DATE 07/14/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000024752

APPLICANT LINDA RODER PHONE 386.752.2281

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER MICHAEL & LINDA CADY PHONE 386.752.2281

ADDRESS 300 SW SWEETBRIAR DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC BRATKOVICH PHONE 386.719.7143

LOCATION OF PROPERTY 47-S TO BRENTWOOD,TL TO HAMLET,TL TO PRISM LOOP,TL TO SWEETBRIAR,TL GO THRUGH GATE, 1ST. ON R.

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 110300.00

HEATED FLOOR AREA 2206.00 TOTAL AREA 4524.00 HEIGHT 26.10 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 36-4S-16-03322-009 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 2.22

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC059323	

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	06-0510-N	BLK	JTH	N

COMMENTS: EXISTING SPECIAL FAMILY LOT PERMIT. 1 FOOT ABOVE ROAD.

Check # or Cash 5833

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 $ 555.00 CERTIFICATION FEE $ 22.62 SURCHARGE FEE $ 22.62

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 675.24

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.

Mike & Linda Cady

CK# 5833

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0606-52 Date Received 6/15 By JW Permit # 24752

Application Approved by - Zoning Official BLK Date 26.06.06 Plans Examiner OKJTH Date 7-14-06

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

Comments -NOC- Existing Special Family Lot Permit

Amended

Applicants Name Linda Roder Phone 752-2281

Address 387 S.W. Kenyon Ct. Lake City FL 32024

Owners Name Mike & Linda Cady Phone 755-6237

911 Address 300 S.W. Sweet Briar Dr. Lake City FL 32024

Contractors Name Isaac Bratkovich Phone 719-7143

Address PMB 338, 2109 W. US. Hwy 90 Lake City FL 32055

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Kevin Gray / Mark Disosway

Mortgage Lenders Name & Address Andrew Rocco

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

Property ID Number 36-4S-16-03322-009 Estimated Cost of Construction 285 K

Subdivision Name near Southwood Acres Lot ____ Block ____ Unit ____ Phase ____

Driving Directions State Road 47 S. Lon Brentwood, Lon Hamlet, L on Prism Loop, L on Sweetbriar thru gate 1st on R

Type of Construction SFD - [redacted] Addition Number of Existing Dwellings on Property 1

Total Acreage 2.22 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 30' Side 230' Side 45' Rear 68'

Total Building Height 26'-10" Number of Stories 2 Heated Floor Area 2206 ✓ Roof Pitch 6-12 5-12

4524 Total 3-12

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

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

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

Owner Builder or Agent (Including Contractor) Linda R. Roder

STATE OF FLORIDA
COUNTY OF COLUMBIA

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me

this _____ day of _____ 20____.

Personally known _____ or Produced Identification _____

Isaac Bratkovich

Contractor Signature

Contractors License Number CBC059323

Competency Card Number _____

NOTARY STAMP/SEAL

Linda R. Roder

Return to: (enclose self-addressed stamped envelope)
Name: Tri-County Title Services
of Lake City, Inc.
Address: 229 N. Hernando Street
Lake City, Florida 320555

This Instrument Prepared by:
PURSUANT TO THE ISSUANCE OF TITLE INSURANCE
Tri-County Title Services
Address: of Lake City, Inc.
229 N. Hernando Street
Lake City, Florida 32055

Property Appraisers Parcel Identification (Folio) Number(s):
36-4S-16-03322-009 & 01-5S-16-03387-005
Grantee(s) S.S. #(s): MICHAEL L. CADY 503-54-9709
LINDA M. CADY [illegible]

SPACE ABOVE THIS LINE FOR PROCESSING DATA

WARRANTY DEED
INDIVID. TO INDIVID.

RAMCO FORM 01

91-12644

[illegible]
1991 SEP 12 PM 2 43
[illegible]
R. Scippio

SPACE ABOVE THIS LINE FOR RECORDING DATA

This Warranty Deed *Made the* 4th *day of* September *A.D.* 1991 *by*
ROBERT A. BERMAN
hereinafter called the grantor, to
MICHAEL L. CADY and his wife, LINDA M. CADY
whose post office address is P.O. Box 1477, Lake City, Florida, 32056

hereinafter called the grantee:
(Wherever 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)

Witnesseth: *That the grantor, for and in consideration of the sum of $* 10.00 *and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee all that certain land situate in* Columbia *County, State of* Florida *, viz:*

SEE SCHEDULE "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

THE PROPERTY DESCRIBED IN SCHEDULE "A" HEREOF IS NOT THE HOMESTEAD OF THE GRANTOR HEREIN, WHO IN FACT RESIDES AT 1709 St. Andrews Road, Hollywood Florida 33021 .

BK 0750 PG 0743

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 *the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 19* 90.

In Witness Whereof, *the said grantor has signed and sealed these presents the day and year first above written.*

Signed, sealed and delivered in the presence of:

Martin Berman
Signature
MARTIN BERMAN
Printed Signature
Angela Tortorella
Signature
ANGELA TORTORELLA
Printed Signature

Robert A B
Signature L.S.
ROBERT A. BERMAN
Printed Signature
1709 St. Andrews Road, Hollywood, Florida 33021
Post Office Address

Signature
Printed Signature
Signature
Printed Signature

Signature L.S.
Printed Signature
Post Office Address

DOCUMENTARY STAMP 210.00
INTANGIBLE TAX —0—
P. DEWITT CASON, CLERK OF COURTS, COLUMBIA COUNTY
BY R. Scippio

STATE OF FLORIDA
COUNTY OF FLORIDA

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared ROBERT A. BERMAN to me known to be the person described in and who executed the foregoing instrument and he acknowledged before me that he executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 4 day of September. A.D. 1991.

Linda Baker
Notary Signature
LINDA BAKER
Printed Notary Signature
My Commission Expires:

SEAL

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. MAR.16,1994
BONDED THRU GENERAL INS. UND.

SCHEDULE "A"

PARCEL NO.1
Commence at the Southeast corner of Section 36, Township 4 South, Range 16 East, Columbia County, Florida and run thence N 0°14'34" E along the East line of said Section 36, 37.54 feet, thence S 89°20'07" W,328.56 feet to the POINT OF BEGINNING; thence continue S 89°20'07" W, 329.44 feet, thence N 0°08'06" W, 264.61 feet to the South line of Unit 4 of SOUTHWOOD ACRES, a subdivision according to plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida, thence N 89°20'07" E along said South line, 329.44 feet, thence S 0°08'06" E, 264.61 feet to POINT OF BEGINNING. Said lands being subject to an easement for ingress and egress across a portion of the North 45 feet as recorded in Official Records Book 430, Page 671. Also the East 15 feet of said lands being subject to an easement for ingress and egress.

PARCEL NO. 2
Commence at the Southeast corner of Section 36, Township 4 South, Range 16 East, Columbia County, Florida and run thence N 0°14'34"E along the East line of said Section 36, 37.54 feet to the POINT OF BEGINNING, thence continue N 0°14'34"E along said East line, 264.63 feet to the Southeast corner of Lot 9, Unit 4, SOUTHWOOD ACRES, a subdivision according to plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida, thence S 89°20'07" W along the South line of said Unit 4, SOUTHWOOD ACRES, 330.31 feet, thence S 0°08'06" E, 264.61 feet, thence N 89°20'07" E, 328.56 feet to the POINT OF BEGINNING. The North 45 feet of said lands being subject to an easement for ingress and egress as recorded in Official Records Book 430, Page 671. Also the West 15 feet of said lands being subject to an easement for ingress and egress.

TOGETHER WITH an easement for ingress and egress described as follows: BEGIN at the southeast corner of Lot 6, Unit 4, SOUTHWOOD ACRES, a subdivision according to plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida and run thence S 0°08'06" E, 45 feet, thence N 89°20'07" E, 109.55 feet to the West line of the above described lands, thence N 0°08'06" W along said West line, 45 feet to the Northwest corner of said described lands, thence S 89°20'07" W along the South line of said Unit 4 of SOUTHWOOD ACRES, 109.55 feet to the POINT OF BEGINNING.

PARCEL NO. 3
BEGIN at the Southeast corner of Section 36, Township 4 South, Range 16 East, Columbia County, Florida and run thence N 0°14'34" E along the East line of said Section 36, 37.54 feet, thence S 89°20'07" W, 220.15 feet, thence S 0°08'06" E 396.34 feet, thence N 88°51'13" E, 221.14 feet to the East line of Section 1, Township 5 South, Range 16 East, thence N 0°19'47" W along said East line, 356.93 feet to the POINT OF BEGINNING. Said lands being a part of the SE¼ of SE¼ of Section 36, and the NE¼ of NE¼ of Section 1.

TOGETHER WITH an easement for ingress and egress described as follows: BEGIN at the Southeast corner of Lot 6, Unit 4, SOUTHWOOD ACRES, a subdivision according to a plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida and run thence S 0°08'06" E, 45 feet, thence N 89°20'07" E, 94.55 feet, thence S 0°08'06" E, 249.61 feet, thence N 89°20'07" E, 123.41 feet to the West line of the above described lands, thence N 0°08'06" W along said West line, 30.00 feet to the Northwest corner of said described lands, thence S 89°20'07" W, 93.41 feet, thence N 0°08'06" W, 264.61 feet to the South line of said Unit 4, SOUTHWOOD ACRES, thence S 89°20'07" W along said South line, 124.55 feet to the POINT OF BEGINNING.

PARCEL NO. 4

Commence at the Southeast corner of Section 36, Township 4 South, Range 16 East, Columbia County, Florida and run thence N 0°14'34" E along the East line of said Section 36, 37.54 feet, thence S 89°20'07" W, 220.15 feet to the POINT OF BEGINNING, thence continue S 89°20'07" W, 219.43 feet, thence S 0°08'06" E, 398.19 feet, thence N 88°51'13" E, 219.46 feet, thence N 0°08'06" W, 396.34 feet to the POINT OF BEGINNING. Said lands being a part of the SE¼ of SE¼ of Section 36 and the NE¼ of NE¼ of Section 1, Township 5 South, Range 16 East. The North 30 feet of said lands being subject to an easement for ingress and egress.

TOGETHER WITH an easement for ingress and egress described as follows: BEGIN at the Southeast corner of Lot 6, Unit 4, SOUTHWOOD ACRES, a subdivision according to plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida and run thence S 0°08'06" E, 45 feet, thence N 89°20'07" E, 94.55 feet, thence S 0°08'06" E, 219.61 feet to the North line of the above described lands, thence N 89°20'07" E along said North line, 30.00 feet, thence N 0°08'06" W, 264.61 feet to the South line of said Unit 4, SOUTHWOOD ACRES, thence S 89°20'07" W along said South line, 124.55 feet to the POINT OF BEGINNING.

PARCEL NO. 5

Commence at the Southeast corner of Section 36, Township 4 South, Range 16 East, Columbia County, Florida and run thence N 0°14'34' E along the East line of said Section 36, 37.54 feet, thence S 89°20'07" W, 439.58 feet to the POINT OF BEGINNING, thence continue S 89°20'07" W, 218.42 feet, thence S 0°08'06" E, 400.02 feet, thence N 88°51'13" E, 218.44 feet, thence N 0°08'06" W, 398.19 feet to the POINT OF BEGINNING. Said lands being a part of the SE¼ of SE¼ of Section 36 and the NE¼ of NE¼ of Section 1, Township 5 South, Range 16 East.

