DATE 02/04/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026711

APPLICANT WADE WILLIS PHONE 386.623.3331

ADDRESS POB 1546 LAKE CITY FL 32056

OWNER MARY KAY HOLLINGSWORTH PHONE

ADDRESS 385 SW FIELDSTONE COURT LAKE CITY FL 32055

CONTRACTOR WADE WILLIS PHONE 386.623.3331

LOCATION OF PROPERTY 90-W TO HEATHRIDGE,TL TO FIELDSTONE,TR TO THE VERY END OF CUL-DE-SAC.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 183250.00

HEATED FLOOR AREA 2632.00 TOTAL AREA 3665.00 HEIGHT 25.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 33-3S-16-02438-155 SUBDIVISION EMERALD COVE

LOT 55 BLOCK PHASE 2 UNIT TOTAL ACRES 0.50

000001546		CBC1252491		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
18"X32'MITERED	08-0075	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 1946

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 920.00 CERTIFICATION FEE $ 18.32 SURCHARGE FEE $ 18.32

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** 1056.64

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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

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

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

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

American Title Services
08-062

26711

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

THE UNDERSIGNED hereby gives notice that improvements 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.

1. Description of property:
   Lot 55, of EMERALD COVE PHASE 2, according to the Plat thereof, as recorded in Plat Book 8, at Page 68 and 69, of the Public Records of Columbia County, Florida.

2. Description of Improvements: Construction of Single Family Residence

3. Owner Information:

   a. Name and Address: **Mary Kathryn Hollingsworth**
   310 SW Green Acres Way
   Lake City, FLORIDA 32024

   Inst:200812002506 Date:2/8/2008 Time:10:11 AM
   DC,P.DeWitt Cason,Columbia County Page 1 of 1

   b. Interest in Property: Fee Simple

   c. Name and Address of Fee Simple Title Holder (if other than Owner)

4. Contractor Name and Address: **Wade Willis Construction LLC**
   PO Box 1546
   Lake City, FL 32056

5. Other Contractor(s) Name and Address:

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teague
Deputy Clerk
Date 02-08-2008

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

6. Surety: N/A

7. Lender: **Columbia Bank**
   4785 W. US Highway 90
   Lake City, FLORIDA 32055

8. Persons within the Sate of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., Florida Statutes: N/A

9. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in section 713.13(1)(b), Florida Statutes: N/A

10. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Mary Kathryn Hollingsworth

Mary Kathryn Hollingsworth

Sworn to and subscribed before me this **7th day of February, 2008**

Megan M. Marable
Notary Public, State of **FLORIDA**
At Large

My Commission Expires:_____

MEGAN M. MARABLE
MY COMMISSION # DD 412865
EXPIRES: March 30, 2009
Bonded Thru Notary Public Underwriters

Columbia County Building Permit Application

For Office Use Only Application # 0801-77 Date Received 1/15/08 By GT Permit # 26711 / 1546

Application Approved by - Zoning Official BLK Date 25.01.08 Plans Examiner OKYTH Date 1-23-08

Flood Zone X Pgm Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dens.

Comments need 2nd page app.

☐ NOC ☐ EH ☐ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Wade Willis Fax 386-961-9963 Phone 386-623-3331

Address

Owners Name Mary Kay Hollingsworth Phone

911 Address 385 SW Fieldstone Ct LC FL 320

Contractors Name Wade Willis Phone 386-961-9962

Address PO Box 1546 LC FL 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Tim Delbene / Mark Dibosway

Mortgage Lenders Name & Address Columbia County Bank

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

Property ID Number 33-3S-16-02438-155 Estimated Cost of Construction 283,000

Subdivision Name Emerald Cove Lot 55 Block Unit Phase 2

Driving Directions Highway 90 west, TL on Heathridge, TR on Fieldstone, to end of Cul-de-SAC

Type of Construction SFR new construction personal res Number of Existing Dwellings on Property 0

Total Acreage 1/2 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 30 31.1 Side 34 Side 27.5 Rear 31 27.7

Total Building Height 25 Number of Stories 1 Heated Floor Area 2632 TOTAL 3665 Roof Pitch 8/12

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

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 COMMENCMENT 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.

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number CBC 1252491

Competency Card Number

NOTARY STAMP/SEAL

JANICE ELAINE GONZALEZ
MY COMMISSION # DD 539192
EXPIRES: April 11, 2010
Bonded Thru Notary Public Underwriters

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 15th day of January 20 08.

Personally known LC or Produced Identification DL# 1546

Notary Signature

(Revised Sept. 2006)

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

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

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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

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

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

+ Mary Kathryn Hollingsworth

Owners Signature MARY KATHRYN HOLLINGSWORTH

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

Contractor's Signature (Permitee) Wade Willis

Contractor's License Number CBC1252491
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 29 **day of** January **20** 08.

Personally known + **or Produced Identification** _____

Donna L. Pieper

State of Florida Notary Signature (For the Contractor)

SEAL:

DONNA L. PIEPER
MY COMMISSION # DD 565929
EXPIRES: October 20, 2010
Bonded Thru Notary Public Underwriters

Revised 11-30-07

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001546

DATE 02/04/2008 PARCEL ID # 33-3S-16-02438-155

APPLICANT WADE WILLIS PHONE 386.623.3331

ADDRESS POB 1546 LAKE CITY FL 32056

OWNER MARY KAY HOLLINGSWORTH PHONE

ADDRESS 385 SW FIELDSTONE COURT LAKE CITY FL 32055

CONTRACTOR WADE WILLIS PHONE 386.623.3331

LOCATION OF PROPERTY 90-W TO HEATHRIDGE,TL TO FIELDSTONE,TR TO THE VERY END OF CUL-DE-SAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EMERALD COVE 55 2

SIGNATURE

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght 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

COLUMBIA COUNTY FLORIDA

08-0075

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

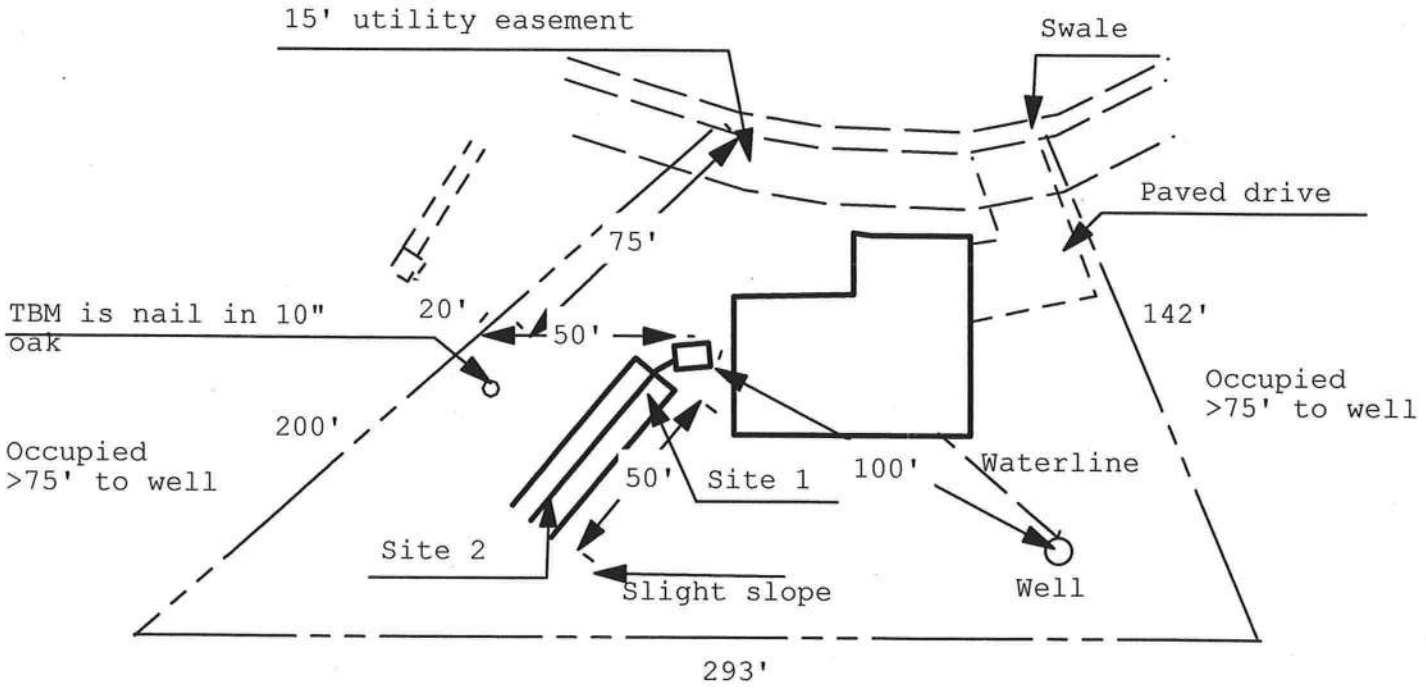
Permit Application Number: Hollingsworth

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HOLLINGSWORTH/CR 07-4243

North

Emerald Cove, Lot 55



Vacant

1 inch = 50 feet

Site Plan Submitted By Paul Lloyd **Date** 1/11/08

Plan Approved ✓ **Not Approved** ____ **Date** 1/18/08

By [illegible] Columbia **CPHU**

Notes: _____

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

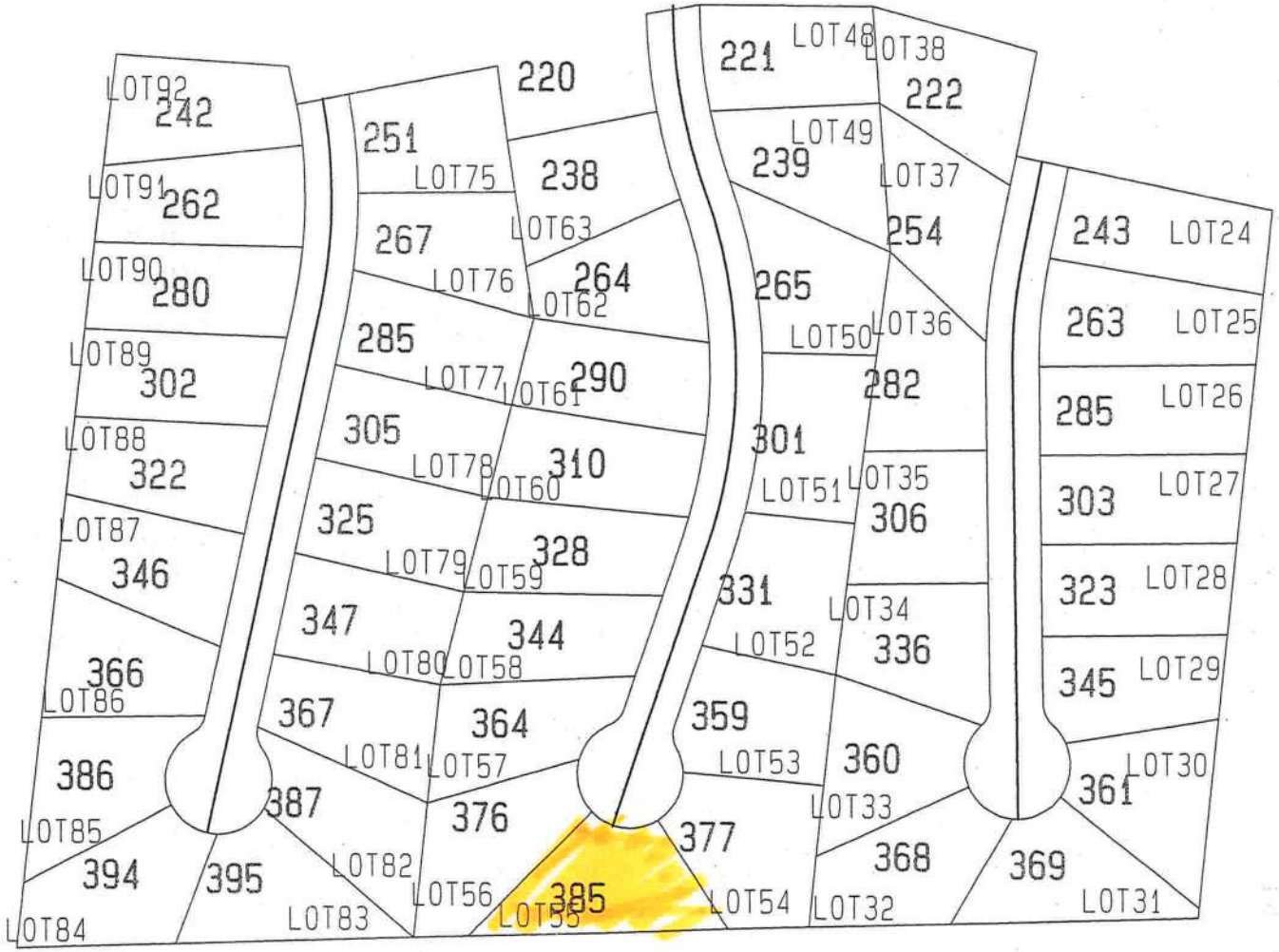
LOT#:	ADDRESS:
24	243 SW Woodleaf Ct
25	263 SW Woodleaf Ct
26	285 SW Woodleaf Ct
27	303 SW Woodleaf Ct
28	323 SW Woodleaf Ct
29	345 SW Woodleaf Ct
30	361 SW Woodleaf Ct
31	369 SW Woodleaf Ct
32	368 SW Woodleaf Ct
33	360 SW Woodleaf Ct
34	336 SW Woodleaf Ct
35	306 SW Woodleaf Ct
36	282 SW Woodleaf Ct
37	254 SW Woodleaf Ct
38	222 SW Woodleaf Ct
48	221 SW Fieldstone Ct
49	239 SW Fieldstone Ct
50	265 SW Fieldstone Ct
51	301 SW Fieldstone Ct
52	331 SW Fieldstone Ct
53	359 SW Fieldstone Ct
54	377 SW Fieldstone Ct
55	385 SW Fieldstone Ct
56	376 SW Fieldstone Ct
57	364 SW Fieldstone Ct
58	344 SW Fieldstone Ct
59	328 SW Fieldstone Ct
60	310 SW Fieldstone Ct
61	290 SW Fieldstone Ct
62	264 SW Fieldstone Ct
63	238 SW Fieldstone Ct
62	220 SW Fieldstone Ct
75	251 SW Timberland Ct
76	267 SW Timberland Ct
77	285 SW Timberland Ct
78	305 SW Timberland Ct
79	325 SW Timberland Ct
80	347 SW Timberland Ct

Emerald Cove Phase 2 Address Assignments:

LOT#:	ADDRESS:
81	367 SW Timberland Ct
82	387 SW Timberland Ct
83	395 SW Timberland Ct
84	394 SW Timberland Ct

LOT#:	ADDRESS:
85	386 SW Timberland Ct
86	366 SW Timberland Ct
87	346 SW Timberland Ct
88	322 SW Timberland Ct

LOT#:	ADDRESS:
89	302 SW Timberland Ct
90	280 SW Timberland Ct
91	262 SW Timberland Ct
92	242 SW Timberland Ct



THIS INSTRUMENT PREPARED BY: Robert Wayne Hollingsworth
310 SW Greenacre Way
Lake City, Fl. 32024

QUIT CLAIM DEED

THIS QUIT CLAIM DEED, executed this 8th day of January, 2008, by Robert Wayne Hollingsworth, whose address is 310 SW Green Acre Way, Lake City, Florida 32024, a married person, first party, to his wife Mary Kathryn Hollingsworth a married person, whose address is 310 SW Green Acre Way, Lake City, Florida 32024, second party:

WITNESSETH, that first party, for and in consideration of the sum of $10.00, Love and Affection, and other consideration in hand paid by second parties, the receipt whereof is hereby acknowledged, does hereby remise, release and quit-claim unto second party forever, all the right, title, interest, claim and demand which first party has in and to the following parcel of land, lying and being in Columbia COUNTY, Florida, to-wit:

Lot 55, Emerald Cove, Phase 2, a subdivision, according to the plat thereof recorded in Plat Book 8, Pages 68-69, public records, Columbia County, Florida.

Tax Parcel No. 02438-000

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 first party, either in law or equity, to the only proper use, benefit and behoof of second party forever.

N.B. Neither the first party nor any member of his family live or reside on the property described herein or any land adjacent thereto or claim any part thereof or any land adjacent thereto as their homestead.

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

Robert W. Hollingsworth

Lynn Hackett
Print Name: Lynn Hackett

Joey P. Collins
Print Name: Joey P. Collins

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 8th day of January, 2008, by Robert Hollingsworth. He produced Personally Known as identification.

Notary Public State of Florida
Jo E Anderson
My Commission DD459049
Expires 09/18/2009

NOTARY PUBLIC
My Commission Expires: 09/18/2009

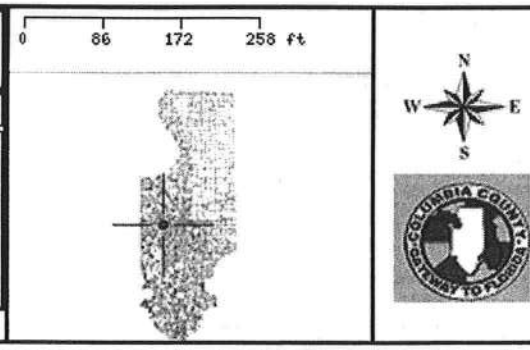
(NOTARY SEAL)

Columbia County Property Appraiser

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

PARCEL: 33-3S-16-02438-155 - VACANT (000000)

Name:	HOLLINGSWORTH ROBERT WAYNE &	LandVal	$42,500.00
Site:	FIELDSTONE	BldgVal	$0.00
	MARY KATHRYN HOLLINGSWORTH	ApprVal	$42,500.00
Mail:	310 SW GREENACRE WAY	JustVal	$42,500.00
	LAKE CITY, FL 32024	Assd	$42,500.00
Sales	2/27/2006 $55,000.00 V / Q	Exmpt	$0.00
Info	2/27/2006 $45,000.00 V / Q	Taxable	$42,500.00



This information, GIS Map Updated: 11/15/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Dimensions from Maproom

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

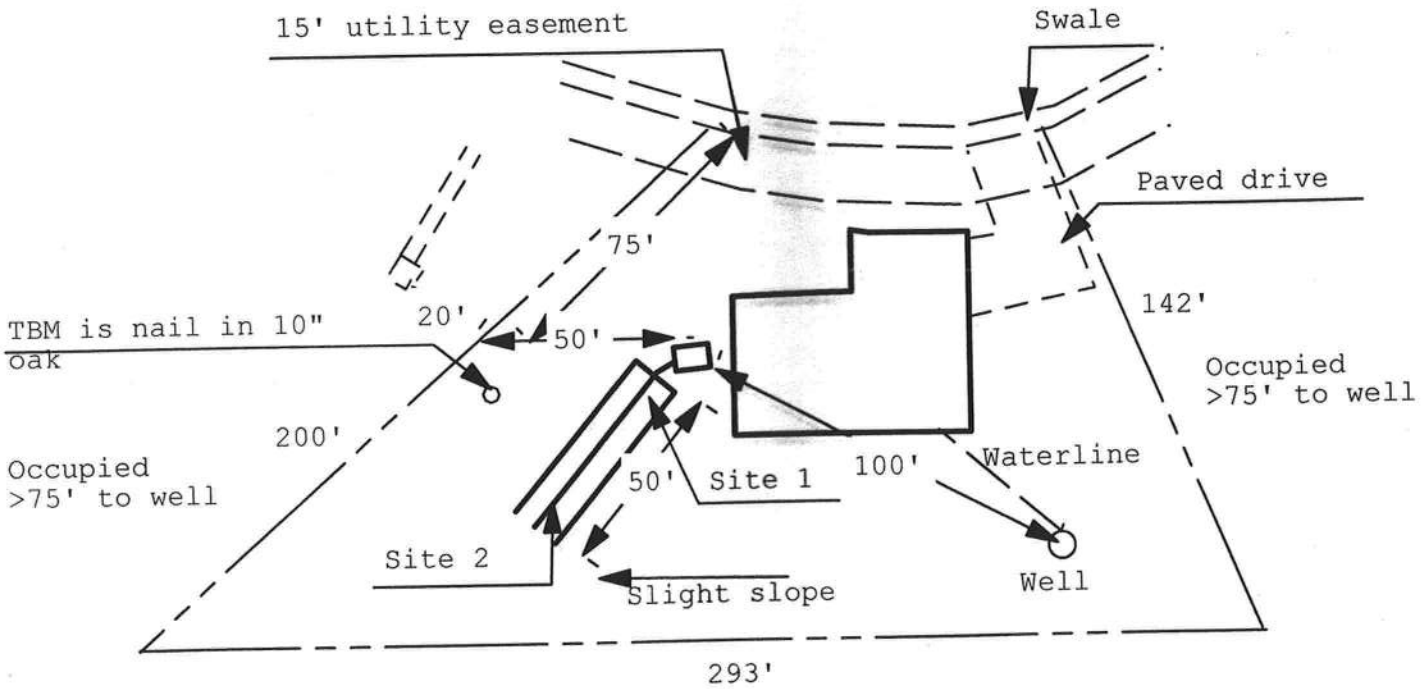
Permit Application Number: _____

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HOLLINGSWORTH/CR 07-4243

North

Emerald Cove, Lot 55



Vacant

1 inch = 50 feet

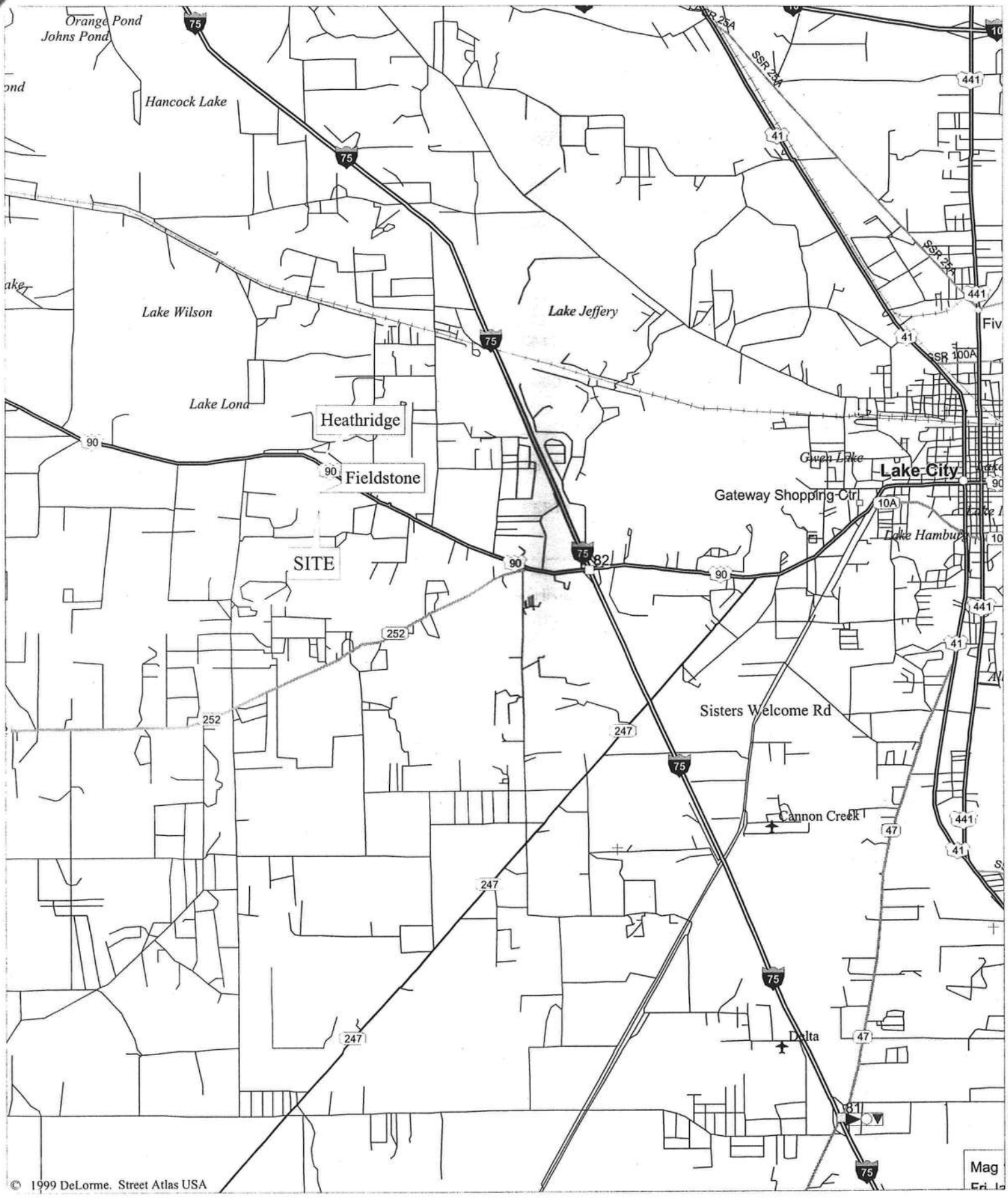
Site Plan Submitted By Paul Lloyd **Date** 1/21/08

Plan Approved_____ **Not Approved**_____ **Date**_____

By_____ _____ **CPHU**

Notes:_____

Mary K. Hollingsworth



FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Hollingsworth Residence**	Builder:	**Wade Willis**
Address:	**Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69**	Permitting Office:	**Columbia Co**
City, State:	**Lake City, FL 32055-**	Permit Number:	
Owner:	**Mary Kaye Hollingsworth**	Jurisdiction Number:	**121000**
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		4	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		2632 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	286.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 286.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 2532.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 2632.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 15.0 ft	
b. N/A			

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

Glass/Floor Area: 0.11

Total as-built points: 32116
Total base points: 39825

PASS

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

PREPARED BY: Tim Delbene

DATE: _____

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	2632.0	20.04	9494.2	Double, Clear	N	2.0	7.0	30.0	19.20	0.92	531.2
				Double, Clear	N	8.0	8.0	72.0	19.20	0.71	982.7
				Double, Clear	S	2.0	7.0	60.0	35.87	0.82	1765.0
				Double, Clear	S	10.0	8.0	54.0	35.87	0.49	948.1
				Double, Clear	S	2.0	5.0	6.0	35.87	0.72	155.7
				Double, Clear	S	10.0	10.0	24.0	35.87	0.52	448.1
				Double, Clear	E	2.0	10.0	40.0	42.06	0.95	1596.0
				As-Built Total:				**286.0**			**6426.8**

WALL TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM =	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0	2532.0	1.50	3798.0
Exterior	2532.0	1.70	4304.4					
Base Total:	**2532.0**		**4304.4**	**As-Built Total:**		**2532.0**		**3798.0**

DOOR TYPES	Area X	BSPM =	Points	Type	Area X	SPM =	Points
Adjacent	21.0	2.40	50.4	Exterior Insulated	21.0	4.10	86.1
Exterior	21.0	6.10	128.1	Adjacent Insulated	21.0	1.60	33.6
Base Total:	**42.0**		**178.5**	**As-Built Total:**	**42.0**		**119.7**

CEILING TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	2632.0	1.73	4553.4	Under Attic	30.0	2632.0	1.73 X 1.00	4553.4
Base Total:	**2632.0**		**4553.4**	**As-Built Total:**		**2632.0**		**4553.4**

FLOOR TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM =	Points
Slab	286.0(p)	-37.0	-10582.0	Slab-On-Grade Edge Insulation	0.0	286.0(p	-41.20	-11783.2
Raised	0.0	0.00	0.0					
Base Total:			**-10582.0**	**As-Built Total:**		**286.0**		**-11783.2**

INFILTRATION	Area X	BSPM =	Points	Area X	SPM =	Points
	2632.0	10.21	26872.7	2632.0	10.21	26872.7

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

BASE			AS-BUILT						
Summer Base Points:		**34821.1**	**Summer As-Built Points:**						**29987.4**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
34821.1	**0.4266**	**14854.7**	29987.4 **29987.4**	1.000 **1.00**	(1.090 x 1.147 x 1.00) **1.250**	0.244 **0.244**	0.902 **0.902**	8248.7 **8248.7**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2632.0	12.74	6035.7	Double, Clear	N	2.0	7.0	30.0	24.58	1.00	739.8	
				Double, Clear	N	8.0	8.0	72.0	24.58	1.02	1801.9	
				Double, Clear	S	2.0	7.0	60.0	13.30	1.17	934.2	
				Double, Clear	S	10.0	8.0	54.0	13.30	3.09	2216.3	
				Double, Clear	S	2.0	5.0	6.0	13.30	1.40	111.7	
				Double, Clear	S	10.0	10.0	24.0	13.30	2.73	871.7	
				Double, Clear	E	2.0	10.0	40.0	18.79	1.02	769.0	
				As-Built Total:				**286.0**			**7444.7**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	2532.0	3.40		8608.8	
Exterior	2532.0	3.70	9368.4									
Base Total:	**2532.0**		**9368.4**	**As-Built Total:**				**2532.0**			**8608.8**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	21.0	11.50	241.5	Exterior Insulated				21.0	8.40		176.4	
Exterior	21.0	12.30	258.3	Adjacent Insulated				21.0	8.00		168.0	
Base Total:	**42.0**		**499.8**	**As-Built Total:**				**42.0**			**344.4**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	2632.0	2.05	5395.6	Under Attic			30.0	2632.0	2.05 X	1.00	5395.6	
Base Total:	**2632.0**		**5395.6**	**As-Built Total:**				**2632.0**			**5395.6**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	286.0(p)	8.9	2545.4	Slab-On-Grade Edge Insulation			0.0	286.0(p	18.80		5376.8	
Raised	0.0	0.00	0.0									
Base Total:			**2545.4**	**As-Built Total:**				**286.0**			**5376.8**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2632.0	-0.59	-1552.9					2632.0	-0.59		-1552.9	

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**22292.0**	**Winter As-Built Points:**						**25617.4**
Total Winter Points	X System Multiplier	= Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
22292.0	**0.6274**	**13986.0**	25617.4 **25617.4**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.432 **0.432**	0.950 **0.950**	13127.4 **13127.4**	

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

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

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
14855	**13986**	**10984**	**39825**	**8249**	**13127**	**10740**	**32116**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 55, Sub: Emerald Cove 2, Plat: 8/68-69, Lake City, FL, 32055-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	N/A
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-8" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1554
FAX (904) 755-7022
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

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

Thank you,

Donald D. Hall
DDH/jk

PRODUCT APPROVAL SPECIFICATION SHEET

Location: [illegible] **Project Name:** [illegible]

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	THERMTRU	6'8" STEEL/WOOD upto 6 FT OPEN INCLUDES SIDELITES	01-0828,08
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS	CAPITAL & BETTER BILT	SINGLE HUNG	AAMA CERT BB-1
1. Single hung	MI Products	740, 165, 3240, 4250, Series	101/I.S.2.-97
2. Horizontal Slider			CTLA-744W-B
3. Casement			
4. Double Hung			
5. Fixed		740 165 3240 4250 Series	01-35673.05
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion	MI Products	740, 165, 3240, 4250 Series	01-35673.05
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding (Shear Wall)	NORBOARD	8'-9'x10' OSB WALL Sheeting WIND STROM	NER 108
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane	BARRICADE	BUILDING WRAP FED SPEC.	UU B790A
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments	WOODLAND	15#, 30# FELT	ASTM D-4869
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category (cont.)	Manufacturer	Product Description	Approval Number(s)
Applied Roof Sys			
ents-Adhesives – atings			
Roof Tile Adhesive			
. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON STRONG TIE	H-16; SP4, H2.5A, H-10, LSTA,	FL 2822
2. Truss plates			
3. Engineered lumber	ANTHONY	3½" - 5½" to 24' GW-LAM	ASTM 7182.80
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof	NORBOARD	7/16" - ½" OSB	NER 108
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the ime of inspection of these products, the following information must be available to the inspector on the obsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

understand these products may have to be removed if approval cannot be demonstrated during inspect on.

