00990EE0207, A085990EE0207, A14005EE0207, A13005EE0207, A11005EE0207, A001005EE0207, A0851005EE0207, A14020EE0207, A13020EE0207,

ASCE 7-05 CABLE DETAIL DRAWINGS  
 A13030EE0207, A12030EE0207, A10030EE0207, A08530EE0207

A13013E50207, A12013E50207, A10013E50207, A08513E50207, A13030E50307, A12030E50307, A10030E50307, A08530E50307

[illegible]

WIND LOAD) FOR MAXIMUM UNREINFORCED CABLE  
VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE

**ITW BUILDING COMPONENTS GROUP, INC.**  
**POMPANO BEACH, FLORIDA**

\*BRAINING\*\* TRUSSES REQUIRING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPF TRUSS PLATE MANUFACTURE, 2618 NORTH LEE STR., SUITE 302, ALEXANDRIA, VA 22304; AND VITA CLOUD TRUSS CONSULTANTS, INC., 9700 WILSON BLVD., STE. 200, CHICAGO, IL 60657 FOR TECHNICALS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE BASED ON THE ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR, ITY BCO, INC., SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DR APPLICABLE, HANDLING, SHIPPING, INSTALLING, & BRACING OF TRUSSES. DESIGN COMBINS WITH DR APPLICABLE PROVISIONS OF NOS NATIONAL DESIGN SPEC. BY AREA# AND TETI. SEE DRAWING FOR ADDITIONAL NOTES. E.O.#16066 (CIVILIAN RIGHTS) ASH ASSOC GRADE 40X6(A),ASSOCIALLY STAINLESS STEEL PLATES ARE EACH 1/4" THICK. END STUDS MUST BE MINIMUM 2' SPACED AT THE PER ANNE#A3 OF TPJ-1-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLEY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER MSJC/TPI-1 SEC.2



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

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

WEB LENGTH INCREASE  $W/T$  BRACE

WIND SPEED AND MRH	"TYP." REINF. MBR. SIZE	SBCI	ASCE
110 MPH	2x4	10 %	10 %
110 MPH	15 FT.	2x6	40 %
110 MPH	2x4	10 %	50 %
100 MPH	30 FT.	2x6	10 %
100 MPH	2x4	50 %	50 %
100 MPH	2x4	10 %	10 %
100 MPH	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
100 MPH	30 FT.	2x6	40 %
90 MPH	2x4	40 %	40 %
90 MPH	15 FT.	2x6	20 %
90 MPH	2x4	20 %	10 %
90 MPH	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
90 MPH	30 FT.	2x6	10 %
80 MPH	2x4	30 %	50 %
80 MPH	2x6	10 %	20 %
80 MPH	15 FT.	2x6	30 %
80 MPH	30 FT.	2x4	10 %
80 MPH	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
70 MPH	15 FT.	2x6	20 %
70 MPH	2x4	10 %	20 %
70 MPH	30 FT.	2x6	30 %

**EXAMPLE:**

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24 O.C. SP #3  
"T" REINFORCING MEMBER SIZE = 2X4  
BRACE MEMBER (FROM ABOVE)

$$(1) \text{ 3x4 "1" BRACE LENGTH} = 6' 7" \text{ BRACE INCREASE (FROM ABOVE)} = 10\% = 1.10$$

MAXIMUM "I" REINFORCED GABLE VERTICAL LENGTH

PLACES DRAWINGS CAB98117 876.719 & HC26294035	REF	LET-IN VERT
	DATE	2/23/07
	DRWG	GBLETTIN0207
	-ENG	DLJ/KAR
MAX TOT. LD. 60 PSF		
DUR. FAC. ANY		
MAX SPACING 24.0"		



## 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.

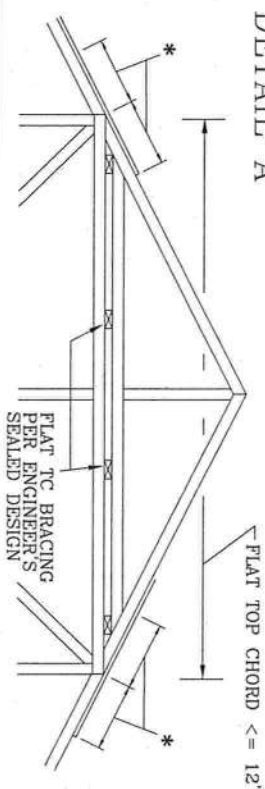
NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK C ANCHORAGE TO PERMANENTLY RESTRAIN PUTLINS.

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 7-02 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.
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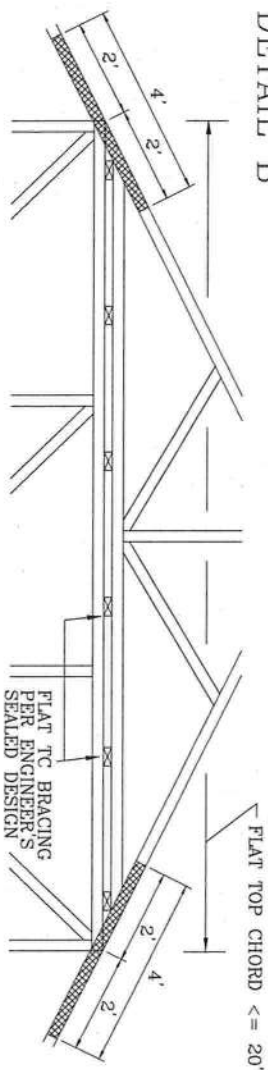
NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PIPINS.

## DETAIL A



\* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

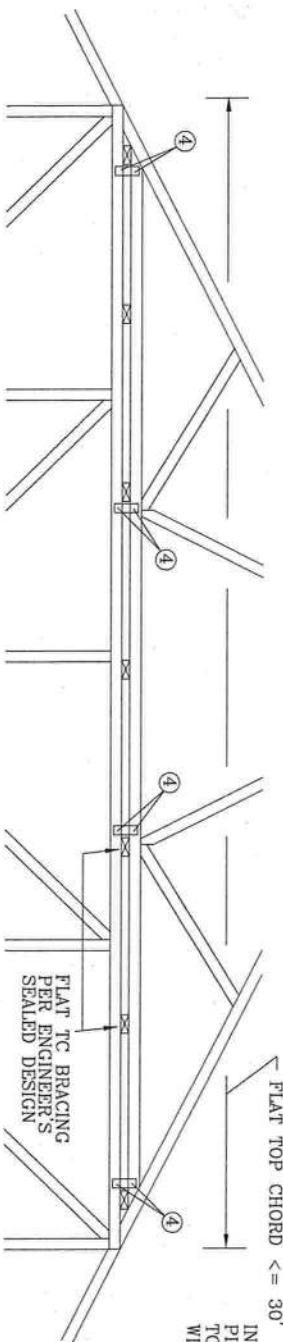
## DETAIL, B



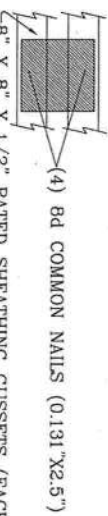
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

## DETAIL, C

CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS  
CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 1607L FOR TRULOX INFORMATION.



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.



THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

# ALPINE

ITW BUILDING COMPONENTS GROUP, INC.  
POMPAHO BEACH, FLORIDA

1. **WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 2108 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22314 AND VITC GUIDED TRUSS COUNCIL D-1, 1996, 5308 EASTPARK DR., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TASKS. THE TRUSS PLATE INDICATES THE TRUSS CHORD SHALL PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

2. **IMPORTANT:** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITU 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 CONTRACTOR WITH TPI, OR APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. BY AISC AND TPI. ITU BCG CONNECTOR PLATES ARE MADE OF 20/80/16/64 (W/H/S/S/S) ASTM A653 GRADE 40/60 (W/H/S/S) 1/2" THICK. THE TRUSS CHORD SHALL BE 20/80/16/64 (W/H/S/S/S) ASTM A653 GRADE 40/60 (W/H/S/S) DESIGN POSITION PER DRAWINGS 1604-2. ANY INSTALLATION OF PLATES FOLLOWED BY 4) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL, ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



TC LL	PSF	REF	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 DETAIL

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

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

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

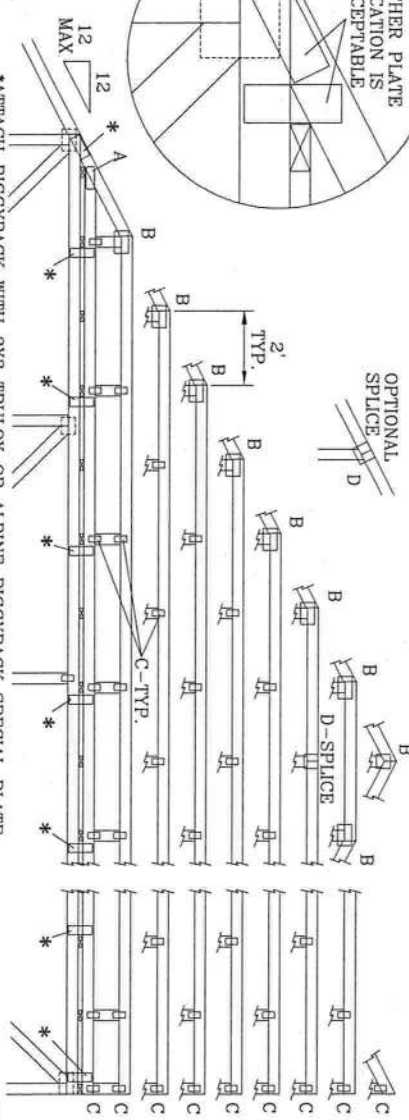
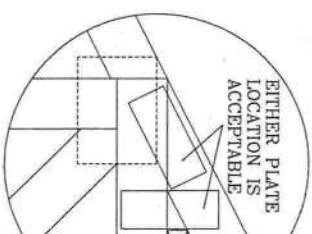
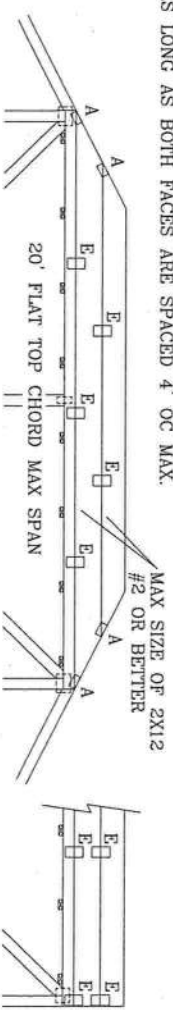
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

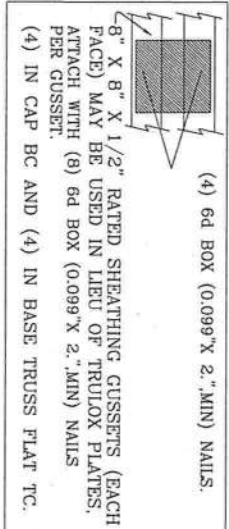
130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E\*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.



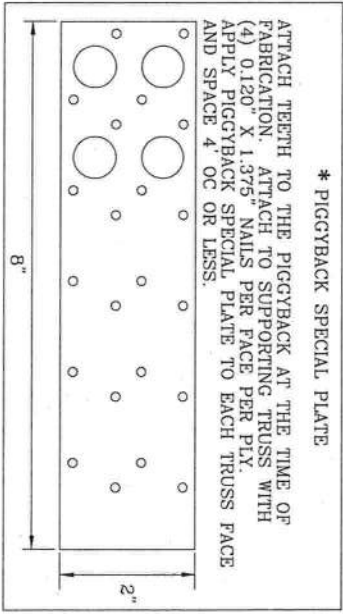
\*ATTACH PIGGYBACK WITH 3X8 TRUSS OR ALPINE PIGGYBACK SPECIAL PLATE.



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 TRUSS AT 4' OC, ROTATED VERTICALLY			

ATTACH TRUSS PLATES WITH (8) 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 TRUSS INFORMATION.

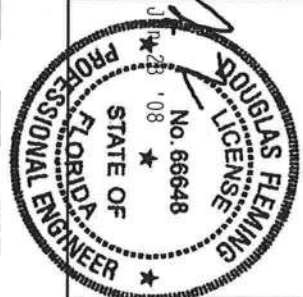
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113" X 2.5" MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135" X 3.5" MIN) NAILS AT 4" OC



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



TRUSS BUILDING COMPONENTS GROUP, INC.  
POMPAHO BEACH, FLORIDA



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

THIS DRAWING REPLACES DRAWINGS 634.016 634.017 & 847.045



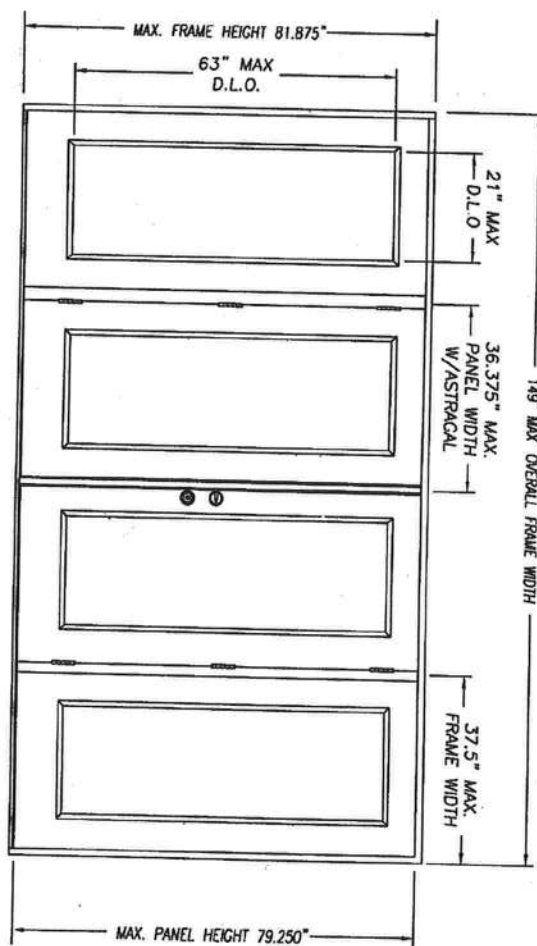
1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED
2. HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84
4. PLASTICS TESTING OF LIFE FRAME MATERIAL.

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1799	680 °F > 650
RATE OF BURNING	ASTM D633	1.10 IN/MIN
SMOKE DENSITY	ASTM D2943	69.6%
TENSILE STRENGTH*	ASTM D638	-7.48% DIFF

\* COMPARES TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1

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

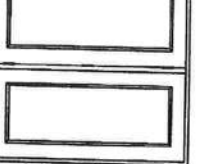
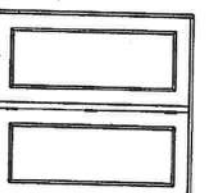
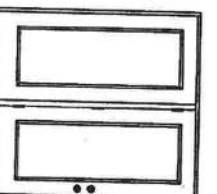
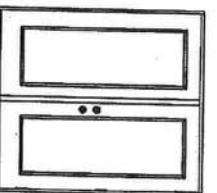
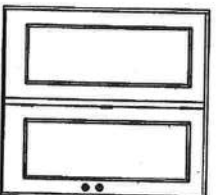
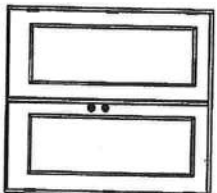
4500 HOURS XENON ARC METHOD 1