TOGETHER WITH an easement for ingress and egress described as follows: BEGIN at the Southeast corner of Lot 6, Unit 4, SOUTHWOOD ACRES, a subdivision according to plat thereof recorded in Plat Book 4, Page 7 of the Public Records of Columbia County, Florida and run thence S 0°08'06" E, 45 feet, thence N 89°20'07" E, 94.55 feet, thence S 0°08'06" E, 219.61 feet, thence S 89°20'07" W, 96.02 feet to the Northeast corner of the above described lands, thence S 0°08'06" E along the East line of said above described lands, 30.00 feet, thence N 89°20'07" E, 126.02 feet, thence N 0°08'06" W, 294.61 feet to the South line of said Unit 4, SOUTHWOOD ACRES, thence S 89°20'27" W along said South line, 124.55 feet to the POINT OF BEGINNING.

ASPEN
PEST CONTROL, INC.

Phone (386) 755-3611
Fax (386) 755-3885
Toll Free 1-800-616-4707

Certificate of Compliance for Termite Protection

(as required by Florida Building Code (FBC) 1816.1.7)

Aspen Pest Control, Inc.
(386) 755-3611
State License # - JB109476
State Certification # - JF104376

Mike and Linda Cady (36-45-16-03322-009HX)

Address of Treatment or Lot/Block of Treatment

Soil Barrier

Method of Termite Prevention Treatment – Soil Barrier, Wood Treatment, Bait System, Other

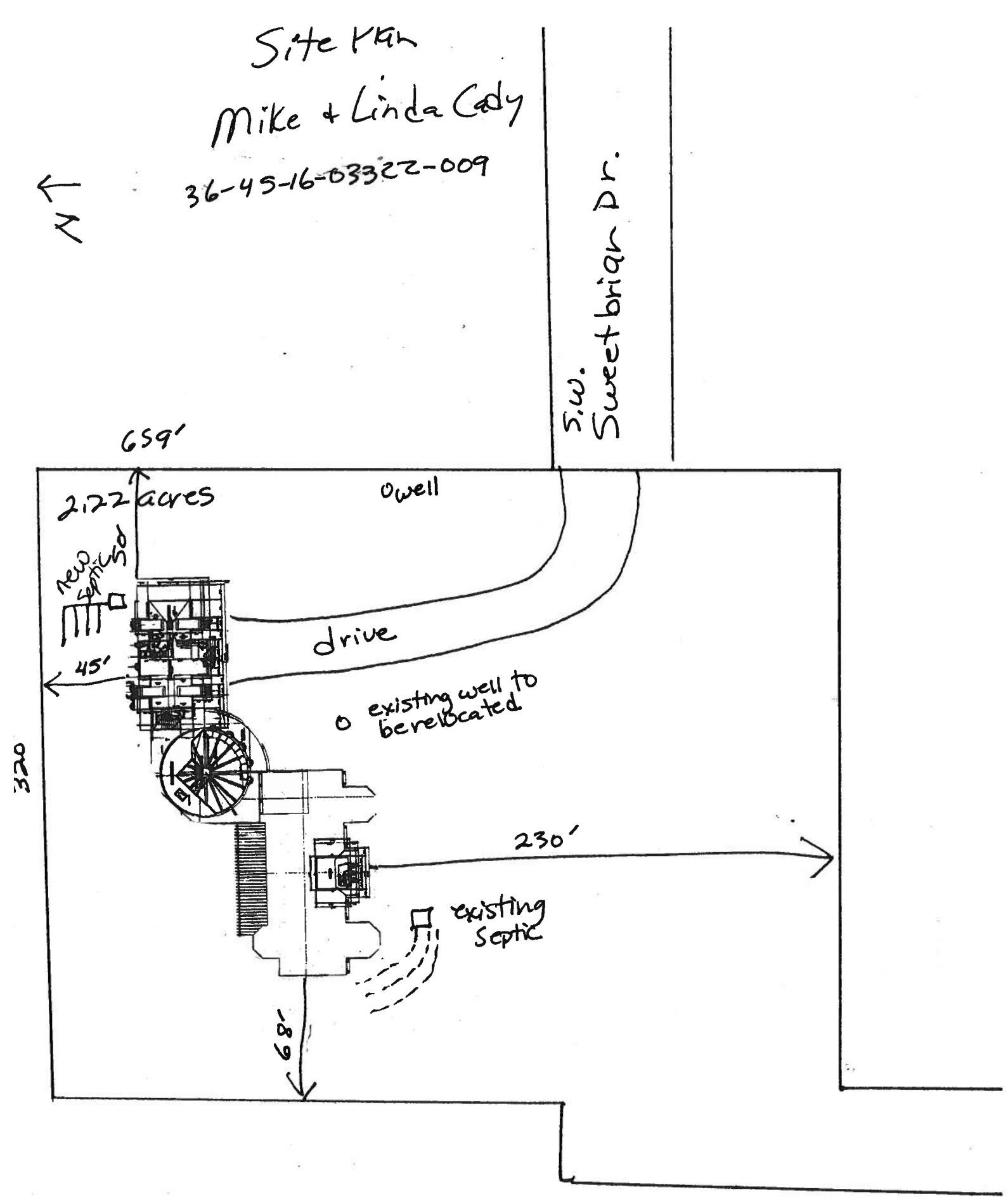
Horizontal, Vertical, Void and Exterior Treatment

Description of Treatment

The above named structure has received a complete treatment for the prevention of subterranean termites. Treatment was done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services.

Celia Dryden

Authorized Signature


Site Plan
Mike + Linda Cady
36-45-16-03322-009
N
S.W. Sweetbriar Dr.
659'
2.22 acres
well
new septic
drive
45'
existing well to be relocated
320
230'
existing septic
68'