Contractor or Contractor's Authorized Agent Signature

Print Name

Date 12/9

Location

Permit # (FOR STAFF USE ONLY)

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

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

Floor Plan including:

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

Foundation Plan including:

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

Roof System:

☑ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

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

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall

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

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

☐ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

☐ ☐ d) Service panel and sub-panel size and location(s)

☐ ☐ e) Meter location with type of service entrance (overhead or underground)

☐ ☐ f) Appliances and HVAC equipment

☐ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☐ ☐ h) Exhaust fans in bathroom

HVAC information

☐ ☐ a) Energy Calculations (dimensions shall match plans)

☐ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☐ ☐ **Private Potable Water**

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TBW8228Z0125165031

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , **
Truss Count:	52
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.36, 7.33.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 10/25/2007

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

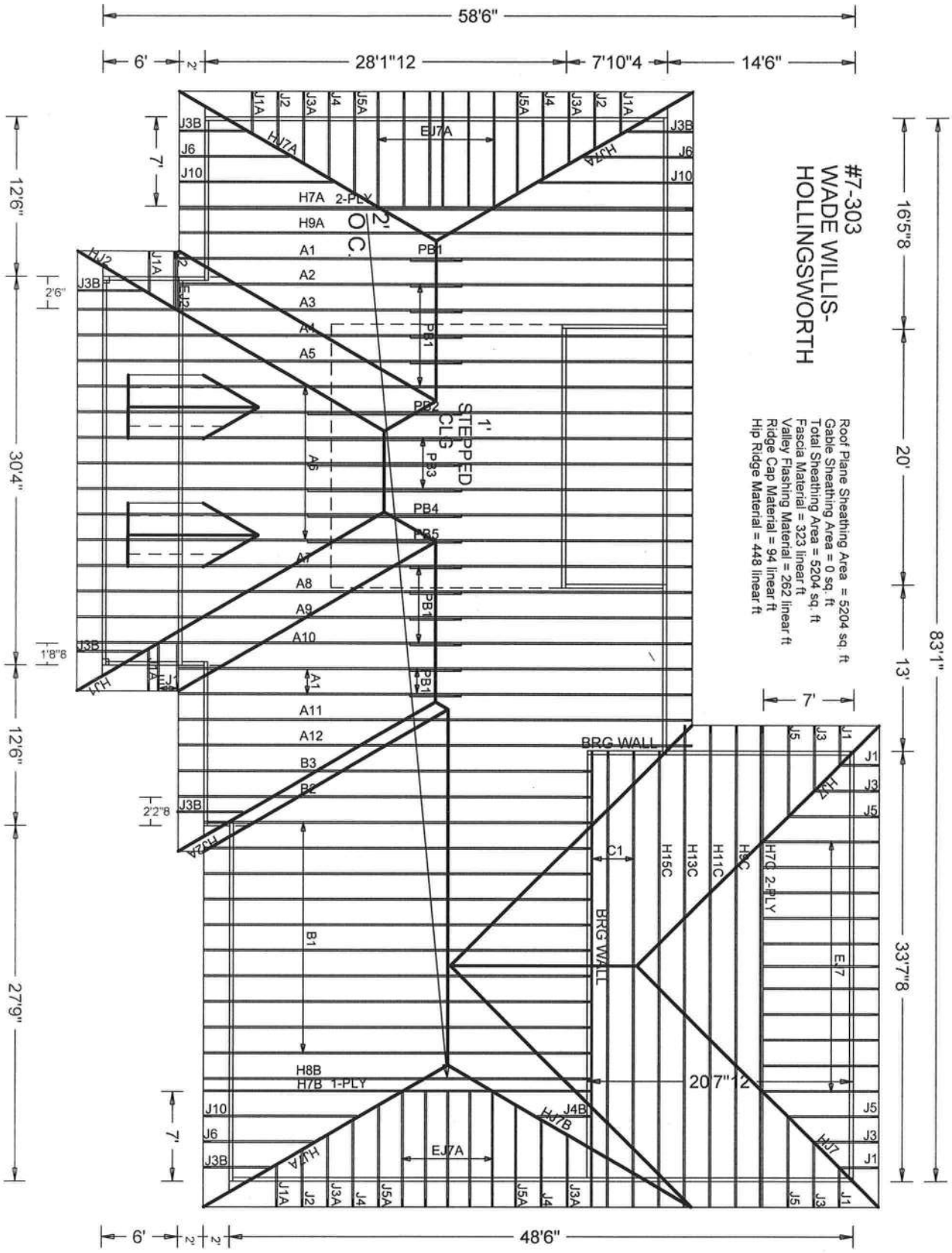
Notes:

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-CNBRGBLK-140PB-

#	Ref Description	Drawing#	Date
1	31940--H7A	07298046	10/25/07
2	31941--A3	07298050	10/25/07
3	31942--A10	07298051	10/25/07
4	31943--H9A	07298013	10/25/07
5	31944--A1	07298014	10/25/07
6	31945--A2	07298015	10/25/07
7	31946--A12	07298016	10/25/07
8	31947--A11	07298017	10/25/07
9	31948--A9	07298041	10/25/07
10	31949--A8	07298042	10/25/07
11	31950--A4	07298032	10/25/07
12	31951--A5	07298033	10/25/07
13	31952--A7	07298034	10/25/07
14	31953--A6	07298035	10/25/07
15	31954--H7B	07298044	10/25/07
16	31955--B2	07298052	10/25/07
17	31956--H8B	07298018	10/25/07
18	31957--B1	07298036	10/25/07
19	31958--B3	07298037	10/25/07
20	31959--H7C	07298038	10/25/07
21	31960--H9C	07298019	10/25/07
22	31961--H11C	07298039	10/25/07
23	31962--H13C	07298020	10/25/07
24	31963--H15C	07298021	10/25/07
25	31964--C1	07298022	10/25/07
26	31965--EJ7	07298023	10/25/07
27	31966--J5	07298024	10/25/07
28	31967--HJ7	07298040	10/25/07
29	31968--J3	07298025	10/25/07
30	31969--J1	07298030	10/25/07
31	31970--J1A	07298031	10/25/07
32	31971--HJ7A	07298047	10/25/07
33	31972--HJ2	07298048	10/25/07
34	31973--HJ1	07298049	10/25/07
35	31974--J2	07298026	10/25/07
36	31975--J3A	07298027	10/25/07

#	Ref Description	Drawing#	Date
37	31976--HJ7B	07298043	10/25/07
38	31977--J4	07298028	10/25/07
39	31978--J5A	07298029	10/25/07
40	31979--EJ7A	07298001	10/25/07
41	31980--J3B	07298002	10/25/07
42	31981--HJ2A	07298003	10/25/07
43	31982--J6	07298004	10/25/07
44	31983--J10	07298005	10/25/07
45	31984--EJ2	07298006	10/25/07
46	31985--EJ1	07298007	10/25/07
47	31986--J4B	07298008	10/25/07
48	31987--PB1	07298009	10/25/07
49	31988--PB5	07298010	10/25/07
50	31989--PB4	07298011	10/25/07
51	31990--PB3	07298012	10/25/07
52	31991--PB2	07298045	10/25/07



JOB DESCRIPTION:: WADE WILLIS CONSTRUCTION
/: Hollingsworth

JOB NO: 7-303

PAGE NO: 1 OF 1

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

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

Wind reactions based on MWFRS pressures.

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

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

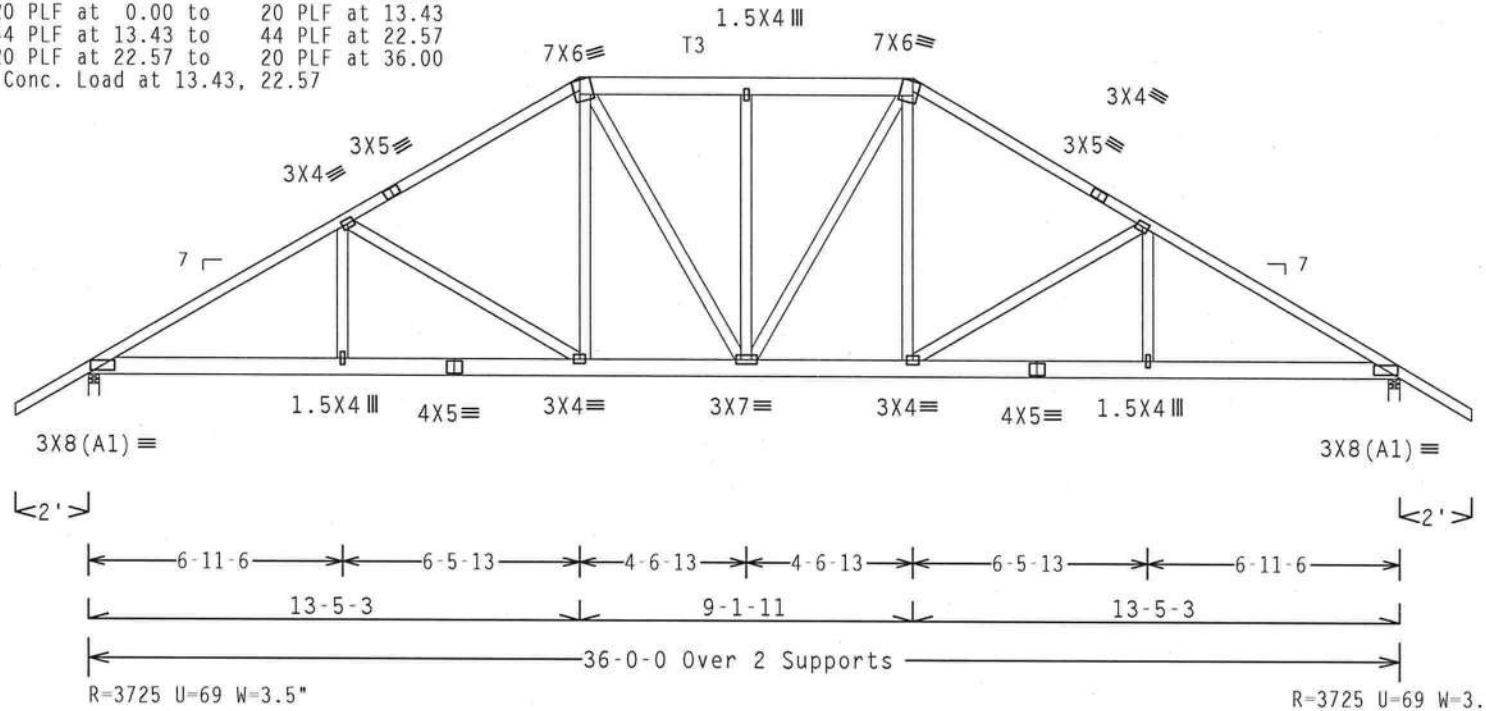
TC - From	68 PLF	at	-2.00	to	68 PLF	at 0.00
TC - From	63 PLF	at	0.00	to	63 PLF	at 13.43
TC - From	203 PLF	at	13.43	to	203 PLF	at 22.57
TC - From	63 PLF	at	22.57	to	63 PLF	at 36.00
TC - From	68 PLF	at	36.00	to	68 PLF	at 38.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 13.43
BC - From	44 PLF	at	13.43	to	44 PLF	at 22.57
BC - From	20 PLF	at	22.57	to	20 PLF	at 36.00

BC - 1347 LB Conc. Load at 13.43, 22.57

2 COMPLETE TRUSSES REQUIRED

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424.13 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (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 COMFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
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JAMES F. COLLINS, JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 2[illegible]

TC LL	20.0 PSF	REF	R8228- 31940
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298046
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56943
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

Negative reaction(s) of -535# MAX. (See below) from a non-wind load case requires uplift connection.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

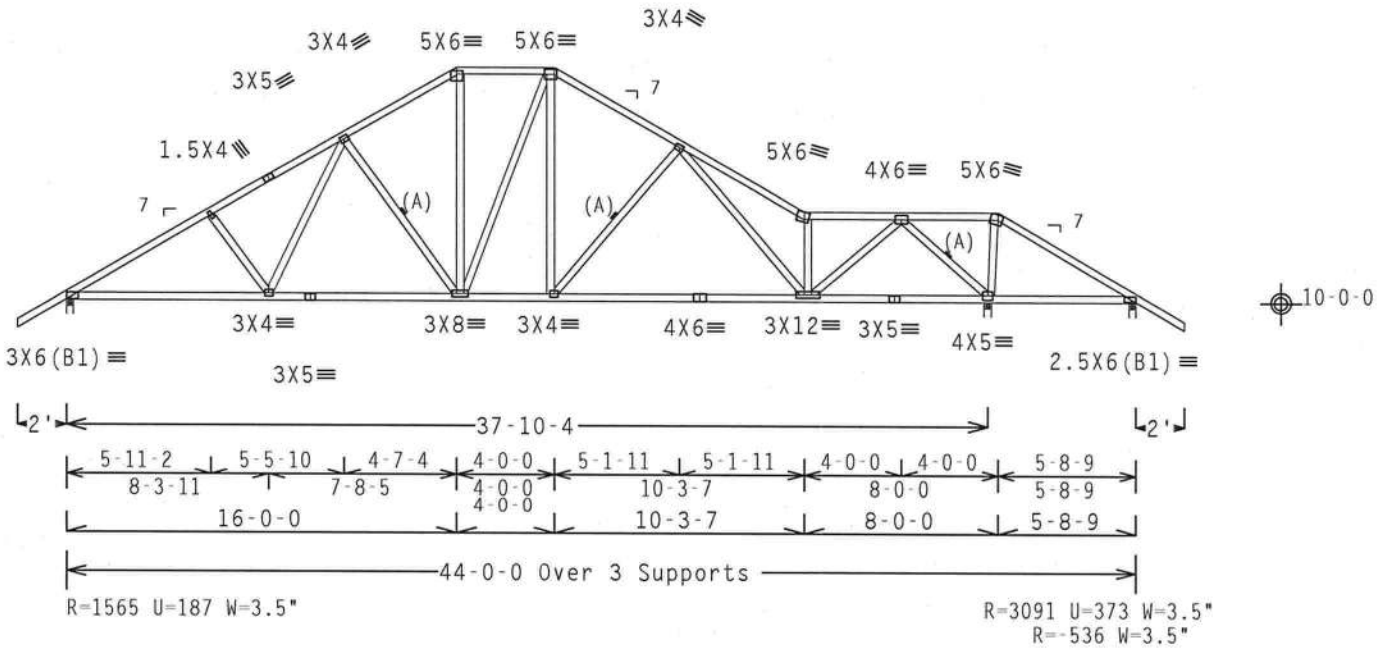
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

TC -	From	63 PLF	at -2.00	to	63 PLF	at 16.00
TC -	From	63 PLF	at 16.00	to	63 PLF	at 20.00
TC -	From	63 PLF	at 20.00	to	63 PLF	at 30.28
TC -	From	63 PLF	at 30.28	to	63 PLF	at 38.28
TC -	From	63 PLF	at 38.28	to	63 PLF	at 46.00
BC -	From	5 PLF	at -2.00	to	5 PLF	at 0.00
BC -	From	20 PLF	at 0.00	to	20 PLF	at 44.00
BC -	From	5 PLF	at 44.00	to	5 PLF	at 46.00

TC - 13 LB Conc. Load at 38.18
TC - 99 LB Conc. Load at 38.28
BC - 38 LB Conc. Load at 38.18
BC - 40 LB Conc. Load at 38.28

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct

TC LL	20.0	PSF	REF R8228- 31941
TC DL	10.0	PSF	DATE 10/25/07
BC DL	10.0	PSF	DRW HCUSR8228 07298050
BC LL	0.0	PSF	HC-ENG CC/AP
TOT.LD.	40.0	PSF	SEQN- 57106
DUR.FAC.	1.25		FROM AH
SPACING	24.0"		JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A10)

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

Negative reaction(s) of -421# MAX. (See below) from a non-wind load case requires uplift connection.

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

Wind reactions based on MWFRS pressures.

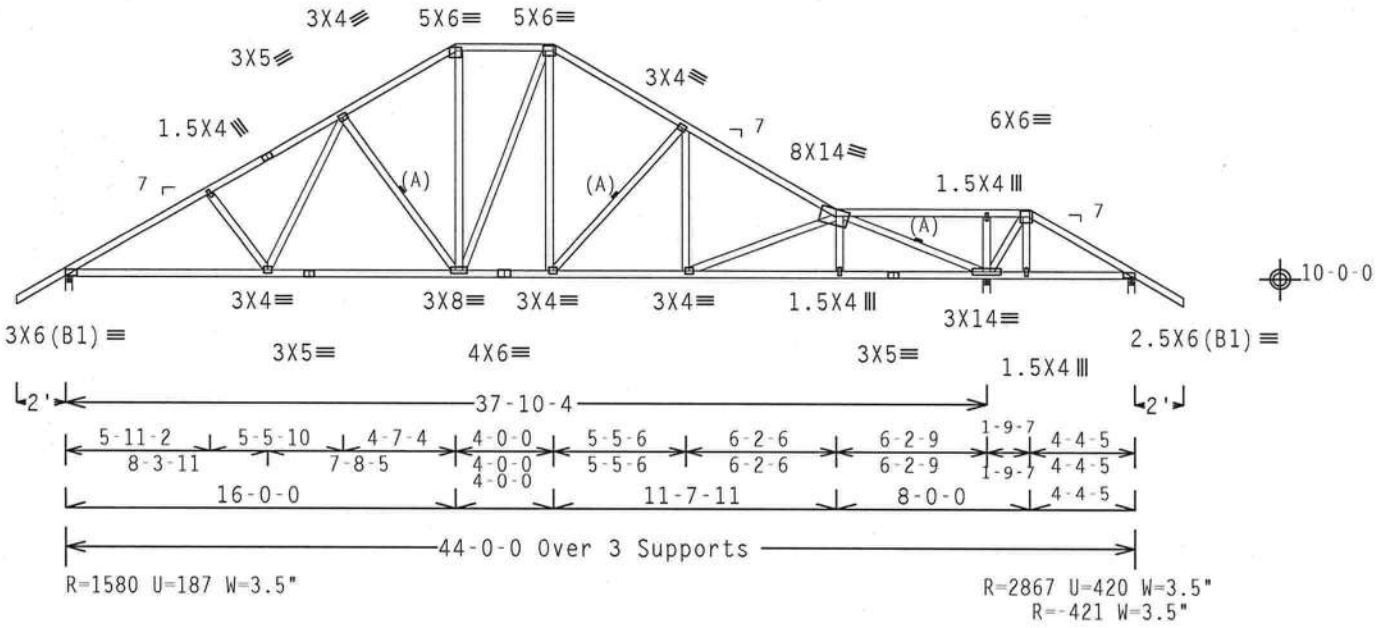
(A) Continuous lateral bracing equally spaced on member.

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

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

TC - From	63 PLF	at	-2.00	to	63 PLF at 16.00
TC - From	63 PLF	at	16.00	to	63 PLF at 20.00
TC - From	63 PLF	at	20.00	to	63 PLF at 31.64
TC - From	63 PLF	at	31.64	to	63 PLF at 39.64
TC - From	63 PLF	at	39.64	to	63 PLF at 46.00
BC - From	5 PLF	at	-2.00	to	5 PLF at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF at 44.00
BC - From	5 PLF	at	44.00	to	5 PLF at 46.00
TC -	-49 LB Conc. Load at 38.06, 39.58				
TC -	77 LB Conc. Load at 39.64				
BC -	38 LB Conc. Load at 38.06				
BC -	79 LB Conc. Load at 39.64				

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31942
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298051
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57078
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H9A)

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

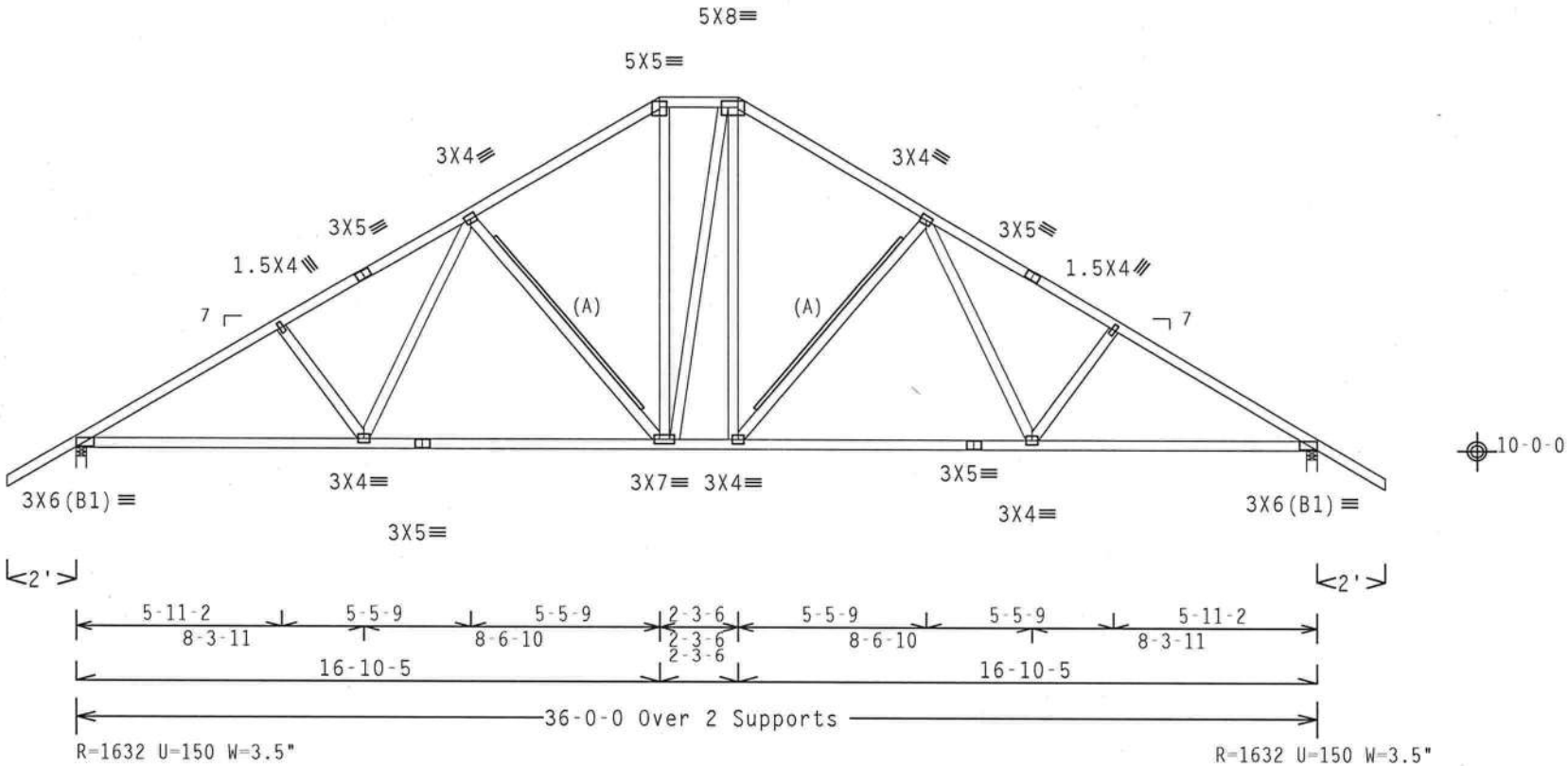
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 1

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 25

TC LL	20.0 PSF	REF	R8228- 31943
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298013
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56955
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A1)

