

DATE 07/12/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000026017

APPLICANT TERRANCE JONES, SR PHONE 867-4139
 ADDRESS 470 NE COOLEY WAY LAKE CITY FL 32055
 OWNER TERRANCE JONES, SR PHONE 867-4139
 ADDRESS 415 NW FRIENDSHIP WAY LAKE CITY FL 32055
 CONTRACTOR TERRANCE JONES PHONE 867-4139
 LOCATION OF PROPERTY 41N, TL ON BAUGHN, TL ON FRIENDSHIP, LEFT CORNER OF FRIENDSHIP AND BAUGHN

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 109900.00
 HEATED FLOOR AREA 2198.00 TOTAL AREA 3015.00 HEIGHT STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
 LAND USE & ZONING A-3 MAX. HEIGHT
 Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 28-2S-16-01722-012 SUBDIVISION PINE HILLS
 LOT 12 BLOCK PHASE UNIT TOTAL ACRES

000001418
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor *Terrence Jones*
 CULVERT 07-530-N BK JH Y
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 108

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 \$ 550.00 CERTIFICATION FEE \$ 15.08 SURCHARGE FEE \$ 15.08
 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 680.16
 INSPECTORS OFFICE *[Signature]* CLERKS OFFICE *CA*

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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

01772-012

107

Columbia County Building Permit Application

For Office Use Only Application # 0107-21 Date Received 7/6 By JW Permit # 107/26017

Application Approved by - Zoning Official BLK Date 12.07.07 Plans Examiner OK JTT Date 7-10-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments _____

NOC EH Deed or PA Site Plan No State Road Info Parent Parcel # Development Permit Fax _____

Name Authorized Person Signing Permit TERENCE L. JONES, Sr. Phone 386.867.4139

Address 470 NE COOLEY WAY, LAKE CITY, FL 32055

Owners Name TERENCE L. JONES, Sr. Phone 386.867.4139

911 Address 415 NW FRIENDSHIP INAV, LAKE CITY, FL 32055

Contractors Name TERENCE L. JONES, Sr. Phone _____

Address _____

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address H.L. BENNETT, F.E. - HAN MOUNTAIN, LABELLE, FL 33935

Mortgage Lenders Name & Address QASH

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

Property ID Number 28-25-16-01722-012 Estimated Cost of Construction 100,000.

Subdivision Name Pine Hills S/D Lot 12 Block _____ Unit _____ Phase _____

Driving Directions 41-N TO BAUGHN RD, TL TO FRIENDSHIP WAY, TL + Q He CORNER of FRIENDSHIP + BAUGHN,

Type of Construction - V-FIL (FRAMED) Number of Existing Dwellings on Property 0

Total Acreage 5.030 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 363' Side 153' Side 100' Rear 240'

Total Building Height 18' Number of Stories 1 Heated Floor Area 2198 Roof Pitch 7/12
TOTAL 3015

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.

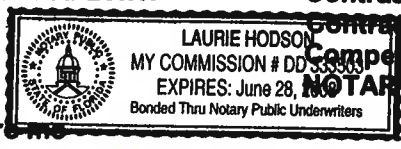
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Terence L. Jones, Sr.
Owner Builder or Authorized Person by Notarized Letter

Terence L. Jones, Sr.
Contractor Signature

STATE OF FLORIDA
COUNTY OF COLUMBIA



Contractors License Number _____
Competency Card Number _____
NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me
this 06 day of July 20 07.

Lizbeth L.
Notary Signature

Personally known or Produced Identification _____

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001418

DATE 07/12/2007 PARCEL ID # 28-2S-16-01722-012
APPLICANT TERRANCE JONES, SR PHONE 867-4139
ADDRESS 470 NE COOLEY WAY LAKE CITY FL 32055
OWNER TERRANCE JONES, SR PHONE 867-4139
ADDRESS 415 NW FRIENDSHIP WAY LAKE CITY FL 32055
CONTRACTOR TERRANCE JONES, SR PHONE 867-4139
LOCATION OF PROPERTY 41N, TL ON BAUGHN, TL ON FRIENDSHIP, LEFT CORNER OF FRIENDSHIP
AND BAUGHN

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PINE HILLS 12

SIGNATURE *Terrance Jones*

INSTALLATION REQUIREMENTS

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 INSTALATION 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



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 470 NE Cooley Way, Lake City, FL, 32024

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2199.0	20.04	7932.2	Double,U=0.61,Clear	SE	1.5	6.0	75.0	43.89	0.88	2907.5
				Double,U=0.61,Clear	NE	1.5	4.0	6.0	30.76	0.83	153.5
				Double,U=0.61,Clear	NW	1.5	6.0	35.0	27.22	0.93	881.6
				Double,U=0.61,Clear	NW	9.0	6.0	30.0	27.22	0.58	470.7
				Double,U=0.61,Clear	NW	9.0	8.0	14.0	27.22	0.62	234.5
				Double,U=0.61,Clear	SW	1.5	4.0	12.0	41.30	0.76	378.3
				Double,U=0.52,Clear	NE	9.0	8.0	42.0	31.25	0.56	732.1
				As-Built Total:				214.0	5758.2		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Exterior	1687.3	1.70	2868.4	Frame, Wood, Exterior	13.0		1687.3	1.50		2531.0	
Adjacent	303.3	0.70	212.3	Frame, Wood, Adjacent	11.0		303.3	0.70		212.3	
Base Total:	1990.6		3080.7	As-Built Total:			1990.6	2743.3			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Exterior	42.0	4.10	172.2	Exterior Wood	42.0 6.10 256.2						
Adjacent	0.0	0.00	0.0								
Base Total:	42.0		172.2	As-Built Total:	42.0 256.2						
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2199.0	1.73	3804.3	Under Attic	30.0		2199.0	1.73 X 1.00		3804.3	
Base Total:	2199.0		3804.3	As-Built Total:			2199.0	3804.3			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	194.3(p)	-37.0	0.0	Slab-On-Grade Edge Insulation	0.0		194.3(p)	-41.20		0.0	
Raised	0.0	0.00	0.0								
Base Total:			0.0	As-Built Total:			0.0	0.0			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	2199.0	10.21	22451.8				2199.0	10.21	22451.8		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 470 NE Cooley Way, Lake City, FL, 32024	PERMIT #:
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BASE				AS-BUILT						
Summer Base Points: 37441.2				Summer As-Built Points: 35013.7						
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
37441.2	0.4266		15972.4	35014	1.00	(1.08 x 1.147 x 0.86)	0.263	1.000		9853.4
37441.2	0.4266		15972.4	35013.7	1.00	1.072	0.263	1.000		9853.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 470 NE Cooley Way, Lake City, FL, 32024

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2199.0	12.74	5042.7	Double,U=0.61,Clear	SE	1.5	6.0	75.0	7.62	1.10	626.9
				Double,U=0.61,Clear	NE	1.5	4.0	6.0	16.35	1.02	99.7
				Double,U=0.61,Clear	NW	1.5	6.0	35.0	17.05	1.00	598.5
				Double,U=0.61,Clear	NW	9.0	6.0	30.0	17.05	1.03	526.9
				Double,U=0.61,Clear	NW	9.0	8.0	14.0	17.05	1.03	245.0
				Double,U=0.61,Clear	SW	1.5	4.0	12.0	9.62	1.15	132.4
				Double,U=0.52,Clear	NE	9.0	8.0	42.0	13.69	1.05	602.0
As-Built Total:								214.0	2831.4		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Exterior	1687.3	3.70	6243.0	Frame, Wood, Exterior	13.0		1687.3	3.40		5736.8	
Adjacent	303.3	3.60	1091.9	Frame, Wood, Adjacent	11.0		303.3	3.60		1091.9	
Base Total:	1990.6		7334.9	As-Built Total:			1990.6	6828.7			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Exterior	42.0	8.40	352.8	Exterior Wood	42.0 12.30 516.6						
Adjacent	0.0	0.00	0.0								
Base Total:	42.0		352.8	As-Built Total:	42.0 516.6						
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2199.0	2.05	4507.9	Under Attic	30.0		2199.0	2.05 X 1.00		4507.9	
Base Total:	2199.0		4507.9	As-Built Total:	2199.0 4507.9						
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	194.3(p)	8.9	0.0	Slab-On-Grade Edge Insulation	0.0		194.3(p)	18.80		0.0	
Raised	0.0	0.00	0.0								
Base Total:			0.0	As-Built Total:	0.0 0.0						
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
	2199.0	-0.59	-1297.4		2199.0 -0.59 -1297.4						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **470 NE Cooley Way, Lake City, FL, 32024** PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 15941.0			Winter As-Built Points: 13387.2					
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
15941.0	0.6274	10001.4	(sys 1: Electric Heat Pump 42000 btuh ,EFF(8.1) Ducts:Unc(S),Con(R),Int(AH),R6.0 13387.2 -1.000 (1.060 x 1.169 x 0.88) 0.421 1.000 6170.0					
15941.0	0.6274	10001.4	13387.2	1.00	1.095	0.421	1.000	6170.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: 470 NE Cooley Way, Lake City, FL, 32024	PERMIT #:
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BASE	AS-BUILT											
WATER HEATING												
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	X	Multiplier X Credit	= Total Multiplier	
3		2635.00	7905.0	40.0	0.92	3		1.00		2635.00	1.00	7905.0
As-Built Total:											7905.0	

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
15972		10001		7905		33879	9853		6170		7905		23928

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 470 NE Cooley Way, Lake City, FL, 32024	PERMIT #:
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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 cir 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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.1

The higher the score, the more efficient the home.

Terrance Jones, 470 NE Cooley Way, Lake City, FL, 32024

<p>1. New construction or existing New <input type="checkbox"/> <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/> <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/> <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/> <input type="checkbox"/></p> <p>5. Is this a worst case? No <input type="checkbox"/> <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 2199 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <p style="margin-left: 20px;">a. U-factor: Description Area</p> <p style="margin-left: 40px;">(or Single or Double DEFAULT) 7a. (Dble, U=0.6) 75.0 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">b. SHGC:</p> <p style="margin-left: 40px;">(or Clear or Tint DEFAULT) 7b. (Clear) 214.0 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p>8. Floor types</p> <p style="margin-left: 20px;">a. Slab-On-Grade Edge Insulation R=0.0, 0.0(p) ft <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p>9. Wall types</p> <p style="margin-left: 20px;">a. Frame, Wood, Exterior R=13.0, 1687.3 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">b. Frame, Wood, Adjacent R=11.0, 303.3 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">d. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">e. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p>10. Ceiling types</p> <p style="margin-left: 20px;">a. Under Attic R=30.0, 2199.0 ft² <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p>11. Ducts</p> <p style="margin-left: 20px;">a. Sup: Unc. Ret: Con. AH(Sealed):Interior Sup. R=6.0, 177.0 ft <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p>	<p>12. Cooling systems</p> <p style="margin-left: 20px;">a. Central Unit Cap: 40.5 kBtu/hr <input type="checkbox"/></p> <p style="margin-left: 40px;">SEER: 13.00 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p>13. Heating systems</p> <p style="margin-left: 20px;">a. Electric Heat Pump Cap: 42.0 kBtu/hr <input type="checkbox"/></p> <p style="margin-left: 40px;">HSPF: 8.10 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p>14. Hot water systems</p> <p style="margin-left: 20px;">a. Electric Resistance Cap: 40.0 gallons <input type="checkbox"/></p> <p style="margin-left: 40px;">EF: 0.92 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">c. Conservation credits <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 40px;">(HR-Heat recovery, Solar</p> <p style="margin-left: 40px;">DHP-Dedicated heat pump)</p> <p>15. HVAC credits <input type="checkbox"/> <input type="checkbox"/></p> <p style="margin-left: 20px;">(CF-Ceiling fan, CV-Cross ventilation,</p> <p style="margin-left: 20px;">HF-Whole house fan,</p> <p style="margin-left: 20px;">PT-Programmable Thermostat,</p> <p style="margin-left: 20px;">MZ-C-Multizone cooling,</p> <p style="margin-left: 20px;">MZ-H-Multizone heating)</p>
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I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance 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 EnergyStarTM 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 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.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.21)



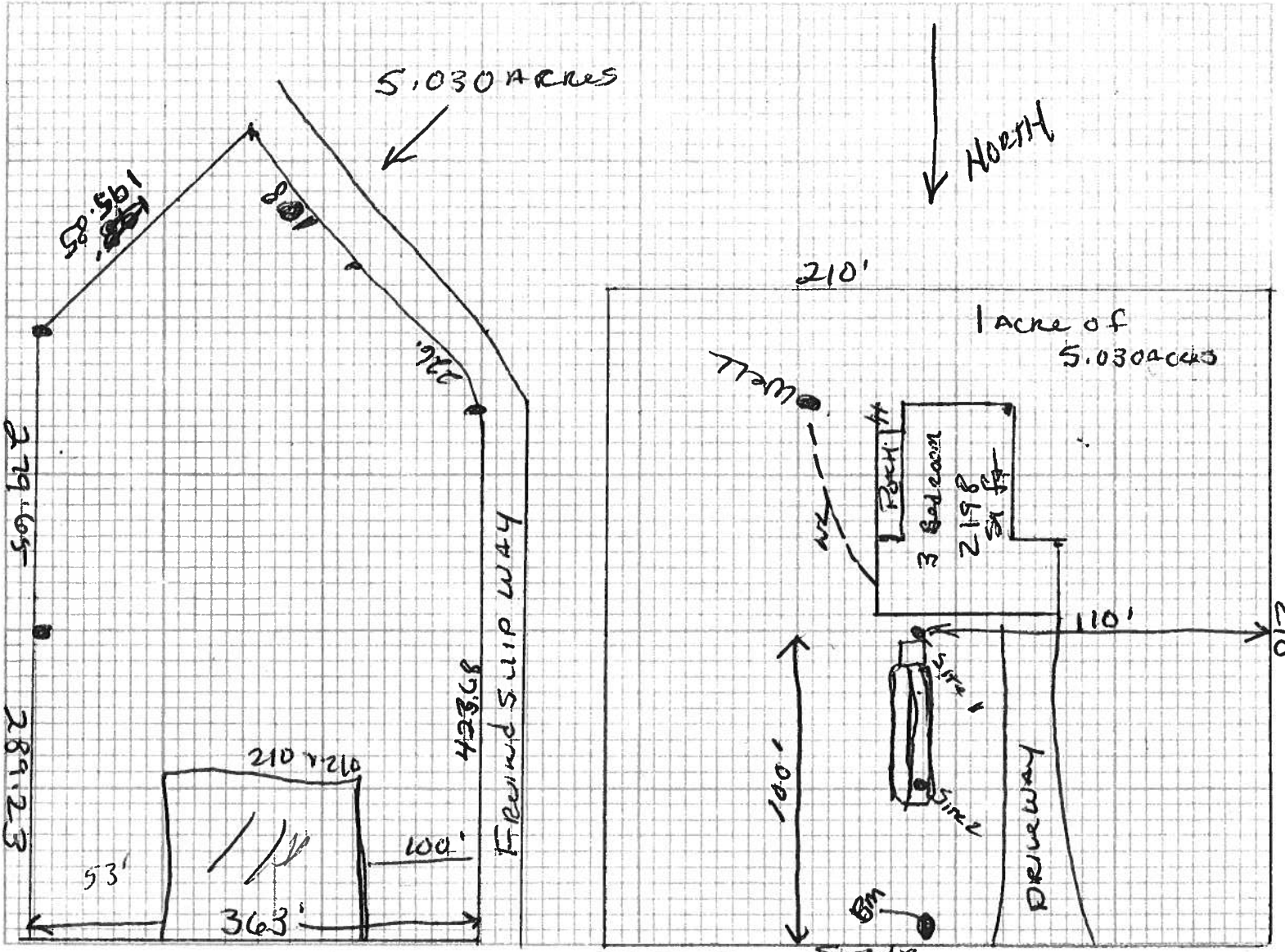
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0530-N

PART II - SITE PLAN

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



Notes: Bavon Rd

Terrance Jove
Lot 12 PineHills
415 NW Friendship Way

Site Plan submitted by: [Signature] Signature Agos Title

Plan Approved Not Approved Date 7/5/07

By [Signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



STATE OF FLORIDA
DEPARTMENT OF HEALTH

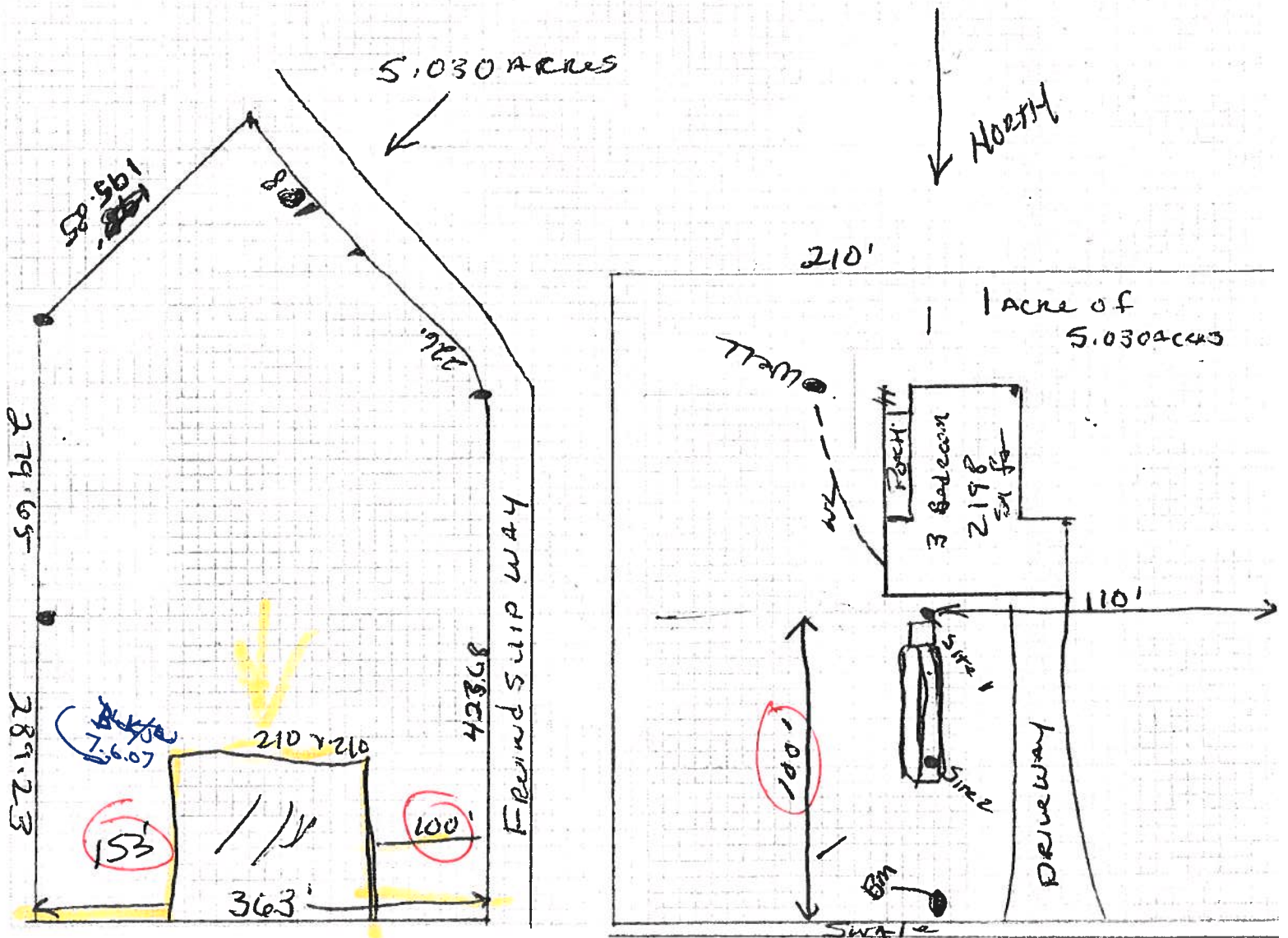
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

Jones

PART II - SITE PLAN

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



Notes: BAUGHM RD
TERRANCE JONE
LOT 12 PINEHILLS
415 NW FRIENDSHIP WAY

Site Plan submitted by: *Robert W. Jones* Signature
Jones Title

Plan Approved _____ Not Approved _____ Date _____

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

2007 Proposed Values

Parcel: 28-2S-16-01772-012

[Tax Record](#)

[Property Card](#)

[Interactive GIS Map](#)

[Print](#)

Owner & Property Info

<< Prev Search Result: 106 of 126 Next >>

Owner's Name	JONES TERRENCE LAVARR SR		
Site Address			
Mailing Address	470 NE COOLEY WAY LAKE CITY, FL 32055		
Use Desc. (code)	VACANT (000000)		
Neighborhood	28216.02	Tax District	3
UD Codes	MKTA03	Market Area	03
Total Land Area	5.030 ACRES		
Description	LOT 12 PINEHILLS S/D. ORB 894-2680, QC 1112-2076		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$30,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$30,000.00

Just Value	\$30,000.00
Class Value	\$0.00
Assessed Value	\$30,000.00
Exempt Value	\$0.00
Total Taxable Value	\$30,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
2/27/2007	1112/2076	QC	V	U	01	\$100.00
1/10/2000	894/2680	WD	V	U	03	\$15,000.00

Building Characteristics

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

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (5.030AC)	1.00/1.00/1.00/1.00	\$28,000.00	\$28,000.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

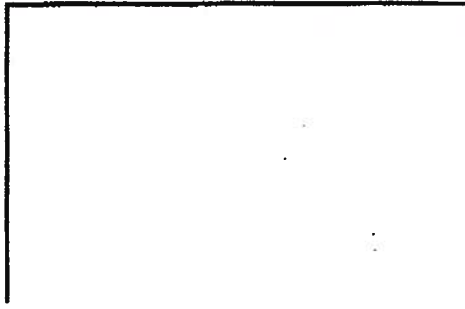
<< Prev

106 of 126

Next >>

THIS INSTRUMENT PREPARED BY:

**MARK E. FEAGLE, ESQUIRE
FEAGLE & FEAGLE, ATTORNEYS, P.A.
133 NE Madison Street
Post Office Box 1653
Lake City, Florida 32056-1653
Florida Bar No. 0576905
(Prepared as to form only without
benefit of title search or survey)**



Inst:2007005270 Date:03/05/2007 Time:15:23

Doc Stamp-Deed : 0.70

A 7 DC, P. DeWitt Cason, Columbia County B:1112 P:2076

QUIT CLAIM DEED



THIS QUIT-CLAIM DEED made this 21 day of February, 2007, by
GWENDOLYN G. WILLIAMS and GWENDOLYN P. HUNT, first party, to **TAMIYA K.
JONES**, whose post office address is 148 NE Poppy Way, Lake City, Florida 32055 and
TERRENCE LAVARR JONES, SR., whose post office address is 470 NE Cooley Way, Lake
City, Florida 32055, second party.

WITNESSETH:

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

**LOT 12, PINEHILLS, a subdivision as recorded in Plat Book 5, Pages 58-58A,
Columbia County, Florida, subject to Restrictions recorded in O.R. Book 569,
Page 107, Columbia County, Florida, and subject to power Line Easement.**

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

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

Signed, sealed and delivered
in the presence of:

Suzette C. Woolsey
Witness
Suzette C. Woolsey
Print or Type Name

Dani Brown
Witness
Terri Brown
Print or Type Name

Suzette C. Woolsey
Witness
Suzette C. Woolsey
Print or Type Name

Dani Brown
Witness
Terri Brown
Print or Type Name

Gwendolyn G. Williams (SEAL)
GWENDOLYN G. WILLIAMS

Gwendolyn P. Hunt (SEAL)
GWENDOLYN P. HUNT

Inst:2007005270 Date:03/05/2007 Time:15:23
Doc Stamp-Deed : 0.70
DC,P.Dewitt Cason,Columbia County B:1112 P:2078

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

The foregoing instrument was acknowledged before me this 20th day of February, 2007, by GWENDOLYN G. WILLIAMS who is personally known to me or who has produced FL DL as identification.



Suzette C. Woolsey
Notary Public, State of Florida

My commission expires: 7/6/10

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

The foregoing instrument was acknowledged before me this 21 day of February, 2007, by GWENDOLYN P. HUNT who is personally known to me or who has produced FL DL as identification.



Suzette C. Woolsey
Notary Public, State of Florida

My commission expires:

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: 6/6/2007 DATE ISSUED: 6/8/2007

ENHANCED 9-1-1 ADDRESS:

415 NW FRIENDSHIP WAY

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

28-2S-16-01772-012

Remarks:

LOT 12 PINEHILLS 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

JUN 08 2007

911Addressing/GIS Dept

796

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1854
FAX (386) 755-7022
904 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

January 23, 2007

Notice To All Contractors:

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

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

Thank You ,

A handwritten signature in cursive script that reads "Donald D. Hall". The signature is written in black ink and is positioned below the "Thank You," text.

Donald D. Hall

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

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.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE
RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 28-25-16-01722-012 Permit Number 26017

1. Description of property: (legal description of the property and street address or 911 address)

Pumbill S/D Act II

2. General description of improvement: New Home

3. Owner Name & Address Manuel Gano 470 N.E. Collins
Way Lake City, FL 32055 Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name N/A owner builder Phone Number _____

Address _____

6. Surety Holders Name N/A Phone Number _____

Address _____

Amount of Bond N/A Inst: 200712015570 Date: 7/12/2007 Time: 5:03 PM

7. Lender Name N/A OC.P DeWitt Cason Columbia County Page 1 of 1

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be
served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name N/A Phone Number _____

Address _____

9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lien Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of
recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN
IN HIS/HER STEAD.

Yessama Gano
Signature of Owner

Sworn to (or affirmed) and subscribed before day of July, 202007

Gale Tedder
Signature of Notary NOTARY STAMP/SEAL



H.L. BENNETT & ASSOCIATES, INC.

◆ CIVIL ENGINEERING ◆ LAND SURVEYING ◆ CONSTRUCTION

P.O. Box 2137
LaBelle, Florida 33975
Phone: (863) 675-8882
hlb@hlbennett.org

241 E. Yeomans Avenue
LaBelle, Florida 33935
Fax: (863) 675-1327

October 9, 2007

Columbia County Building Department
Post Office Box 1529
Lake City, Florida 32056
Attn: Randy

Re: Terrance Jones
Permit #26017
Foundation Alternate (Monolithic vs. Stemwall)

To Whom It May Concern:

This is in regards to the above referenced project. Owner Builder - Terrance Jones – proposes to construct a monolithic footer at living to rear porch bearing wall. Approved drawings showed stemwall footer – the alternate footer would be a 12” x 16” deep monolithic footer (3000 PSI concrete) w/ (2) #5 rebars – continuous.

Please accept this letter as an addendum to the permitted drawings. If you have any questions/comments please call our office at 863-675-8882.

Sincerely,



H.L. Bennett, PE #32534

JANUARY 3, 2009

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink that reads "Terrance Jones". The signature is written in a cursive style with a large initial "T" and "J".

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

APRIL 3, 2009

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink that reads "Terrance Jones". The signature is written in a cursive style with a large initial 'T' and a long, sweeping underline.

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

JULY 3, 2009

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink, appearing to read "Terrance Jones, Sr.", written in a cursive style.

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

OCTOBER 3, 2009

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink, appearing to read "Terrance Jones, Sr.", written in a cursive style.

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

JANUARY 5, 2010

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink, appearing to read "Terrance Jones, Sr.", written in a cursive style.

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

JULY 5, 2010

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,

A handwritten signature in black ink that reads "Terrance Jones, Sr." in a cursive style.

TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

NOVEMBER 5, 2010

**COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055**

TO WHOM IT MAY CONCERN:

**THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.**

SINCERELY,

A handwritten signature in blue ink, appearing to read "Terrance Jones".

**TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139**

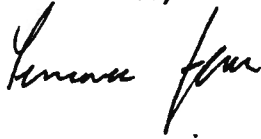
9.12.11

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,



TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

4-11-11

COLUMBIA COUNTY BUILDING & ZONING DEPT.
135 NE HERNANDO AVENUE, STE B. 21-A
LAKE CITY, FL 32055

TO WHOM IT MAY CONCERN:

THIS LETTER IS WRITTEN FOR A 90 DAY EXTENSION FOR PERMIT NUMBER
26017 @ 415 NW FRIENDSHIP WAY, LAKE CITY, FLORIDA. I AM BUILDING AS I
GET FUNDS FOR CONTINUATION OF CONSTRUCTION.