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

June 12, 2002

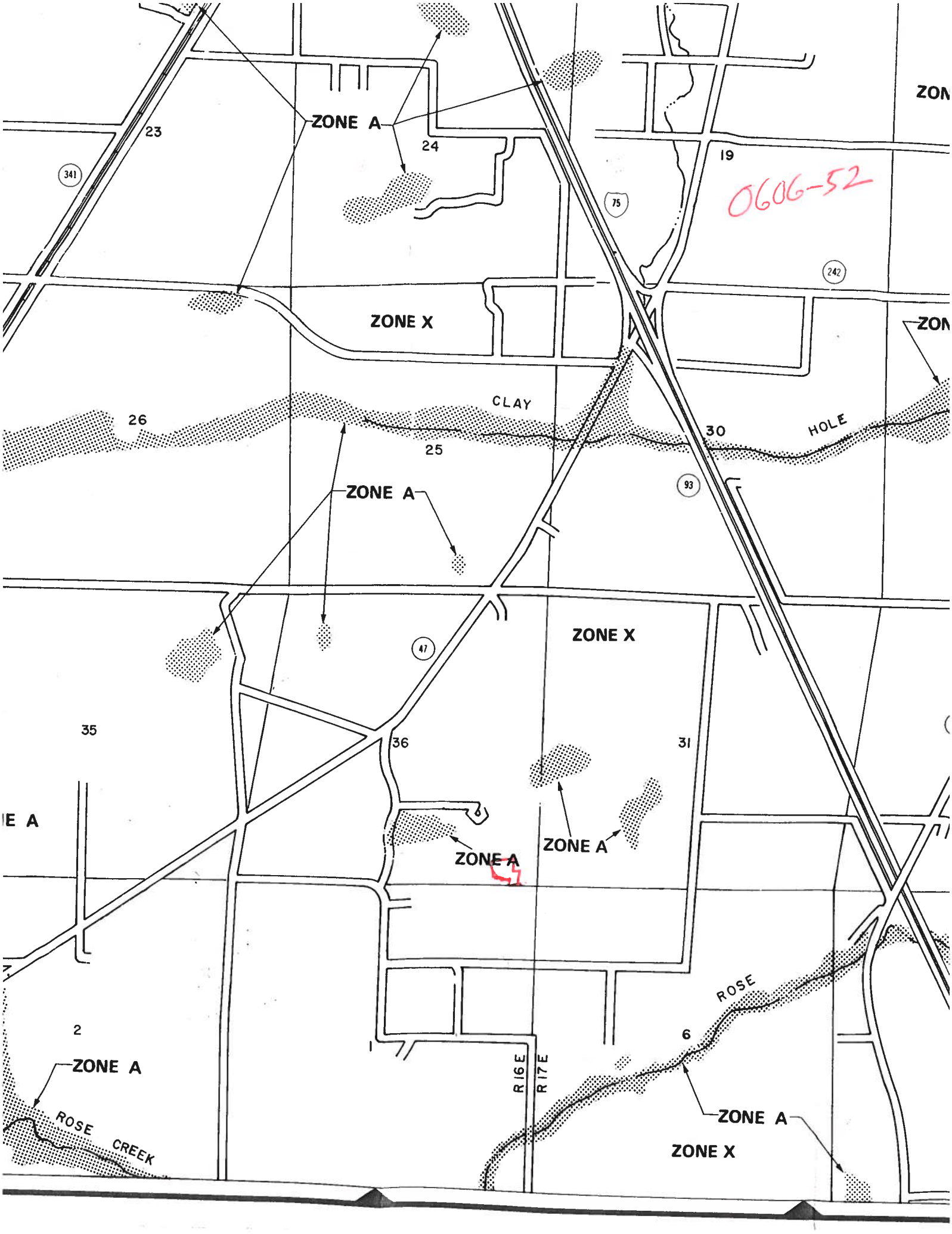
NOTICE TO ALL CONTRACTORS

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

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

Thank you,

Donald D. Hall
DDH/jk


ZONE A
ZONE X
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24
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30
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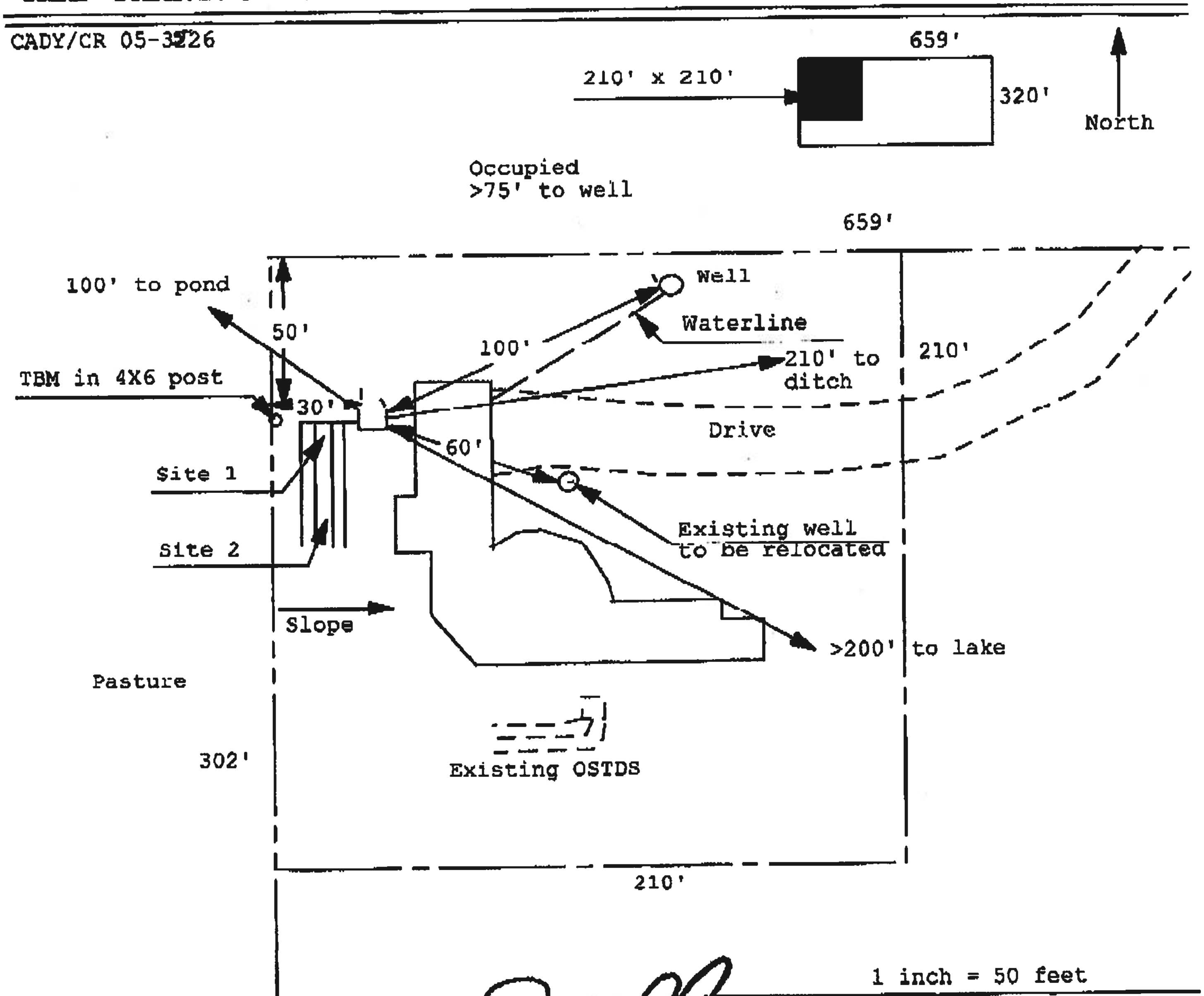
36
31
2
6
1
CLAY
HOLE
ROSE
ROSE CREEK
R16E
R17E
341
75
242
93
47
0606-52

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

Permit Application Number: 05-0510N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul Lloyd Date 5/24/06

Plan Approved ✓ Not Approved ____ Date ____

By S. Gaddy · EH 6-20-06 CPHU

Columbia CHD

Notes: ____

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: 0606-52

Contractor: Isaac Construction Owner Mike & Linda Cady

On the date of June 21, 2006 application 0606-52 and plans for construction of an addition and remodel single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0606-52 when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

Please note that any structural designs (found within these plans) other than the windload engineer may not meet the requirements of the Florida Residential Code 2004 and the windload engineer should be consulted before using these designs.

To help ensure compliance with the Florida Residential Code and the Florida Existing Building Code2004 the comments below need to be addressed on the plans.

1. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department.
2. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the addition onto the waste water disposal system.
3. Please submit the required forms to show compliance with the FBC-2004 chapter 13 energy effiency Sections 13-101.2.1 New construction: new residential construction shall comply with this code by using the following compliance methods: Subchapter 13-6, Residential buildings compliance methods. Single-family residential buildings and Multiple-family buildings of three stories or less shall comply with this chapter of the code. This subchapter contains three compliance methods:

   Method A: Whole Building Performance Method

   Method B: Component Prescriptive Method

   Method C: Limited Applications Prescriptive Method
4. Please have Mr. Disosway show compliance with the Chapter 9 of the Florida Existing Building Code , Additions section 901 general: Scope: An addition to a building or structure shall comply with the building, plumbing, electrical, and mechanical codes, without requiring the existing building or structure to comply with any requirements of those codes or of these provisions. Lateral-force-

resisting system. 903.3 The lateral-force-resisting system of existing buildings to which additions are made shall comply with Sections 903.3.1, 903.3.2, and 903.3.3.

Exceptions:

1. In Type V construction, Group R occupancies where the lateral-force story shears in any story is not increased by more than 10 percent.

2. Buildings of Group R occupancy with no more than five dwelling units or sleeping units used solely for residential purposes where the existing building and the addition comply with the conventional light-frame construction methods as defined in Chapter 2.

3. Additions where the lateral-force story shear in any story is not increased by more than 5 percent.

Horizontal addition: 903.3.2 Where horizontal additions are structurally connected to an existing structure, all lateral-force-resisting elements of the existing structure affected by such addition shall comply with the lateral load provisions of the Florida Building Code, Building. Lateral loads imposed on the elements of the existing structure and the addition shall be determined by a relative stiffness analysis of the combined structure including torsional effects.

5. Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, hardwired, interconnected smoke alarms meeting the requirements of the Florida Building Code, Building or the Florida Building Code, Residential shall be installed and maintained in the addition. 904.2:

Smoke alarms in existing portions of a building. Whenever an addition is made to a building or structure of Group R-3 or R-4 occupancy, the existing building shall be provided with smoke alarms as required by the Florida Building Code, Building or the Florida Building Code, Residential as applicable. The smoke alarms in the existing building are not required to be interconnected with smoke alarms in other portions of the base building.

6. The bonus room area show a future bedroom a minimum one window within the bedroom shall meet the requirements of the FRC-2004 sections R310.1.1 Minimum opening area. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2). With the minimum net clear opening height shall be 24 inches (610 mm) and a minimum net clear opening width shall be 20 inches (508 mm). Please verify that the 3050 window will meet the above requirements.

7. On page five of the plans section C-C details the stairwell; please expand this drawing to show compliance with the FRC-2004 section R311.5 Stairways. R311.5.1 Width. Stairways shall not be less than 36 inches (914 mm) in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches (114 mm) on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31.5 inches (787 mm) where a handrail is installed on one side and 27 inches (698 mm) where handrails

are provided on both sides. R311.5.3 Stair treads and risers.R311.5.3.1 Riser height. The maximum riser height shall be 7¾ inches (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.5.3.2 Tread depth. The minimum tread depth, exclusive of nosing, shall be not less than 9 inches (229 mm). Treads and risers of stairs shall be permitted to be so proportioned that the sum of two risers and a tread, exclusive of projection of nosing, is not less than 24 inches (610 mm) nor more than 25 inches (635 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305) mm from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm). *Include the total rise and run of each flight of stairs.*

8. Please have Mr. Mark Disosway approve or amend the typical two story exterior wall section as shown on page eleven of the plans to show compliance with R301.2.1 of the Florida Residential Code. Also submit the

engineered drawing of the 16" engineered floor trusses along with a detail drawing of the method of attachment of these trusses to all load bearing walls and shear walls.

9. Show a detail drawing of the balcony guard railing system to show compliance with R312.1 and TABLE R301.5 minimum uniformly distributed live loads of 200 (in pounds per square foot) Guardrails and handrails (A single concentrated load applied in any direction at any point along the top.) and the attachment of the guard railing to the balcony.

10. On the electrical plans show all existing panels and subpanels include the current amperage rating of the electrical service. Perform an electrical service load calculation that will show the total amperage load after the addition and remolding of the dwelling. Also show on the electrical plan show the location of any new the electrical panel and include the total amperage rating of the electrical service panel also show the overcurrent protection device which shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Joe Haltiwanger

Plan Examiner
Columbia County Building Department

0606-S2

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (386) 269-4871

June 22, 2006

Building Dept Columbia Co
35 N. Hernando St.
POB 1529
Lake City, FL 32056-1529

Re: Plans Review Issues: Cady, Mike & Linda Residence.

Dear Building Inspector:

This letter is in reference to plans review issues at the above referenced house.

- *4. Show compliance with FEBC, Section 901.3.2.*
    - The completed project as shown on the plans meets the requirements of FEBC, Section 901.3.2.
    - The lateral load analysis for this project was done for the finished project including the portions of the existing house which are to remain and the addition when taken as one structure. This was indicated in the shear wall summary table along with a hand written signed and dated note stating the shearwall totals were for the existing and addition. Since the wood structural panel shearwall segments and roof diaphragm are approximately evenly distributed throughout the house torsion and relative stiffness are not an issue.
- *8. Approve or amend 2 story wall section on page 11 to show compliance with R301.2.1.*
    - Structural information on S-1 thru S-4 controls unless there are more stringent requirements on the architectural sheets or in the building code. Please use the rod placement plan and details on S-3 and S-4 for 2 story hold down and uplift resistance.
    - Note: The floor truss plan and type of floor trusses to be used is not available at this time. Please have the truss engineer specify all bracing and blocking required for this specific house and furnish a copy to me for approval prior to ordering or installing the trusses.

13JUL06

Mark Disosway, PE
Florida Registered Professional Engineer

10751 Deerwood Park Boulevard • Suite 120
Jacksonville, Florida 32256

(904) 384-3265 • FAX (904) 389-1250
www.kevingray.com

RESIDENTIAL DESIGNS BY KEVIN GRAY, INC.

June 27, 2006

The Columbia County Building &
Zoning Department Plan Review
Attn: Joe Haltiwanger
135 NE Hernando Avenue
P.O. Box 1529
Lake City, Florida 32056- 1529

RE: **Mike & Linda Cady Application # 0606-52**

Mr. Haltiwanger,

The following notes reaffirm our telephone conversation on June 27, regarding our replies to your questions about the Cady architectural drawings.

1. Your paragraph 3, regarding energy efficiency calculations for the HVAC equipment. It was agreed that the HVAC subcontractor should be responsible for these calculations.

2. Paragraph # 5, concerning smoke detectors. After reviewing the drawings, we added a new smoke detector in the kitchen. This was added and clouded as **Item 1** on the first floor electrical plan (A-12).

3. Paragraph 6, concerning egress windows in the second floor bonus room, exceeds code requirements. (2) 3'0" wide by 4'6" high operable casement windows offer egress, and shown as operable windows in the elevations (Sheet A-3) and sized on the second floor plan (Sheet A-7).

4. Paragraph 7 addresses the stairs to the second floor spaces over the garage. Sheets A-6 (First Floor Plan) shows both stair runs as 4'0" wide, and also calls out the tread and riser dimensions. The ceiling height in the stairwell is noted in the section on sheet A-5 as 9'-2 3/8" minimum. The handrails, shown on sheets A-6 and A-7, are 2'10" above the stair nosing, follow the full run of the stair, and do not encroach the minimum stair widths. Further, the section detail at the lower right of sheet A-7 shows the riser (7.40") and tread (10") of the stair, which is consistent for both runs.

5. Paragraph 9, regarding railing live loads and railing attachments to comply, are the purview of the structural engineer.

6. The last paragraph (10) addresses electrical panels. We have added a 400 amp panel in the garage as **Item 2,** clouded on sheet A-12 (First Floor Electrical Plan). Further, from information gained in our telephone conversation, we have added an exterior meter and

an adjacent E-stop emergency or exterior disconnect at the rear of the garage. This has been clouded as **Item 3 to** sheet A-12.