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

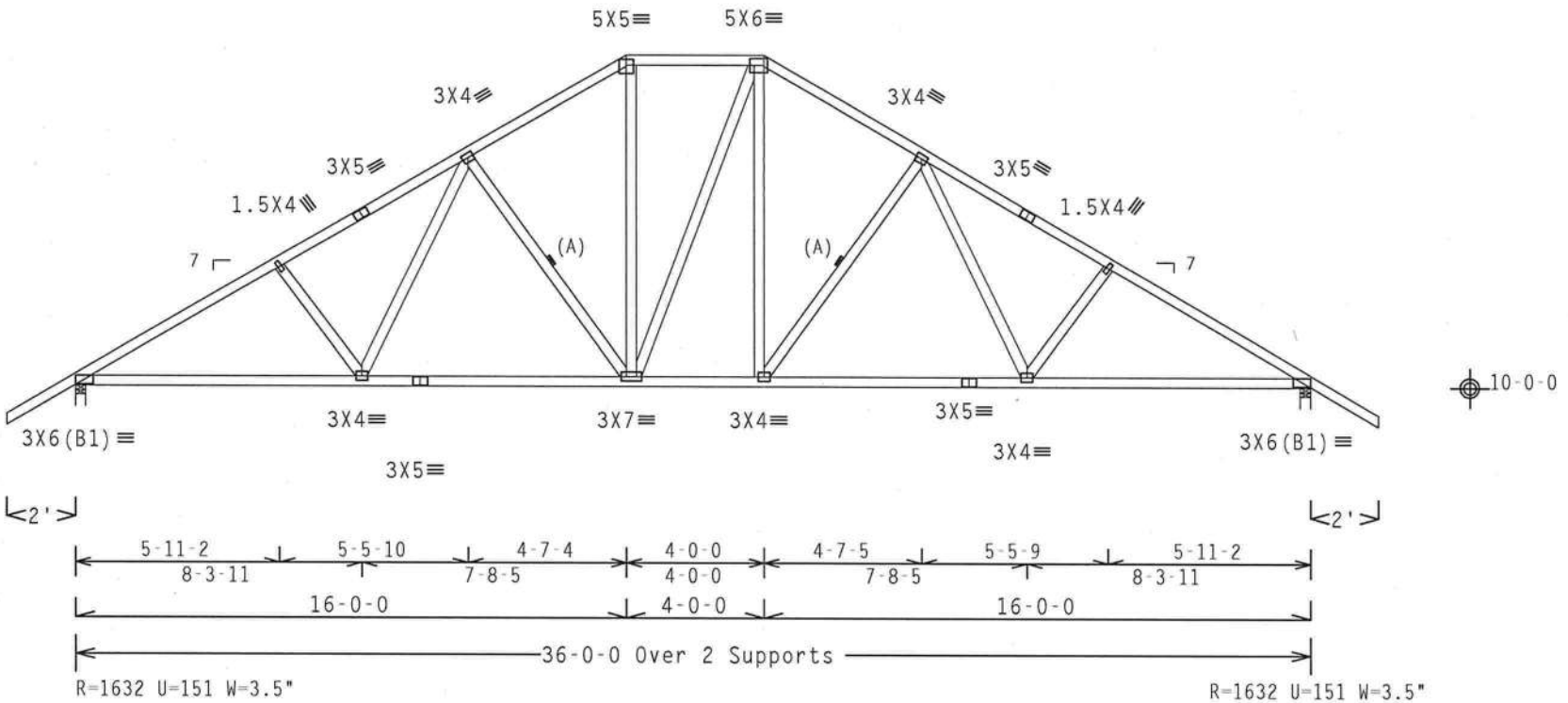
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424.12 QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct

TC LL	20.0 PSF	REF	R8228- 31944
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298014
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56969
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A2)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W12 2x4 SP #2 Dense:

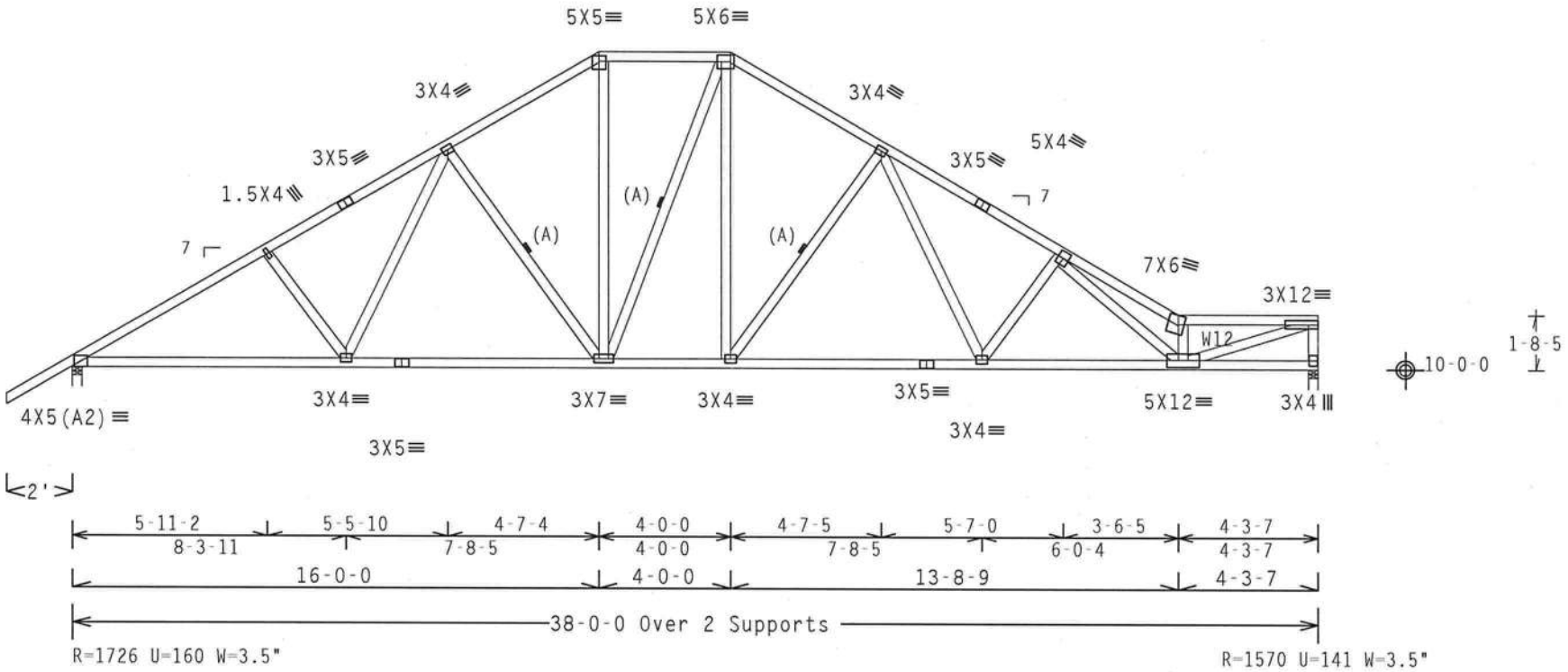
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 10 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52217 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF R8228- 31945
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298015
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56994
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

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

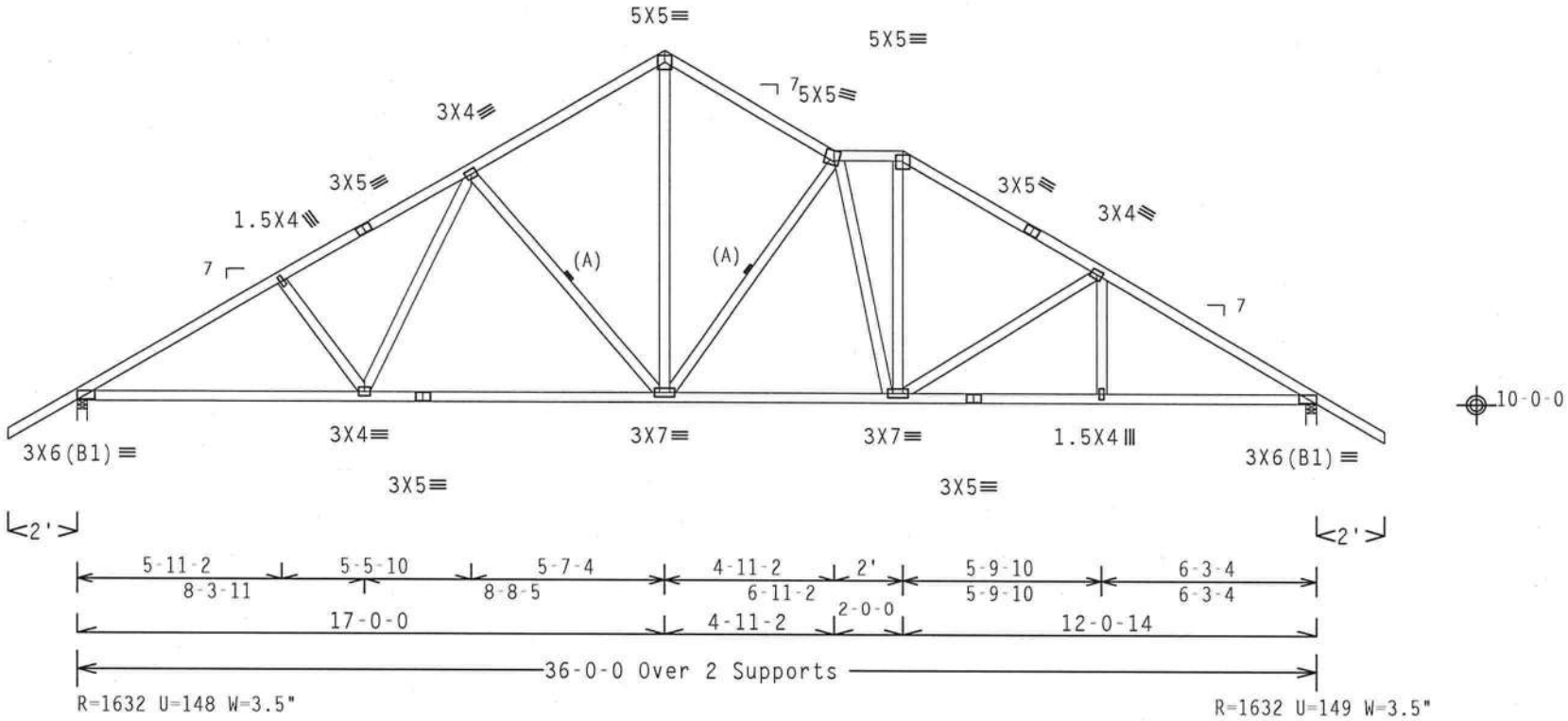
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.12

PLT TYP. Wave

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

ALPINE

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

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

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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct

TC LL	20.0 PSF	REF R8228- 31946
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298016
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 57060
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A11)

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

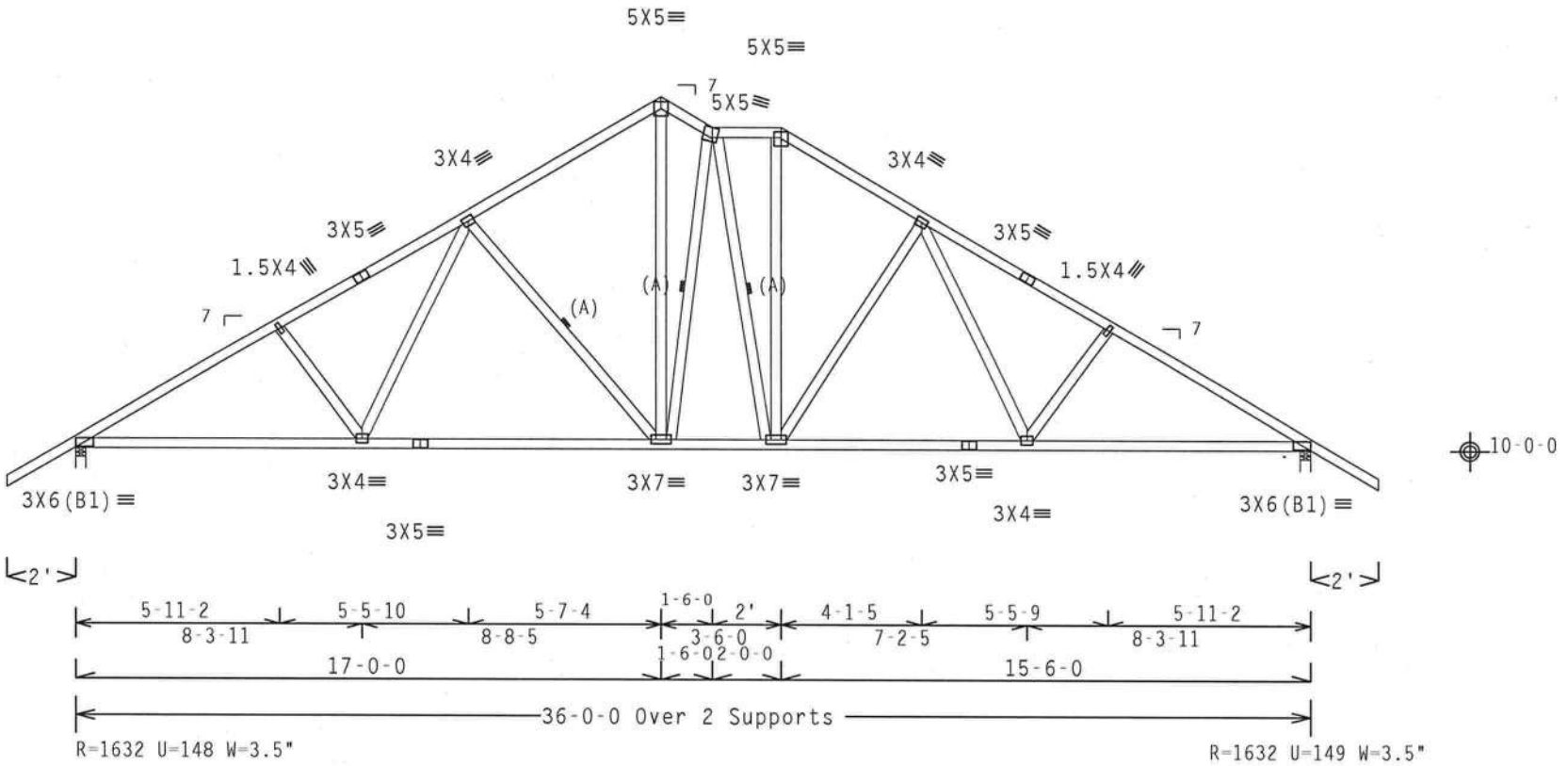
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424 j QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31947
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298017
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	57069
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A9)

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

(A) Continuous lateral bracing equally spaced on member.

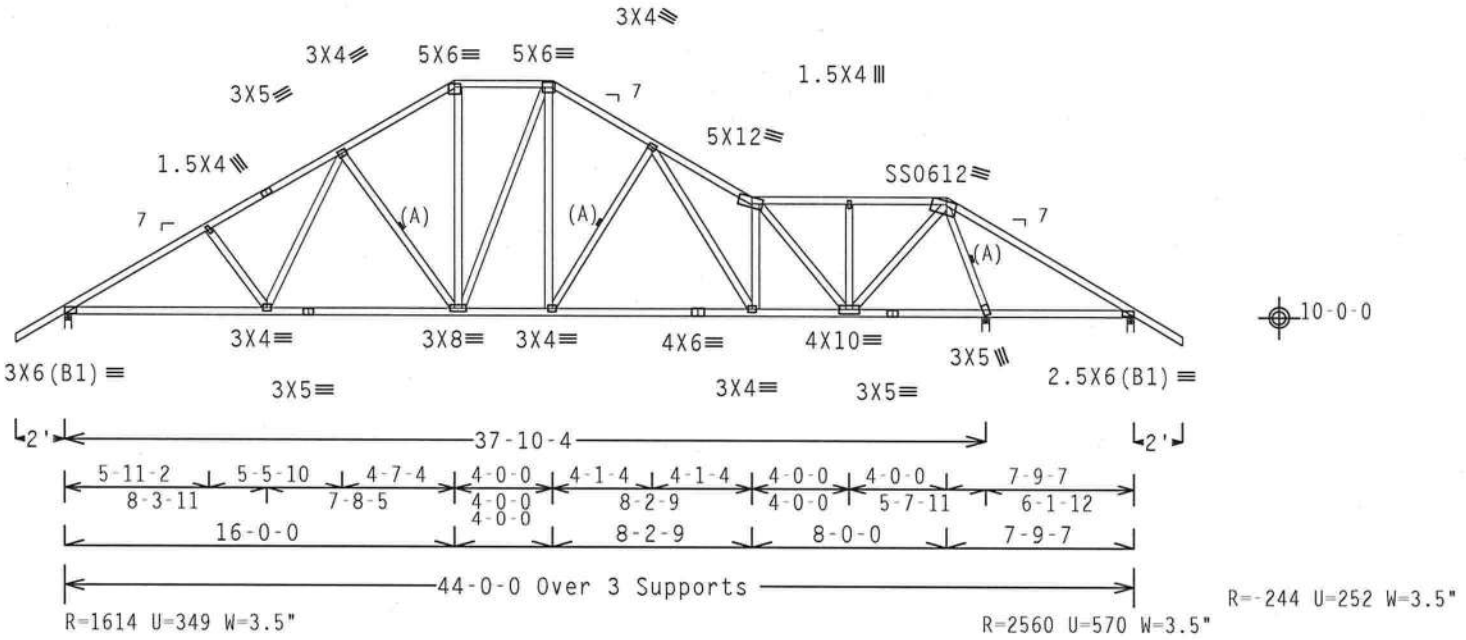
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Negative reaction(s) of -243# MAX. (See below) from a non-wind load case requires uplift connection.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31948
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298041
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57085
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A8)

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

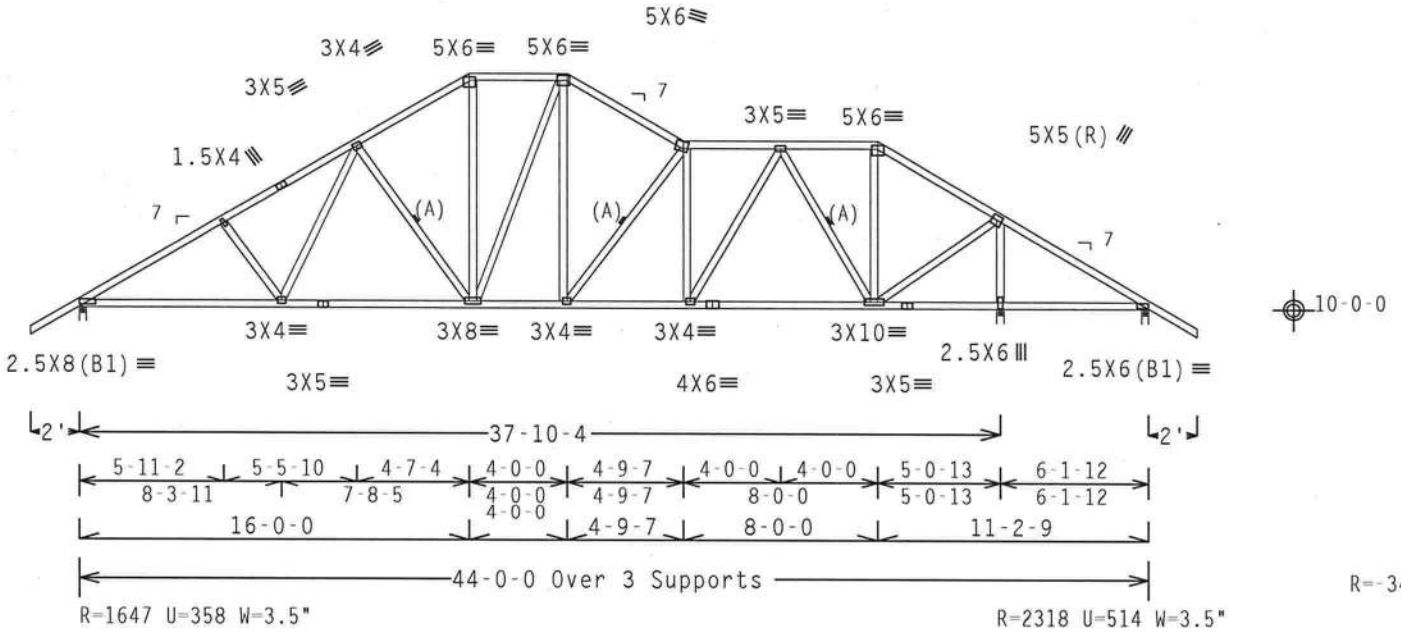
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31949
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298042
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57092
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A4)

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

(A) Continuous lateral bracing equally spaced on member.

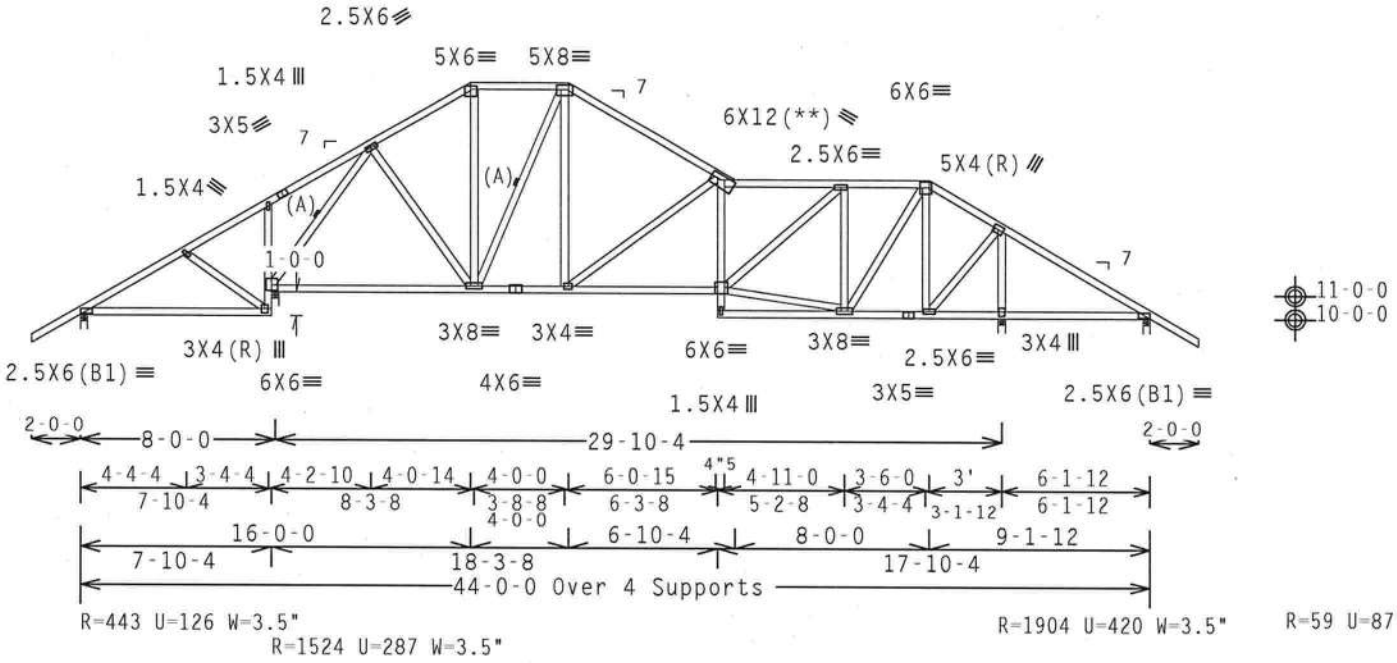
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31950
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298032
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57150
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A5)

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

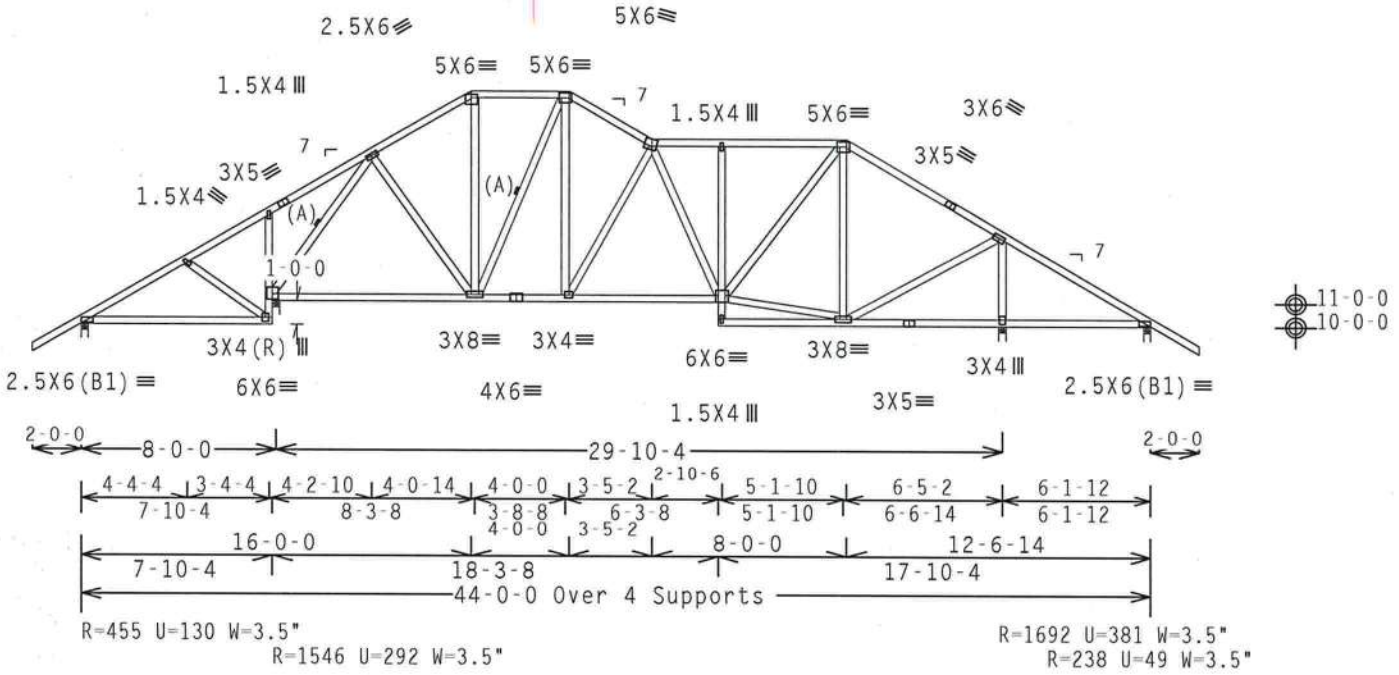
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 57212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF R8228- 31951
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298033
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN- 57155
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A7)

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

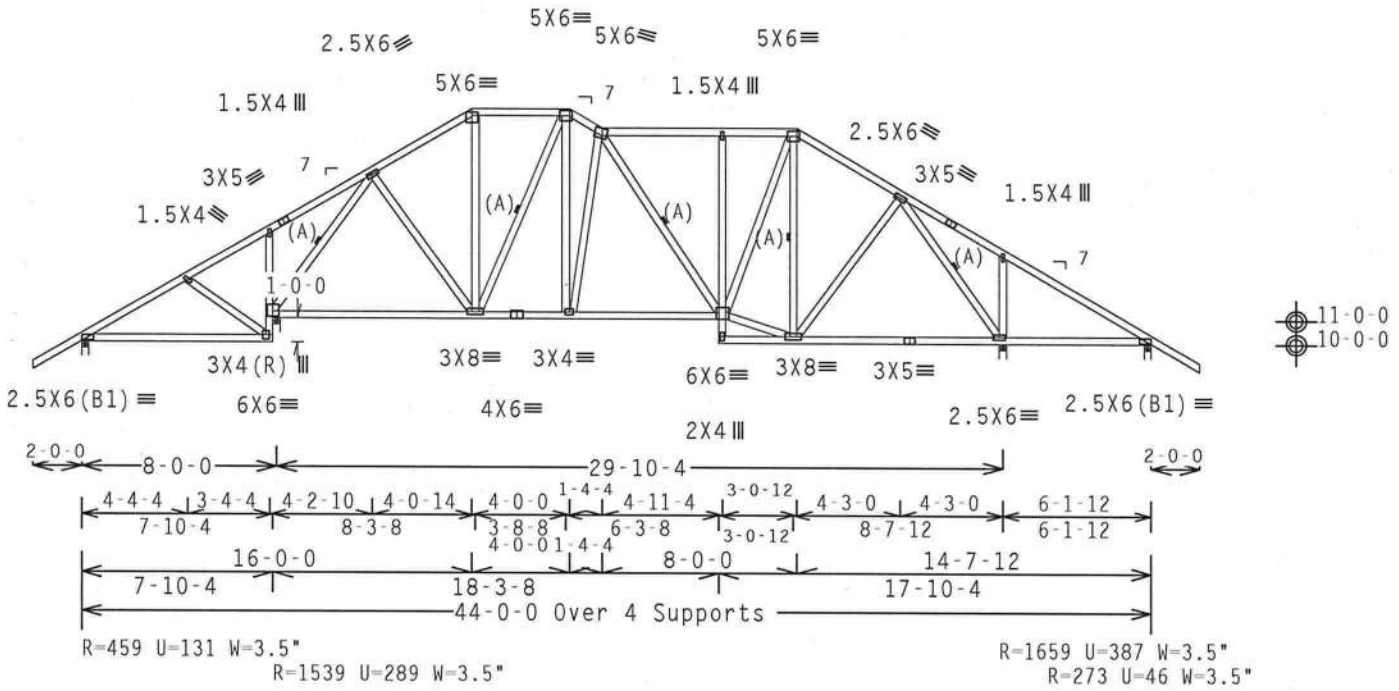
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/0(0) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE

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

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JAMES F. COLANSO JR. LICENSE NO. 32214 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 2, 07

TC LL	20.0 PSF	REF	R8228- 31952
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298034
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	57143
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - A6)

