DATE 06/04/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027855

APPLICANT TRAVIS LAMONDA PHONE 352 732-2322

ADDRESS 224 NW 9TH ST OCALA FL 34475

OWNER JON & MELISSA ABELS PHONE 344-7742

ADDRESS 240 SW OSCEOLA PLACE LAKE CITY FL 32025

CONTRACTOR ERIC EHRLUND PHONE 352 732-2322

LOCATION OF PROPERTY BAYA, TL OLD COUNTRY CLUB RD., TR LLEWELLYN, TL OSCEOLA, LAST LOT ON RIGHT

TYPE DEVELOPMENT REPAIR OF SFD ESTIMATED COST OF CONSTRUCTION 89500.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES 1

FOUNDATION WALLS ROOF PITCH FLOOR

LAND USE & ZONING RSF-2 MAX. HEIGHT

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

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

PARCEL ID 03-4S-17-07560-000 SUBDIVISION OAK HILL ESTATES

LOT 8 BLOCK PHASE UNIT TOTAL ACRES 0.44

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC042165	

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	X09-149	CS	HD	N

COMMENTS: NOC ON FILE, HOUSE DAMAGED BY A TREE THAT HE CUT DOWN HIMSELF

Check # or Cash 5050

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 Insulation 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 Pool date/app. by

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

Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by

Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 450.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 500.00

INSPECTORS OFFICE Gale Tedder 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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

CK# 5050

For Office Use Only Application # 0905-42 Date Received _____ By _____ Permit # 21855

Zoning Official CW Date 6/1/09 Flood Zone X Land Use RLD Zoning RSF-2

FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner HD Date 6-4-09

Comments _____

NOC ✓ EH ✓ Deed or PA ☐ Site Plan ✓ State Road Info ☐ Parent Parcel # _____

☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____

School _____ = TOTAL _____

Septic Permit No. X-09-149 Fax 352-732-8950 386-755-2726

Name Authorized Person Signing Permit Travis Lamonda Phone 352-732-2322 (o) 386-438-3201 (c)

Address 224 NW 9th street, ocala, FL 34475

Owners Name Jon & melissa Abels Phone 386-344-7742 JON 386-344-8271 melis

911 Address 240 SW osceola Place, Lake City, FL 32025

Contractors Name Eric Ehrlund Phone 352-732-2322

Address 224 NW 9th Street, ocala, FL 34475

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address BODO & ASSOC, P.O. Box 698, Gainesville, FL 32602

Mortgage Lenders Name & Address _____

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

Property ID Number 03-4S-17-07560-000 HX Estimated Cost of Construction 89,500.00

Subdivision Name Oak Hill Estates Lot 8 Block 78 Unit ____ Phase ____

Driving Directions From Court house - Take marion to Baya turn (L) Past old Country club - make a (R) on Llewellyn go to end of road and make (L) on Osceola - last lot on right house on (R) 240 osceola PL

Number of Existing Dwellings on Property 1

Construction of Damage due to tree Total Acreage .441 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height _____

Actual Distance of Structure from Property Lines - Front Redu as it was Side _____ Side exactly Rear _____

Number of Stories 1 Heated Floor Area 1548 Total Floor Area 2018 Roof Pitch 3/12

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

Columbia County Building Permit Application

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

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

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

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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.

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

Owners Signature

DL# A142-541-71-512-0
EXP: 01-12-2013

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

Contractor's Signature (Permitee)

Contractor's License Number CGC042165
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 22 **day of** MAY **20**09.

Personally known ✓ **or Produced Identification** _____

State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA
Gregory D. Roberts
Commission # DD566397
Expires: JUNE 20, 2010
BONDED THRU ATLANTIC BONDING CO., INC.

Revised 1-10-08

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 03-4S-17-07560-000 HX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	ABELS JON A & MELISSA A		
Site Address	OSCEOLA		
Mailing Address	240 SE OSCEOLA PL LAKE CITY, FL 32025		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	003417.01	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.441 ACRES		
Description	LOT 8 BLOCK 7 OAK HILL ESTATES REPLAT & LOT 8 BLOCK 8 OAK HILL ESTATES REPLAT ADD #1. ORB 476-135, 780-120, 901-1255 WD 1119-2346		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$31,050.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$81,248.00
XFOB Value	cnt: (5)	$3,540.00
Total Appraised Value		$115,838.00

Just Value		$115,838.00
Class Value		$0.00
Assessed Value		$115,838.00
Exemptions	(code: HX)	$50,000.00
Total Taxable Value		County: $65,838.00 | City: $65,838.00 Other: $65,838.00 | School: $90,838.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
5/18/2007	1119/2346	WD	I	Q		$150,900.00
4/25/2000	901/1255	WD	I	Q		$60,000.00
9/17/1993	780/120	WD	I	U	03	$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1963	Conc Block (15)	1548	2018	$81,248.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	0	$600.00	0000001.000	0 x 0 x 0	(000.00)
0294	SHED WOOD/	0	$140.00	0000001.000	0 x 0 x 0	(000.00)
0294	SHED WOOD/	0	$400.00	0000001.000	0 x 0 x 0	(000.00)
0180	FPLC 1STRY	2004	$2,300.00	0000001.000	0 x 0 x 0	(000.00)
0294	SHED WOOD/	2004	$100.00	0000001.000	0 x 0 x 0	(000.00)

Inst:200912009268 Date:6/4/2009 Time:1:40 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1174 P:1432

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 03-4S-17-07560-000 HX

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT**.

1. Description of property *(legal description)*: Lot 8 Block 7 OAK HILL estates & Lot 8 Block 8 OAK HILL estates
   a) Street *(job)* Address: 240 SE osceola PL, Lake City, FL 32025
2. General description of improvements: Damage to home caused by tree
3. Owner Information
   a) Name and address: Jon & melissa Abels
   b) Name and address of fee simple titleholder (if other than owner) N/A
   c) Interest in property owner
4. Contractor Information
   a) Name and address: Eric Ehrlund / Restoration Spec 224 NW 9th St ocala, FL, 34475
   b) Telephone No.: 352-732-2322 Fax No. (Opt.) 352-732-8950
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond: N/A
   c) Telephone No.: N/A Fax No. (Opt.) N/A
6. Lender
   a) Name and address: Castle Morgage Corp - P.O. Box 6660437, Vestavia Hills, AL 35266
   b) Phone No. N/A
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: Restoration Specialists - 224 NW 9th St ocala, FL 34475
   b) Telephone No.: 352-732-2322 Fax No. (Opt.) 352-732-8950
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: Restoration Specialists - 224 NW 9th St, ocala, FL 34475
   b) Telephone No.: 352-732-2322 Fax No. (Opt.) 352-732-8950
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: N/A

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [signature] DL# 142-541-71-512-0 EXP: 1-12-2013
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Melissa Abels
Print Name

The foregoing instrument was acknowledged before me , a Florida Notary, this 22 day of MAY, 2009, by:

MELISSA ABELS as OWNER **(type of authority, e.g. officer, trustee, attorney fact) for** MELISSA ABELS **(name of party on behalf of whom instrument was executed)**.

Personally Known ____ OR Produced Identification ✓ Type FL DL # 142-541-71-512-0

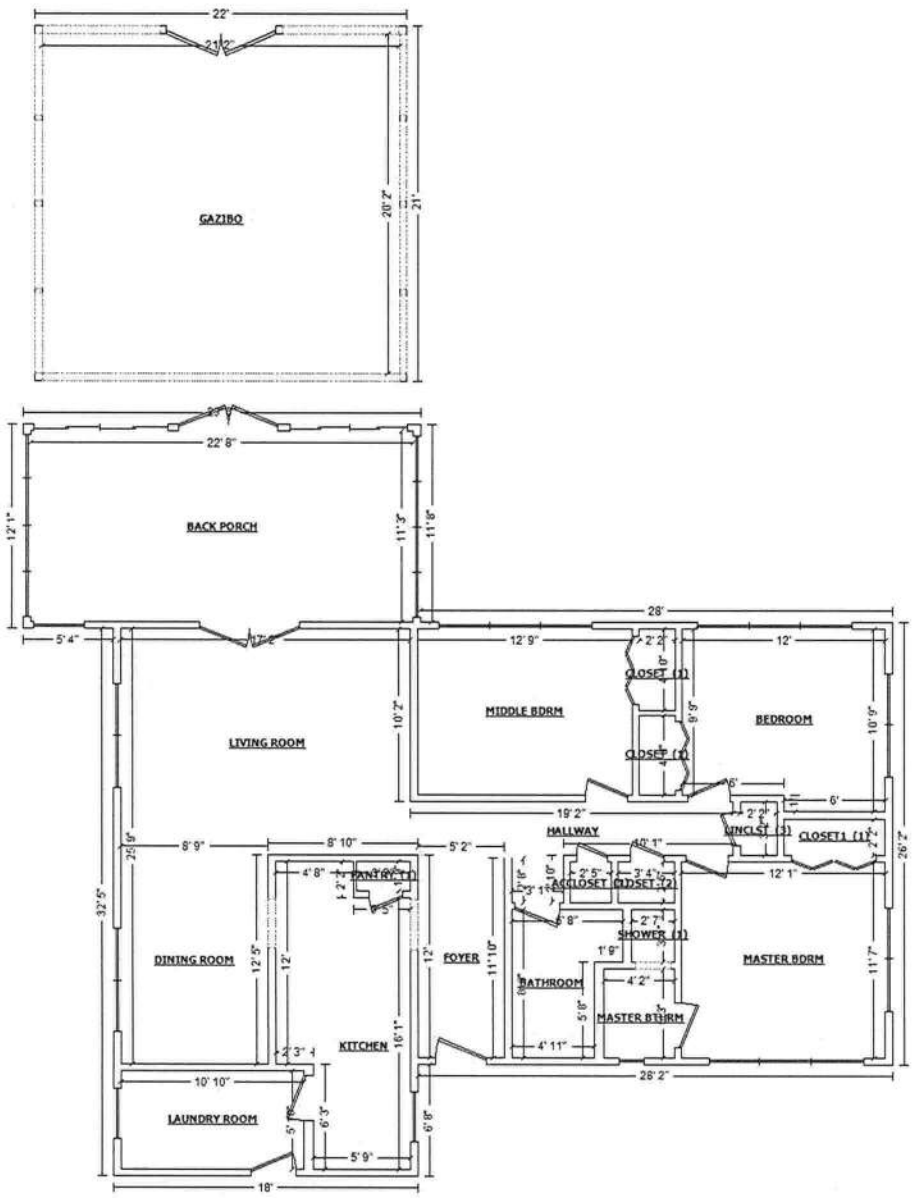
Notary Signature Gregory D Roberts Notary Stamp or Seal:

NOTARY PUBLIC-STATE OF FLORIDA
Gregory D. Roberts
Commission # DD566397
Expires: JUNE 20, 2010
BONDED THRU ATLANTIC BONDING CO., INC.