SINCERELY,



TERRANCE JONES, SR.
470 NE COOLEY WAY
LAKE CITY, FL 32055
386.867.4139

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000002055**

J. H. Cooney

DATE 11/08/2013 PARCEL ID # 28-2S-16-01772-012

APPLICANT TERRANCE JONES, SR. PHONE 386.466.5795

ADDRESS 470 NE COOLEY WAY LAKE CITY FL 32055

OWNER TERRANCE JONES, SR. PHONE 386.466.5795

ADDRESS 415 NW FRIENDSHIP WAY LAKE CITY FL 32055

CONTRACTOR TERRANCE JONES, SR. PHONE 386-466-5795

LOCATION OF PROPERTY 41-N TO BAUGHN, TL TO FRIENDSHIP WAY, TL @ THE CORNER OF
BAUGHN & FRIENDSHIP.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PINE HILLS 12



INSTALLATION INFORMATION

SIGNATURE *Terrance Jones Sr*

- (A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.
- (B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control: Section 4.2.3 standards. Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.
- (C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.
- (D) Mitered-end culverts shall be used in the following applications:
 - (1) When the culvert is to be placed giving access to a paved street;
 - (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more;
 - (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length;
 - (4) When the predominant use already established by the use of mitered-end culverts period.

Culvert installation shall conform to the approved site plan standards.

Department of Transportation Permit installation approved standards.

Shall conform to Public Works Determinations as Stated Below:

18" diameter X 32' long corrugated metal pipe
w/ poured concrete mitered end sections

P W Inspectors Name: *Corey McCray*

Date: 11/13/13

Final Inspection Date: 12/4/13

P W Inspectors Name: *Corey McCray*

Signature: *Corey McCray*

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT

Phone: 386-758-1019

26012 added another d/w

Amount Paid 25.00 /cs

Check No. CASH REC'D.

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert

Project Summary
Entire House
 Glenn I. Jones, Inc.

Job: Jones Residence
 Date:
 By: Louis Weeks

Project Information

For: Terrance Jones
 470 NE Cooley Way, Lake City, FL 32024
 Phone: 867-4139

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 92 °F
 Inside db 75 °F
 Design TD 17 °F
 Daily range M
 Relative humidity 50 %
 Moisture difference 52 gr/lb

Heating Summary

Structure 30246 Btuh
 Ducts 1512 Btuh
 Central vent (0 cfm) 0 Btuh
 Humidification 0 Btuh
 Piping 0 Btuh
 Equipment load 31759 Btuh

Sensible Cooling Equipment Load Sizing

Structure 24864 Btuh
 Ducts 2486 Btuh
 Central vent (0 cfm) 0 Btuh
 Blower 0 Btuh
 Use manufacturer's data n
 Rate/swing multiplier 0.97
 Equipment sensible load 26530 Btuh

Infiltration

Method Simplified
 Construction quality Average
 Fireplaces 0

	Heating	Cooling
Area (ft ²)	2199	2199
Volume (ft ³)	21989	21989
Air changes/hour	0.70	0.40
Equiv. AVF (cfm)	257	147

Latent Cooling Equipment Load Sizing

Structure 7669 Btuh
 Ducts 0 Btuh
 Central vent (0 cfm) 0 Btuh
 Equipment latent load 7669 Btuh
 Equipment total load 34199 Btuh
 Req. total capacity at 0.70 SHR 3.2 ton

Heating Equipment Summary

Make Carrier
 Trade Base 13 Puron HP
 Model 25HBA342A30
 Efficiency 8.1 HSPF
 Heating input
 Heating output 42000 Btuh @ 47°F
 Temperature rise 28 °F
 Actual air flow 1350 cfm
 Air flow factor 0.043 cfm/Btuh
 Static pressure 0.50 in H2O
 Space thermostat

Cooling Equipment Summary

Make Carrier
 Trade Base 13 Puron HP
 Cond 25HBA342A30
 Coil FY4ANF042
 Efficiency 13 SEER
 Sensible cooling 28350 Btuh
 Latent cooling 12150 Btuh
 Total cooling 40500 Btuh
 Actual air flow 1350 cfm
 Air flow factor 0.049 cfm/Btuh
 Static pressure 0.50 in H2O
 Load sensible heat ratio 0.78

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
 Florida Engineering Certificate of Authorization Number: 567
 Florida Certificate of Product Approval # FL1999
 Page 1 of 1 Document ID: IT8K8228Z0228083251

Truss Fabricator: Anderson Truss Company
 Job Identification: 7-183--OWNER BUILDER Terrance Jones -- 961-8330
 Truss Count: 49
 Model Code: Florida Building Code
 Truss Criteria: ANSI/TPI-2002(STD)/FBC
 Engineering Software: Alpine Software, Version 7.36.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 the seal date per section 61G15-31.003(5a) of the FAC
 Address:
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 130 MPH ASCE 7-98 -Closed



Seal Date: 06/26/2007

-Truss Design Engineer-
 Arthur R. Fisher
 Florida License Number: 59687
 1950 Marley Drive
 Haines City, FL 33844

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-A13015EC-GBLLETIN-PIGBACKA-PIGBACKB-

#	Ref	Description	Drawing#	Date
1	91373--H7A		07179025	06/28/07
2	91374--H9A		07179004	06/28/07
3	91375--H11A		07179005	06/28/07
4	91376--H13A		07179006	06/28/07
5	91377--H14A		07179007	06/28/07
6	91378--H7B		07179026	06/28/07
7	91379--H11B		07179008	06/28/07
8	91380--H13B		07179009	06/28/07
9	91381--H15B		07179010	06/28/07
10	91382--B1		07179011	06/28/07
11	91383--H9B		07179012	06/28/07
12	91384--H7C		07179027	06/28/07
13	91385--H9C		07179013	06/28/07
14	91386--H7D		07179028	06/28/07
15	91387--H5D		07179029	06/28/07
16	91388--H9D		07179014	06/28/07
17	91389--D1		07179030	06/28/07
18	91390--D2		07179031	06/28/07
19	91391--D3		07179032	06/28/07
20	91392--D4		07179033	06/28/07
21	91393--D5		07179034	06/28/07
22	91394--D6		07179035	06/28/07
23	91395--D7		07179036	06/28/07
24	91396--D8		07179037	06/28/07
25	91397--D9		07179038	06/28/07
26	91398--D12		07179039	06/28/07
27	91399--D13		07179040	06/28/07
28	91400--D14		07179041	06/28/07
29	91401--D15		07179042	06/28/07
30	91402--D16		07179043	06/28/07
31	91403--D17		07179044	06/28/07
32	91404--E1		07179015	06/28/07
33	91405--E-GE		07179045	06/28/07
34	91406--J1		07179046	06/28/07
35	91407--HJ7		07179047	06/28/07
36	91408--HJ7A		07179048	06/28/07

#	Ref	Description	Drawing#	Date
37	91409--HJ5		07179049	06/28/07
38	91410--J3		07179016	06/28/07
39	91411--J5		07179017	06/28/07
40	91412--EJ7		07179018	06/28/07
41	91413--EJ7A		07179019	06/28/07
42	91414--J7		07179020	06/28/07
43	91415--EJ5		07179021	06/28/07
44	91416--EJ7B		07179022	06/28/07
45	91417--EJ7C		07179050	06/28/07
46	91418--J3A		07179023	06/28/07
47	91419--J5A		07179024	06/28/07
48	91420--DP1		07179051	06/28/07
49	91421--DP2		07179052	06/28/07



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

SPECIAL LOADS

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

TC - From	63 PLF at -2.00 to	63 PLF at 7.00
TC - From	63 PLF at 7.00 to	63 PLF at 25.00
BC - From	5 PLF at 25.00 to	63 PLF at 34.00
BC - From	5 PLF at -2.00 to	5 PLF at -0.00
BC - From	20 PLF at -0.00 to	20 PLF at 32.00
BC - From	5 PLF at 32.00 to	5 PLF at 34.00
TC - From	185 LB Conc. Load at 7.06,	9.06, 11.06, 13.06, 15.06
TC - From	18.94, 18.94, 20.94, 22.94,	24.94
BC - From	990 LB Conc. Load at 7.00,	25.00
BC - From	189 LB Conc. Load at 9.06,	11.06, 13.06, 15.06, 16.94
BC - From	18.94, 20.94, 22.94	

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

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

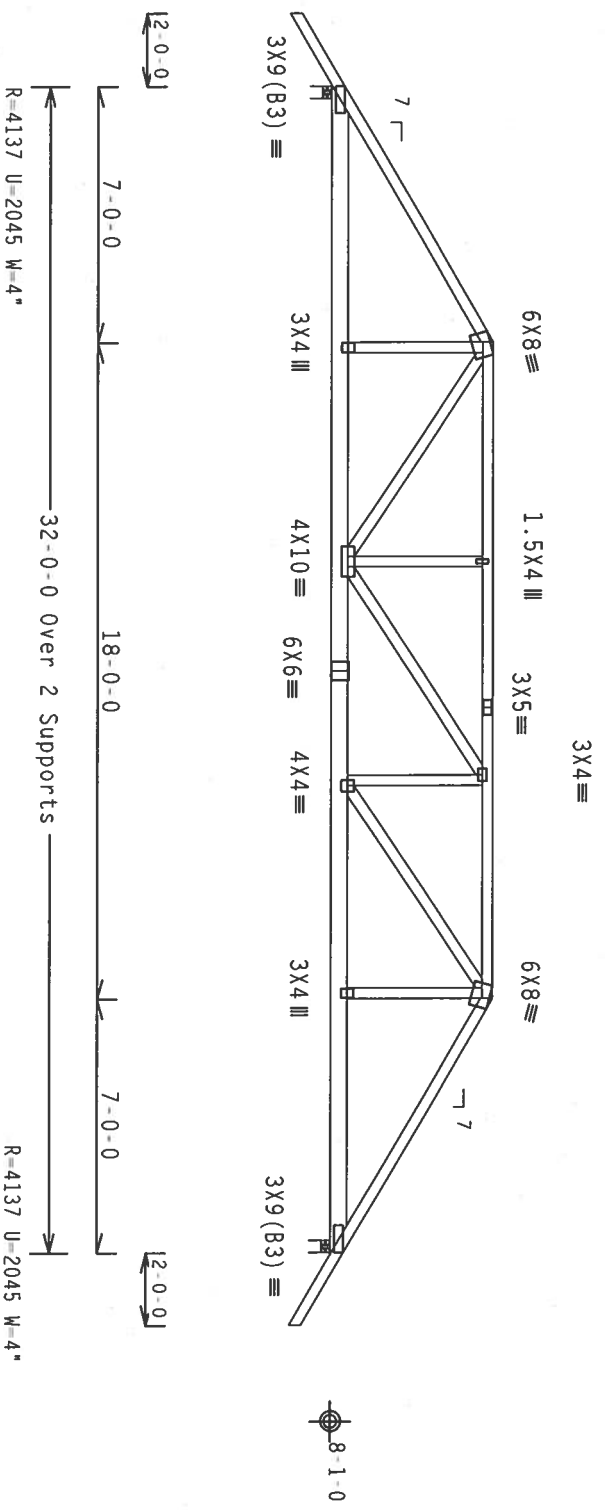
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MMFRS pressures.

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



PLT TYP. Wave

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

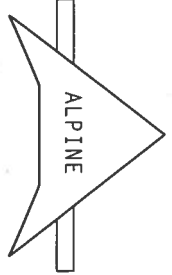
7.36.07

FL/-/4/-/R/-

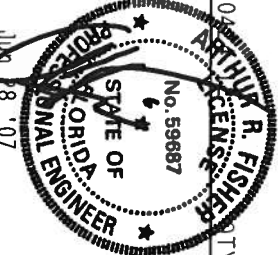
Scale = .1875" / Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY ACPAI AND TPI. DESIGN COMPROMISES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPAI) AND TPI. DESIGN COMPROMISES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPAI) AND TPI. REFER TO EACH FACE OF TRUSS AND WEBS FOR PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. ANY INSPECTION OF PLATES FOLLOWS BY (1) SHALL BE PER AMER 43 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.



ATW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 547



TC LL	20.0 PSF	REF	R8228- 91373
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179025
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25625
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

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

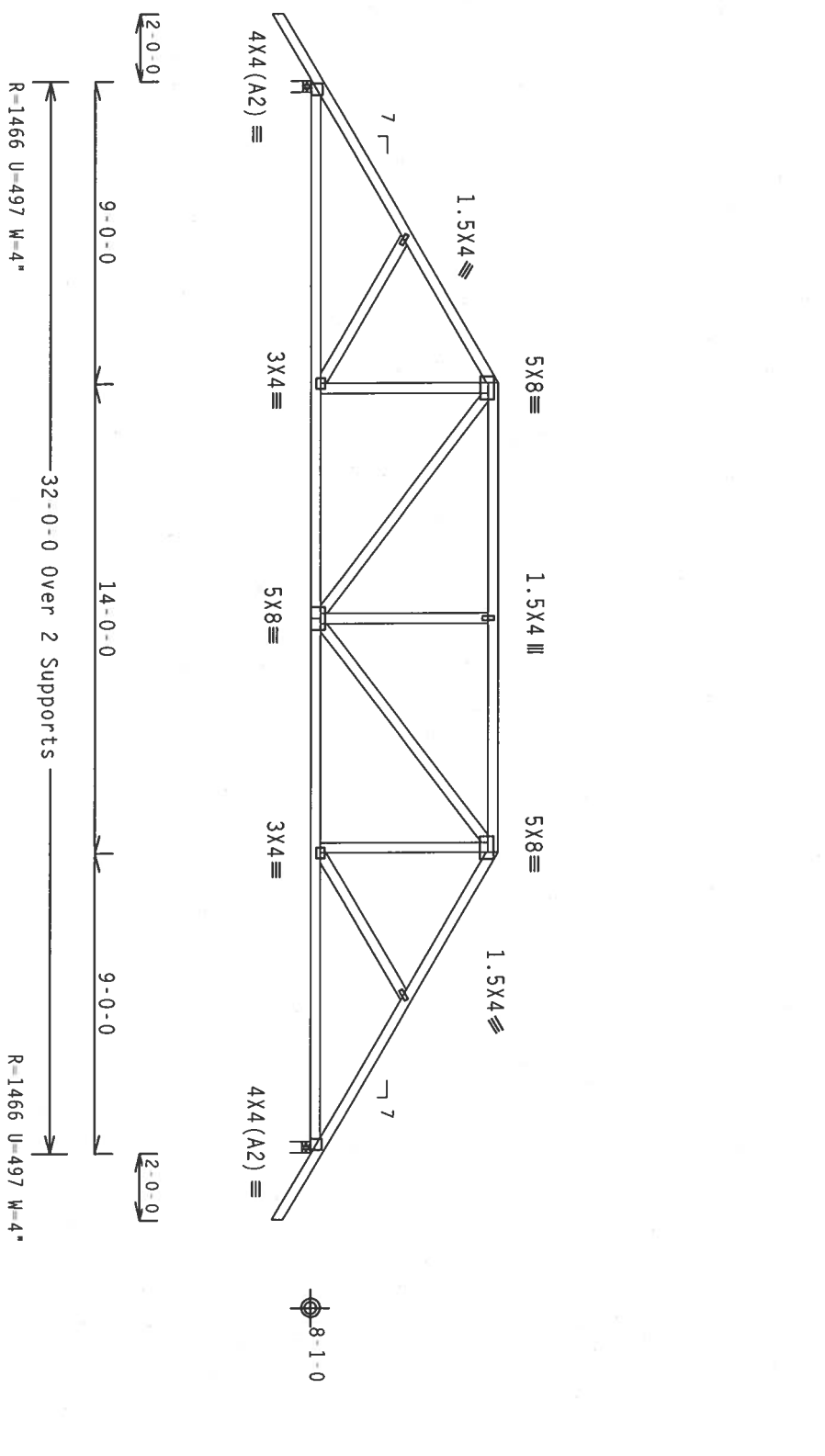
Wind reactions based on MMFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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



PLT TYP. Wave

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

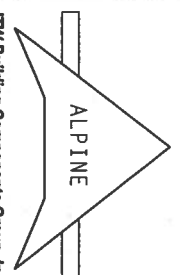
QTY: 1

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

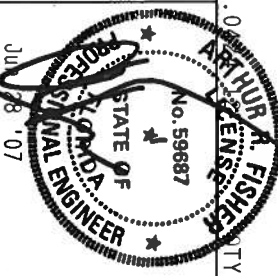
Scale = .1875"/ft.

****WARNINGS**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 600 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. TPI BCG PLATES ON EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haines City, FL 33844
 FL Registration # 577



TC LL	20.0 PSF	REF R8228- 91374
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCUSR8228 07179004
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SECN- 25434
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TR8228Z02

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

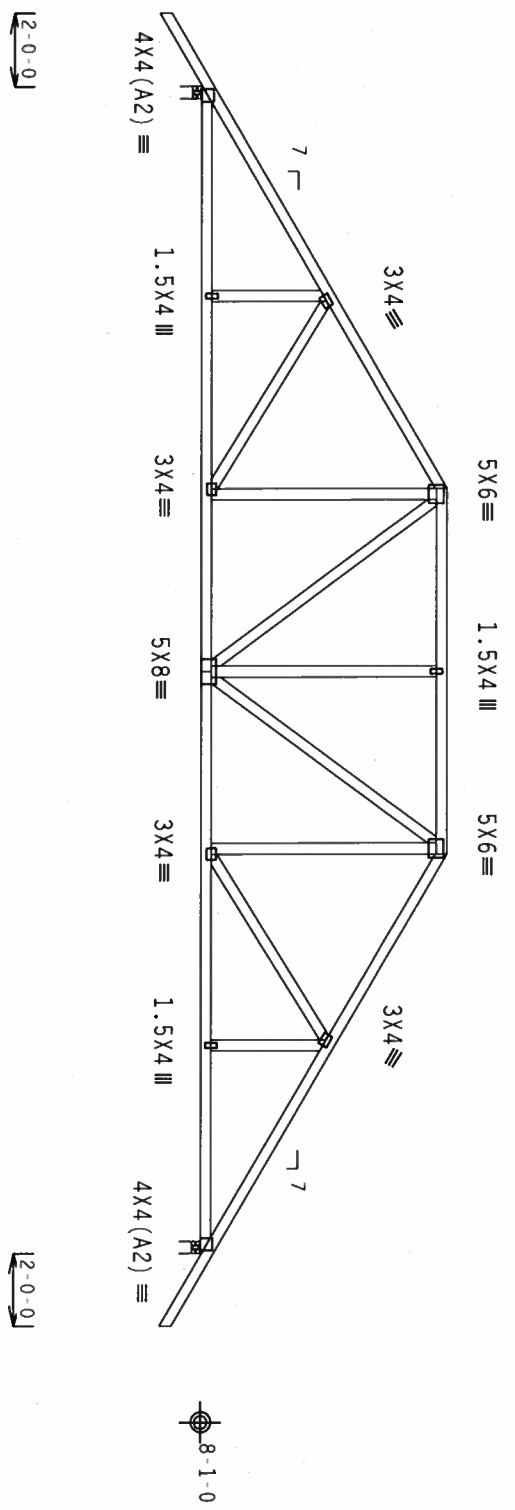
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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



11-0-0
 10-0-0
 32-0-0 Over 2 Supports
 11-0-0
 R=1466 U=494 W=4"

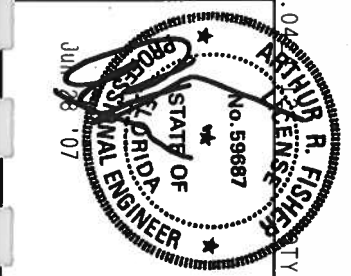
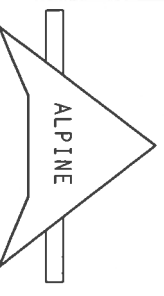
PLT TYP. Wave

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

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/15GA (W.H./SS) ASTM A653 GRADE 40/60 (W. R/H./SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. DRAWING SPECIFIC PLATES OBTAINED BY (1) SHALL BE PERMANENTLY MARKED AS OF 11-2002 SEC. 3. FOR THE A ROSS 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.

TW Building Components Group, Inc.
 Haines City, FL 33844
 Attention # 872



TC LL	20.0 PSF	REF	R8228- 91375
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179005
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SECON-	25442
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1TR8228202

Scale = .1875"/ft.

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

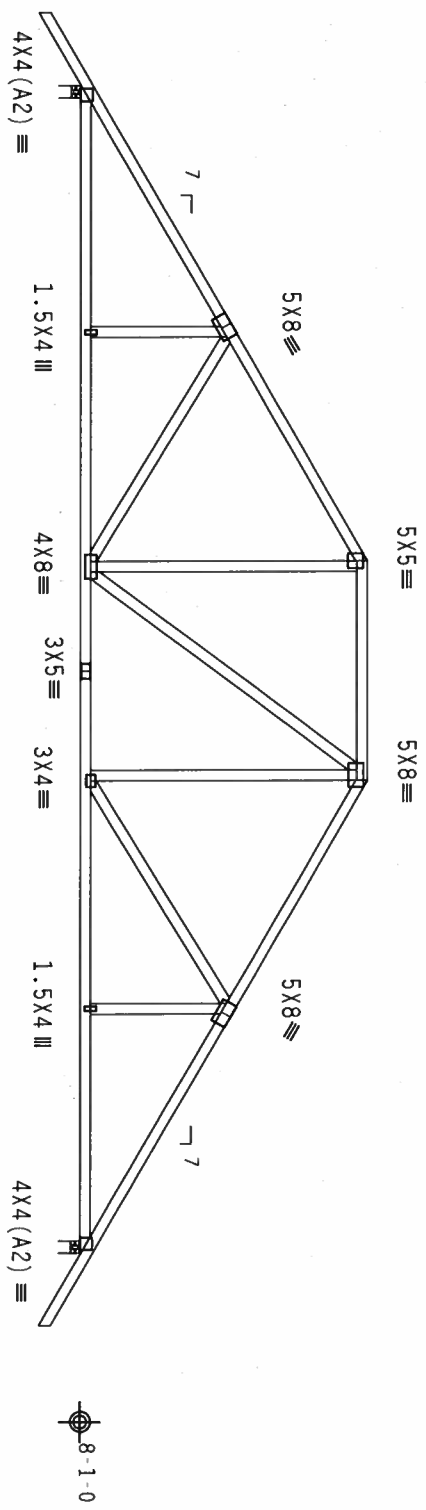
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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



12'-0-0" 13'-0-0" 6'-0-0" 13'-0-0" 12'-0-0"

32-0-0 Over 2 Supports

R=1466 U=491 W=4"

PLT TYP. Wave

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

7.36.0

FL/-/4/-/R/-

Scale = .1875" / Ft.

ALPINE

TW Building Components Group, Inc
 Haines City, FL 33844
 PL 33844
 PL 33844

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE TRUSS IS COMFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY ACPA) AND TPI. DESIGN COMPONNS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. TPI BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. (4) POST-TENSION GAGE DRAWINGS ARE TO BE PROVIDED TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN PER A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR B. FISHER
 REGISTERED PROFESSIONAL ENGINEER
 No. 99687
 STATE OF FLORIDA
 JUN 28 2007

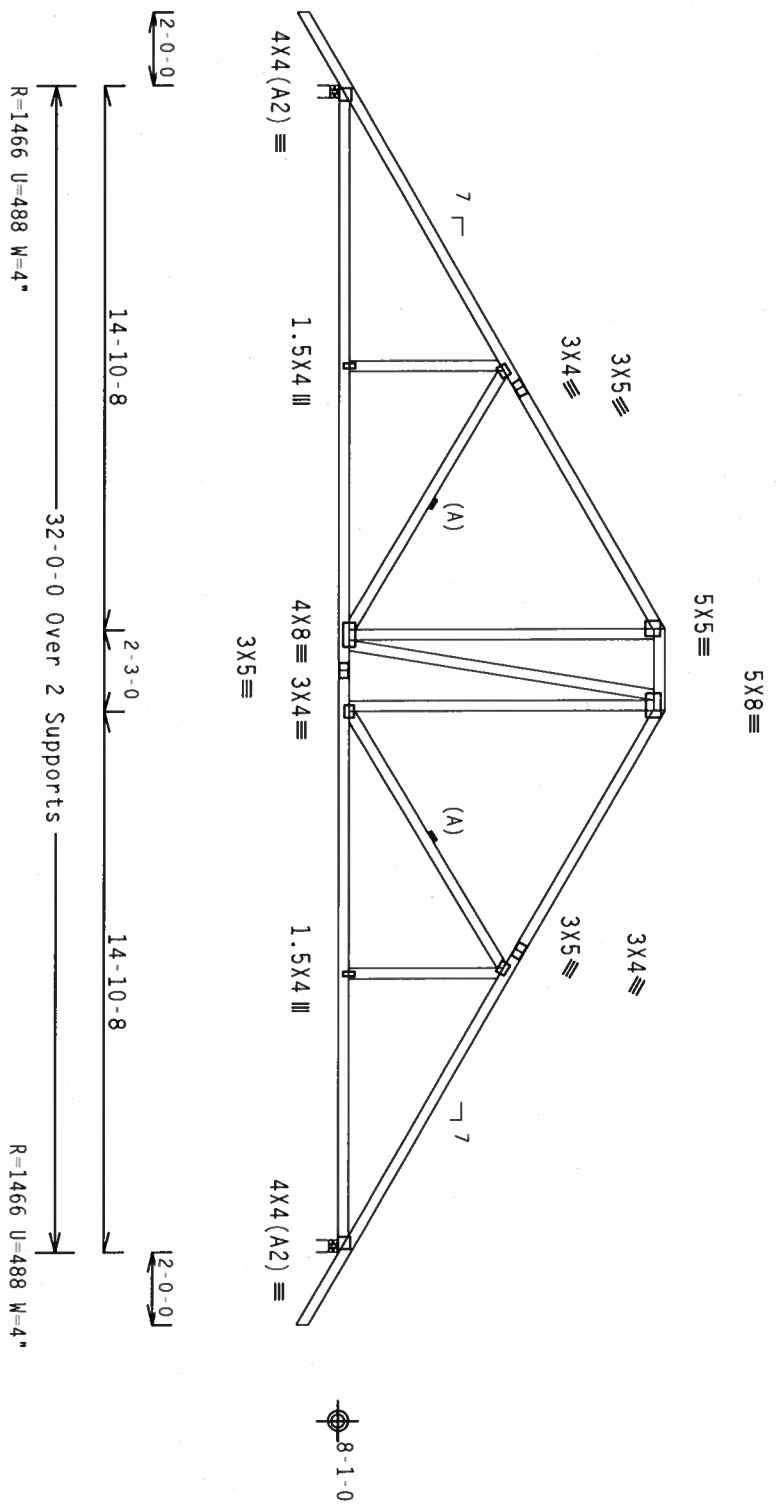
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TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179006
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25447
DUR. FAC.	1.25		
SPACING	24.0"	JREF -	1T8X8228202

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

Wind reactions based on MWFRS pressures.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.
 (A) Continuous lateral bracing equally spaced on member.
 Bottom chord checked for 20.00 psf non-concurrent live load.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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



FL/-/4/-/R/-

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R8228- 91377
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179007
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEON-	25452
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

ALPINE

TW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 567

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

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. TPI BCG CONNECTION PLATES ARE MADE OF 20/10/10/80 (W/A/SS/ST) ASTM A663 GRADE 40/60 (W/A/H/SS) GALV. STEEL. APPLY TO ALL CONNECTIONS. ALL TRUSS MEMBERS SHALL BE PERMANENTLY MARKED WITH TPI IDENTIFICATION TAGS. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERMANENT AND OF TPI 2002 SEC. 11.11. 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.

Arthur A. Fisher
 No. 59687
 State of Florida
 Professional Engineer
 Jun 28 '07

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

SPECIAL LOADS

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

TC - From	63 PLF at 0.00 to	63 PLF at 7.00
TC - From	63 PLF at 7.00 to	63 PLF at 23.67
TC - From	63 PLF at 23.67 to	63 PLF at 32.67
BC - From	20 PLF at 0.00 to	20 PLF at 30.67
BC - From	5 PLF at 30.67 to	5 PLF at 32.67
TC -	185 LB Conc. Load at	7.06, 9.06, 11.06, 13.06, 15.06
BC -	990 LB Conc. Load at	7.00, 23.67
BC -	189 LB Conc. Load at	9.06, 11.06, 13.06, 15.06, 15.60, 17.60, 19.60, 21.60

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

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

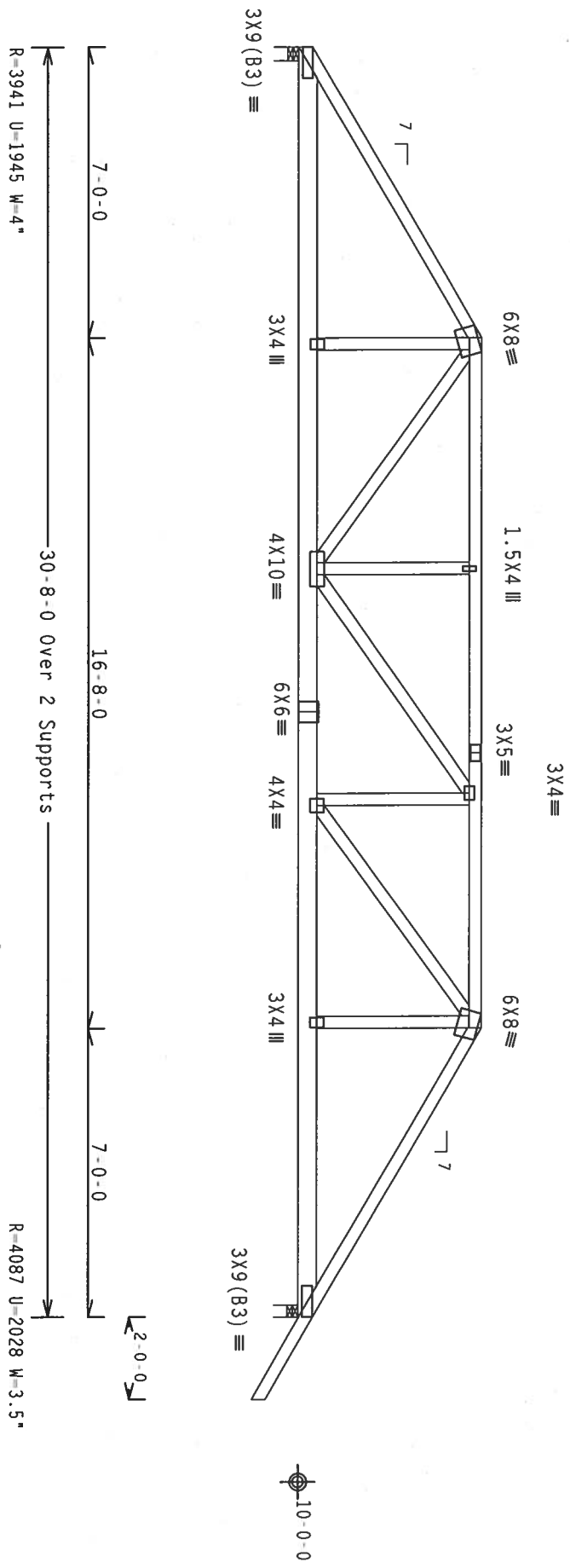
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

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

7.36.00

NOTY:1

FL/-/4/-/R/-

Scale = .25"/ft.