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 68 PLF at -2.00 to 68 PLF at 0.00
TC - From 63 PLF at 0.00 to 63 PLF at 36.00
TC - From 166 PLF at 36.00 to 221 PLF at 42.00
TC - From 63 PLF at 42.00 to 63 PLF at 44.00
TC - From 68 PLF at 44.00 to 68 PLF at 46.00
BC - From 20 PLF at 0.00 to 20 PLF at 44.00
TC - 110 LB Conc. Load at 42.00

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

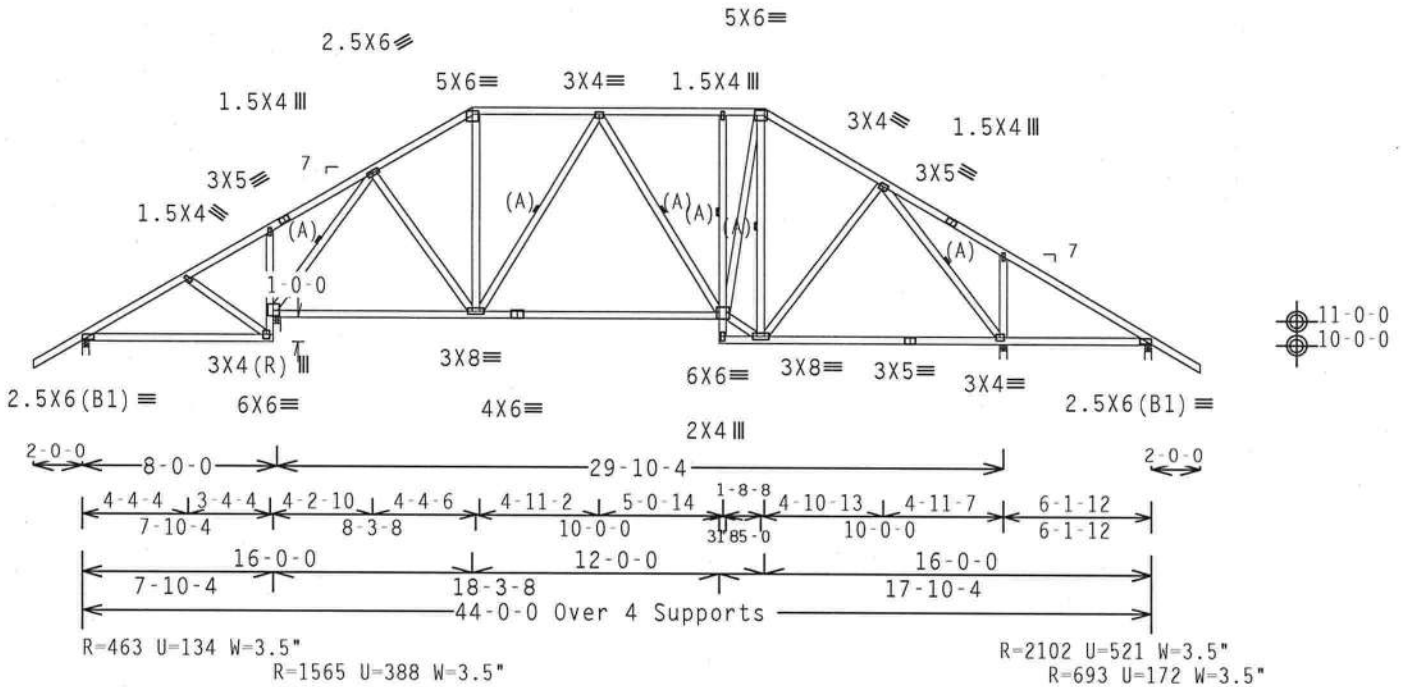
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

(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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424.12 QTY:7 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

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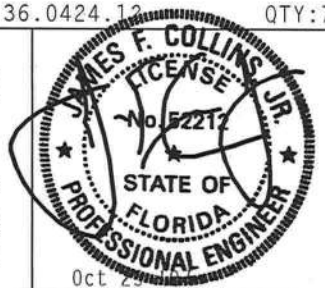


Oct 2

TC LL	20.0 PSF	REF	R8228- 31953
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298035
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57192
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H7B)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 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 7.58
TC - From 177 PLF at 7.58 to 177 PLF at 14.71
TC - From 63 PLF at 14.71 to 63 PLF at 30.15
BC - From 20 PLF at 0.00 to 20 PLF at 7.58
BC - From 44 PLF at 7.58 to 44 PLF at 14.71
BC - From 20 PLF at 14.71 to 20 PLF at 28.15
BC - From 5 PLF at 28.15 to 5 PLF at 30.15
BC - 1347 LB Conc. Load at 7.58, 14.71

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

Bearing blocks: Nail type: 12d_Common_(0.148"x3.25",_min.)_nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	12"	4	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

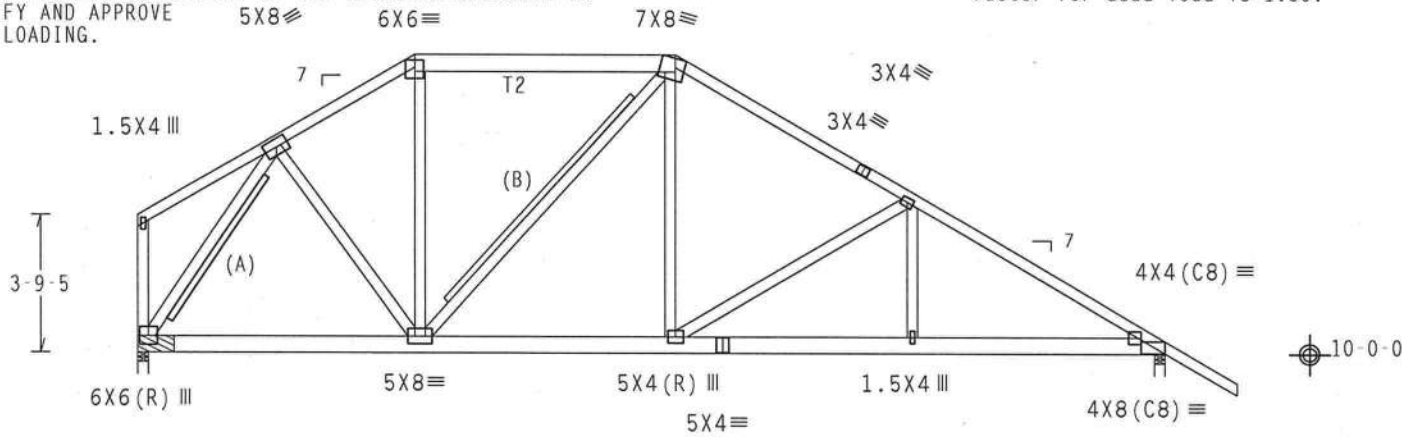
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

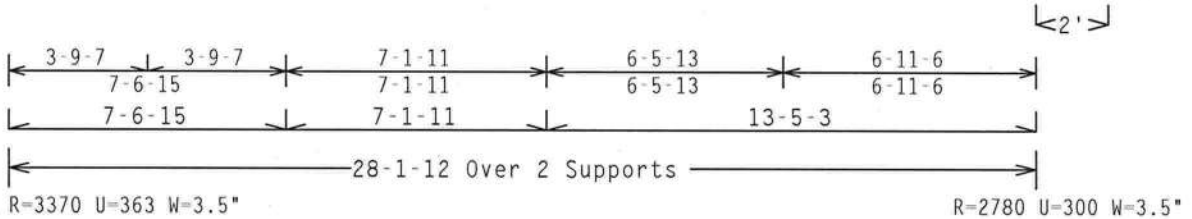
(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

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





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

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 29,07

TC LL	20.0 PSF	REF	R8228- 31954
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298044
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57018
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - B2)

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

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

Wind reactions based on MWFRS pressures.

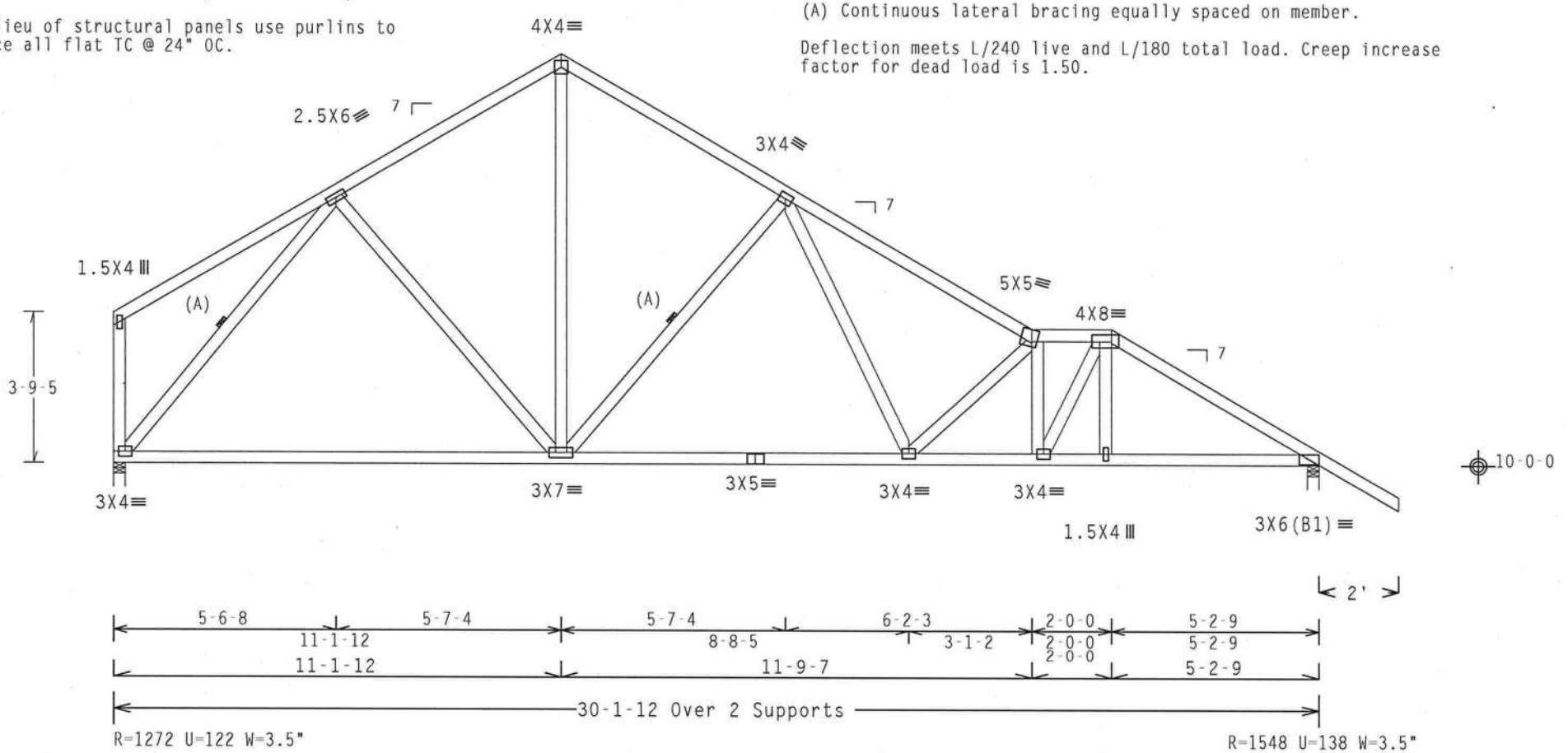
Left end vertical not exposed to wind pressure.

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 11.15
TC - From 63 PLF at 11.15 to 63 PLF at 22.93
TC - From 63 PLF at 22.93 to 63 PLF at 24.93
TC - From 63 PLF at 24.93 to 63 PLF at 32.15
BC - From 20 PLF at 0.00 to 20 PLF at 30.15
BC - From 5 PLF at 30.15 to 5 PLF at 32.15
TC - 118 LB Conc. Load at 24.93
BC - 60 LB Conc. Load at 24.93

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31955
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298052
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57046
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H8B)

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

Left end vertical not exposed to wind pressure.

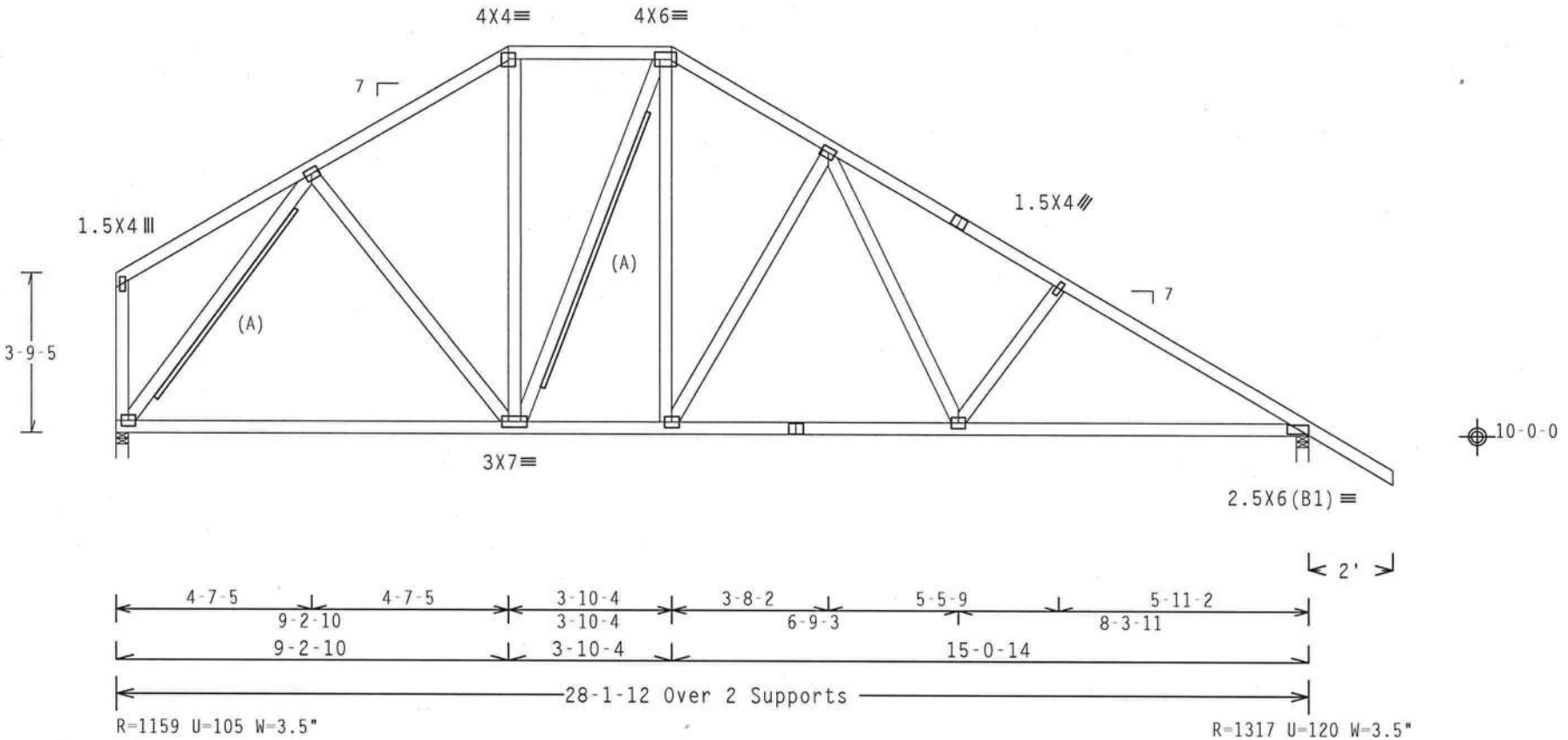
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31956
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298018
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	57027
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - B1)

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

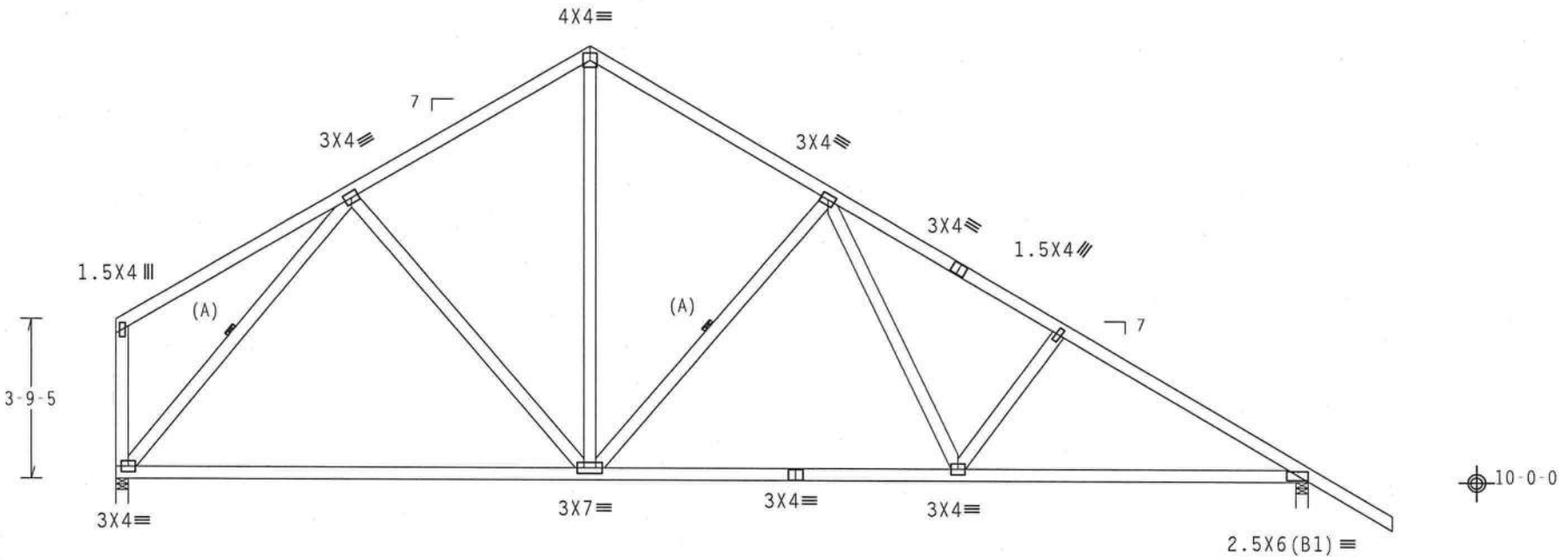
Left end vertical not exposed to wind pressure.

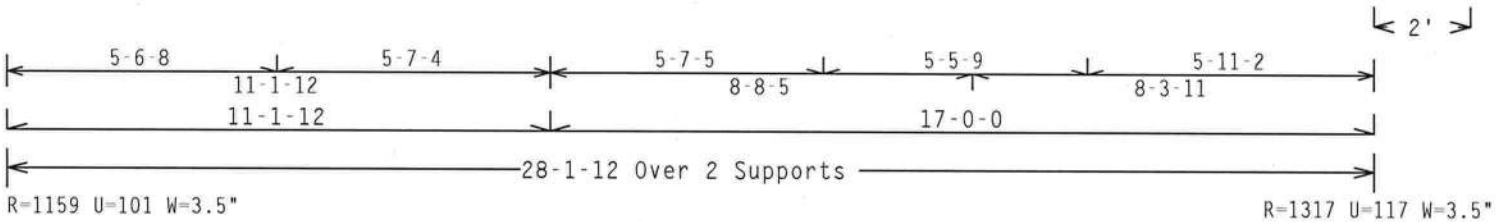
(A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

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





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

QTY:10 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS LICENSE No. 62212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31957
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298036
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57035
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - B3)

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

Left end vertical not exposed to wind pressure.

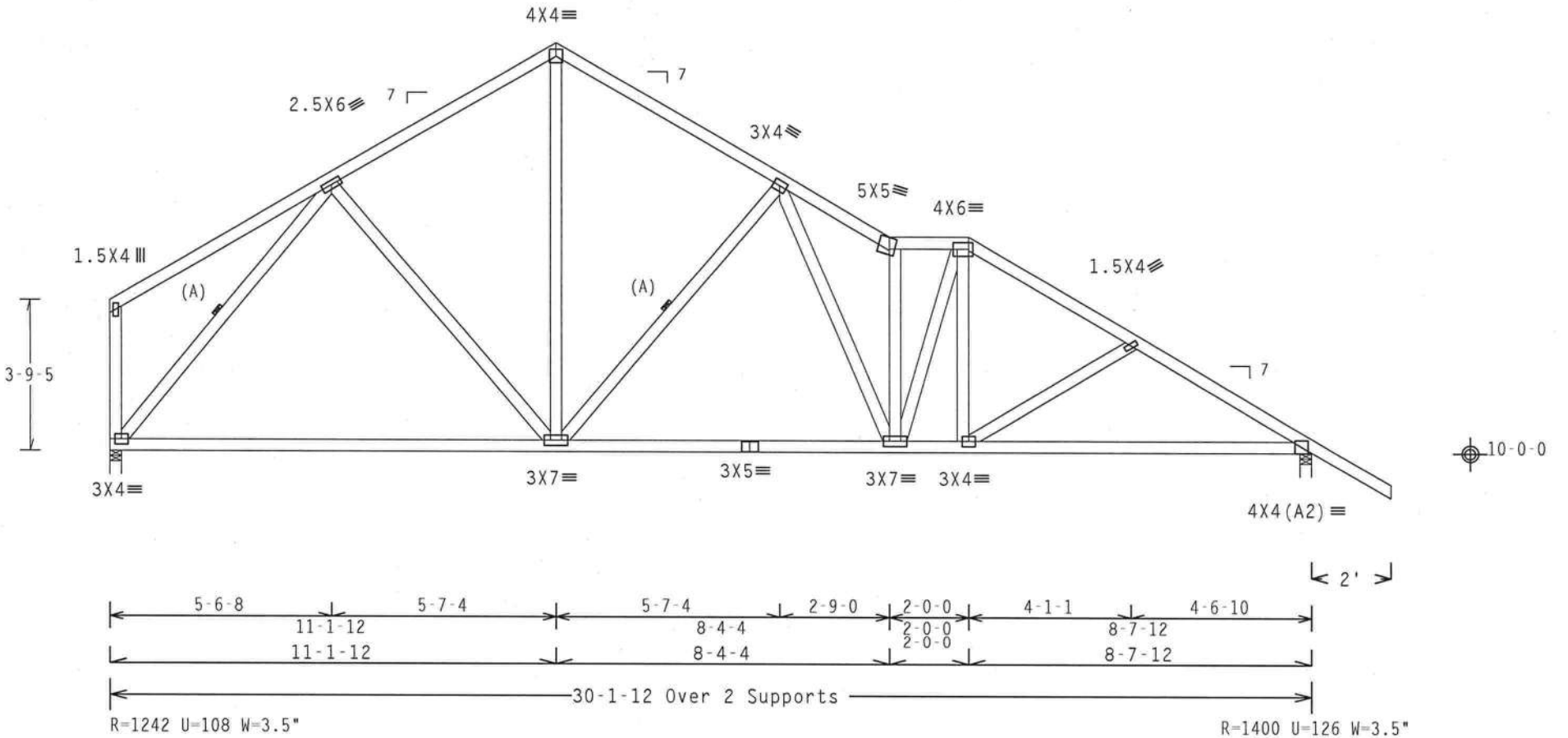
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS LICENSED PROFESSIONAL ENGINEER No. 52212 STATE OF FLORIDA

Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31958
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298037
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57051
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

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

Wind reactions based on MWFRS pressures.

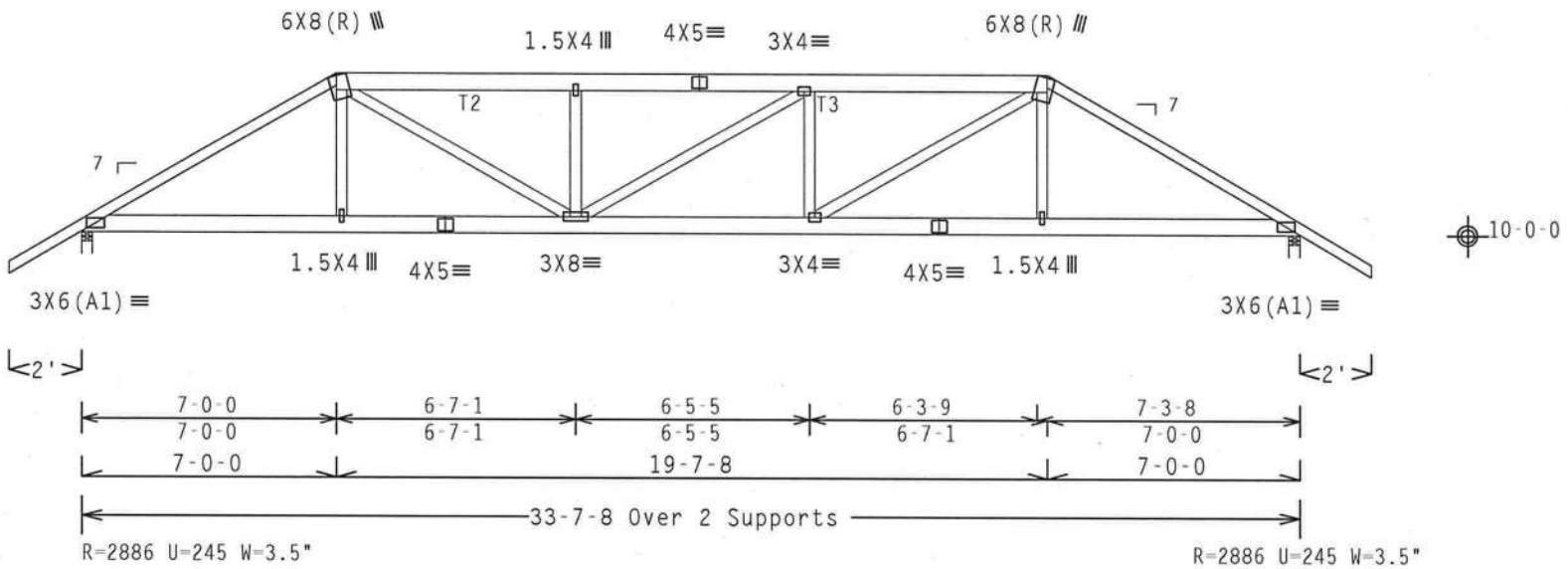
#1 hip supports 7-0-0 jacks with no webs.

