DATE 01/24/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000022721

APPLICANT MIKE TODD PHONE 755-4387

ADDRESS 129 NE COLBURN AVE LAKE CITY FL 32055

OWNER MIKE TODD PHONE 755-4387

ADDRESS 122 SW ROYAL COURT LAKE CITY FL 32024

CONTRACTOR MIKE TODD PHONE 755-4387

LOCATION OF PROPERTY BRANFORD HIGHWAY, TL ON 242, TL ON ROYAL CT, 1ST LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 104100.00

HEATED FLOOR AREA 2082.00 TOTAL AREA 2986.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 9/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 23

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

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

PARCEL ID 21-4S-16-03081-101 SUBDIVISION KENSINGTON

LOT 1 BLOCK PHASE UNIT TOTAL ACRES .50

000000511	N	CGC006209	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
CULVERT PERMIT	05-0007-N	BK	RJ	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 10137

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 $ 525.00 CERTIFICATION FEE $ 14.93 SURCHARGE FEE $ 14.93

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ _____ WASTE FEE $ _____

FLOOD ZONE DEVELOPMENT FEE $ _____ CULVERT FEE $ 25.00 **TOTAL FEE** 629.86

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."

This Permit Must Be Prominently Posted on Premises During Construction

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

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

629.86

Columbia County Building Permit Application

For Office Use Only Application # 0501-08 Date Received 1/3/05 By CT Permit # 511/22721

Application Approved by - Zoning Official RLK Date 1.01.05 Plans Examiner _____ Date _____

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

Comments _____

Applicants Name Mike Todd Phone 386 755 4387

Address 129 NE Colburn Avenue, Lake City, FL 32055

Owners Name Mike Todd Phone 386 755 4387

911 Address 122 SW Royal Ct

Contractors Name mike Todd, lake City 32024 Phone 386 755 4387

Address 129 NE Colburn Ave, Lake City, FL 32055

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address 1st Federal, lake City, FL

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

Property ID Number 21-45-16-03081-101 Estimated Cost of Construction 160,000

Subdivision Name KENSINGTON S/D Lot 1 Block ____ Unit ____ Phase ____

Driving Directions Branford Hwy South - Left on 242 3/4 mile - Left into Kensington S/D 1st Lot on left

Type of Construction residential/single Family Number of Existing Dwellings on Property 0

Total Acreage .5 Lot Size _____ Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 40 53' Side ~~48~~ 39 Side 46 47 Rear 35 30

Total Building Height 23.8 per site plan Number of Stories 1 Heated Floor Area 2032 Roof Pitch 6 FRONT

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.

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CGC006209

Competency Card Number _____

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 3rd day of January 2004.

Personally known _____ or Produced Identification _____

Notary Signature

FORM 600B-01

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
Residential Component Prescriptive Method B

NORTH 1 2 3

Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single and multifamily residences of 3 stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component packages and comply with the prescriptive measures listed in Table 6B-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: AND ADDRESS:	KENSINGTON Lot 13 Columbia County	BUILDER: Mike Todd	
OWNER:	Mike Todd / Jo Lytle	PERMITTING OFFICE: Columbia	CLIMATE ZONE: 1 ☐ 2 ☐ 3 ☐
		PERMIT NO.: 22721	JURISDICTION NO.: 22 0000

GENERAL DIRECTIONS

1. New construction including additions which incorporates any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other non-vertical roof glass.
2. Choose one of the component packages "A" through "E" fromTable 6B-1 by which you intend to comply with the Code. Circle the column of the package you have chosen.
3. Fill in all the applicable spaces of the "To Be Installed" column on Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
4. Complete page 1 based on the "To Be Installed" column information.
5. Read "Minimum Requirements for All Packages", Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
6. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

	Please Print	CK
1. Compliance package chosen (A-F)	D	
2. New construction or addition	New	
3. Single family detached or Multifamily attached	Sg. Fam	
4. If Multifamily—No. of units covered by this submission		
5. Is this a worst case? (yes / no)	NO	
6. Conditioned floor area (sq. ft.)	2082	
7. Predominant eave overhang (ft.)	2'	
8. Glass type and area :	Single Pane / Double Pane	
a. Clear glass	____ sq. ft. / 409 sq. ft.	
b. Tint, film or solar screen	____ sq. ft. / ____ sq. ft.	
9. Percentage of glass to floor area	20 %	
10. Floor type, area or perimeter, and insulation:		
a. Slab on grade (R-value)	R= 0 / ____ lin. ft.	
b. Wood, raised (R-value)	R= ____ / ____ sq. ft.	
c. Wood, common (R-value)	R= ____ / ____ sq. ft.	
d. Concrete, raised (R-value)	R= ____ / ____ sq. ft.	
e. Concrete, common (R-value)	R= ____ / ____ sq. ft.	
11. Wall type, area and insulation:		
a. Exterior: 1. Masonry (Insulation R-value)	R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	R= 13 / 2111 sq. ft.	
b. Adjacent: 1. Masonry (Insulation R-value)	R= ____ / ____ sq. ft.	
2. Wood frame (Insulation R-value)	R= ____ / ____ sq. ft.	
12. Ceiling type, area and insulation:		
a. Under attic (Insulation R-value)	R= 22 / 2206 sq. ft.	
b. Single assembly (Insulation R-value)	R= ____ / ____ sq. ft.	
13. Air Distribution System: Duct insulation, location Test report (attach if required)	R= 6 / ____	
14. Cooling system (Types: central, room unit, package terminal A.C., gas, none)	Type: Central	
	SEER/EER: 12.0	
	Capacity: 3.5 Ton	
15. Heating system: (Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)	Type: Heat Pump	
	HSPF/COP/AFUE:	
	Capacity: 30K BTU	
16. Hot water system: (Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)	Type: Heat Recovery Unit	
	EF:	

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

PREPARED BY: _____ DATE: 10/16/04

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

OWNER AGENT: _____ DATE 10/16/04

Review of 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 in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

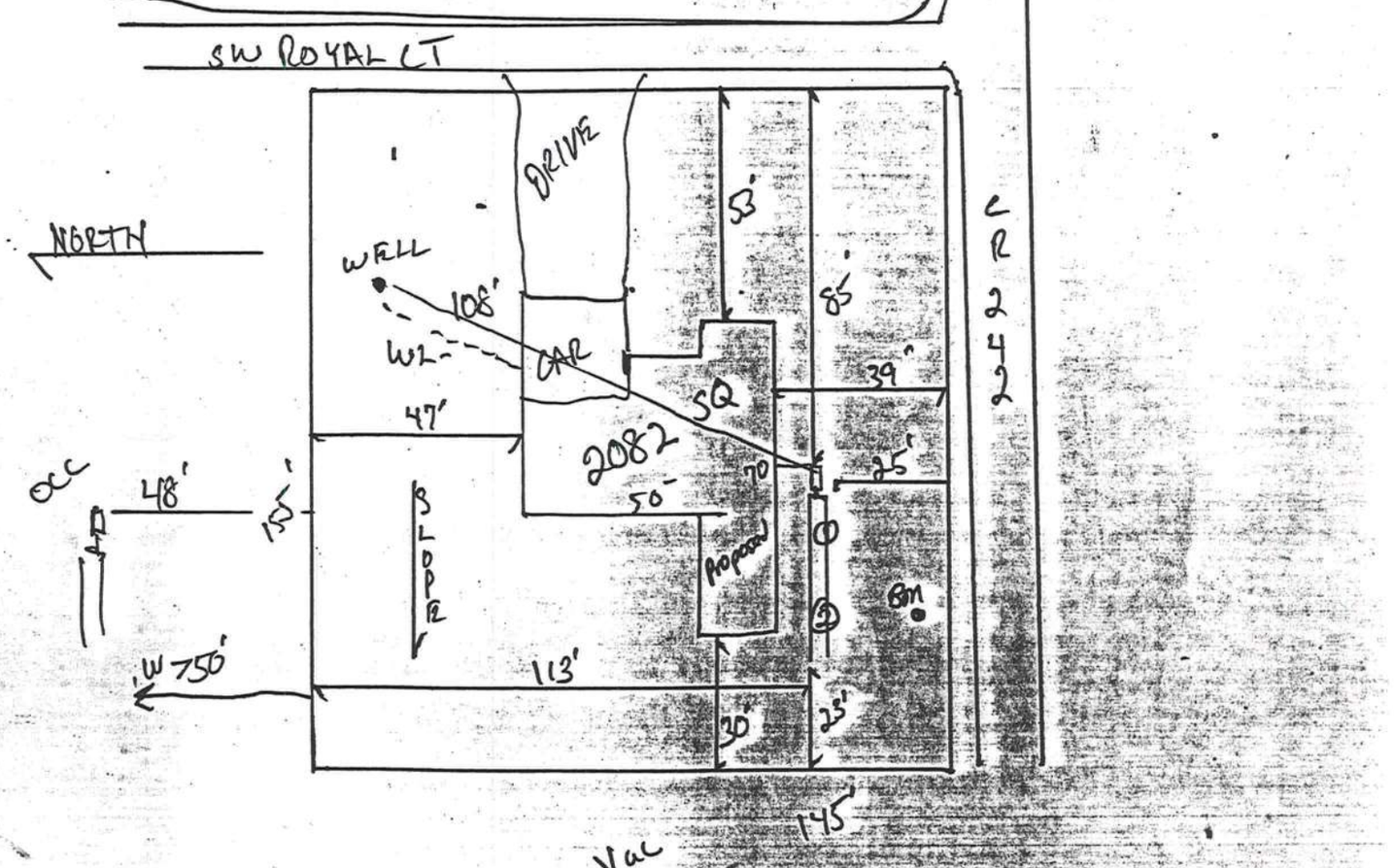
DATE: _____

DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05000711

PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes: Lot 7 Kensington

Site Plan submitted by: Rocky D [illegible] MASTER CONTRACTOR

Plan Approved ✓ Not Approved ___ Date 1-5-05

By [illegible] County Health Departme

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE ISSUED: December 17, 2004

ENHANCED 9-1-1 ADDRESS:

122 SW ROYAL CT (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER MAP SHEET NUMBER: 46C

PROPERTY APPRAISER PARCEL NUMBER: 21-4S-16-03081-101

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks: LOT 1 KENSINGTON S/D

Address Issued By:
Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-810
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005000645 Date:01/11/2005 Time:10:29
Doc Stamp-Deed : 70.00
DC,P.DeWitt Cason,Columbia County B:1035 P:604

Property Appraiser's
Identification Number R03081-101

WARRANTY DEED

This Warranty Deed, made this 10th day of January, 2005, BETWEEN JUANA JO LYTTE, whose post office address is 366 SE Edgewood Lane, Lake City, FL 32025, of the County of Columbia, State of Florida, grantor*, and JUANA JO LYTTE and FRANK A. TODD, III, each as to an undivided 1/2 interest, whose post office address is 366 SE Edgewood Lane, Lake City, FL 32025, of the County of Columbia, State of Florida, grantee*.

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

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

> Lot 1, KENSINGTON, a subdivision according to the plat thereof as recorded in Plat Book 6, Pages 193 and 194 of the public records of Columbia County, Florida.
>
> N.B.: Neither the Grantor nor any member of her family live on or reside on the property described herein or any adjacent land thereto or claim any part hereo for any adjacent land thereto as their homestead.

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

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

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

THIS INSTRUMENT WAS PREPARED BY:
TERRY McDAVID 04-810
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005000647 Date:01/11/2005 Time:10:29
DC,P.DeWitt Cason,Columbia County B:1035 P:614

PERMIT NO._____ TAX FOLIO NO.: R03081-101

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

   Lot 1, KENSINGTON, a subdivision according to the plat thereof as recorded in Plat Book 6, Pages 193-194 of the public records of Columbia County, Florida.

2. General description of improvement: Construction of Dwelling

3. Owner information:
   a. Name and address: JUANA JO LYTTE, 366 SE Edgewood Lane, Lake City, FL 32025

   b. Interest in property: Fee Simple

   c. Name and address of fee simple title holder (if other than Owner): None

4. Contractor: MIKE TODD CONSTRUCTION
   129 NE Colburn, Lake City, FL 32025

5. Surety n/a
   a. Name and address:
   b. Amount of bond:

6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA
   4705 West U.S. Highway 90
   Post Office Box 2029
   Lake City, FL 32056

7. Persons within the State 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: NONE

8. In addition to himself, Owner designates TERESA DAVIS of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90, Post Office Box 2029, Lake City, FL 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). January 10, 2006.

JUANA JO LYTTE

FRANK A. TODD, III

The foregoing instrument was acknowledged before me this 10th day of January, 2005, by JUANA JO LYTTE and FRANK A. TODD, III, who are personally known to me and who did not take an oath.

TERRY MCDAVID
MY COMMISSION EXPIRES
January 16, 2006
#DD 079305
Bonded thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF FLORIDA

Notary Public
My commission expires:_____

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000511

DATE 01/24/2005 PARCEL ID # 21-4S-16-03081-101

APPLICANT MIKE TODD PHONE 755-4387

ADDRESS 129 NE COLBURN AVE LAKE CITY FL 32055

OWNER MIKE TODD PHONE 755-4387

ADDRESS 122 SW ROYAL COURT LAKE CITY FL 32024

CONTRACTOR MIKE TODD PHONE 755-43287

LOCATION OF PROPERTY BRANFORD HIGHWAY, TL 242, TL ON ROYAL COURT, 1ST LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT KENSINGTON 1

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 GATEWAY TO FLORIDA

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

15 JUNE 2005

RANDY JONES
COLUMBIA COUNTY BUILDING DEPARTMENT
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: SPEC HOUSE for KENSINGTON LOT 1
PERMIT Nr.: 22721

DEAR MR. JONES:

PLEASE BE ADVISED OF THE FOLLOWING CHANGES FOR THE ABOVE REFERENCED PROJECT:

1. HOLDDOWNS AT THE GARAGE DOOR OPENING SHALL BE AS PER "SIMPSON" PHA5-SDS3 WITH ALL REQUIRED FASTENERS. THE ANCHOR BOLT SHALL BE 5/8"ϕ ALL THREAD ROD SET WITH 2 PART CONSTRUCTION EPOXY IN A 3/4"ϕ DRILLED HOLE X 7" DEEP INTO THE CONCRETE FOUNDATION.

2. THE BEAM AT THE 12'-0" WALL OPENING SHALL BE AS FOLLOWS: 2-1 3/4" X 11 7/8" 2.0E L.V.L. WITH DBL. JACK STUDS AND DBL KING STUDS AT EACH END. THE BEAM SHALL BE SECURED TO THE STUD POSTS WITH 3 "SIMPSON" ST22 STRAPS AT EACH END, WITH ALL HOLES FILLED WITH THE APPROVED NAILS. THE STUD POSTS SHALL BE ANCHORED TO THE CONCRETE FOUNDATION WITH 1 "SIMPSON" HTT16 ANCHOR WITH ALL HOLES FILLED WITH THE APPROVED NAILS. THE ANCHOR BOLT SHALL BE 5/8"ϕ ALL THREAD ROD SET WITH 2 PART CONSTRUCTION EPOXY IN A 3/4"ϕ DRILLED HOLE X 5" DEEP INTO THE CONCRETE FOUNDATION.

SHOULD YOU HAVE ANY QUESTION WITH THE FOREGOING, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

22721

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SML487-Z0128081512

Truss Fabricator:	Anderson Truss Company
Job Identification:	413-MIKE TODD / KENSINGTON
Truss Count:	2
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-1995
Engineering Software:	Alpine Software,Version 7.04.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Seal Date: 04/28/2005

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
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: HCUSR487

Details: A11015EC-GBLLETIN

#	Ref	Description	Drawing#	Date
1	19123--BGE		05118002	04/28/05
2	19124--B		05118001	04/28/05

(413-MIKE TODD / KENSINGTON - BGE)

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	82 PLF	at	-1.50	to	82 PLF at 16.50
BC - From	4 PLF	at	-1.50	to	4 PLF at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF at 15.00
BC - From	4 PLF	at	15.00	to	4 PLF at 16.50

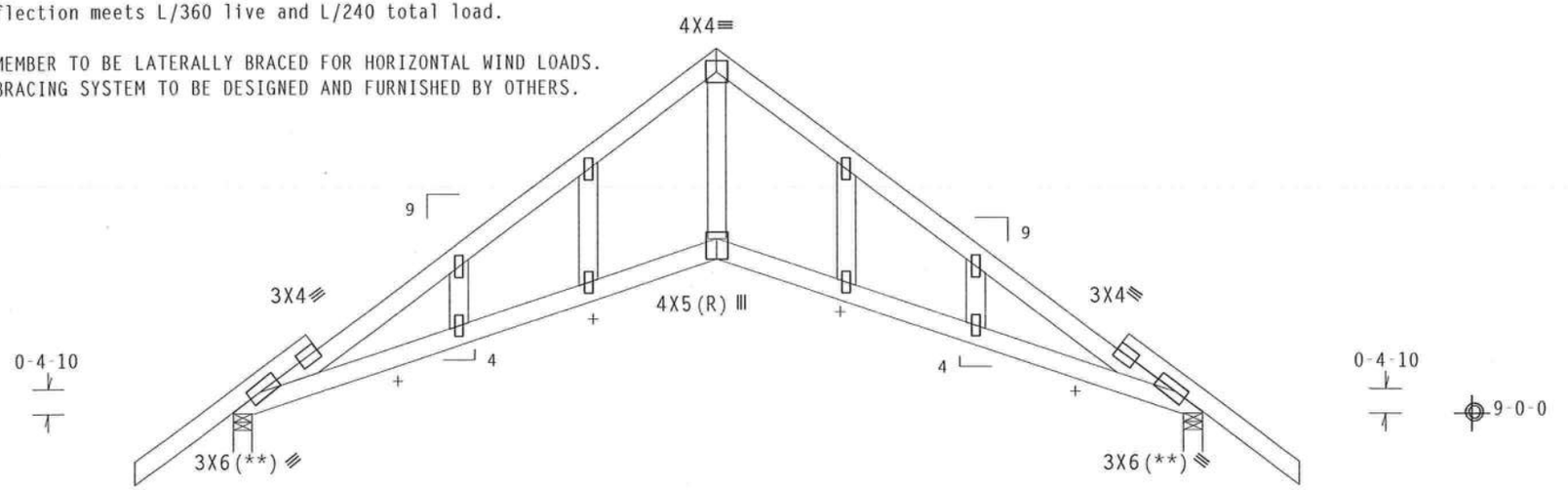
Deflection meets L/360 live and L/240 total load.

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS.
BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.04.08[illegible] QTY:1 FL/-/3/-/-/R/- Scale =.375"/Ft.

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.

ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 28 05

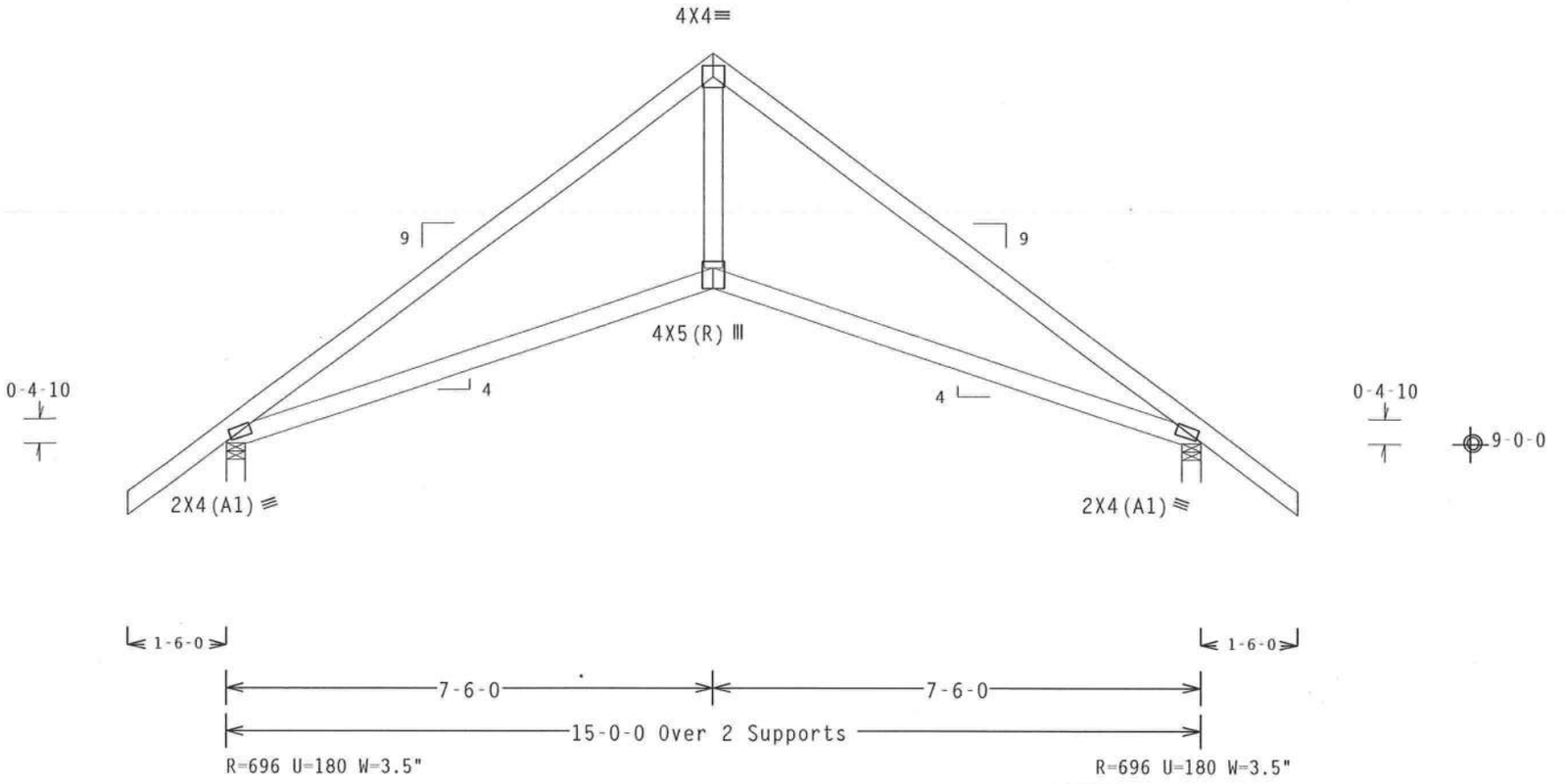
TC LL	20.0 PSF	REF R487-- 19123
TC DL	10.0 PSF	DATE 04/28/05
BC DL	10.0 PSF	DRW HCUSR487 05118002
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 3661
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SML487_Z01

(413-MIKE TODD / KENSINGTON - B)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0305 | QTY:1 | FL/-/3/-/-/R/- | Scale =.375"/Ft.

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 TPI1; 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.

ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 28 '05

TC LL	20.0 PSF	REF	R487-- 19124
TC DL	10.0 PSF	DATE	04/28/05
BC DL	10.0 PSF	DRW	HCUSR487 05118001
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN-	3665
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SMI 487 701

ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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:

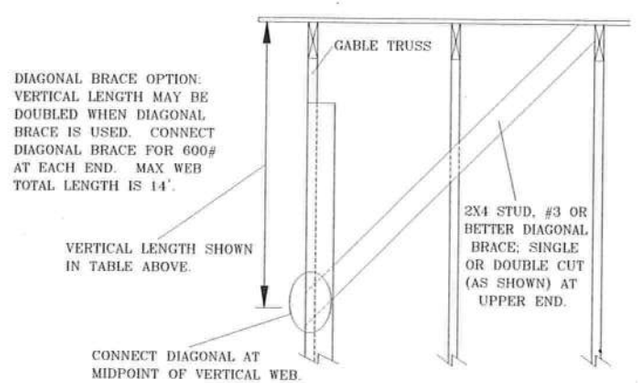
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

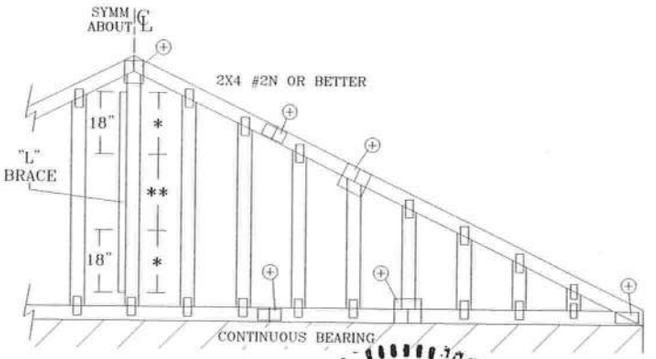
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAXIMUM 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.
* 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"	2X4
GREATER THAN 11' 6"	2.5X4

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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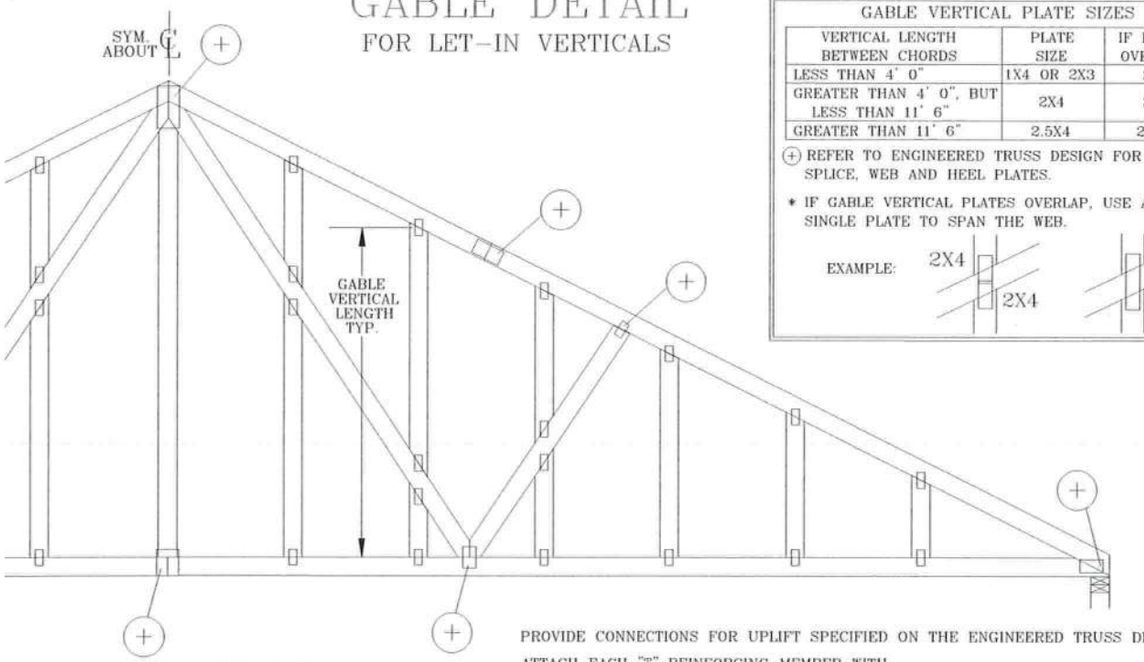
ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF
04/28/2004
FLORIDA
PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-98-GAB11015
DATE	11/26/03
DRWG	A11015EC1103
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

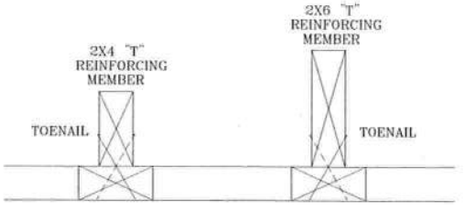


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE:



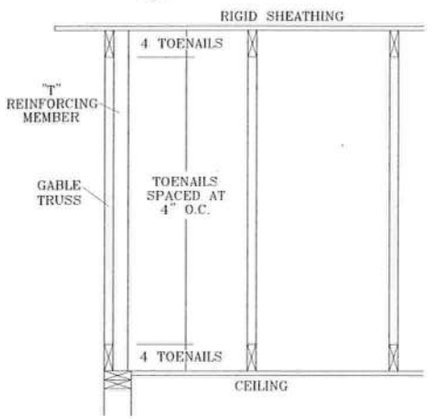
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS - 0.131" X 3":
TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
SBCCI GABLE DETAIL DRAWINGS
S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

REF	LET-IN VERT
DATE	01/16/04
DRWG	GBLLETIN1103
-ENG	DLJ/KAR

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SLY487-Z0505155410

Truss Fabricator:	Anderson Truss Company
Job Identification:	413-MIKE TODD / KENSINGTON
Truss Count:	38
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-1995;ANSI/TPI-1995(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.04.0805.15, 7.10.0729.20.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Seal Date: 04/05/2005

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
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: HCUSR487

Details: BRCLBSUB-TCFILLER-BCFILLER-A11015EC-GBLLETIN-CNBRGBLK

#	Ref Description	Drawing#	Date
1	07009--A1	05095108	04/05/05
2	07010--AT1	05095109	04/05/05
3	07011--H15A	05095110	04/05/05
4	07012--H7A	05095122	04/05/05
5	07013--H11A	05095111	04/05/05
6	07014--H13A	05095112	04/05/05
7	07015--H9A	05095113	04/05/05
8	07016--HM7A	05095114	04/05/05
9	07017--HM9A	05095115	04/05/05
10	07018--HM11A	05095116	04/05/05
11	07019--HM13A	05095117	04/05/05
12	07020--A	05095118	04/05/05
13	07021--BGE	05095119	04/05/05
14	07022--B	05095120	04/05/05
15	07023--BS	05095121	04/05/05
16	07024--B-1	05095126	04/05/05
17	07025--H5D	05095123	04/05/05
18	07026--D	05095124	04/05/05
19	07027--DT	05095125	04/05/05
20	07028--D-1	05095127	04/05/05
21	07029--GA	05095128	04/05/05
22	07030--GS	05095129	04/05/05
23	07031--GS1	05095145	04/05/05
24	07032--GGE	05095130	04/05/05
25	07033--CJ1	05095131	04/05/05
26	07034--HJ5	05095132	04/05/05
27	07035--HJ7	05095133	04/05/05
28	07036--CJ3	05095134	04/05/05
29	07037--CJ5	05095135	04/05/05
30	07038--EJ7	05095136	04/05/05
31	07039--HM15AP	05095137	04/05/05
32	07040--HM17AP	05095138	04/05/05
33	07041--HM19AP	05095139	04/05/05
34	07042--AP	05095140	04/05/05
35	07043--A1P	05095141	04/05/05
36	07044--H21AP	05095142	04/05/05
37	07045--H19AP	05095143	04/05/05
38	07046--H17AP	05095144	04/05/05

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
 Document ID:1SLY487-Z0505155410

Truss Fabricator:	Anderson Truss Company
Job Identification:	413-MIKE TODD / KENSINGTON (413|-)
Truss Count:	4
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-1995;ANSI/TPI-1995(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.04.0805.15, 7.10.0729.20.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Seal Date: 04/05/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	07012	--H7A	05095122	04/05/05
2	07024	--B-1	05095126	04/05/05
3	07028	--D-1	05095127	04/05/05
4	07031	--GS1	05095145	04/05/05

(413-MIKE TODD / KENSINGTON - A1)

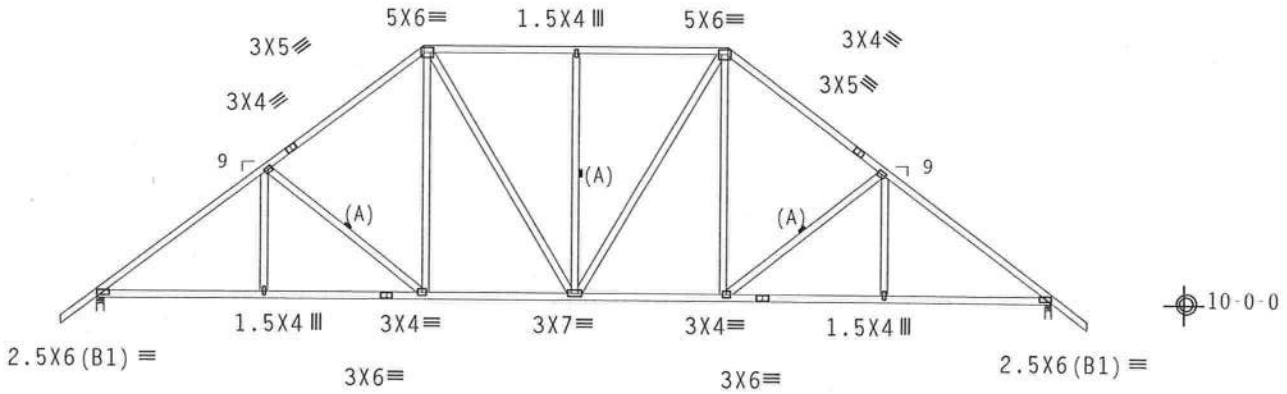
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

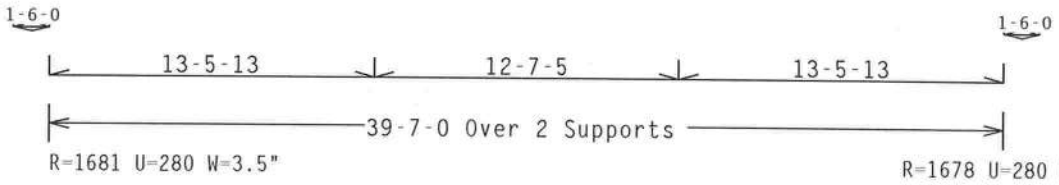
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 14.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.





PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

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

Scale =.125"/Ft.

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.

ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7009
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095108
BC LL	0.0 PSF	HC-ENG TCE/AF *
TOT.LD.	40.0 PSF	SEQN- 10037
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - AT1)

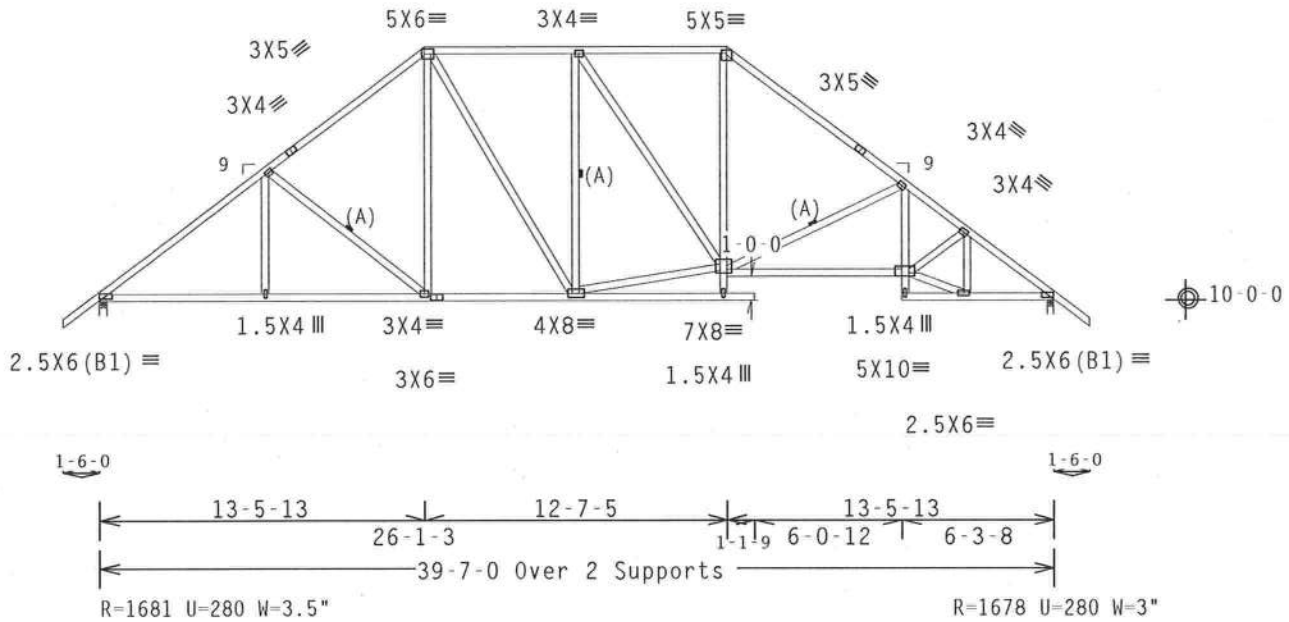
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 14.88 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

See DWGS TCFILLER1103 and BCFILLER1103 for filler details.

(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04 08 05 15 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE

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ARTHUR R. FISHER
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No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7010
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095109
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10056
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

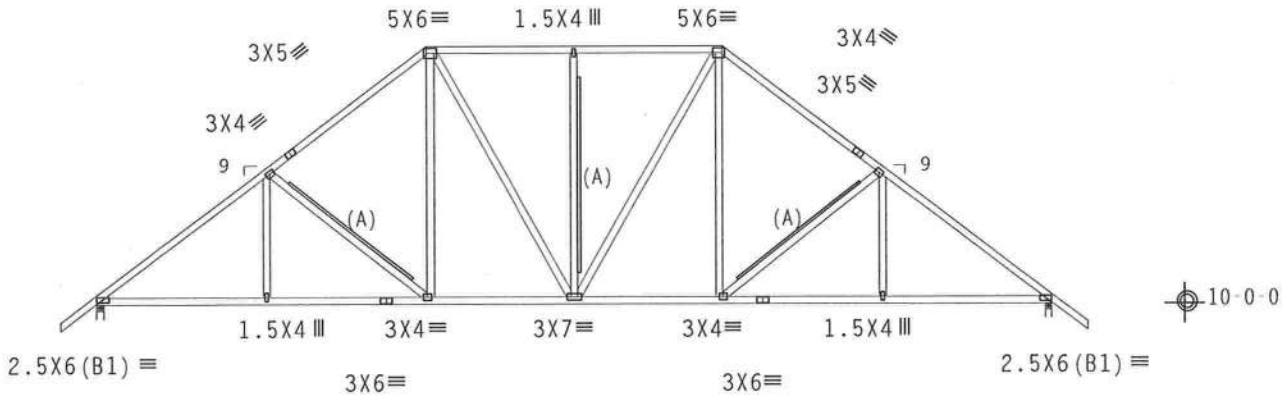
(413-MIKE TODD / KENSINGTON - H15A)

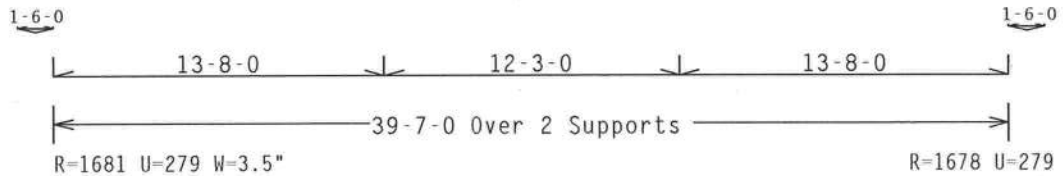
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 14.95 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0505 | TX21 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7011
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095110
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	10081
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - H7A)

Top chord 2x6 SP #2 :T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2, W10 2x4 SP #2 Dense:

End verticals not exposed to wind pressure.

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.

Girder supports 7-0-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.

Truss must be installed as shown with top chord up.

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

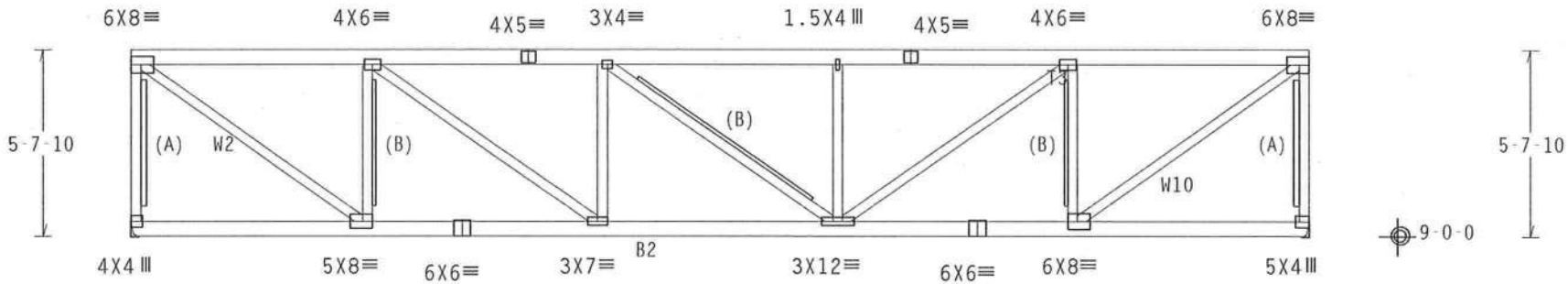
Max JT VERT DEFL: LL: 0.21" DL: 0.21" recommended camber 3/8"

(B) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d nails @ 6" OC.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d nails @ 6" OC.