DOUBLE INSWING UNIT W/SIDELITES

## Addendum to NALF

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



SINGLE DOOR UNIT

DOUBLE DOOR UNIT

SINGLE DOOR UNIT  
WITH SIDE-LITE

SINGLE DOOR UNIT  
WITH SIDE LITE

SINGLE DOOR UNIT W/SIDELITES

DOUBLE DOOR UNIT W/SIDELITES

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

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE	
		INSULATING	OUTSULING	INSULATING	OUTSULING
X	37.5"	+50.5	+50.5	+19.0	+50.5
XX	74"	+50.5	+50.5	+19.0	+50.5
XX	75"	+50.5	+50.5	+19.0	+50.5
XXO	112.5"	+50.5	+50.5	+19.0	+50.5
XXO	149"	+50.5	+50.5	+19.0	+50.5

DATE: 1/11/05  
SCALE: N.T.S.  
DWG. BY: SWS  
CHK. BY:  
DRAWING NO.  
DWG-MA-FLO130-05  
SHEET 1 OF 3

NO.	DATE	REVISIONS	BY

**PRODUCT:**

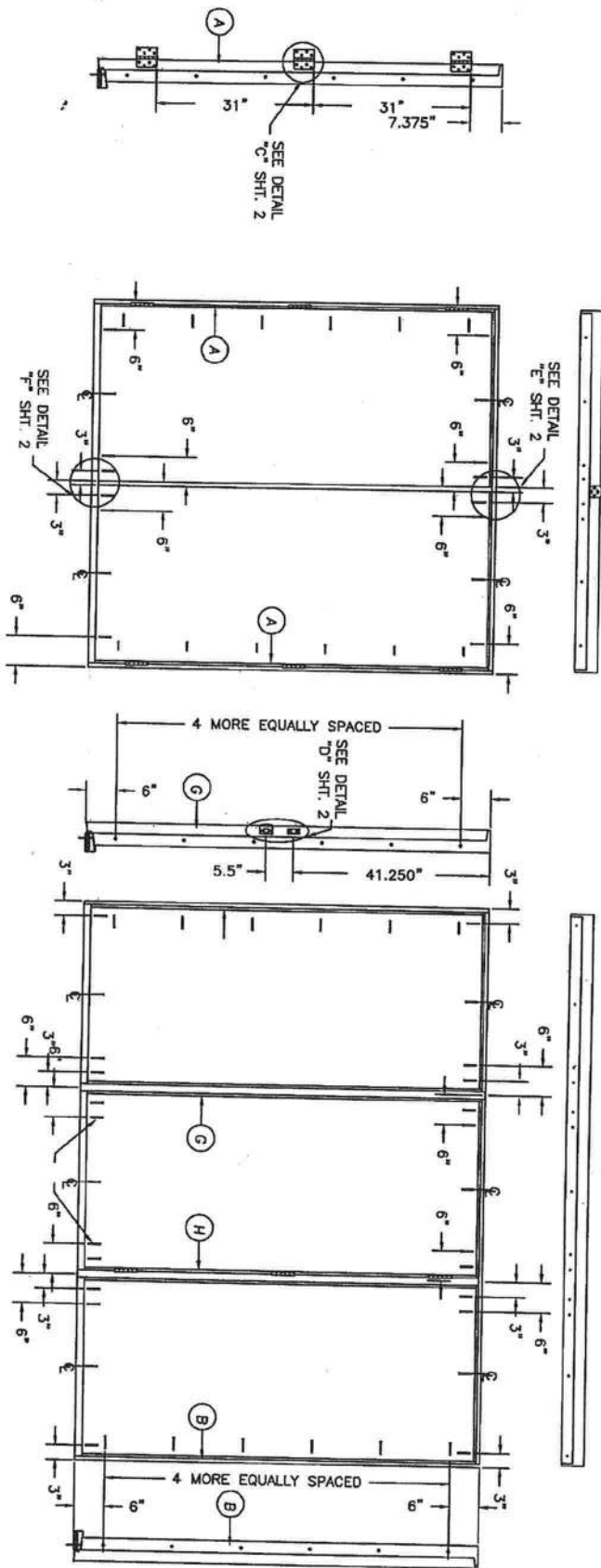
"EXTERIOR DOOR PRODUCT"  
DOUBLE 6'8" GLAZED  
WOOD-EDGE STEEL DOOR

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS  
& GENERAL NOTES

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

DATE	7/11/05	NO.	DATE	REVISIONS	BY
SCALE:	N.T.S.				
DWG. BY:	SWS				
CHK. BY:					
DESIGN NO.:					
DWG. NO.:	110130-05				
SHEET	2 of 3				

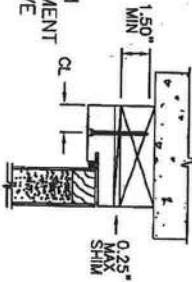




# ATTACHMENT DETAIL

1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY HAROLD E. RUPP, PE (FLORIDA #15935) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS OR 3/16" TAPCONS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION.
2. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AP&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 171 LBS.

TYPICAL ANCHOR INSTALLATION



## HARDWARE SCHEDULE

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

Certified By: Nicole  
 Reviewed By: 8/10/05  
 Design: 8/10/05

PRODUCT: "EXTERIOR DOOR PRODUCT" 6'-8" WOOD-EDGE STEEL GLAZED DOUBLE DOOR UNIT		PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS		MASONITE INTERNATIONAL CORP. 7300 REAMES RD. CHARLOTTE, NC 28216	
DATE:	7/11/05	NO.	DATE	BY	REVISIONS
SCALE:	N.T.S.				
DWG. BY:	SWS				
CHECK BY:					
DRAWING NO.:	DWC-MI-FLO130-05				
SHEET:	3 OF 3				



## SITE NAVIGATION



Home

Course  
AccreditationFlorida  
Building  
CodeManufact.  
BuildingsPrototype  
Building

Surcharge



Training

Product  
ApprovalLicense  
SearchMailing  
ListFlorida  
Building  
Commission

## PRODUCT APPROVAL

Product Type Detail

Overview Product Search Organization Search Product Application

User: Public User - Not Associated with Organization -

[Need Help ?](#)

Application #: FL4904  
Date Submitted: 07/25/2005  
Code Version: 2004

Product Manufacturer: Masonite International  
Address/Phone/email: One North Dale Mabry  
Suite 950  
Tampa, FL 33609  
(615) 441-4258

Category: Exterior Doors

Subcategory: Swinging

Evaluation Method: Certification Mark or Listing

Referenced Standards from the Florida Building Code:	Section	Standard	Year
		TAS 201	1994
		TAS 202	1994
		TAS 203	1994
		ASTM E1300	1998
		ASTM E1300	2002

Section  
2612 HVHZ  
PI

Certification Agency: National Accreditation & Management Institute,

Quality Assurance Entity:

Validation Entity:

Authorized Signature:

Steve Schreiber  
sschreiber@masonite.com

Evaluation/Test Reports Uploaded:  
Installation Documents Uploaded:

[PTID\\_4904\\_I\\_Install 68 WE  
Glazed.pdf](#)  
[PTID\\_4904\\_I\\_Install 68 WE  
Opaque.pdf](#)  
[PTID\\_4904\\_I\\_Install 80 WE  
Glazed.pdf](#)  
[PTID\\_4904\\_I\\_Install 80 WE  
Opaque.pdf](#)

Product Approval Method:

Method 1 Option A

Application Status:

Approved

Date Validated:

09/27/2005

Date Approved:

10/06/2005

Date Certified to the 2004 Code:

Page:

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
4904.1	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size Max DP = +/- 76.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.2	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-

			0" max nominal size Max DP = +/- 70.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.3	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 55.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.4	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -50.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
			Evaluated for use in



4904.5	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque O/S w/ or w/o Sidelites	locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 50.0 / -45.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.6	Wood-edge Steel Side-Hinged Door Units	6'-8" Glazed I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 50.5. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0130-05 for additional information.
4904.7	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed 12'-0" x 8'-0" max nominal size

			<p>Max DP = +40.0 / -45.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.</p>
4904.8	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed O/S Door w/ or w/o Sidelites	<p>Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -40.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.</p>

Next



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## NAMI NOTICE OF PRODUCT LINE CERTIFICATION



Certification No.: NI006110-Page 1

Date: 07/23/05

Revision Date: \_\_\_\_\_

Certification Program: Structural

Company: Masonite International

Code: M-703-1

The "Notice of Product Line Certification" is valid only when Administrator's Seal is applied to the upper left hand portion of this form and a certification label is applied to the product. This certification seal represents product conformity to the applicable specification and that all certification criteria has been satisfied.