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

2 COMPLETE TRUSSES REQUIRED

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

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



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

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

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31959
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298038
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	56738
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H9C)

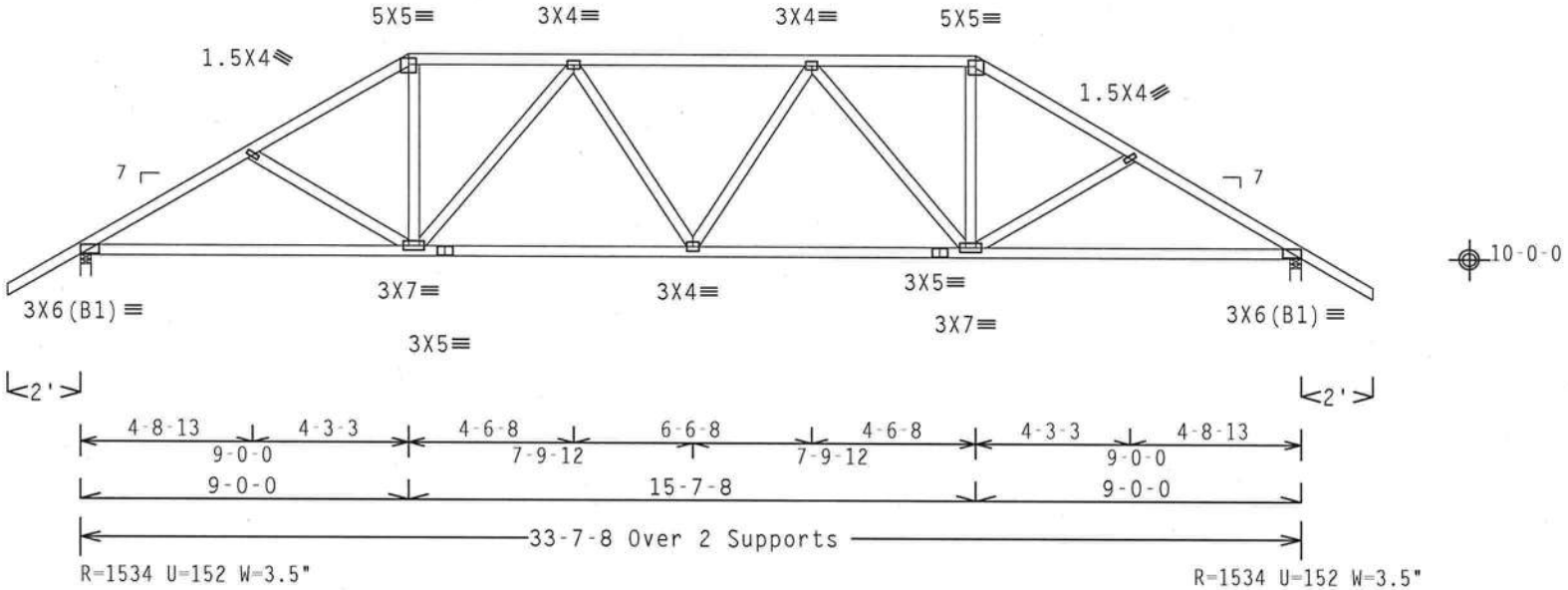
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31960
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298019
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56749
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H11C)

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

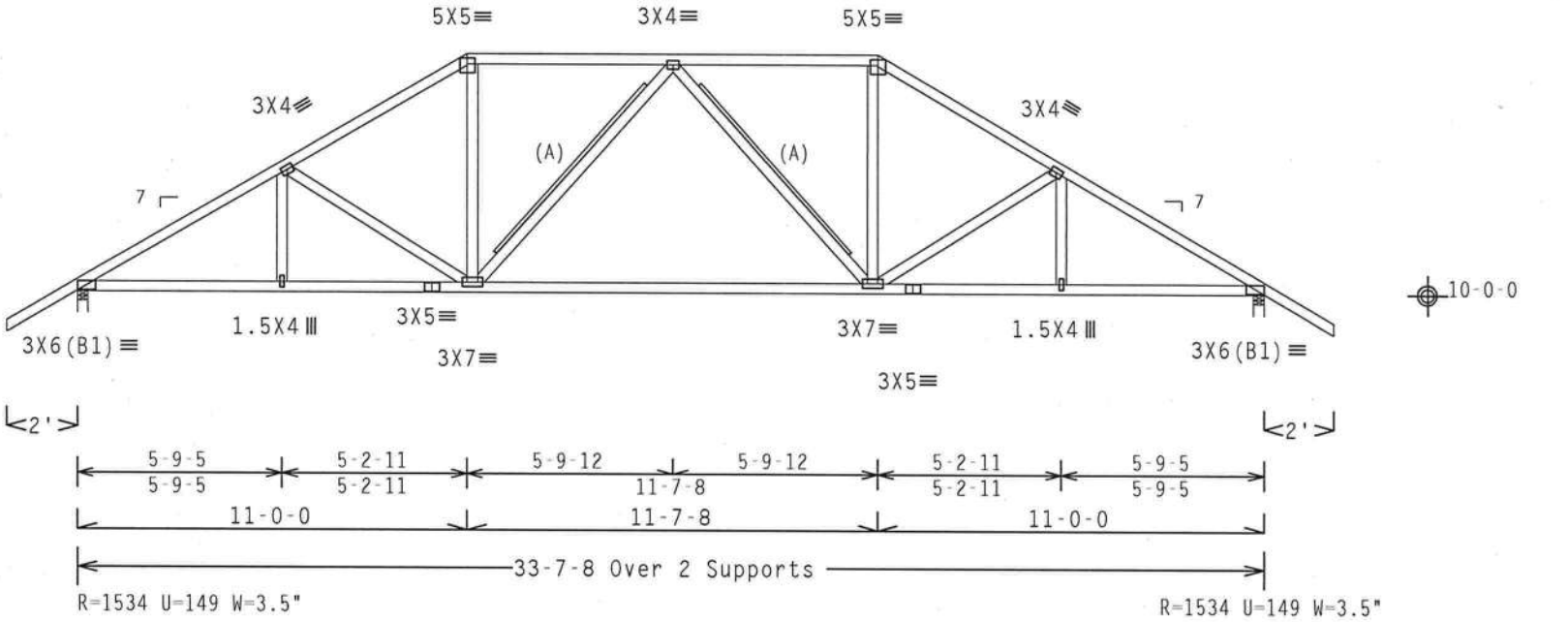
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

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JAMES F. COLLINS JR. LICENSED No. 62212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct

TC LL	20.0 PSF	REF	R8228- 31961
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298039
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56759
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H13C)

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

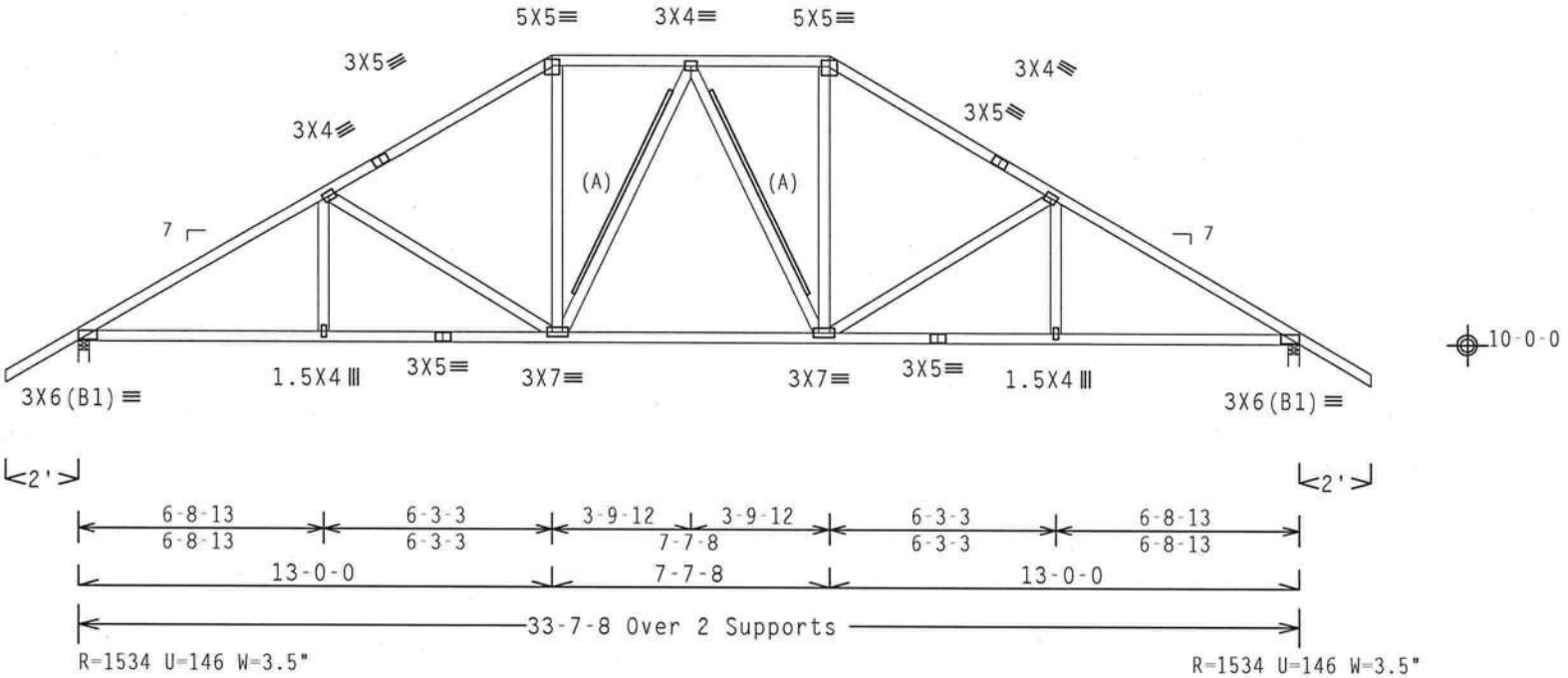
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave

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

ALPINE

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

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

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JAMES E. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25,07

TC LL	20.0 PSF	REF	R8228- 31962
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298020
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56764
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - H15C)

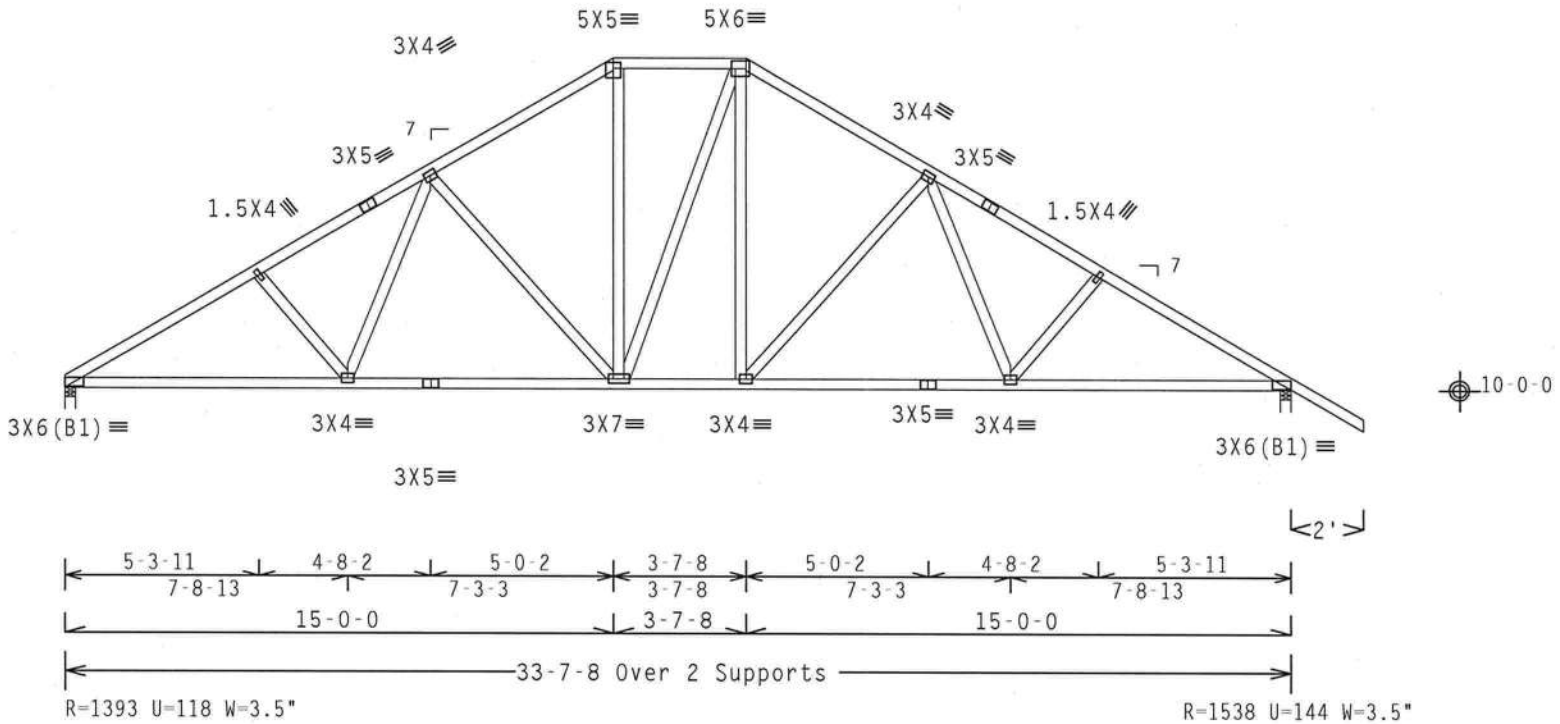
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52213 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31963
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298021
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56772
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - C1)

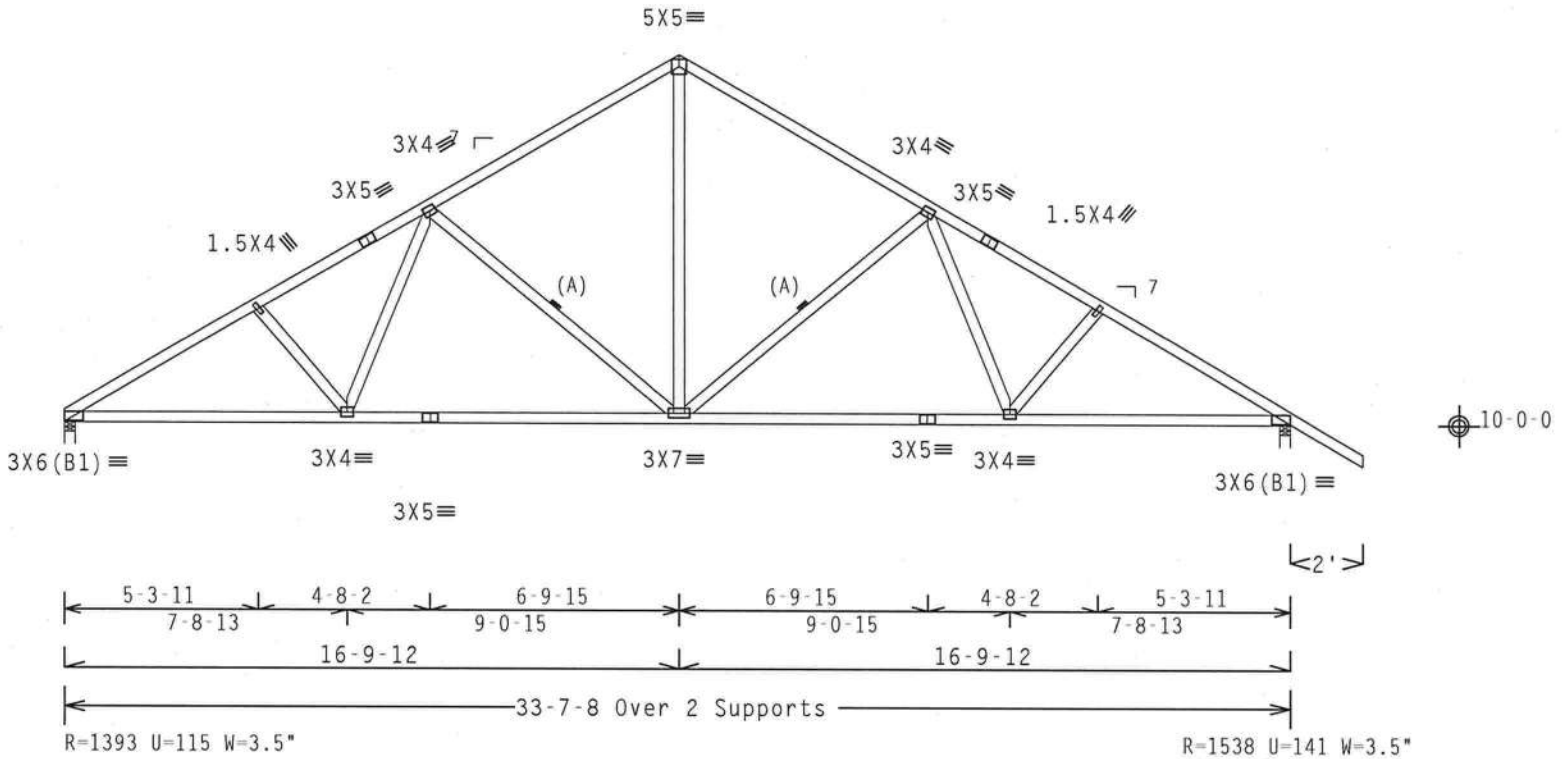
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31964
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298022
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56783
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

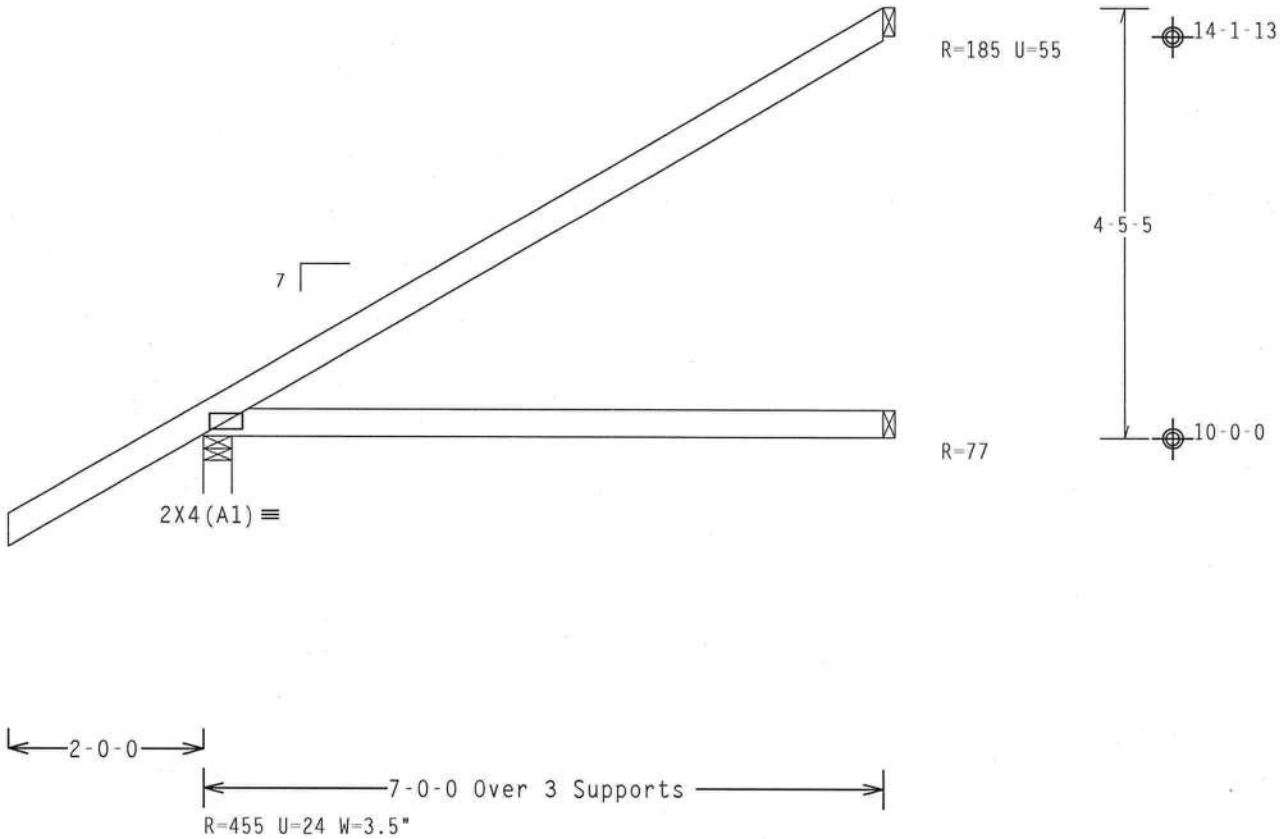
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - EJ7)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave

QTY:11 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

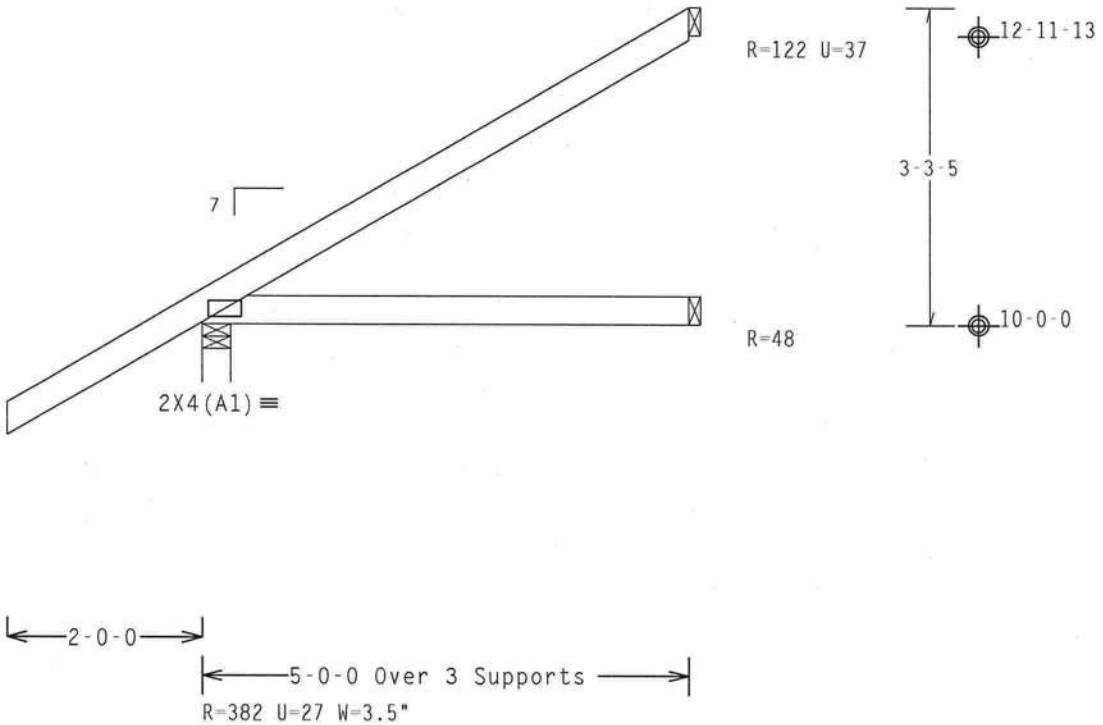
TC LL	20.0 PSF	REF	R8228- 31965
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298023
BC LL	0.0 PSF		HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56711
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

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

ALPINE

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

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF R8228- 31966
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298024
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56716
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - HJ7)

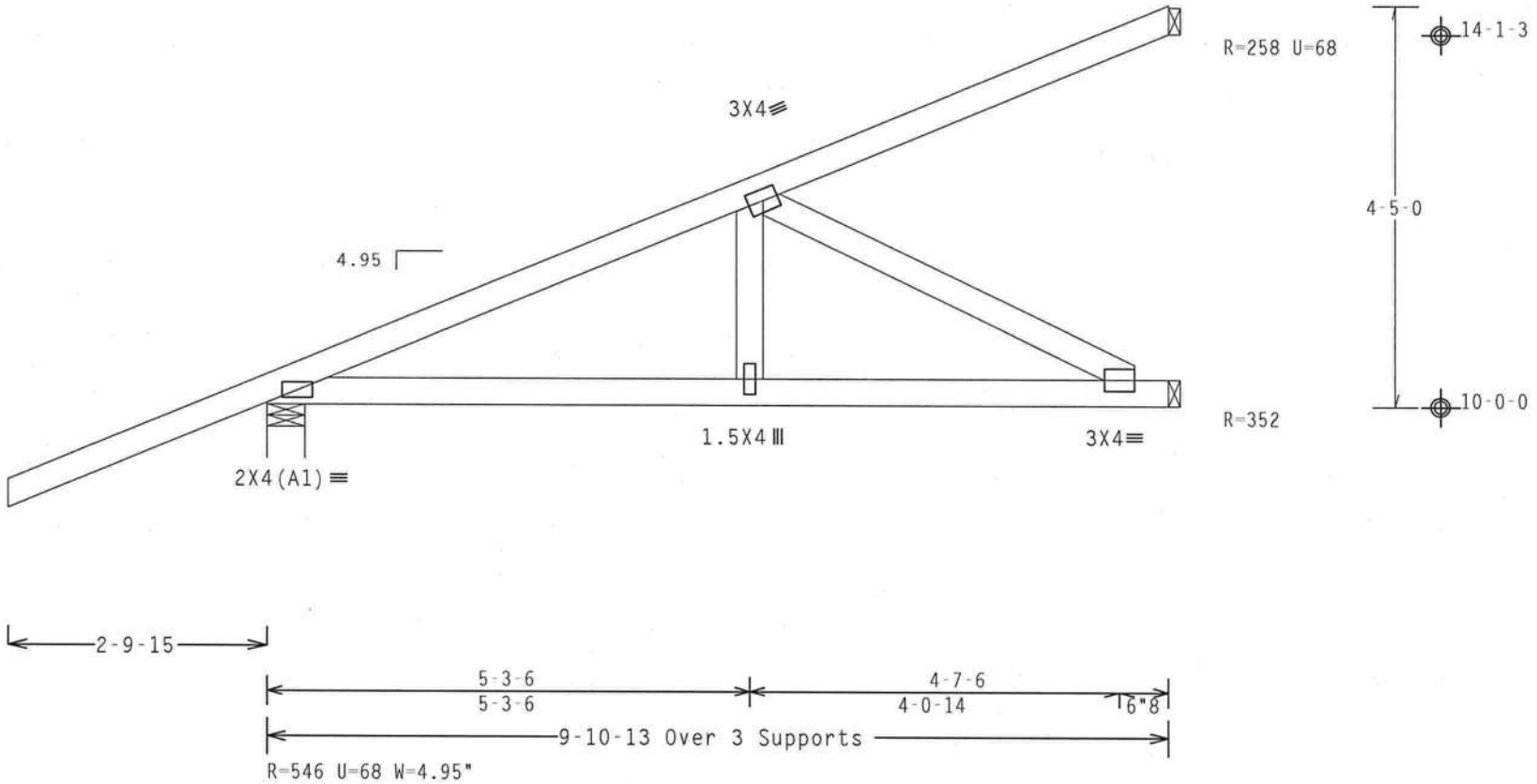
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31967
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298040
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56731
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

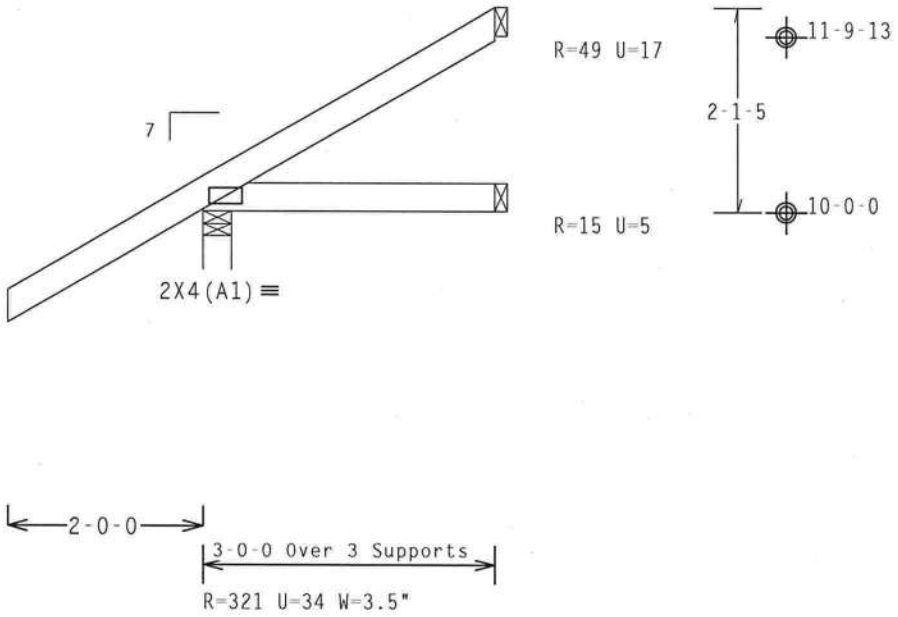
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J3)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.13

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

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 2[illegible]

TC LL	20.0 PSF	REF R8228- 31968
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298025
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56721
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

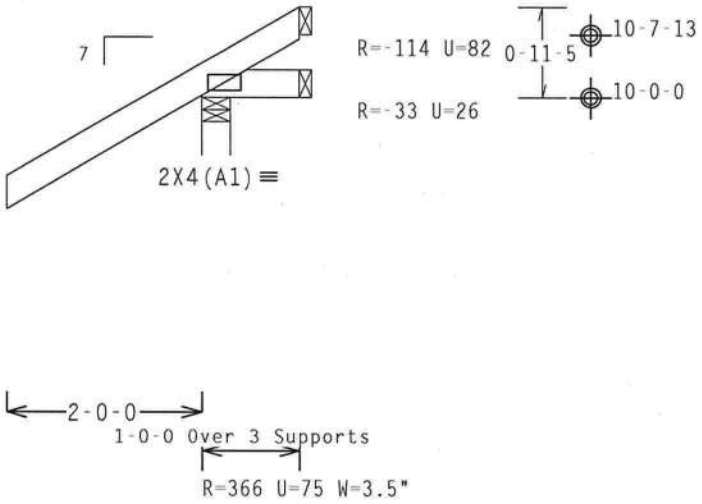
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J1)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave

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

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31969
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298030
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56725
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

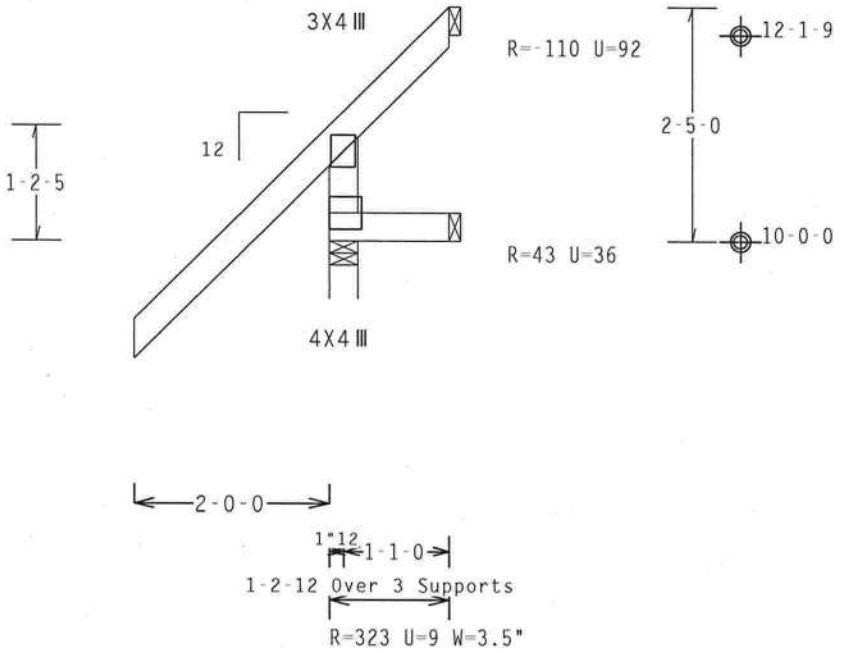
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J1A)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.12

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

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

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JAMES F. COLLINS, JR. LICENSE No. 52218 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct

TC LL	20.0 PSF	REF	R8228- 31970
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298031
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56878
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

Wind reactions based on MWFRS pressures.