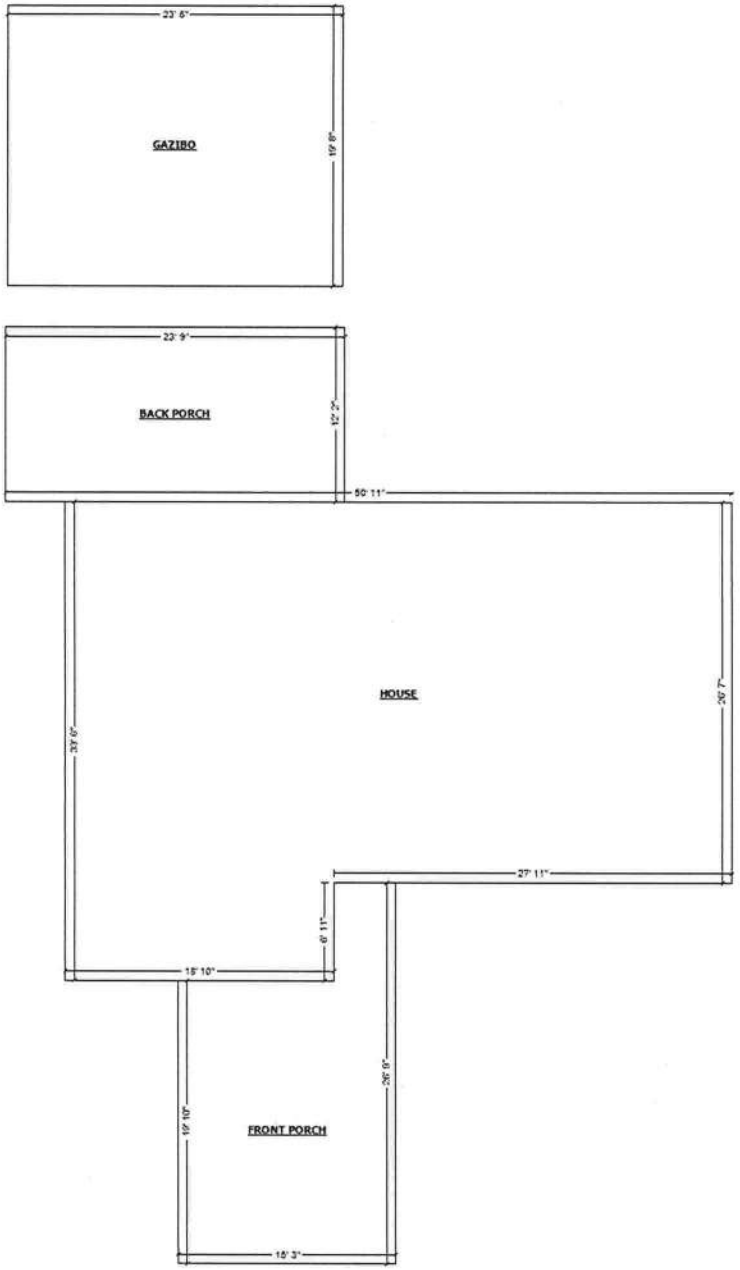
---AND---

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

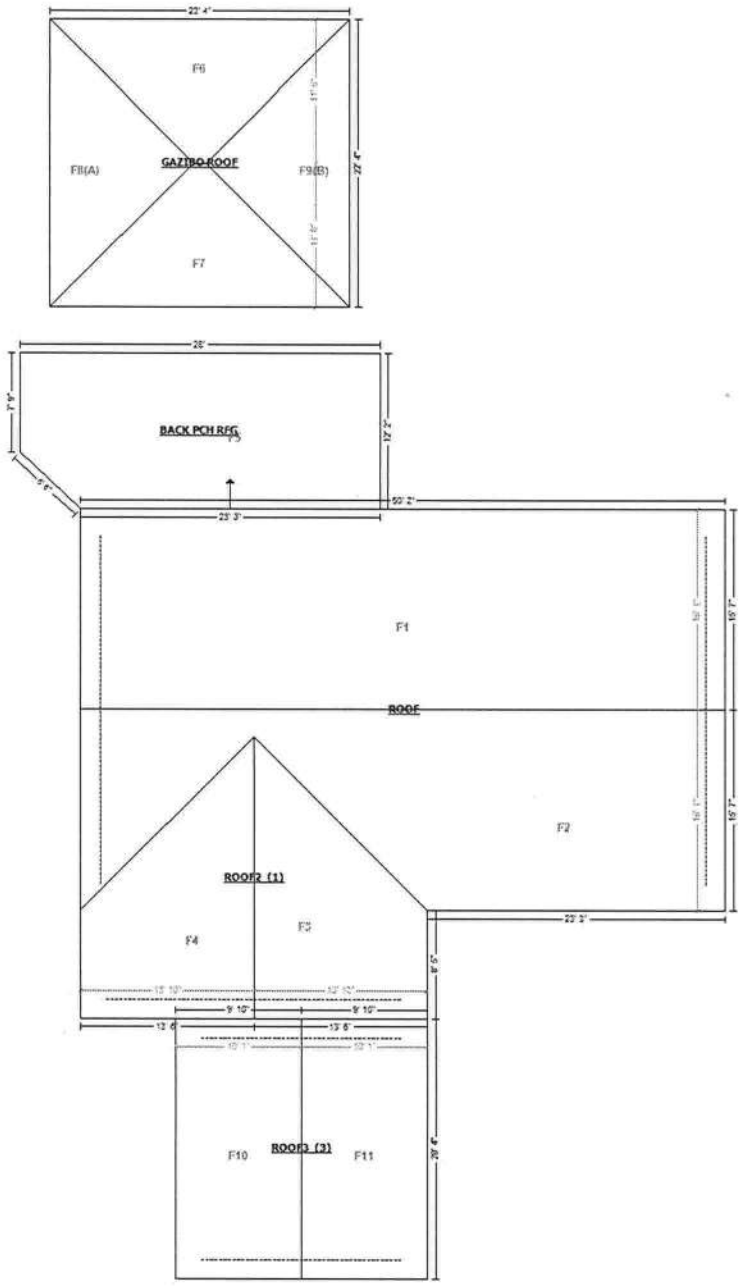
[signature]
Signature of Natural Person Signing (in line #10 above.)


22'
21 1/2"
GAZIBO
20' 2"
21'
22' 8"
BACK PORCH
12' 1"
11' 3"
11' 8"
28'
5' 4"
12' 9"
2' 2"
12'
CLOSET (1)
10' 2"
MIDDLE BDRM
BEDROOM
10' 9"
LIVING ROOM
CLOSET (1)
6'
19' 2"
2' 2"
6'
HALLWAY
UNCLST (3)
CLOSET1 (1)
26' 2"
25' 9"
8' 9"
8' 10"
5' 2"
40' 1"
4' 8"
PANTRY (1)
12' 1"
ACCLOSET
CLOSET (2)
32' 5"
2' 7"
SHOWER (1)
DINING ROOM
12' 5"
12'
FOYER
11' 10"
MASTER BDRM
BATHROOM
4' 2"
11' 7"
MASTER BTHRM
KITCHEN
16' 1"
4' 11"
28' 2"
10' 10"
LAUNDRY ROOM
6' 3"
6' 8"
5' 9"
18'

INTR HOUSE


23' 6"
GAZIBO
19' 8"
23' 9"
BACK PORCH
12' 2"
50' 11"
HOUSE
33' 0"
20' 7"
27' 11"
6' 11"
18' 10"
FRONT PORCH
19' 10"
26' 9"
15' 3"

N
EXTR HOUSE



FACE	SQ FT	# SQs
F1	805.82	8.06
F2	619.12	6.19
F3	210.11	2.10
F4	210.11	2.10
F5	330.18	3.30
F6	140.04	1.40
F7	140.04	1.40
F8	128.53	1.29
F9	128.53	1.29
F10	205.22	2.05
F11	205.22	2.05
Estimated Total:	3122.94	31.23

EXTR ROOF

BODO AND ASSOCIATES, INC.
Consulting Engineers
P. O. Box 698
Gainesville, FL 32602-0698
Tel.: 352.378.8806 email: bodoinc@aol.com Fax: 352.378.6488
State of Florida Certificate of Authorization No.: 2719

22 April 2009

Restoration Specialists
Attention: **Travis Lamonda**
224 NW 8th Avenue, Suite B
Gainesville, FL 32601

RE: **Damage Evaluation and Remediation**
Abels Residence, Lake City, Florida
Our Project No.: 5090114

Gentlemen:

Per your request and authorization, we visited the Abels residence, located at 240 SE Osceola Place in Lake City, Florida, on 18 April 2009 to assess structural damage. This letter report summarizes our findings and presents our recommendations for remediation.

Based on our observations and evaluation we offer the following for your consideration:

1. The structure is a one-story, single-family residence. Exterior walls are of concrete masonry construction. Roof framing consists of pre-engineered wood trusses at a nominal spacing of 24" o.c. The original porch has been enclosed and a new enclosed back porch has been added utilizing wood frame construction. For orientation purposes in this report, the front door is assumed to be on the north side.

2. A tree fell on the house generally from the southeast to the northwest. The impact destroyed the new enclosed porch, and caused extensive structural damage to the original enclosed porch and the roof framing of the house.

3. The structural integrity of the concrete masonry walls or the concrete floor slab was not affected by the impact. No significant cracking was visible at the time of our visit.

4. We recommend that the entire roof framing of the house, as well as the original and new enclosed porches be completely removed and replaced with new construction. The new construction should be designed in accordance with the current building code in effect at this location.

5. The new roof trusses should be attached to the existing bond beam course at the top of the existing masonry walls using connectors of adequate capacity to resist the uplift reactions. We will assist you, if desired, with selecting the specific connectors when the truss engineering becomes available.

6. Cosmetic repairs to damaged non-structural elements may be made after completion of structural repairs.

If you have any questions or require additional assistance, please feel free to call upon us. Thank you for the opportunity to be of service.

Sincerely,
BODO AND ASSOCIATES, INC.

Attila A. Bodo, P.E., President 4.22.09
Florida Licence No. PE 15834

ITW Building Components Group, Inc.

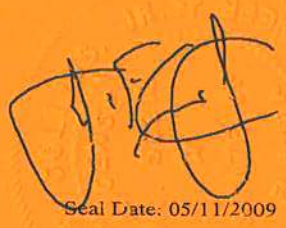
1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TRK8228Z0511154530

Truss Fabricator:	Anderson Truss Company
Job Identification:	9-108--Fill in later RESTORATION SPECIALIST -- , **
Truss Count:	21
Model Code:	Florida Building Code 2007 and 2009 Supplement
Truss Criteria:	FBC2007Res/TPI-2002(STD)
Engineering Software:	Alpine Software,Version 8.07.
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 7-05 -Closed

Notes:

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

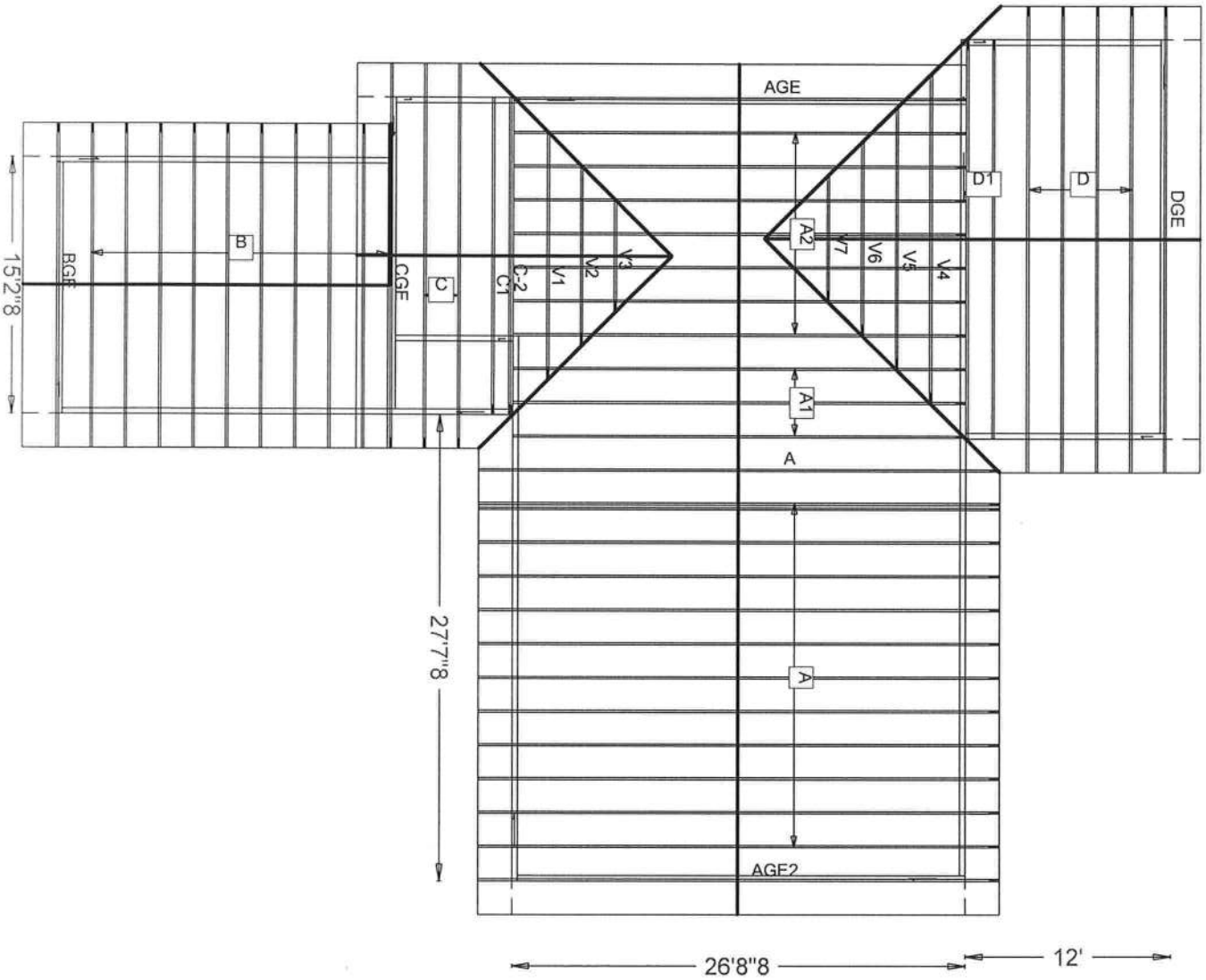
Details: VAL130-A1101505-GBLLETIN-



Seal Date: 05/11/2009

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

#	Ref	Description	Drawing#	Date
1	57118--V3		09131033	05/11/09
2	57119--A		09131034	05/11/09
3	57120--A1		09131035	05/11/09
4	57121--A2		09131045	05/11/09
5	57122--AGE2		09131046	05/11/09
6	57123--AGE		09131047	05/11/09
7	57124--B		09131036	05/11/09
8	57125--BGE		09131048	05/11/09
9	57126--C-2		09131049	05/11/09
10	57127--C		09131050	05/11/09
11	57128--C1		09131051	05/11/09
12	57129--CGE		09131052	05/11/09
13	57130--D		09131037	05/11/09
14	57131--DGE		09131053	05/11/09
15	57132--V1		09131038	05/11/09
16	57133--V2		09131039	05/11/09
17	57134--V4		09131040	05/11/09
18	57135--V5		09131041	05/11/09
19	57136--V6		09131042	05/11/09
20	57137--V7		09131043	05/11/09
21	57138--D1		09131044	05/11/09



PAGE NO:	JOB NO:	JOB DESCRIPTION:: Fill in later /: RESTORATION SPECIALIST
1 OF 1	9-108	

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V3)

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

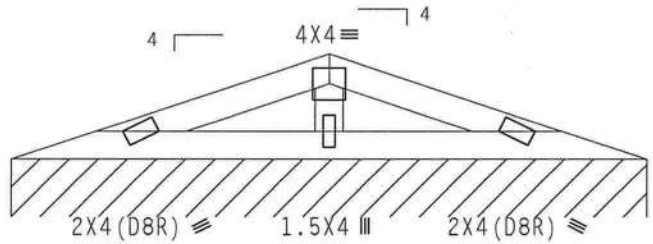
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



10-4-7

1-1-1

3-3-4 3-3-4

6-6-8 Over Continuous Support

R=81 PLF W=6-6-8

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]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 R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 11 09

TC LL	20.0 PSF	REF	R8228- 57118
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131033
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60388
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - A)

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

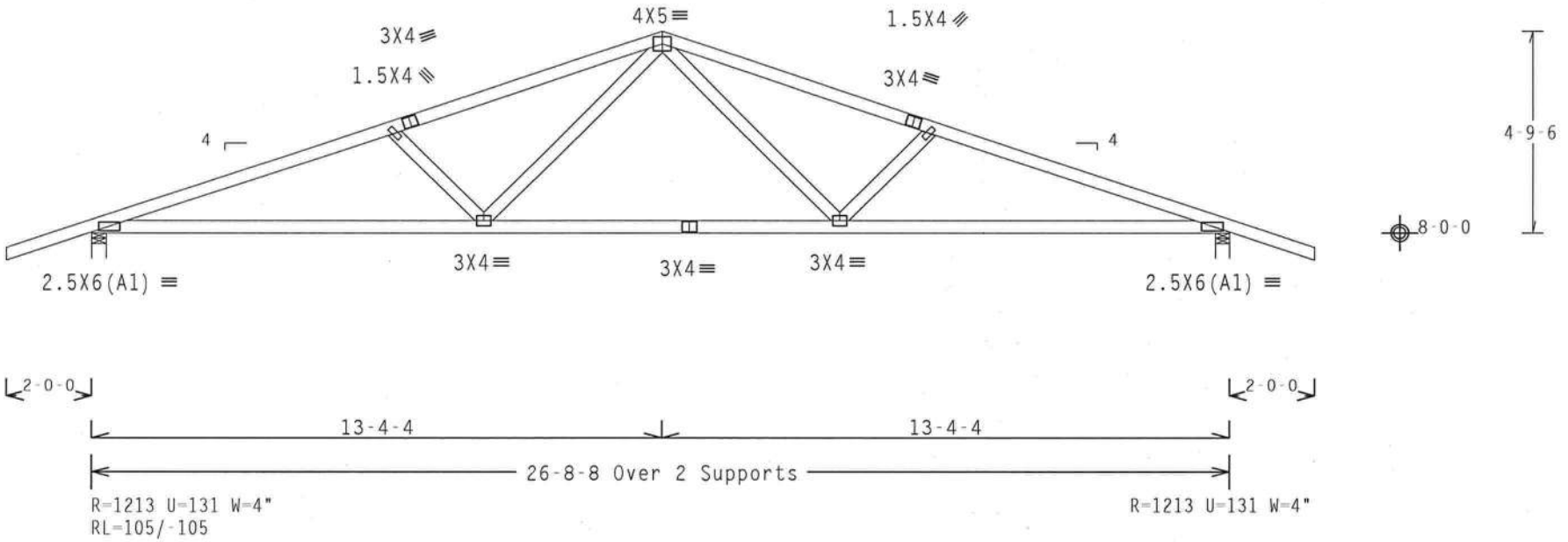
Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

FT/RT=20%(0%)/0(0) 8.07.00.10 QTY:13 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 57119
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131034
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60329
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - A1)

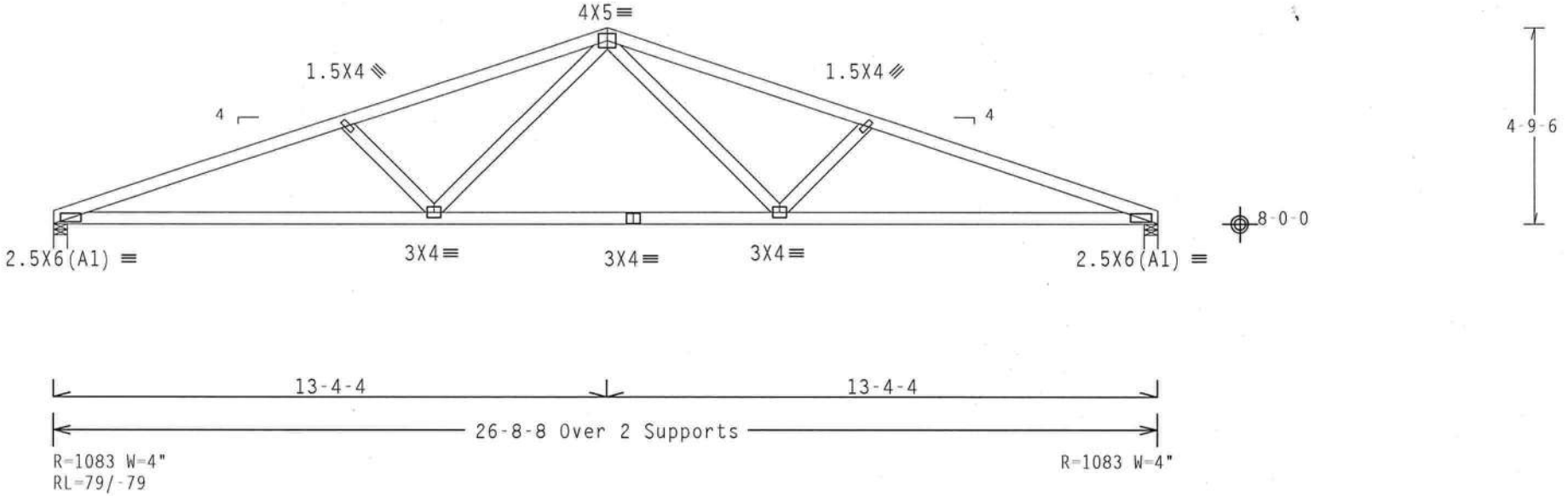
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave | FT/RT=20%(0%)/0(0) | 8.07.00 | QTY:3 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 57120
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131035
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60334
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - A2)

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

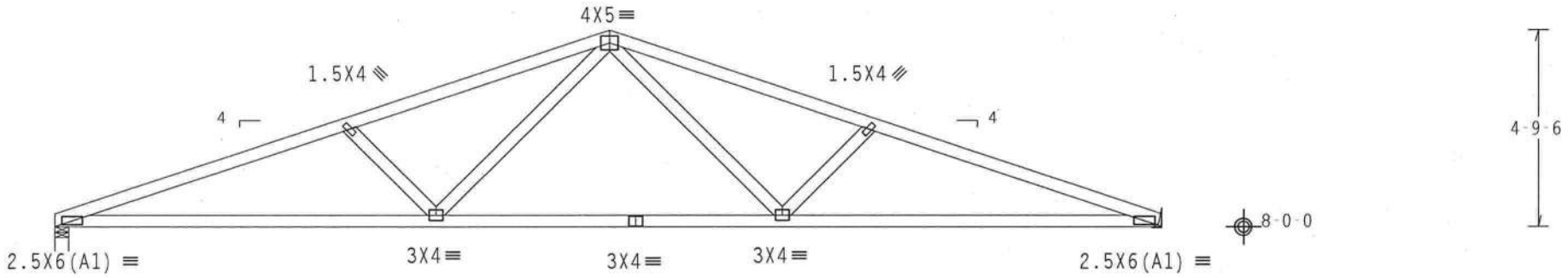
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.