The products and systems listed below are approved for listing in the Directory of Certified Products at [www.NAMICertification.com](http://www.NAMICertification.com). Please review, and advise NAMI immediately if data, as shown requires corrections.

**Company:** **Masonite International Corporation**  
**1955 Powis Road**  
**West Chicago, IL 60185**

**Product Line:** **Masonite Wood-Edge Steel Side-Hinged Door Units**

**Test Report:** **NCTL-210-2929-1/210-2930-1/210-2930-7/210-2930-7/210-3121-1/  
210-3123-1/210-3125-1/CTLA-919W**

### **Section 1: General Description of the Products and Systems under this Certification**

- 1.1 Frame:** The frame jambs consist of finger jointed pine with all corners coped, butted, and sealed using three 2" long wire staples (.04375").
- 1.2 Mullion Construction:** Where used, each mullion constructed of laminated lumber with a pine cap and attached to the header and threshold with three #10 x 3" Philips Flat Head Wood Screws.
- 1.3 Glazing:** Where used, the overall insulated glass was glazed into a rigid plastic lip-lite frame. Consisted of symmetric monolithic insulated glass with 3mm (0.118) tempered glass.
- 1.4 Door Leaf Construction:** Each door leaf was constructed from 0.017"(6'8" height) or 0.020"(8'0" height) thick galvanized steel facings.

**National Accreditation & Management Institute, Inc.**  
**11870 Merchants Walk Suite 202-Newport News, VA 23606**  
**TEL(757) 594.8658 FAX(757)594-8659**

**Section 2: Registered Suppliers**

- |            |                    |                                  |
|------------|--------------------|----------------------------------|
| <b>2.1</b> | <b>Door Lites:</b> | <b>ODL, Specialty or Trinity</b> |
| <b>2.2</b> | <b>Astragal:</b>   | <b>Endura Ultimate</b>           |

**Section 3: Additional Supportive Test or Acceptance Data Provided with Certification Documentation included:**

- 3.1** Miami-Dade Building Code Compliance Notice of Acceptance for Lite Frame Material, NOA#02-0429.11; #02-1216.06 and #03-0303.07.
- 3.2** Surface Burning Characteristics for Foam Filled Door performed by Omega Point Laboratories to ASTM E84-98, "Standard Test Method for Surface Burning Characteristics of Building Materials-Report No. 15977-104313.
- 3.3** ASTM E1300 Glass Load Resistance Report provided by National Certified Testing Laboratories NCTL-110-9735-1.
- 3.4** Anchor Calculations for:  
Anchor Performance Calculation Report-Performed by Harold E. Rupp, P.E. (Florida No. 15935.)

See additional Pages of Certification for Certified Product Line Matrix(s) and Installation Details. If you have any questions regarding this certification, please contact NAMI at (757)594-8658.

**National Accreditation & Management Institute, Inc.**  
11870 Merchants Walk Suite 202-Newport News, VA 23606  
TEL(757) 594.8658 FAX(757)594-8659



# NOTICE OF PRODUCT CERTIFICATION

**Company:** Masonite International Corporation  
1955 Powis Road  
West Chicago, IL 60185

**Certification No.:** NI006110-Page 3  
**Certification Date:** 07/23/2005  
**Expiration Date:** 12/31/2008

**Product:** Wood-Edge Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)  
Specifications Tested To: PA 201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at [www.Namincertification.com](http://www.Namincertification.com). NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
X Single	O/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XX Double	I/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XX Double	O/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 30" x 6'8" Installation Drawings-MA-FL0128-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXXO Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXXO Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606

Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

# NOTICE OF PRODUCT CERTIFICATION

**Company:** Masonite International Corporation  
1955 Powis Road  
West Chicago, IL 60185

**Certification No.:** NI006110-Page 4  
**Certification Date:** 07/23/2005  
**Expiration Date:** 12/31/2008

**Product:** Wood-Edge Steel Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)  
Specifications Tested To: PA201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at [www.Namincertification.com](http://www.Namincertification.com). NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
X Single	O/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XX Double	I/S	Opaque	6'0" x 8'0"	+45/-50	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XX Double	O/S	Opaque	6'0" x 8'0"	+50/-45	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+45/-50	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+50/-45	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+45/-50	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+50/-45	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXXO Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+45/-50	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05
OXXO Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+50/-45	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Installation Drawings-MA-FL0129-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606  
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

# NOTICE OF PRODUCT CERTIFICATION

**Company:** Masonite International Corporation  
1955 Powis Road  
West Chicago, IL 60185

**Certification No.:** NI006110-Page 5  
**Certification Date:** 07/23/2005  
**Expiration Date:** 12/31/2008

**Product:** Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)  
Specifications Tested To: PA 202-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at [www.Namincertification.com](http://www.Namincertification.com). NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
X Single	O/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XX Double	I/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XX Double	O/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 MA-WL0115/16/17/18/19/20/21-02 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXOX Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05
OXOX Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Installation Drawings-MA-FL0130-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606

Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

# NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation  
1955 Powis Road  
West Chicago, IL 60185

Certification No.: NI006110-Page 6  
Certification Date: 07/23/2005  
Expiration Date: 12/31/2008

Product: Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)  
Specifications Tested To: PA 202-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at [www.Namincertification.com](http://www.Namincertification.com). NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
X Single	O/S	Glazed	3'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XX Double	I/S	Glazed	6'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XX Double	O/S	Glazed	6'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+40/-45	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+45/-40	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+40/-45	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+45/-40	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXOX Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+40/-45	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05
OXOX Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+45/-40	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Installation Drawings-MA-FL0131-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606  
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:





Architectural Testing

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

Rendered to:

**JORDAN COMPANIES****SERIES/MODEL: 8500  
TYPE: PVC Single Hung Window**

Title of Test	Results
AAMA/WDMA Rating	H-R40 (44 x 84)
Uniform Load Deflection Test Pressure	$\pm 40.0$ psf
Operating Force	10 lbs max.
Air Infiltration	0.21 cfm/ft <sup>2</sup>
Water Resistance Test Pressure	6.00 psf
Uniform Load Structural Test Pressure	$\pm 60.0$ psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to full report for test specimen description and data.

Report No: 02-48976.02  
Report Date: 02-26-04  
Expiration Date: 02-25-08



Architectural Testing

**AAMA/WDMA 101/LS.2-97 TEST REPORT**

Rendered to:

JORDAN COMPANIES  
P.O. Box 18377  
Memphis, Tennessee 38118

Report No: 02-48976.02  
Test Date: 02/25/04  
Report Date: 02/26/04  
Expiration Date: 02/25/08

**Project Summary:** Architectural Testing, Inc. (ATI) was contracted by Jordan Companies to perform tests on a Jordan Companies Series 8500 Single Hung Window. The sample tested successfully met the performance requirements for a H-R40 44 x 84 rating. Test specimen description and results are reported herein.