Hipjack supports 9-9-14 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

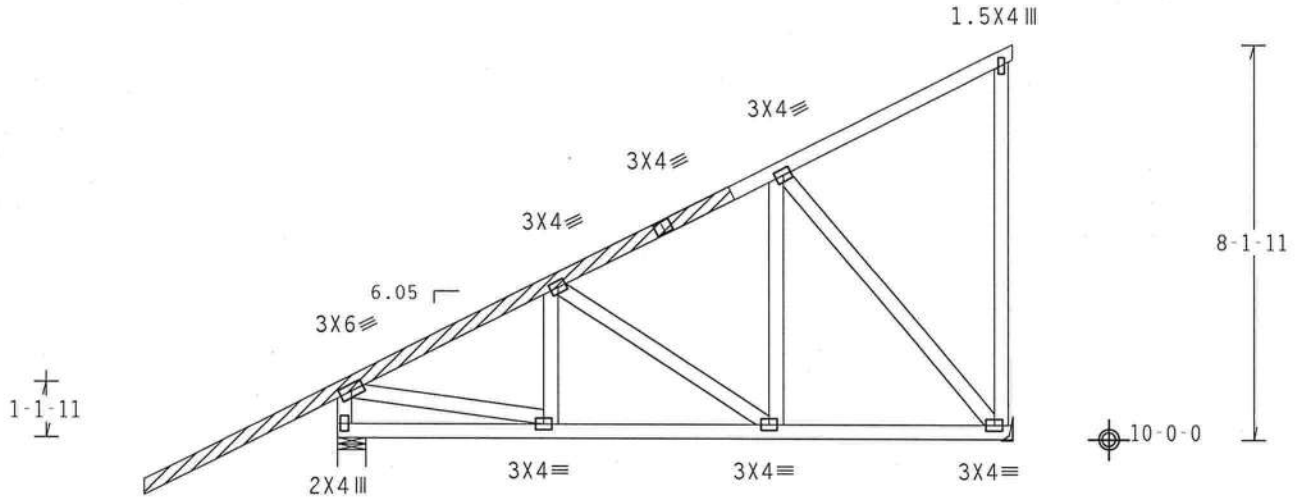
Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

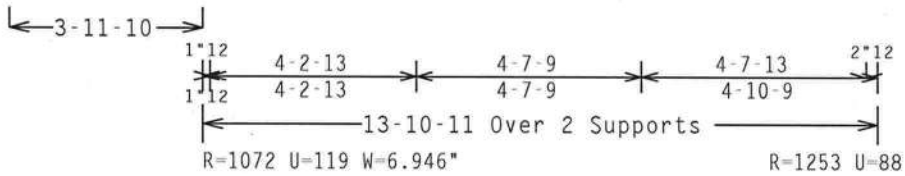
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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) 2x4X13-6-14 SP #2 Dense Top chord scabs centered 2-1-2 from left end. Attach one to each outer face of chord with (2) rows of 12d_Common_(0.148"x3.25",_min.)_nails @ 12" O.C., staggered 6".





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.33.0114 QTY:3 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31971
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298047
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	19610 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

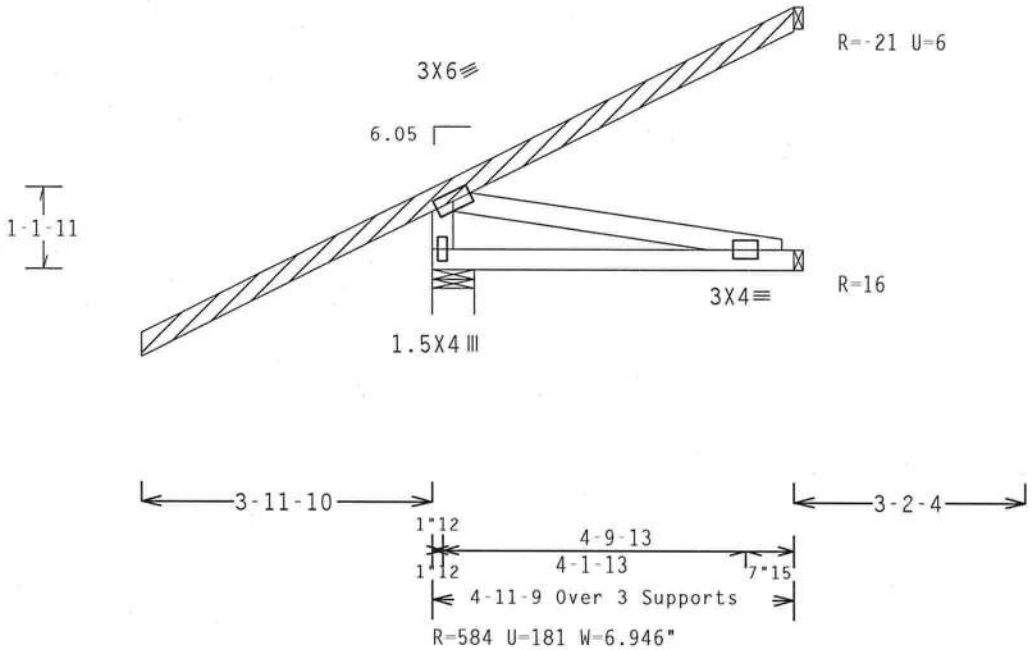
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Hipjack supports 3-6-2 setback jacks with no webs.

(2) 2x4X10-6-14 SP #2 Dense Top chord scabs centered 2-1-1 from left end. Attach one to each outer face of chord with 2 rows of 12d_Common_(0.148"x3.25",_min.)_nails @ 12" O.C., staggered 6".



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.33.0114 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

JAMES F. COLLINS, JR. LICENSED No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF R8228- 31972
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298048
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN- 19614 REV
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - HJ1)

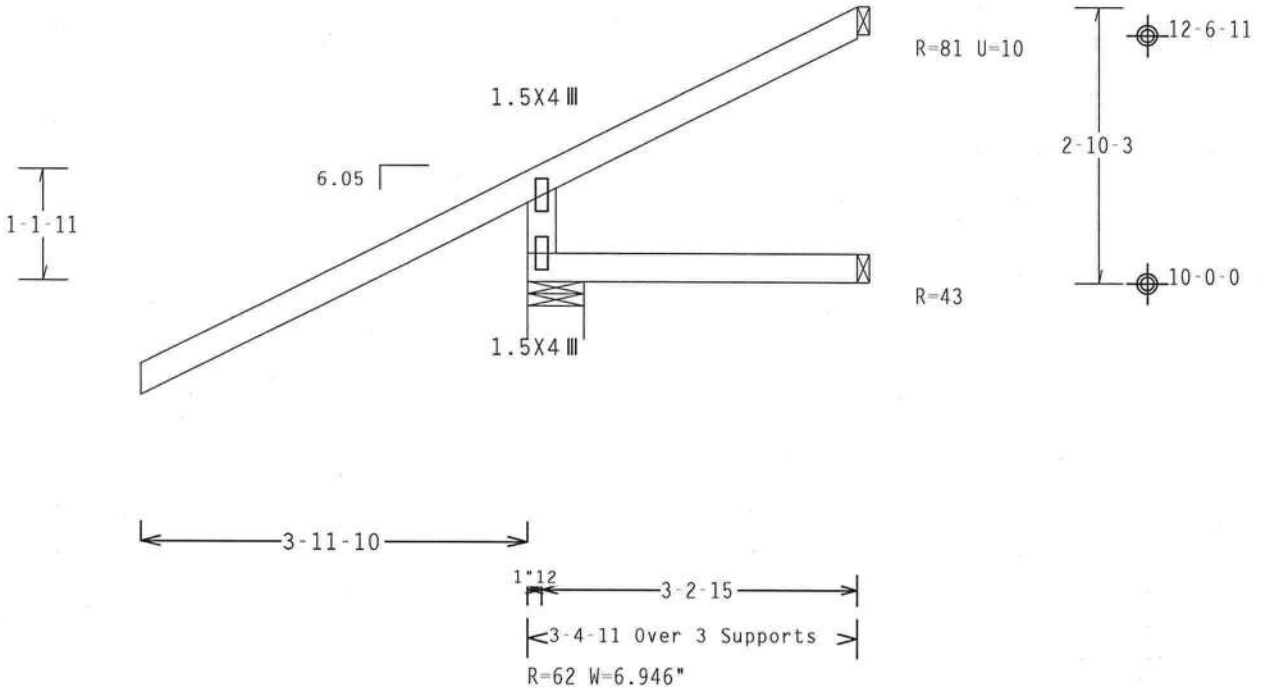
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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

Wind reactions based on MWFRS pressures.

Hipjack supports 5-2-7 setback jacks with no webs.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.33.0114 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31973
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298049
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	19618 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

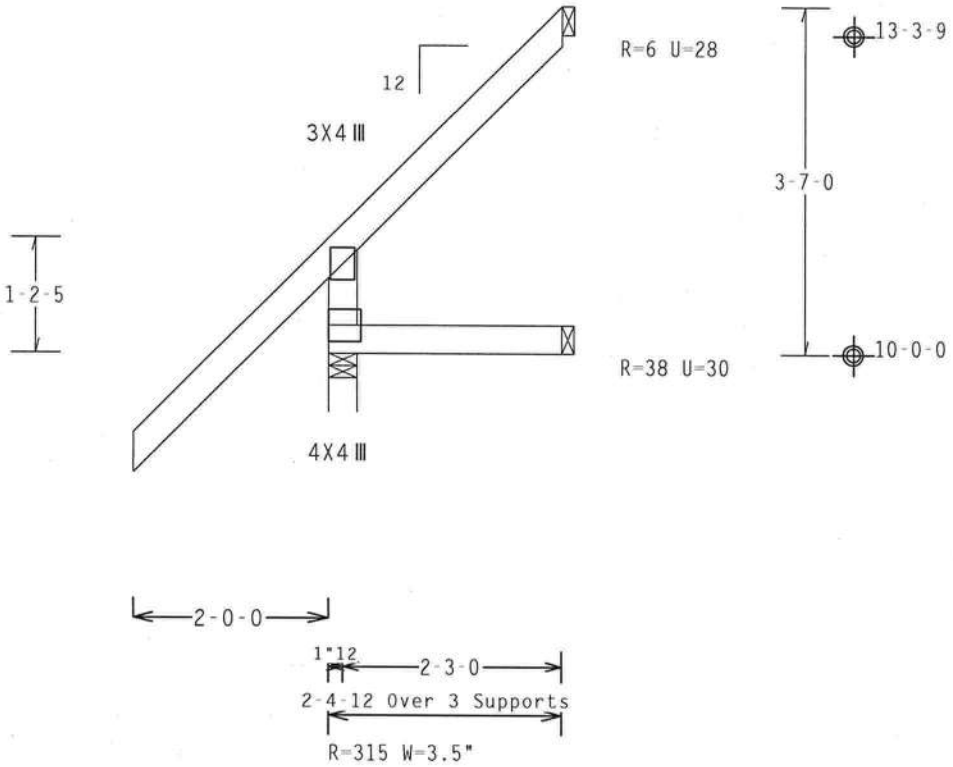
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J2)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.12

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

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct

TC LL	20.0 PSF	REF	R8228- 31974
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298026
BC LL	0.0 PSF		HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56882
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

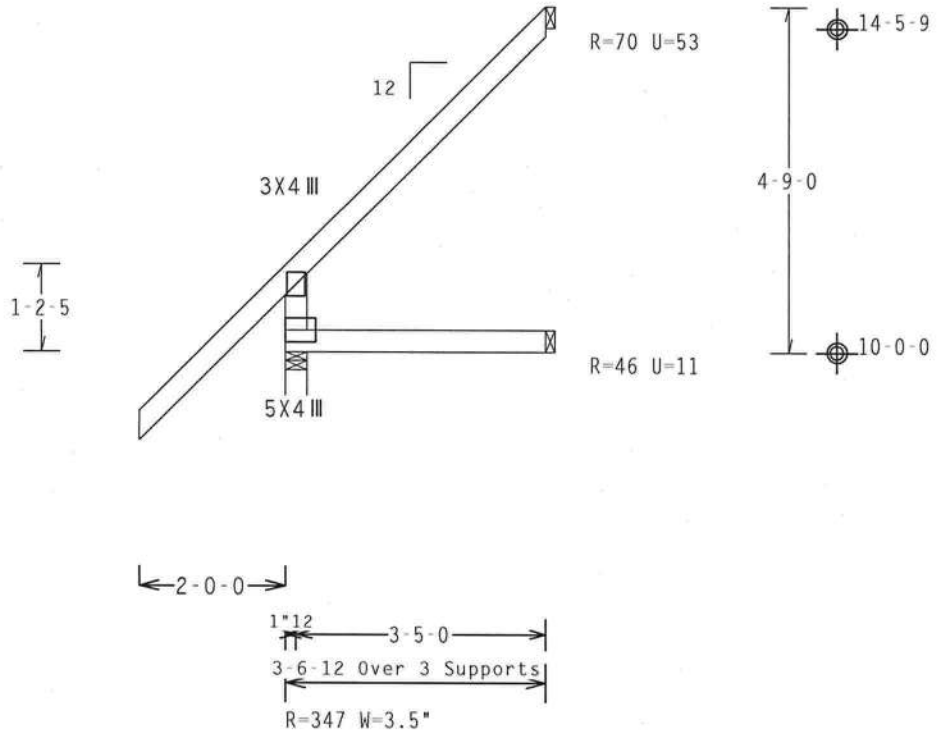
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J3A)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:4 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31975
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298027
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56799
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - HJ7B)

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

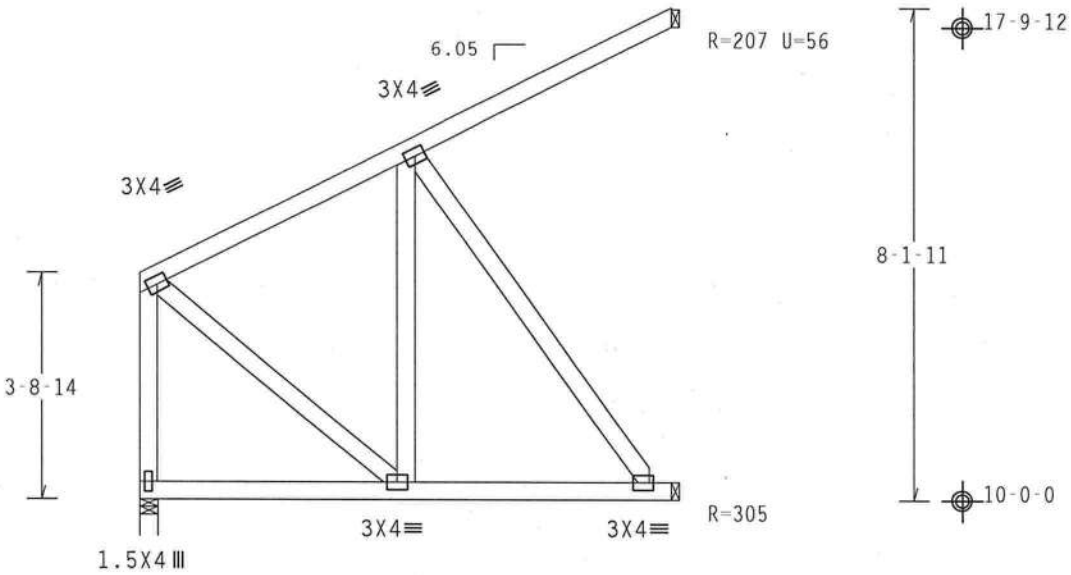
Left end vertical not exposed to wind pressure.

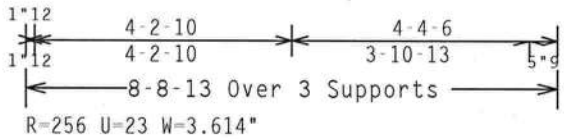
Hipjack supports 6-2-2 setback jacks with no webs.

110 mph wind, 15.94 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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





R=256 U=23 W=3.614"

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE

ITW Building Components Group, Inc
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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Occ

TC LL	20.0 PSF	REF R8228- 31976
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298043
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN- 57007
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

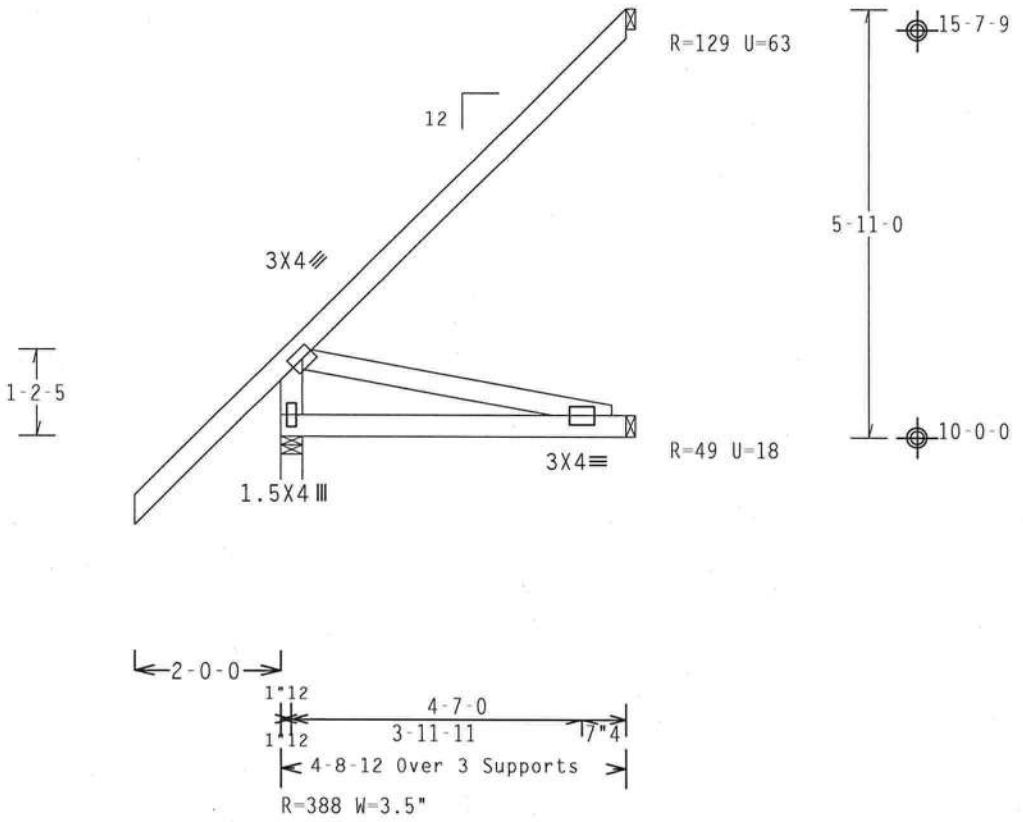
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J4)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:4 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31977
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298028
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56815
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

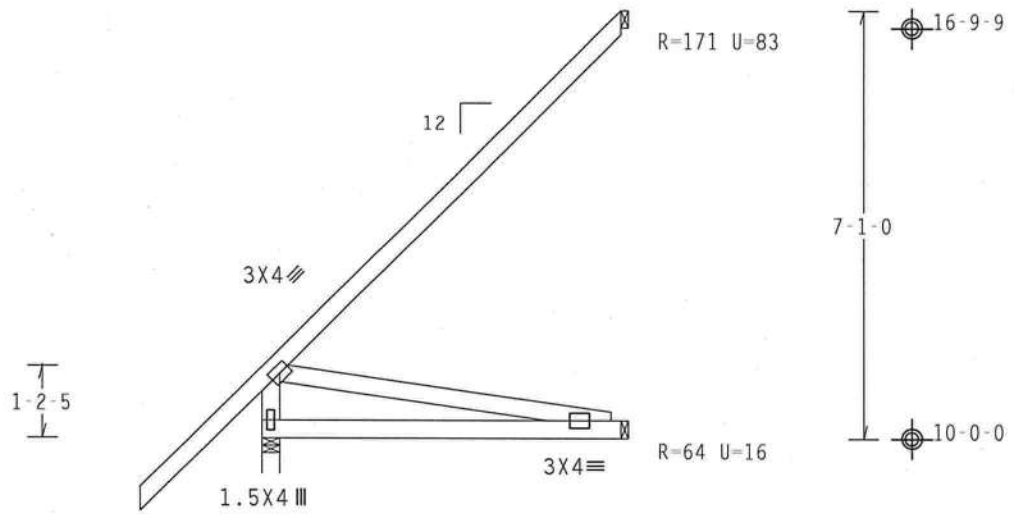
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J5A)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/0(0) 7.36.0424 1

QTY:4 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 29,07

TC LL	20.0 PSF	REF R8228- 31978
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298029
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56819
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

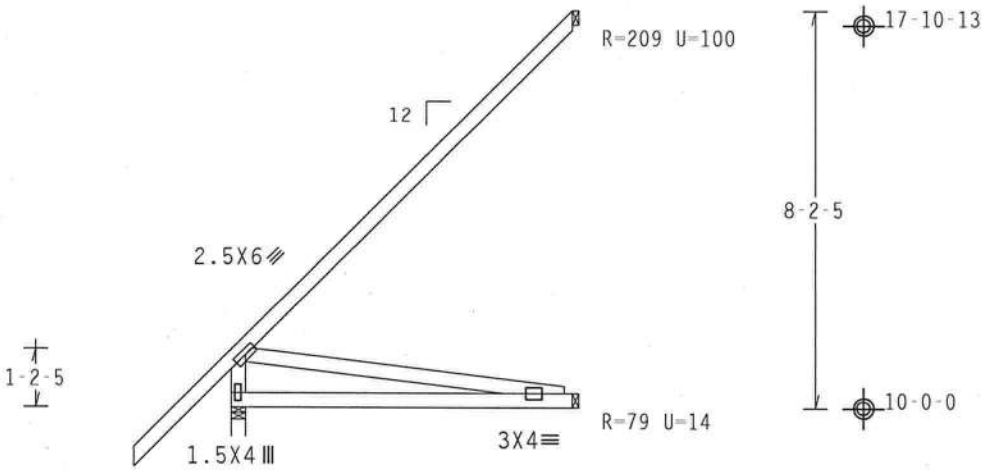
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - EJ7A)

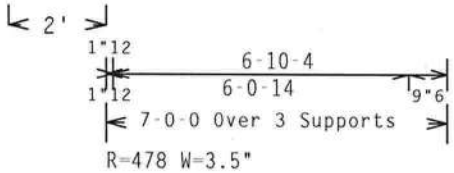
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.13

PLT TYP. Wave

QTY:11 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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Oct 25,07

TC LL	20.0 PSF	REF	R8228- 31979
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298001
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56825
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

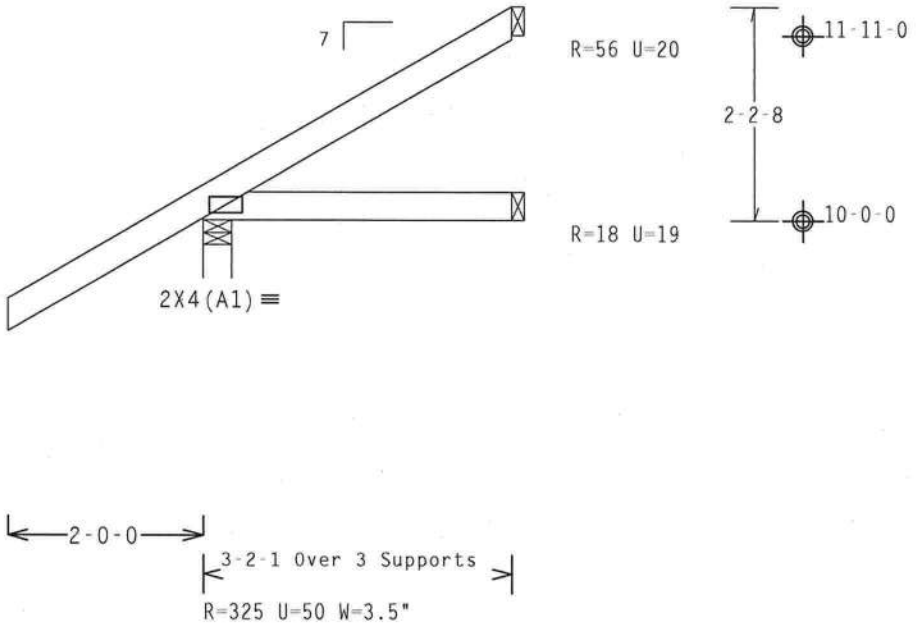
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J3B)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 1[illegible] QTY:6 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 29 [illegible]

TC LL	20.0 PSF	REF	R8228- 31980
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298002
BC LL	0.0 PSF		HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56874
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - HJ2A)

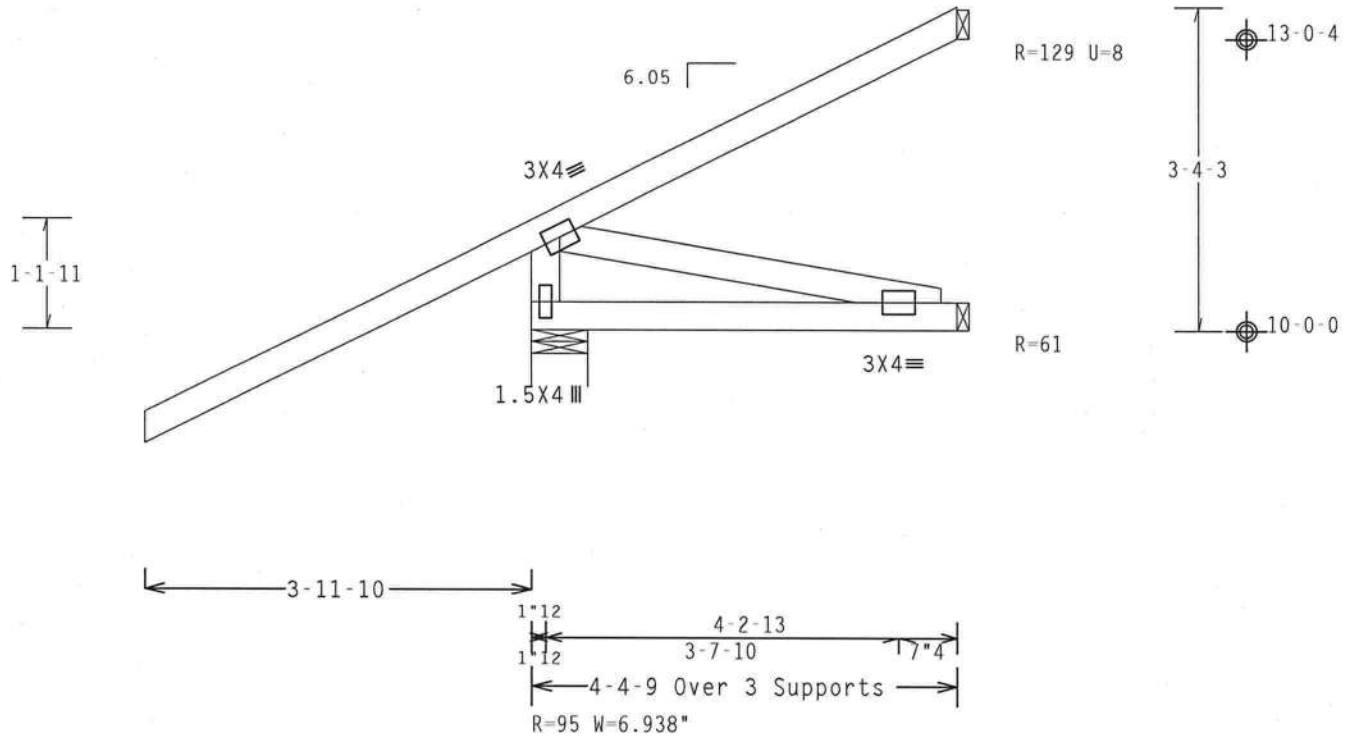
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Hipjack supports 5-10-14 setback jacks with no webs.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.33.0114.10