It was a pleasure working with you and I hope the amended drawing and this letter answer the concerns that you raised. If we can be of any further assistance, please call me at (904) 384-3265.

Sincerely,

Robert P. Fowler
Designer

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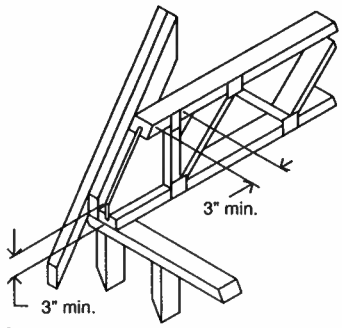
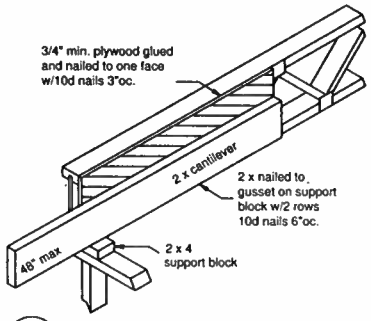
Sincerely,

Robert P. Fowler
Designer

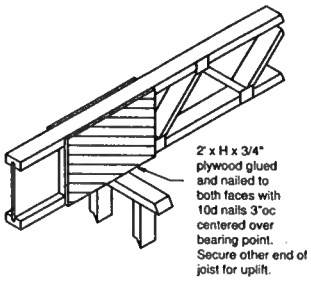
Installation Details Available in CAD format at trimjoist.com and sweets.com



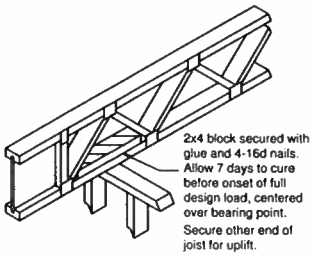
D1 RAFTER/FIRE CUT



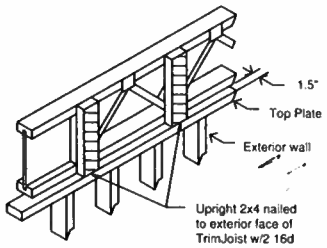
D2 DECK CANTILEVER



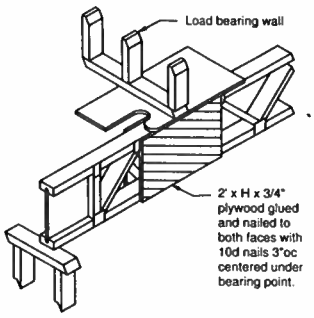
D3 CANTILEVER



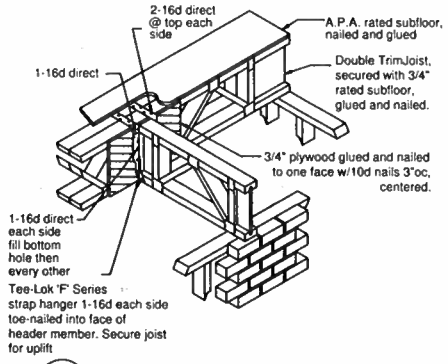
D4 CANTILEVER



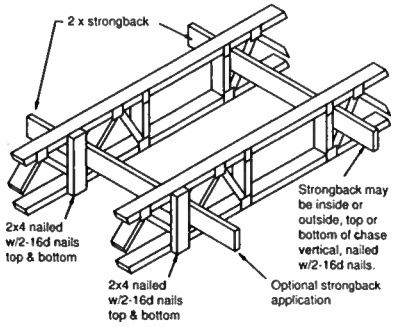
D5 EXTERIOR KNEE WALL



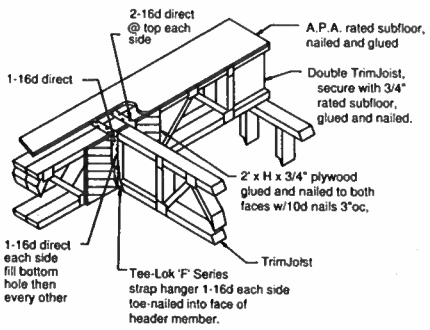
D6 POINT LOAD APPLICATION



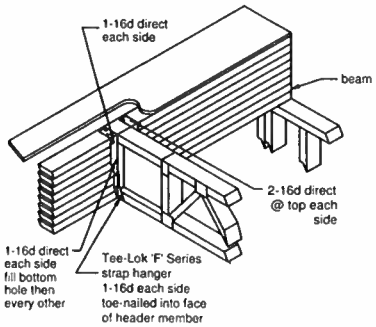
D7 HANGERED CANTILEVER



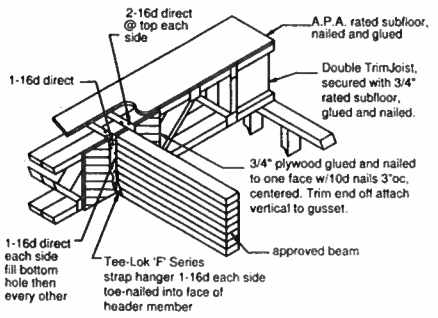
D8 STRONGBACK APPLICATION



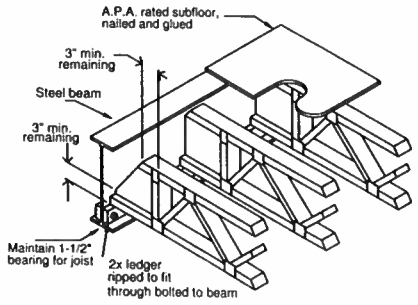
D9 HANGERED/ JOIST TO JOIST



D10 HANGERED/ JOIST TO BEAM

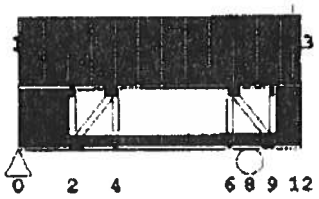


D11 HANGERED/ BEAM TO JOIST



D12 FLUSH TO STEEL BEAM

Stock	Project	Anderson Truss/Issac Construction/Kady/f-6	Qty	By	Run Time
J1606	Description		3	JCW	2006-04-10 16:04:21



TrimJoist Project Design System 5.0 Build 2005.4.18.109

Joist Data
Span: 5'6"
Trim(L): 0.0000
Trim(R): 6.0000
Depth: 10.00
Spacing: 12.00

Supports
Roller: (4'6 from left on bottom chord)
Pin (0 from left on bottom chord)

Loads
Standard Loads (Entire Span)
Live:40 psf top, 0 bottom. Dead:10 psf top, 5 bottom.
concentrated (5'4" from left on top)
Live:248 Dead:183 lbs/ft

Reactions
Total
0.00": Y: 37.82
54.00": Y: 695.68
Live
0.00": Y: 39.63
54.00": Y: 428.37
Dead
0.00": Y: -1.81
54.00": Y: 267.31

Max. Axial Forces, CSIs & Deflections
Def Dead: 0.02 (L/3354) mbr[2-5], 23"
Def Live: 0.03 (L/1953) mbr[2-5], 23"
Def Total: 0.05 (L/1234) mbr[2-5], 23"

P Top: 243.72 (CSI=0.41) mbr[7-10], 49.25"
P Bottom: -186.01 (CSI=0.51) mbr[8-9], 54.00"
P Webs: -427.58 (CSI=0.34) mbr[3-10], 55.25"

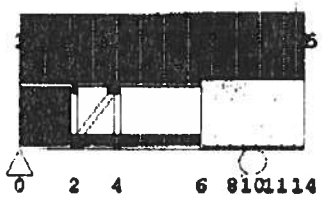
Max. Plate Ratios
Chord Embedment : 0.23 @ 2
Web Embedment : 0.36 @ 5 [2-5]
Shear : 0.09 @ 2
Tension : 0.18 @ 2

Glue Shear Ratios
Left End : 0.02
Right End : n/a

Total Pass Design Considerations
- Project:Anderson Truss/Issac Construction/Kady/f-6
- Description:
- Product application conforms to NDS 2001
- Product application conforms to IBC 2003 for residential construction
- Product application conforms to ANSI/TPI 1-2002 (Truss Plate Institute)
- Cantilever(s) have been considered.
- Concentrated Load(s) have been considered
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fb):1.15
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Ft):1.1
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fc):1.1

Dead Pass Design Considerations
- ***WARNING: Uplift At Exterior Support***

Stock	Project	Anderson Truss/Issac Construction/Kady/f-6	Qty	By	Run Time
J1606	Description		3	JCW	2006-04-10 16:06:07



TrimJoist Project Design System 5.0 Build 2005.4.18.109

Joist Data
Span: 5'6"
Trim(L): 0.0000
Trim(R): 6.0000
Depth: 16.00
Spacing: 19.20

Supports
Roller [4'6 from left on bottom chord]
Pin [0 from left on bottom chord]

Loads
Standard Loads [Entire Span]
Live:40 psf top, 0 bottom. Dead:10 psf top, 5 bottom.
concentrated [5'4" from left on top]
Live:248 Dead:183 lbs/ft

Reactions
Total
0.00": Y: 60.52
54.00": Y: 1113.08
Live
0.00": Y: 63.41
54.00": Y: 665.59
Dead
0.00": Y: -2.89
54.00": Y: 427.69

Max. Axial Forces, CSIs & Deflections
Def Dead: 0.03 (L/2516) mbr[2-5], 23"
Def Live: 0.04 (L/1493) mbr[2-5], 23"
Def Total: 0.07 (L/943) mbr[2-5], 23"

P Top: 396.12 (CSI=0.49) mbr[9-12], 49.25"
P Bottom: -301.17 (CSI=0.50) mbr[10-11], 54.00"
P Webs: -670.09 (CSI=0.39) mbr[11-12], 59.25"

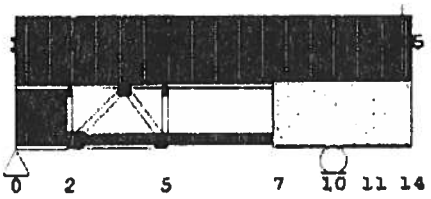
Max. Plate Ratios
Chord Embedment : 0.33 @ 2
Web Embedment : 0.53 @ 5 [2-5]
Shear : 0.13 @ 2
Tension : 0.26 @ 2

Clue Shear Ratios
Left End : 0.03
Right End : n/a

Total Pass Design Considerations
- Project:Anderson Truss/Issac Construction/Kady/f-6
- Description:
- Product application conforms to NDS 2001
- Product application conforms to IBC 2003 for residential construction
- Product application conforms to ANSI/TPI 1-2002 (Truss Plate Institute)
- APPLY 3/4 INCH PLYWOOD TO BOTH FACES AS SHOWN ON DRAWING. SECURE WITH 10d NAILS AT 3 INCH CENTERS INTO WEBS AND CHORDS
- Plywood gusset applied 3'6" to 5'6" from left
- Cantilever(s) have been considered
- Concentrated Load(s) have been considered
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fb):1.15
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Ft):1.1
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fc):1.1

Dead Pass Design Considerations
- ***WARNING: Uplift At Exterior Support.***

Seek	Project	Anderson Truss/Issac Construction/Kady/f-8	Qty	By	Run Time
J1608	Description		3	JCW	2006-04-10 16:10:09