Deflection meets L/360 live and L/240 total load.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



35-7-0 Over 2 Supports

R=3202 U=593 H=Simpson HUS26
w/ (6) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

R=3202 U=593 H=Simpson HUS26
w/ (6) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.07 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7012
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095122
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	50606 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - H11A)

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

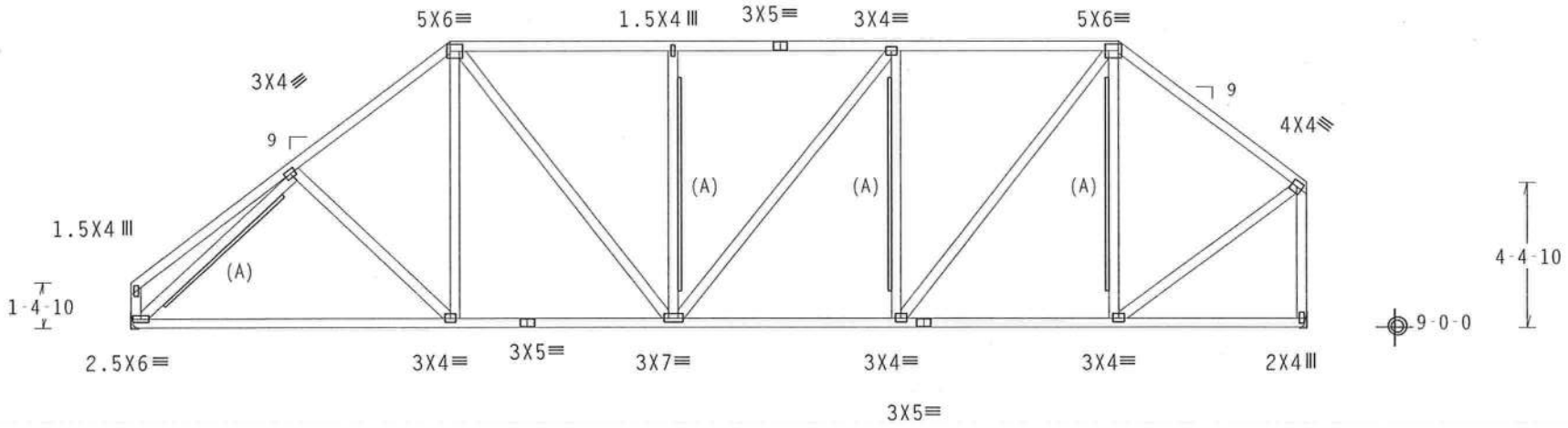
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.01 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



9-8-0 | 20-3-0 | 5-8-0

35-7-0 Over 2 Supports

R=1423 U=233 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1423 U=251 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7013
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095111
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 10114
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - H13A)

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.

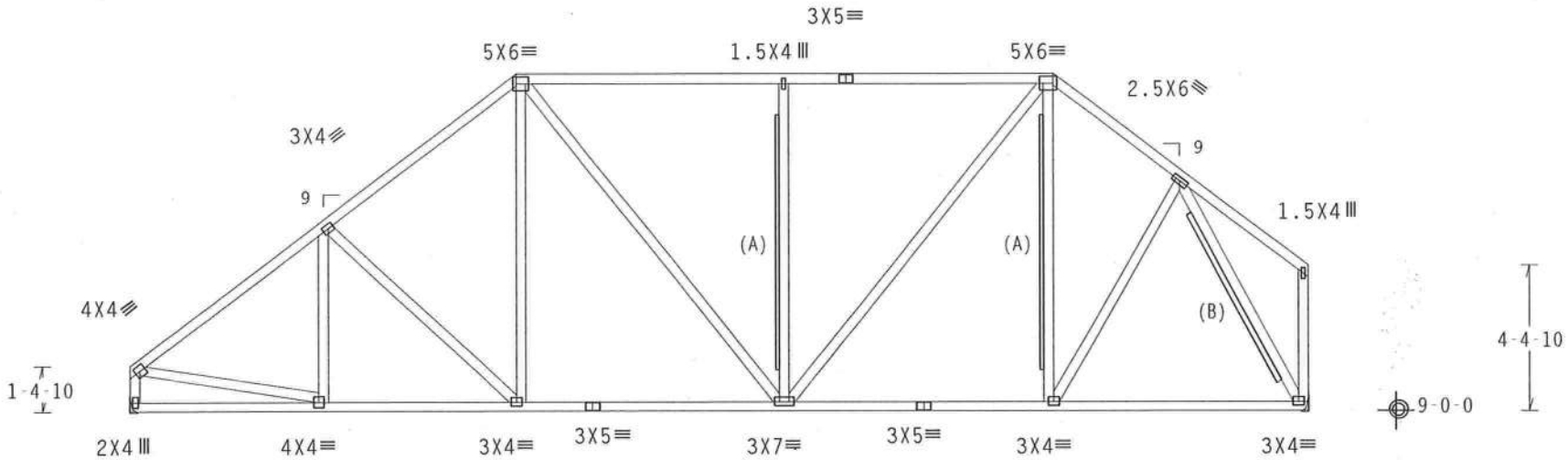
(B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

110 mph wind, 14.76 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load.



11-8-0 | 16-3-0 | 7-8-0

35-7-0 Over 2 Supports

R=1423 U=229 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1423 U=246 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.08 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7014
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095112
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 10123
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - H9A)

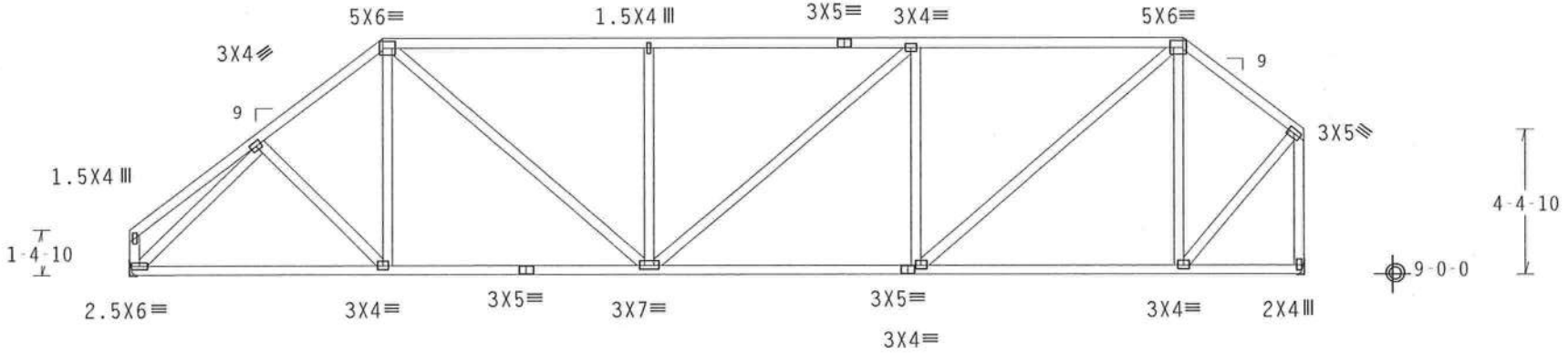
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

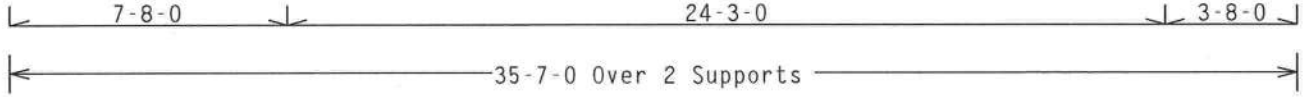
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 13.26 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.





R=1423 U=238 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1423 U=257 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (24) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04 [illegible] | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7015
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095113
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 10103
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HM7A)

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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

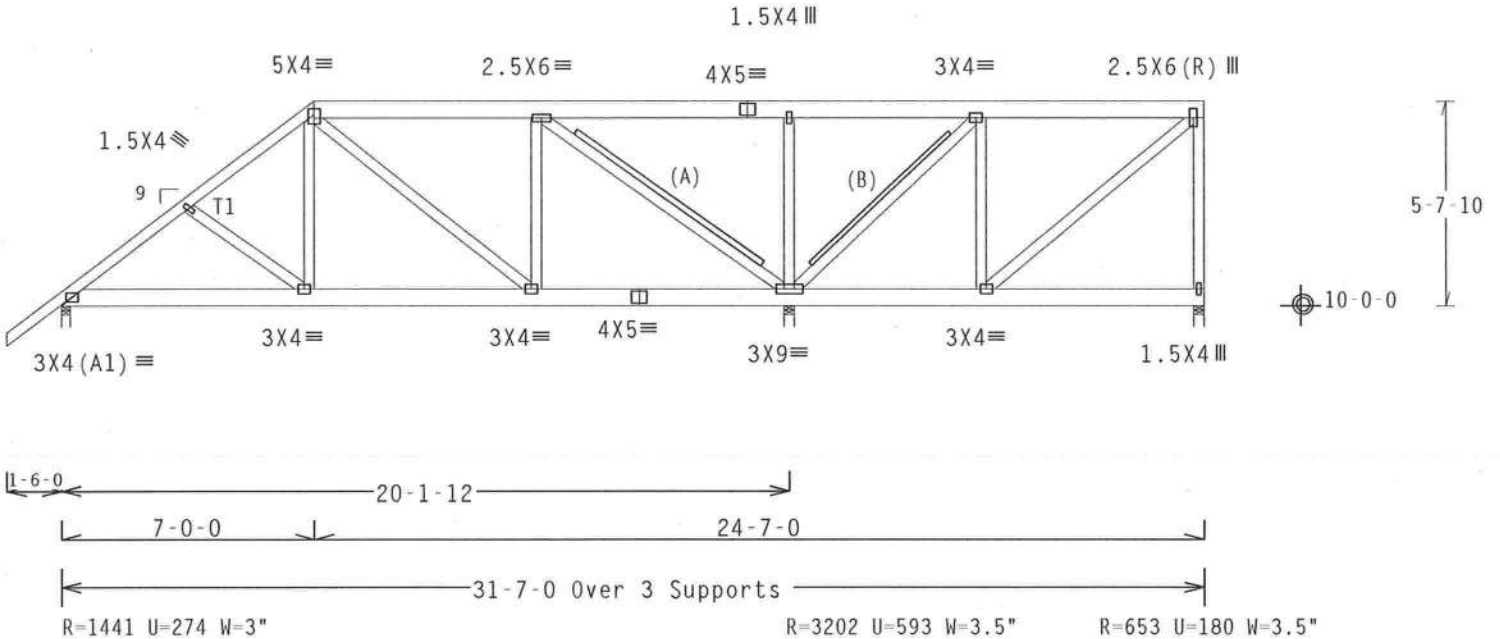
#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/360 live and L/240 total load.

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

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.085 | TY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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STATE OF
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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7016
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095114
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1214
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

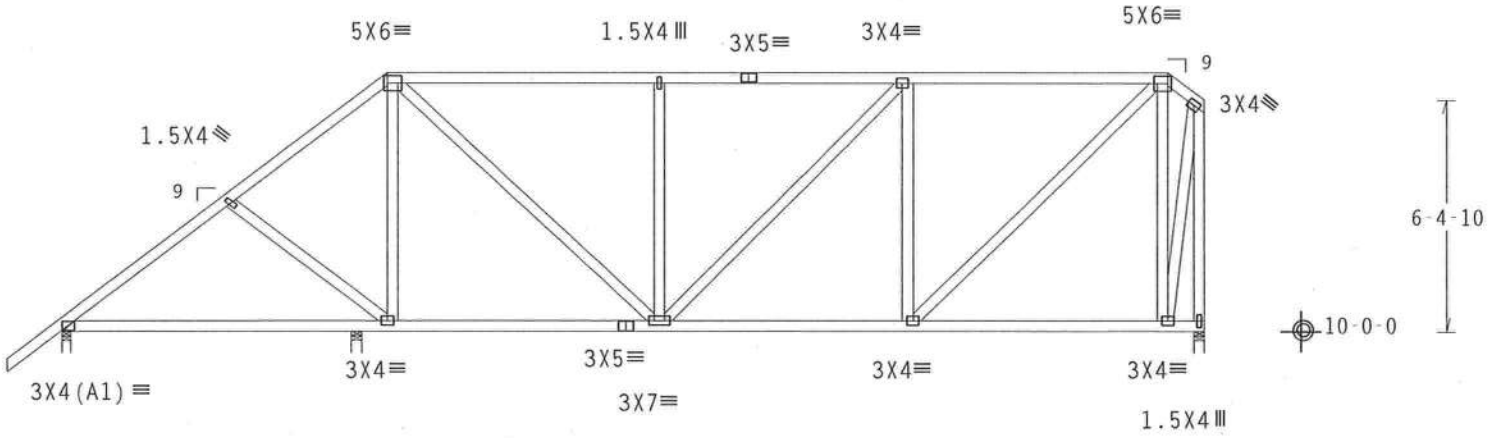
(413-MIKE TODD / KENSINGTON - HM9A)

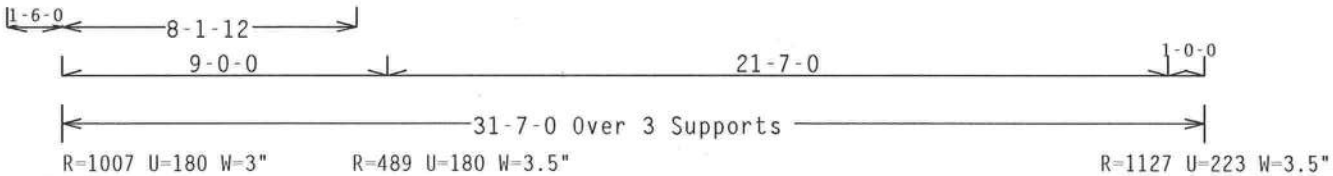
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Deflection meets L/360 live and L/240 total load.

110 mph wind, 13.20 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04-08[illegible] | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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TC LL	20.0 PSF	REF R487-- 7017
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095115
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1224
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HM11A)

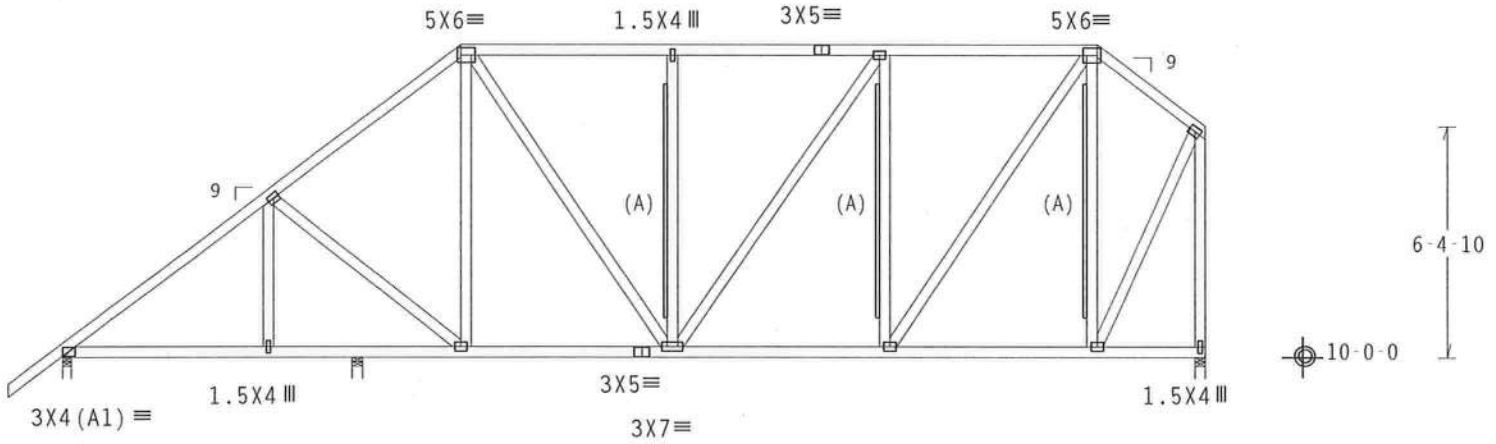
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

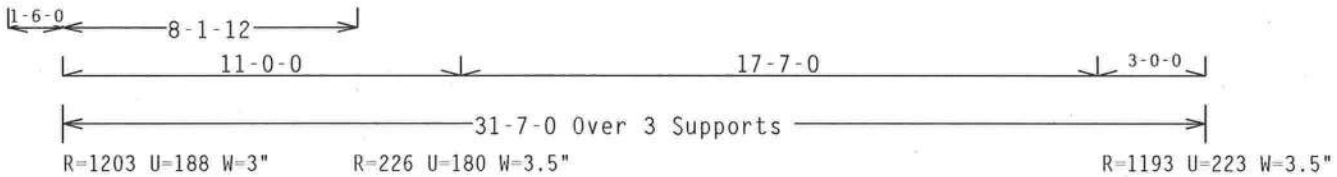
(A) 1x4 SP #3 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 13.95 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.





Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.085 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7018
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095116
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1229
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HM13A)

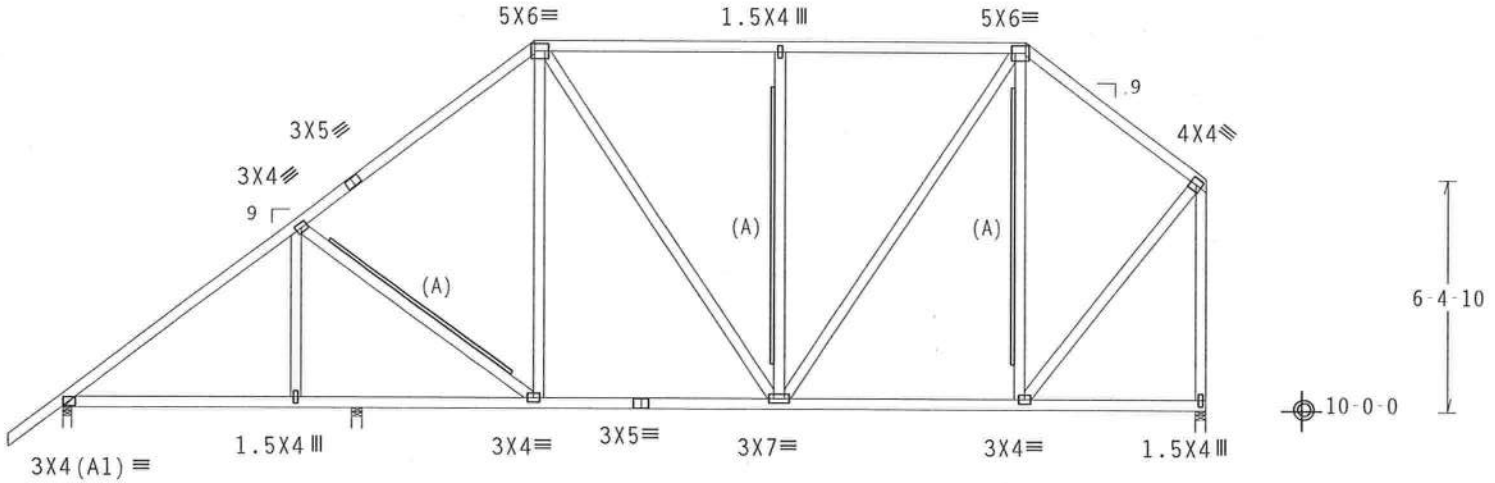
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

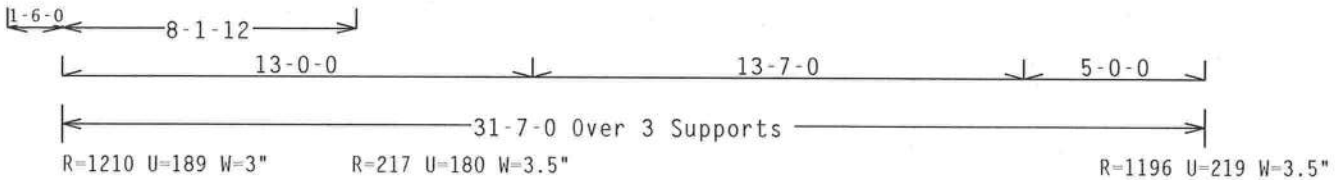
(A) 1x4 SP #3 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

110 mph wind, 14.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.000 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7019
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095117
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1237
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - A)

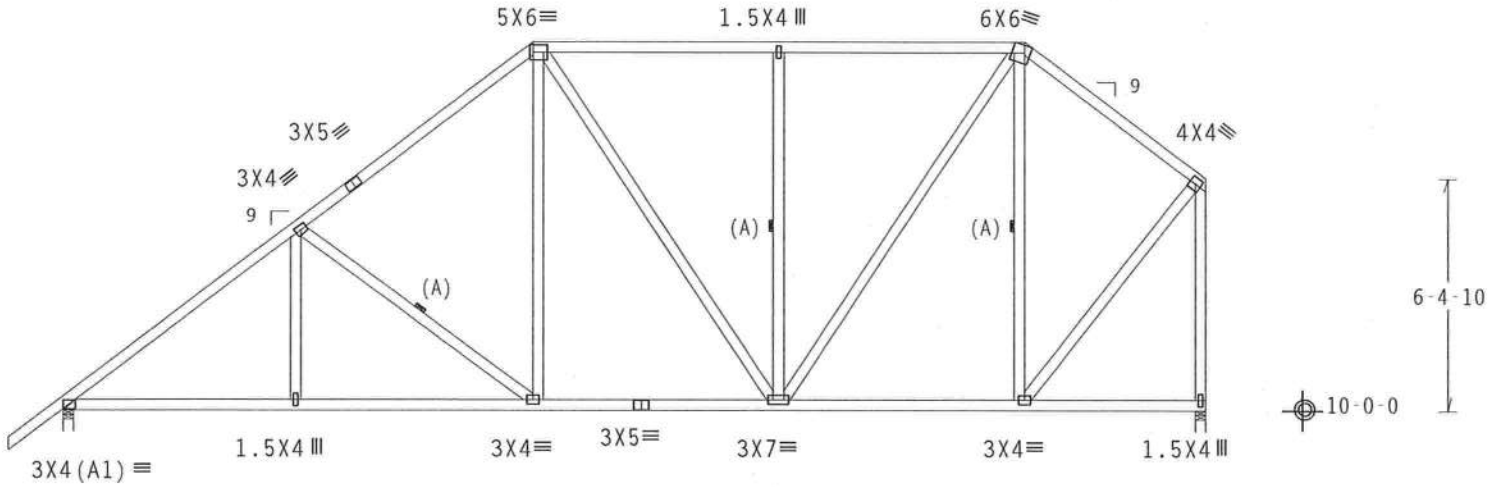
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

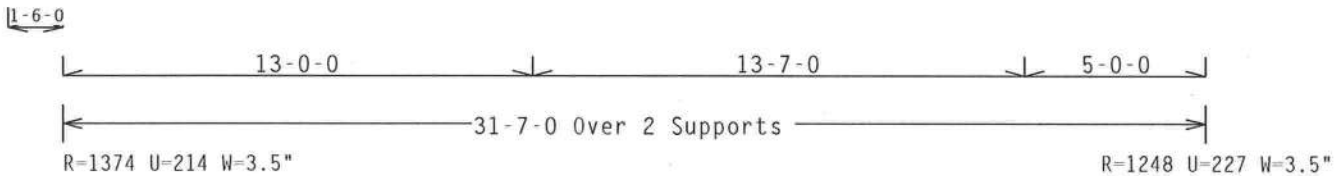
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.08 | QTY:2 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7020
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095118
BC LL	0.0 PSF		HC-ENG TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	10013
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - BGE)

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

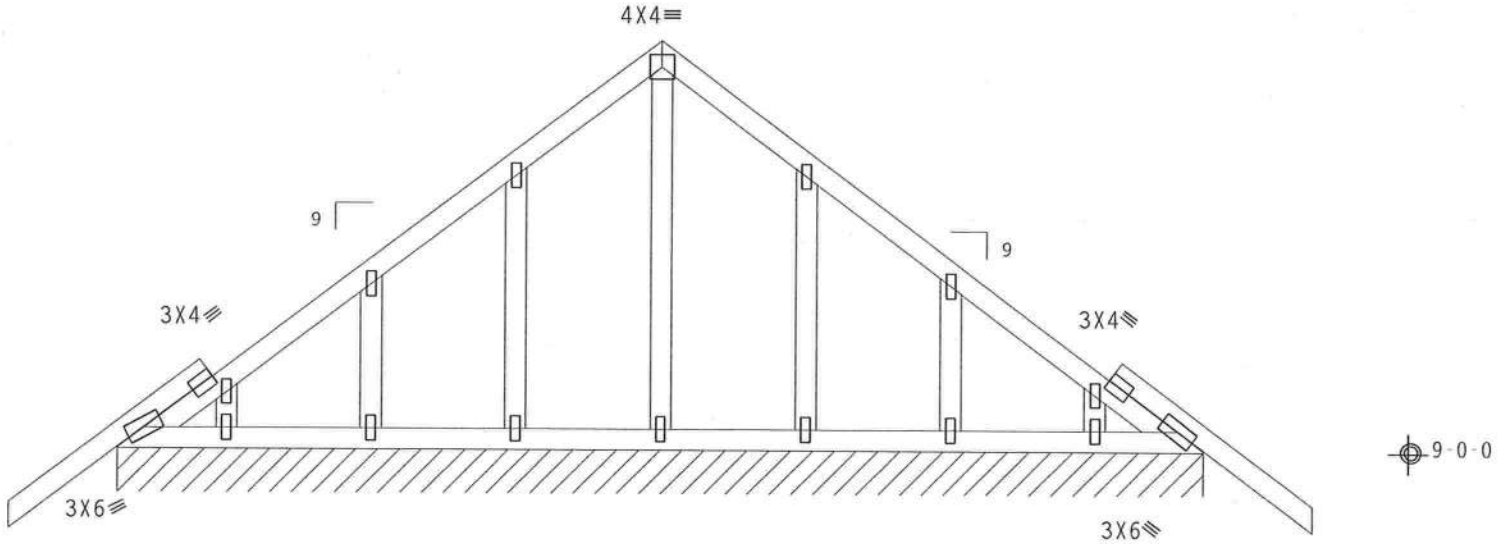
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

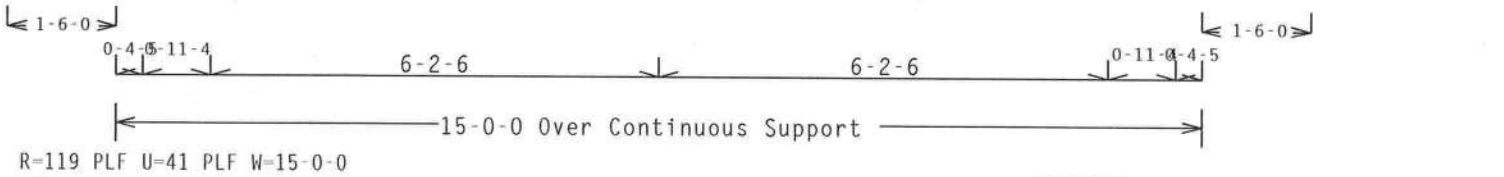
TC - From	82 PLF	at	-1.50	to	82 PLF at 16.50
BC - From	4 PLF	at	-1.50	to	4 PLF at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF at 15.00
BC - From	4 PLF	at	15.00	to	4 PLF at 16.50

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Deflection meets L/360 live and L/240 total load.





R=119 PLF U=41 PLF W=15-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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FL Certificate of Authorization # 567

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

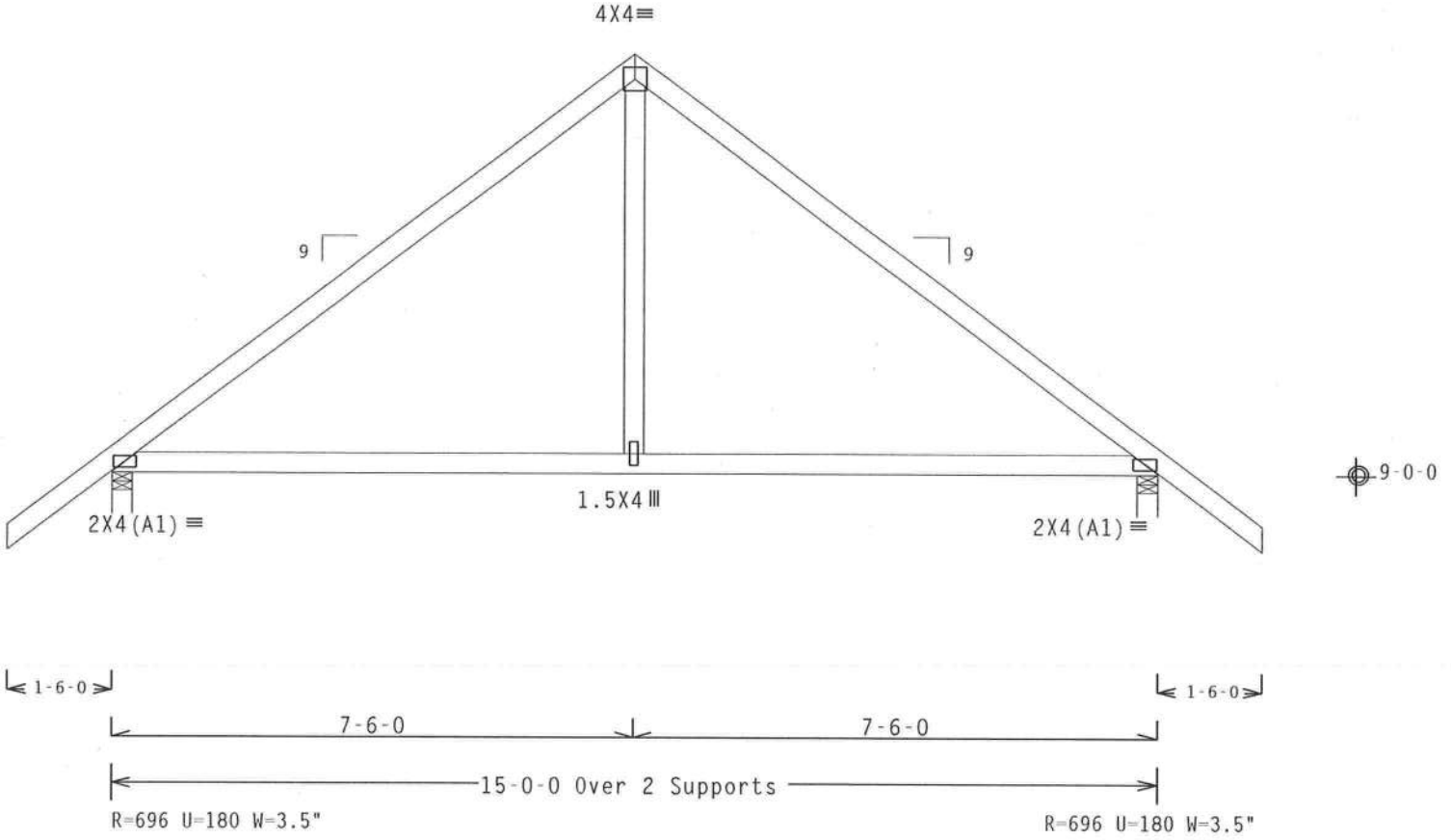
TC LL	20.0 PSF	REF	R487-- 7021
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095119
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1186
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

(415-MIKE TODD / KENSINGTON - B)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

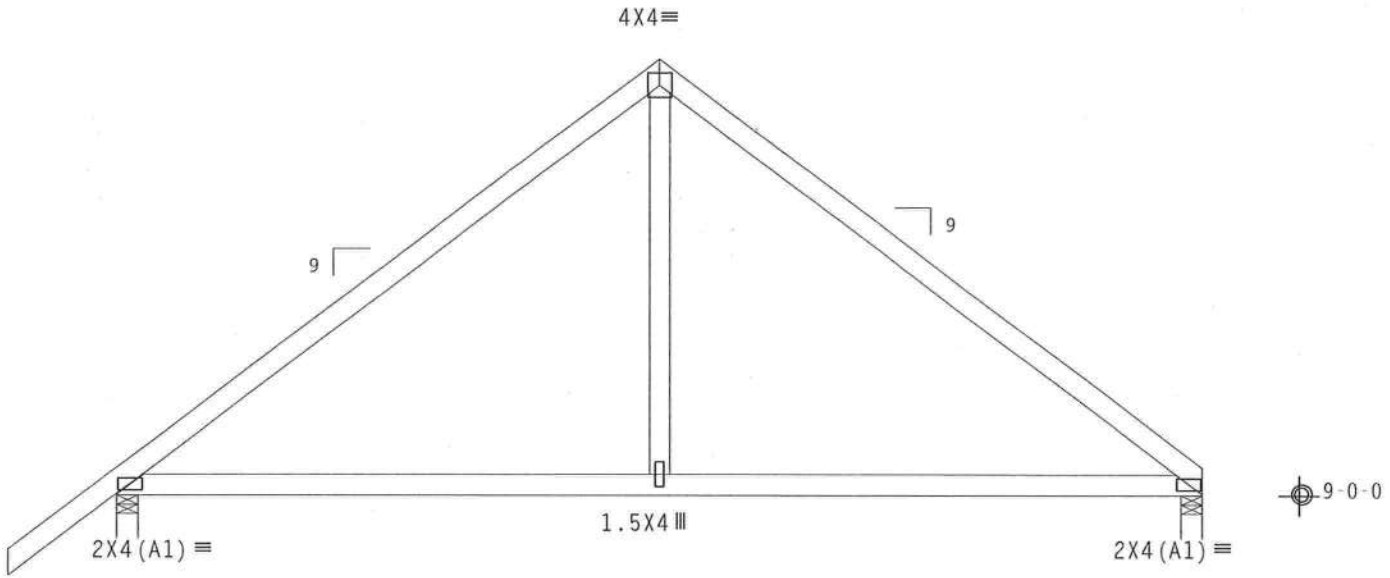
TC LL	20.0 PSF	REF R487-- 7022
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095120
BC LL	0.0 PSF	HC-ENG TCE/AF *
TOT.LD.	40.0 PSF	SEQN- 1190
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

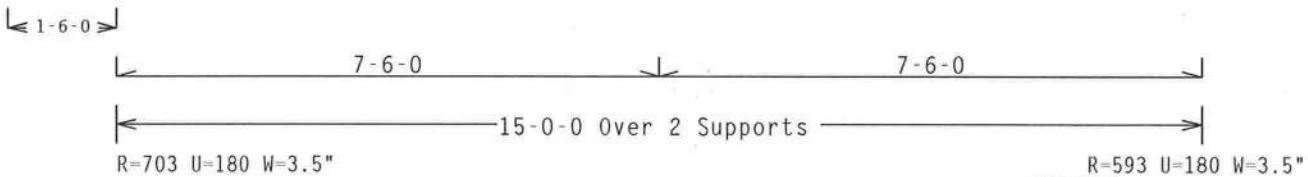
(413-MIKE TODD / KENSINGTON - BS)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 11.64 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.000 | TY:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
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FL Certificate of Authorization # 567

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487-- 7023
DATE	04/05/05
DRW	HCUSR487 05095121
	HC-ENG TCE/AF *
SEQN-	1194
JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - B-1)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W3 2x6 SP #2:
:Lt Wedge 2x6 SP #2::Rt Wedge 2x6 SP #2:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 15.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 15.00
BC - *3202 LB Conc. Load at 7.06
BC - *1423 LB Conc. Load at 9.06, 11.06, 13.06

* Provide connection for concentrated load(s) shown.

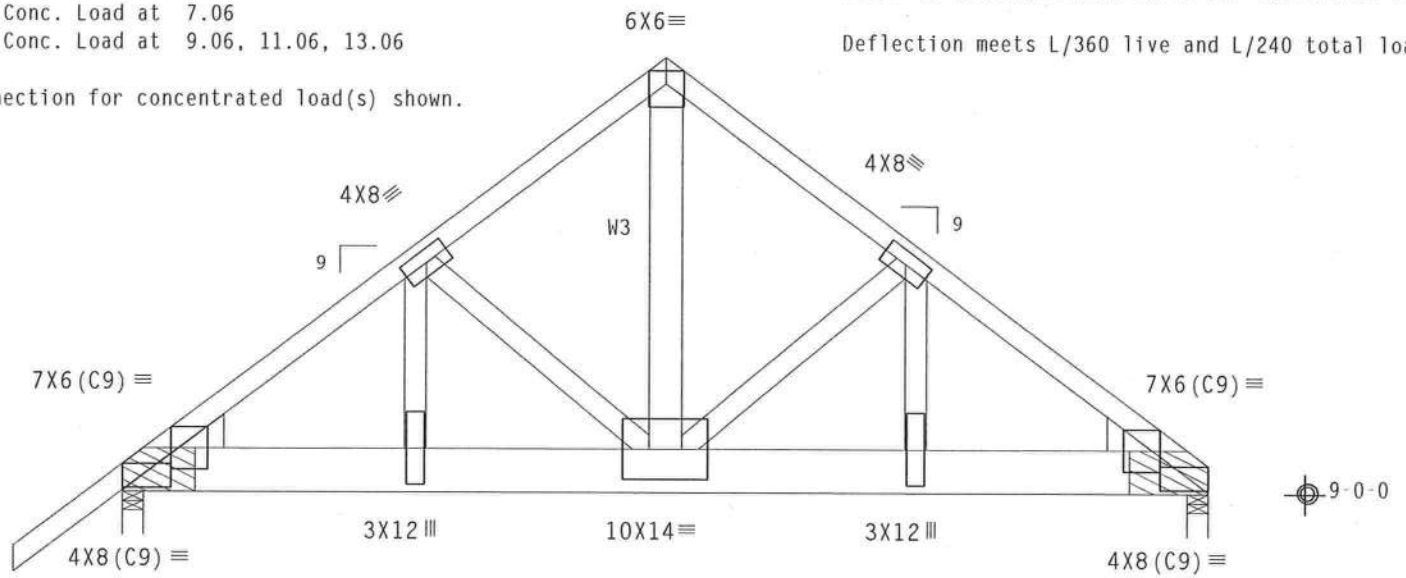
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

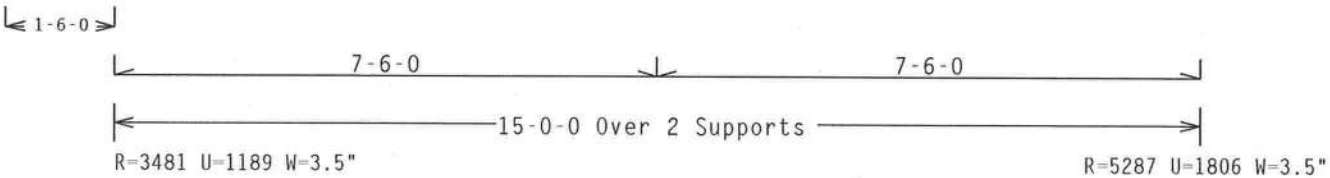
Bearing blocks: Nail type: 0.128x3.25" 12d_box_nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	12"	5	Match Truss
2	14.708'	1	13"	20	Match Truss

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0503 for additional information.