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct

TC LL	20.0 PSF	REF R8228- 31981
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298003
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN- 19621 REV
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

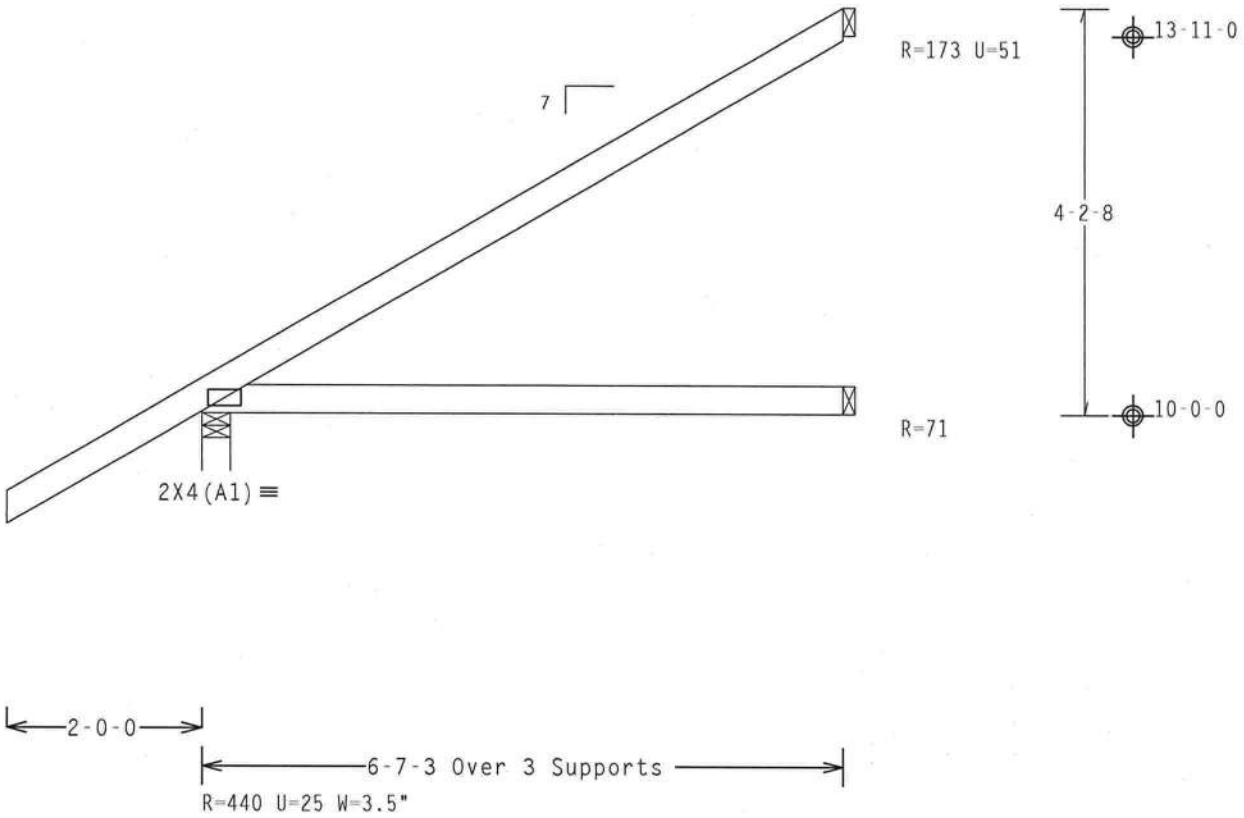
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J6)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 1

PLT TYP. Wave

QTY:3 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25

TC LL	20.0 PSF	REF R8228- 31982
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298004
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56836
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

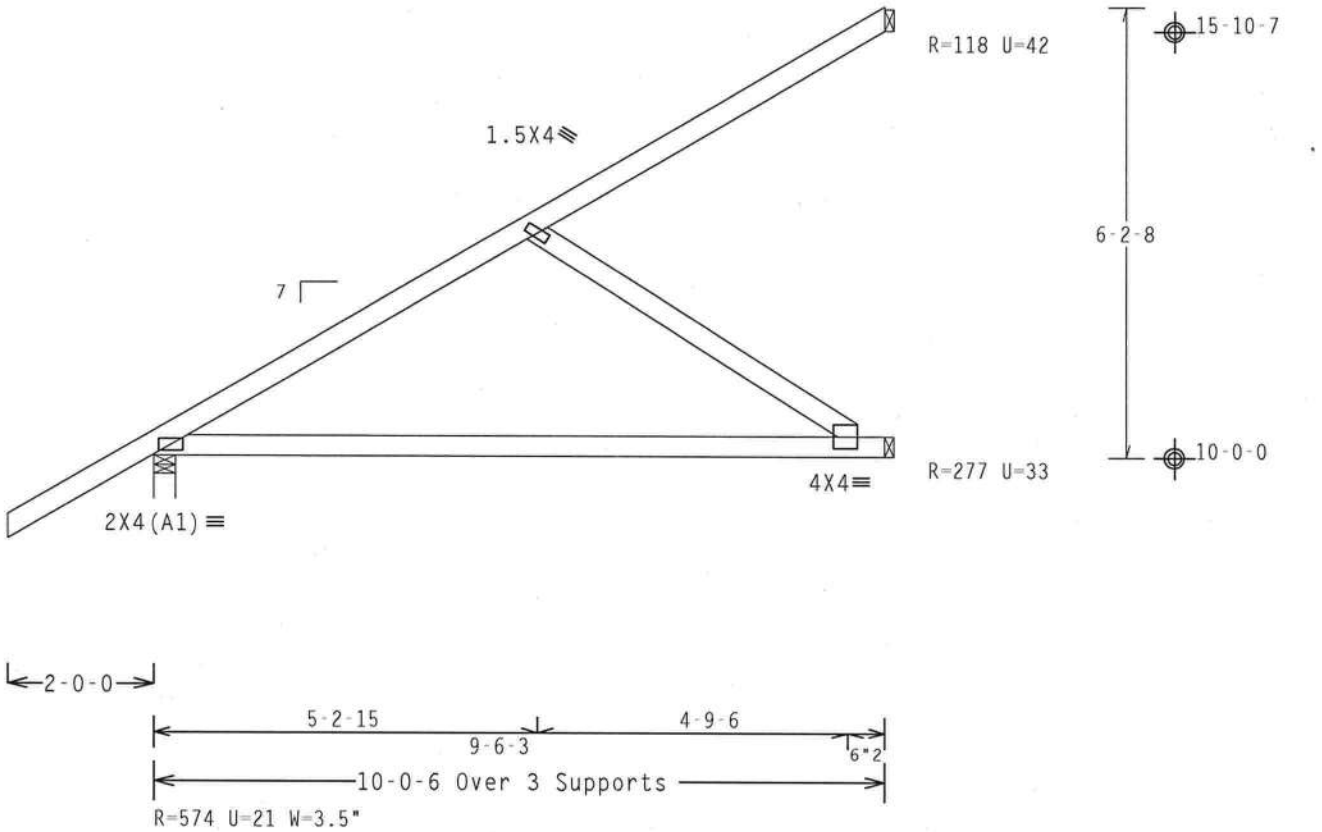
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J10)

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:3 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 '07

TC LL	20.0 PSF	REF	R8228- 31983
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298005
BC LL	0.0 PSF	HC-ENG	CC/AP *
TOT.LD.	40.0 PSF	SEQN-	56843
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

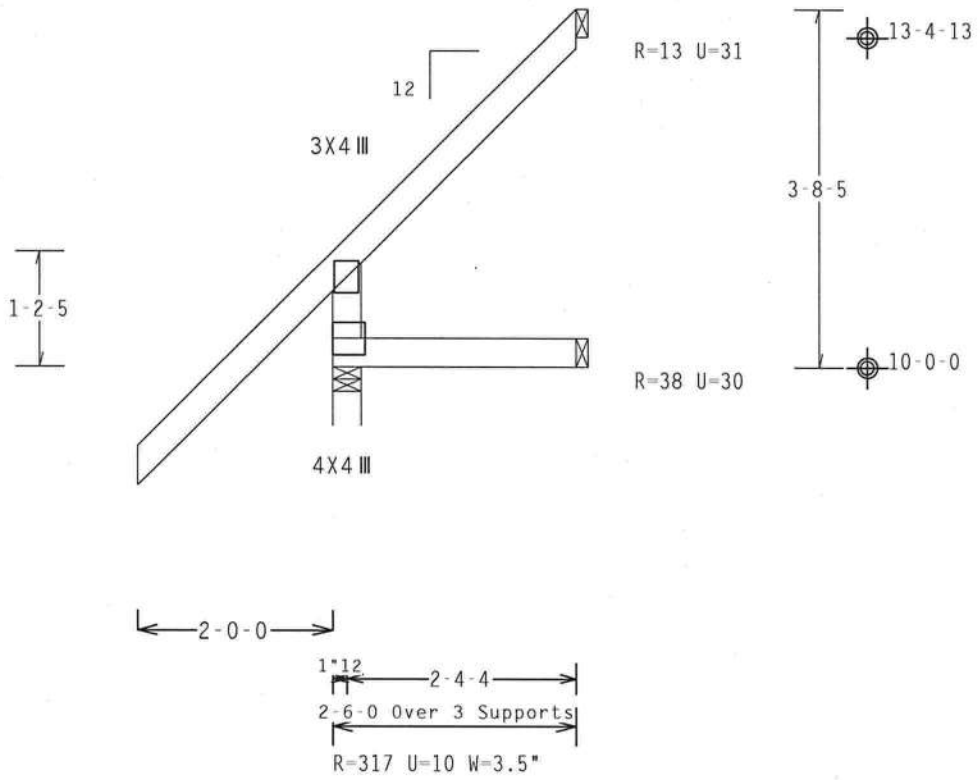
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - EJ2)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.12

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 29

TC LL	20.0 PSF	REF R8228- 31984
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298006
BC LL	0.0 PSF	HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN- 56869
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

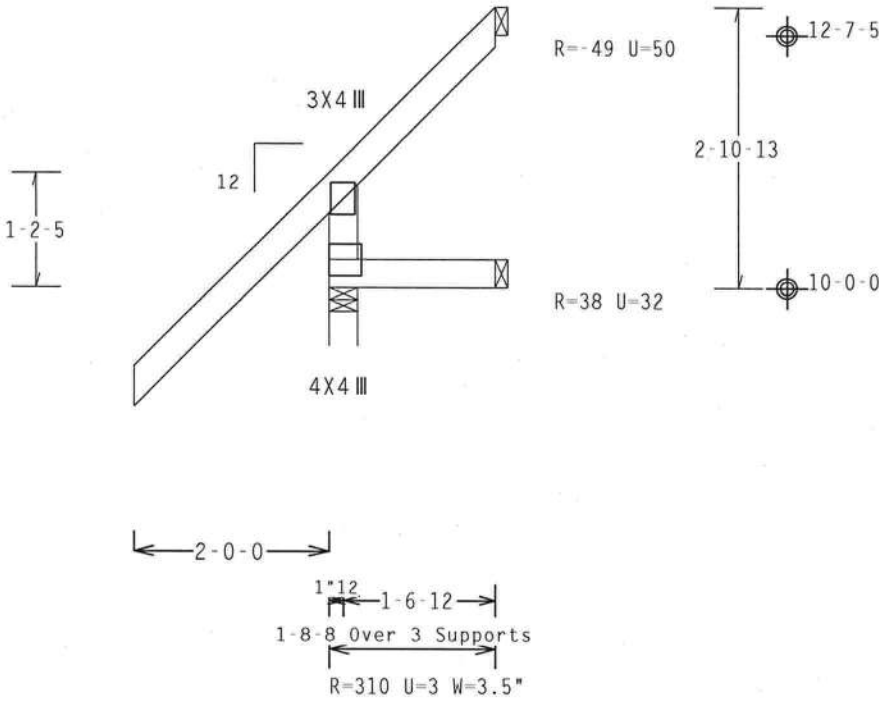
(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - EJ1)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 1

PLT TYP. Wave QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 25,2007

TC LL	20.0 PSF	REF R8228- 31985
TC DL	10.0 PSF	DATE 10/25/07
BC DL	10.0 PSF	DRW HCUSR8228 07298007
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN- 56899
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - J4B)

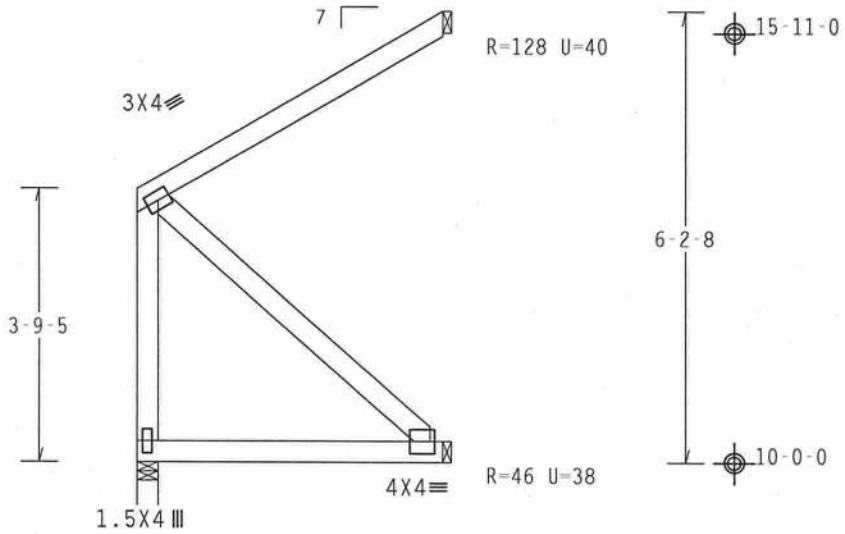
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

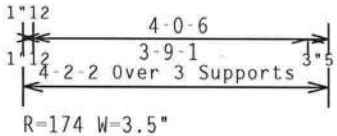
Left end vertical not exposed to wind pressure.

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

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31986
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298008
BC LL	0.0 PSF		HC-ENG CC/AP *
TOT.LD.	40.0 PSF	SEQN-	57001
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

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

110 mph wind, 20.28 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

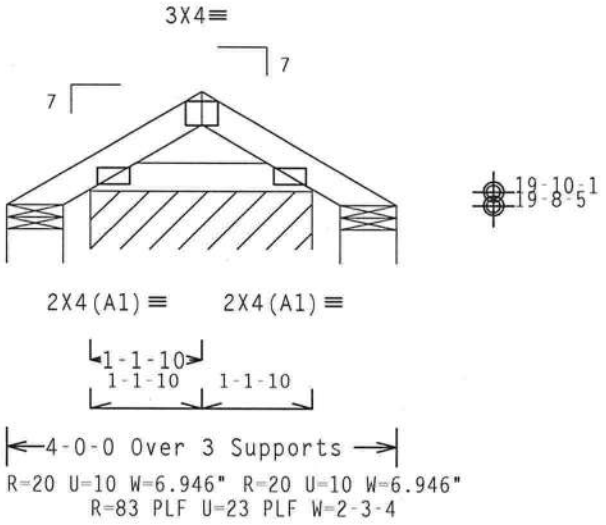
Wind reactions based on MWFRS pressures.

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

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

TC - From	63 PLF	at	0.00	to	63 PLF	at	2.00
TC - From	63 PLF	at	2.00	to	63 PLF	at	4.00
BC - From	4 PLF	at	0.00	to	4 PLF	at	4.00

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 1 QTY:12 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25,07

TC LL	20.0 PSF	REF	R8228- 31987
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298009
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	57181
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - PB5)

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

110 mph wind, 20.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

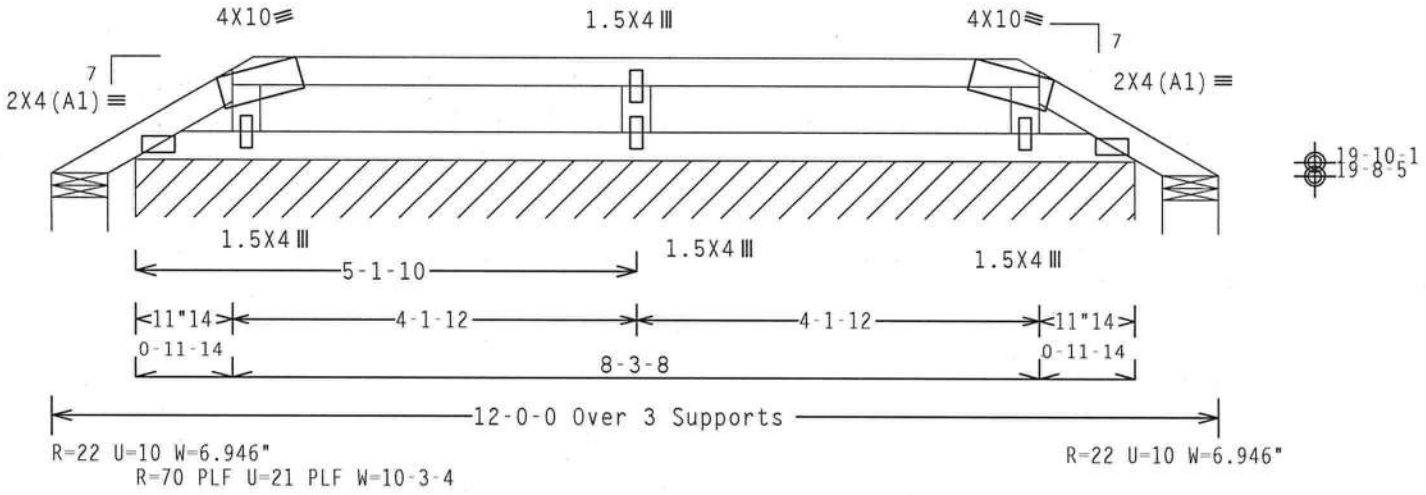
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 2.07
TC - From 63 PLF at 2.07 to 63 PLF at 9.93
TC - From 63 PLF at 9.93 to 63 PLF at 12.00
BC - From 4 PLF at 0.00 to 4 PLF at 12.00

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.33.0114.10 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25,2007

TC LL	20.0 PSF	REF	R8228- 31988
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298010
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	19603 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - PB4)

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

110 mph wind, 21.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

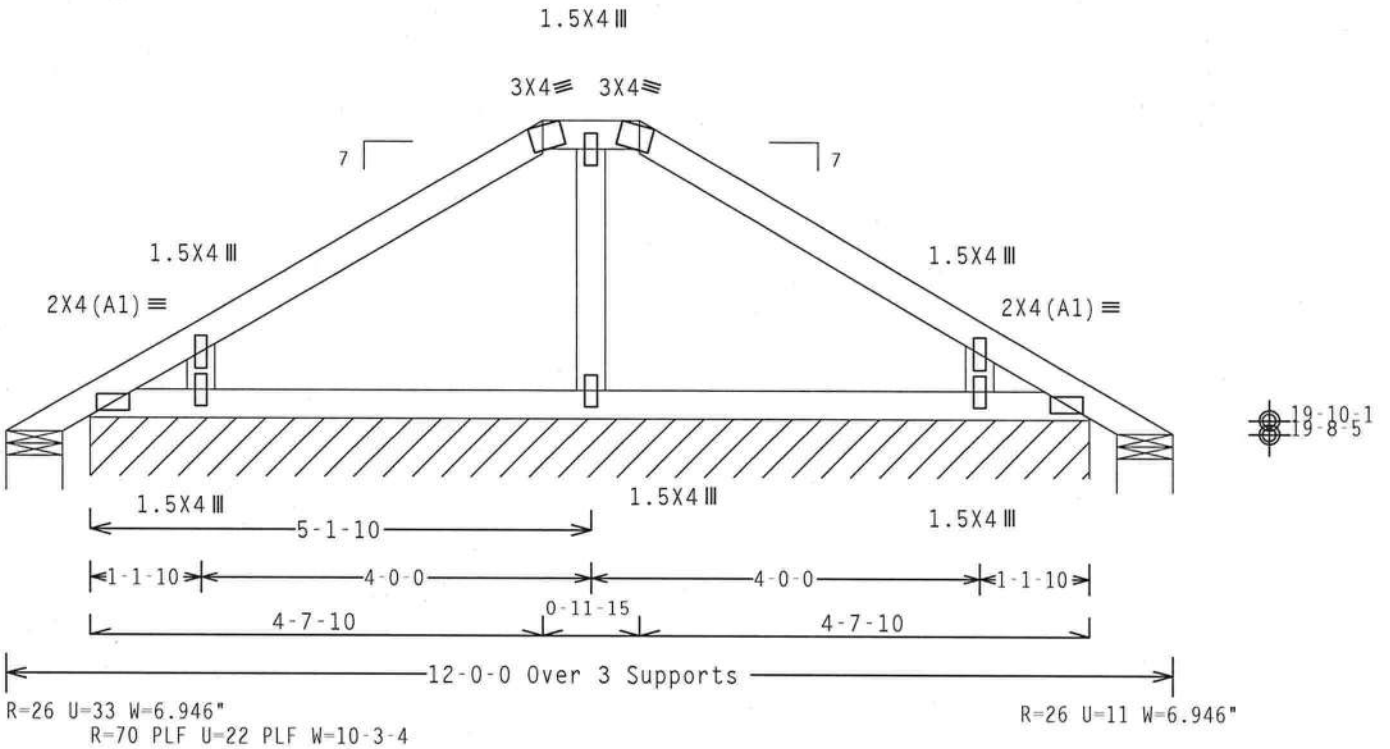
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

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

TC - From	63 PLF	at	0.00	to	63 PLF	at 5.50
TC - From	63 PLF	at	5.50	to	63 PLF	at 6.50
TC - From	63 PLF	at	6.50	to	63 PLF	at 12.00
BC - From	4 PLF	at	0.00	to	4 PLF	at 12.00

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 32212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31989
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298011
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEQN-	56926
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - PB3)

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

110 mph wind, 21.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

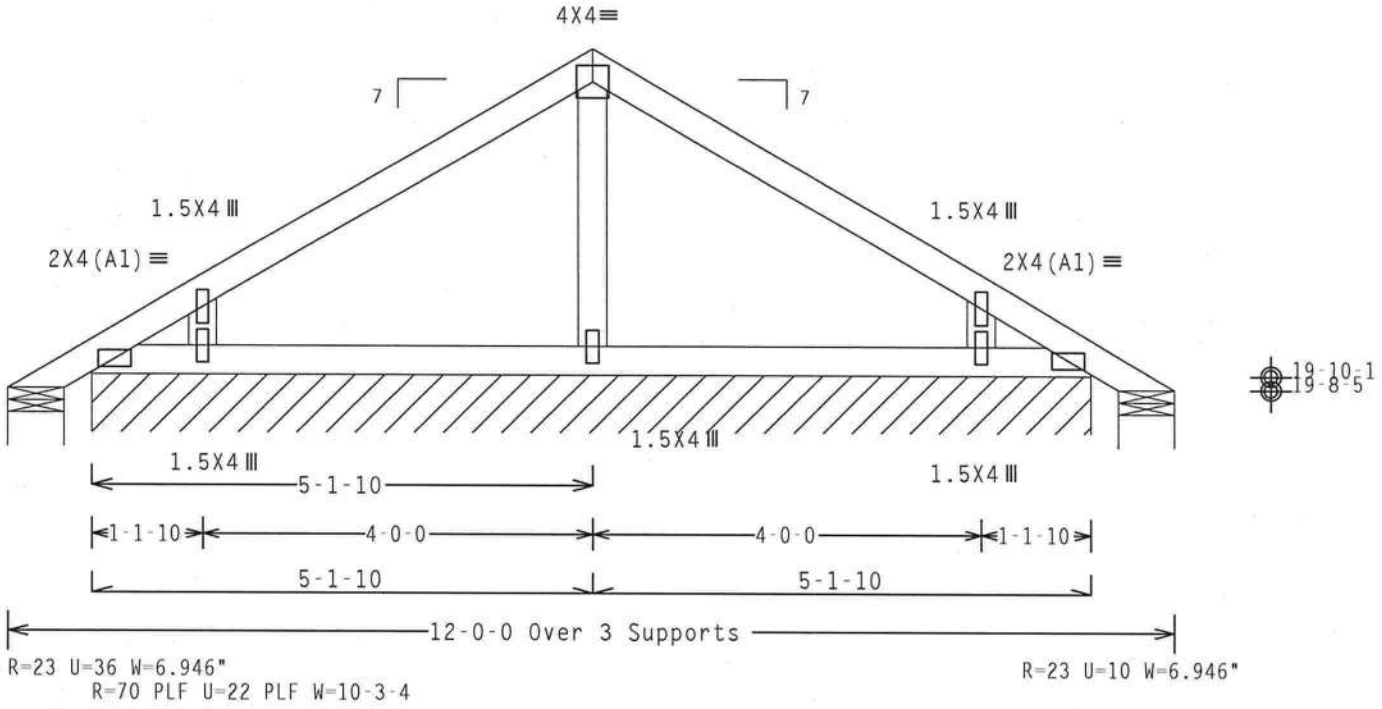
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 6.00
TC - From 63 PLF at 6.00 to 63 PLF at 12.00
BC - From 4 PLF at 0.00 to 4 PLF at 12.00

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.33.0114 10 QTY:3 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Oct 25 07

TC LL	20.0 PSF	REF	R8228- 31990
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298012
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	19606 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

(7-303--WADE WILLIS CONSTRUCTION Hollingsworth -- , ** - PB2)

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

110 mph wind, 20.69 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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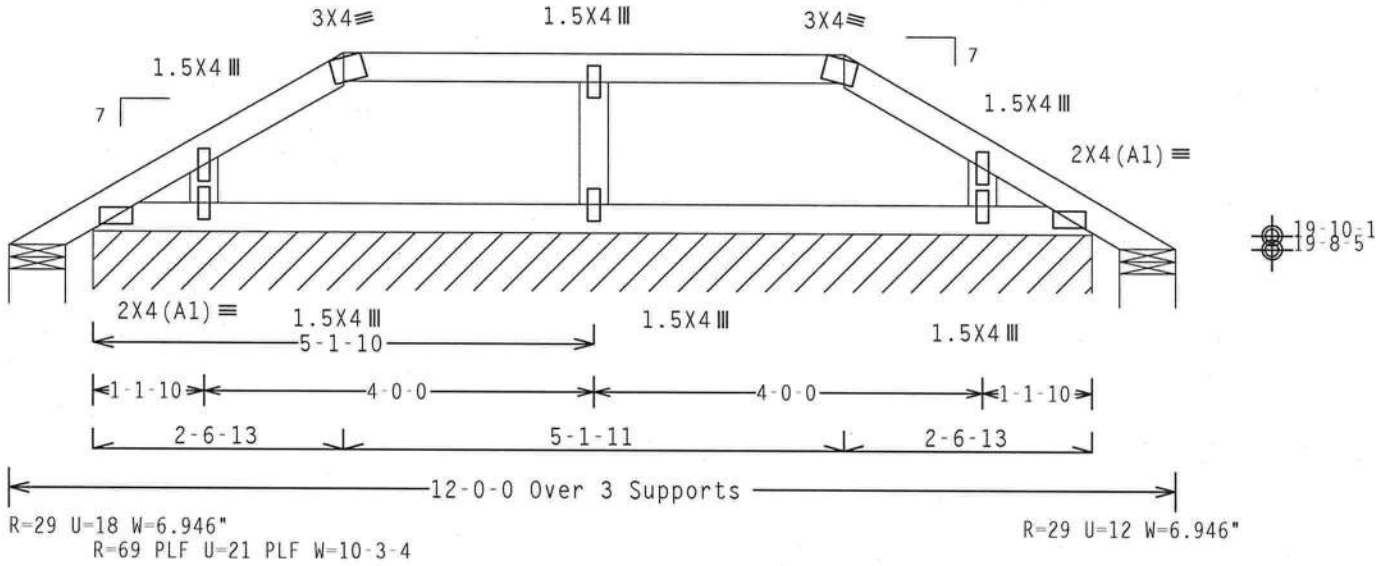
See DRW HCUSR001 02086006 for piggyback details. Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 3.43
TC - From 63 PLF at 3.43 to 63 PLF at 8.57
TC - From 63 PLF at 8.57 to 63 PLF at 12.00
BC - From 4 PLF at 0.00 to 4 PLF at 12.00