13-4-4 | 13-4-4

26-8-8 Over 2 Supports

R=1084 U=106 W=4"
RL=79/-79

R=1082 U=106 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d, 0.148"x1.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.7 Rigid QTY:7 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 12,2009

TC LL	20.0 PSF	REF	R8228- 57121
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131045
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60343
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - AGE2)

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

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

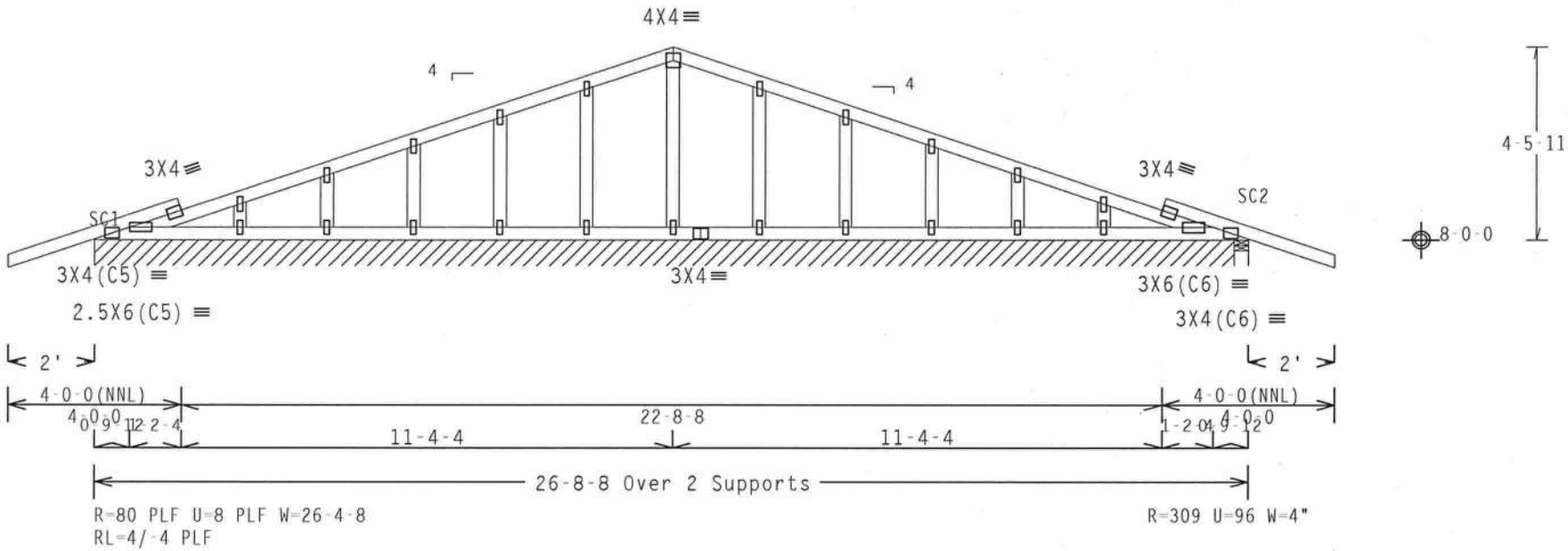
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

TC LL	20.0 PSF	REF	R8228- 57122
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131046
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60420
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - AGE)

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

Gable end supports 8" max rake overhang.

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

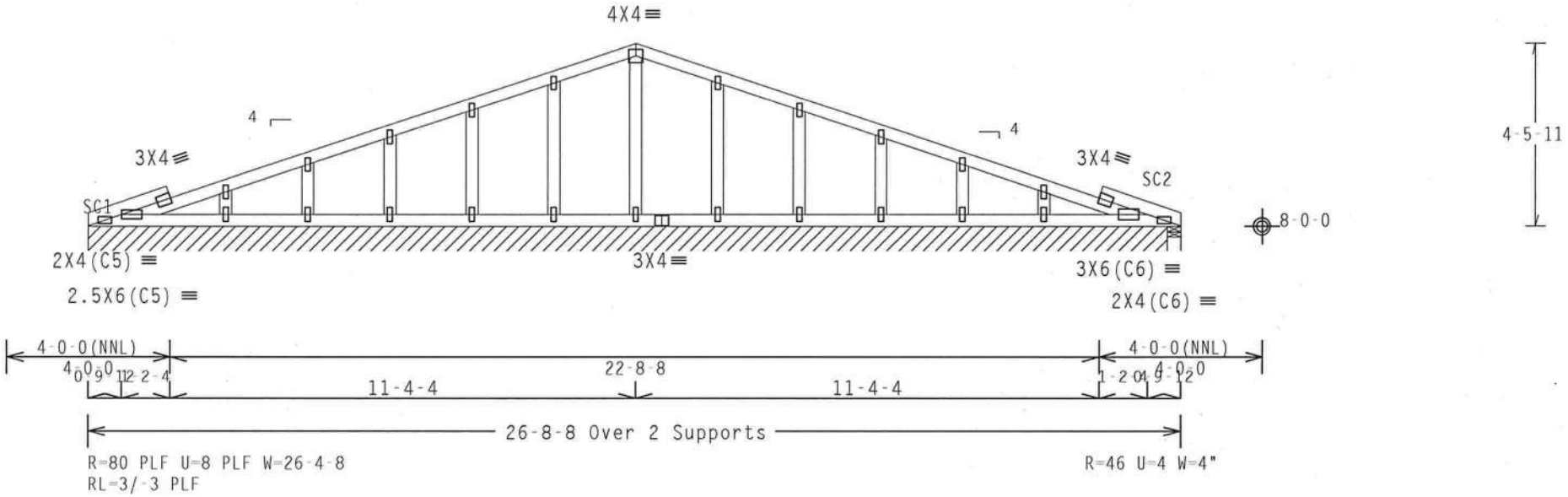
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Bottom chord checked for 10.00 psf non-concurrent live load.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]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 E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11, 09

TC LL	20.0 PSF	REF R8228- 57123
TC DL	10.0 PSF	DATE 05/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09131047
BC LL	0.0 PSF	HC-ENG DR/AP
TOT.LD.	40.0 PSF	SEQN- 60426
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - B)

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

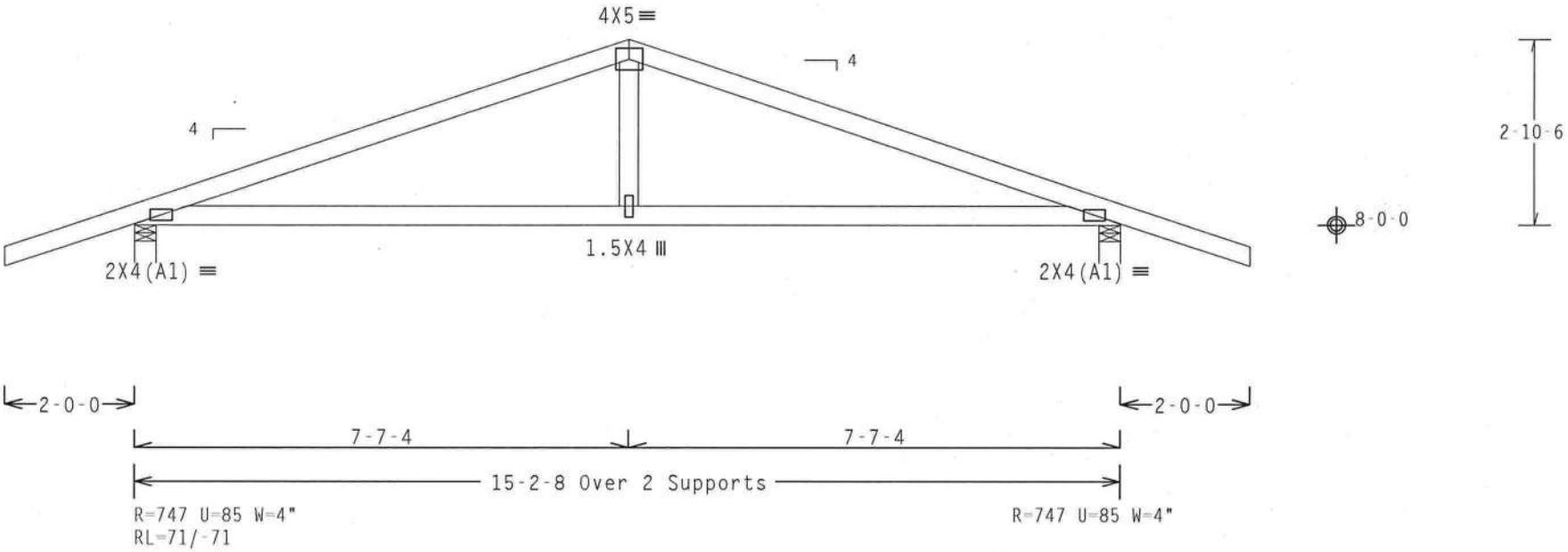
Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:10 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Co[illegible]278

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JAMES T. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May [illegible]

TC LL	20.0 PSF	REF R8228- 57124
TC DL	10.0 PSF	DATE 05/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09131036
BC LL	0.0 PSF	HC-ENG DR/AP *
TOT.LD.	40.0 PSF	SEQN- 60324
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - BGE)

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

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

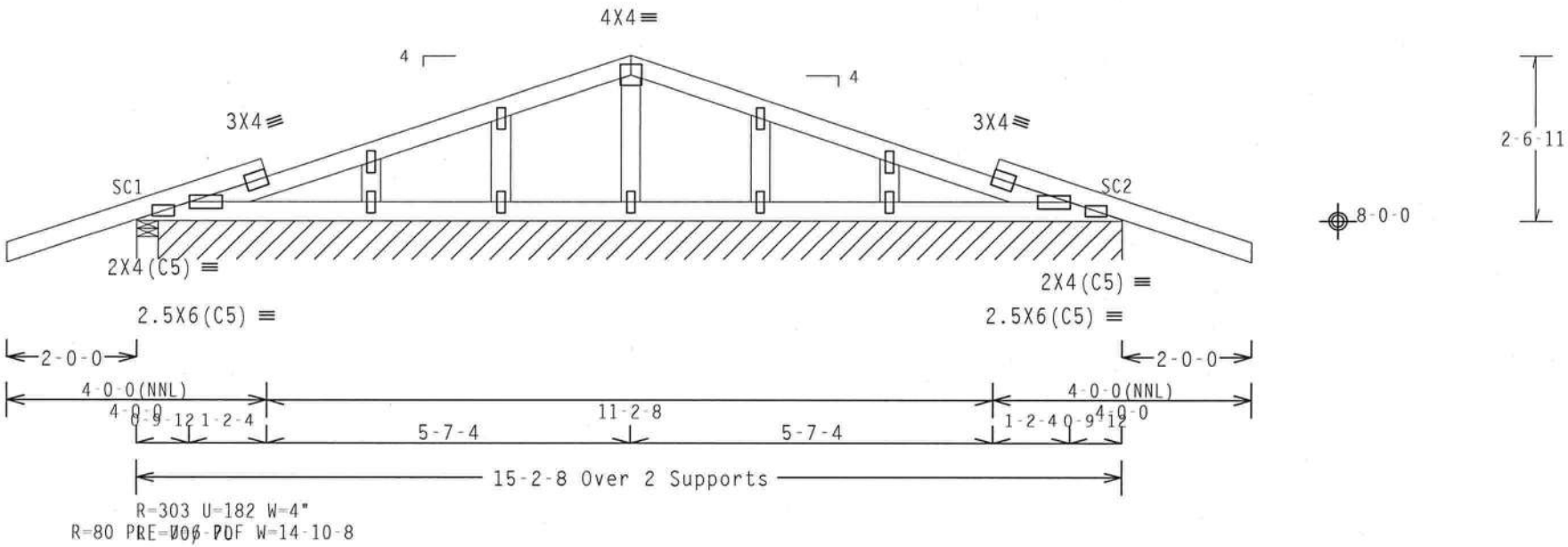
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 57125
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131048
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60430
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - C-2)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at 0.00 to 61 PLF at 9.40
TC - From 61 PLF at 9.40 to 61 PLF at 18.79
BC - From 20 PLF at 0.00 to 20 PLF at 18.79
BC - 1082 LB Conc. Load at 4.73, 6.73, 8.73, 10.73, 12.73
14.73, 16.73

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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