Deflection meets L/360 live and L/240 total load.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.0 | TYP.1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7024
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095126
BC LL	0.0 PSF		HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN-	50614 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

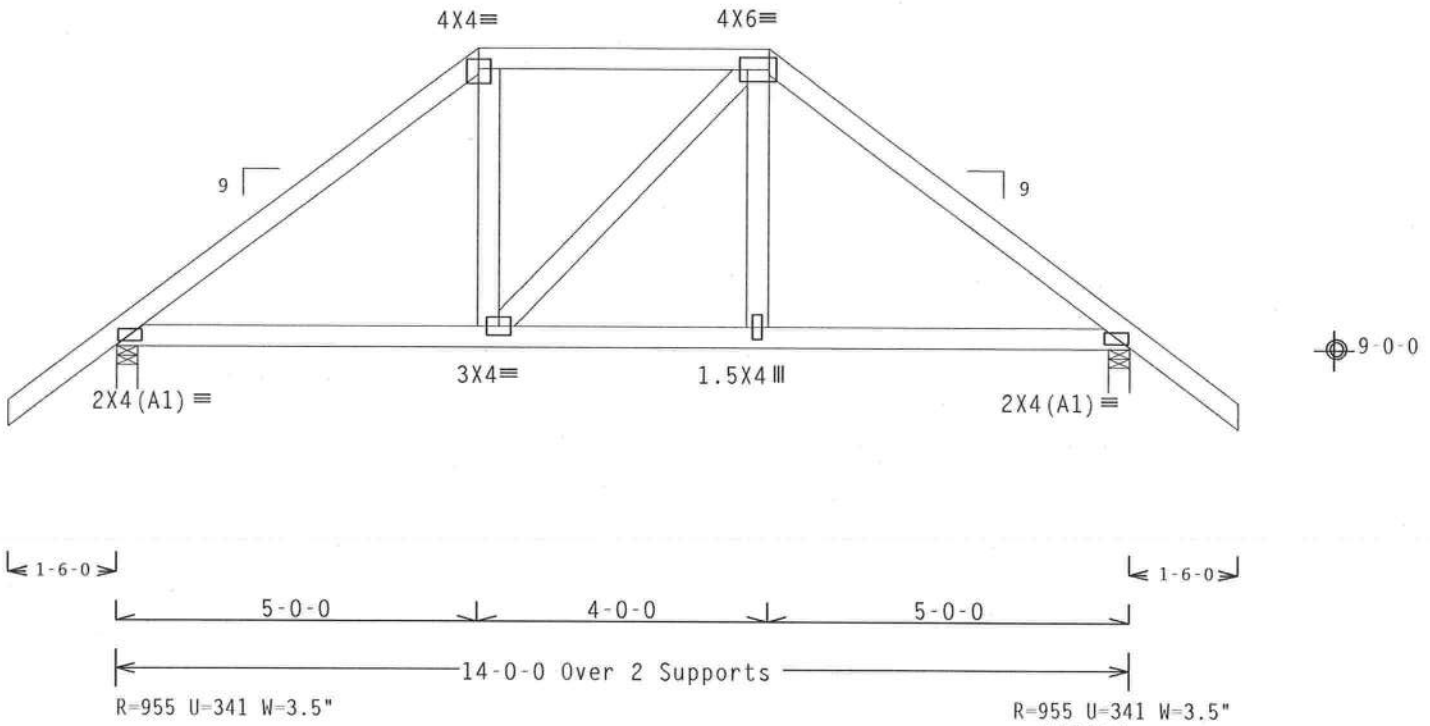
(413-MIKE TODD / KENSINGTON - H5D)

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

#1 hip supports 5-0-0 jacks with no webs.

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

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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1950 Marley Drive
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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

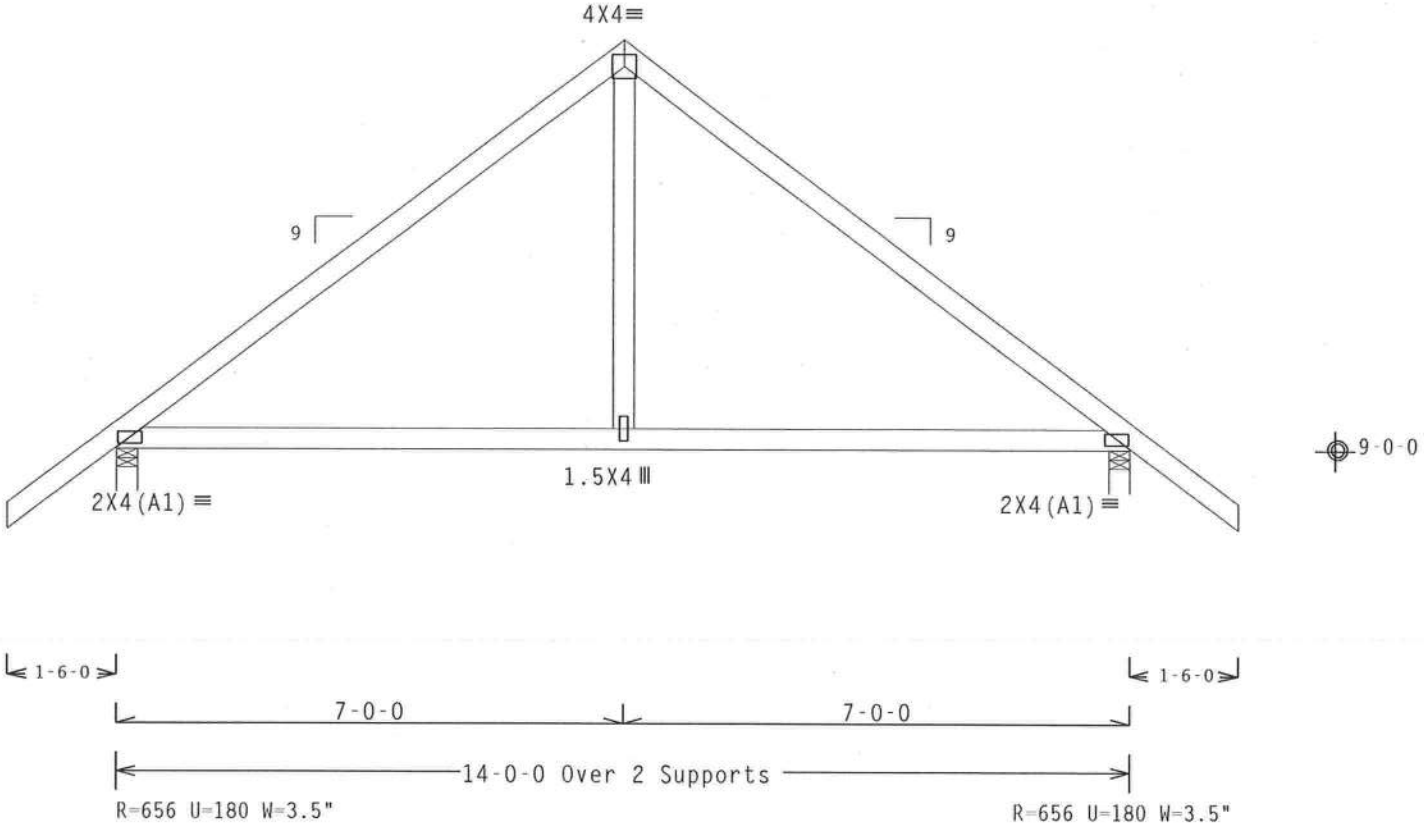
TC LL	20.0 PSF	REF	R487-- 7025
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095123
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1163
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - D)

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0806 | TY:7 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

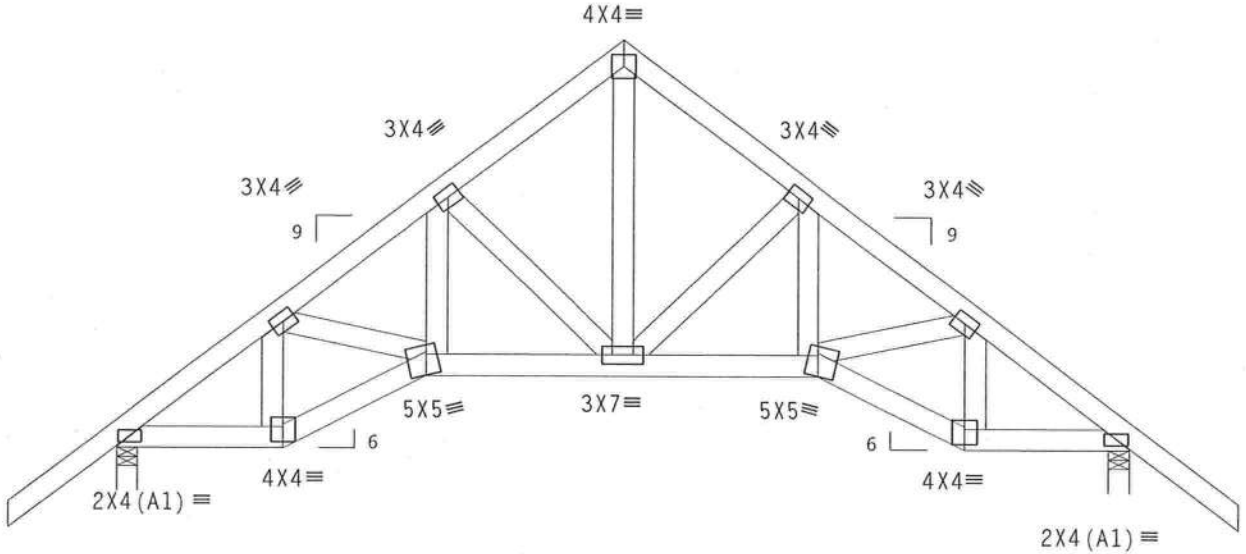
TC LL	20.0 PSF	REF R487-- 7026
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095124
BC LL	0.0 PSF	HC-ENG TCE/AF *
TOT.LD.	40.0 PSF	SEQN- 1167
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - DT)

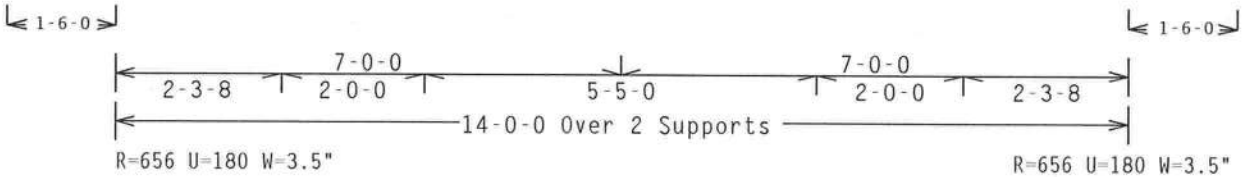
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Deflection meets L/360 live and L/240 total load.

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



9-0-0



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0505 | QTY: 6 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7027
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095125
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	1173
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - D-1)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Lt Wedge 2x6 SP #2::Rt Wedge 2x6 SP #2:

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 15.50
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 14.00
BC - From 4 PLF at 14.00 to 4 PLF at 15.50
BC - *3202 LB Conc. Load at 7.06
BC - *1423 LB Conc. Load at 9.06, 11.06, 13.06

* Provide connection for concentrated load(s) shown.

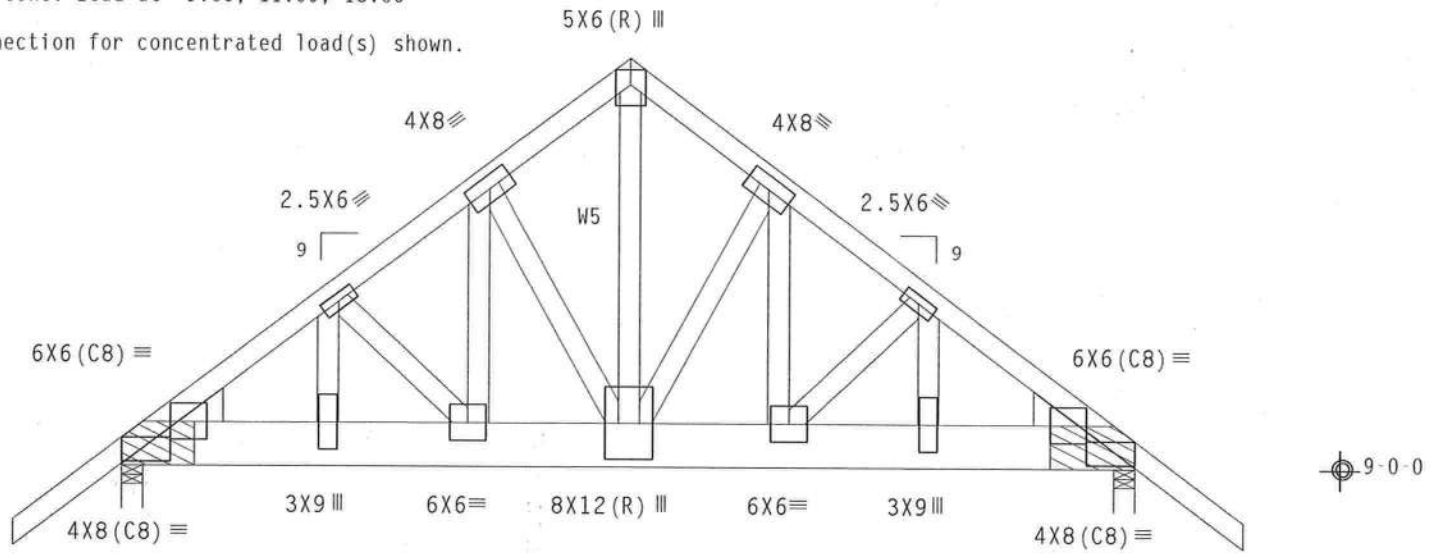
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Bearing blocks: Nail type: 0.128x3.25" 12d box nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	12"	4	Match Truss
2	13.708'	1	14"	23	Match Truss

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0503 for additional information.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.0 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7028
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095127
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	50619 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - GA)

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

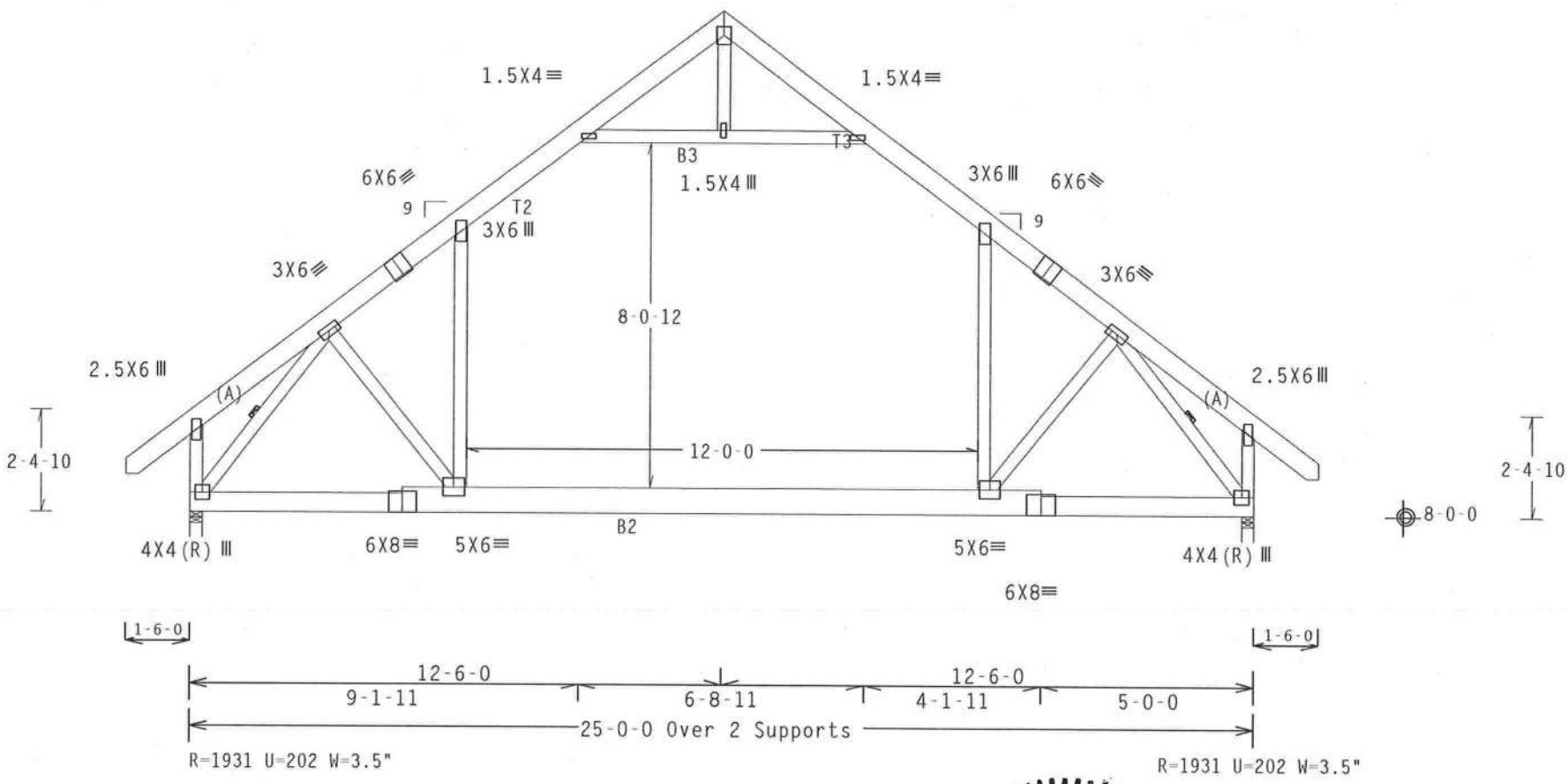
Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.51 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7029
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095128
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10133
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - GS)

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

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

Calculated horizontal deflection is 0.15" due to live load and 0.18" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

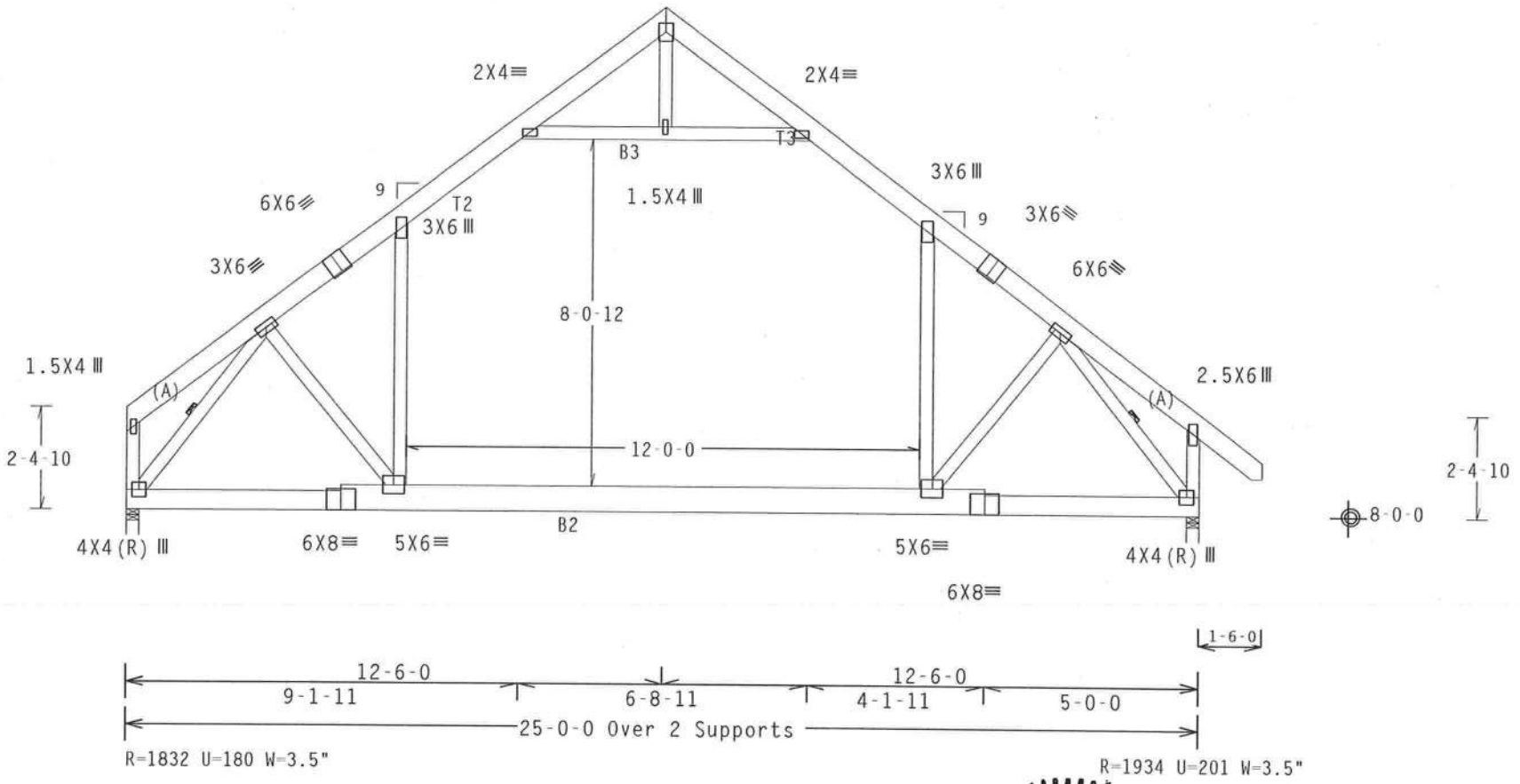
Deflection meets L/360 live and L/240 total load.