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

**Test Specimen Description:**

**Series/Model:** 8500

**Type:** PVC Single Hung Window

**Overall Size:** 3' 8" wide by 7' 0" high

**Sash Size:** 3' 4-3/8" wide by 2' 5" high

**Fixed D.L.O. Size:** 3' 4-3/4" wide by 4' 5" high

**Screen Size:** 3' 4-3/4" wide by 2' 4-1/4" high

**Finish:** All PVC was white

849 Western Avenue North  
Saint Paul, Minnesota 55117-5245  
phone: 651.636.3835  
fax: 652.836.3843  
www.archtest.com

**Test Specimen Description: (Continued)**

**Glazing Type:** The window utilized nominal 3/4" insulating glass comprised of two single-strength annealed sheets in the operating sash and two double-strength sheets in the fixed lite and a desiccant-filled metal spacer system. The glass for the fixed area was set from the interior into a bed of silicone sealant with PVC stops used on the interior. The sash was glazed from the exterior into a bed of silicone sealant with PVC stops used on the exterior.

**Weatherstripping:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.260" high by 0.187" backed pile with center fin	1 Row	Sash top and bottom rails
0.260" high by 0.187" backed pile with center fin	2 Rows	Sash stiles

**Frame Construction:** Frame corners were miter-cut and welded. Aluminum reinforcement was utilized in the fixed meeting rail (Jordan part number H-2447).

**Sash Construction:** Sash corners were miter-cut and welded. Aluminum reinforcement was utilized in the top rail (Jordan part number H-2448).

**Hardware:**

Metal cam locks with keepers	2	6" from ends and meeting rail
Plastic tilt latches	2	Sash top rail corners
Metal tilt pins	2	Sash bottom rail corners
Block-and-tackle balances	2	One per jamb

**Drainage:**

3/16" by 5/8" slots	2	1-3/4" from ends in sill pocket to hollow below
1/8" by 1/2" slots	4	1-3/4" and 2" from each end through sill exterior face

**Installation:** The unit was installed into a Grade 2 SPF 2" by 8" wood test buck secured through the flange with 1-5/8" screws spaced 4" from corners and 8" on center. The nail fin was sealed to the buck with silicone.

**Test Results:** The results are tabulated as follows.

<u>Paragraph</u>	<u>Title of Test</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force		
	Force to initiate motion	10 lbs	30 lbs max.
	Force to keep in motion	8 lbs	30 lbs max.
2.1.2	Air Infiltration per ASTM E 283-97 (See Note #1) @ 1.57 psf (25 mph)	0.21 cfm/ft <sup>2</sup>	0.30 cfm/ft <sup>2</sup>
<i>Note #1: The tested specimen meets the performance levels specified in AAMA/WDMA 101/I.S.2-97 for air infiltration.</i>			
2.1.3	Water Resistance per ASTM 547-97 (See Note #2)		
2.1.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #2)		
2.1.4.2	Uniform Load Structural per ASTM E 330-97 (See Note #2)		
<i>Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance."</i>			
2.2.1.6.2	Deglazing Test per ASTM E 987		
	In operating direction @ 70 lbs		
	Top rail	0.04"/ 8%	0.500"/100%
	Bottom rail	0.06"/12%	0.500"/100%
	In remaining direction @ 50 lbs		
	Left stile	0.04"/8%	0.500"/100%
	Right stile	0.03"/6%	0.500"/100%
2.1.7.	Corner Weld Test	Meets as stated	Meets as stated
2.1.8	Forced Entry Resistance per ASTM F 588-97		
	Type A		
	Grade 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry



**Test Results: (Continued)**

<u>Paragraph</u>	<u>Title of Test</u>	<u>Results</u>	<u>Allowed</u>
<u>Optional Performance:</u>			
4.3	Water Resistance per ASTM E 547-97 WTP = 6.00 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #3) (Measurements reported were taken on the meeting rail) (Loads were held for 60 seconds) @ 40.0 psf (positive) @ 40.0 psf (negative)	0.45" 0.52"	(See Note #3) (See Note #3)
4.4.2	Uniform Load Structural per ASTM E 330-97 (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 60.0 psf (positive) @ 60.0 psf (negative)	0.03" 0.03"	0.16" max. 0.16" max.

*Note #3: The Uniform Load Deflection test is not a AAMA/NWWDA 101/I.S. 2-97 requirement for this product designation. The data is recorded in this report for information only.*

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator. This report may not be reproduced except in full without the approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

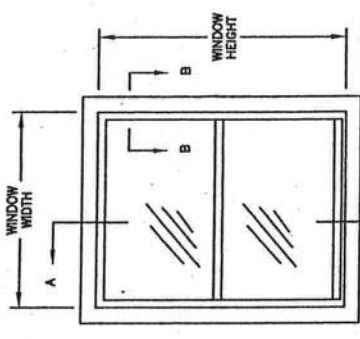
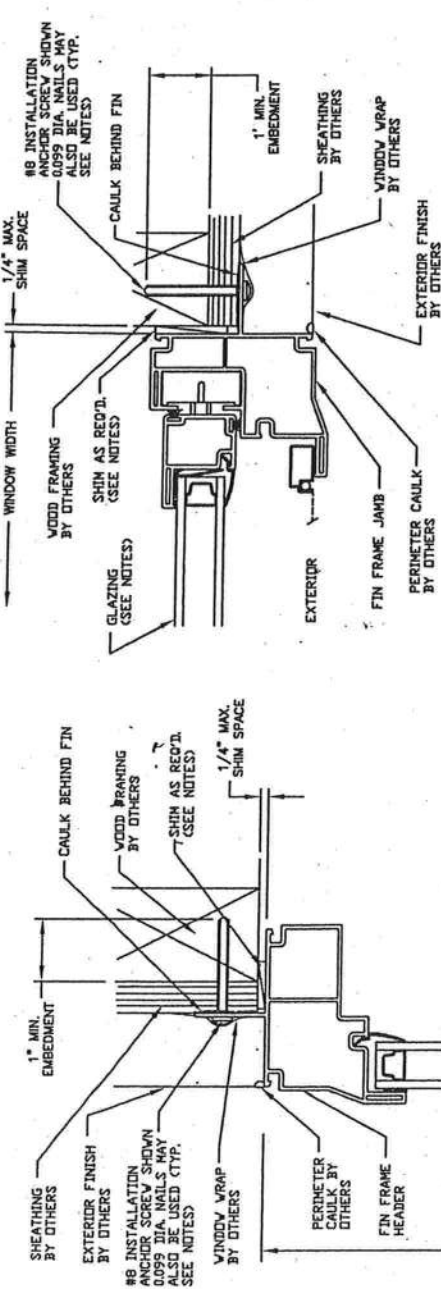
  
Digitally Signed by: Paul L. Spiess

Paul L. Spiess  
Project Manager

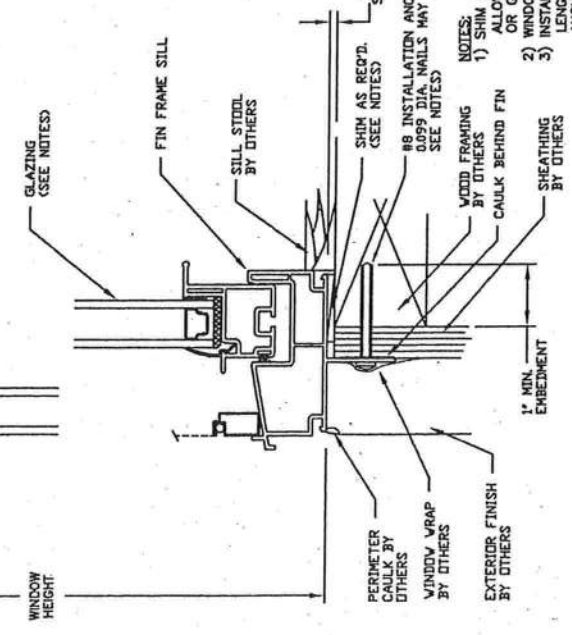
  
Digitally Signed by: Daniel A. Johnson

Daniel A. Johnson  
Regional Manager

18500 SH 13783 DO 1385.3 SLDR 13843



VIEWED FROM EXTERIOR



SECTION A-A

- NOTES:
- 1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". APPLY SHIM WHERE SPACE OF 1/16"
  - 2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE
  - 3) INSTALLATION ANCHORS: #8 SCREW & JOBB DIA. NAILS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. USE INSTALLATION ANCHOR CHART FOR NUMBER OF ANCHORS REQ'D.
  - 4) IF EXACT WINDOW SIZE IS NOT LISTED, USE NEXT LARGER SIZE IN THE INSTALLATION CHART FOR NUMBER OF ANCHORS
  - 5) USE CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
  - 6) USE CAULK BEHIND WINDOW FIN.
  - 7) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
  - 8) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE AT THE DESIGN PRESSURES INDICATED ON THE COMPARATIVE ANALYSIS & ANCHOR CHART.