TrimJoist Project Design System 5.0 Build 2005.4.18.109

Joist Data
Span: 7'6"
Trim(L): 0
Trim(R): 4.0000
Depth: 16.00
Spacing: 16.00

Supports
Roller (6'2" from left on bottom chord)
Pin (0 from left on bottom chord)

Loads
Standard Loads (Entire Span)
Live:40 psf top, 0 bottom. Dead:10 psf top, 5 bottom.
concentrated (7'6" from left on top)
Live:275 Dead:201 lbs/ft

Reactions
Total
0.00": Y: 75.51
74.00": Y: 1121.38
Live
0.00": Y: 75.44
74.00": Y: 700.12
Dead
0.00": Y: 0.07
74.00": Y: 421.26

Max. Axial Forces, CSIs & Deflections
Def Dead: 0.05 (L/1929) mbr[15-15], 92"
Def Live: 0.08 (L/1129) mbr[2-5], 34"
Def Total: 0.13 (L/716) mbr[2-5], 34"

P Top: 972.01 (CSI=0.82) mbr[6-8], 61.25"
P Bottom: -500.42 (CSI=0.89) mbr[10-11], 83.25"
P Webs: -1113.68 (CSI=0.78) mbr[11-12], 83.25"

Max. Plate Ratios
Chord Embedment : 0.37 @ 5
Web Embedment : 0.65 @ 4 [4-5]
Shear : 0.16 @ 4
Tension : 0.29 @ 5

Glue Shear Ratios
Left End : 0.03
Right End : n/a

Design Considerations
- Project:Anderson Truss/Issac Construction/Kady/f-8
- Description:
- Product application conforms to NDS 2001
- Product application conforms to IBC 2003 for residential construction
- Product application conforms to ANSI/TPI 1-2002 (Truss Plate Institute)
- APPLY 3/4 INCH PLYWOOD TO BOTH FACES AS SHOWN IN DRAWING. SECURE WITH 10d NAILS AT 3 INCH CENTERS INTO WEBS AND CHORDS
- Plywood gusset applied 5" to 7'8 from left
- Cantilever(s) have been considered
- Concentrated Load(s) have been considered
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fb):1.15
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Ft):1.1
- ANSI/TPI 1-2002 Repetitive Member Factor Applied (Fc):1.1

FLORIDA DEPARTMENT OF
Community Affairs

Product Approval
USER: Public User

FL #	FL742-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Overhead Door Corporation
Address/Phone/Email	1900 Crown Drive Farmers Branch, TX 75007 (972) 969-6859 chuck_blume@overheaddoor.com
Authorized Signature	Chuck Blume chuck_blume@overheaddoor.com
Technical Representative	Leroy Krupke
Address/Phone/Email	1900 Crown Drive Farmers Branch, TX 75007 (972) 830-8634 leroy_krupke@overheaddoor.com

Quality Assurance Representative	Bill Byrd
Address/Phone/Email	1900 Crown Drive Farmers Branch, TX 75007 (972) 969-6868 bill_byrd@overheaddoor.com
Category	Exterior Doors
Subcategory	Roll-Up Exterior Door Assemblies
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☑ Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	John E. Scates, PE
Florida License	PE-51737
Quality Assurance Entity	PFS Corporation
Validated By	Andy Hlavaty
Certificate of Independence	

Referenced Standard and Year (of Standard)	Standard	Year
	ANSI/DASMA 108	2002
	ASTM E-330	2002

Equivalence of Product Standards Certified By	
Sections from the Code	1714.5.3.1 1714.5.3.1

Product Approval Method	Method 1 Option D
Date Submitted	07/22/2005
Date Validated	08/02/2005
Date Pending FBC Approval	08/08/2005
Date Approved	08/24/2005

Summary of Products

Go to Page [ ] GO

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FL #	Model, Number or Name	Description
742.1	Series 600, Coil-Away	Drawing 308114 Rev C
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 20/30 psf thru 41/61.5 psf, not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports** PTID_742_R1_T_205983_0005 INSTALLATION INSTRUCTION, COILAWAY, SERIES 600 FACE MOUNTED.pdf PTID_742_R1_T_300922_0005 Rolling Service Door 610,620,625.pdf PTID_742_R1_T_308114C SERIES 600, COILAWAY, 20.30 PSF THRU 41,61.5 PSF.pdf PTID_742_R1_T_ATI01-41331.06.pdf PTID_742_R1_T_ATI01-41331.07.pdf PTID_742_R1_T_ATI01-41331.08.pdf PTID_742_R1_T_ATI01-41331.09.pdf PTID_742_R1_T_ATI01-41331.10.pdf PTID_742_R1_T_ATI01-43483.02.pdf PTID_742_R1_T_Cert_of_Independence_Scates_2005_w_sig.pdf PTID_742_R1_T_coilaway.pdf PTID_742_R1_T_Eval_Rept_610_620_625.pdf PTID_742_R1_T_Eval_Rept_Series_600_Rev3_w_sig.pdf PTID_742_R1_T_WINDLOAD DRAWINGS, SERIES 625 FIP.pdf

	PTID_742_R1_T_WINDLOAD DRAWINGS, SERIES 610, C187.pdf PTID_742_R1_T_WINDLOAD DRAWINGS, SERIES 610, C275.pdf PTID_742_R1_T_WINDLOAD DRAWINGS, SERIES 610,620, F265.pdf

742.2	Series 610, C187	Drawing 308083 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 31 psf design, 46.5 psf test, Max door width 20', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.3	Series 610, C187	Drawing 308084 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 36 psf design, 54 psf test, Max door width 20', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.4	Series 610, C187	Drawing 308085 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 41 psf design, 61.5 psf test, Max door width 20', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.5	Series 610, C187	Drawing 308086 Rev F

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 50 psf design, 75 psf test, Max door width 20', Max door height 30', not for use in HVHZ	**Installation Instructions** Verified By: **Evaluation Reports**

742.6	Series 610, C187	Drawing 308082 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 26 psf design, 39 psf test, Max door width 20', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.7	Series 610, C275	Drawing 308087 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.8	Series 610, C275	Drawing 308088 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.9	Series 610, C275	Drawing 308089 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.10	Series 610, C275	Drawing 308090 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.11	Series 610, C275	Drawing 308091 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 50 psf design, 75 psf test, Max door width 35', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.12	Series 610/620, F265	Drawing 308092 Rev G
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/-		**Installation Instructions** Verified By: **Evaluation Reports**

Other: 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ	

742.13	Series 610/620, F265	Drawing 308093 Rev G
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.14	Series 610/620, F265	Drawing 308094 Rev G
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.15	Series 610/620, F265	Drawing 308095 Rev G
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.16	Series 610/620, F265	Drawing 308096 Rev G

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 50 psf design, 75 psf test, Max door width 35', Max door height 30', not for use in HVHZ	**Installation Instructions** Verified By: **Evaluation Reports**

742.17	Series 625, FIP	Drawing 308097 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 26 psf design, 39 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.18	Series 625, FIP	Drawing 308098 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 31 psf design, 46.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.19	Series 625, FIP	Drawing 308099 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 36 psf design, 54 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

742.20	Series 625, FIP	Drawing 308100 Rev F
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 41 psf design, 61.5 psf test, Max door width 40', Max door height 30', not for use in HVHZ		**Installation Instructions** Verified By: **Evaluation Reports**

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2555 Shumard Oak Boulevard
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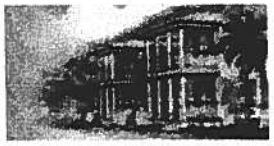
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
USER: Public User

FL #	FL1092-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Andersen Corporation
Address/Phone/Email	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 abarstad@andersencorp.com
Authorized Signature	Alan Barstad abarstad@andersencorp.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	

Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing
Certification Agency	Window and Door Manufacturers Association

Referenced Standard and Year (of Standard)	Standard	Year
	101/I.S.2-97	1997
	101/I.S.2/NAFS	2002
	ASTM E 1996	2002

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	11/02/2005
Date Validated	11/14/2005
Date Pending FBC Approval	11/17/2005
Date Approved	12/06/2005

Summary of Products

FL #	Model, Number or Name	Description
1092.1	200 Series Picture Window - Non Impact	Vinyl Clad Wood Picture Window

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-734.00 Rating is F-LC40 60" x 66" Unit tested was a FX 5056	**Certification Agency Certificate** **Installation Instructions** PTID_1092_R1_I_200 Series Picture Window.pdf PTID_1092_R1_I_400 PSCA Picture.pdf PTID_1092_R1_I_400 Series CTN HPIR.pdf PTID_1092_R1_I_400 Series Flexi HPIR.pdf PTID_1092_R1_I_400 Series PSCA Picture HPIR.pdf PTID_1092_R1_I_400 Series Springline HPIR.pdf PTID_1092_R1_I_400 Series Woodwright Picture.pdf PTID_1092_R1_I_400 Tilt Wash Picture with HPIR.pdf PTID_1092_R1_I_400 Woodwright Transom.pdf Verified By:

1092.2	400 Series Casement Picture Window - Non Impact	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-611.00 Rating is F-C60 60" x 72" Unit tested was a P5060 with HP Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:

1092.3	400 Series Casement Picture Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-632.00 Rating		**Certification Agency Certificate** **Installation Instructions** Verified By:

is F-C50 60" x 72" Unit tested was a P 5060 with HPIR Glass Hallmark Certificate: 129-H-632.02 Rating is Missle Level D, Cycle Pressure +50/-65 Unit Tested was a P5060 with HPIR Glass		
1092.4	400 Series Tilt Wash Double Hung - Picture Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Rating 129-H-648.00 Rating is Missle Level D, Cycle Pressure +50/-65 Unit Tested was a DHP5662 with HPIR Glass Hallmark Certificate: 129-H-653.00 Rating is F-C50 68" x 77" Unit tested was a DHP5662 with HPIR Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:
1092.5	400 Series Tilt Wash Transom Window - Impact Resistant	Vinyl Clad Wood Fixed Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-649.00 Rating is Missle Level D, Cycle Pressure +50/-65 Unit tested was a TWT3831 with HPIR Glass Hallmark Certificate: 129H-680.02 Rating is F-R50 46" x 40" Unit tested was a TWT 3831 with HPIR Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:
1092.6	400 Series Woodwright Double Hung - Picture Window	Vinyl clad wood fixed window

	- Non Impact	
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-627.00 Rating is F-C65 1710mm x 1952mm Unit tested was a WPW5662 with HP Glass Hallmark Certificate: 129-H-667.00 Rating is TR LC65 1929mm x 1219mm Unit tested was a WTR7648 with HP Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:
1092.7	400 Specialty Windows - Impact Resistant	Fiberglass Clad Wood Fixed Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate: 129-H-622.00 Rating is Missle Level D, Cycle Pressure +50/-65, Size is 96" x 21" Unit Tested was ET8 with HPIR Glass Hallmark Certificate: 129-H-624.00 Rating is: F-C50 124" x 64" Unit Tested was a Flexiframe 10050 with HPIR Glass Hallmark Certificate: 129-H-624.02 Rating is Missle Level D, Cycle Pressure +50/-65, Size is 124" x 64" Unit tested was a Flexiframe 10050 with HPIR Glass Hallmark Certificate: 129-H-657.00 Rating is F-C50 107" x 74" Unit tested was a Flexiframe 10673 with HPIR Glass Hallmark Certificate: 129-H-659.00 Rating is Missle Level D, Cycle Pressure +50/-65, Size 107" x 74" Unit tested was a Flexiframe 10673 with HPIR Glass Hallmark Certificate: 129-H-623.00 Rating is F-R50 96" x 72" Unit tested was a SP802 with HPIR Glass Hallmark Certificate: 129-H-623.02 Rating is Missle		**Certification Agency Certificate** **Installation Instructions** Verified By:

Level D, Cycle Pressure +50/-65, Size is 96" x 72" Unit test was a SP802 with HPIR Glass Hallmark Certificate: 129-H-621.00 Rating is Missle Level D, Cycle Pressure +50/-65, Size is 72" x 39" Unit tested was a CTC3 with HPIR Glass Hallmark Certificate: 129-H-664.00 Rating is Missle Level D, Cycle Pressure +50/-65, Size is 76" x 40" Unit test was a CTN30-2 with HPIR Glass	

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Product Approval Accepts:

Product Approval
USER: Public User

FL #	FL1086-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Andersen Corporation
Address/Phone/Email	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 abarstad@andersencorp.com
Authorized Signature	Alan Barstad abarstad@andersencorp.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	

Category	Windows
Subcategory	Casement
Compliance Method	Certification Mark or Listing
Certification Agency	Window and Door Manufacturers Association

Referenced Standard and Year (of Standard)

Standard	Year
101/I.S.2	1997
101/I.S.2/A440	2005
ASTM E 1996	2002

Equivalence of Product Standards Certified By

Product Approval Method	Method 1 Option A
Date Submitted	11/02/2005
Date Validated	11/02/2005
Date Pending FBC Approval	11/09/2005
Date Approved	12/06/2005

Summary of Products

FL #	Model, Number or Name	Description
1086.1	200/400 Series Casement Window - Doubles - Impact	Vinyl Clad Casement Wood Window

	Resistant	
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-636.00 Rating is C-C50 57" x 72" Unit tested was CW26 w/HPIR Glass Hallmark Certificate 129-H-636.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure of +50/-65 Unit tested was CW26 w/HPIR Glass		**Certification Agency Certificate** **Installation Instructions** PTID_1086_R1_I_PSC-A Installation Impact.pdf PTID_1086_R1_I_PSC-A Installation Non Impact.pdf Verified By:
1086.2	200/400 Series Casement Window - Doubles - Non Impact	Vinyl Clad Casement Wood Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-674.00 Rating is C-C45 72" x 60" Unit Tested was a CXW25 with HP Glass Hallmark Certificate 129-H-674.01 Rating is C-C50 72" x 53" Unit Tested was a CXW245 with HP Glass Hallmark Certificate 129-H-685.00 Rating is C-C50 57" x 72" Unit Tested was a CW26 with HP Glass Hallmark Certificate 129-H-730.01 Rating is C-R50 1594mm x 1520mm Unit Tested was a CX25 with HP Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:
1086.3	200/400 Series Casement Window - Singles - Impact Resistant	Vinyl Clad Outswing Casement Window

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-634.00 Rating is C-C50 29" x 72" Unit Tested was a CW16 w/HPIR Hallmark Certificate 129-H-634.02 Rating is ASTM E1996, Missile D, Cycle Pressure of +50/-65 Unit Tested was a CW16 w/HPIR Hallmark Certificate 129-H-637.00 Rating is C-C50 36" x 53" Unit tested was CXW145 w/HPIR Hallmark Certificate 129-H-637.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure of +50/-65 Unit tested was CXW145 w/HPIR	**Certification Agency Certificate** **Installation Instructions** Verified By:

1086.4	200/400 Series Casement Window - Singles - Non Impact	Vinyl Clad Wood Casement Window
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-630.00 Rating is C-C50 36" x 72" Unit tested was CXW16 with HP Glass Hallmark Certificate 129-H-631.00 Rating is C-C75 25" x 60" Unit tested was a C15 with HP Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:

1086.5	200/400 Series Casement Window - Triples - Impact Resistant	Vinyl Clad Wood Casement Window (XOX)
Limits of Use (See Other) **Approved for use in HVHZ:**		**Certification Agency Certificate** **Installation Instructions**

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-635.00 Rating is C-C50 72" x 60" Unit tested was a C35 w/HPIR Glass Hallmark Certificate 129-H-635.02 Rating is ASTM E1996-02, Missile D, Cycle Pressure +50/-65 Unit tested was a C35 w/HPIR Glass	Verified By:

1086.6	200/400 Series Casement Window - Triples - Non Impact	Vinyl Clad Wood Casement Window (XOX)
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Hallmark Certificate 129-H-686.00 Rating is C-C60 72" x 60" Unit tested was C35 with HP Glass Hallmark Certificate 129-H-695.00 Rating is C-C40 85" x 60" Unit tested was CW35 with HP Glass		**Certification Agency Certificate** **Installation Instructions** Verified By:

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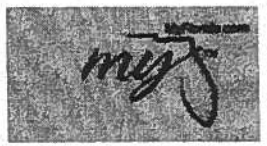
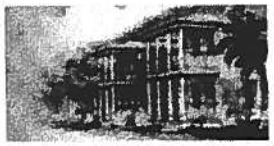
Product Approval Accepts:


Bobby
APPROVED

FLORIDA DEPARTMENT OF Community Affairs





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- CONTACT US
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- DCA EMPLOYEE SERVICES

Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL560-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	MonierLifetile
Address/Phone/Email	200 Story Road Lake Wales, FL 33853 (561) 866-5983 rmoody@monierlifetile.com
Authorized Signature	Reese Moody rmoody@monierlifetile.com
Technical Representative	Reese Moody
Address/Phone/Email	200 Story Road Lake Wales, FL 33853 rmoody@monierlifetile.com

Quality Assurance Representative	Steve Zigich
Address/Phone/Email	200 Story Road Lake Wales, FL 33853 szigich@monierlifetile.com
Category	Roofing
Subcategory	Roofing Tiles
Compliance Method	Evaluation Report from a Product Evaluation Entity
Evaluation Entity	SBCCI PST and ESI
Quality Assurance Entity	PSI/Pittsburgh Testing Laboratory
Validated By	Gary W. Walker
Certificate of Independence	

Referenced Standard and Year (of Standard)

Standard	Year
02-0328.04	2002
02-0328.05	2002
02-1205.04	2002
02-1205.05	2002
02-1205.06	2002
02-1205.07	2002
02-1211.06	2002
02-1211.07	2002
02-1211.08	2002
04-0512.04	2004
ASTM C 1492	2003

FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
FRSA/RTI 07320	2001
RAS 118	2004
RAS 119	2004
RAS 120	2004
SSTD 11	1997
TAS 101	1995
TAS 102	1995
TAS 102(A)	1995
TAS 112	1995

Equivalence of Product Standards Certified By

Sections from the Code	1507.3.2 1507.3.5 1507.3.7 1507.3.8 1507.3.9 1518.8.1 1518.8.1 1518.8.1 1523.6.5.2 1523.6.5.2.2.2 1523.6.5.2.3 1523.6.5.2.3. 1715.2
Product Approval Method	Method 1 Option C
Date Submitted	08/18/2005
Date Validated	10/19/2005

Date Pending FBC Approval	10/01/2005
Date Approved	11/11/2005

Summary of Products

FL #	Model, Number or Name	Description
560.1	Atlantis Shake and Slate	flat profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports** PTID_560_R1_T_02032804 Premium Duralite Shake and Slate.pdf PTID_560_R1_T_02032805 Premium Duralite Villa.pdf PTID_560_R1_T_02120504 Mission S and Espana.pdf PTID_560_R1_T_02120505 Villa, Roll, and Capri.pdf PTID_560_R1_T_02120506 Shake and Slate.pdf PTID_560_R1_T_02120507 Spanish S.pdf PTID_560_R1_T_02121106 Cedarlite.pdf PTID_560_R1_T_02121107 Mission Barrel.pdf PTID_560_R1_T_02121108 Atlantis.pdf PTID_560_R1_T_04051204 Madera.pdf PTID_560_R1_T_9460C.pdf PTID_560_R1_T_Certificate+of+Independence.pdf PTID_560_R1_T_FRSA Manual.pdf
560.2	Capri	medium profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/-		**Installation Instructions** Verified By: **Evaluation Reports**

Other: (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	

560.3	Cedarlite	low profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.4	Duralite Shake and Slate	flat profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.5	Duralite Villa	medium profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.6	Espana	high profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.7	Madera	flat profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and in non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.8	Mission 'S'	high profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.9	Mission Barrel	high profile
Limits of Use (See Other) **Approved for use in HVHZ:**		**Installation Instructions** Verified By:

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.	**Evaluation Reports**

560.10	Shake and Slate	flat profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.11	Spanish 'S'	high profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

560.12	Vanguard Roll	medium profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may		**Installation Instructions** Verified By: **Evaluation Reports**

be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		
560.13	Villa	medium profile
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** (A) Class A roof covering (B) Roof tiles may be used in both high velocity hurricane zones (HVHZ) and non high velocity hurricane zones.		**Installation Instructions** Verified By: **Evaluation Reports**

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Tallahassee, Florida 32399-2100
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Product Approval Accepts:

Sliding Glass Door

Product Approval
USER: Public User

FL #	FL126-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Kinco, Ltd.
Address/Phone/Email	P.O. Box 6429 5245 Old Kings Road Jacksonville, FL 32236-642 (904) 355-1476 ext 180 jim.puckett@kinco-windows.com
Authorized Signature	James Puckett jim.puckett@kinco-windows.com
Technical Representative	James Puckett
Address/Phone/Email	5245 Old Kings Rd. N. Jacksonville, FL 32254 jim.puckett@kinco-windows.com

Quality Assurance Representative Address/Phone/Email	
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)	Standard	Year
	ANSI/AAMA/NWWDA 101 I.S. 2	1997

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	09/22/2005
Date Validated	09/30/2005
Date Pending FBC Approval	09/30/2005
Date Approved	10/11/2005

Summary of Products

FL #	Model, Number or Name	Description

126.1	Mark 2/3/4/5	Aluminum Sliding Glass Door
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** BYPASS only DP35 4068panel DP30 3080panel		**Certification Agency Certificate** **Installation Instructions** PTID_126_R1_I_KJAX0077 - SGD 1x buck.PDF PTID_126_R1_I_KJAX0078 - SGD 2x buck or wood frame.PDF Verified By:

126.2	Mark 2/3/4/5 HP	Aluminum Sliding Glass Door
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** BYPASS and POCKET DP40 4080panel		**Certification Agency Certificate** **Installation Instructions** Verified By:

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DCA Administration
Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

Product Approval
USER: Public User

FL #	FL161-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Custom Window Systems, Inc.
Address/Phone/Email	981 N.E. 16th Street Ocala, FL 34470 (352) 368-6922 ext 206 Nancy@cws.cc
Authorized Signature	Nancy Haldin Nancy@cws.cc
Technical Representative	Michael LaFevre
Address/Phone/Email	981 NE 16th Street Ocala, FL 34470 Michael@cws.cc

Quality Assurance Representative	Ralph Emminger
Address/Phone/Email	981 NE 16th Street Custom Window Systems, Inc. Ocala, FL 34470 (352) 368-6922 ralph@cws.cc
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	Keystone Certifications, Inc.