110 mph wind, 14.51 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805 TY.32

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

Scale =.25"/Ft.

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7030
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095129
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 10143
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - GS1)

Top chord 2x6 SP #2 :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

Deflection meets L/480 live and L/360 total load.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 48" OC.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_box_nails) (0.128"X3.25")
Top Chord: 1 Row @ 12" o.c.
Bot Chord: 1 Row @ 12" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

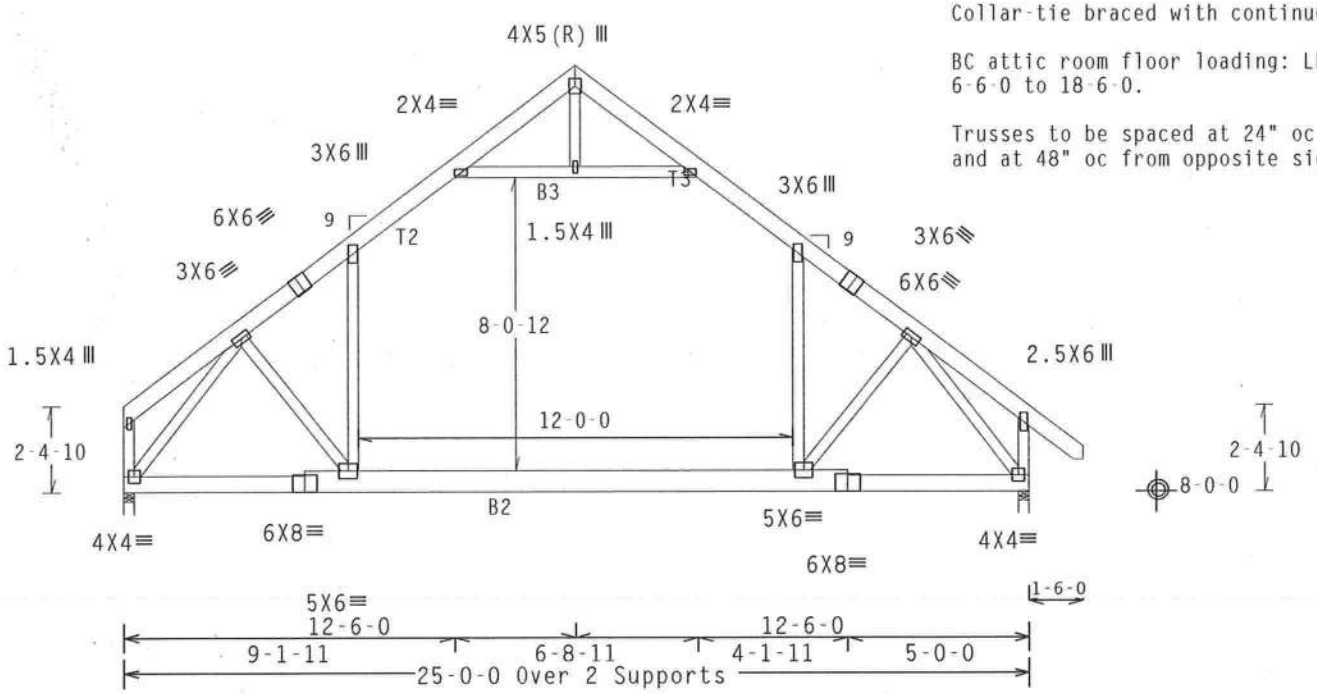
110 mph wind, 30.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-6-0 to 18-6-0.

Trusses to be spaced at 24" oc from one side and at 48" oc from opposite side.



R=2572 U=458 W=3.5"

R=2725 U=518 W=3.5"

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.07 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7031
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095145
BC LL	0.0 PSF	HC-ENG AF/AF
TOT.LD.	40.0 PSF	SEQN- 50634 REV
DUR.FAC.	1.25	
SPACING	See above	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - GGE)

Top chord 2x4 SP #2 Dense :T3, T4 2x6 SP #1 Dense:
Bot chord 2x6 SP #2 :B2 2x8 SP SS:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

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

TC - From	82 PLF	at	-1.50	to	82 PLF	at 6.50
TC - From	102 PLF	at	6.50	to	102 PLF	at 9.14
TC - From	82 PLF	at	9.14	to	82 PLF	at 15.86
TC - From	102 PLF	at	15.86	to	102 PLF	at 18.50
TC - From	82 PLF	at	18.50	to	82 PLF	at 26.50
PLT- From	20 PLF	at	9.96	to	20 PLF	at 15.04
BC - From	4 PLF	at	-1.50	to	4 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 6.50
BC - From	120 PLF	at	6.50	to	120 PLF	at 18.50
BC - From	20 PLF	at	18.50	to	20 PLF	at 25.00
BC - From	4 PLF	at	25.00	to	4 PLF	at 26.50

BC - 122 LB Conc. Load at 6.50, 18.50

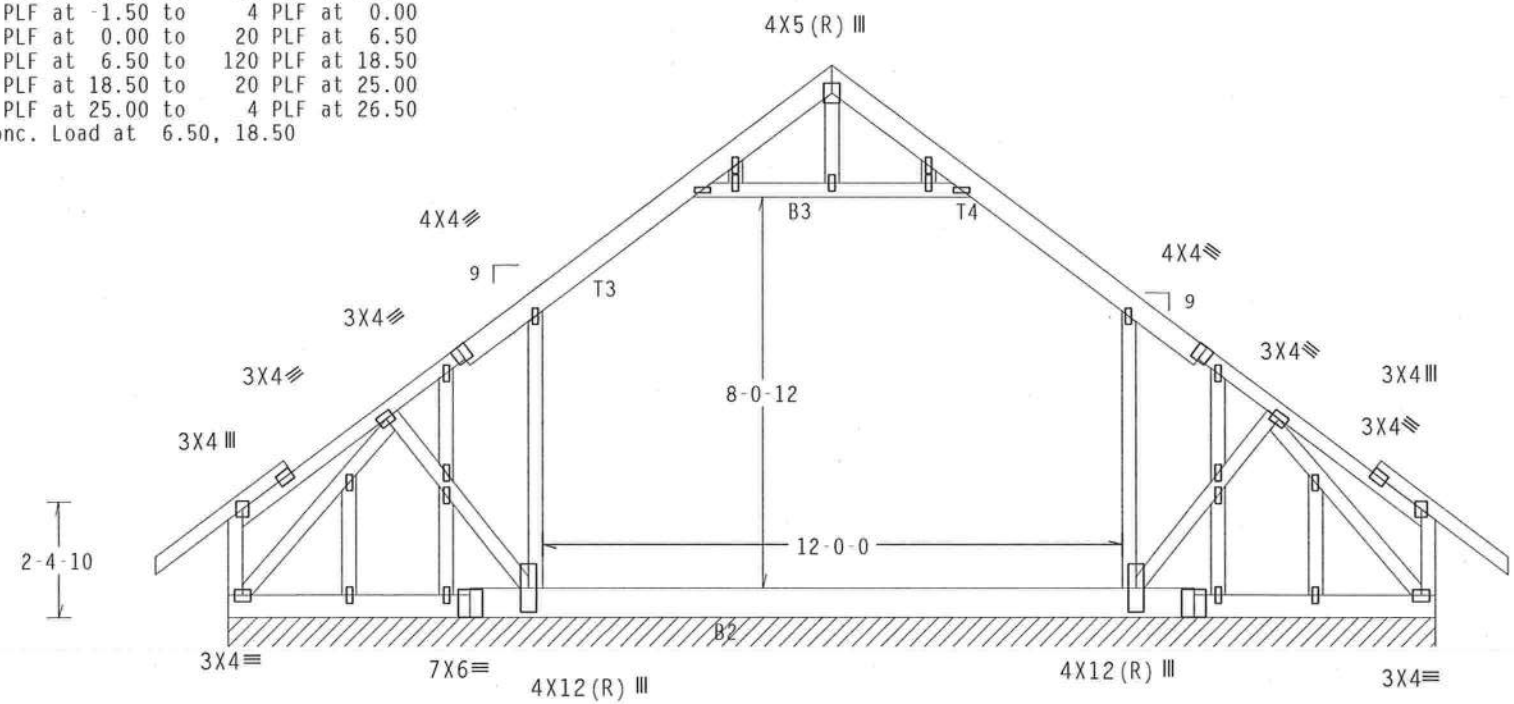
110 mph wind, 14.33 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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

Deflection meets L/360 live and L/240 total load.



R=178 PLF U=39 PLF W=25-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | TY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7032
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095130
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 10175
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SLY487_Z05

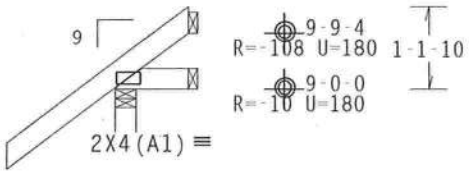
(413-MIKE TODD / KENSINGTON - CJ1)

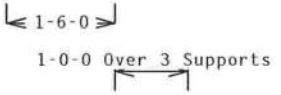
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/360 live and L/240 total load.

110 mph wind, 9.20 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:6 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7033
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095131
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1144
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HJ5)

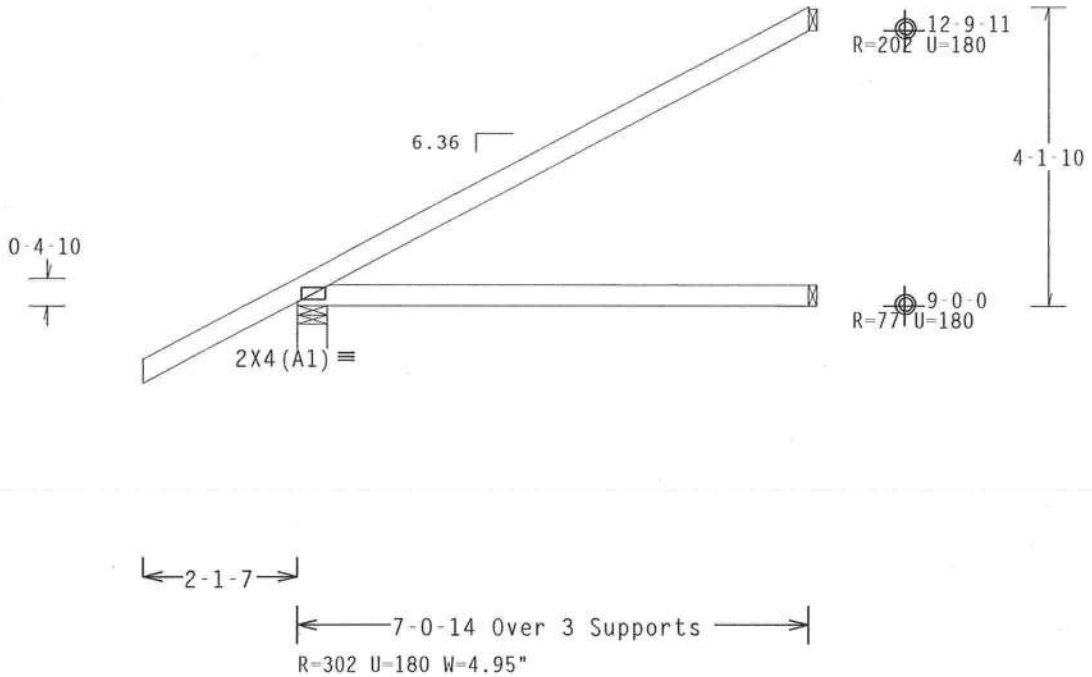
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 5-0-0 setback jacks with no webs.

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

Deflection meets L/360 live and L/240 total load.

Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 15 | TY:12 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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FL Certificate of Authorization # 567

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7034
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095132
BC LL	0.0 PSF		HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1159
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HJ7)

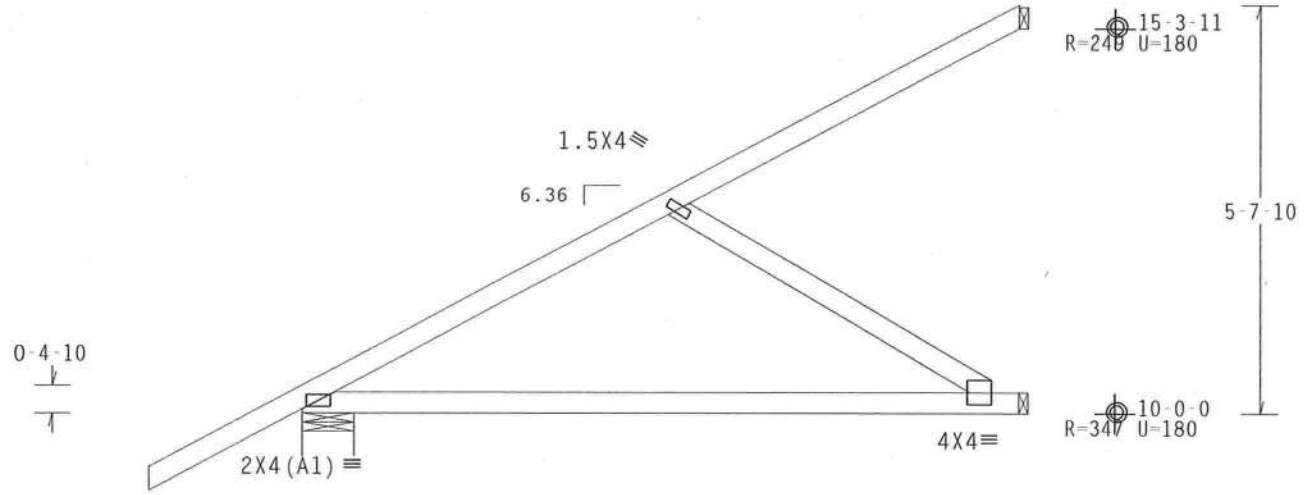
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

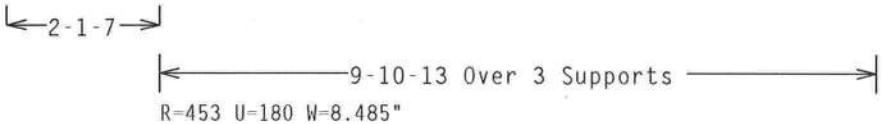
Hipjack supports 7-0-0 setback jacks with no webs.

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

Deflection meets L/360 live and L/240 total load.

Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005.15 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER
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No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7035
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095133
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1205
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SLY487_Z05

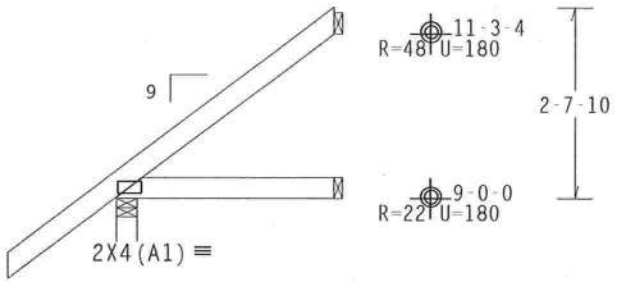
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

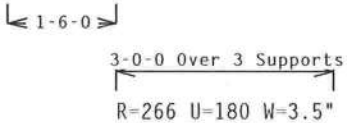
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/360 live and L/240 total load.

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 9.95 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0818 | TY:6 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7036
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095134
BC LL	0.0 PSF	HC-ENG	TCE/AF *
TOT.LD.	40.0 PSF	SEQN-	1150
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

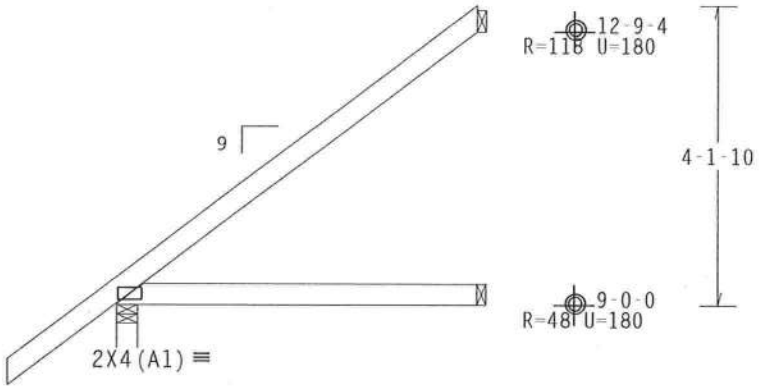
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 10.70 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



1-6-0

5-0-0 Over 3 Supports
R=330 U=180 W=3.5"

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005.15 | TY:35 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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ARTHUR R. FISHER
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No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7037
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095135
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1154
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

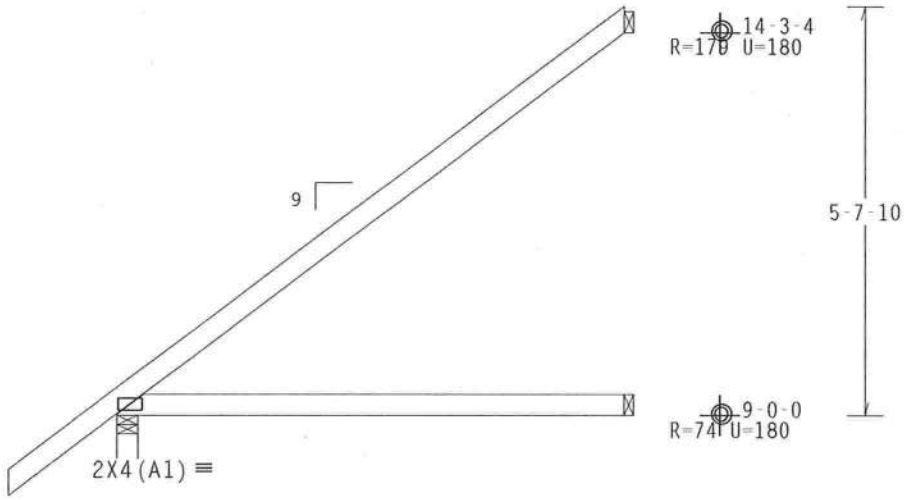
(413-MIKE TODD / KENSINGTON - EJ7)

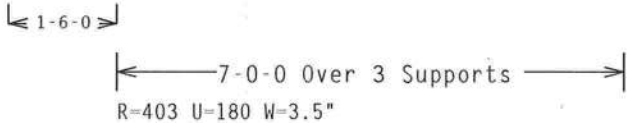
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/360 live and L/240 total load.

Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 11.45 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | TY331 FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7038
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095136
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1198
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HM15AP)

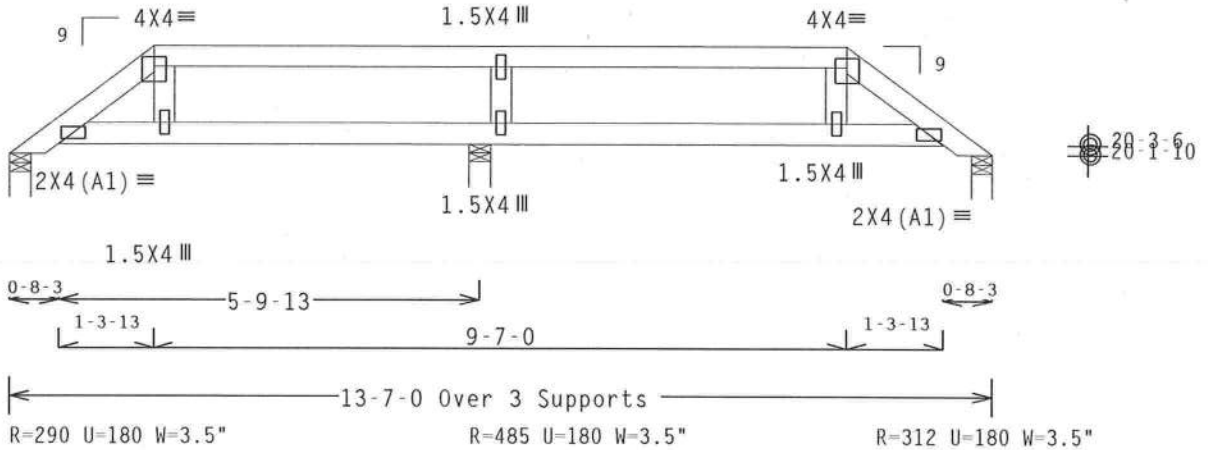
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 20.89 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7039
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095137
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1246
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

(413-MIKE TODD / KENSINGTON - HM17AP)

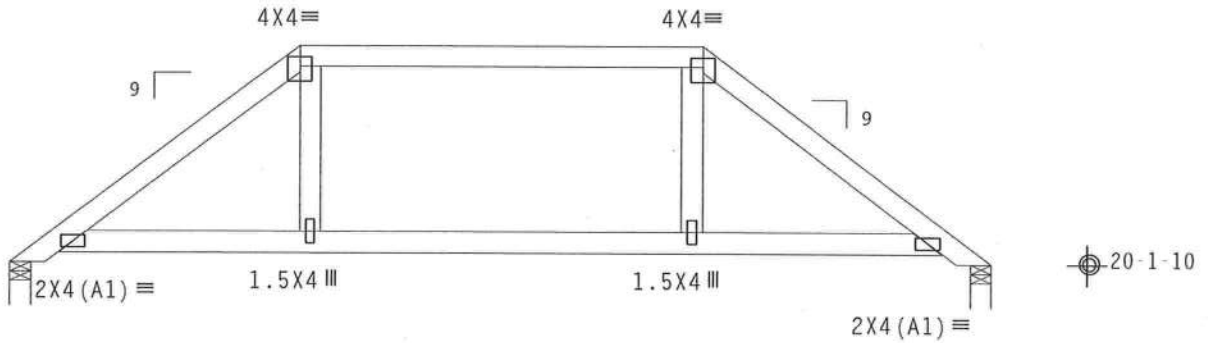
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 21.64 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | MWFRS | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7040
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095138
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1252
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

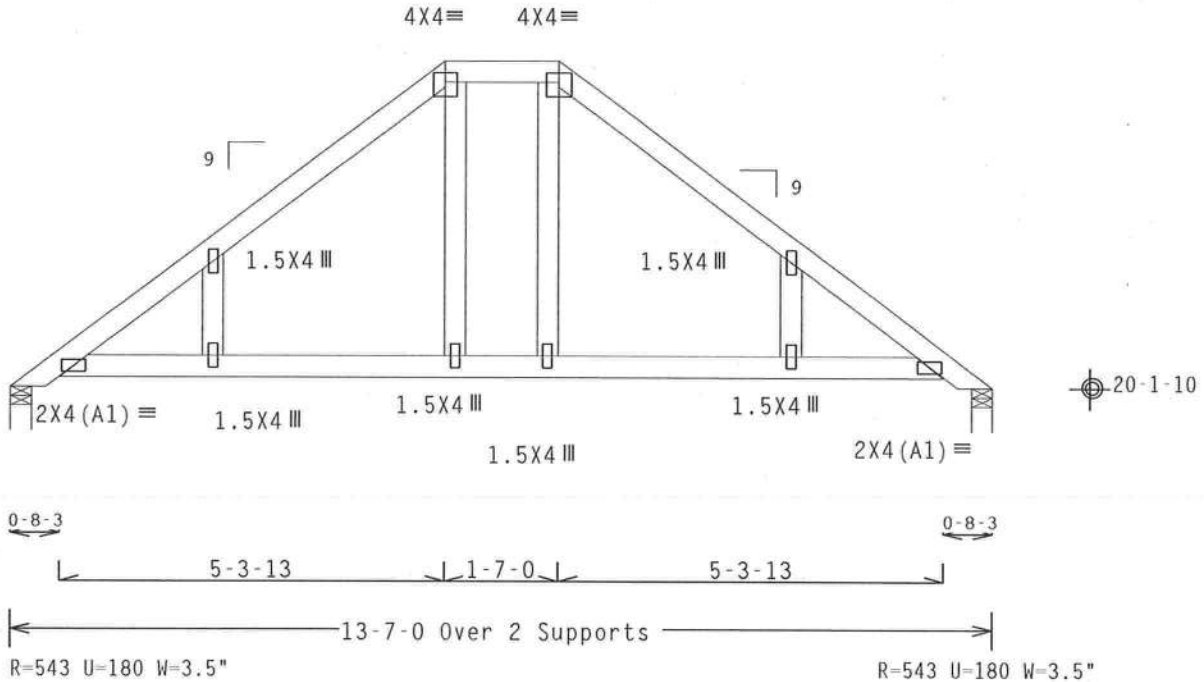
(413-MIKE TODD / KENSINGTON - HM19AP)

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 22.39 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF R487-- 7041
TC DL	10.0 PSF	DATE 04/05/05
BC DL	10.0 PSF	DRW HCUSR487 05095139
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 1259
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SLY487_Z05

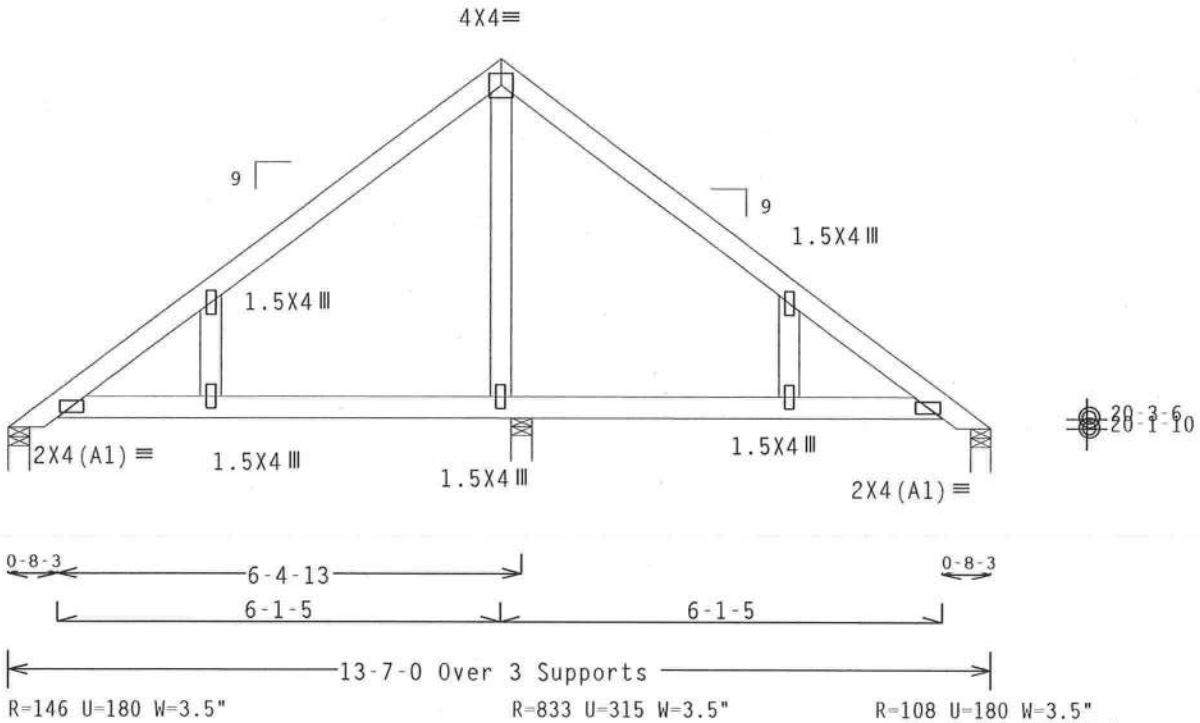
(413-MIKE TODD / KENSINGTON - AP)

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 22.68 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | TY:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7042
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095140
BC LL	0.0 PSF		HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN-	1268
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

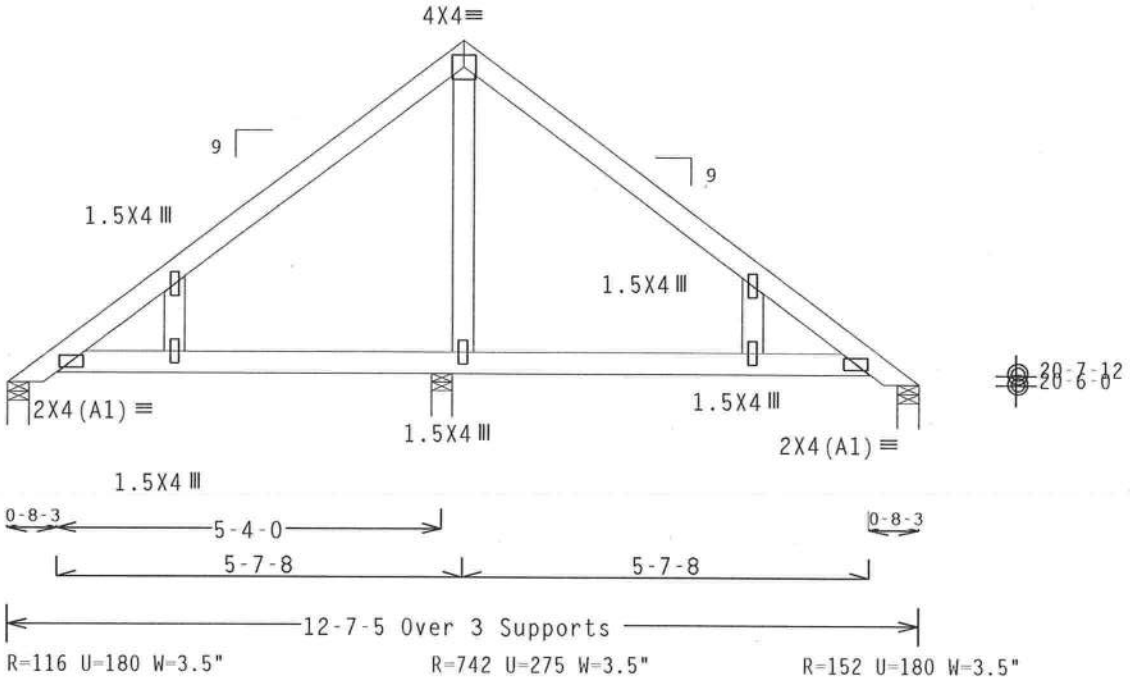
(413-MIKE TODD / KENSINGTON - A1P)

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 22.86 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0309 | TY33 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
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ARTHUR R. FISHER
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No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7043
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095141
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10028
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

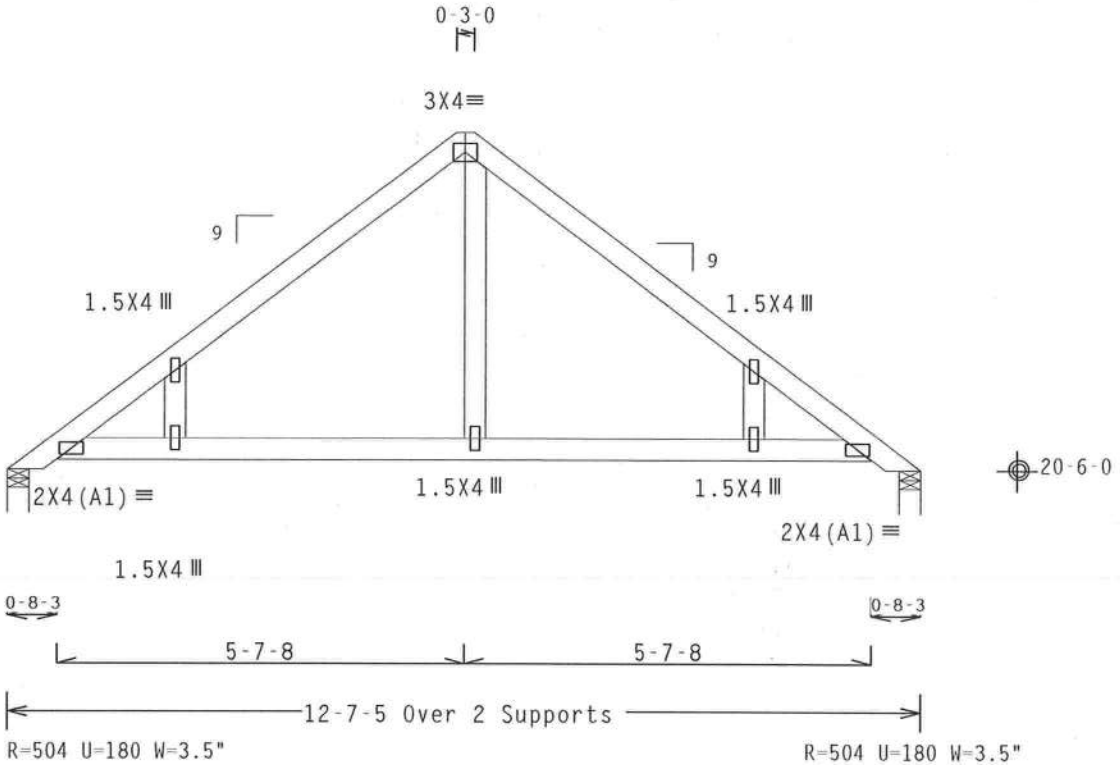
(413-MIKE TODD / KENSINGTON - H21AP)

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 22.82 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0405 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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

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ARTHUR R. FISHER
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7044
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095142
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10062
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

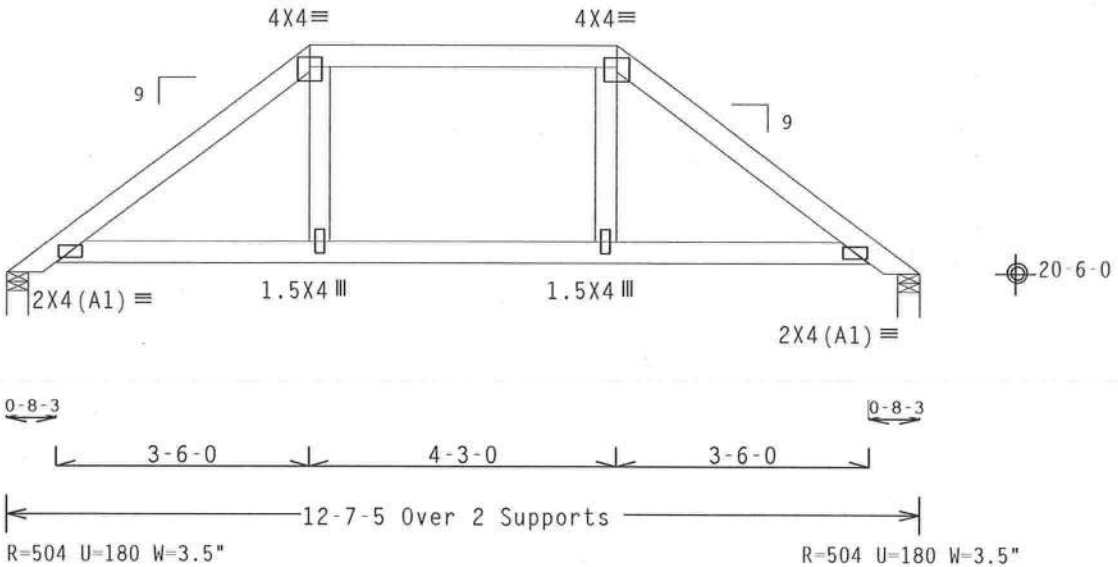
(413-MIKE TODD / KENSINGTON - H19AP)

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 22.07 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.08 | TY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7045
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095143
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10068
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

(413-MIKE TODD / KENSINGTON - H17AP)

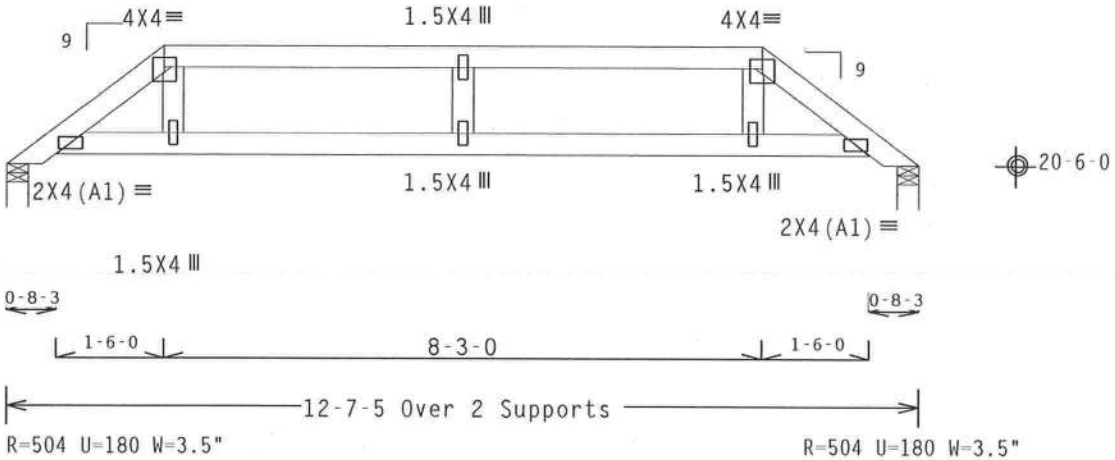
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Deflection meets L/360 live and L/240 total load.

Refer to DWG PIGBACKB0204 for piggyback details.
Top chord of supporting truss under piggyback to be braced at 24" oc.

110 mph wind, 21.32 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0005 | TY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
Apr 05 '05

TC LL	20.0 PSF	REF	R487-- 7046
TC DL	10.0 PSF	DATE	04/05/05
BC DL	10.0 PSF	DRW	HCUSR487 05095144
BC LL	0.0 PSF	HC-ENG	TCE/AF
TOT.LD.	40.0 PSF	SEQN-	10074
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SLY487_Z05

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.