TW Building Components Group, Inc.
 Haines City, FL 33834
 FL State of Authorization # 547

****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, 6000 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD) AND TPI. THE BCG CONNECTIONS ARE MADE OF 20/18/18GA (W/H/SS) ASTM A653 GRADE 40/60 (W, R/H,SS) GALV. STEEL. APPLY THE SAME TO ALL FACE OF TRUSS AND WEBS. THE NAILS ARE LOCATED ON OR OFF OF THE TRUSS PER DRAWINGS. 160N.5. ALL TRUSS SPECIFICATIONS AND UNLESS SHOWN OTHERWISE SHALL BE IN ACCORDANCE WITH THE TPI TRUSS COMPONENT DESIGN SHOWS. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R8228- 91378
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179026
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25634
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	178K8228Z02

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

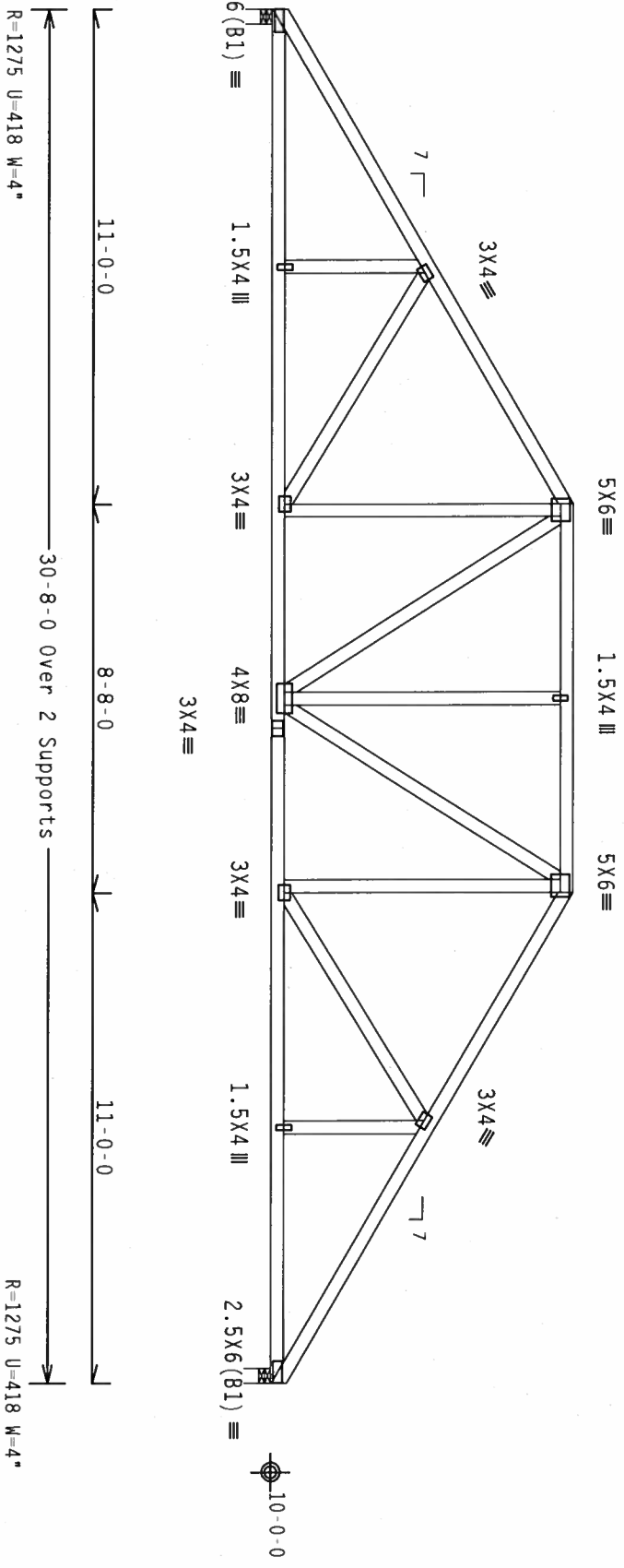
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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

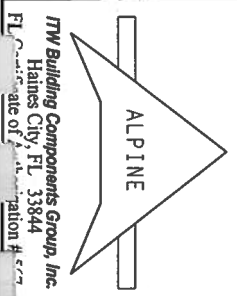


PLT TYP. Wave

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

7.36.0

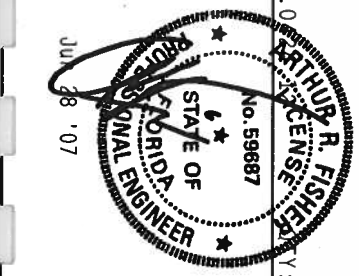
Scale = .25" / Ft.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 State of Florida Registration # 5777

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/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-Z. FINAL INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI 1 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY OF AND ACCEPTABLE ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY 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 - 91379
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179008
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25466
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

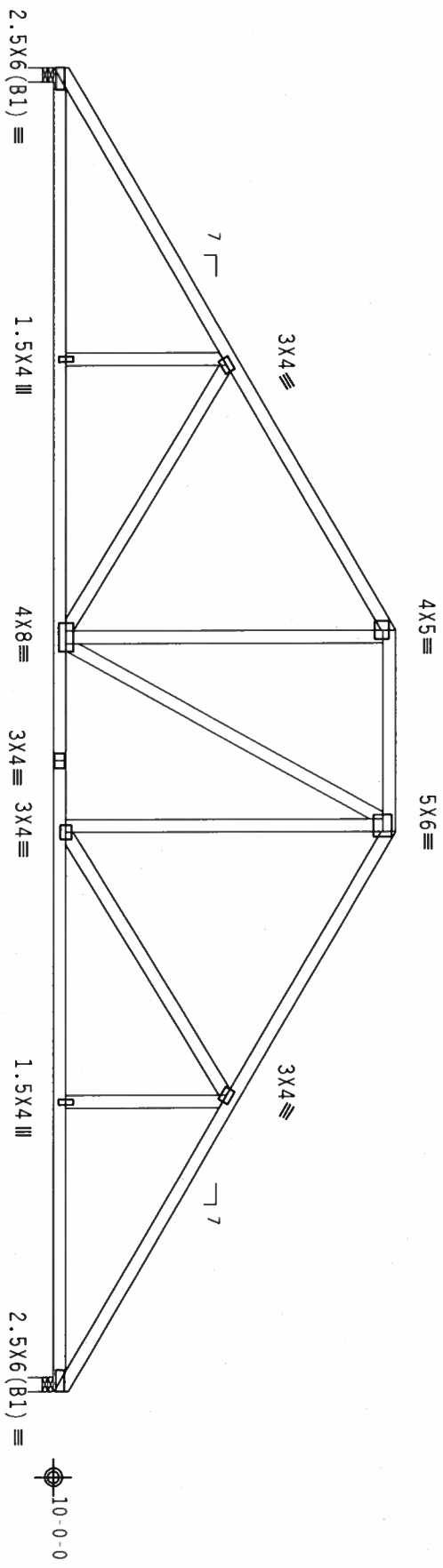
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



13-0-0
4-8-0
30-8-0 Over 2 Supports
R=1275 U=415 W=4"
R=1275 U=415 W=4"

PLT TYP. Wave

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

7.36.0

TY:1

FL/-/4/-/R/-

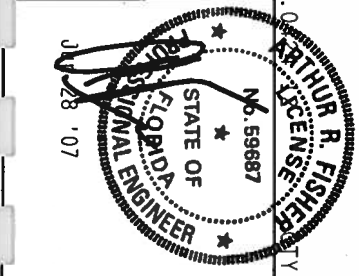
Scale = .25" / Ft.

TW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Registration # 577

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

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

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. TPI BCG CONNECTIONS ARE MADE OF 20/18/16GA (N/A/SS/K) ASTM A653 GRADE 40/60 (K, K/R, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002, SEC. 3.3. THE SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



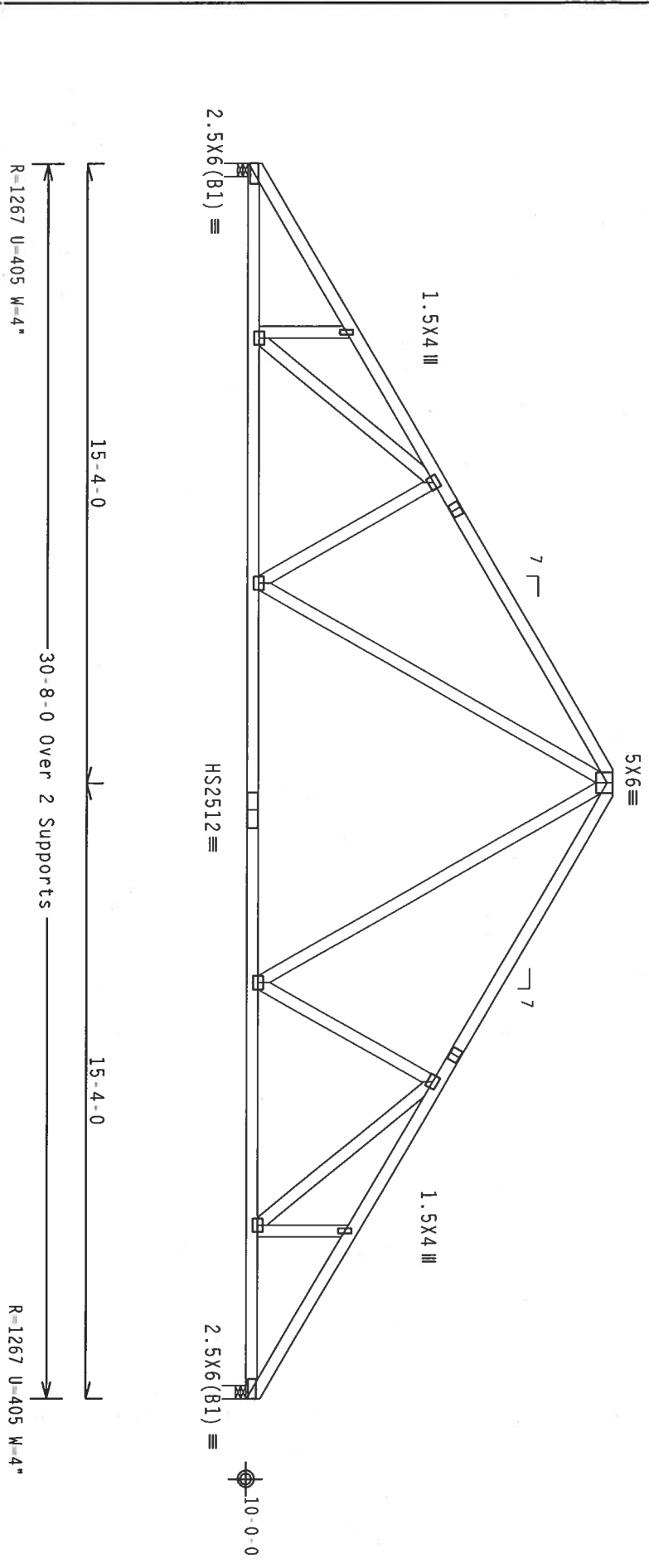
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TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUR8228 07179009
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEON-	25471
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	178K8228202

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

Wind reactions based on MFERS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



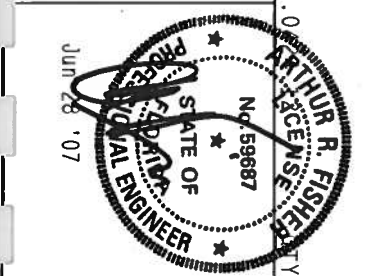
Note: All Plates Are 3X4 Except As Shown.
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

PLT TYP. 20 Gauge HS.Wave
 Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22314) AND NCCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. DESIGNER OR FABRICATOR SHALL MAKE 20/10/1600 (W/1/55/1/2) ASH OR 50/50 GRADE 40/80 (W, 6/11/55) GALV. STEEL. APPLY 2.0\"/>

ITM Building Components Group, Inc.
 Gaines City, FL 33844
 PL Certificate of Authorization # 547



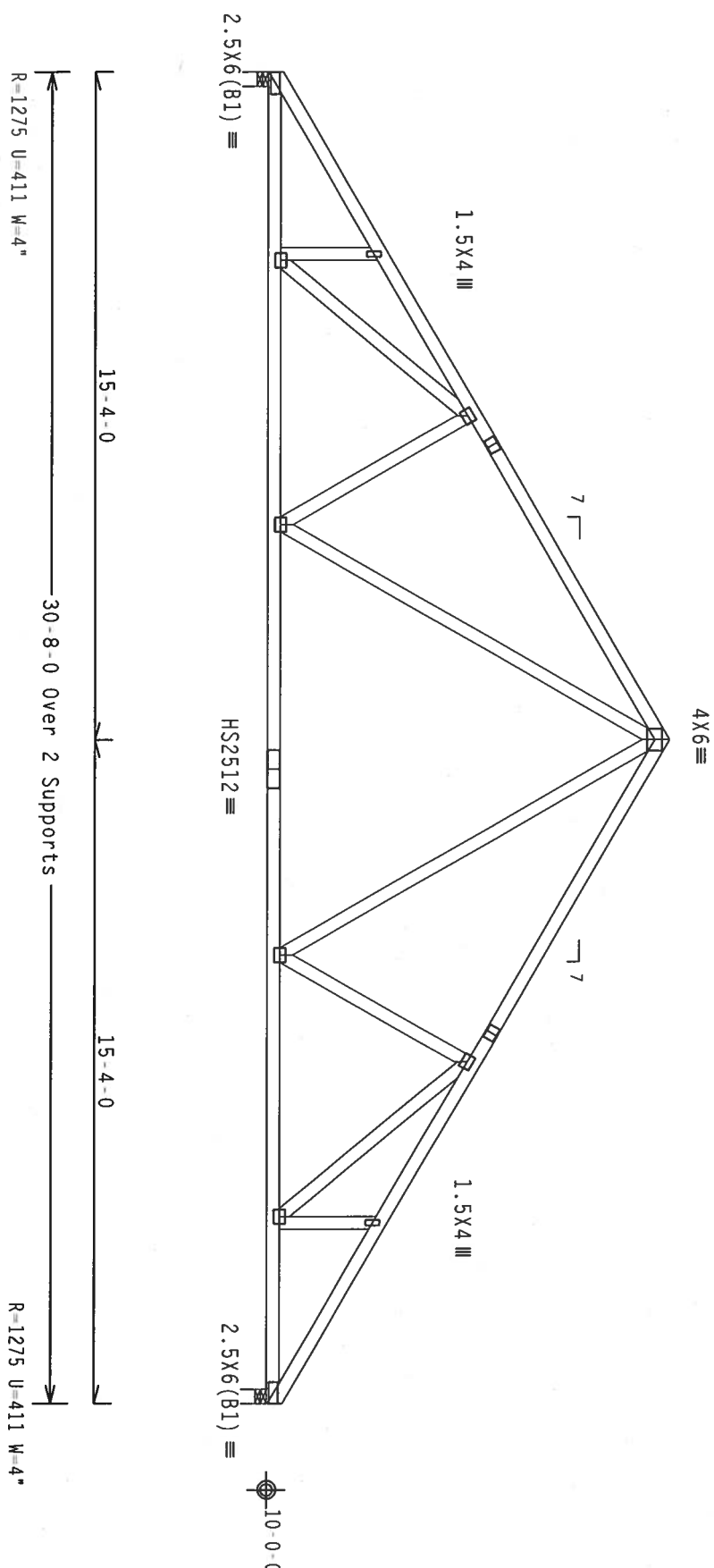
FL	/- /4 /- /- /R /-	Scale = .25"/ft.
TC LL	20.0 PSF	REF R8228- 91381
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCUR8228 07179010
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SEON- 25488
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1TR8228202

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.

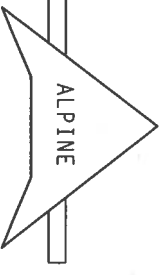


Note: All Plates Are 3X4 Except As Shown.

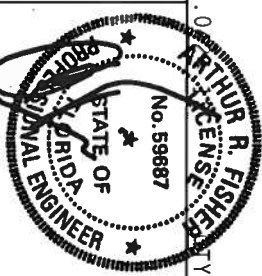
PLT TYP. 20 Gauge HS,Wave
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.36.0

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND 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. TPC 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. BY ABRRAJ AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ABRRAJ) AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ABRRAJ) AND TPI. TPC BCG PLATES TO EACH FACE OF TRUSS AND BOTTOM CHORD SHALL BE 3/8" THICK. ALL STEEL SHALL BE A36. APPLY 2" DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOW. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TPW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 547



FL/-/4/-/1/R/-	Scale = .25"/ft.
TC LL 20.0 PSF	REF R8228- 91382
TC DL 10.0 PSF	DATE 06/28/07
BC DL 10.0 PSF	DRW HCUSR8228 07179011
BC LL 0.0 PSF	HC-ENG JB/AF
TOT.LD. 40.0 PSF	SECON- 25495
DUR.FAC. 1.25	
SPACING 24.0"	JREF- 1TR8R228202

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

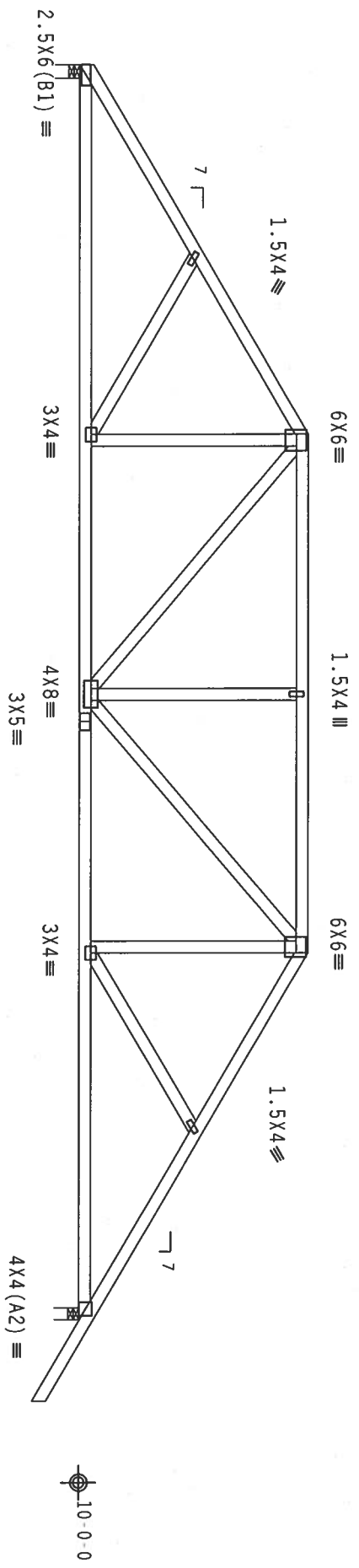
Wind reactions based on MMFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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

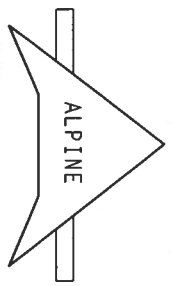


9-0-0 12-8-0 9-0-0
 30-8-0 Over 2 Supports
 R-1273 U-419 W-4"
 R-1416 U-481 W-3.5"

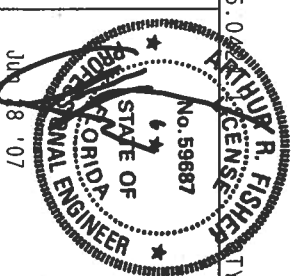
PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.36.0

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (NATIONAL 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**** FINISH 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/PA) AND TPI. ITW BCG DESIGN TO EACH FACE OF TRUSS. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (NATIONAL 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.
 Gaines City, FL 33644
 FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R8228-91383
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HGUSR8228 07179012
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25504
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Scale = .25"/Ft.

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

SPECIAL LOADS

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

TC - From	63 PLF at 0.00 to	63 PLF at 7.00
TC - From	63 PLF at 7.00 to	63 PLF at 23.67
TC - From	63 PLF at 23.67 to	63 PLF at 30.67
BC - From	20 PLF at 0.00 to	20 PLF at 30.67
TC - From	185 LB Conc. Load at 7.06,	9.06
TC - From	197 LB Conc. Load at 11.06,	13.06, 21.60, 23.60
TC - From	49 LB Conc. Load at 15.06,	15.60, 17.60, 19.60
BC - From	990 LB Conc. Load at 7.00	
BC - From	189 LB Conc. Load at 9.06	
BC - From	193 LB Conc. Load at 11.06,	13.06, 21.60
BC - From	39 LB Conc. Load at 15.06,	15.60, 17.60, 19.60
BC - From	994 LB Conc. Load at 23.67	

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

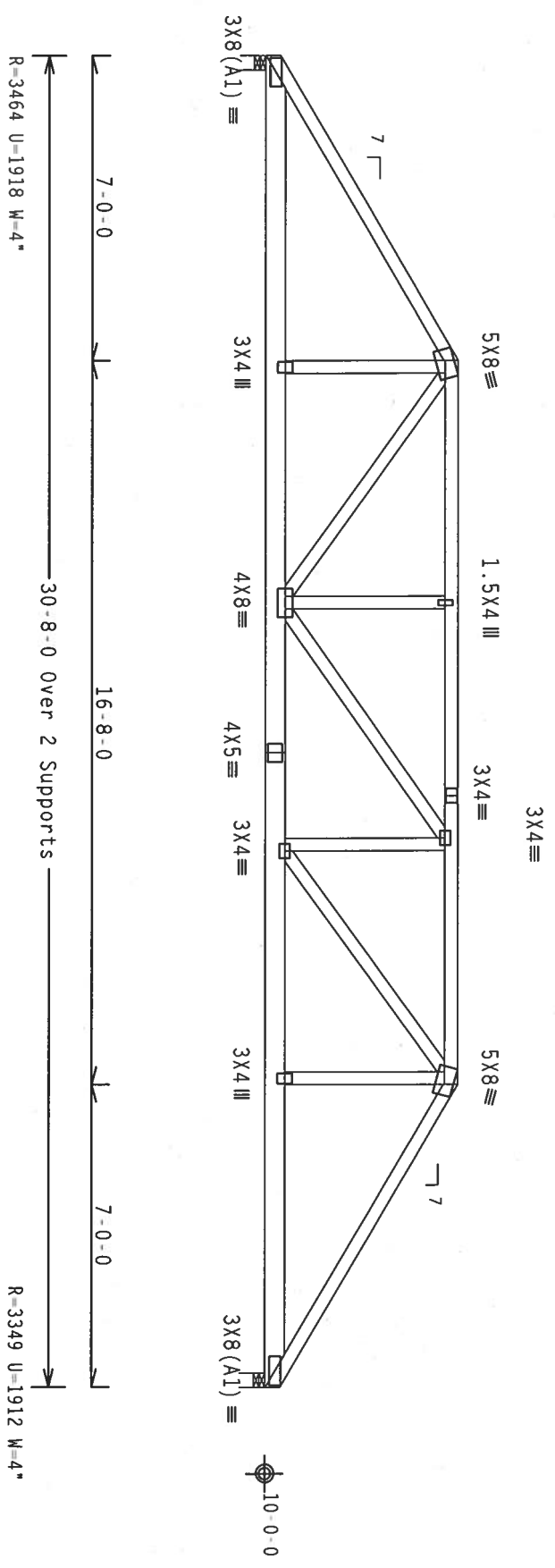
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.
 130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MMFRS pressures.

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

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



PLT TYP. Wave

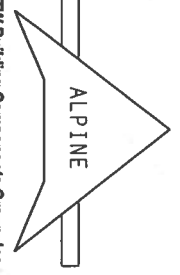
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

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

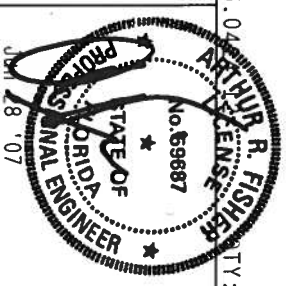
Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE TRUSS MANUFACTURERS ASSOCIATION 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. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/S/R) ASTM A553 GRADE 40/50 (W. K/H.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. DIMENSIONS FOR PLATES FOLLOWED UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS FOR THE TRUSS CHORDS AND THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TIV Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 527



TC LL	20.0 PSF	REF	R8228-91384
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW.	HCUSR8228 07179027
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25775
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

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

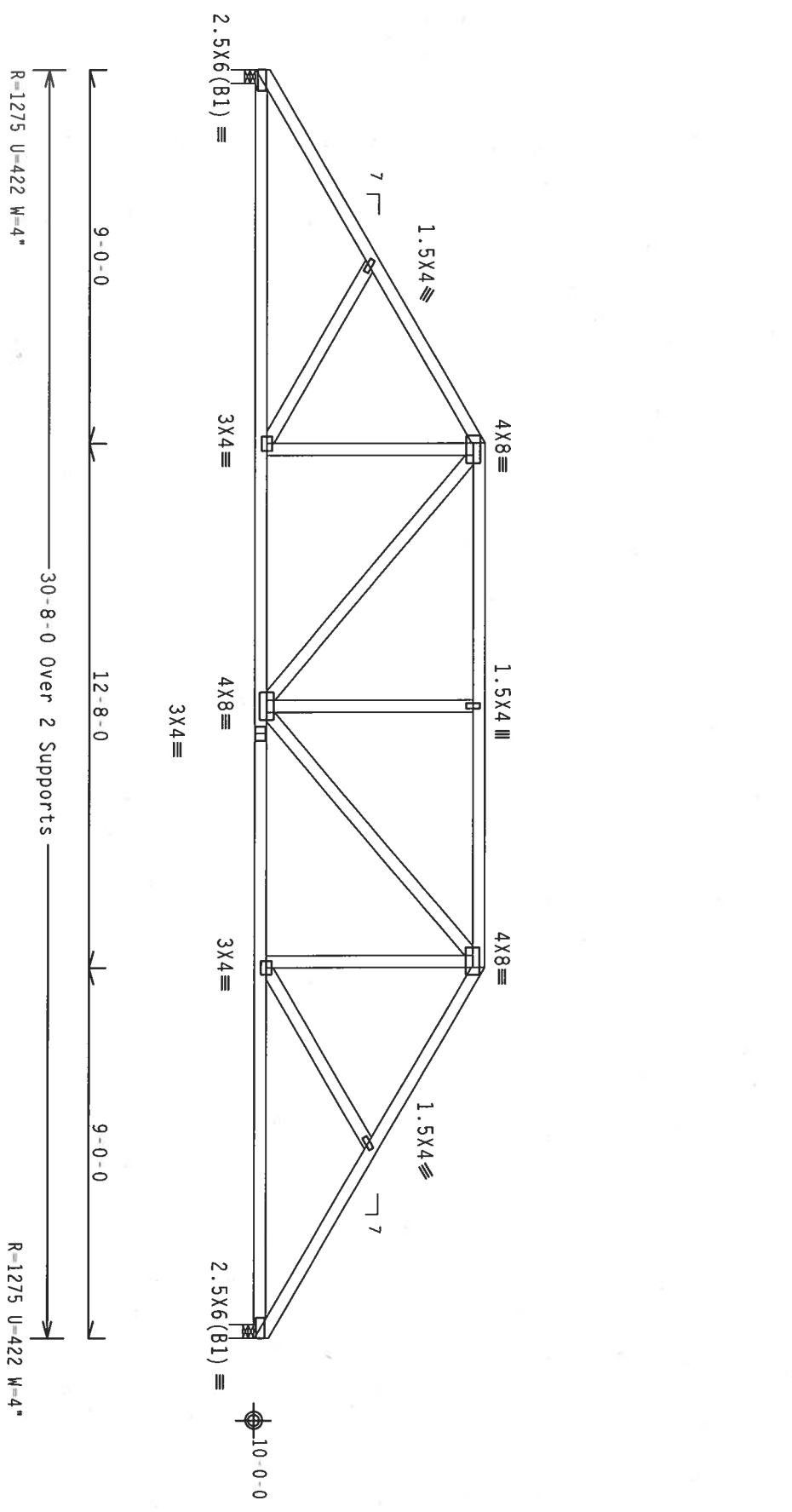
Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

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



PLT TYP. Wave

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

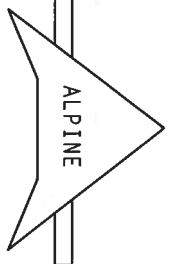
7.36.0

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

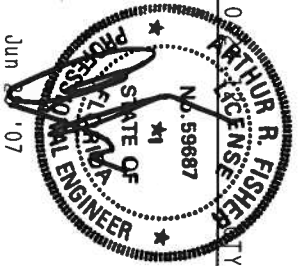
Scale = .25"/ft.