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ANSI/AAMA/WDMA 101/IS2-97	1997

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	08/02/2005
Date Validated	08/02/2005
Date Pending FBC Approval	08/04/2005
Date Approved	08/24/2005

Summary of Products

FL #	Model, Number or Name	Description
161.1	Guardian Entry Door	Guardian Entry Door
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Guardian Entry Door HGD-LC40 37x81		**Certification Agency Certificate** **Installation Instructions** PTID_161_R1_I_CAR 138-109.pdf PTID_161_R1_I_CWS-0131.pdf PTID_161_R1_I_CWS-0133.pdf PTID_161_R1_I_CWS-0134.pdf Verified By:

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DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF
Community Affairs

Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- BUILDING CODES
- FLORIDA COMMUNITIES TRUST
- FRONT PORCH FLORIDA
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY
- NEWS
- FREQUENTLY ASKED QUESTIONS
- ABOUT OUR SECRETARY
- E-MAIL THE SECRETARY
- INSPECTOR GENERAL
- WEB ASSISTANCE
- CONTACT US
- OUR LOGO
- DCA EMPLOYEE SERVICES

Product Approval
USER: Public User

FL #	FL331-R2
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	PGT Industries
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 ext 1124 lturner@pgtindustries.com
Authorized Signature	Lucas Turner lturner@pgtindustries.com
Technical Representative	Lucas A. Turner
Address/Phone/Email	1070 Technology Drive Nokomis, FL 34275 (941) 480-1600 lturner@pgtindustries.com

Quality Assurance Representative Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)	**Standard**	**Year**
	ANSI/AAMA/NWWDA 101/I.S.2	1997

Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	08/03/2005
Date Validated	08/03/2005
Date Pending FBC Approval	08/04/2005
Date Approved	08/24/2005

Summary of Products

FL #	Model, Number or Name	Description

331.1	SWD-100	Aluminum Cabana Door
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** HGD-LC40-37x80		**Certification Agency Certificate** **Installation Instructions** PTID_331_R2_I_FTL-3473.pdf Verified By:

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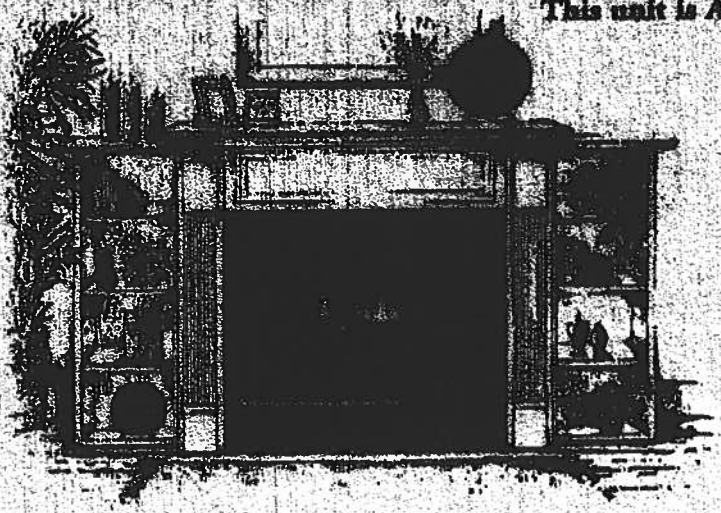
DCA Administration
Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

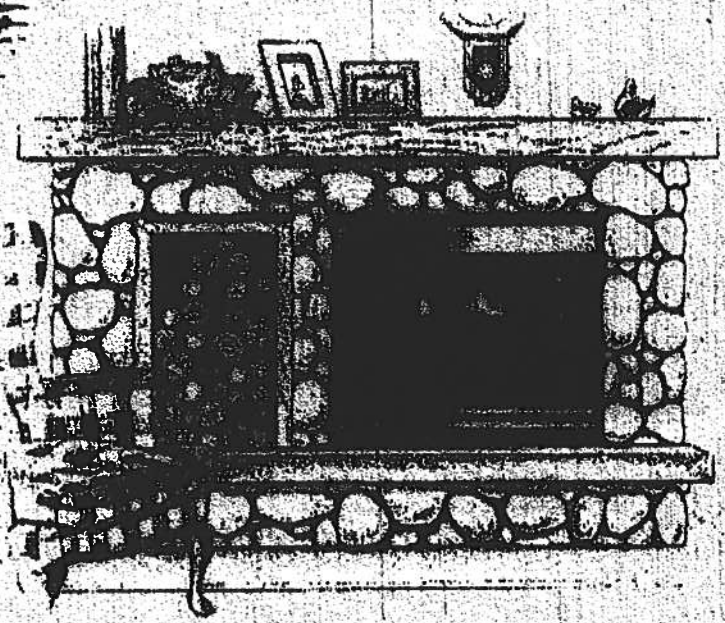
VENT-FREE

This unit is A.G.A. certified as a heater with 99% heat efficiency
No chimney or flue system required
Wide selection of factory installed options offered



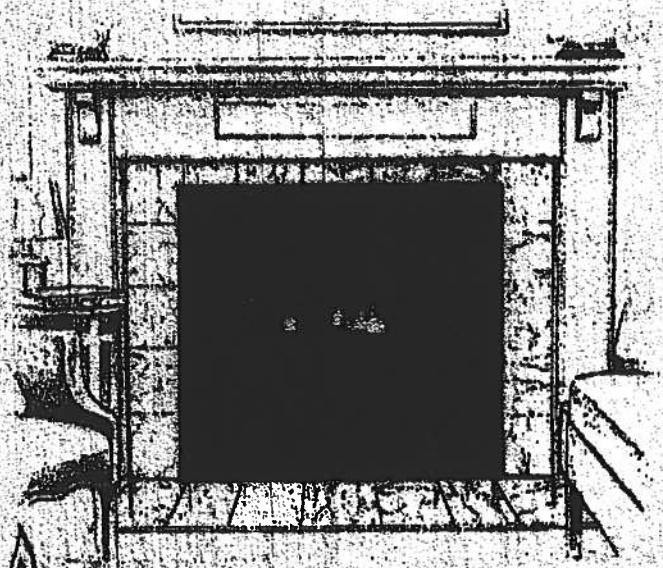
VF-4000

- 14,000 – 25,000 Btu/hr with manual control valve
- 19,500 – 25,000 Btu/hr with millivolt control valve
- Fully assembled and ready to install
- Attractive wood surrounds available
- 15" x 30" fixed or operable screen opening



VF-5000

- 25,000 Btu/hr millivolt variable heat output
- 15" X 30" glass or screen viewing area
- Clean burning, safe and easy to install
- Realistic charred oak logs with glowing embers

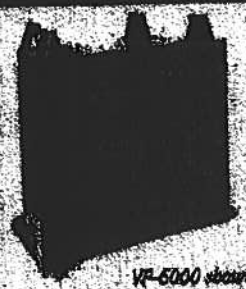


VF-6000

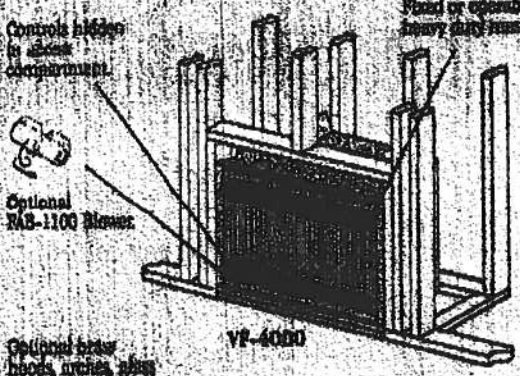
- 32,000 Btu/hr millivolt variable heat output
- Beautiful 20" X 34" glass or screen viewing area
- Will operate during a power failure
- Designed for large rooms

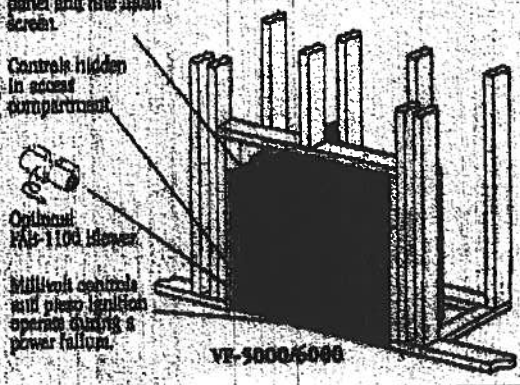
GAS

SUPERIOR



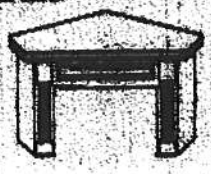
VF-6000 shown





SURROUNDS

The Charleston Poplar Surround is hand crafted using a combination of solid Poplar and Poplar veneer. Using the unique wood type of Poplar allows you the option to paint or stain this elegantly detailed surround. The surround is constructed using easy to assemble cam locks, and available in corner and wall units.



Distributed by:

Refractory tan brick panels

Gas Dux liner kit.

Square brass trim kit.

Brass Louver Kit (For VF-4 only)

Screen panel kit. (For VF-5 & VF6 only)

Arch kit. (For VF-5 & VF6 only)

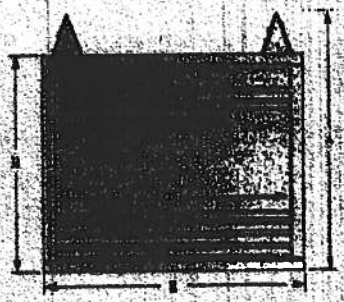
Glass door kit. (For VF-5 & VF6 only)

Brass hood. (For VF-5 & VF6 only)

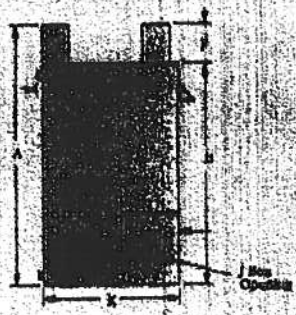
Wall switch or optional wireless remote available. (For VF-4MV, VF-5 & VF-6)

Wall thermostat. (For VF-4MV, VF-5 & VF-6)

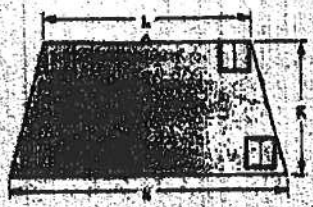
Front View



Left Side View



Top View



Vent-Free Product Dimensions

	VF-4000/5000C	VF-6000C
A		42-1/8"
B	32-1/2"	36-5/8"
C		30"
D	32"	34"
E		40"
F	3-1/4"	3-1/4"
G		17-3/4"
H	3-3/4"	3-3/4"
J		8-1/8"
K	3"	3"
L		29-1/8"
M	37"	38-1/8"

Btu Chart

Model	Natural	Propane
VF-4000 manual	14,000 – 25,000	14,000 – 35,000
VF-5000/6000 millivolt	19,500 – 25,000	19,500 – 35,000
VF-6000	25,000 – 52,000	25,000 – 52,000

Framing Dimension

Model	Width	Height	Depth
VF-5000/6000	37"	37-3/4"	15-1/2"
VF-4000	41"	42-3/8"	19-1/8"

NOTE: Diagrams and illustrations are not to scale. Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuation without notice. Built to ANSI Z21.11.2 standard and approved by A.G.A. (report # 1297001?).