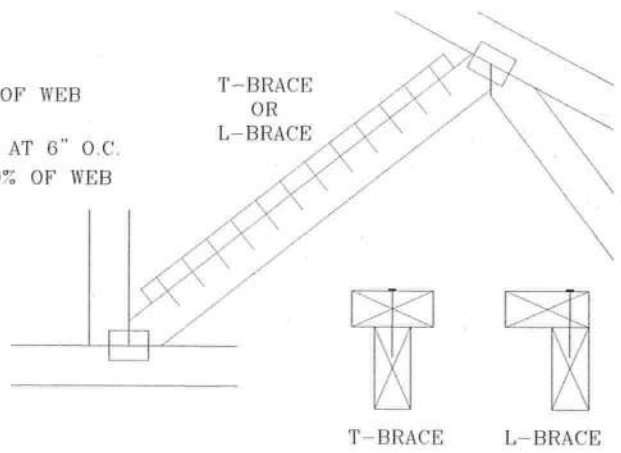
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

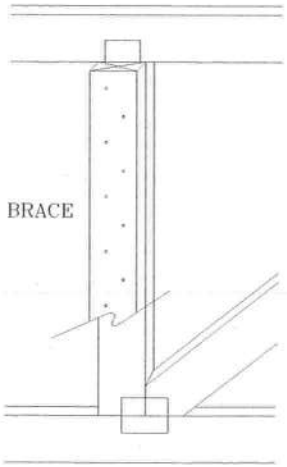
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d 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 OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF
04/01/2004
FLORIDA
PROFESSIONAL ENGINEER

TC LL	PSF	
TC DL	PSF	
BC DL	PSF	
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

REF	CLB SUBST.
DATE	11/26/03
DRWG	BRCLBSUB1103
-ENG	MLH/KAR

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" OC MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

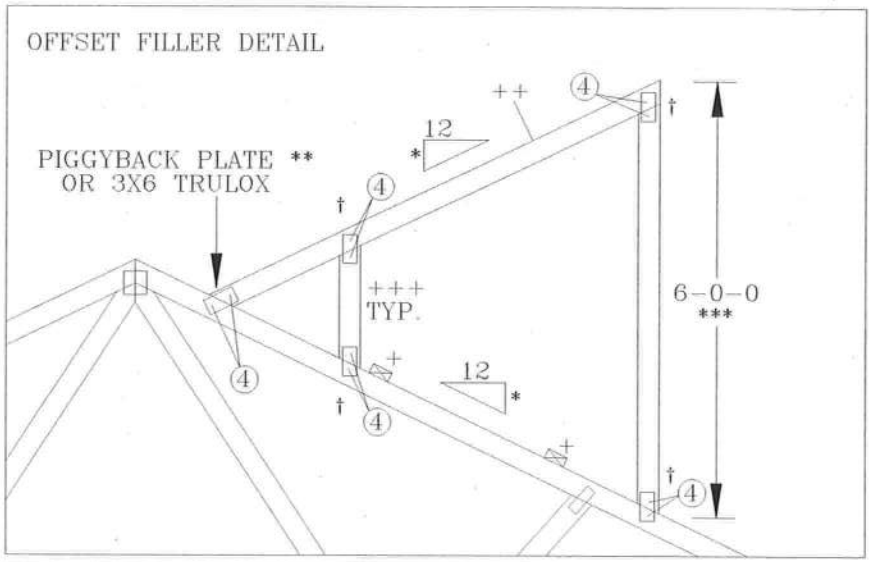
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

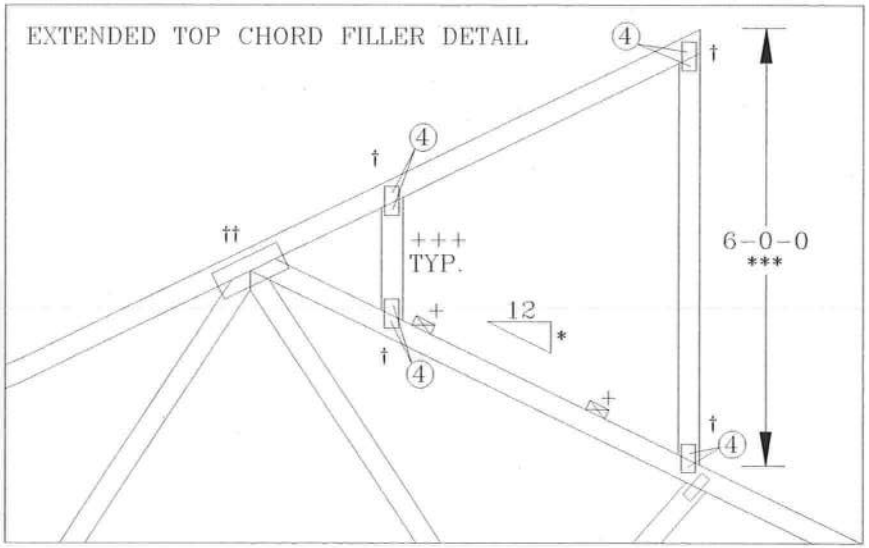
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

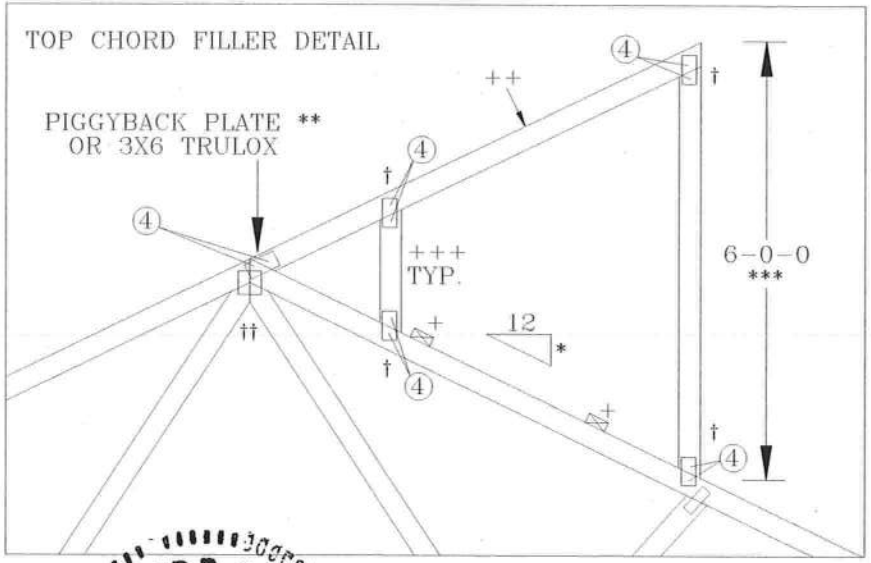
OFFSET FILLER DETAIL



EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF
04/01/2005
FLORIDA
PROFESSIONAL ENGINEER

TC LL	MAX 30	PSF
TC DL	MAX 15	PSF
BC DL	MAX 10	PSF
BC LL	0	PSF
TOT. LD.	MAX 55	PSF
DUR. FAC.	1.15 OR 1.33	
SPACING	24.0"	

REF	TC-FILLER
DATE	11/26/03
DRWG	TCFILLER1103
-ENG	SJP/KAR

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

\+ 3X4 WAVE OR 4X8 TRULOX

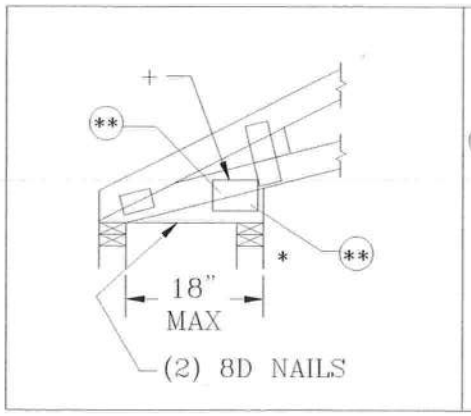
++ 2X4 WAVE OR 3X6 TRULOX

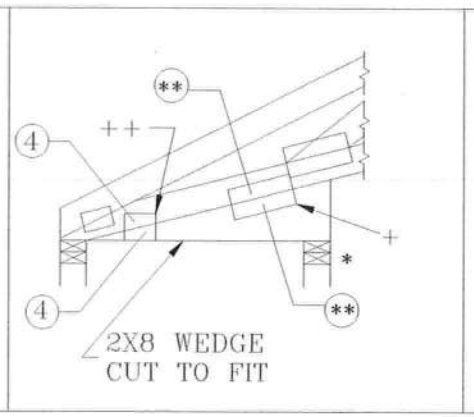
11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

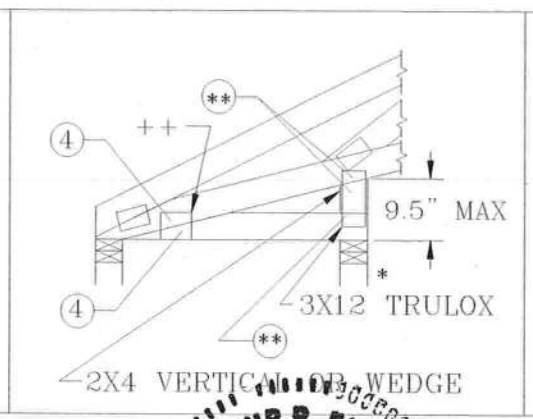
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

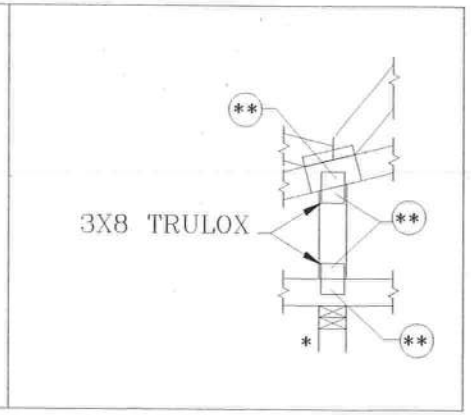
ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6









THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

TC LL	—	PSF	REF BC FILLER
TC DL	—	PSF	DATE 11/26/03
BC DL	10.0	PSF	DRWG BCFILLER1103
BC LL	—	PSF	-ENG DLJ/KAR
TOT. LD.	—	PSF	
DUR. FAC. 1.0/1.15/1.25/1.33			
SPACING 24.0"			

ASCE 7-98: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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:

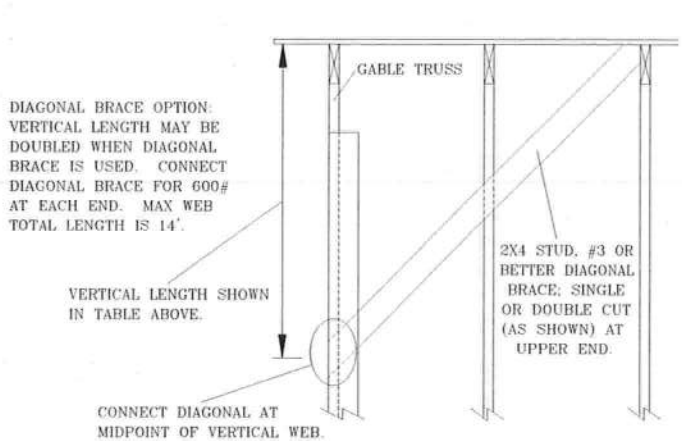
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

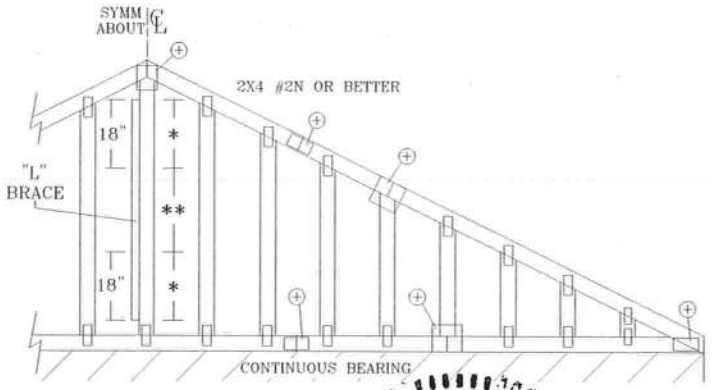
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX. ALLOWABLE 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.
* 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"	2X4
GREATER THAN 11' 6"	2.5X4

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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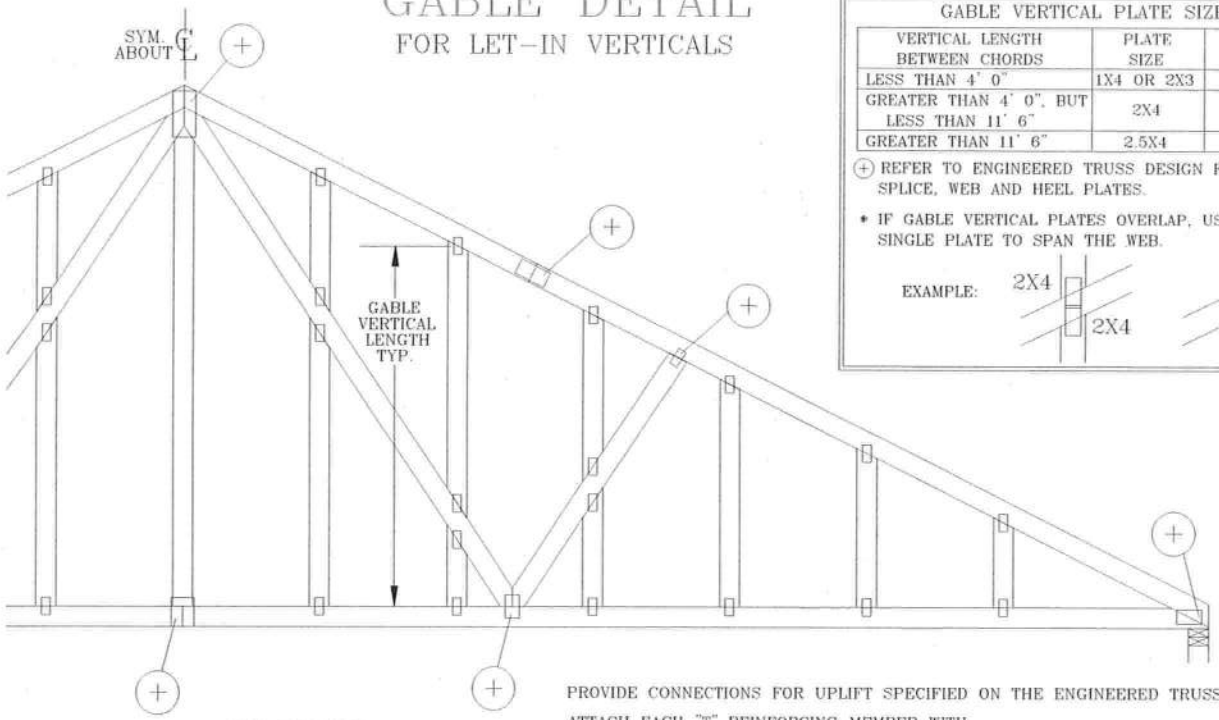
ARTHUR R. FISHER CERTIFICATE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER 04/30/2005

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-98-GABI1015
DATE	11/26/03
DRWG	A11015EC1103
-ENG	

GABLE DETAIL
FOR LET–IN VERTICALS

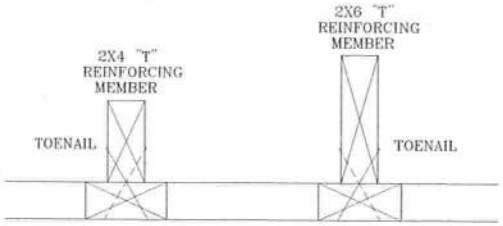


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE:



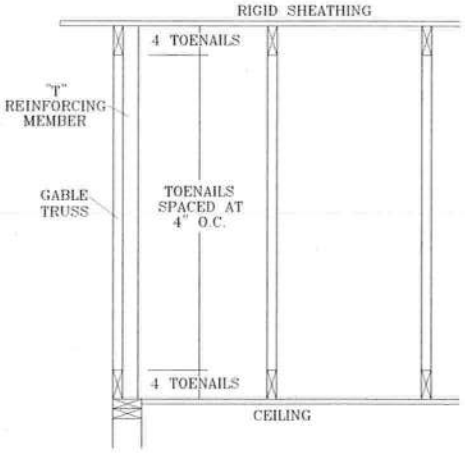
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS – 0.131" X 3":
TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7–93 GABLE DETAIL DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7–98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
SBCCI GABLE DETAIL DRAWINGS
S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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IMPORTANT FURNISH COPY OF THIS DESIGN TO 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 (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.

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

REF	LET–IN VERT
DATE	01/16/04
DRWG	GBLLETIN1103
–ENG	DLJ/KAR

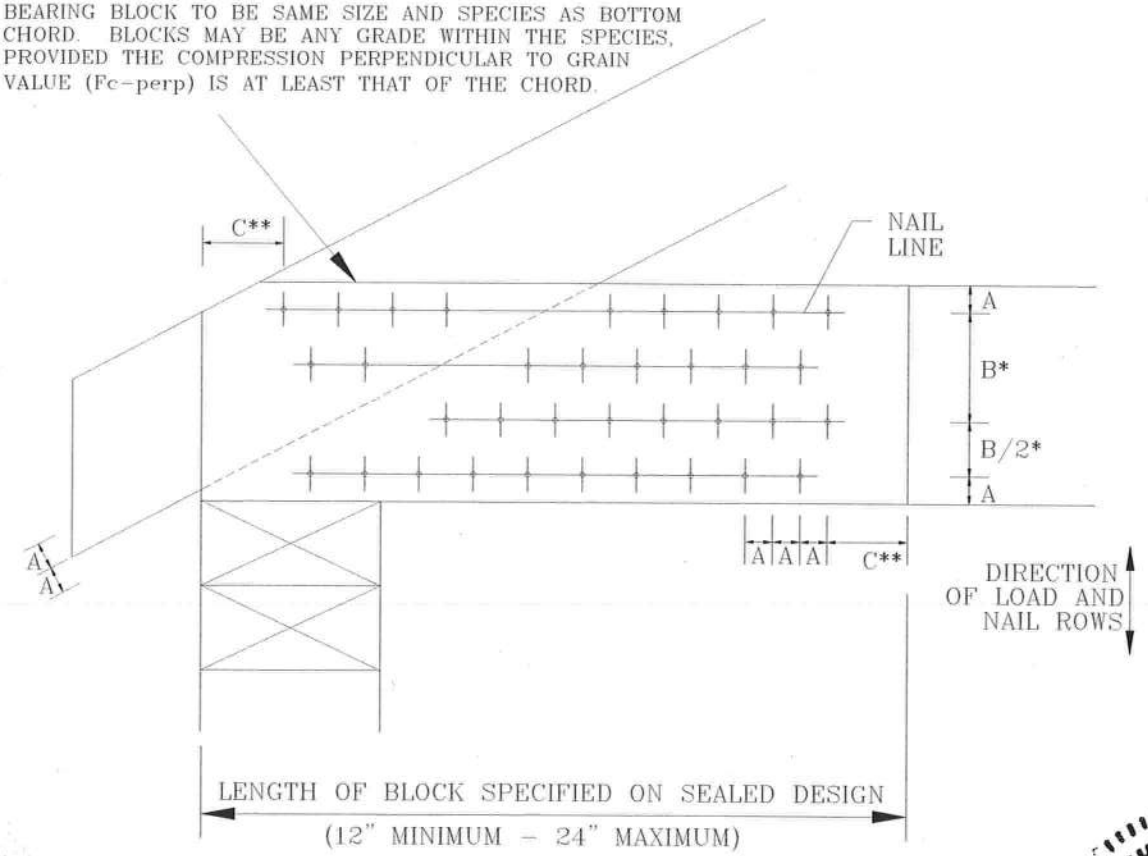
BEARING BLOCK NAIL SPACING DETAIL

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"X2.5")	3	6	9	12	15
10d BOX (0.128"X3")	3	5	7	10	12
12d BOX (0.128"X3.25")	3	5	7	10	12
16d BOX (0.135"X3.5")	3	5	7	10	12
20d BOX (0.148"X4")	2	4	5	6	8
8d COMMON (0.131"X2.5")	3	5	7	10	12
10d COMMON (0.148"X3")	2	4	6	8	10
12d COMMON (0.148"X3.25")	2	4	6	8	10
16d COMMON (0.162"X3.5")	2	4	6	8	10
0.120"X2.5" GUN	3	6	8	11	14
0.131"X2.5" GUN	3	5	7	10	12
0.120"X3.0" GUN	3	6	8	11	14
0.131"x3.0" GUN	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	2"
12d BOX (0.128"X3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"X3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	1'	2"	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	2"
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

ALPINE

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ARTHUR R. FISHER CERTIFICATE No. 59681 STATE OF FLORIDA PROFESSIONAL ENGINEER 04/05/2005

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR

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 21-4S-16-03081-101

Building permit No. 000022721

Use Classification SFD,UTILITY

Fire: 59.20

Permit Holder MIKE TODD

Waste: 122.50

Owner of Building MIKE TODD

Total: 181.70

Location: 122 SW ROYAL COURT(KENSINGTON,LOT 1)

Date: 11/30/2005

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11331

Address Baya Ave

City L. C. **Phone** 7521703

Site Location **Subdivision** Kensington

Lot# 1 **Block#** _____ **Permit#** 22721

Address 122 SW Royal Court

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	2/22/05	1330	525	F254
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DURSBAN TC .05 %

Remarks exterior not finished.

Applicator - White • Permit File - Canary • Permit Holder - Pink