****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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/LB/16GA (W/H/S/S/A) ASTM A653 GRADE 40/50 (K. K/M. SSI) GALV. STEEL. APPLY GALVANNEUM COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE SPECIFIED, CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE DRAWING. INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITM Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 557



TC LL	20.0 PSF	REF	R8228- 91385
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179013
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25461
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228202

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

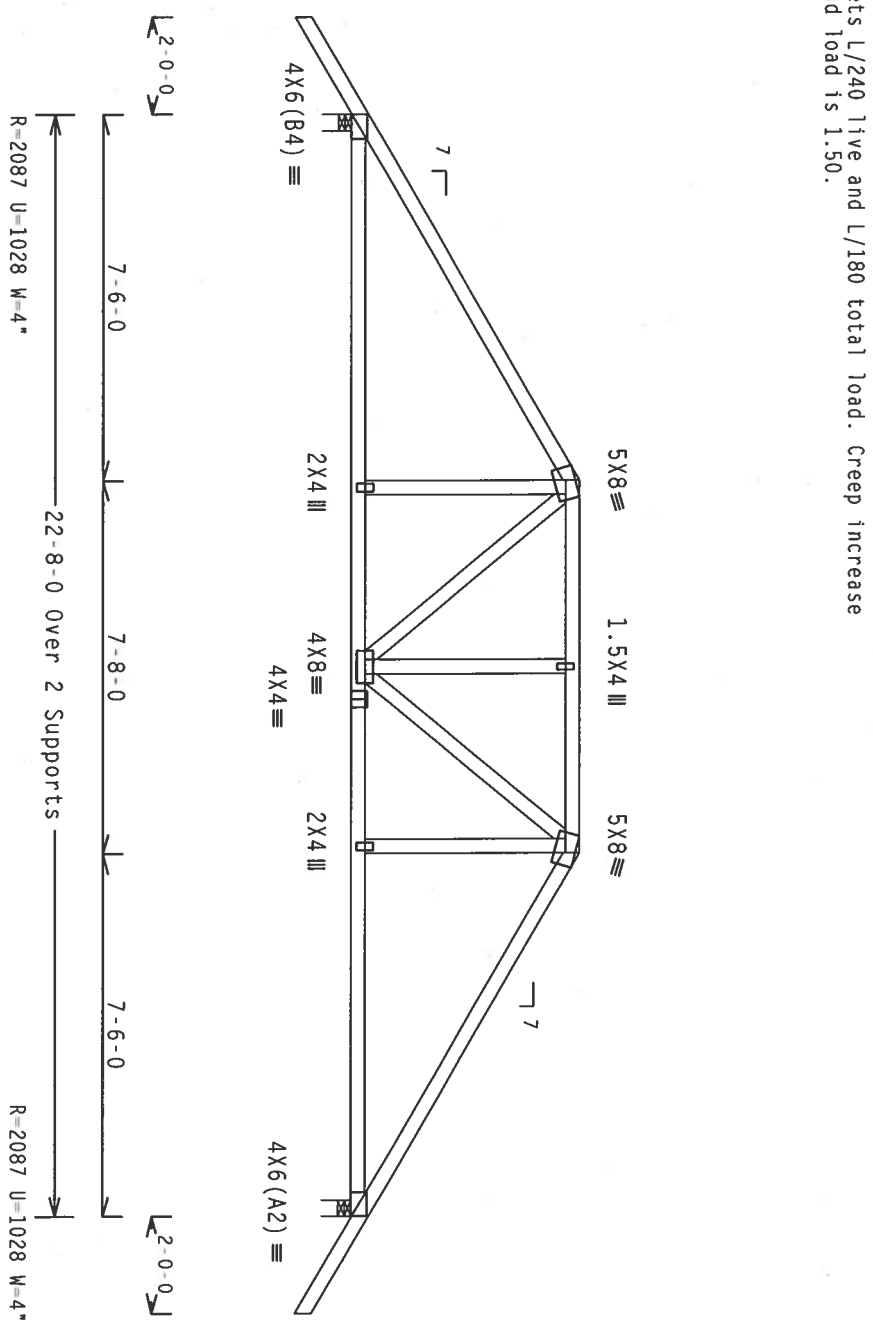
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

SPECIAL LOADS

TC - From	DUR.FAC.	-1.25 /	PLATE DUR.FAC.	-1.25)
63 PLF at 2.00 to	63 PLF at 7.50 to			
63 PLF at 7.50 to	63 PLF at 15.17 to			
63 PLF at 15.17 to	5 PLF at 0.00 to			
5 PLF at 0.00 to	20 PLF at 0.00 to			
20 PLF at 0.00 to	5 PLF at 22.67 to			
5 PLF at 22.67 to	200 LB Conc. Load at 7.56,			
200 LB Conc. Load at 7.56,	9.56, 11.33, 13.10, 15.10			
9.56, 11.33, 13.10, 15.10				

#1 hip supports 7-6-0 jacks with no webs.



PLT TYP. Wave

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

7.36

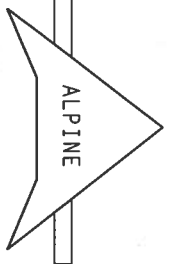
TY:1

FL/-/4/-/R/-

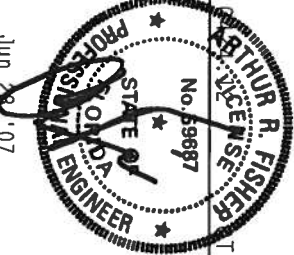
Scale = .25"/ft.

****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), 218 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22314) AND NCCA (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. TPC, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF TRUSS IN PERFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY AERIAL AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERIAL AND TPI. MEMBER CONNECTIONS MADE OF 20/18/16GA (W/H/S/S/S) ASH 4653 GRADE 40/60 (V, K/W, S) GALV. STEEL. APPLY PLATES TO EACH SIDE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 160B, 160C, 160D, 160E, 160F, 160G, 160H, 160I, 160J, 160K, 160L, 160M, 160N, 160O, 160P, 160Q, 160R, 160S, 160T, 160U, 160V, 160W, 160X, 160Y, 160Z. THIS DESIGN INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TPW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 547



TC LL	20.0 PSF	REF R8228- 91386
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCURS8228 07179028
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SEON- 25648
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TR8228Z02

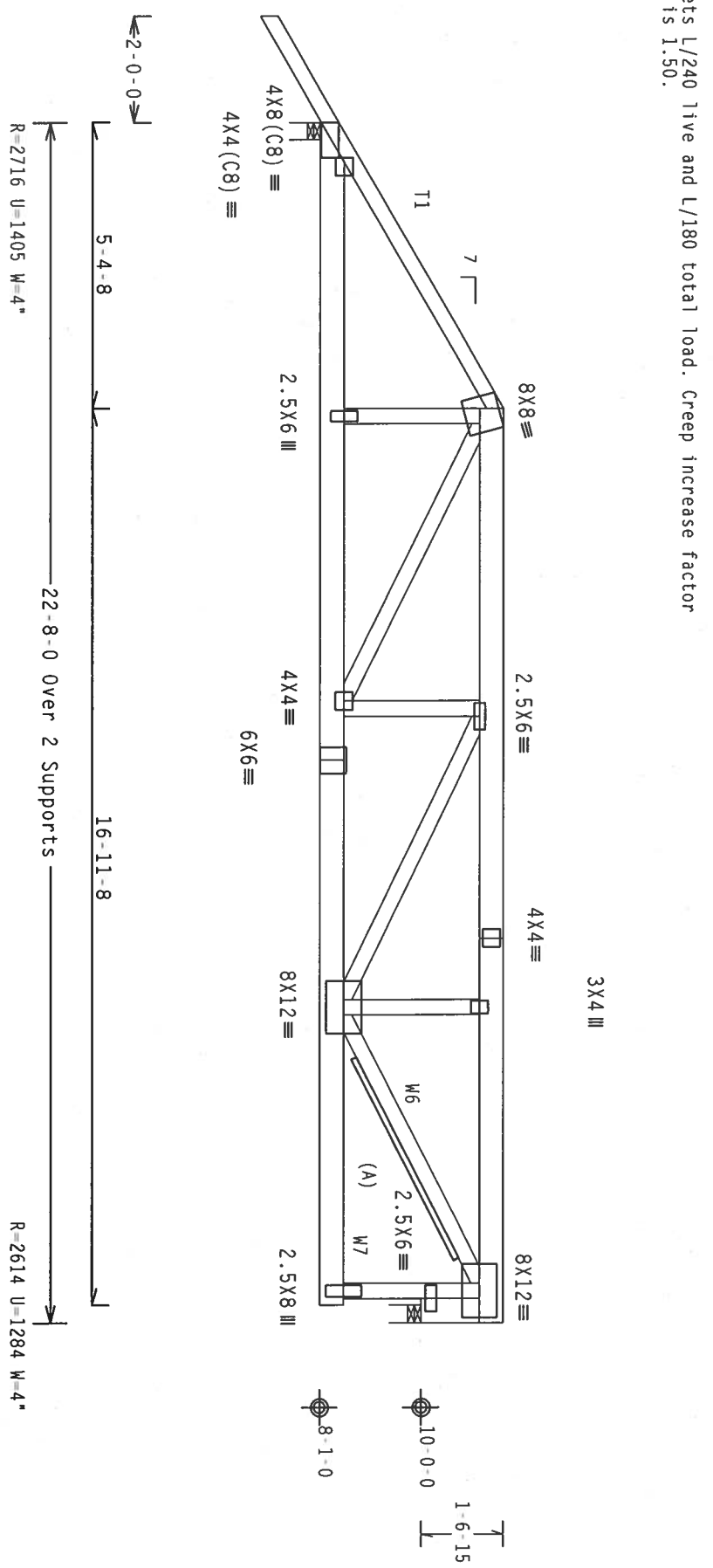
Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
 Bot chord 2x6 SP #2
 Webs 2x4 SP #3 :W6, W7 2x4 SP #2 Dense:
 :Rt Bearing Leg 2x6 SP #2:
 130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

----- (LUMBER	DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)
TC - From	63 PLF at -2.00 to 63 PLF at 5.38
TC - From	63 PLF at 5.38 to 63 PLF at 22.67
BC - From	5 PLF at -2.00 to 5 PLF at 0.00
BC - From	20 PLF at 0.00 to 20 PLF at 22.33
BC - From	20 PLF at 22.33 to 20 PLF at 22.67
PLT -	134 LB Conc. Load at (5.37, 11.53)
PLT -	134 LB Conc. Load at (7.44, 11.54)
PLT -	134 LB Conc. Load at (15.44, 11.54)
PLB -	693 LB Conc. Load at (5.37, 8.12)
PLB -	142 LB Conc. Load at (7.44, 8.12)
PLB -	142 LB Conc. Load at (17.44, 8.12)
PLB -	142 LB Conc. Load at (19.44, 8.12)
PLB -	142 LB Conc. Load at (21.44, 8.12)

#1 hip supports 5-4-8 jacks with no webs.



PLT TYP. Wave

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

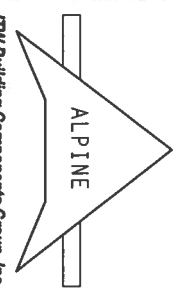
7.36.0

FL/-/4/-/R/-

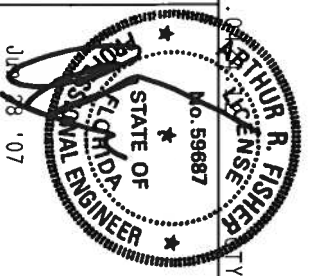
Scale = .3125" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (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. TPI, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR.



TPI Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 557



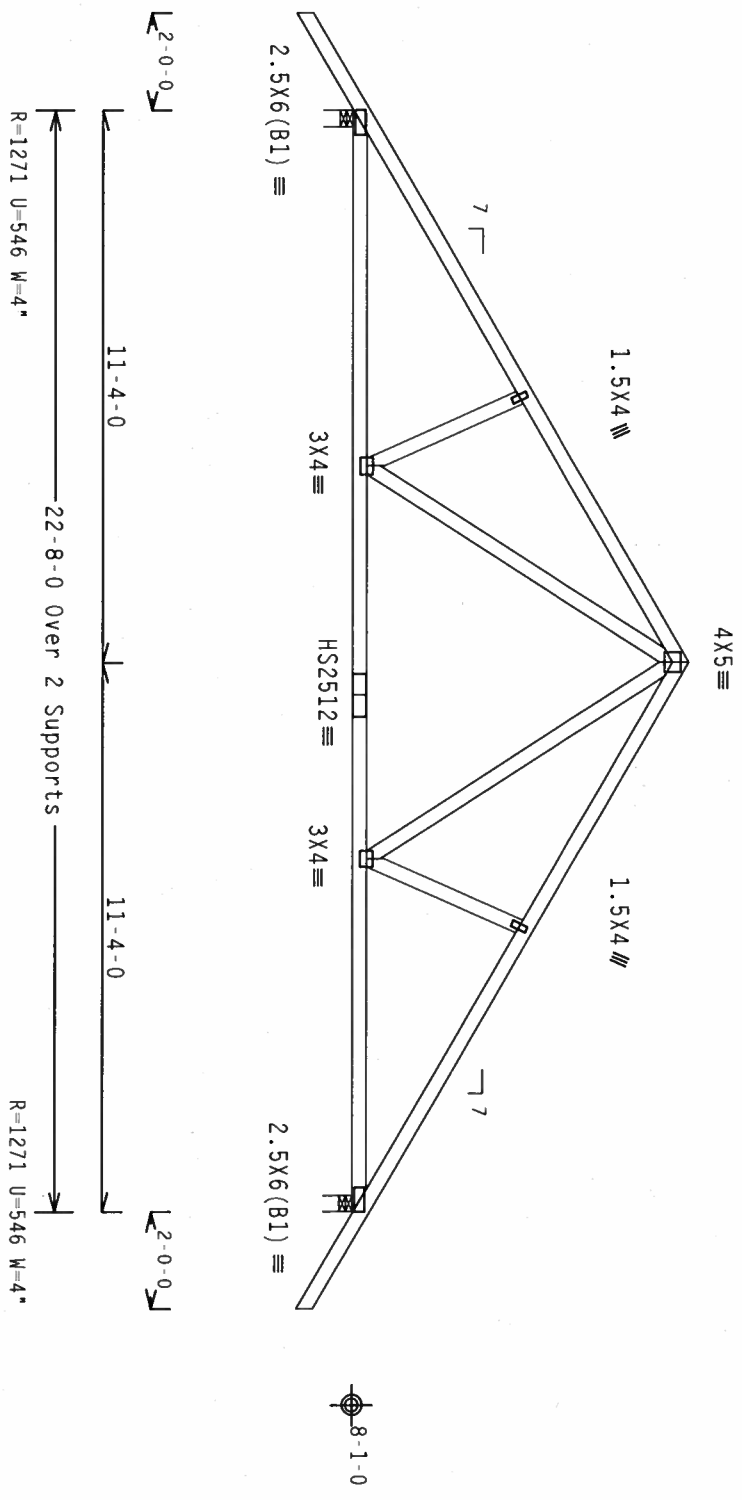
TC LL	20.0 PSF	REF	R8228-91387
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUR8228 07179029
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEON-	25784
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	1T8K8228Z02

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

SPECIAL LOADS

---	(LUMBER	DUR.FAC.=-1.25 /	PLATE DUR.FAC.=-1.25)
TC - From	63 PLF at	2.00 to	63 PLF at 11.33
TC - From	63 PLF at	11.33 to	63 PLF at 24.67
BC - From	5 PLF at	-2.00 to	5 PLF at 0.00
BC - From	20 PLF at	-2.00 to	20 PLF at 7.47
BC - From	70 PLF at	7.47 to	70 PLF at 12.00
BC - From	70 PLF at	12.00 to	70 PLF at 15.20
BC - From	20 PLF at	15.20 to	20 PLF at 22.67
BC - From	5 PLF at	22.67 to	5 PLF at 24.67

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Bottom chord checked for 20.00 psf non-concurrent live load.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



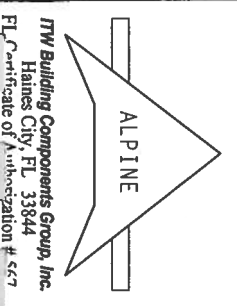
PLT TYP. 20 Gauge HS.Wave

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

7.36.07

TY:1

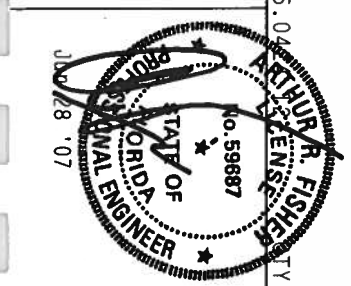
Scale = .25"/ft.



RTW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 567

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. TITW BCG DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF MOST NATIONAL DESIGN SPEC. BY AREA) AND TPI. TITW BCG CONNECTOR PLATES ARE MADE OF 20/19/18/16 GA. (W./H./S./T) ASTM A653 GRADE 40/60 (K. K/H./S) GALV. STEEL. APPLY ANY TENSILE STRENGTH REDUCTIONS ON THIS DESIGN. POSITION PER DRAWINGS 180A-Z. ANY INSPECTION OF THIS TRUSS SHALL BE FOLLOWED BY UNLESS OTHERWISE SPECIFIED FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL/-/4/-/1/R/-	TY:1	REF	DATE	DRW	HC-ENG	SEQN
TC LL	20.0 PSF	R8228	06/28/07	HCSR8228	JB/AF	25586
TC DL	10.0 PSF					
BC DL	10.0 PSF					
BC LL	0.0 PSF					
TOT.LD.	40.0 PSF					
DUR.FAC.	1.25					
SPACING	24.0"	JREF	1T8K8228Z02			

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

SPECIAL LOADS

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

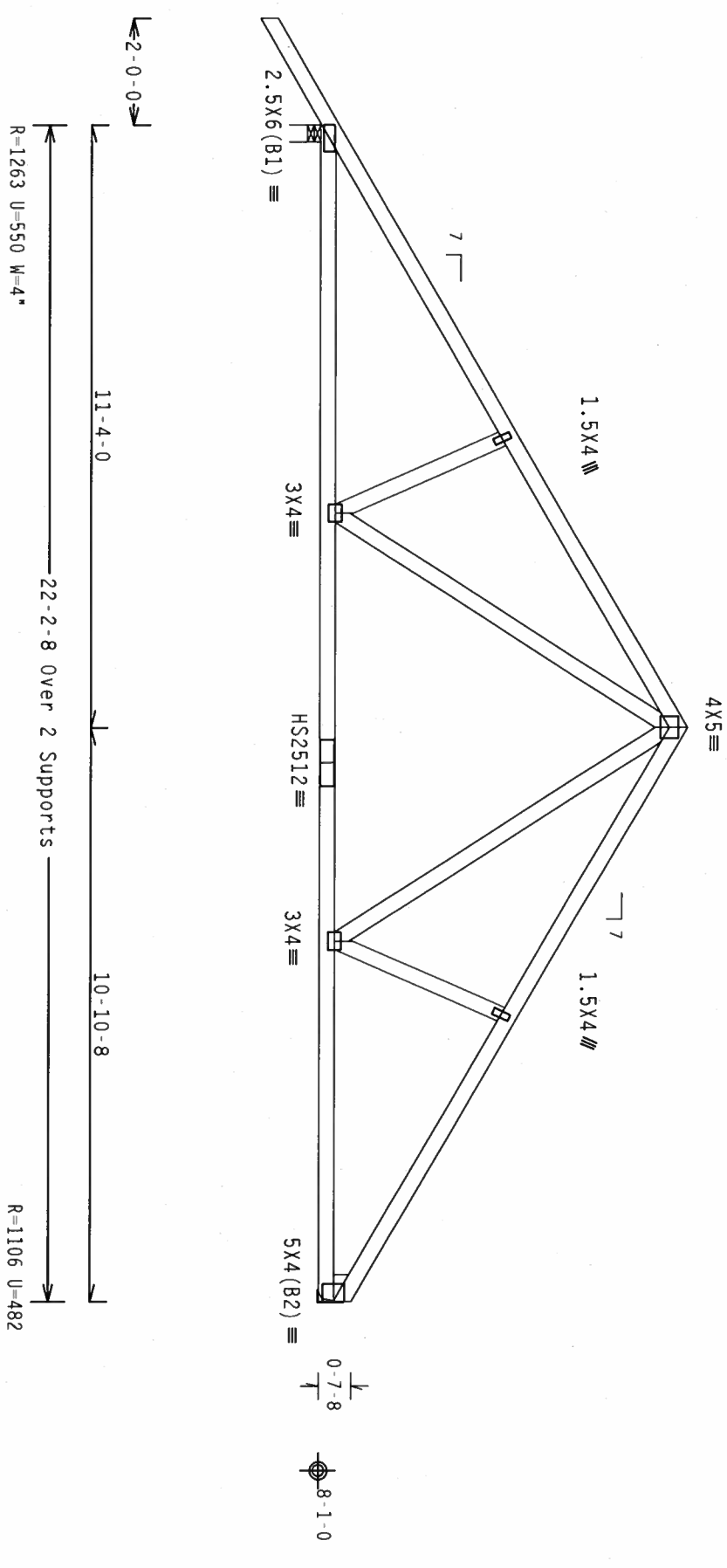
TC - From	63 PLF at -2.00 to	63 PLF at 11.33
TC - From	63 PLF at 11.33 to	63 PLF at 22.21
BC - From	5 PLF at -2.00 to	5 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 7.47
BC - From	70 PLF at 7.47 to	70 PLF at 12.00
BC - From	70 PLF at 12.00 to	70 PLF at 15.20
BC - From	20 PLF at 15.20 to	20 PLF at 22.21

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

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



PLT TYP. 20 Gauge HS.Wave

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

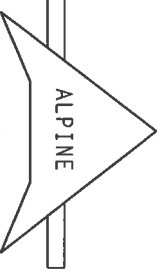
7.36.0

FL/-/4/-/R/-

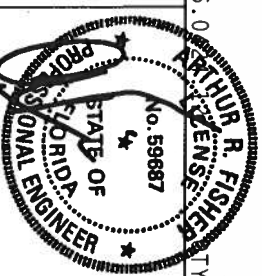
Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF WDS (NATIONAL DESIGN SPEC. BY AERPA) AND TPI. CONNECTION PLATES ARE MADE OF 2018/7604 (W, H/53/75) ASTM A553 GRADE 40/60 (W, K/1/55) GALV. STEEL. ITW BCG CONNECTION PLATES ARE MADE OF 2018/7604 (W, H/53/75) ASTM A553 GRADE 40/60 (W, K/1/55) GALV. STEEL. APPLY THE FOLLOWING DIMENSIONS TO THE DESIGN. SELECTION PER DRAWINGS 180A-Z. ANY INSPECTION OF PLATES FOLLOWED BY 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 # 567



TC LL	20.0 PSF	REF	R8228- 91390
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSR8228 07179031
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25579
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Rt Bearing Leg 2x4 SP #3:

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

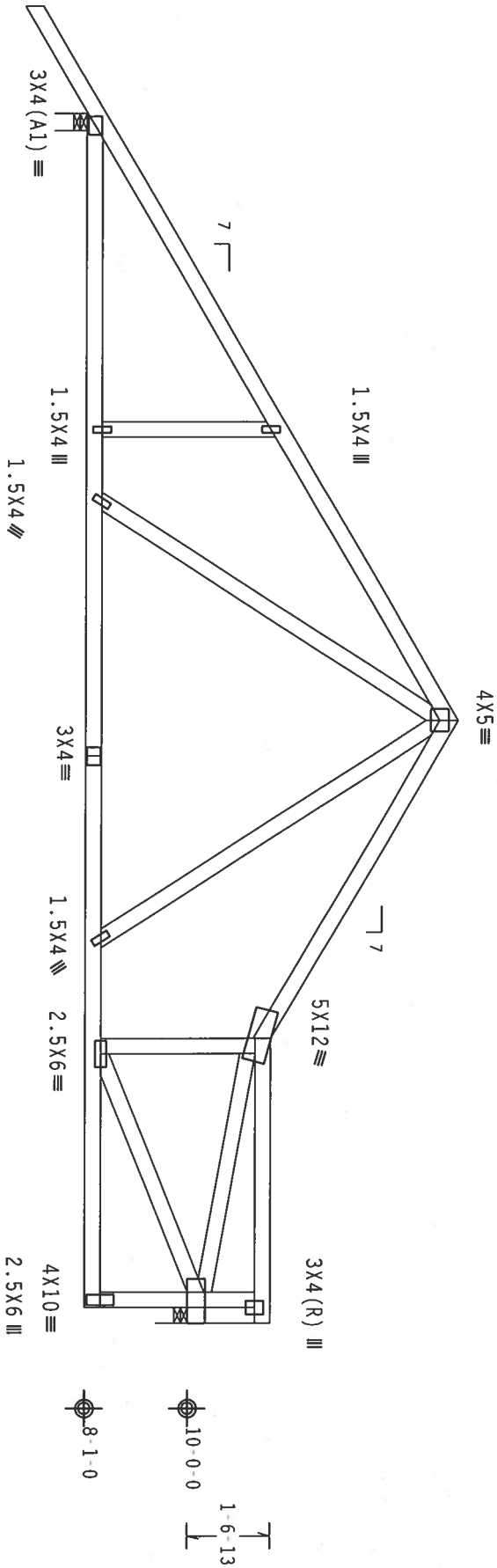
Bottom chord checked for 20.00 psf non-concurrent live load.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind 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.