COMPARATIVE ANALYSIS & ANCHOR CHART				
WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF	NO. OF #8 SCREWS REQ'D. IN FRAME	NO. OF #8 DIA. NAILS REQ'D. IN FRAME	N.D. DF. 0.090
WIDTH/HEIGHT	EXTERIOR	INTERIOR	HEAD & SILL	8 EA. JAMB
23-5/8 X 35-5/8	40	120	2	3
23-5/8 X 43-5/8	40	108	2	3
23-5/8 X 47-5/8	40	88	2	3
23-5/8 X 51-5/8	40	81	2	3
23-5/8 X 59-5/8	40	80	2	3
23-5/8 X 71-5/8	40	66	2	3
23-5/8 X 81	40	56	2	3
27-5/8 X 35-5/8	40	99	2	3
27-5/8 X 43-5/8	40	91	2	3
27-5/8 X 47-5/8	40	86	2	3
27-5/8 X 51-5/8	40	81	2	3
27-5/8 X 59-5/8	40	75	2	3
27-5/8 X 71-5/8	40	67	2	3
27-5/8 X 81	40	56	2	3
29-5/8 X 35-5/8	40	90	2	3
29-5/8 X 43-5/8	40	85	2	3
29-5/8 X 47-5/8	40	81	2	3
29-5/8 X 51-5/8	40	75	2	3
29-5/8 X 59-5/8	40	67	2	3
29-5/8 X 71-5/8	40	53	2	3
29-5/8 X 81	40	47	2	3
31-5/8 X 35-5/8	40	83	2	3
31-5/8 X 43-5/8	40	78	2	3
31-5/8 X 47-5/8	40	75	2	3
31-5/8 X 51-5/8	40	71	2	3
31-5/8 X 59-5/8	40	63	2	3
31-5/8 X 71-5/8	40	53	2	3
31-5/8 X 81	40	47	2	3
35-5/8 X 35-5/8	40	70	3	3
35-5/8 X 43-5/8	40	69	3	3
35-5/8 X 47-5/8	40	67	3	3
35-5/8 X 51-5/8	40	61	3	3
35-5/8 X 59-5/8	40	51	3	3
35-5/8 X 71-5/8	40	43	3	3
35-5/8 X 81	40	42	3	3
39-5/8 X 35-5/8	40	61	3	3
39-5/8 X 43-5/8	40	60	3	3
39-5/8 X 47-5/8	40	58	3	3
39-5/8 X 51-5/8	40	56	3	3
39-5/8 X 59-5/8	40	51	3	3
39-5/8 X 71-5/8	40	43	3	3
39-5/8 X 81	40	40	3	3
43-5/8 X 35-5/8	40	53	3	3
43-5/8 X 43-5/8	40	52	3	3
43-5/8 X 47-5/8	40	50	3	3
43-5/8 X 51-5/8	40	49	3	3
43-5/8 X 59-5/8	40	45	3	3
43-5/8 X 71-5/8	40	40	3	3
43-5/8 X 81	40	40	3	3
44 X 35-5/8	48	52	3	3
44 X 43-5/8	40	51	3	3
44 X 47-5/8	40	48	3	3
44 X 51-5/8	40	44	3	3
44 X 59-5/8	40	44	3	3
44 X 71-5/8	40	40	3	3
44 X 81	40	40	3	3

JORDAN

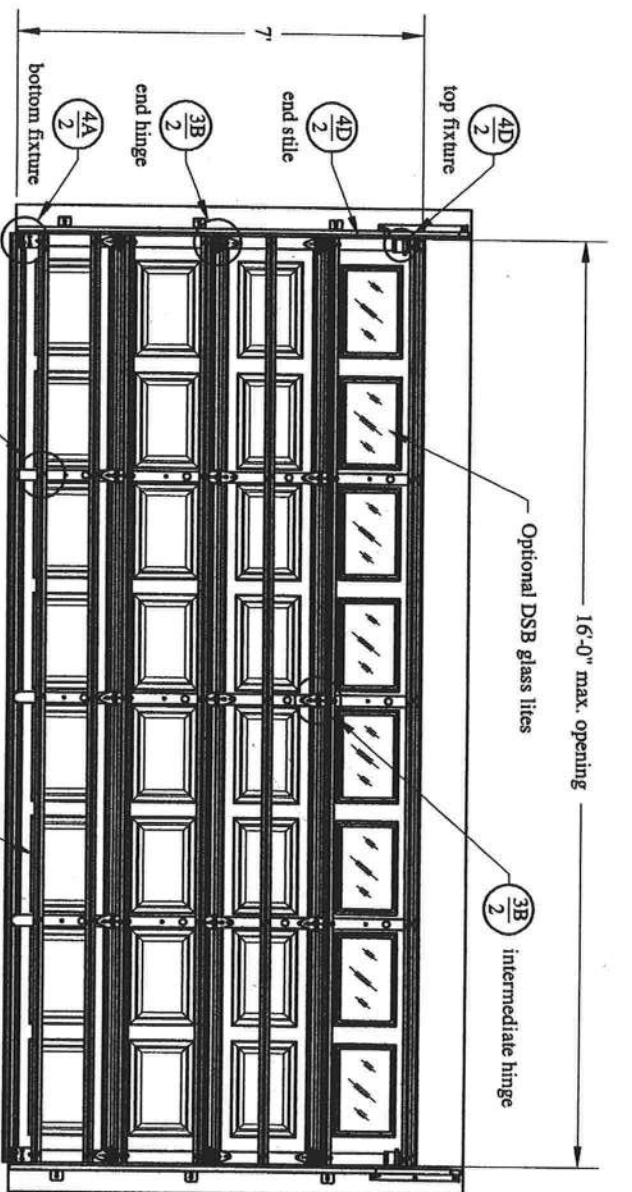
P.O. BOX 18377  
MIAMI, FL 33188  
PHONE (305) 303-2121

DESCRIPTION: SERIES 8500 SINGLE HUNG  
 INSTALLATION DETAIL

DATE: 6/21/02 FILE NAME: JRDN0025 DRAWN BY: BB

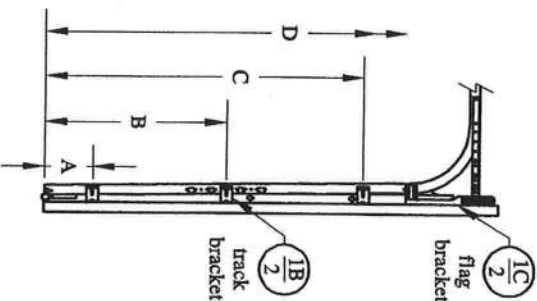
REV	DESCRIPTION	DATE
A	REVISED DP CAPACITIES & ANCHOR QNTYS.	08-03-02

Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225



door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

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



Track Bracket Chart		door height									
		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"	
track brackets		D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"
	C	60"	63"	66"	58"	55"	58"	60"	63"	66"	
	B	35"	35"	38"	34"	31"	34"	32"	35"	38"	
	A	10"	7"	10"	10"	7"	10"	4"	7"	10"	

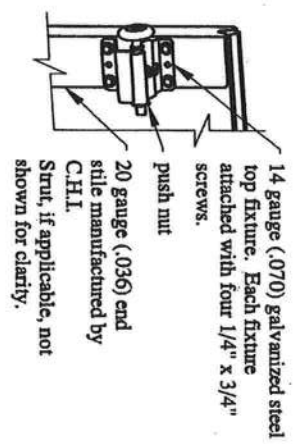
Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108-2002  
Design Pressure (DP): 18.5 pos / 20.7 neg  
Test Pressure (TP): 27.8 pos / 31.1 neg  
Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of:  
V = 110 MPH for Exposure B and mean roof height of 30' or less  
V = 93 MPH for Exposure C and mean roof height of 30' or less  
Maximum door size: 16'-0" wide by 14'-0" tall  
Glazing and door have not been tested for windborne debris.  
Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.  
If door is not electrically operated, a lock must be installed.