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.36.0424 10 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Oct 25,07

TC LL	20.0 PSF	REF	R8228- 31991
TC DL	10.0 PSF	DATE	10/25/07
BC DL	10.0 PSF	DRW	HCUSR8228 07298045
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	56934
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TBW8228Z01

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

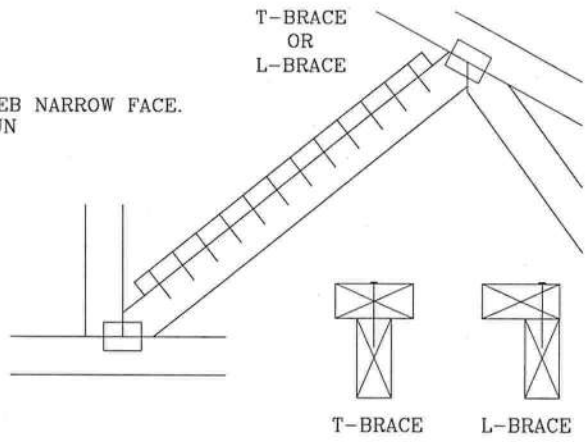
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

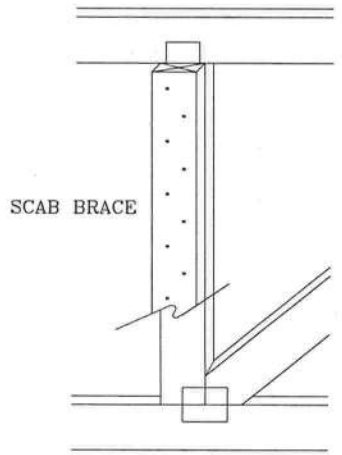
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C. BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

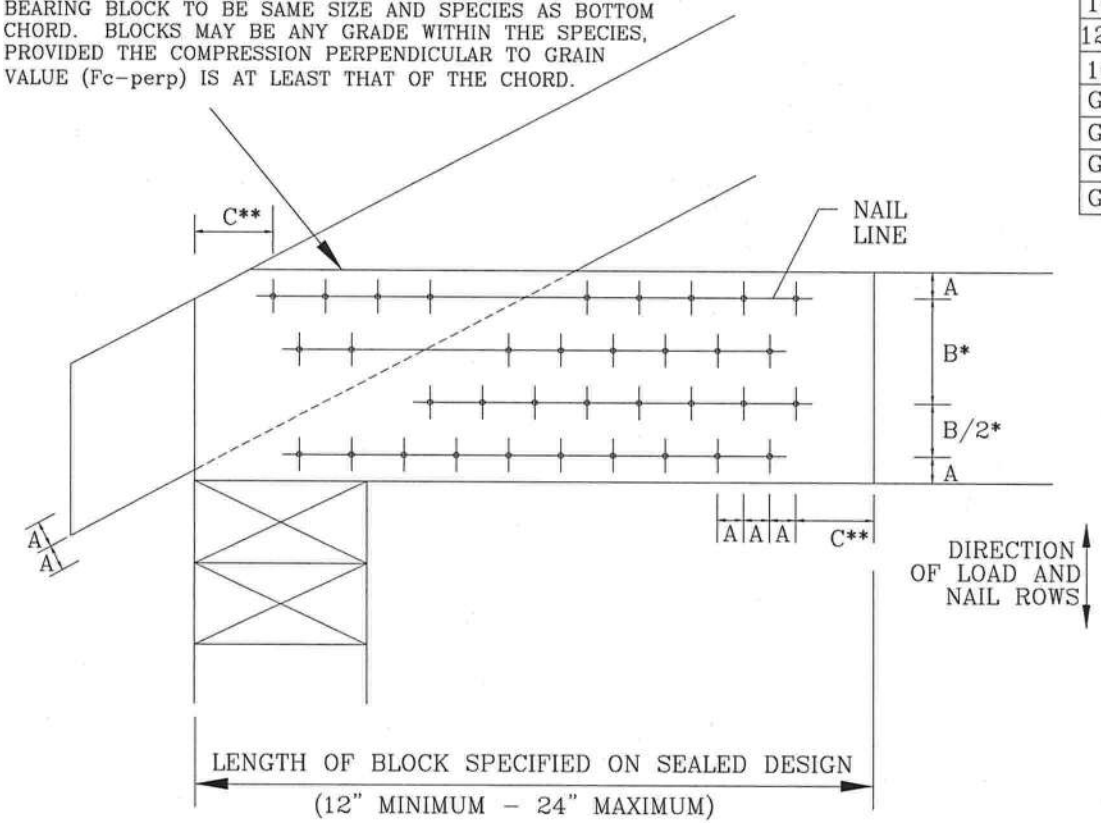
BEARING BLOCK NAIL SPACING DETAIL

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

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

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

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



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

MINIMUM NAIL SPACING DISTANCES

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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

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

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W,K/SS) 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 (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGBLK0207
-ENG	SJP/KAR

(PIGGYBACK -)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

TOP CHORD 2x4 SP SP #2N
BOT CHORD 2x4 SP #3 OR #2N
WEBS 2x4 SP #3

*,E (4) 0.131"X1.375" SCOTCH NAILS OR EQUAL IN EACH MEMBER. TRULOX PLATE TO BE APPLIED TO EACH FACE AT 2'0" O.C. MAXIMUM SPACING. REFER TO DRAWING 142 FOR TRULOX INFORMATION. PLATES ON THE FRONT FACE OF TRUSS MAY BE OFFSET FROM THE PLATES ON THE BACK FACE AS LONG AS PLATES ARE SPACED 4'0" OC. MAX.

NOTE: PIGGYBACK VERTICALS TO BE SPACED AT 4'0" O.C. MAXIMUM.

** MAXIMUM SIZE OF 2X12, #2 HEM-FIR OR BETTER.

E - 4X6 ALPINE, 3X6 TRULOX AT 2'0" OC. MAX.

++ PIGGYBACY BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH W1.5X3 ALPINE.

* - 3X8 TRULOX PLATE OR ALPINE PIGGYBACK SPECIAL PLATE (SEE DRWG. 847.847)

TRUSSES BUILT PER THIS DETAIL DESIGNED TO BE USED FOR THE FOLLOWING:
140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-98, PART. ENC.BLDG, CAT II, EXP C.

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC.BLDG, CAT II, EXP C.

NOTE: THIS DETAIL MAY ALSO BE USED FOR A MONO OR HIP-MONO PIGGYBACK USING A TYPE-C PLATE AT THE HIGH END. AND END VERTICAL WHICH IS GREATER THAN 6-0-0 IN LENGTH AND EXPOSED TO WIND MUST BE VERIFIED BY ALPINE ENGINEERED PRODUCTS.

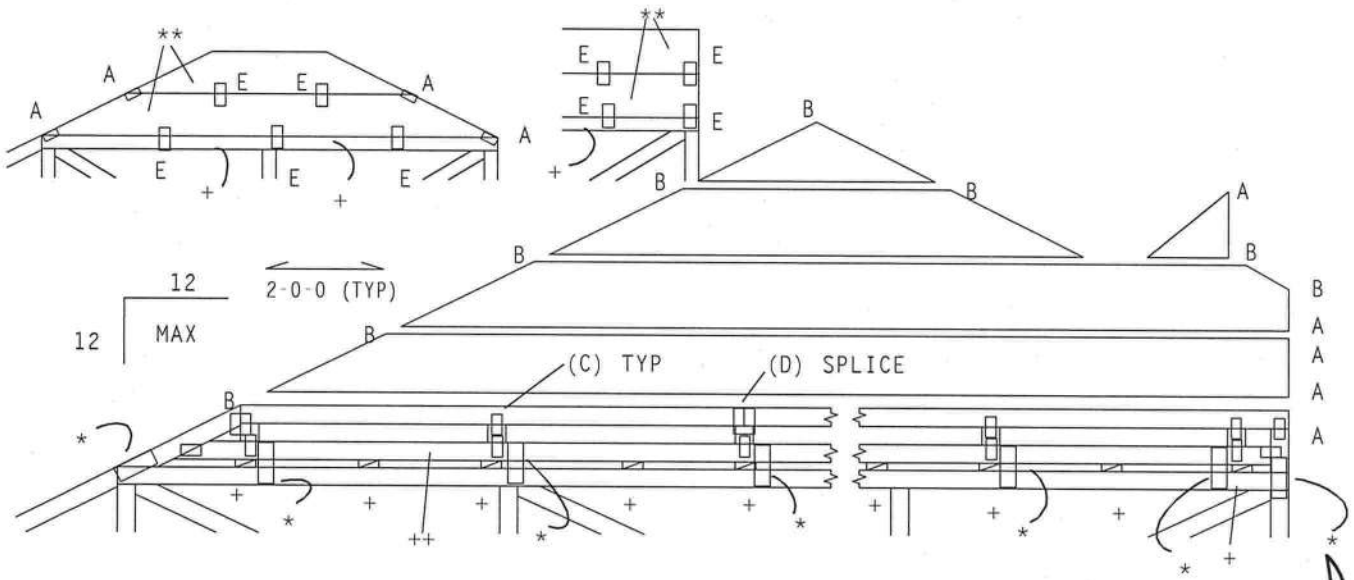
NOTE: TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" OC. MAX SPACING. ATTACH TO TOP SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS.
OR
1X4 CONTINUOUS LATERAL BRACING AT 24" OC. MAX. SPACING. ATTACH TO BOTTOM SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS. BOTTOM CHORD OF PIGGYBACK SHOULD REST DIRECTLY ON THE TOP CHORD OF THE SUPPORTED TRUSS.

NOTE: BRACING MATERIAL IS TO BE ATTACHED TO A SUITABLE SUPPORT AT EACH END, AND MUST BE #3 HEM-FIR OR BETTER.

JOINT TYPE	SPANS UP TO 30'0"	34'0"	38'0"	42'0"
A	W2X4	W2X5	W3X4	W3X5
B	W5X4	W5X5	W5X5	W5X5
C	W1X3	W1X3	W1.5X3	W1.5X3
D	W5X4	W5X4	W5X5	W5X5

WEB BRACING
UP TO 7'9" — NO BRACING
7'9" TO 12'3"-1X4 "T" BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 8D NAILS AT 6" OC.
12'3" TO 14'0"-2X4 "T" BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 16D NAILS AT 4" OC.



42-0-0 MAXIMUM PIGGYBACK SPAN

ALTERNATE LOADING:

TCLL	20	30 PSF
TCDL	20	15 PSF
BCDL	10	10 PSF
TOTL	50	55 PSF
	1.25	1.33

OR

R1: REVISED FOR ASCE 7-02.
DLJ 09/30/2005

DETAIL: 140PB

PLT TYP. High Strength,Wave TPI-95 Design Criteria: TPI(STD) QTY:1 HI/-/1/-/-/R/-

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

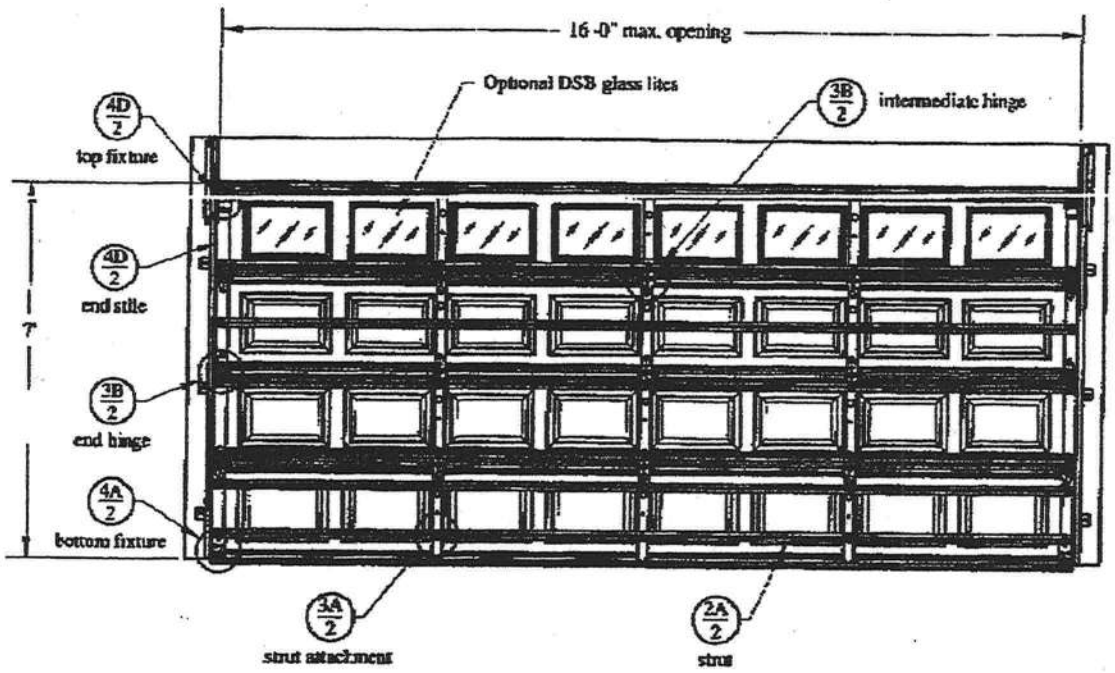
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) 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 PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
09/29/07

TC LL	30.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	47.0 PSF
DUR.FAC.	1.33
SPACING	24.0"

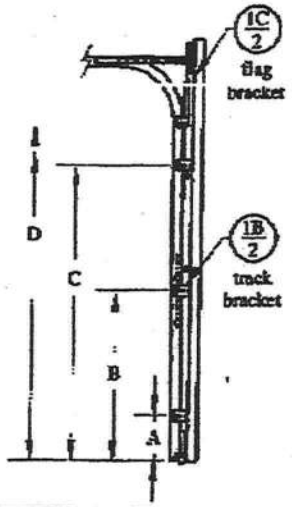
REF	R001-- 0
DATE	03/27/02
DRW	HCUSR001 02086006
	HC-ENG DLJ/DLJ
SEQN	- 24938
	JREF- 1SQV001 R38



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

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

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



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

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

This door has been tested in accordance with ANSI/DASMA 108-2002
Design Pressure (DP): 18.5 pos / 20.7 neg
Test Pressure (TP): 27.8 pos / 31.1 neg

Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of;
V= 110 MPH for Exposure B and mean roof height of 33' or less
V= 93 MPH for Exposure C and mean roof height of 30' or less

Maximum door size: 16'-0" wide by 14'-0" tall

Glazing and door have not been tested for windborne debris.

Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

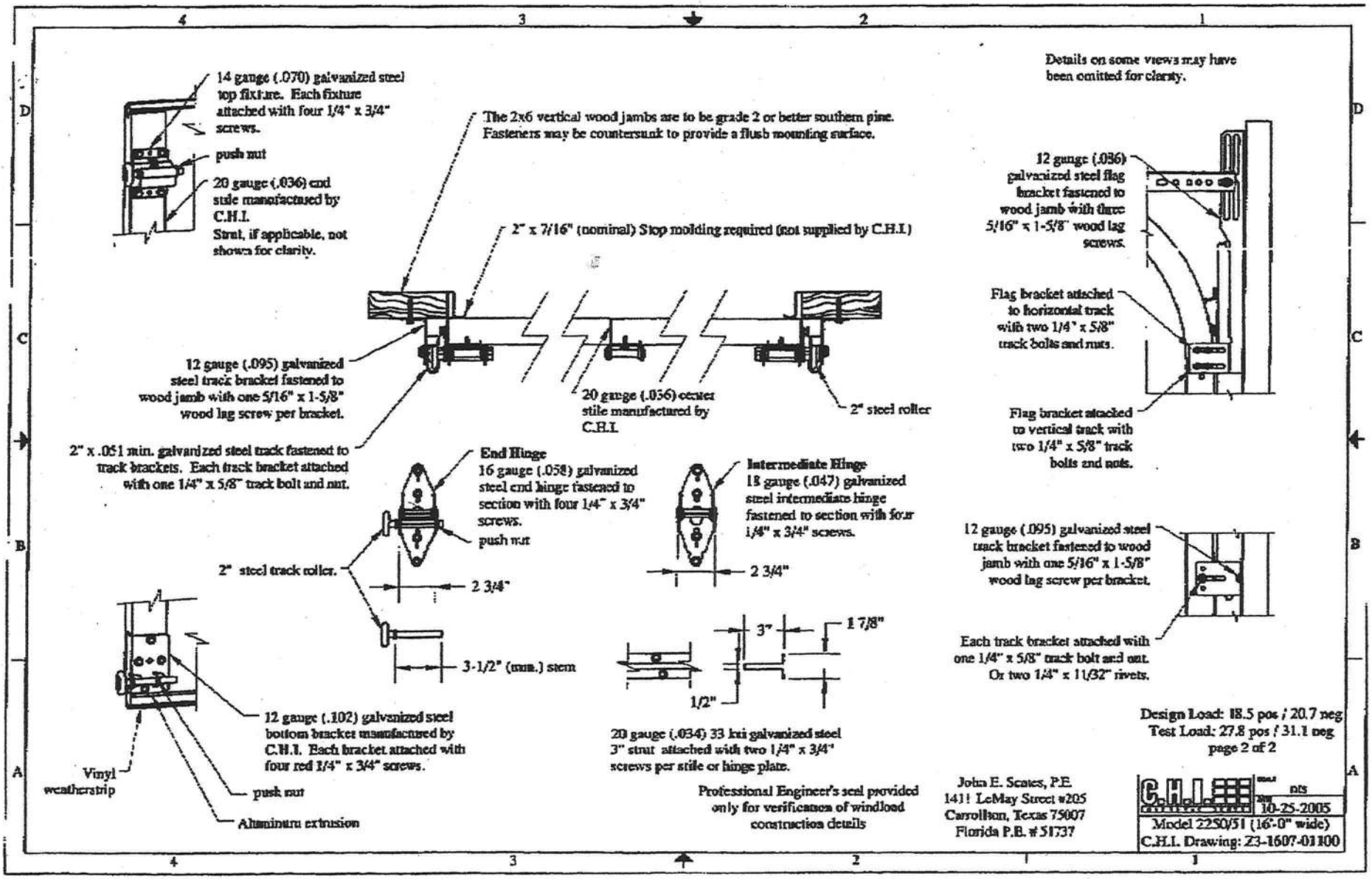
If door is not electrically operated, a lock must be installed.

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

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

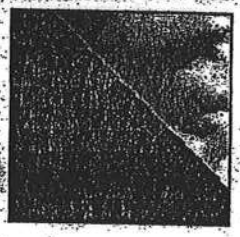
FL 5519

C.H.I. a/s
10-25-2005
Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100


14 gauge (.070) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.
push nut
20 gauge (.036) end stile manufactured by C.H.I.
Strut, if applicable, not shown for clarity.
The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.
2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)
12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.
20 gauge (.036) center stile manufactured by C.H.I.
2" steel roller
2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.
End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.
push nut
2" steel track roller.
2 3/4"
3-1/2" (nom.) stem
Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.
2 3/4"
3"
1 7/8"
1/2"
20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.
12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.
Vinyl weatherstrip
push nut
Aluminum extrusion
Details on some views may have been omitted for clarity.
12 gauge (.036) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.
Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.
Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.
12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.
Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.
Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2
Professional Engineer's seal provided only for verification of windload construction details
John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737
C.H.I.
scale NTS
date 10-25-2005
Model 2250/51 (16'-0" wide)
C.H.I. Drawing: 23-1607-01100

ELK

PRESTIQUE®
HIGH DEFINITION®



RAISED PROFILE®

Prestique Plus *High Definition* and Prestique Gallery Collection

Product size 13¼" x 39⅜"
Exposure 5⅝"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 11

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

Prestique I *High Definition*

Product size 13¼" x 39⅜"
Exposure 5⅝"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 14

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

Prestique *High Definition*

Product size 13¼" x 38⅜"
Exposure 5⅝"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

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

Raised Profile

Product size 13¼" x 38⅜"
Exposure 5⅝"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 8⅝"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/*FLX*™

Size: 13"x13¼"
Exposure: 9⅞"
Pieces/Box: 28
Coverage: 5 boxes = 100 linear feet

Elk Starter Strip

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

Available Colors (Check Availability): Antique Slate, Weatherwood, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood.
Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

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

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

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

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

*See actual limited warranty for conditions and limitations.
** Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climate Self-Adhering Underlayment in all valleys. Additionally, Elk All-Climate Self-Adhering Underlayment is required along the rake and eave edges of the roof in and south of the states of VA, KY, MO, KS, CO, UT, NV, & OR.
*** For a limited Wind Warranty up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grand, at least six (6) properly placed NAILS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

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

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

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

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater, apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes(4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

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

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

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

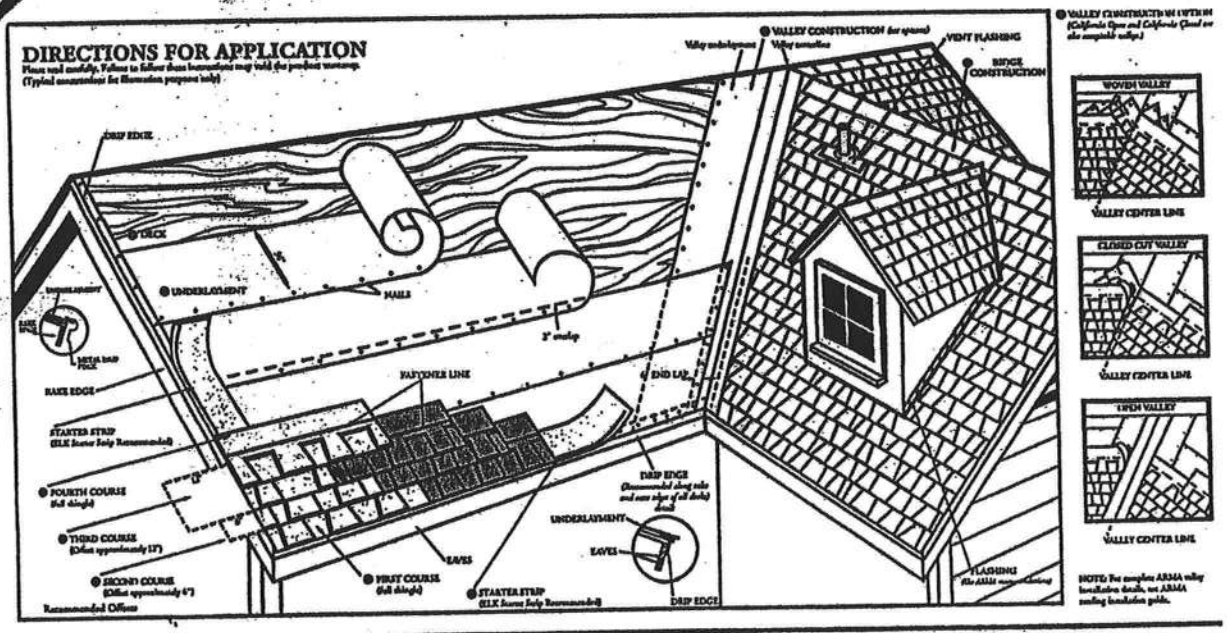
SOUTHEAST & ATLANTIC OFFICE:
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

ELK
The Premium Choice
www.elkcorp.com

SS00T 06/04



DIRECTIONS FOR APPLICATION

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

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

❷ UNDERLAYMENT

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

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

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

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

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

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

❸ STARTER SHINGLE COURSE

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

❹ FIRST COURSE

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

❺ SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6". Other offsets are approved if greater than 4".

❻ THIRD COURSE

Offset the next course by 6" with respect to the second course, or consistent with the original offset.

❼ FOURTH COURSE

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

FIFTH AND SUCCEEDING COURSES.

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

❽ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

❾ RIDGE CONSTRUCTION

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

FASTENERS

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

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

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

STAPLES: Corrosive resistant, 18-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

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

MANSARD APPLICATIONS

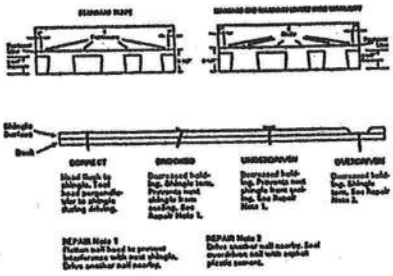
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

LIMITED WIND WARRANTY

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

HELP STOP BLOW-OFFS AND CALL-BACKS

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



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

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

ELK
The Premium Choice®
www.elkcorp.com

American Title Services
08-062

Permit # 26711

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

THE UNDERSIGNED hereby gives notice that improvements 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.

1. Description of property:
Lot 55, of EMERALD COVE PHASE 2, according to the Plat thereof, as recorded in Plat Book 8, at Page 68 and 69, of the Public Records of Columbia County, Florida.

2. Description of Improvements: Construction of Single Family Residence

3. Owner Information:

   a. Name and Address: **Mary Kathryn Hollingsworth**
   310 SW Green Acres Way
   Lake City, FLORIDA 32024

Inst:200812002506 Date:2/8/2008 Time:10:11 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

   b. Interest in Property: Fee Simple

   c. Name and Address of Fee Simple Title Holder (if other than Owner)

4. Contractor Name and Address: **Wade Willis Construction LLC**
PO Box 1546
Lake City, FL 32056

5. Other Contractor(s) Name and Address:

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Teague
Deputy Clerk
Date 02-08-2008

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

6. Surety: N/A

7. Lender: **Columbia Bank**
4785 W. US Highway 90
Lake City, FLORIDA 32055

8. Persons within the Sate of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., Florida Statutes: N/A

9. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in section 713.13(1)(b), Florida Statutes: N/A

10. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified):

Mary Kathryn Hollingsworth
Mary Kathryn Hollingsworth

Sworn to and subscribed before me this **7th day of February, 2008**

Megan M. Marsh
Notary Public, State of **FLORIDA**
At Large

My Commission Expires:________________

26711

GTC DESIGN GROUP

GTC Design Group, LLC
176 NW Lake Jeffery Road
Lake City, FL 32643
(Phone) 386.719.9985
(Fax) 386.719.8828
cwilliams@gtcdesigngroup.com

Finish Floor Elevation Certification

Contractor: **Wade Willis Construction**

Owner: **Robert & Kathryn Hollingsworth**

Description: **Emerald Cove - Lot 55**

Parcel Number: **33-3S-16-02438-155**

For protection against water damage, the minimum finish floor elevation of the proposed structure shall be 12 inches above the existing ground at any point along the perimeter of the proposed structure. Donald F. Lee and Associates verified the "Top of Slab" elevation to be 0.49' above the centerline of adjacent county road which will not increase flood hazards.

The ground around the proposed structure shall be graded such as to convey all stormwater runoff away from the proposed structure.

2-29-08

Chad Williams
P.E. License Number: 63144
February 29, 2008

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 33-3S-16-02438-155 **Building permit No.** 000026711

Use Classification SFD/UTILITY **Fire:** 19.26

Permit Holder WADE WILLIS **Waste:** 50.25

Owner of Building MARY KAY HOLLINGSWORTH **Total:** 69.51

Location: 385 SW FIELDSTONE COURT, LAKE CITY, FL

Date: 07/21/2008

John D. Kerce

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Prevention for Subterranean Termites

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

Live Oak PEST CONTROL, INC.
A locally owned company serving you since 1972

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

#26711

EMERALD COVE / HOLLINGSWORTH
Address of Treatment or Lot/Block of Treatment

2/27/08	8:30	JEFF
Date	Time	Applicator
TERMIDOR	FIPRONIL	300
Product Used	Chemical used *(active ingredient)*	Number of gallons applied
.12	3665	280
Percent Concentration	Area treated *(square feet)*	Linear feet treated

HORIZONTAL / VERTICAL INITIAL
Stage of treatment *(Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)*

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

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