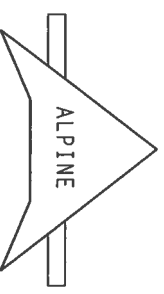


2-0-0
 11-4-0
 22-8-0 Over 2 Supports
 5-11-11
 5-0-13
 R-1083 U-429 W-4\"/>

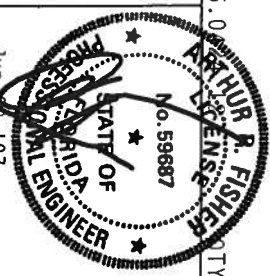
PLT TYP. Wave
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)
 QTY:1
 Scale = .3125"/ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NDS) AND TPI. DESIGNER PLATES ARE MADE OF 2018/1604 (48/1604) ASHTR 6000 GRADE 40/60 (48 KSI) GALV. STEEL. APPLY DESIGNER'S INSTRUCTIONS TO ALL OTHERS. THIS DESIGN IS FOR THE TRUSS ONLY. ANY INSPECTION OF PLATES FURNISHED BY OTHERS SHALL BE SEPARATE. THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FTW Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 557



TC LL	20.0 PSF	REF	R8228-91391
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HGUSR8228 07179032
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25675
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Rt Bearing Leg 2x4 SP #3:

Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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

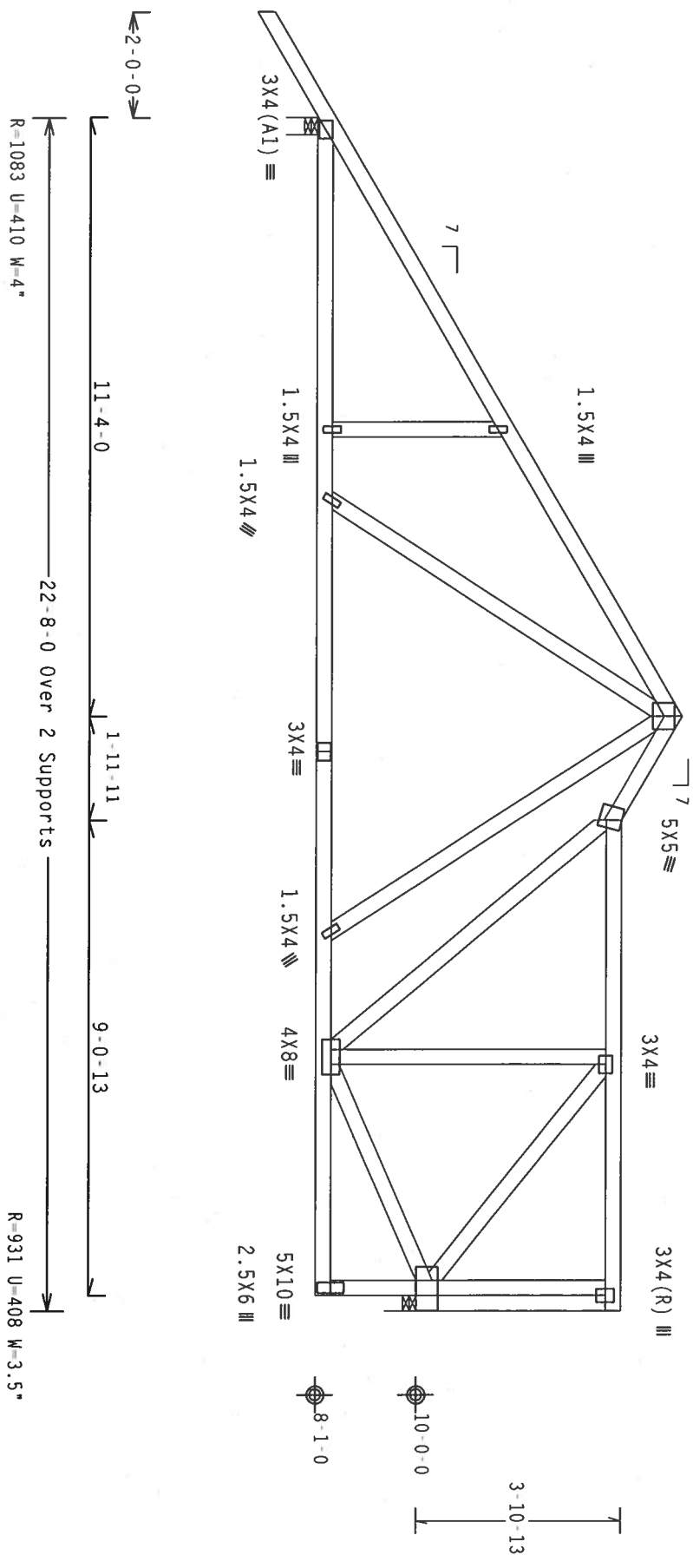
130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 20.00 psf non-concurrent live load.

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



PLT TYP. Wave

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

7.36.0

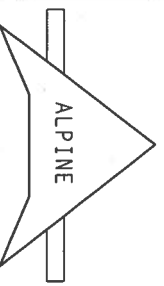
FL/-/4/-/R/-

Scale = .3125"/ft.

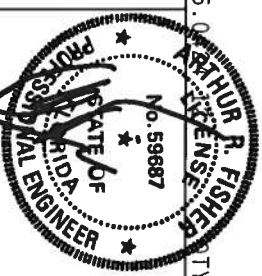
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GC'S BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NCA (WOOD TRUSS COUNCIL OF AMERICA, UNLESS OTHERWISE INDICATED) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. THE BCG CONNECTIONS ARE MADE OF 20/10/100A (W/H/S/S/K) ASH 603 GRADE 40/60 (W, K/H/S/S) GALV. STEEL. APPLY ALL SPECIFIC DESIGN AND BRACING REQUIREMENTS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FP1.1 SEC. 2.



ALPINE Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # SC7

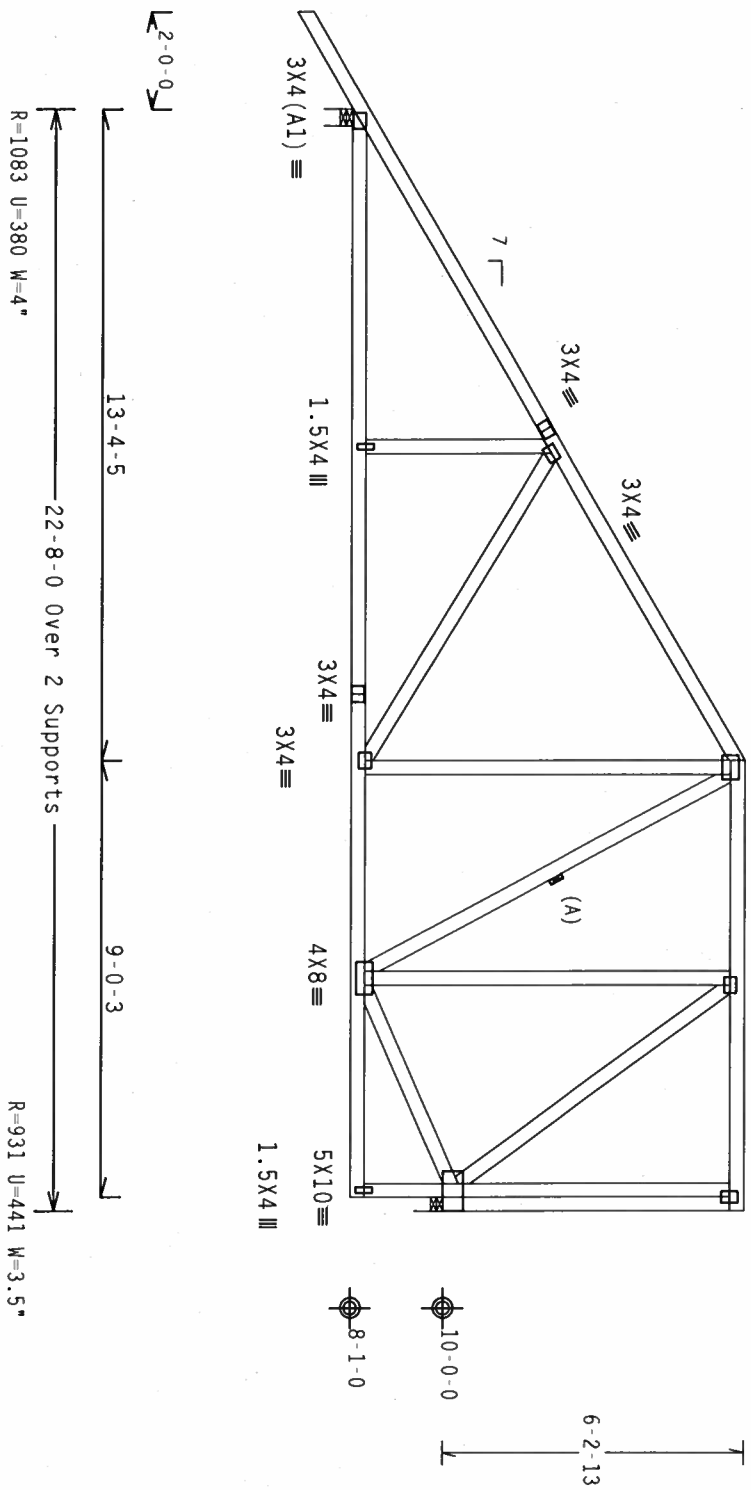


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TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179034
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	25689
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 : Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Bottom chord checked for 20.00 psf non-concurrent live load.



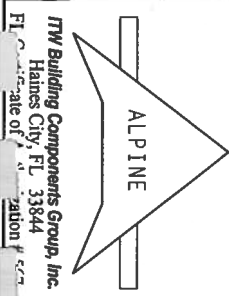
PLT TYP. Wave

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

ARTHUR R. FISHER & SONS
 No. 59887
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 JUD 8/1/07

Scale = .25"/ft.

TC LL	20.0 PSF	REF	R8228-91395
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179036
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25708
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02



ALPINE
 TTV Building Components Group, Inc.
 Gaines City, FL 33844
 Phone: 813-333-1111
 Fax: 813-333-1111
 Website: www.alpine-ttv.com

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLAN INSTITUTE), 6300 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22304 AND NRC CHORD 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. TTV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI.

CONNECTOR PLATES ARE MADE OF 2018/160A (W-H/S/S) ASTM A553 GRADE 40/60 (W, K/H-S5) GALV. STEEL. APPLY ALL REVISIONS TO THIS DESIGN. POSITION PER DRAWINGS 160A-Z.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE SPECIFIED. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. THE SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.

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

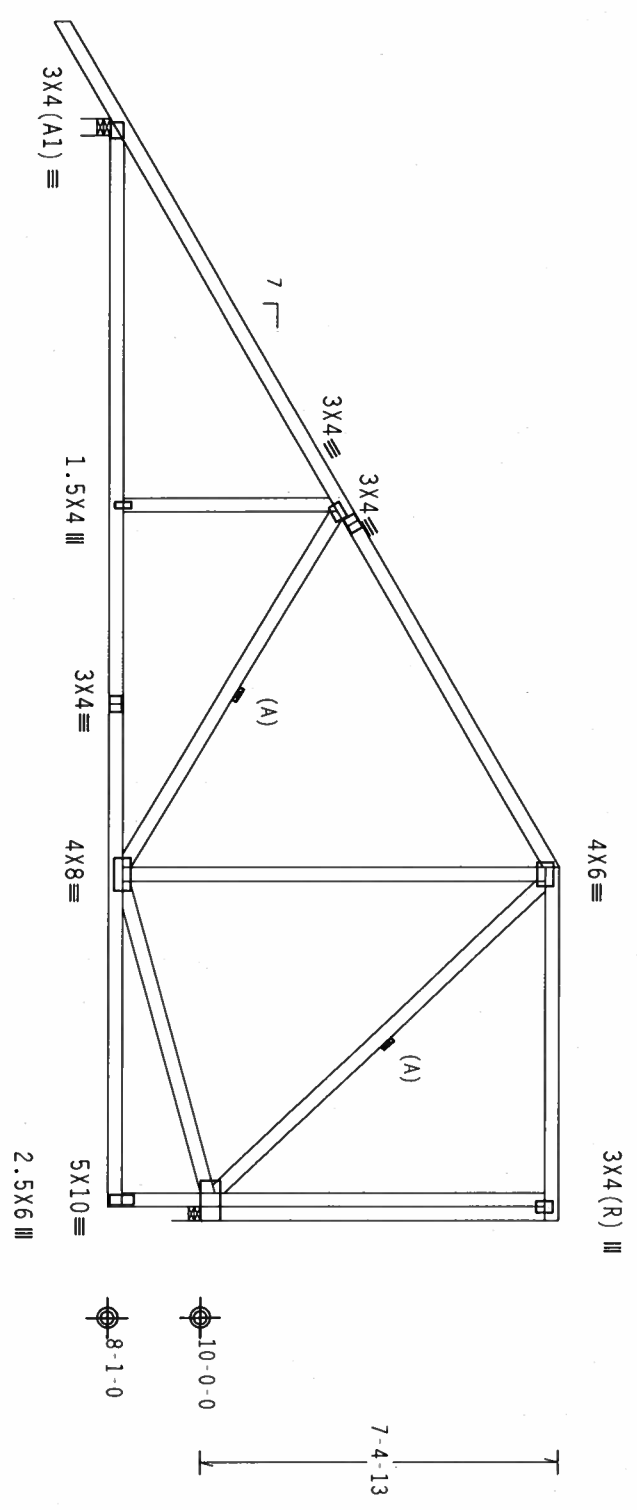
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 20.00 psf non-concurrent live load.



15-4-5
 22-8-0 Over 2 Supports
 R=1083 U=359 W=4"
 R=931 U=459 W=3.5"

PLT TYP. Wave

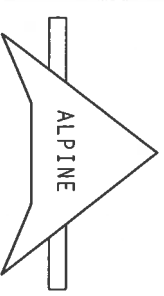
Design Crit: TPI-2002 (STD) / FBC
 Cq/RT=1.00(1.25)/10(0)

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

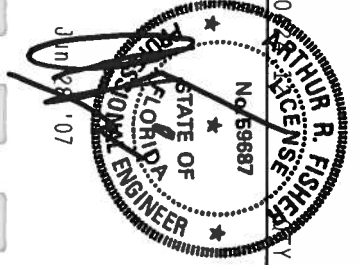
Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND 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. TTM 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 COMPARES WITH APPLICABLE PROVISIONS OF 905 (NATIONAL DESIGN SPEC. BY AREA) AND TPI. DESIGN COMPANY SHALL ASSUME RESPONSIBILITY FOR ALL ASPECTS OF THIS DESIGN. TTM BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF EACH FACE OF TRUSS AND EACH FACE OF EACH MEMBER. TTM BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF EACH FACE OF EACH MEMBER. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA 13 OF TPI 2002 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TTM Building Components Group, Inc.
 Gaines City, FL 33644
 FL Certificate of Authorization # 567

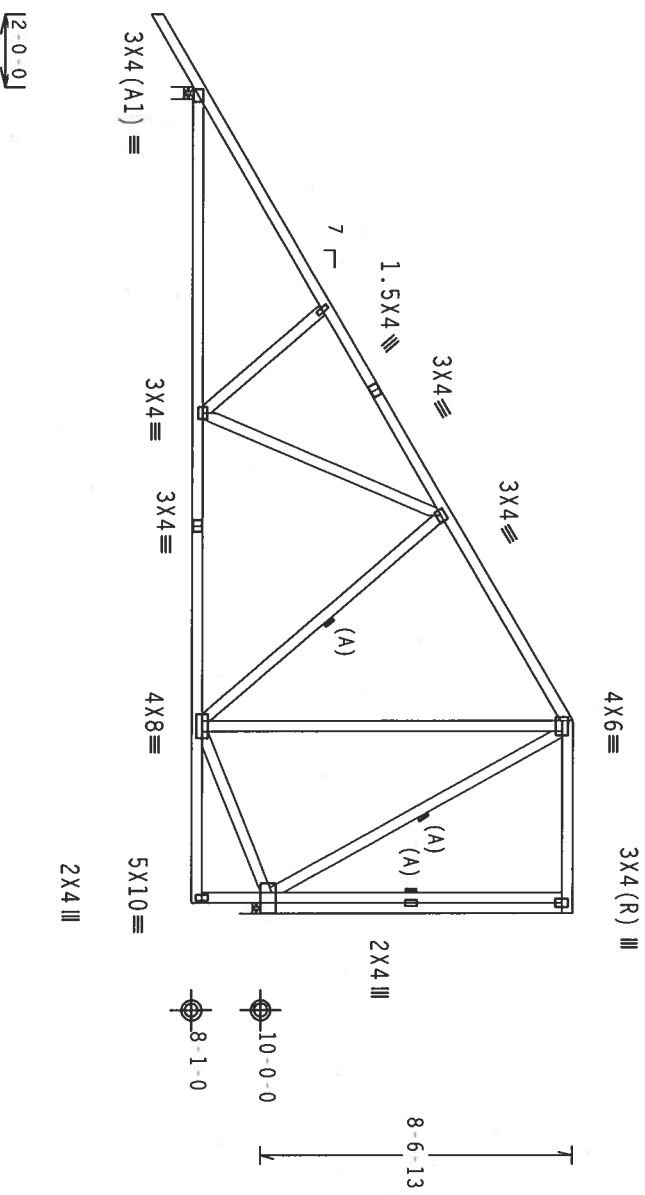


TC LL	20.0 PSF	REF	R8228-91396
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179037
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25713
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Bottom chord checked for 20.00 psf non-concurrent live load.



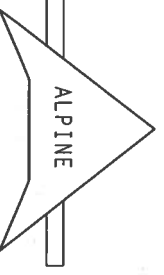
17-4-5
 5-0-3
 22-8-0 Over 2 Supports
 R=1083 U=336 W=4"
 R=931 U=479 W=3.5"

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

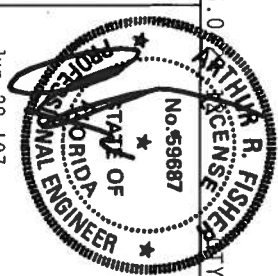
7.36.0
 Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL ASSOCIATION OF BUILDING OFFICIALS, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NIBCA (NATIONAL INSTITUTE 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. TTM 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 IBCS (NATIONAL DESIGN SPEC. BY AIA/AIA AND TPI. DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 160A, Z. PLATES SPECIFIC TO THIS TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, Z. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TTM Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 4547



TC LL	20.0 PSF	REF	R8228 - 91397
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSUR8228 07179038
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25726
DUR. FAC.	1.25		
SPACING	24.0"	JREF -	1T8K8228Z02

TOP chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 : Rt Bearing Leg 2x4 SP #3:

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

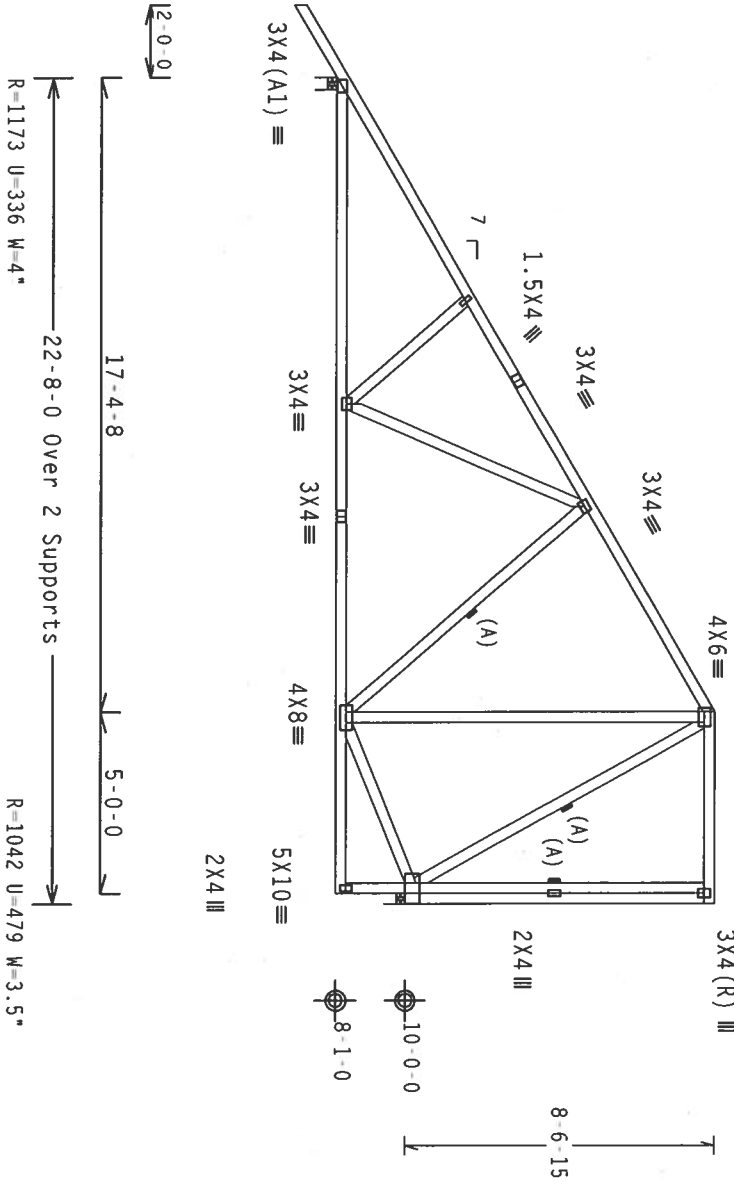
Bottom chord checked for 20.00 psf non-concurrent live load.

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

SPECIAL LOADS

(LUMBER	DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at -2.00 to 63 PLF at 8.22	
TC - From 63 PLF at 8.22 to 63 PLF at 17.38	
TC - From 63 PLF at 17.38 to 63 PLF at 22.67	
BC - From 5 PLF at -2.00 to 5 PLF at 0.00	
BC - From 20 PLF at 0.00 to 20 PLF at 12.00	
BC - From 20 PLF at 12.00 to 20 PLF at 22.38	
PLB- 100 LB Conc. Load at (10.50,8.12), (14.50,8.33)	

Right end vertical not exposed to wind pressure.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
 Truss supports 200# mech unit; unit centered at 12-5-15; supported by BC; unit width 4-0-0; supported by 2 trusses.



PLT TYP. Wave

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

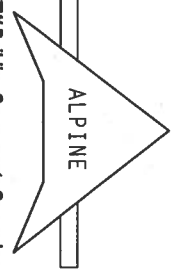
7.36

TY: 1 FL / - / 4 / - / - / R / -

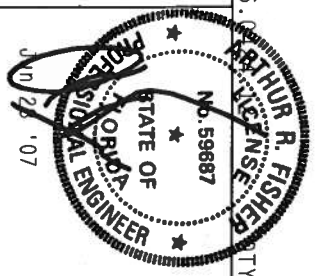
Scale = .1875" / ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE DRAWINGS FOR ALL DIMENSIONS AND CONNECTIONS. THE TRUSS SHALL BE ASSEMBLED ON A FLAT SURFACE. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WICK HOOK TRUSS COMPANY, INC., 1000 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-2002. CONNECTOR PLATES ARE MADE OF 2018/1664 (W/HS/S) ASTM A575 GRADE 40/60 (W, K/N-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SURFACE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R8228- 91398
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179039
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25789
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 : Rt Bearing Leg 2x4 SP #3:

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 20.00 psf non-concurrent live load.

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

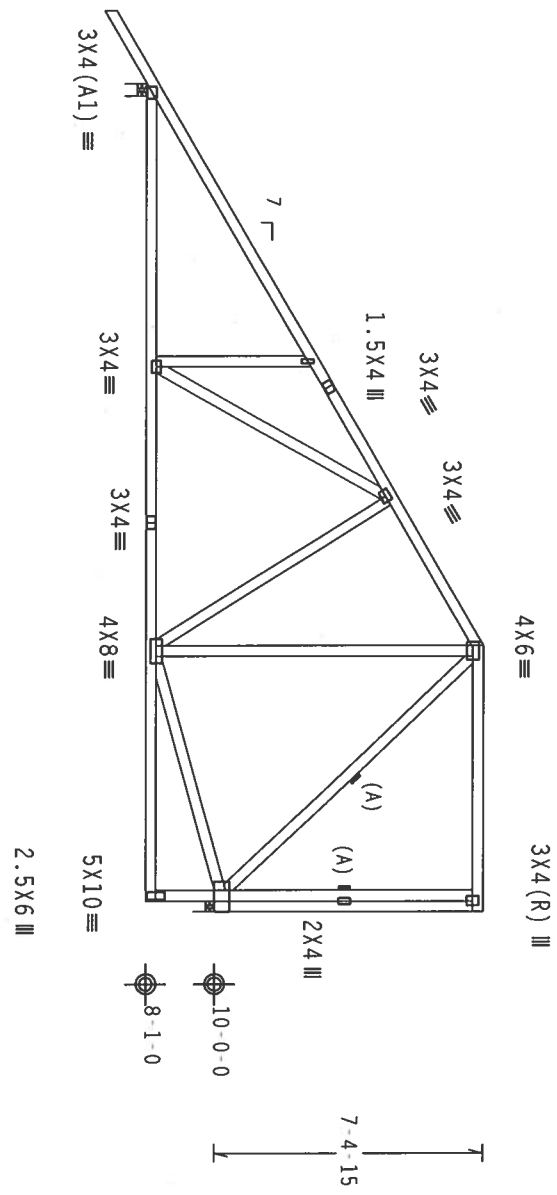
SPECIAL LOADS

TC - From	DUR.FAC.=1.25 / PLATE	DUR.FAC.=1.25)
63 PLF at -2.00 to	63 PLF at 8.22 to	63 PLF at 15.38
63 PLF at 8.22 to	63 PLF at 15.38 to	63 PLF at 22.67
5 PLF at 15.38 to	5 PLF at 0.00 to	20 PLF at 12.00
BC - From	20 PLF at -2.00 to	20 PLF at 22.38
BC - From	20 PLF at 0.00 to	20 PLF at 12.00
PLB - 100 LB Conc. Load at (10.00, 8.12), (14.00, 8.33)		

Right end vertical not exposed to wind pressure.

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

Truss supports 200# mech unit; unit centered at 12-0-0; supported by BC; unit width 4-0-0; supported by 2 trusses.



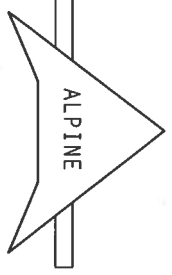
12-0-0
 15-4-8
 7-0-0
 22-8-0 Over 2 Supports
 7-0-0
 7-4-15
 10-0-0
 8-1-0
 R=1177 U=359 W=4"
 R=1038 U=459 W=3.5"

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

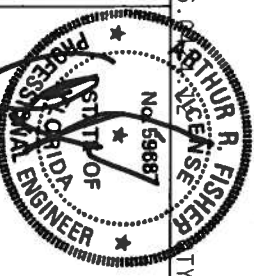
7.36
 Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTM 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 COMPROMISES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD) AND TPI. TTM BCG CONNECTOR PLATES ARE MADE OF 70/10/16GA (W/H/55/75) ASTM A653 GRADE 40/60 (K, K/P, S3) GALV. STEEL. APPLY TO ALL TRUSS MEMBERS. ALL DESIGNATIONS SHALL BE SHOWN AS ON TPI DESIGN SECTION PER DRAWINGS 180A-Z. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE SEEN AS A DESIGNATION BY THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TTM Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 567



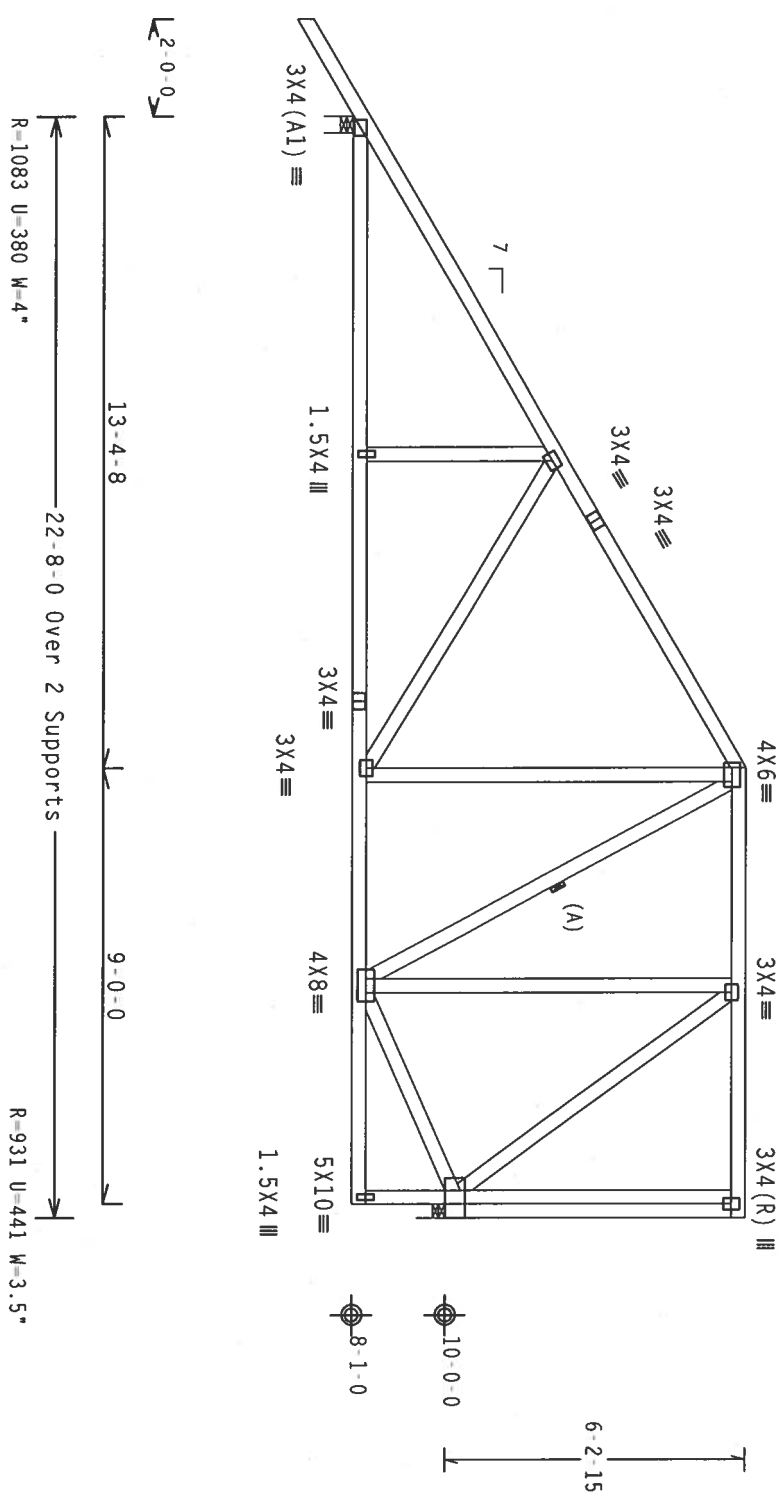
FL / - / 4 / - / - / R / -	TY: 1	Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R8228- 91399
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCUR8228 07179040
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SEQN- 25795
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1T8K8228Z02

Jun 28 '07

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.
 In lieu of structural panels use purtins to brace all flat TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

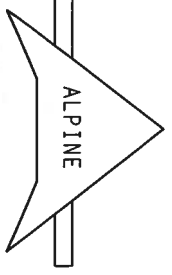
7.36.0

FL/-/4/-/R/-

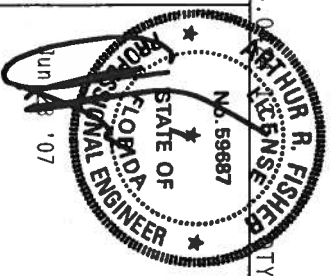
Scale = .25"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (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, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING).