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

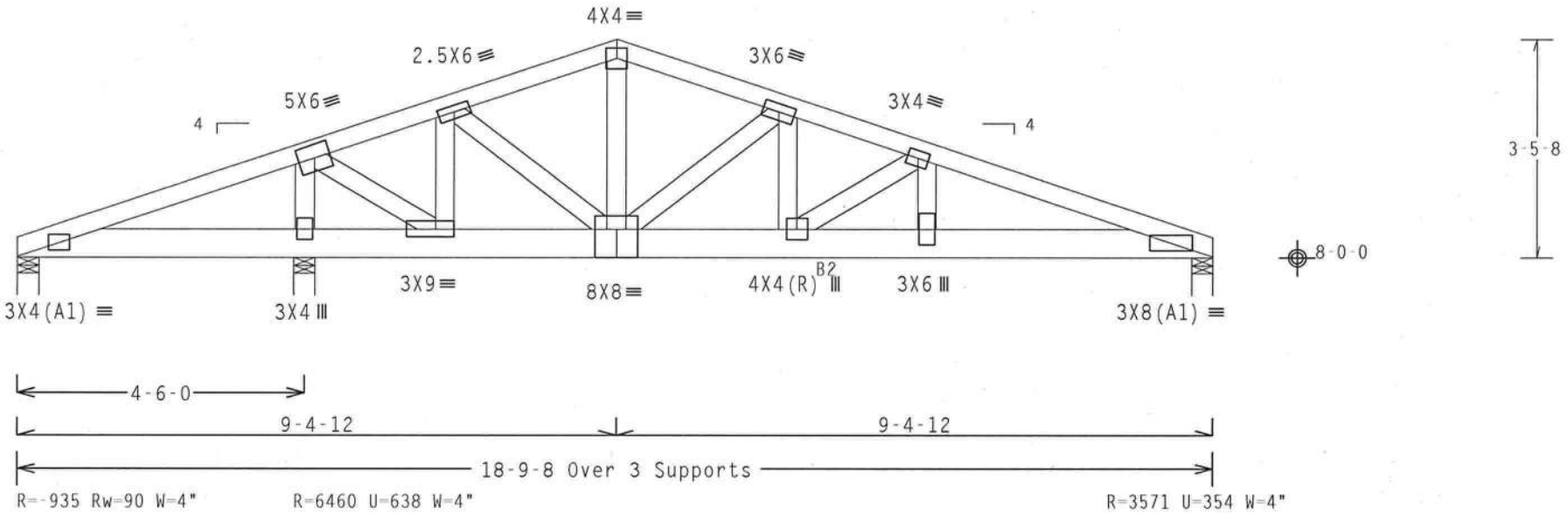
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

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 @ 4.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4"

Negative reaction(s) of -934# MAX. (See below) from a non-wind load case requires uplift connection.

Wind reactions based on MWFRS pressures.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

TC LL	20.0 PSF	REF	R8228- 57126
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131049
BC LL	0.0 PSF		HC-ENG DR/AP
TOT.LD.	40.0 PSF	SEQN-	60370
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - C)

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

Roof overhang supports 2.00 psf soffit load.

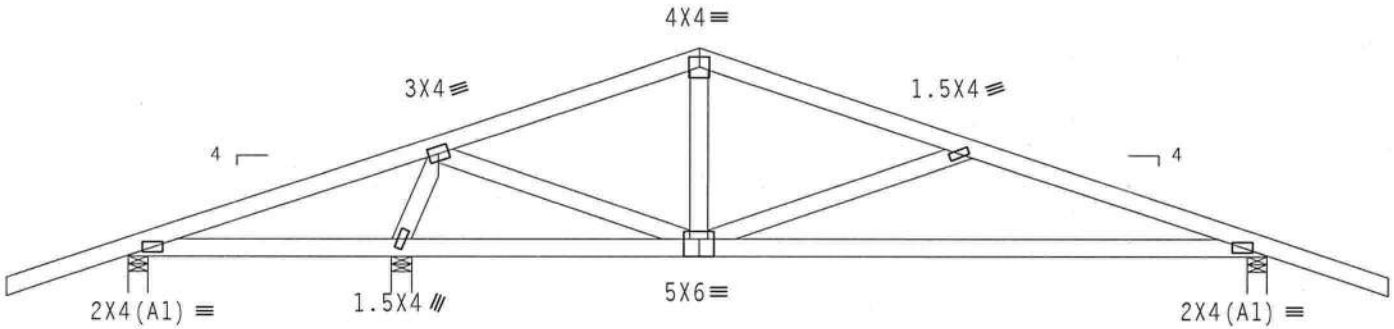
Bottom chord checked for 10.00 psf non-concurrent live load.

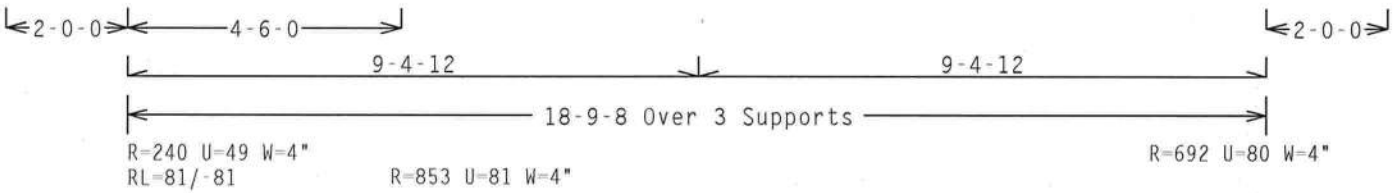
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.121F QTY:2 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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JAMES A. COLANS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11,2009

TC LL	20.0 PSF	REF	R8228-57127
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131050
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60354
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - C1)

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

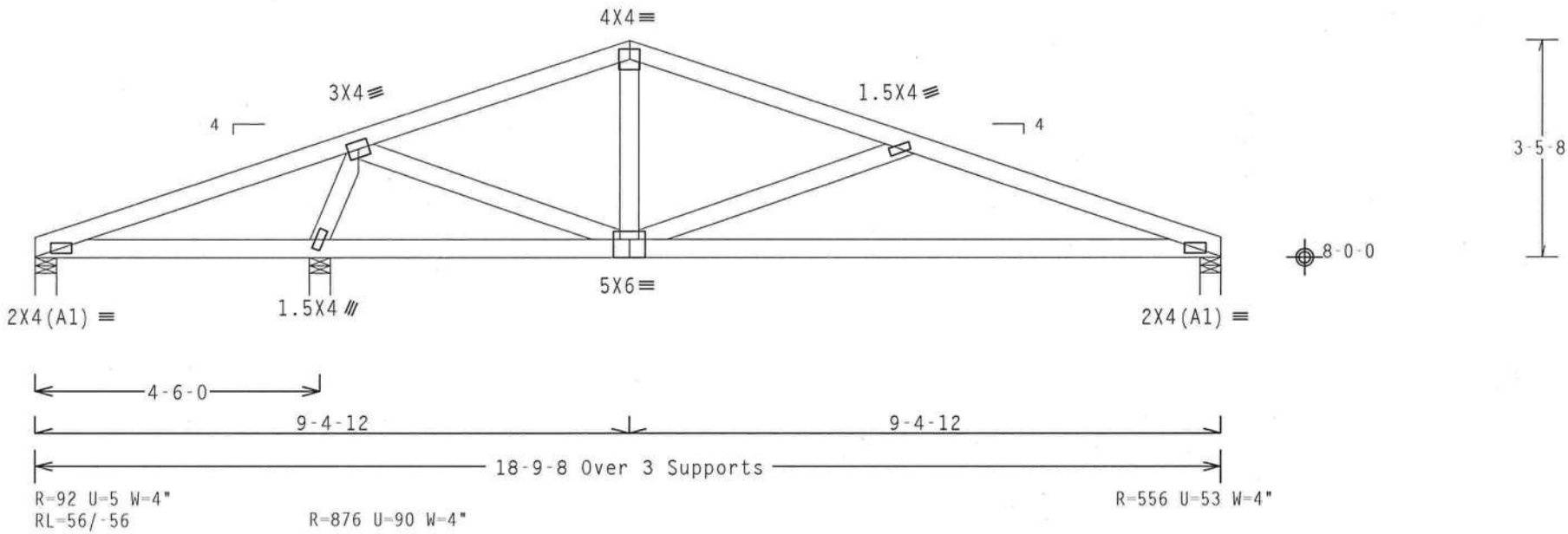
Bottom chord checked for 10.00 psf non-concurrent live load.

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

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.1818 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS JR. LIC. NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May

TC LL	20.0 PSF	REF	R8228- 57128
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131051
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60359
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - CGE)

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

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

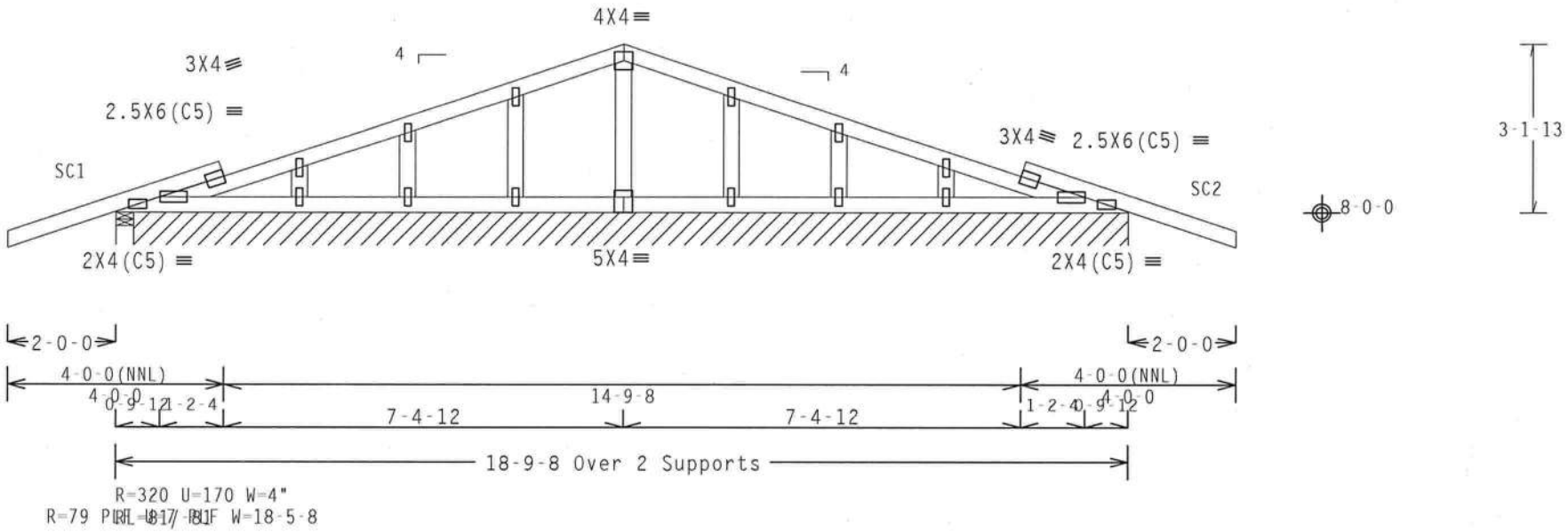
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.12 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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

May

TC LL	20.0 PSF	REF R8228- 57129
TC DL	10.0 PSF	DATE 05/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09131052
BC LL	0.0 PSF	HC-ENG DR/AP
TOT.LD.	40.0 PSF	SEQN- 60376
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - D)