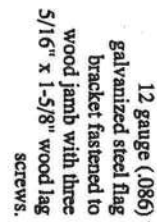
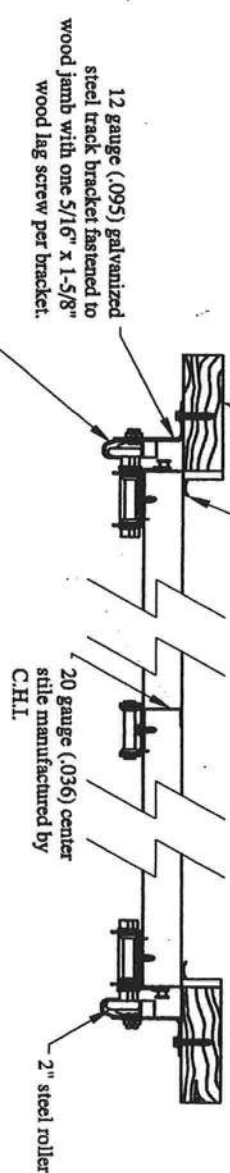
Professional Engineer's seal provided only for verification of windload construction details

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

Details on some views may have been omitted for clarity.

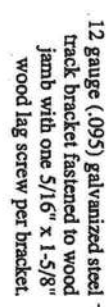


The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

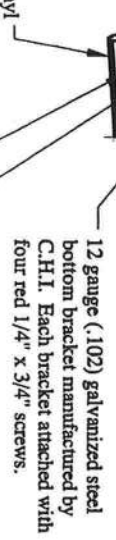
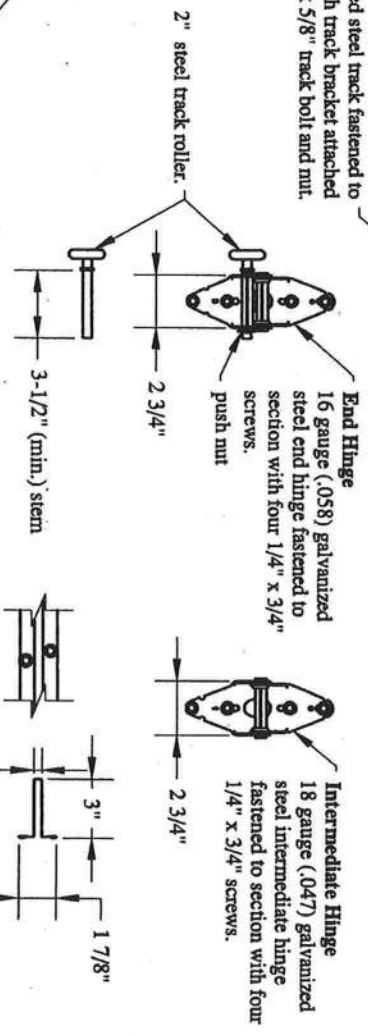


Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

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



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



Aluminum extrusion

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

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

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

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

Model 2250/51 (16'-0" wide)  
C.H.I. Drawing: Z3-1607-01100

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DEVELOPMENT

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MANAGEMENT

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SECRETARY

## Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	Elk Corpor.
Category	Roofing	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

## Search Results - Applications

FL#	Type	Manufacturer	Validated By
<a href="#">FL586-R2</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL728-R1</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL1476-R2</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL2143-R2</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL3453-R1</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Underlayments	
<a href="#">FL3461-R2</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Underlayments	PRI Asphalt Technologies, Inc (813) 621-5777
<a href="#">FL5178</a>	New	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Other	
<a href="#">FL5511-R1</a> <a href="#">History</a>	Revision	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Underlayments	
<a href="#">FL5524</a>	New	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL5683</a>	New	Elk Corporation <b>Category:</b> Roofing <b>Subcategory:</b> Asphalt Shingles	
<a href="#">FL5783</a>	New	Elk Corporation <b>Category:</b> Roofing	PRI Asphalt Technologies, Inc (813) 621-5777





ELK

LAKE CITY INDUSTRIES • 10000 W. 10TH AVENUE • DENVER, CO 80231 • TEL: 303.440.1000 • FAX: 303.440.1001

PRESTIQUE®  
HIGH DEFINITION®

RAISED PROFILE®

Prestique Plus High Definition  
and Prestique Gallery Collection\*\*

Product size 13'x39"  
Exposure 5"  
Pieces/Bundle 18  
Bundles/Square 4/98.5 sq.ft.  
Squares/Pallet 11

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

## Raised Profile

Product size 13'x39"  
Exposure 5"  
Pieces/Bundle 22  
Bundles/Square 2/100 sq.ft.  
Squares/Pallet 18

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

## Prestique I High Definition

Product size 13'x39"  
Exposure 5"  
Pieces/Bundle 18  
Bundles/Square 4/98.5 sq.ft.  
Squares/Pallet 14

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

## HIP AND RIDGE SHINGLES

## Seal-A-Ridge® w/FLX™

Size: 12"x12"  
Exposure: 8"  
Pieces/Bundle: 45  
Coverage: 4 Bundles =  
100 linear feet

## Vented RidgeCrest™ w/FLX™

Size: 12"x13"  
Exposure: 9"  
Pieces/Box: 26  
Coverage: 5 boxes =  
100 linear feet

## Prestique High Definition

Product size 13'x39"  
Exposure 5"  
Pieces/Bundle 22  
Bundles/Square 2/100 sq.ft.  
Squares/Pallet 16

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

## Elk Starter Strip

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

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

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

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

All Prestique and Raised Profile shingles meet UL Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790);  
and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 1068 and the requirements of ASTM D 3462.

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

\*See notes of limited warranty for conditions and limitations.

\*\*Effective January 1, 2004, the seven year non-prorated Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for each product. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all eaves and end gables, on Elk ventilation systems, and Elk All-Climate Seal-A-Ridge Underlayment in all valleys. Additionally, Elk All-Climate Seal-A-Ridge Underlayment is required along the eaves and end gables of the roof in and north of the states of VA, KY, MD, KS, CO, UT, WY, & OR.