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY ACP&A AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP&A AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (CM/MS/75) ASTM A653 GRADE 40/60 (K/MS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, Z. DESIGNER'S RESPONSIBILITY SHALL BE LIMITED TO THE DESIGN, POSITION PER DRAWINGS 160A, Z. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TIV Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 547

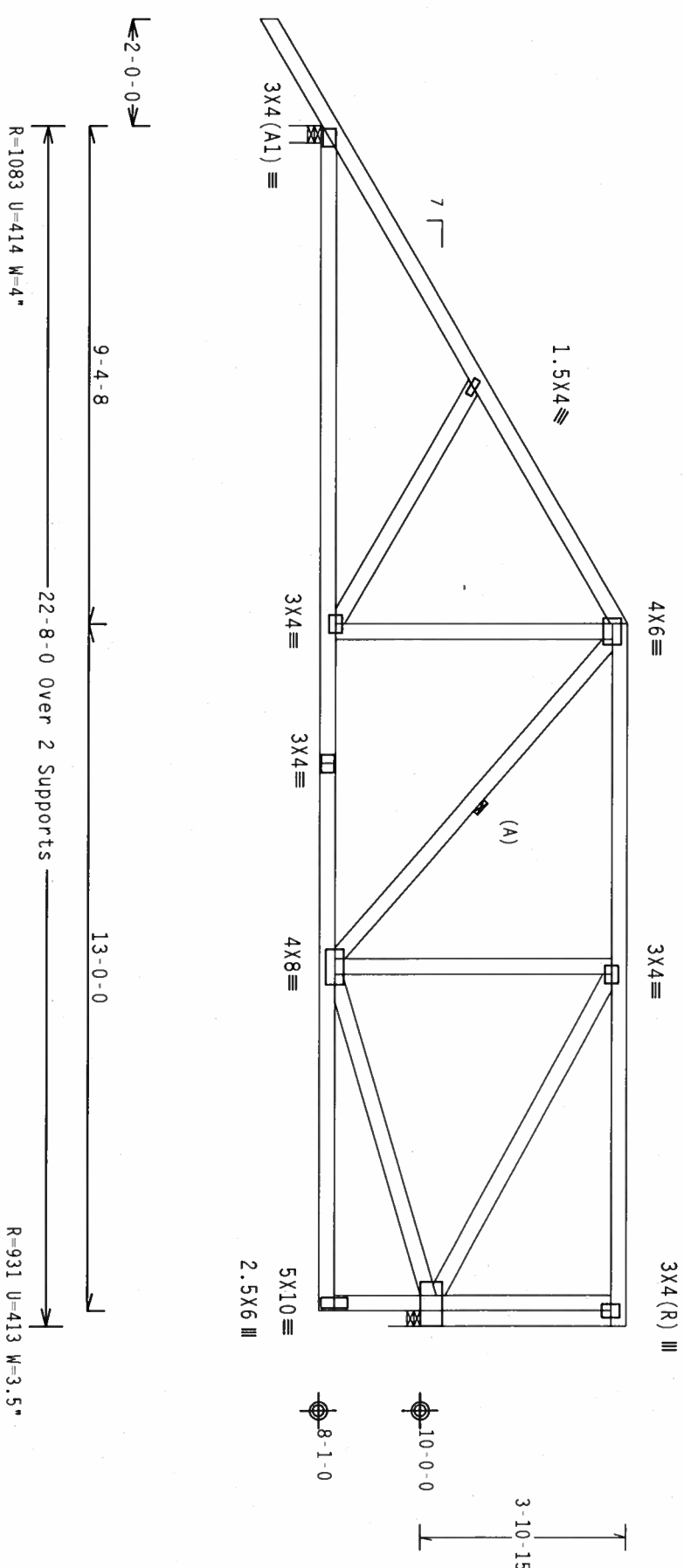


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TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSUR8228- 07179041
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25749
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Rt Bearing Leg 2x4 SP #3:

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Bottom chord checked for 20.00 psf non-concurrent live load.

(A) Continuous lateral bracing equally spaced on member.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



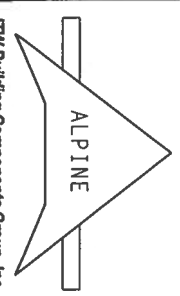
PLT TYP. Wave

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

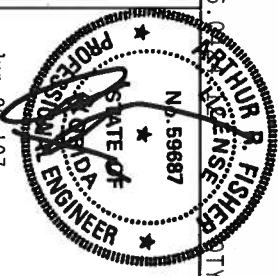
Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TFW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD) AND TPI. CONNECTOR PLATES ARE MADE OF 2017B/76GA (W/5/5/5) ASTM A653 GRADE 40/60 (W. K/H-55) GALV. STEEL. APPLY ALL REVISIONS TO THIS DESIGN. UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 180A, 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S RESPONSIBILITY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TFW Building Components Group, Inc.
 Haines City, FL 33844
 FL Certificate of Authorization # 567

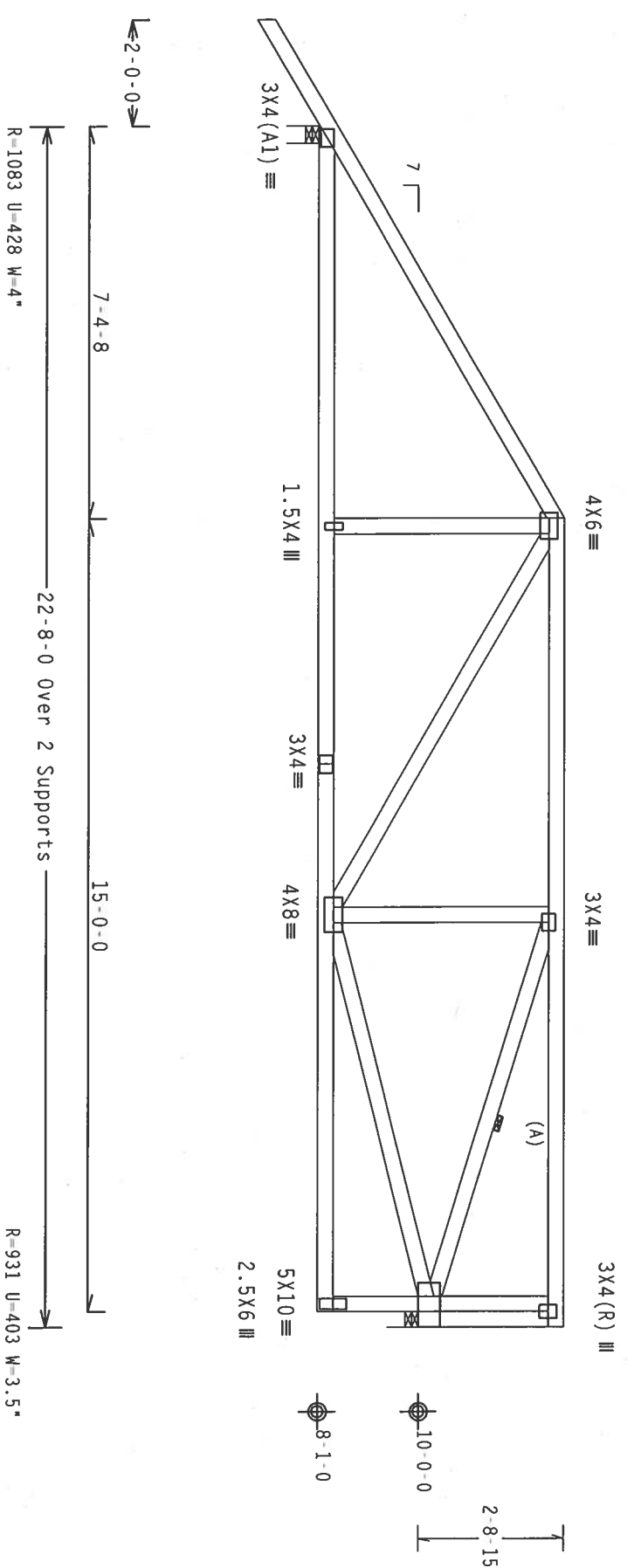


TC LL	20.0 PSF	REF	R8228 - 91402
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSR8228 07179043
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25761
DUR. FAC.	1.25		
SPACING	24.0"	JREF -	1T8K8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.
 In lieu of structural panels use purlins to brace all flat TC @
 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not
 located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
 DL=5.0 psf, wind BC DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Bottom chord checked for 20.00 psf non-concurrent live load.



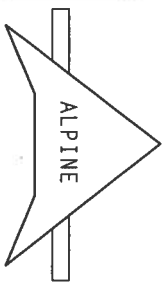
PLT TYP. Wave

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

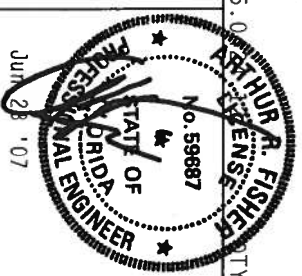
Scale = .3125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE COMPANY'S TRUSSING MANUAL FOR A COMPLETE LIST OF TRUSSING PRACTICES. THE TRUSSING MANUAL IS AVAILABLE FROM THE COMPANY AT A COST OF \$25.00 PER COPY. THE TRUSSING MANUAL IS AVAILABLE FROM THE COMPANY AT A COST OF \$25.00 PER COPY. THE TRUSSING MANUAL IS AVAILABLE FROM THE COMPANY AT A COST OF \$25.00 PER COPY. THE TRUSSING MANUAL IS AVAILABLE FROM THE COMPANY AT A COST OF \$25.00 PER COPY.

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



ITW Building Components Group, Inc.
 Haines City, FL 33844
 FL-Certificate of Registration #567



TC LL	20.0 PSF	REF	R8228 - 91403
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179044
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25766
DUR. FAC.	1.25		
SPACING	24.0"	JREF	1T8K8228Z02

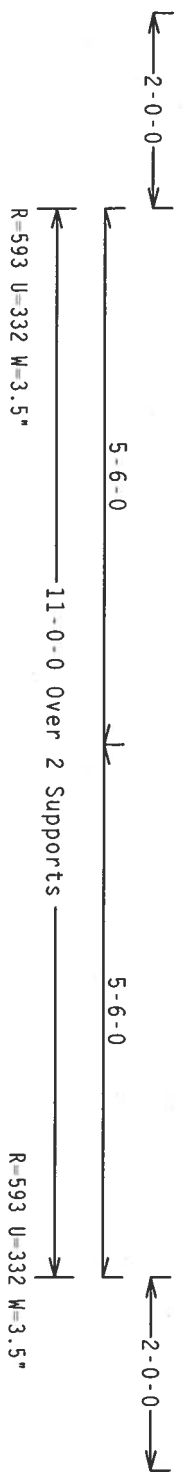
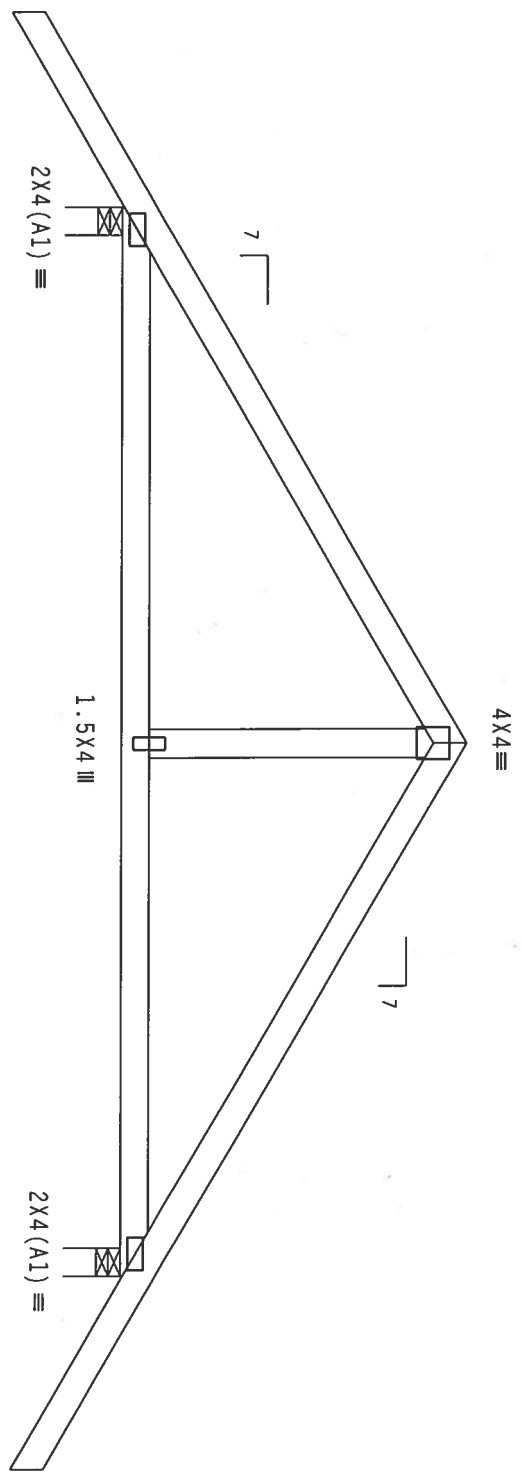
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webbs 2x4 SP #3

Wind reactions based on WMFRS pressures.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

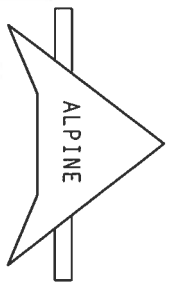
QTY: 1 FL-/4/-/R/-

Scale = .5"/ft.

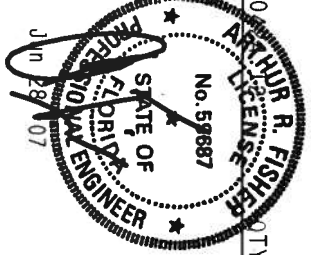
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2017B/160A (W/H/55/51) ASTM A653 GRADE 40/60 (W, K/H/55) GALV. STEEL. APPLY AN INTERSECTION OF STUDS AND BRACES UNLESS OTHERWISE SPECIFIED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSSAL ORGANIZATION 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 # 567



TC LL	20.0 PSF	REF	R8228-91404
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179015
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25425
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

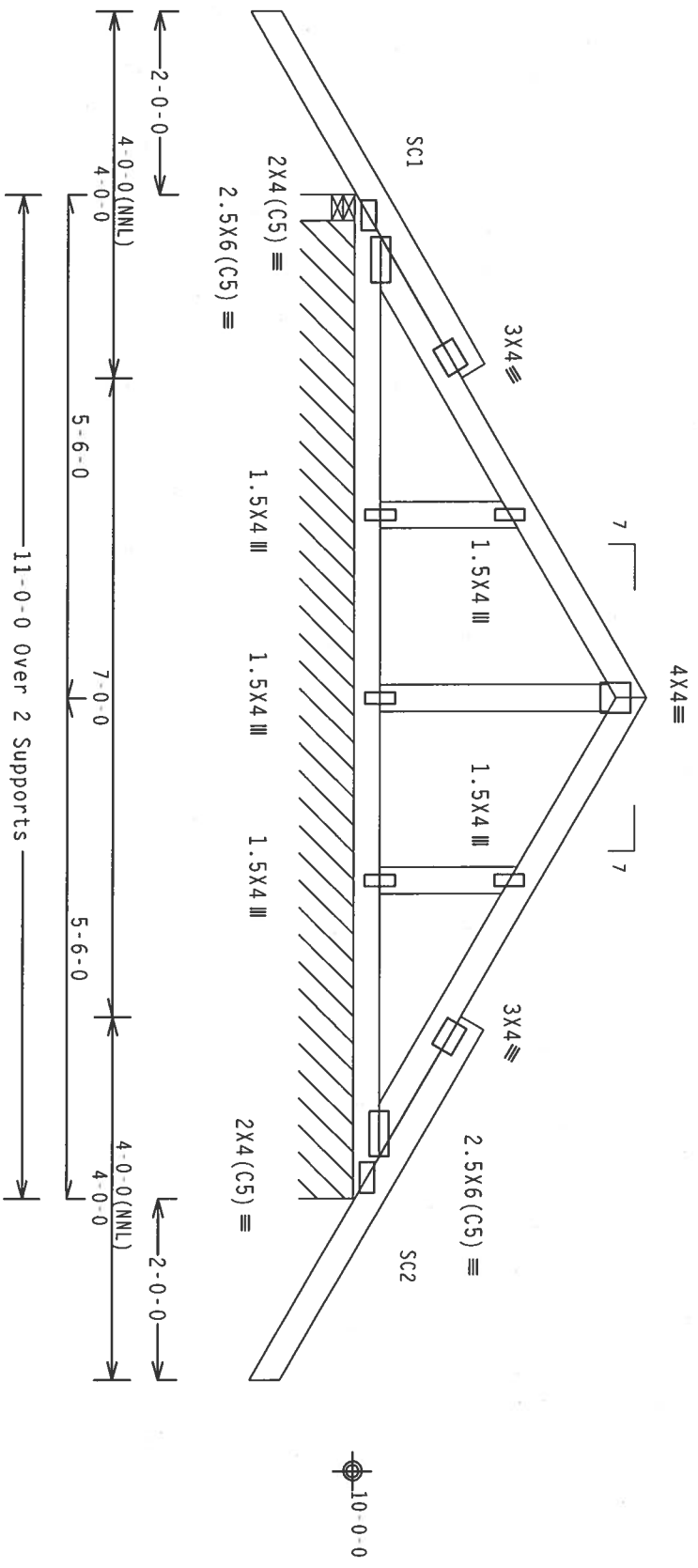
Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 : Stack Chord SC1 2x4 SP #2 Dense:
 : Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1'-0" top chord
 outlookers. Cladding load shall not exceed 4.00 PSF. Top chord
 must not be cut or notched.

In lieu of structural panels use purlins to brace TC @ 24" OC.
 Bottom chord checked for 20.00 psf non-concurrent live load.
 Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located
 anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
 DL=5.0 psf.
 Wind reactions based on MWFRS pressures.
 See DWGS A13015ECC0207 & 68LLETIN0207 for more requirements.

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



PLT TYP. Wave

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

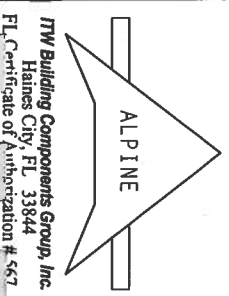
7.36.0

FL/-/4/-/R/-

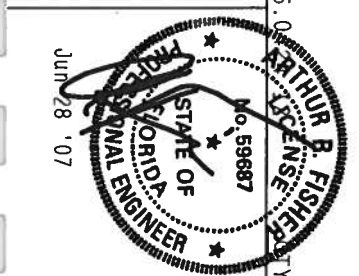
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSS IN PERFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/16/16GA (W/MS/S/S) ASTM A653 GRADE 40/60 (W, K/P/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY THIS DESIGN. SECTION PER DRAWINGS 180A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPANY DESIGN SHOWS THE STABILITY 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 # 567



TC LL	20.0 PSF	REF	R8228-91405
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179045
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25429
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228202

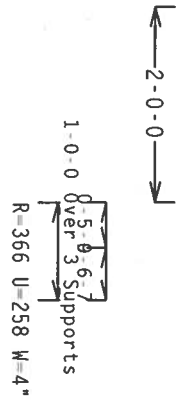
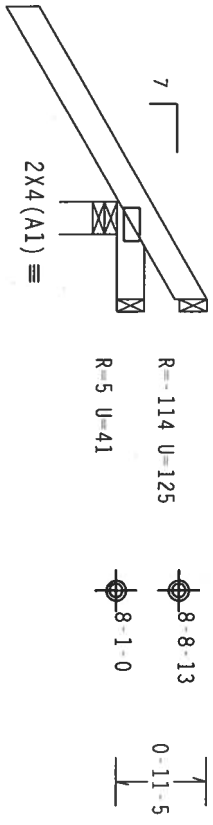
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36.0

QTY:1

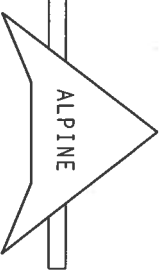
FL/-/4/-/-/R/-

Scale =.5"/Ft.

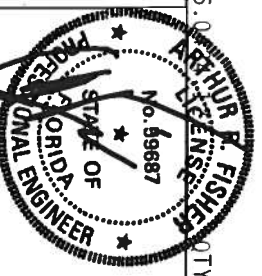
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF AIA (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITM BCG DESIGN COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567



TC LL	20.0 PSF	REF	R8228-91406
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSR8228 07179046
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25306
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MMFRS pressures.

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

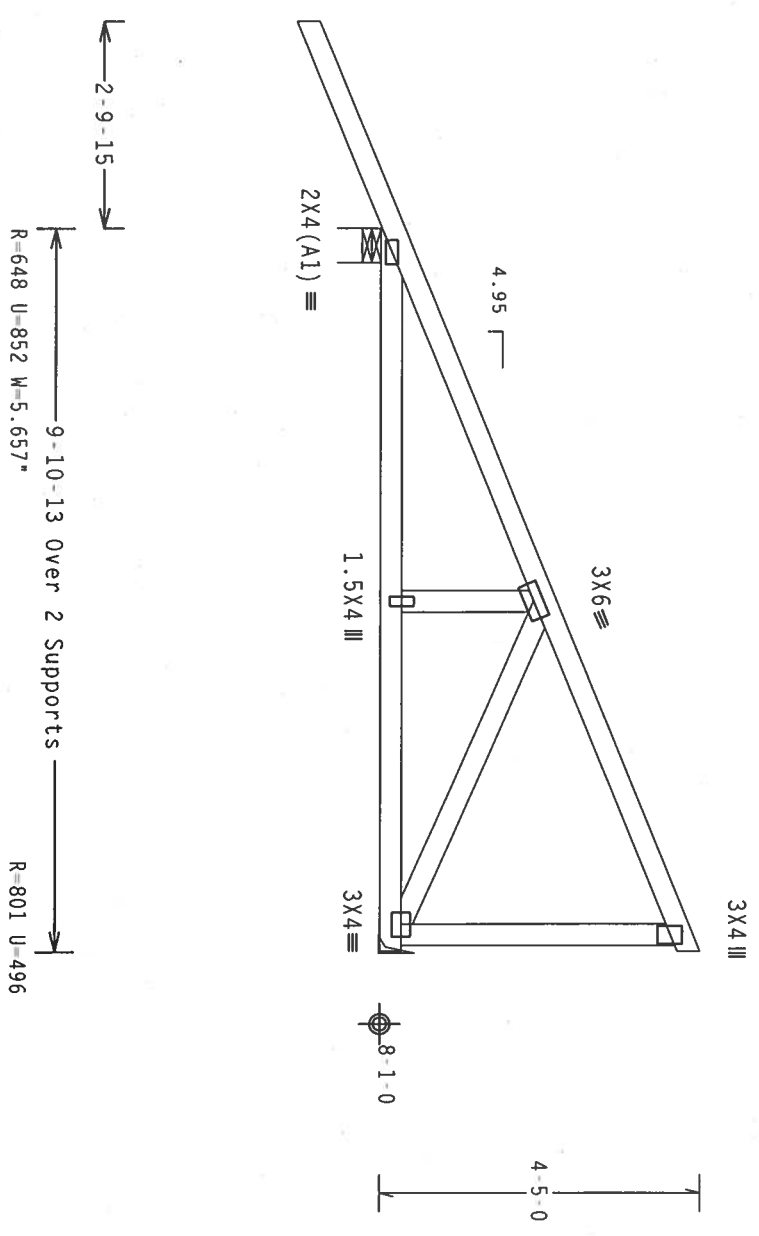
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

SPECIAL LOADS

TC	From	DUR.	FAC.	PLATE	DUR.	FAC.
TC	From	62 PLF	at -1.25 /	PLATE	DUR.	FAC.=-1.25
BC	From	4 PLF	at -2.83 to	62 PLF	at 9.90	
BC	From	20 PLF	at -2.83 to	4 PLF	at 0.00	
TC	From	228 LB Conc.	Load at 0.00 to	20 PLF	at 9.90	
TC	From	98 LB Conc.	Load at 1.48			
TC	From	244 LB Conc.	Load at 4.31			
BC	From	66 LB Conc.	Load at 7.13			
BC	From	144 LB Conc.	Load at 1.48			
BC	From	263 LB Conc.	Load at 4.31			
BC	From	263 LB Conc.	Load at 7.13			

Right end vertical not exposed to wind pressure.



PLT TYP. Wave

Design Crit: TP1-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7.36.0

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

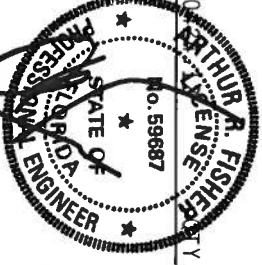
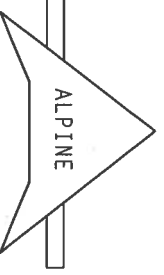
Scale = .375"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCGI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 TRUSS PLATE MANUFACTURING NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND NCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING THE TRUSS SHALL BE THE RESPONSIBILITY OF THE BUILDER. DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSS.

DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AERPA) AND TP1. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1604 (W/H/S/S) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY ALL REVISIONS TO THIS DESIGN. POSITION PER DRAWINGS 180A-Z. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE SPECIFIED. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

ITW Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 667



TC LL	20.0 PSF	REF	R8228-91407
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCSR8228 07179047
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25381
DUR. FAC.	1.25		
SPACING	24.0"	JREF	1T8K8228Z02

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

130 mph wind, 15.00 ft. mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Wind reactions based on MMFRS pressures.

Hipjack supports 7-6-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

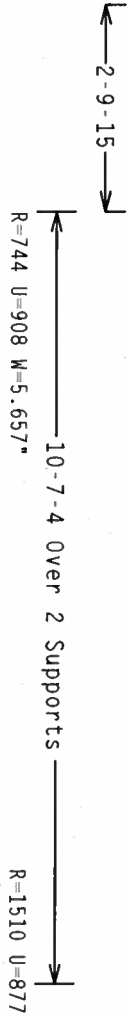
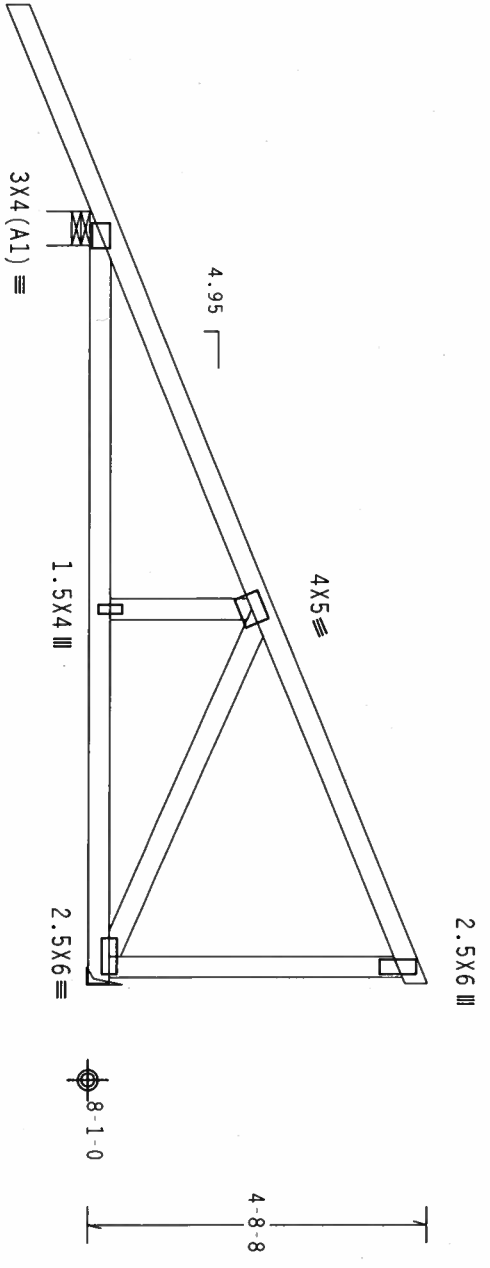
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

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

TC - From	62 PLF at -2.83 to	62 PLF at 10.61
BC - From	4 PLF at -2.83 to	4 PLF at 0.00
TC - From	20 PLF at 0.00 to	20 PLF at 10.61
TC -	-228 LB Conc. Load at	1.48
TC -	98 LB Conc. Load at	4.31
TC -	244 LB Conc. Load at	7.13
TC -	370 LB Conc. Load at	9.96
BC -	-66 LB Conc. Load at	1.48
BC -	144 LB Conc. Load at	4.31
BC -	253 LB Conc. Load at	7.13
BC -	378 LB Conc. Load at	9.96

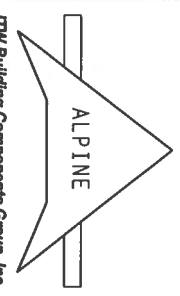
Right end vertical not exposed to wind pressure.