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

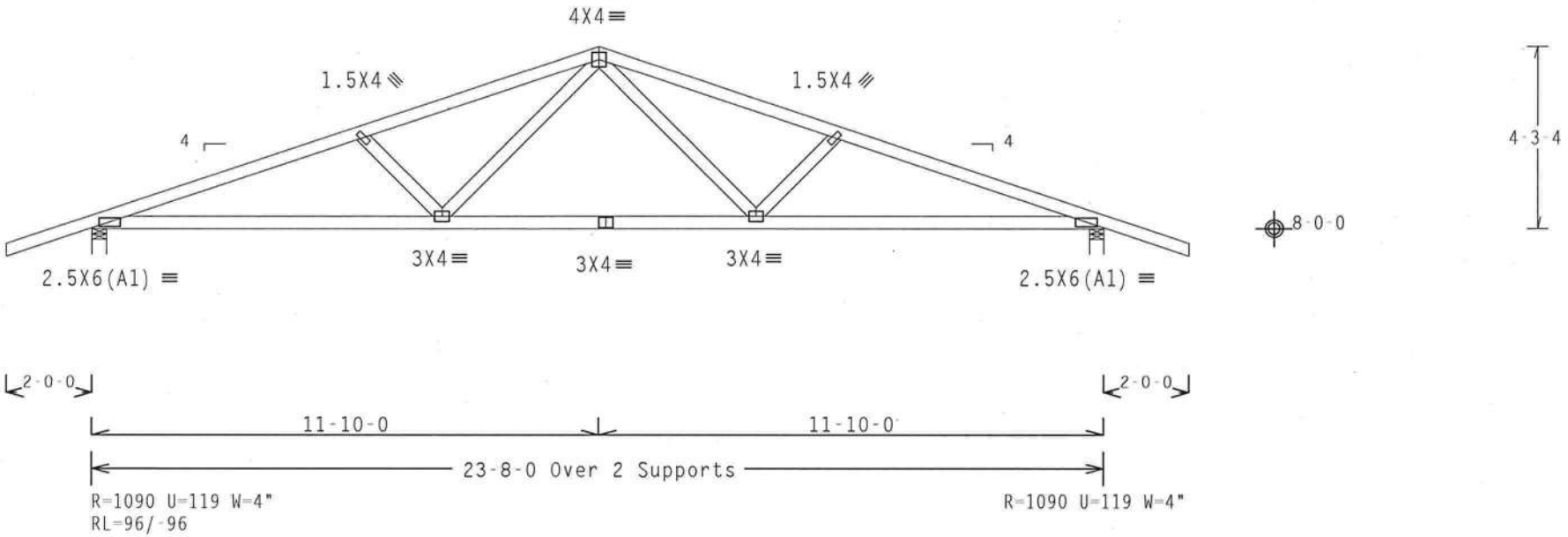
Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:4 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 57130
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131037
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60349
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - DGE)

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

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

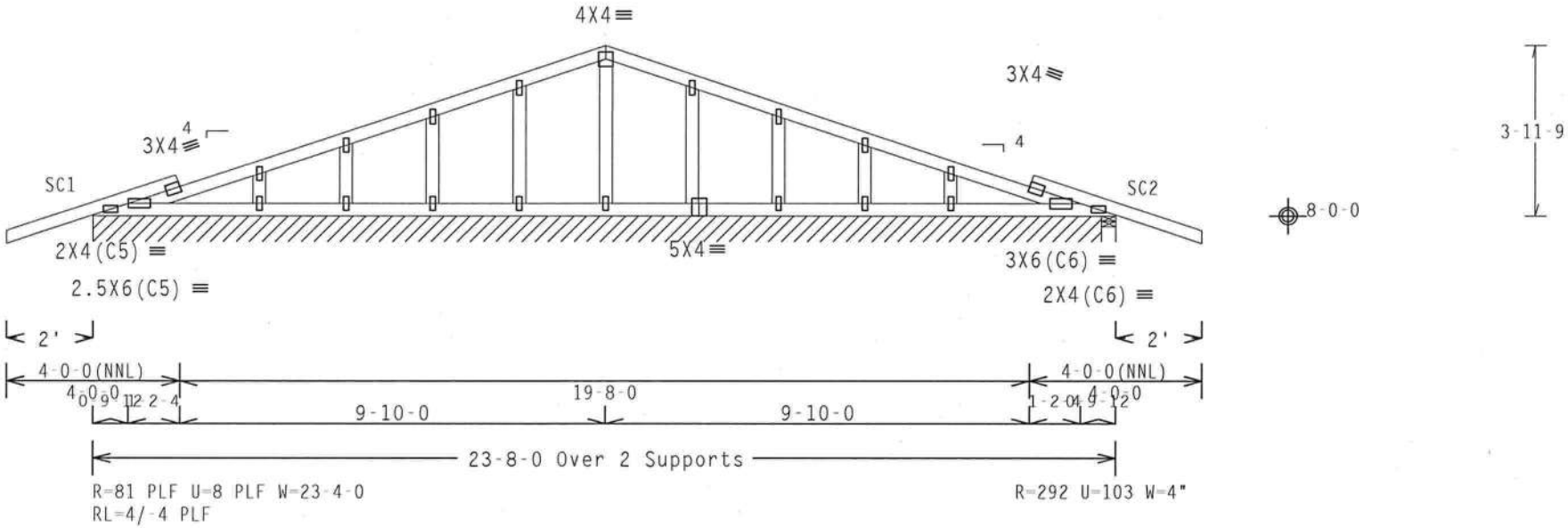
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Gable end supports 8" max rake overhang.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.121 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0-278

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

TC LL	20.0 PSF	REF	R8228- 57131
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131053
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	40.0 PSF	SEQN-	60409
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V1)

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

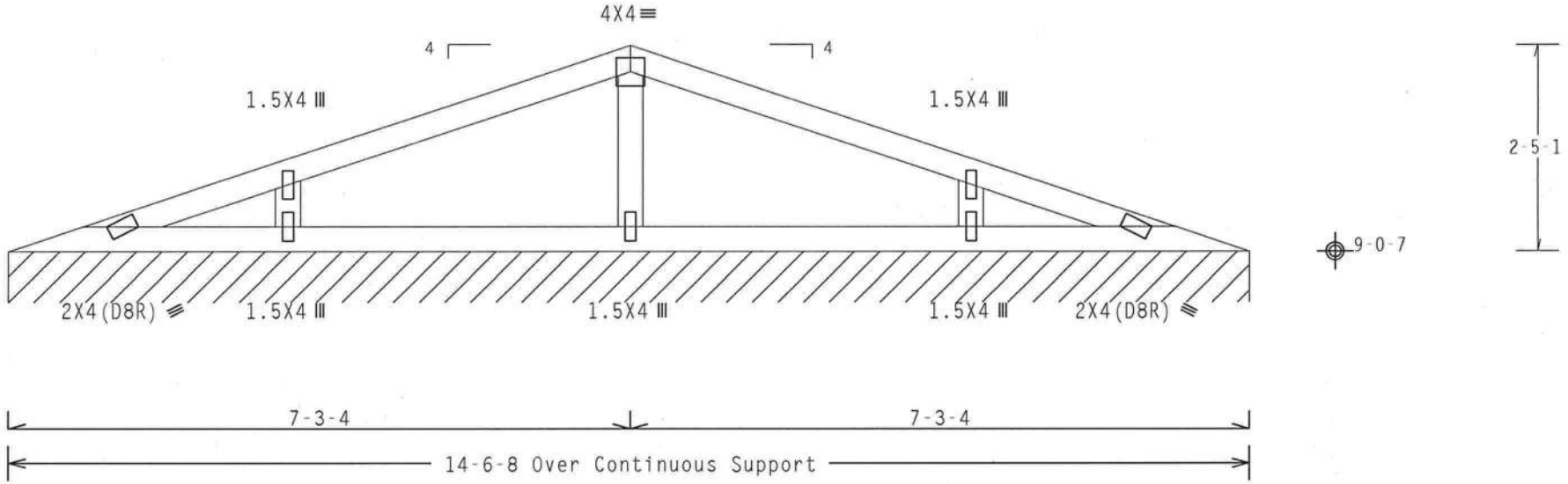
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



R=81 PLF U=6 PLF W=14-6-8
RL=3/-3 PLF

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07 00. 21 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO# 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 1

TC LL	20.0 PSF	REF	R8228- 57132
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131038
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60379
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V2)

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

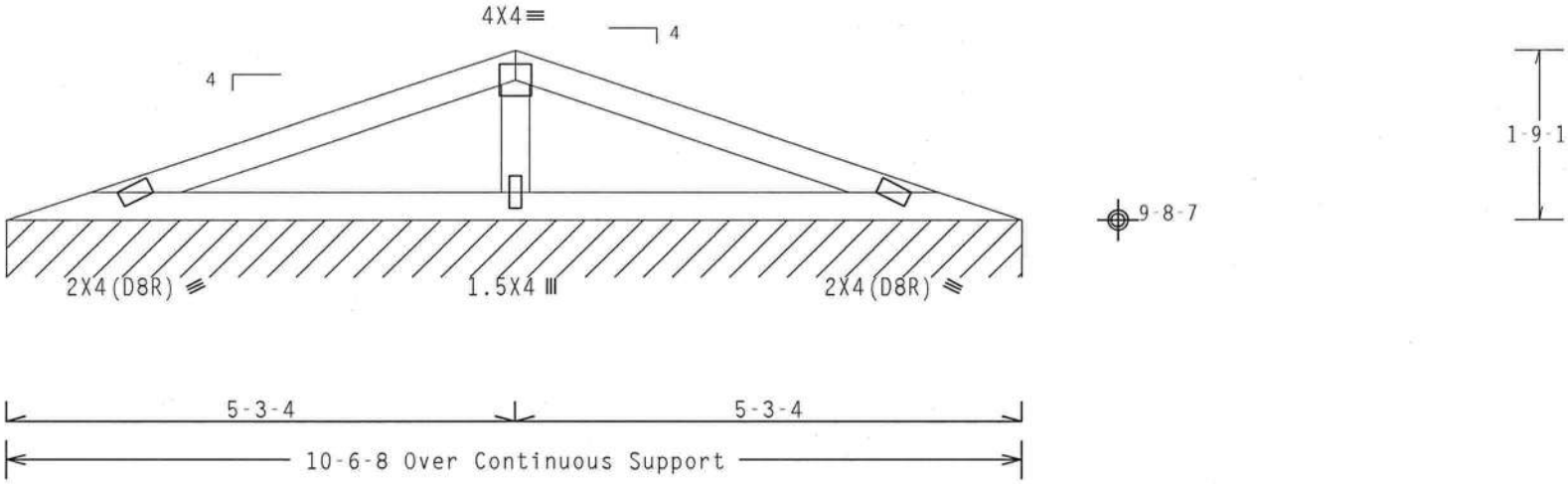
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



R=81 PLF U=5 PLF W=10-6-8
RL=2/-2 PLF

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 Sing QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #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 F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11, 09

TC LL	20.0 PSF	REF	R8228- 57133
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131039
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN	60382
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V4)