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

## SPECIFICATIONS

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

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

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

**Materials:** Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two pieces of underlayment overlapped a minimum of 18". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

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

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

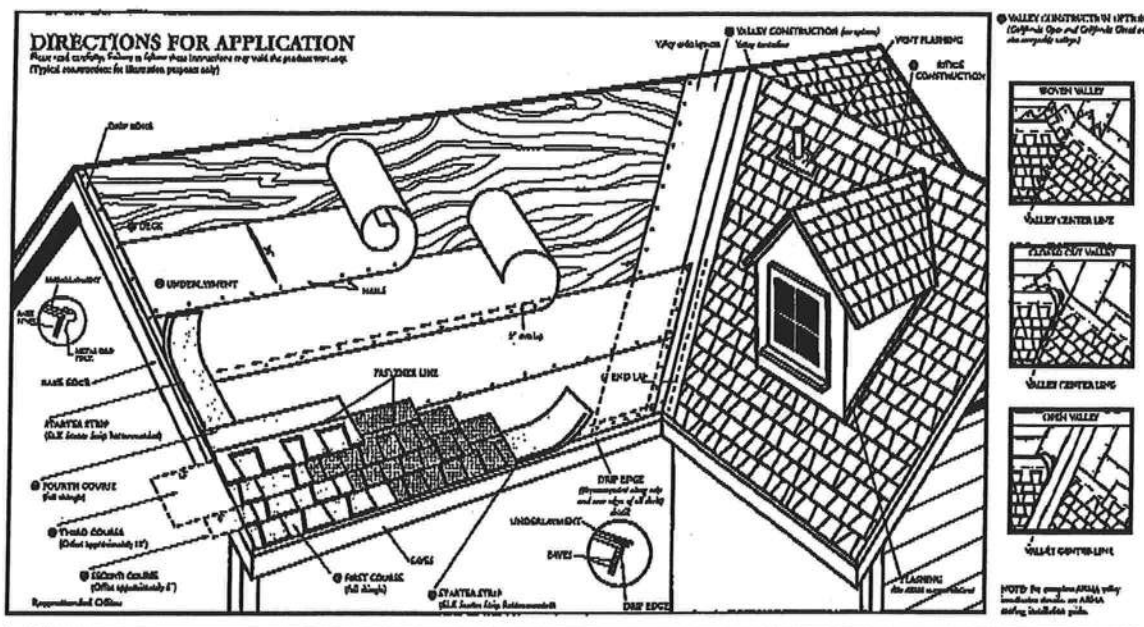
For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

SOUTHEAST &  
ATLANTIC OFFICE:  
800.945.5551

CORPORATE HEADQUARTERS:  
800.354.7732

PLANT LOCATION:  
800.945.5545

**ELK**  
The Premium Choice®  
www.elkcorp.com  
SS00T 06/04



### DIRECTIONS FOR APPLICATION

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

#### DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/4" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

#### UNDERLAYMENT

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

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 15" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the eaves, horizontally placed along the eaves and completely overlapping the starter strip.

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

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

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

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

#### STARTER SHINGLE COURSE

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

#### FIRST COURSE

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

#### SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 5". Other offsets are approved if greater than 4".

#### THIRD COURSE

Offset the next course by 5" with respect to the second course, or consistent with the original offset.

#### FOURTH COURSE

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

#### FIFTH AND SUCCEEDING COURSES

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

#### VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturers Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 5" of valley center.

#### RIDGE CONSTRUCTION

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

#### FASTENERS

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

Using the fastener line as a reference, nail or staple the shingle in the double thickness (laminated) area. For shingles without a fastener line, nails or staples must be placed between and/or in the equal area.

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

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

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

#### MANSARD APPLICATIONS

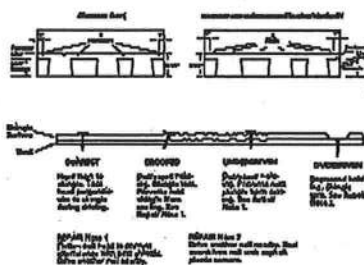
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° for 21/12 use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

#### LIMITED WIND WARRANTY

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

#### HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the "fastener line" or an products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those ELK has specified. All Prestique and Raised Profile shingles have a U.L.C. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

**CAUTION TO WHOLESALE:** Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.



Water Wells  
Pumps & Service

Phone: (386) 752-6677  
Fax: (386) 752-1477

## **Lynch Well Drilling, Inc.**

173 SW Young Place  
Lake City, FL 32025  
[www.lynchwelldrilling.com](http://www.lynchwelldrilling.com)

April 12, 2007

Columbia County Building Department  
P. O. Box 1529  
Lake City, FL 32056

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,



Linda Newcomb  
Lynch Well Drilling, Inc.

Water Wells  
Pumps & Service

Phone: (386) 752-6677  
Fax: (386) 752-1477

## Lynch Well Drilling, Inc.

173 SW Young Place  
Lake City, FL 32025  
www.lynchwelldrilling.com

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Aermotor Pump Model S20-100 HP 1

System Pressure (PSI) On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 20(GPM)

Tank Installation: Bladder /Galvanized Make Challenger

Model PC 244 Size 81 gallon

Tank Drawdown per cycle at system pressure 25.1 gallons

  
Signature

2609  
License Number

Linda Newcomb  
Print Name

4/12/07  
Date



# RIGHT-J LOAD AND EQUIPMENT SUMMARY

## Entire House

Touchstone Heating and Air, Inc.

P.O. Box 327, Lake Butler, FL 32054 Phone: 386-496-3467 Fax: 386-496-3147

Job: S.L. Dicks  
Subdivision 1/23/08

### Project Information

For: Stanley Crawford Construction  
1531 SW Commercial Glen, Lake City, FL 32025  
Phone: 386-752-5152 Fax: 386-755-2165

Notes:

### Design Information

Weather: Gainesville, FL, US

#### Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

#### Summer Design Conditions

Outside db	90 °F
Inside db	75 °F
Design TD	15 °F
Daily range	M
Relative humidity	55 %
Moisture difference	40 gr/lb

#### Heating Summary

Building heat loss	12461 Btuh
Ventilation air	0 cfm
Ventilation air loss	0 Btuh
Design heat load	12461 Btuh

#### Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	1

	Heating	Cooling
Area (ft <sup>2</sup> )	2181	2181
Volume (ft <sup>3</sup> )	18539	18539
Air changes/hour	0.20	0.10
Equiv. AVF (cfm)	62	31

#### Heating Equipment Summary

Make	Trane
Trade	
TWP036C	
Efficiency	9.1 HSPF
Heating input	
Heating output	46000 Btuh @ 47°F
Heating temp rise	26 °F
Actual heating fan	1600 cfm
Heating air flow factor	0.128 cfm/Btuh
Space thermostat	

#### Sensible Cooling Equipment Load Sizing

Structure	29488 Btuh
Ventilation	1275 Btuh
Design temperature swing	3.0 °F
Use mfg. data	n
Rate/swing multiplier	0.95
Total sens. equip. load	29225 Btuh

#### Latent Cooling Equipment Load Sizing

Internal gains	4370 Btuh
Ventilation	2101 Btuh
Infiltration	840 Btuh
Total latent equip. load	7312 Btuh

Total equipment load	36536 Btuh
Req. total capacity at 0.70% SHR	3.5 ton

#### Cooling Equipment Summary

Make	Trane
Trade	
TWP036C	
TWE036P13	
Efficiency	13.0 SEER
Sensible cooling	33800 Btuh
Latent cooling	14400 Btuh
Total cooling	48000 Btuh
Actual cooling fan	1600 cfm
Cooling air flow factor	0.054 cfm/Btuh
Load sensible heat ratio	81 %

*Bold/italic values have been manually overridden*

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



# Notice of Treatment

12931

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

Address: 536 SE BAY AVE

City LAKE CITY FL Phone 386 752 1703

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

Lot # 3 Block# \_\_\_\_\_ Permit# 26734

Address 1531 SE ALDINE FEAGLE DR.

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

<input type="checkbox"/> Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

<input checked="" type="checkbox"/> Termidor	Fipronil	0.12%
--	----------	-------

<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
------------------------------------	----------------------------------	-------

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling (Porch/Garage)

3193

282

300

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

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

2/25/08

Date

0845

Time

GUNNY

Print Technician's Name

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

26734 ADD to 13021

## Notice of Treatment

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

Address: 536 SE BAYA AVE

City: LAKE CITY Phone: 752-1703

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

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

Address 1531 SE ALDINE FEAGLE DR

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

<input type="checkbox"/> Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

<input checked="" type="checkbox"/> Termidor	Fipronil	0.12% 06
--	----------	----------

<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
------------------------------------	----------------------------------	-------

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

<u>DRIVEWAY</u>	<u>APPROX N/A</u>	<u>30</u>	<u>12</u>
<u>WALKWAY</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

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

6/18/08  
Date

1530  
Time

F254 GUNNY  
Print Technician's Name

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©