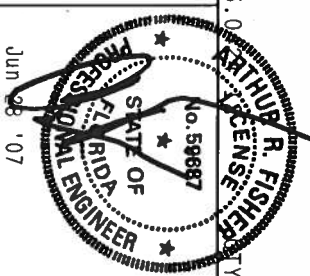
PLT TYP. Wave
Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCCA (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 TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF B03 (NATIONAL DESIGN SPEC. BY AERPA AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 0760 (IN A/CN-53) GALV. STEEL. ITW BCG PROVIDES TO EACH FACE OF EACH JOINT 200 LB MINIMUM STRENGTH BOLTS AND WASHERS PER DRAWING A109A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA 43 OF TPI-2002 SEC.1 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 557



TC LL	20.0 PSF	REF	R8228 - 91408
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179048
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25771
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

Scale = .375"/ft.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

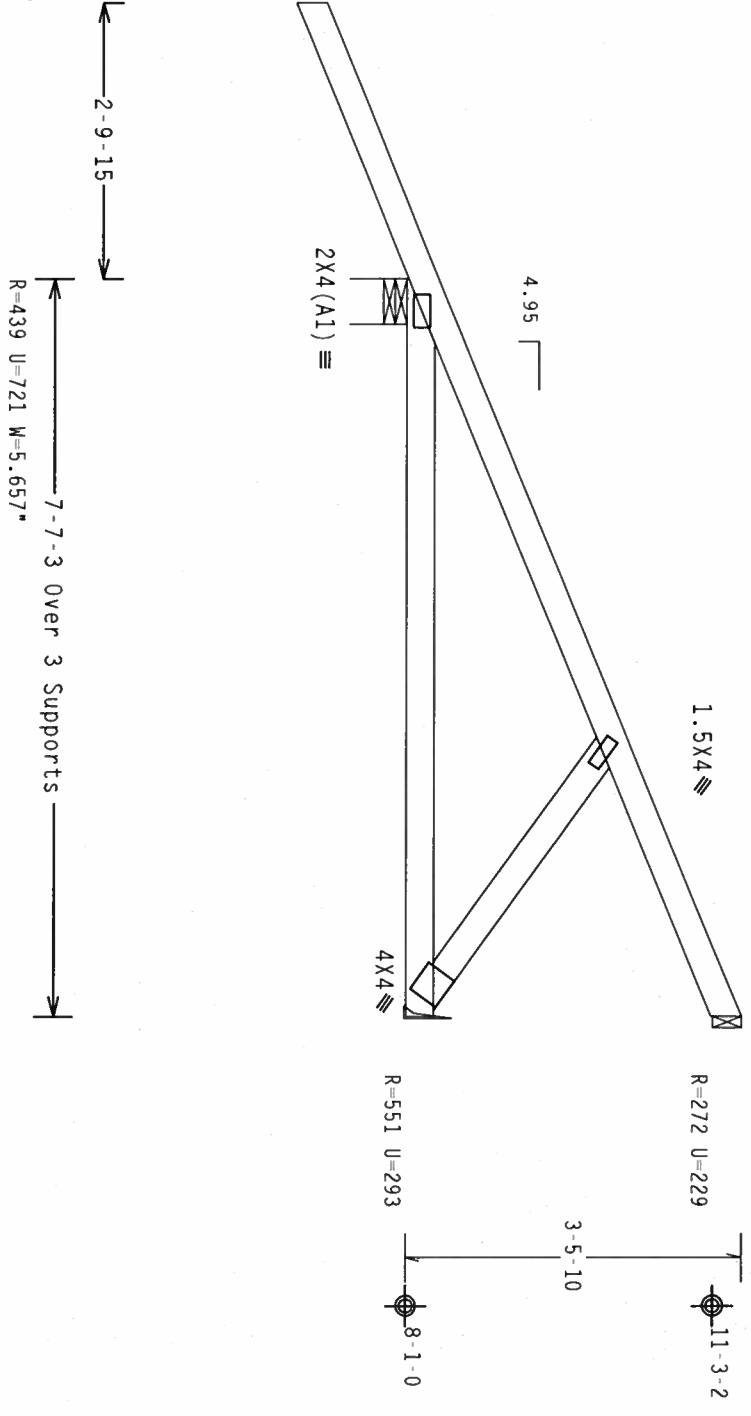
Hipjack supports 5-4-8 setback jacks with no webs.

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

SPECIAL LOADS

----- (LUMBER)

TC - From	62 PLF at -2.83 to 62 PLF at 7.60	DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25
BC - From	4 PLF at -2.83 to 4 PLF at 0.00	
BC - From	20 PLF at 0.00 to 20 PLF at 7.60	
PLT - From	228 LB Conc. Load at (1.48, 8.98)	
PLT - From	98 LB Conc. Load at (4.31, 10.15)	
PLT - From	244 LB Conc. Load at (7.13, 11.32)	
PLB - From	66 LB Conc. Load at (1.48, 8.12)	
PLB - From	144 LB Conc. Load at (4.31, 8.12)	
PLB - From	263 LB Conc. Load at (7.13, 8.12)	



PLT TYP. Wave

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

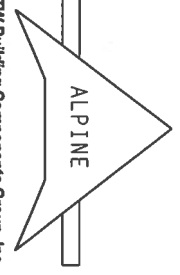
7.36.04

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

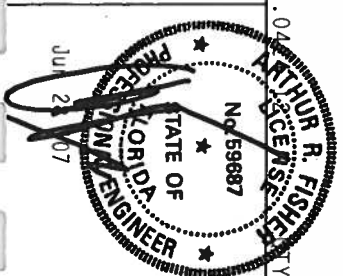
Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA (WOOD JOINT 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. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/S) ASTM A653 GRADE 40/50 (W. K/M/SS) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. THIS SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROJECT BY TPI-2002, SECTION 3 FOR THE TRUSS. THE SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TIV Building Components Group, Inc.
 Gaines City, FL 33844
 FL Certificate of Authorization # 547



TC LL	20.0 PSF	REF	R8228-91409
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUR8228 07179049
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25354
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228202

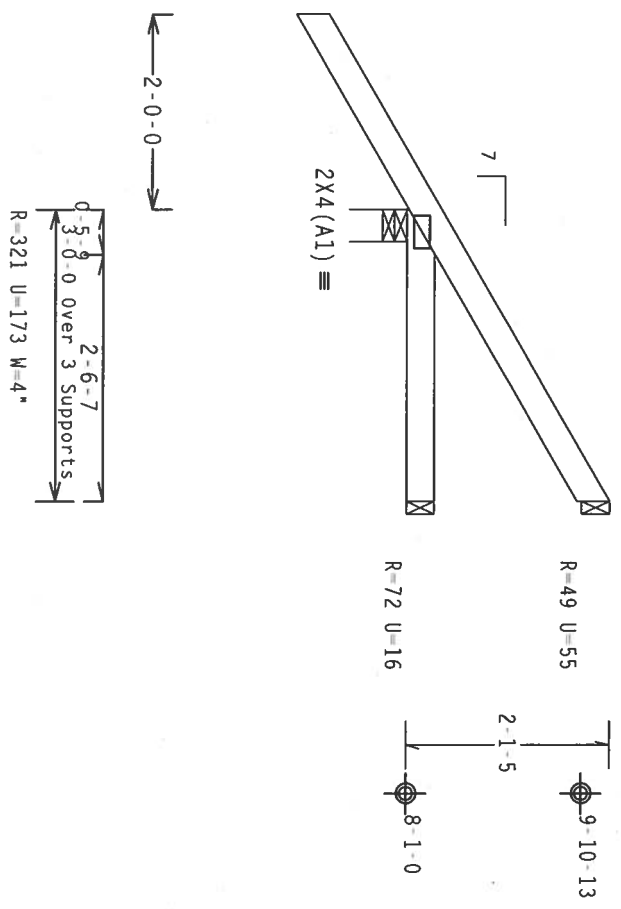
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36.04

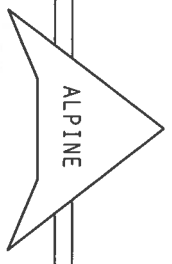
Scale = .5"/ft.

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

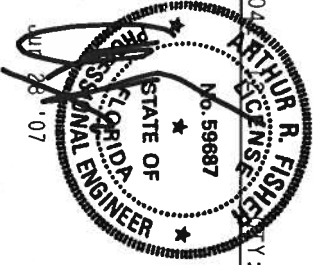
Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCCA (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. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASD AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/A/S/S) ASTM A653 GRADE 40/60 (K/M/SS) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TIV Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 527



TC LL	20.0 PSF	REF	R8228-91410
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 0719016
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25316
DUR. FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

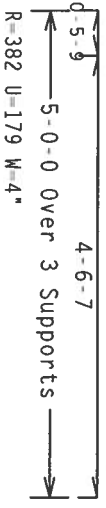
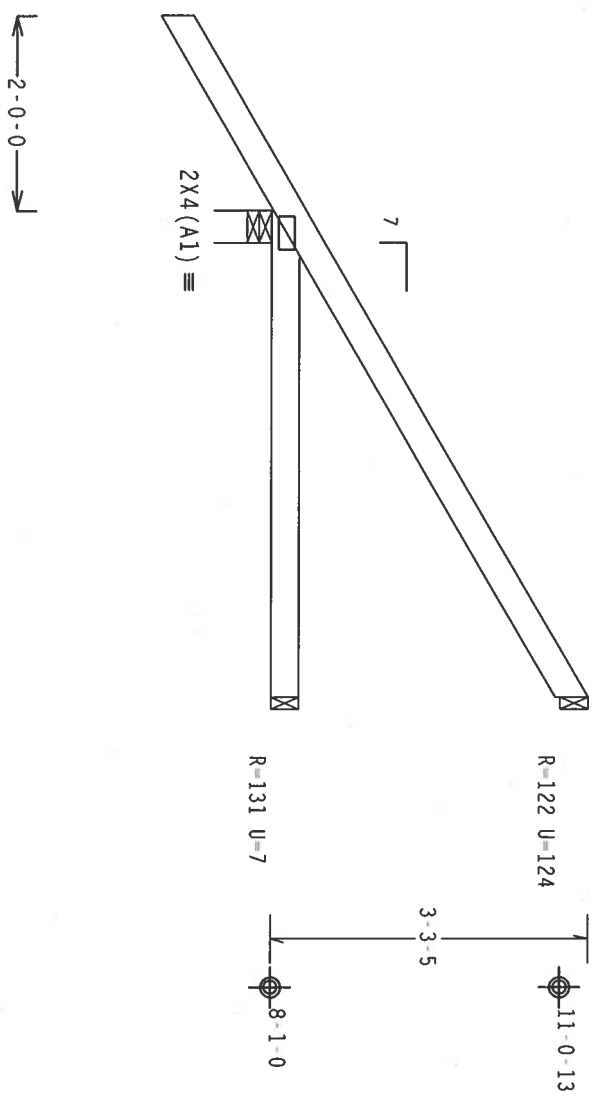
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

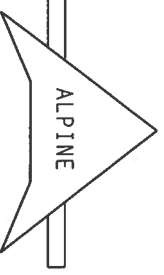
7.36.04

TY:1 FL/-/4/-/1-/R/-

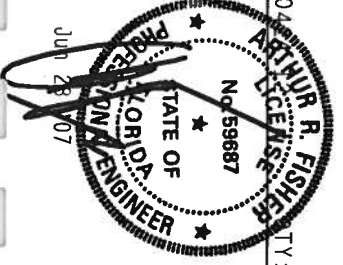
Scale = .5"/ft.

****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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****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 COMPROMISES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NIPPA) AND TPI. CONNECTION PLATES ARE MADE OF 2018/1604 (A19135) ALUMINUM GRADE 40/60 (K, K/H, S3) GALV. STEEL. ITW BCG CONNECTION PLATES ARE MADE OF 2018/1604 (A19135) ALUMINUM GRADE 40/60 (K, K/H, S3) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED AS SHOWN IN THIS DESIGN. SECTION PER DRAWING 1604.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
State of Florida Registration # 567



TC LL	20.0 PSF	REF	R8228- 91411
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179017
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25320
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

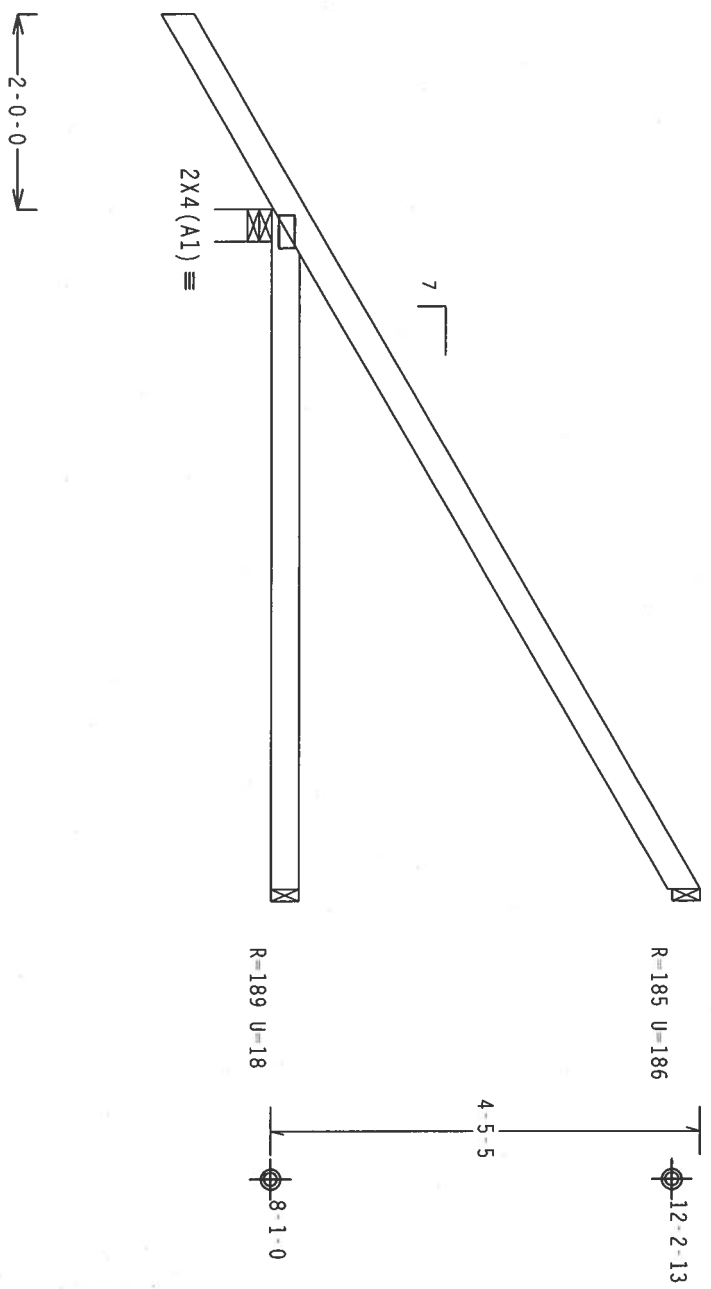
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MFRS pressures.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



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

PLT TYP. Wave

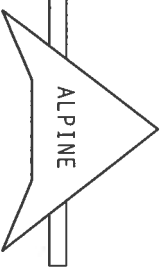
7.36.00

TY:1 FL/-/4/-/1/R/-

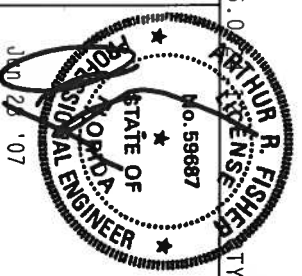
Scale = .5"/ft.

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

****IMPORTANT**** 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. BY AEPRA AND TPI. DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. ALL TRUSS COMPONENTS WITH ANGLE CONNECTIONS OR JOINTS (NATIONAL DESIGN SPEC. BY AEPRA AND TPI. DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. ALL TRUSS PLAYERS TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA AS OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 557



TC LL	20.0 PSF	REF	R8228- 91412
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179018
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN-	25324
DUR. FAC.	1.25		
SPACING	24.0"	UREF-	1T8K8228Z02

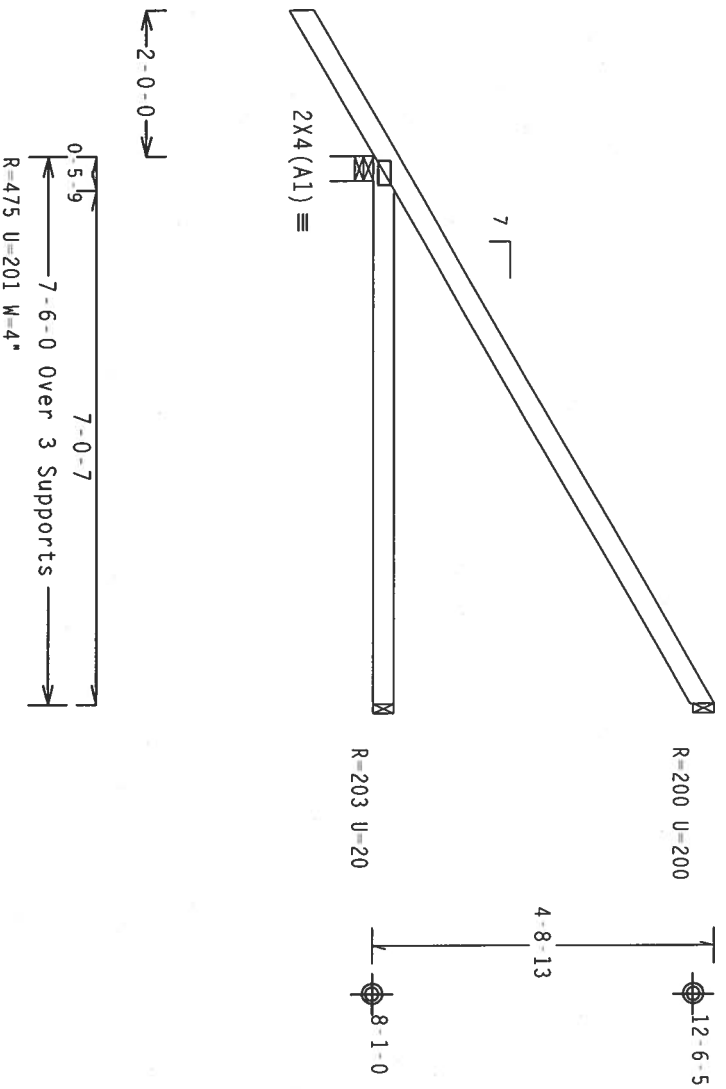
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36:04

FL/-/4/-/R/-

Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MAULDSBORO, VA, 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. TPC, 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. BY ACP/PAI AND TPI. TPC, INC. DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP/PAI) AND TPI. TPC, INC. CONNECTION DETAILING SHALL BE IN ACCORDANCE WITH THE 2018/2019 IBC/ASCE 7/ASCE 8/ASCE 10/ASCE 15/ASCE 16/ASCE 17/ASCE 18/ASCE 19/ASCE 22/ASCE 24/ASCE 29/ASCE 30/ASCE 31/ASCE 32/ASCE 33/ASCE 35/ASCE 36/ASCE 38/ASCE 40/ASCE 41/ASCE 42/ASCE 43/ASCE 44/ASCE 45/ASCE 46/ASCE 47/ASCE 48/ASCE 49/ASCE 50/ASCE 51/ASCE 52/ASCE 53/ASCE 54/ASCE 55/ASCE 56/ASCE 57/ASCE 58/ASCE 59/ASCE 60/ASCE 61/ASCE 62/ASCE 63/ASCE 64/ASCE 65/ASCE 66/ASCE 67/ASCE 68/ASCE 69/ASCE 70/ASCE 71/ASCE 72/ASCE 73/ASCE 74/ASCE 75/ASCE 76/ASCE 77/ASCE 78/ASCE 79/ASCE 80/ASCE 81/ASCE 82/ASCE 83/ASCE 84/ASCE 85/ASCE 86/ASCE 87/ASCE 88/ASCE 89/ASCE 90/ASCE 91/ASCE 92/ASCE 93/ASCE 94/ASCE 95/ASCE 96/ASCE 97/ASCE 98/ASCE 99/ASCE 100/ASCE 101/ASCE 102/ASCE 103/ASCE 104/ASCE 105/ASCE 106/ASCE 107/ASCE 108/ASCE 109/ASCE 110/ASCE 111/ASCE 112/ASCE 113/ASCE 114/ASCE 115/ASCE 116/ASCE 117/ASCE 118/ASCE 119/ASCE 120/ASCE 121/ASCE 122/ASCE 123/ASCE 124/ASCE 125/ASCE 126/ASCE 127/ASCE 128/ASCE 129/ASCE 130/ASCE 131/ASCE 132/ASCE 133/ASCE 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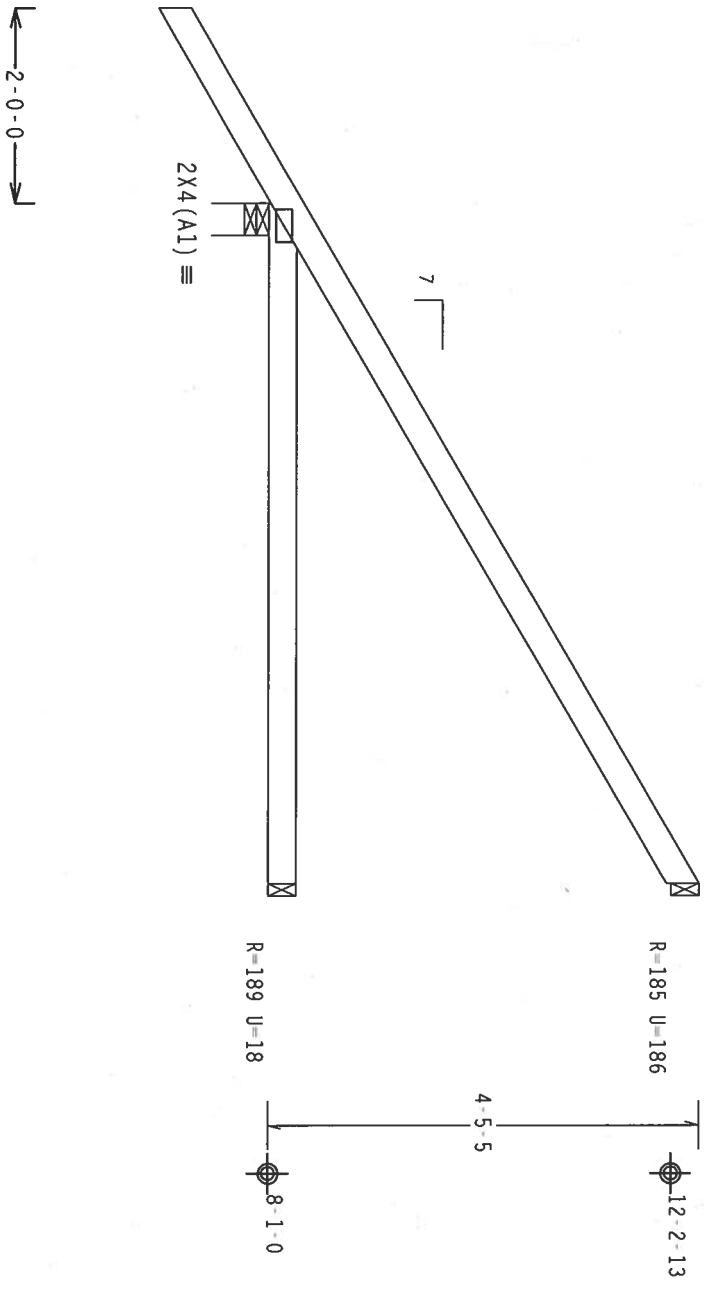
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

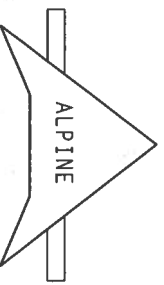
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.36.04

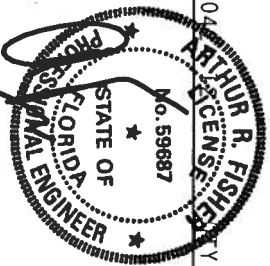
Scale = .5"/ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. TIV BCG CONNECTION PLATES ARE MADE OF 20/18/18GA (K/H/SS/A) ASTM A653 GRADE 40/60 (K/R/SS) GALV. STEEL. APPLY TO ANY INSPECTION OF THESE PLATES FOR ONCE BY TIV BCG. RESISTION PER DRAWINGS. TIV BCG DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT 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.



TIV Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 547



TC LL	20.0 PSF	REF	R8228- 91414
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179020
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25337
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

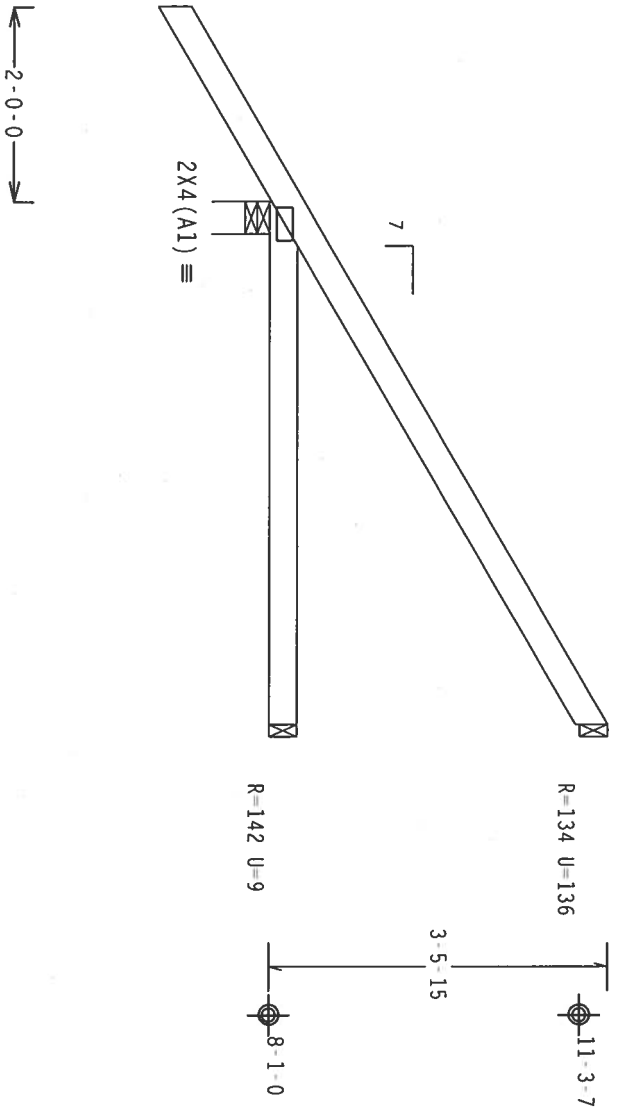
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36.0

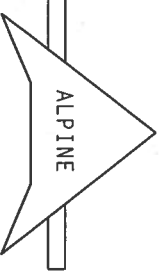
QTY: 1

FL/-/4/-/R/-

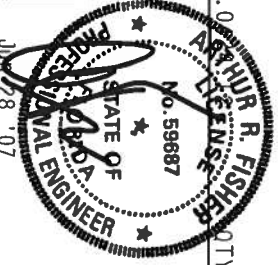
Scale = .5"/ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACP&A) AND TPI. THE BCG CONTACT TO EXAMINE AND MAKE USE OF 2010/1806, ENR/ASCE, ASTM A663 GRADE 40/50 (40, A/N, S5) GALV. STEEL, APPLY TO CONTACT TO EXAMINE AND MAKE USE OF 2010/1806, ENR/ASCE, ASTM A663 GRADE 40/50 (40, A/N, S5) GALV. STEEL, APPLY ANY INSPECTION OF PLATES FOLLOWS BY (1) TPI-2002-SEC 13. THE SUITABILITY AND USE OF THIS COMPONENT 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 # 567



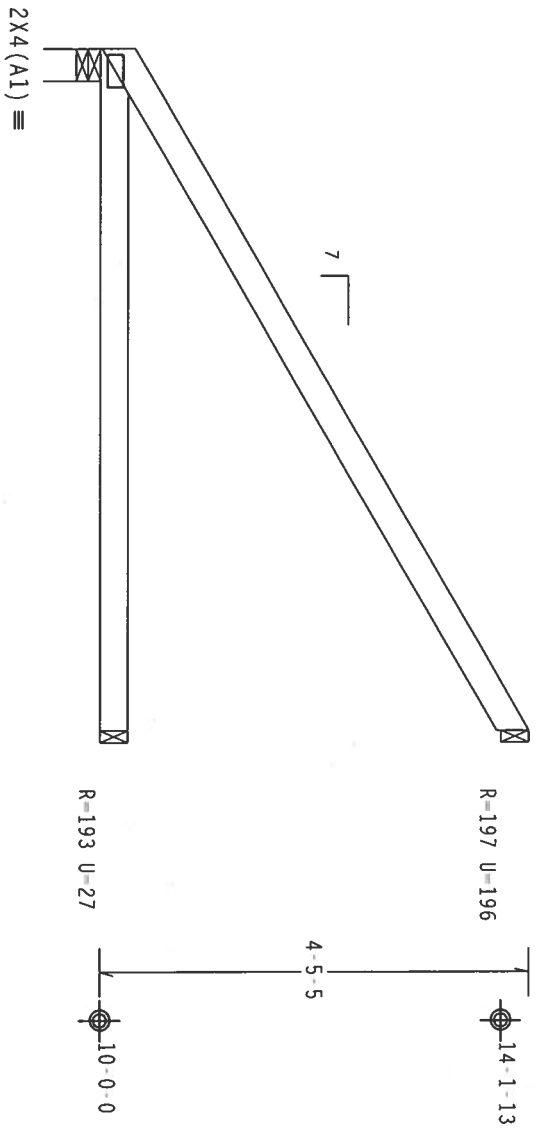
TC LL	20.0 PSF	REF	R8228- 91415
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179021
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25345
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.
Bottom chord checked for 20.00 psf non-concurrent live load.