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

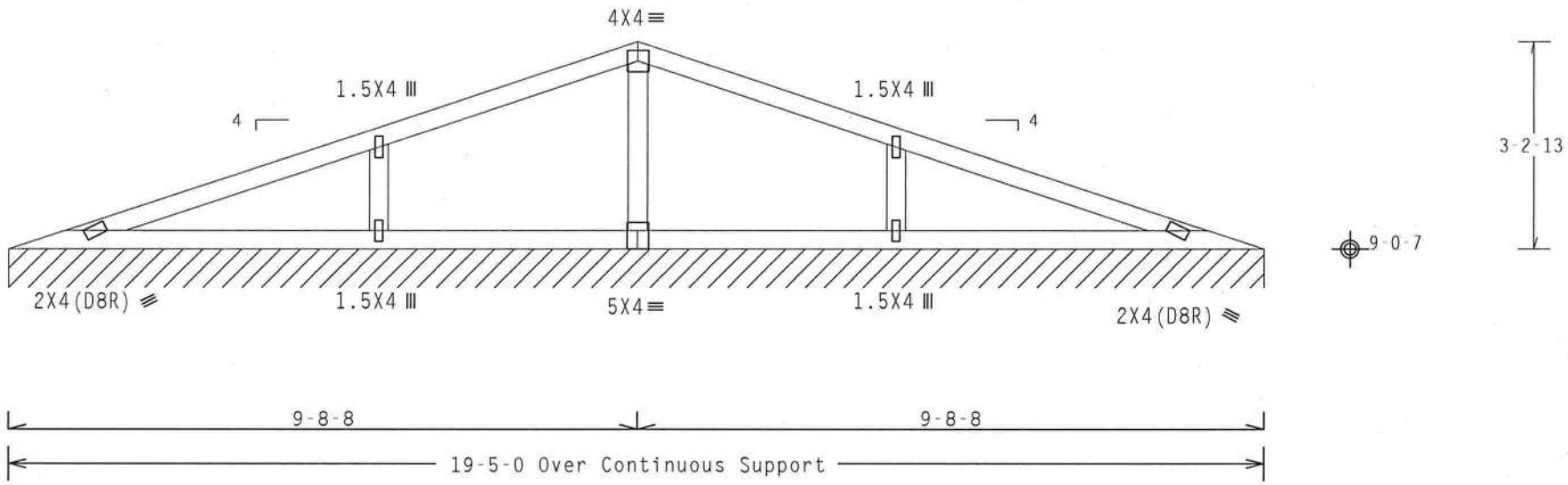
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



R=81 PLF W=19-5-0
RL=3/-3 PLF

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00.121 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 57134
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131040
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60393
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V5)

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

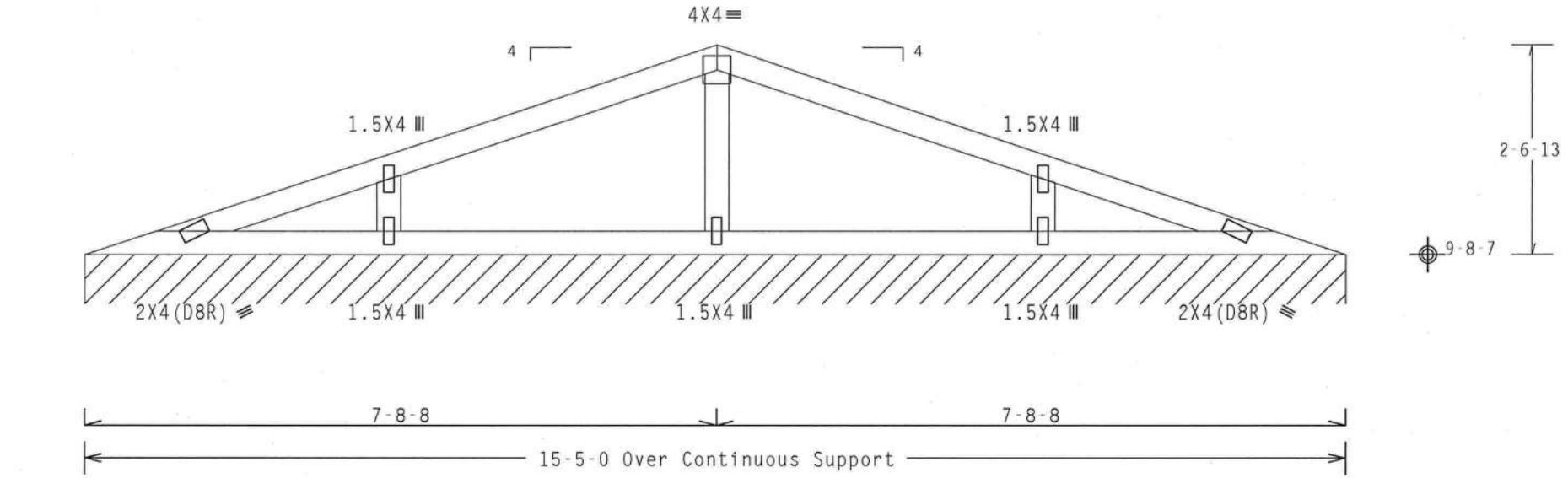
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



R=81 PLF W=15-5-0
RL=3/-3 PLF

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11, [illegible]

TC LL	20.0 PSF	REF R8228- 57135
TC DL	10.0 PSF	DATE 05/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09131041
BC LL	0.0 PSF	HC-ENG DR/AP *
TOT.LD.	40.0 PSF	SEQN- 60396
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V6)

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

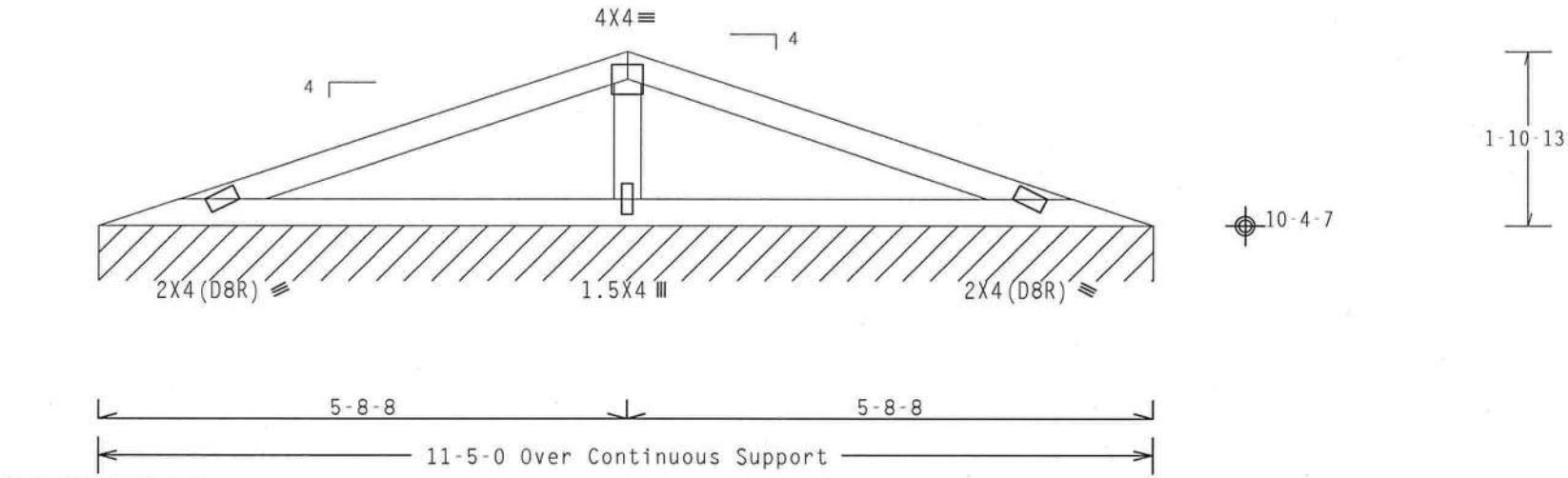
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



R=81 PLF W=11-5-0
RL=2/-2 PLF

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/0(0) 8.07.00.10 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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JAMES F. COLKINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

TC LL	20.0 PSF	REF	R8228- 57136
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131042
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60399
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - V7)

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

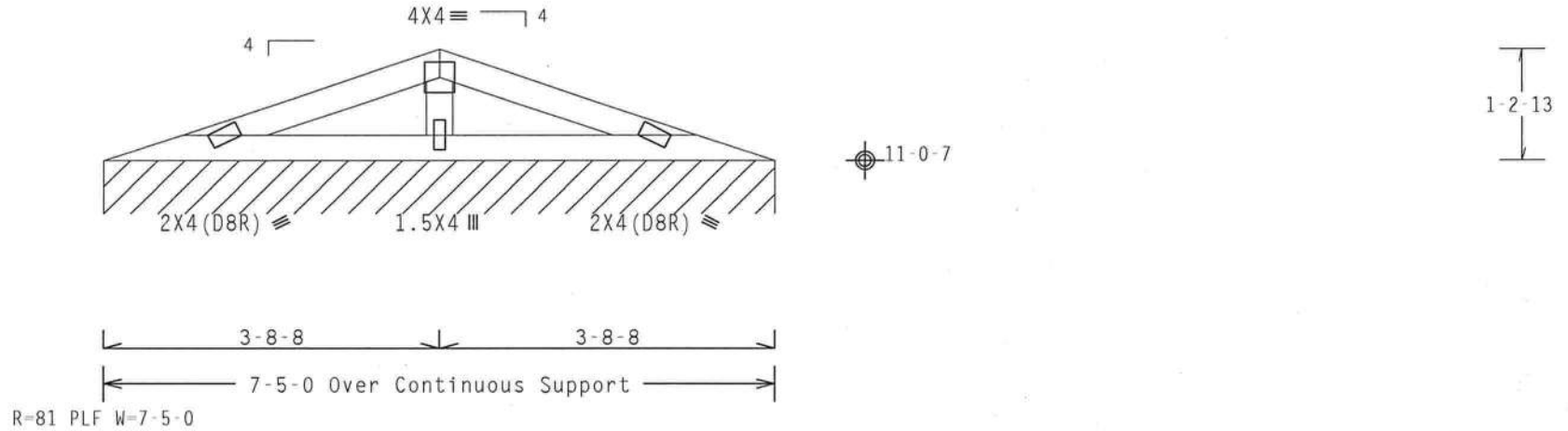
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

See DWG VAL1300109 for valley details.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

TC LL	20.0 PSF	REF	R8228- 57137
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131043
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN	60402
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TRK8228Z05

(9-108--Fill in later RESTORATION SPECIALIST -- , ** - D1)

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

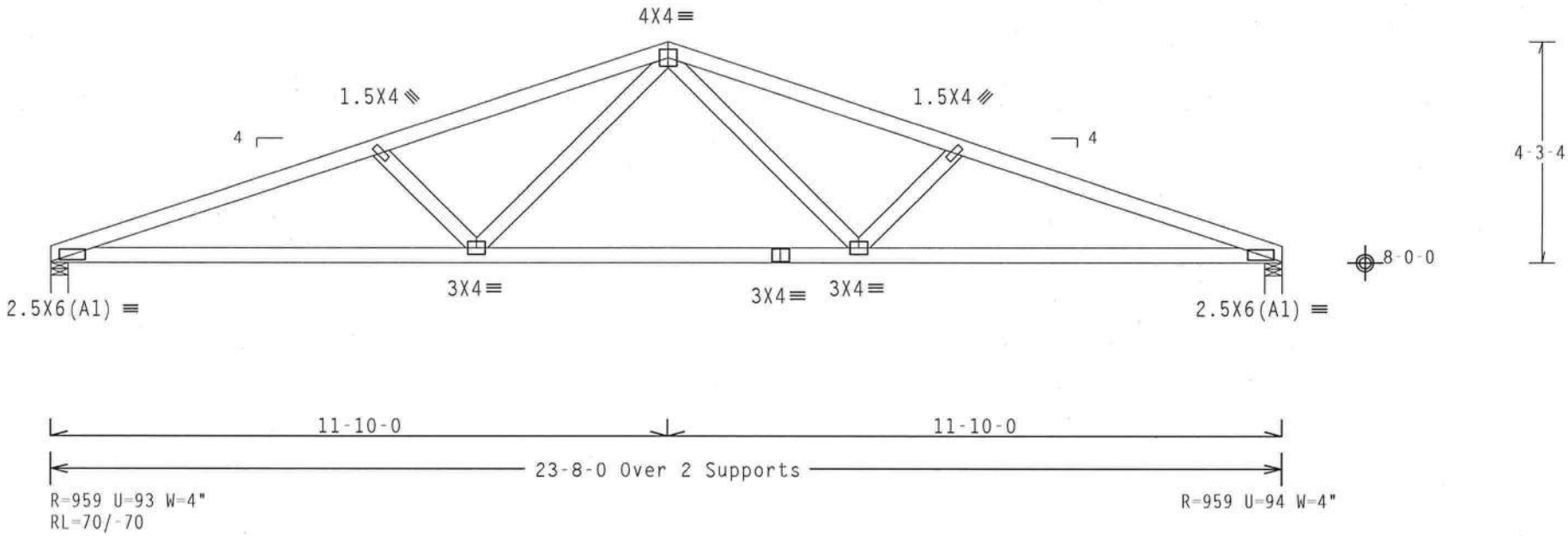
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=20%(0%)/0(0) 8.07.00 21 QTY:2 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY 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/H,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 (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

May

TC LL	20.0 PSF	REF	R8228- 57138
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131044
BC LL	0.0 PSF	HC-ENG	DR/AP *
TOT.LD.	40.0 PSF	SEQN-	60414
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z05

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2N, SPF #1/#2, DF-L #2 OR BETTER.
BOT CHORD 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #2N, SPF #1/#2, DF-L #2 OR BETTER.