7'-0-0 Over 3 Supports
R=297 U=85 W=4*

PLT TYP. Wave

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

7.36.0

FL/-/4/-/R/-

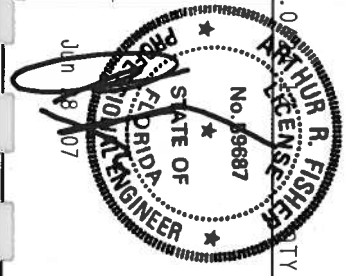
Scale = .5"/ft.

ALPINE

TW Building Components Group, Inc.
Haines City, FL 33844
Florida State of Authorization # 677

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TYPICAL CONNECTIONS AND BRACING DETAILS IN THE TPI-2002(STD) AND TPI-2002(ALT) DRAWINGS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (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. T.W. BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. T.W. BCG DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. CONNECTION PLATES ARE MADE OF 20/18/16GA (W/155/K) ASTM A653 GRADE 40/60 (K, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS (ODA 2, ODA 3, ODA 4). UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHALL BE IN FEET AND INCHES. A SEAL ON THIS DRAWING SPECIFICALLY STATES THE DESIGN RESPONSIBILITY AND USE OF THIS COMPONENT FOR THE ABOVE COMPONENT DESIGN SHOWN. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



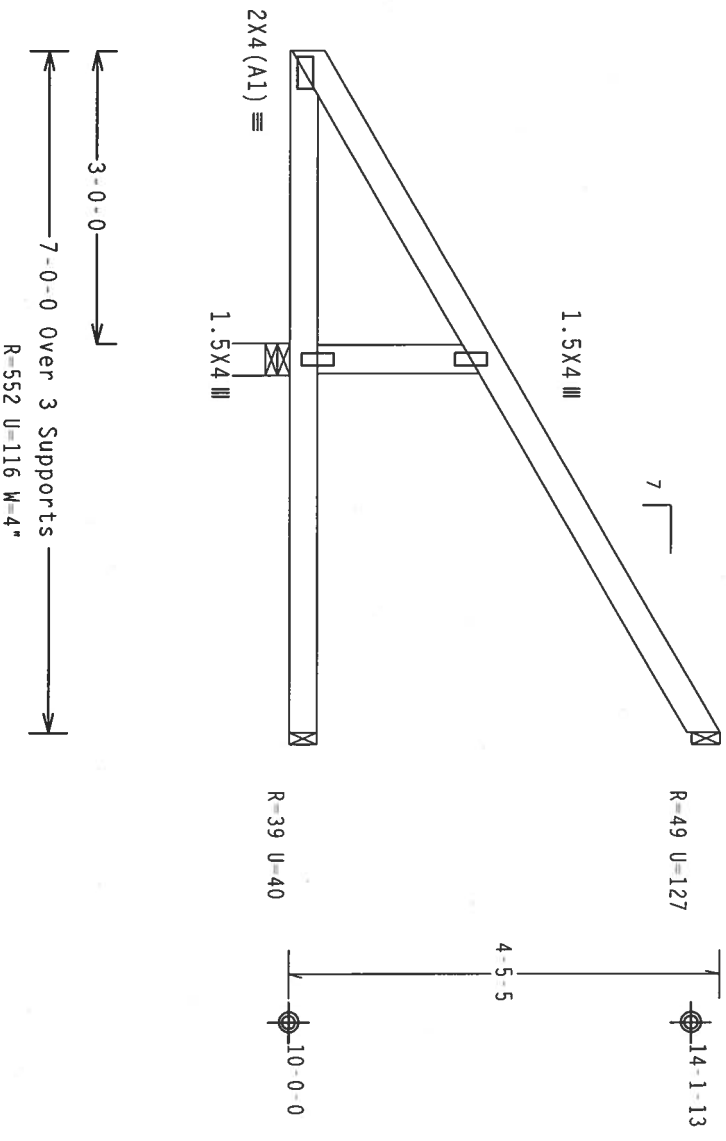
TC LL	20.0 PSF	REF	R8228- 91416
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179022
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEON-	25402
DUR.FAC.	1.25		
SPACING	24.0"	UREF-	1T8K8228Z02

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36.04

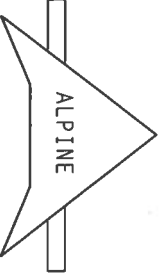
FL/-/4/-/R/-

Scale = .5" /ft.

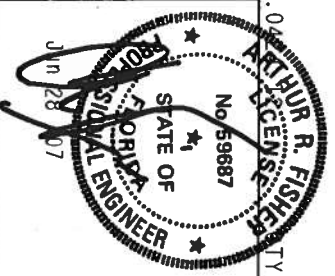
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

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

DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. TPI BCG CONNECTIONS ARE MADE OF 20/18/18GA (W/H/SS/K) WITH A563S GRADE 40/60 (W, R/H/SS) GALV. STEEL. APPLY 4.00 PSF OF UNIFORM LOAD TO EACH CHORD. DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE BEHIND THE TRUSS. TPI SOCIETY FOR THE TRUSS INDUSTRY DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS INDUSTRY BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TW Building Components Group, Inc.
 Haines City, FL 33844
 PL Certificate of Authorization # 557



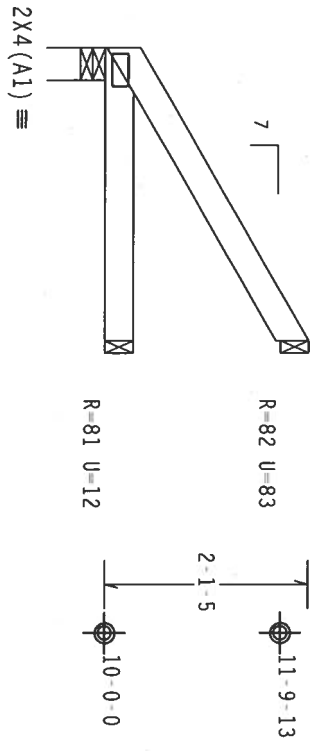
TC LL	20.0 PSF	REF	R8228- 91417
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUR8228 07179050
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25411
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	178K8228Z02

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

130 mph wind, 15.00 ft mean hgt. ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Bottom chord checked for 20.00 psf non-concurrent live load.



3-0-0 Over 3 Supports
R=131 U=34 W=4"

PLT TYP. Wave

Design Cr1t: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10.0)

7.36.00

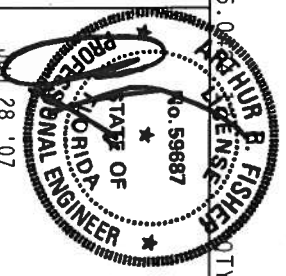
FL/-/4/-/R/-

Scale = .5"/ft.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 627

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. TPI BCG CONNECTIONS ARE MADE OF 20/10/180A (M, N/55A) ASTM A553 GRADE 40/60 TM, K/7/55 GALV. STEEL. APPLY PROTECTIVE FINISH TO ALL EXPOSED SURFACES. TPI BCG SHALL BE RESPONSIBLE FOR PERFORMING ALL FIELD INSPECTION OF PLATES FOLLOWED BY (1) TPI BCG DESIGNER AND (2) TPI BCG DESIGNER. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-91418
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179023
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25415
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

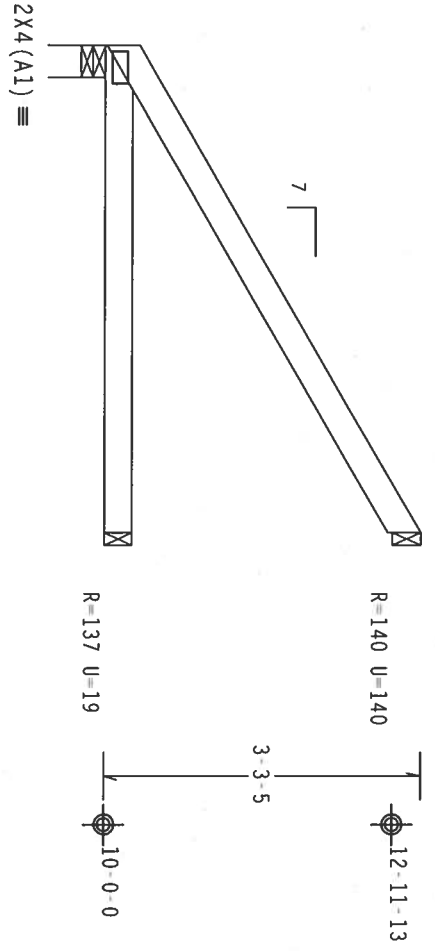
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

7.36.0

FL/-/4/-/R/-

Scale = .5" / Ft.

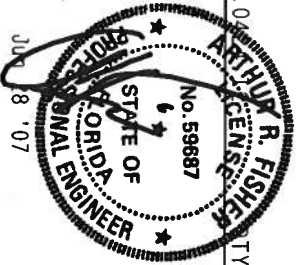
ALPINE

TTW Building Components Group, Inc.
Haines City, FL 33844
F1

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND 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 GULLING.

****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 WITH APPLICABLE PROVISIONS OF WDS (NATIONAL DESIGN SPEC. BY ACP/A) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2017/1804 (A/H/S/S/K) ASH 1653 GRADE 40/60 (K, R/H-SS) GALV. STEEL. APPLY PROTECTIVE PAINT TO ALL EXPOSED SURFACES. UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 180A-Z. ANY INSPECTION OF PLATES FOLLOWED BY THE DESIGNER SHALL BE THE DESIGNER'S RESPONSIBILITY. UNLESS OTHERWISE INDICATED, 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 R8228-91419
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCUR8228 07179024
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 25419
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8K8228Z02

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

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

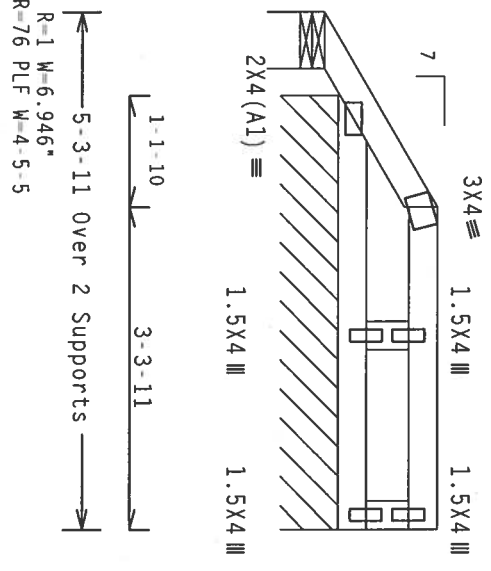
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

SPECIAL LOADS

----- (LUMBER)

TC - From	DUR.FAC. = 1.25 / PLATE	DUR.FAC. = 1.25
TC - From	63 PLF at 0.00 to	63 PLF at 2.00
BC - From	63 PLF at 2.00 to	63 PLF at 5.31
BC - From	4 PLF at 0.00 to	4 PLF at 5.31

Bottom chord checked for 20.00 psf non-concurrent live load.



PLT TYP. Wave

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

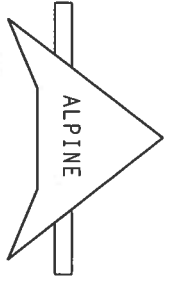
7.36.0

FL/-/4/-/R/-

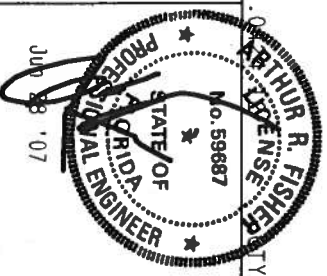
Scale = .5"/ft.

****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, 22304) AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. CONNECTOR PLATES ARE MADE OF 2017B/76GA (W/H/57/S/K) ASH 6053 GRADE 40/60 (W, K/H/55) GALV. STEEL. APPLY ALL INTERIOR AND EXTERIOR FINISHES AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 180A, 2. ANY INSPECTION OF THIS TRUSS SHALL BE CONDUCTED BY A LICENSED PROFESSIONAL ENGINEER. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS. CONSULT 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 # 567



TC LL	20.0 PSF	REF	R8228-91420
TC DL	10.0 PSF	DATE	06/28/07
BC DL	10.0 PSF	DRW	HCUSR8228 07179051
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	25730
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8K8228Z02

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

130 mph wind, 19.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, Wind TC DL=5.0 psf, Wind BC DL=2.0 psf.

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

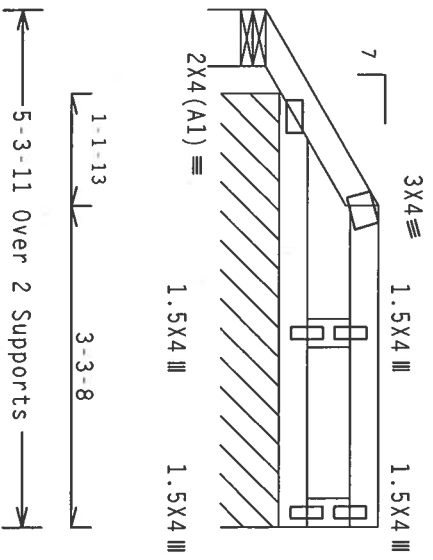
SPECIAL LOADS

----- (LUMBER)		DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25
TC - From	63 PLF at 0.00 to 63 PLF at 2.02	
TC - From	63 PLF at 2.02 to 63 PLF at 5.31	
BC - From	4 PLF at 0.00 to 4 PLF at 5.31	

Wind reactions based on MWFRS pressures.

Bottom chord checked for 20.00 psf non-concurrent live load.

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



Ø 18-8-13

PLT TYP. Wave

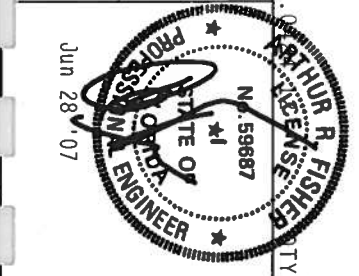
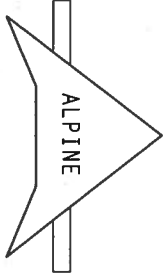
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL BUILDRING SAFETY COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND WICK HOBBS TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LANE, MADISON, WI, 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI-1. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/S) ASTM A553 GRADE 40/60 (U, K/H, S5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

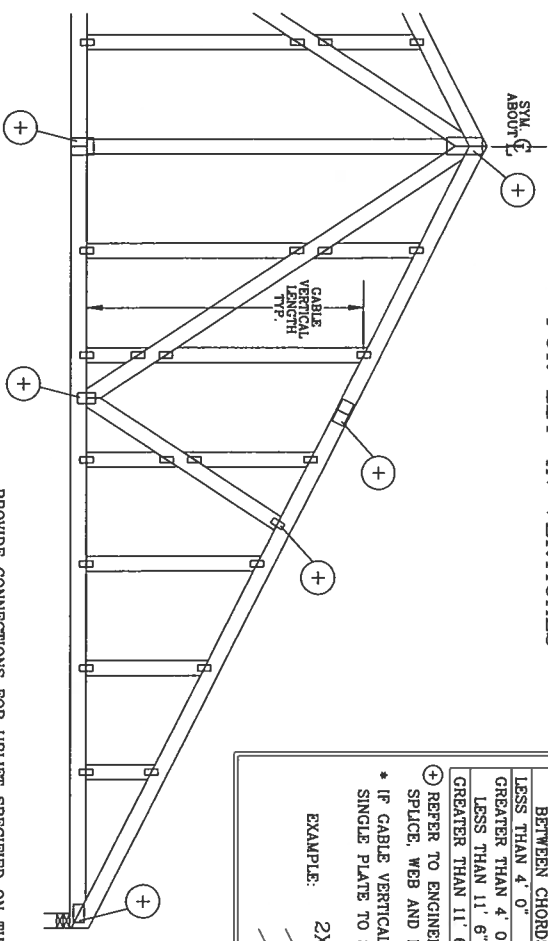
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Registration # 527



TC LL	20.0 PSF	REF R8228-91421
TC DL	10.0 PSF	DATE 06/28/07
BC DL	10.0 PSF	DRW HCSR8228 07179052
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SEQN- 25734
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8K8228Z02

Scale = .5" / Ft.

GABLE DETAIL FOR LET-IN VERTICALS



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

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

EXAMPLE:

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

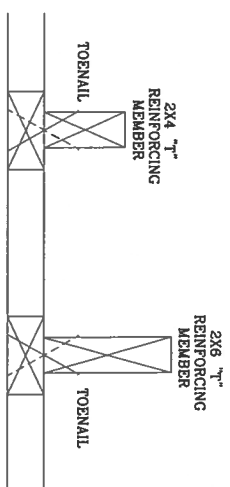
PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
 ATTACH EACH "T" REINFORCING MEMBER WITH
 HAND DRIVEN NAILS:
 10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS
 (4) 18d COMMON (0.182" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.
 GUN DRIVEN NAILS:
 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
 (4) TOENAILS IN TOP AND BOTTOM CHORD.

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

ASCE 7-93 GABLE DETAIL DRAWINGS
 A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
 ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015EC0207, A12015EC0207, A11015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A08530EC0207
 ASCE 7-02 GABLE DETAIL DRAWINGS
 A13015EB0207, A12015EB0207, A11015EB0207, A08515EB0207, A13030EB0207, A12030EB0207, A11030EB0207, A08530EB0207
 ASCE 7-05 GABLE DETAIL DRAWINGS
 A13015ES0207, A12015ES0207, A11015ES0207, A08515ES0207, A13030ES0207, A12030ES0207, A11030ES0207, A08530ES0207

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC28294035



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

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

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

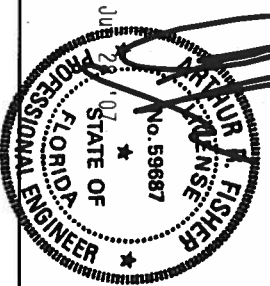
EXAMPLE:
 ASCE WIND SPEED = 100 MPH
 MEAN ROOF HEIGHT = 30 FT
 GABLE VERTICAL = 24' O.C. SP #3
 "T" REINFORCING MEMBER SIZE = 2X4
 BRACE INCREASE (FROM ABOVE) = 10% = 1.10
 (1) 2X4 "T" BRACE LENGTH = 6' 7"
 MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
 1.10 x 6' 7" = 7' 3"



ITV BUILDING COMPONENTS GROUP, INC.
 POMPANO BEACH, FLORIDA

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314 AND WCTA (WOOD TRUSS COUNCIL OF THE SOUTH, 5300 ENTERPRISE LN., HOUSTON, TX 77057) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. THE TRUSS MANUFACTURER SHALL HAVE A PROPERLY ATTACHED RIGID STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE TRUSS PLATE OR FABRICATING, HANDLING, SHIPPING AND BRACING OF TRUSSES. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD AND TRUSS DESIGN) SHALL APPLY TO EACH FACE OF TRUSS AND SHALL BE THE BASIS FOR THE DESIGN OF ALL TRUSS AND TRUSS APPLICABLE PLATES TO EACH FACE OF TRUSS AND SHALL BE THE BASIS FOR THE DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES PROVIDED BY CD SHALL BE PER ANNEK 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 ANS1/TP1 1 SEC. 2.



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

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.

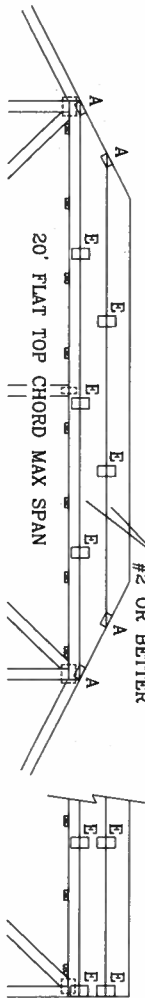
ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

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

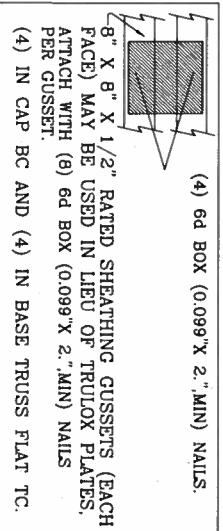
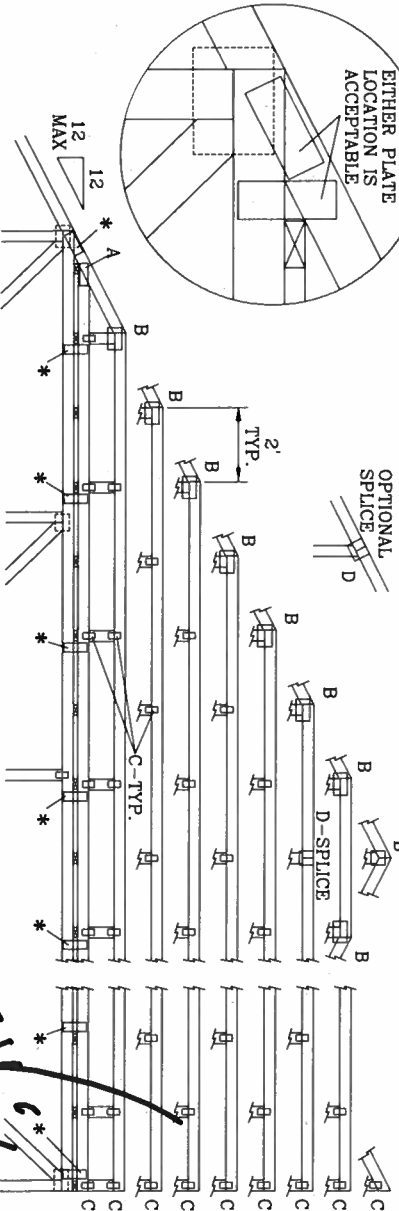
FRONT FACE (E*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.



EITHER PLATE LOCATION IS ACCEPTABLE

OPTIONAL SPLICE

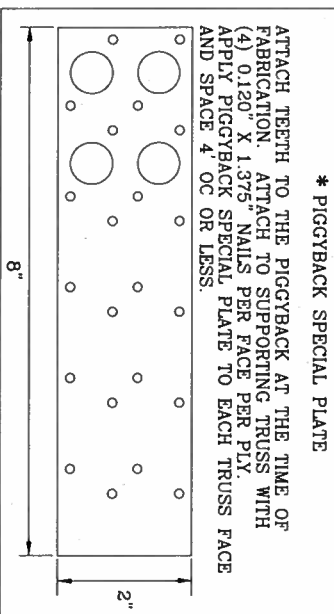
* ATTACH PIGGYBACK WITH 3X8 TRUSS OR ALPINE PIGGYBACK SPECIAL PLATE.



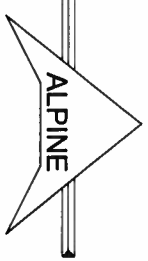
JOINT TYPE	SPANS UP TO		
	30'	34'	38'
A	2X4	2.5X4	2.5X4
B	4X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4
D	5X4	5X5	5X5
E	4X6 OR 3X6 TRUSS AT 4' OC, ROTATED VERTICALLY		

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.



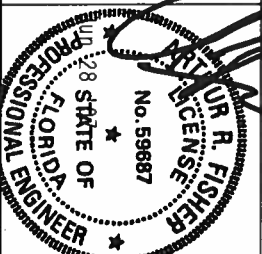
THIS DRAWING REPLACES DRAWINGS 634.016 634.017 & 847.045



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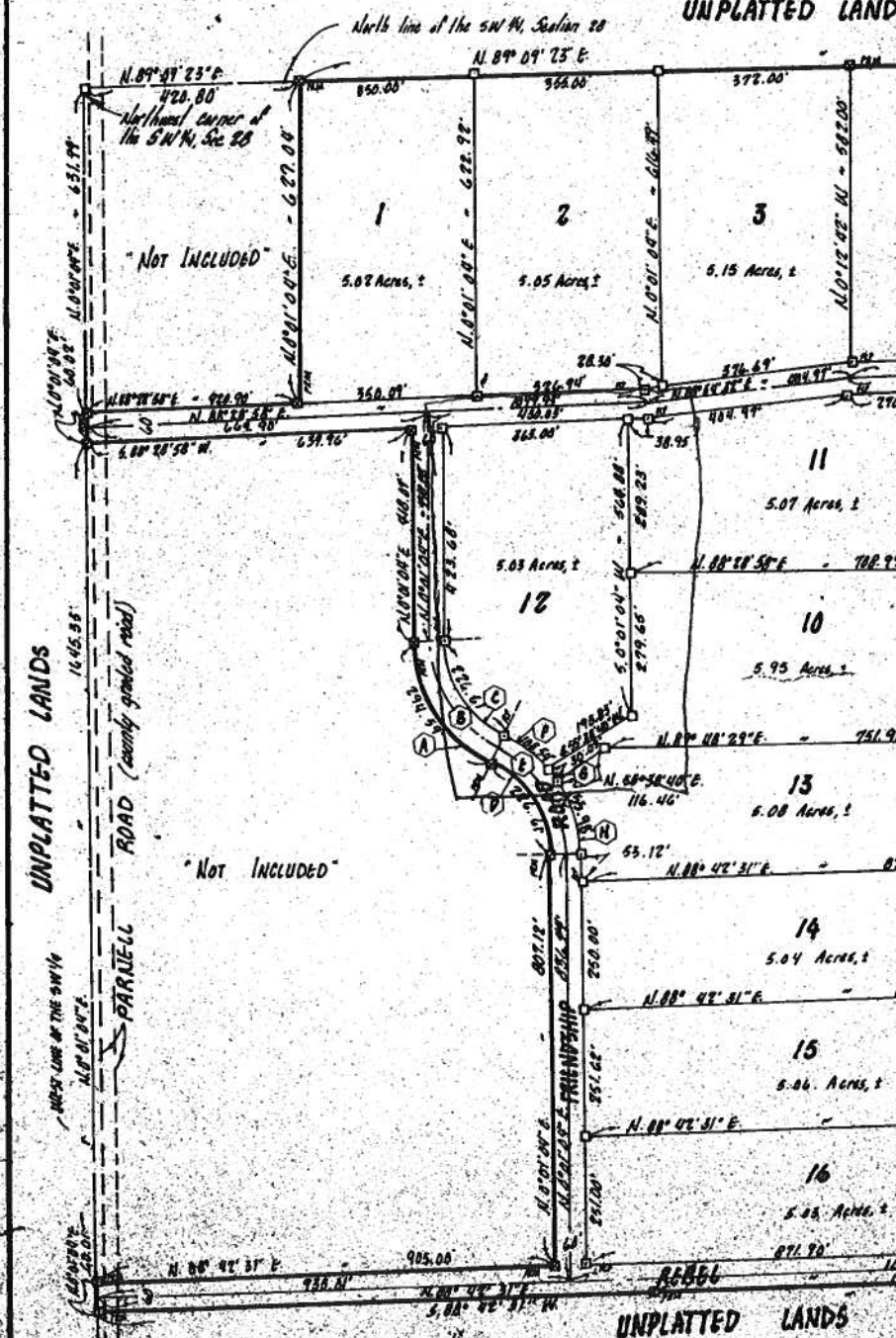
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MAX LOADING	REF	PIGGYBACK
55 PSF AT	DATE	2/23/07
1.33 DUR. FAC.	DRWG	PIGGYBACKB0207
50 PSF AT	ENG	DLJ/KAR
1.25 DUR. FAC.		
47 PSF AT		
1.15 DUR. FAC.		
SPACING		24.0"

SEC.
UNPLATTED LAND



SURVEYOR'S NOTES:

1. Preliminary Plan approved June 5, 1984.
2. Report # 1: 2,236, 000.
3. Bearings based on Section 28 plat drawn by this office.
4. Zone B as indicated on Local Plan map as per Plat (Plat) Boundary Map, date [unclear]. We believe the Zone A map to be in error due to the field conditions at that time.

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