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR SBC 110 MPH, ASCE 7-93 110 MPH OR ASCE 7-98, ASCE 7-02 OR ASCE 7-05 130 MPH. 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF, Kzt = 1.00

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" O.C., OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'-9".

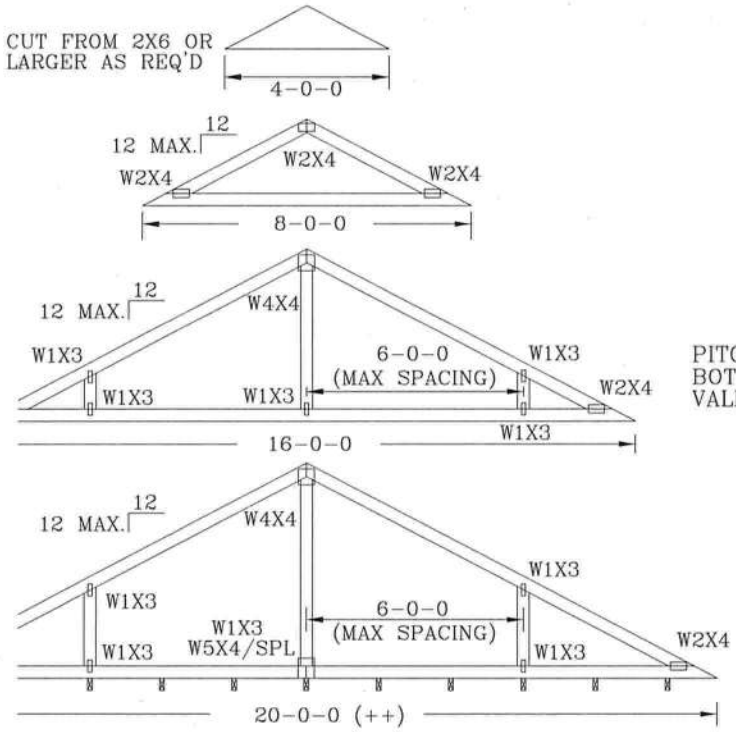
FOR VERTICALS OVER 10'-0" TALL, APPLY (2) 1x4 "T" BRACE, TO NARROW FACE, SAME GRADE AS WEB MEMBER, ATTACH WITH 8d OR 0.128"x3" GUN NAILS @6" O.C., STAGGERED

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" O.C. OR AS OTHERWISE SPECIFIED ON ENGINEER'S SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEER'S SEALED DESIGN.

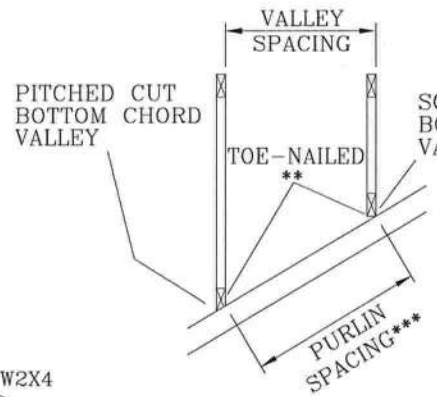
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

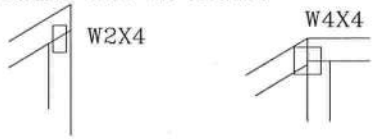
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 14'-0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" O.C. MAXIMUM SPACING.

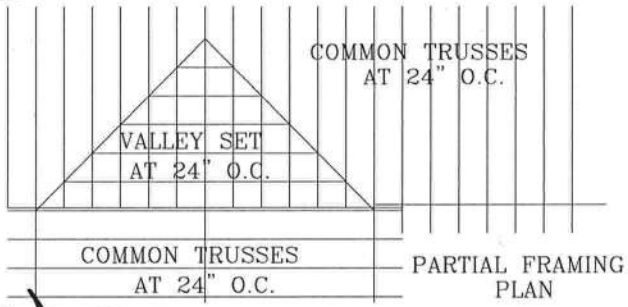




SQUARE CUT BOTTOM CHORD VALLEY

STUBBED VALLEY END DETAIL

OPTIONAL HIP JOINT DETAIL



PARTIAL FRAMING PLAN

Building Components Group Inc.

Earth City, MO 63045

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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
day 11 09

TC LL	30	30	40 PSF
TC DL	20	15	7 PSF
BC DL	10	10	10 PSF
BC LL	0	0	0 PSF
TOT. LD.	60	55	57 PSF
DUR.FAC.	1.25/1.33	1.15	1.15
SPACING		24"	

REF	VALLEY DETAIL
DATE	1/1/09
DRWG	VAL1300109

GABLE STUD REINFORCEMENT DETAIL

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	BRACE GRADE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

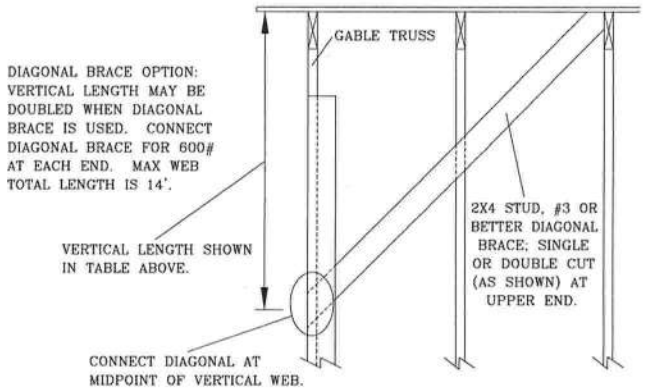
SOUTHERN PINE
#3
STUD
STANDARD

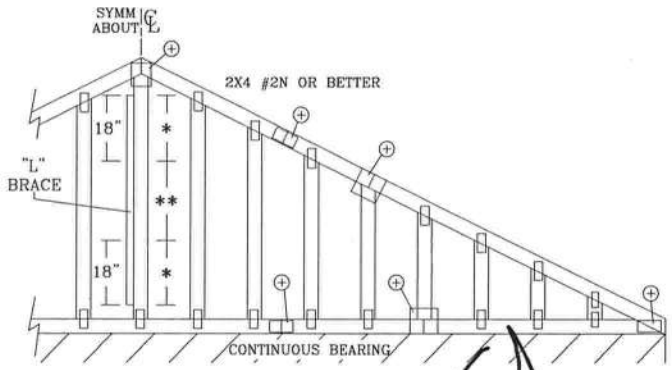
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS. (0.128"x3" min)

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

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

ITW Building Components Group Inc.

Earth City, MO 63045

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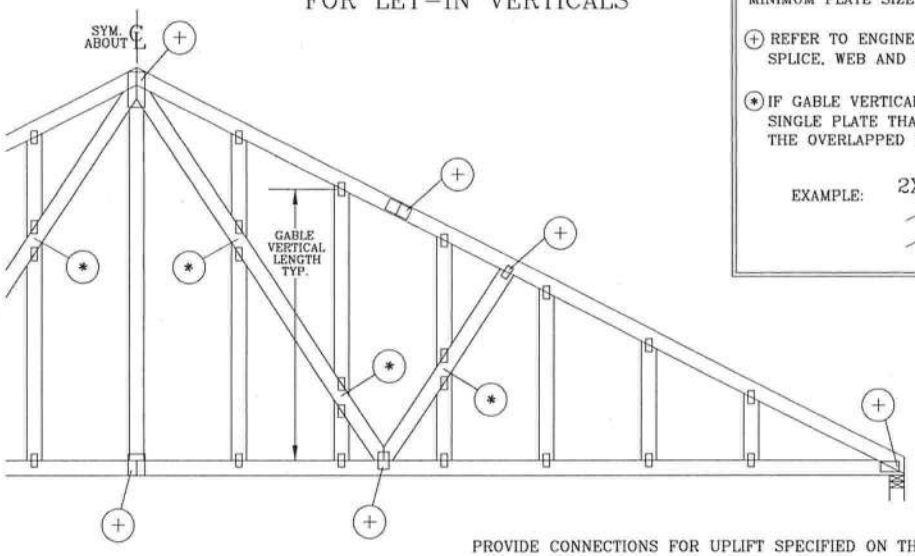
JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-05-GAB11015
DATE	1/1/09
DRWG	A11015050109

GABLE DETAIL
FOR LET–IN VERTICALS



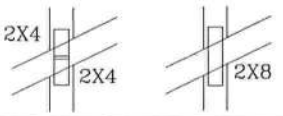
GABLE TRUSS PLATE SIZES

REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

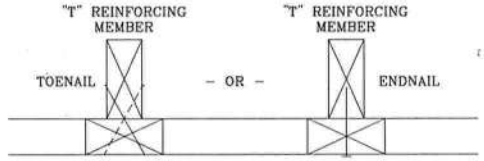
(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

(*) IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.

EXAMPLE:



"T" REINFORCEMENT ATTACHMENT DETAIL



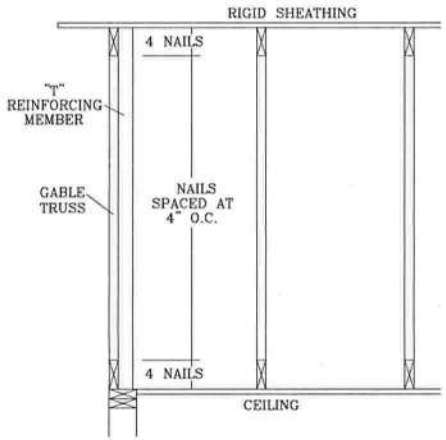
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	40 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
END DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:
10d COMMON (0.148"x3",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.
ASCE 7–98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109
ASCE 7–02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109
ASCE 7–05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

ITW Building Components Group Inc.
Earth City, MO 63045

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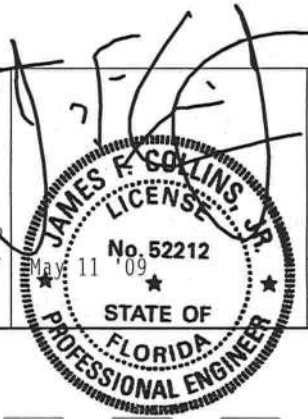

MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF	LET–IN VERT
DATE	1/1/09
DRWG	GBLLETIN0109

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 03-4S-17-07560-000 **Building permit No.** 000027855

Use Classification REPAIR OF SFD **Fire:** 0.00

Permit Holder ERIC EHRLUND **Waste:** 0.00

Owner of Building JON & MELISSA ABELS **Total:** 0.00

Location: 240 SW OSCEOLA PLACE, LAKE CITY, FL

Date: 08/04/2009

Wayne A. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)