Consult your distributor for local fireplace code information.

www.LennoxHearthProducts.com

P/N 601464 REV # 2/00

** LAMAR BOOZER **		PROJECT:	
900 EAST PUTNAM STREET		CLIENT:	I SAA C CADY
LAKE CITY, FL 32055		DATE:	5 20 06
RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS		DESIGNER:	LAMAR BOOZER

CLIENT INFORMATION:

NAME: I SAA C CADY
ADDRESS: .
CITY, STATE: LAKE CITY, FLORIDA 32055

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	294	9,589	0	18,808	18,808
9-I FRENCH DOOR DBL CLR GLS METL FR	84	2,851	0	6,148	6,148
12-E WALL R-11 +1/2"EXTPOLY BD(R-2.5)	2,409	8,131	0	4,808	4,808
11-C DOOR METAL POLYSTYRENE CORE	57	1,206	0	713	713
16-G CEILING R-30 INSULATION	3,139	4,662	0	4,868	4,868
22-A SLAB ON GRADE NO EDGE INSUL	289	10,535	0	0	0
SUBTOTALS FOR STRUCTURE:	6,272	36,974	0	35,345	35,345
PEOPLE	28	0	0	8,400	8,400
APPLIANCES	0	0	1,800	1,500	3,300
DUCTWORK	0	1,849	0	4,525	4,525
INFILTRATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
VENTILATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
SENSIBLE GAIN TOTAL				49,770	
TEMP. SWING MULTIPLIER				X 1.00	
BUILDING LOAD TOTALS		38,823	1,800	49,770	51,570

SUPPLY CFM AT 20 DEG DT:	2,262	CFM PER SQUARE FOOT:	0.721
SQUARE FT. OF ROOM AREA:	3,139	SQUARE FOOT PER TON:	730.425

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 38.823 MBH
TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 4.298 TONS

CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.

Mike + Linda Casey remodel

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☐	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional
☑	☐	**Elevations including:**
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation
☑	☐	d) Location, size and height above roof of chimneys
☑	☐	e) Location and size of skylights
☑	☐	f) Building height
☑	☐	e) Number of stories

Floor Plan including:

- ☐ ☐ a) Rooms labeled and dimensioned
- ☐ ☐ b) Shear walls
- ☐ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☐ ☐ f) Must show and identify accessibility requirements (accesssable bathroom)

Foundation Plan including:

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

Roof System:

- ☐ ☐ a) Truss package including:
  1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☐ ☐ b) Conventional Framing Layout including:
  1. Rafter size, species and spacing
  2. Attachment to wall and uplift
  3. Ridge beam sized and valley framing and support details
  4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☐ ☐ a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termiticide or alternative method)
  10. Slab on grade
      a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
      b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:
      a. Attic space
      b. Exterior wall cavity
      c. Crawl space (if applicable)

☑ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

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

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

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

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

☐ ☐ f) Appliances and HVAC equipment

HVAC information

☐ ☐ a) Manual J sizing equipment or equivalent computation

☐ ☐ b) Exhaust fans in bathroom

☑ ☐ **Energy Calculations** (dimensions shall match plans)

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

Disclosure Statement for Owner Builders

Notice Of Commencement

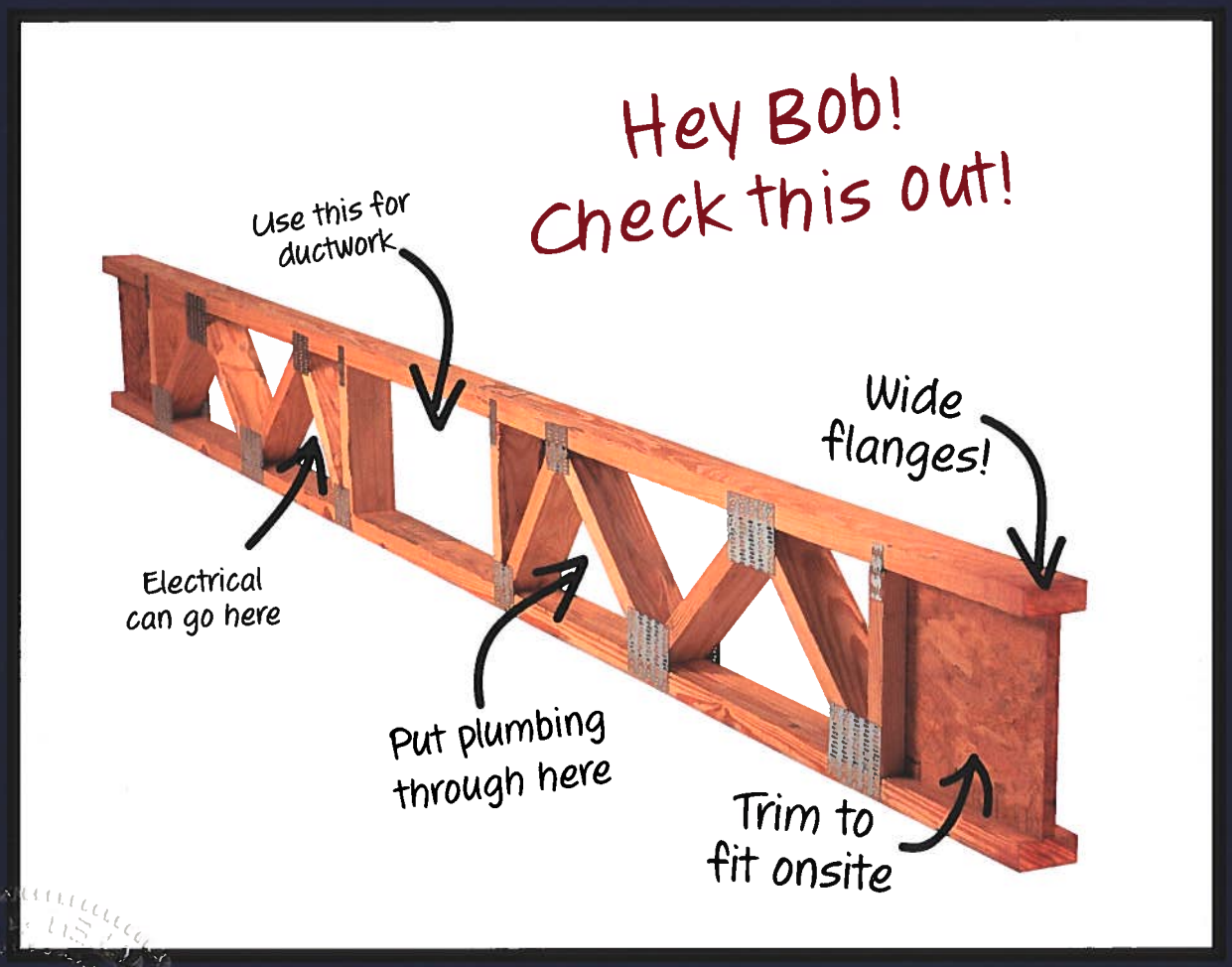
Private Potable Water

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

TrimJoist



If Bob tries TrimJoist, he'll find out why TrimJoist is the best choice for floor truss products.

IT'S CONTRACTOR-FRIENDLY.
The end sections can be trimmed onsite.

IT SAVES MONEY AND TIME.
With strut-webbing, there's no need for subcontractors to cut holes.

IT'S STRONGER.
You don't weaken the joist with holes.

IT HAS WIDE FLANGES.
With 3.5-inch flanges on the top and bottom, subfloor application is simple. Nailing and gluing are easier.

IT COMES WITH A TEAM OF ENGINEERS.
Just call our toll-free number for custom engineering.

TrimJoist
ENGINEERED WOOD PRODUCTS

1 800 844-8281
www.trimjoist.com

U.S. Patent 5,761,872 • U.S. Patent 6,139,667 • Additional Patents Pending

The *uniform load* span charts below indicate the maximum design spans (including a 1½" minimum bearing at each end) for each family of *Trim*Joist floor joists. Each chart is divided into columns which represent common design loadings and rows which show typical spacings. Most residential designs require a minimum of 55 psf loading. Floors used for heavy traffic and/or heavy floor coverings (e.g. Tile) should be designed at 60 psf minimum. All loads are broken down into *Live, Top-dead* and *Bottom-dead* components. For example, the 55 psf column is really 40 psf live plus 10 psf top-dead plus 5 psf bottom-dead for a total of 55 psf. Dead loads are the weight of construction materials and are always present for the whole life of the structure. Live loads, on the other hand, are transient and are never constant over the life of the structure. Select the appropriate column based on the *dead* loads of your construction materials. These charts are for *uniformly loaded, clear span, simply supported* joists. For special applications requiring concentrated loads, asymmetric continuous loads, cantilevers, or special bearing conditions please consult a *Trim*Joist representative or authorized dealer. The TPDS computer program can be used to analyze almost any loading and/or bearing condition.

11 ¼" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	24′- 0" L/497	24′- 0" L/497
16	22′- 0" L/485	22′- 0" L/485
19.2	21′- 2" L/453	21′- 2" L/453
24	19′- 7" L/455	19′- 7" L/455

16" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	28′- 0" L/676	28′- 0" L/676
16	28′- 0" L/507	28′- 0" L/507
19.2	27′- 4" L/453	27′- 4" L/453
24	25′- 5" L/450	25′- 5" L/450

14" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	26′- 0" L/633	26′- 0" L/633
16	26′- 0" L/475	26′- 0" L/475
19.2	24′-10" L/453	24′-10" L/453
24	23′- 0" L/452	22′- 0" L/517

18" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	30′- 0" L/710	30′- 0" L/710
16	30′- 0" L/532	30′- 0" L/532
19.2	29′-10" L/451	29′-10" L/451
24	27′- 7" L/468	27′- 3" L/473

Notes on Span Charts:

1. Spans are based on uniformly loaded joists and include allowances for repetitive use members.
2. Live loads of 40 psf are assumed, Additional dead loads should be chosen based on construction materials.
3. All *Trim*Joist floor joists have a TOP orientation and should not be installed upside-down.
4. Stiffness factors (L/xxx) assume a minimum ¾-inch span-rated subfloor that has been both *glued* and *nailed*.
5. Limit total reaction (per end) to that indicated in the Maximum Reaction Table at the right.
6. Do not apply center supports, cantilevers, concentrated, or asymmetrical continuous loads without first consulting a *Trim*Joist representative.

Maximum Reaction Table

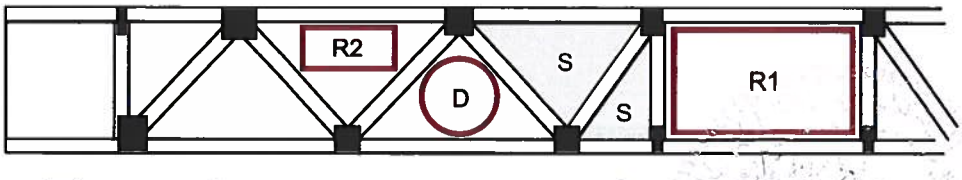
Width	1½	3½	5½
Max	3000	3500	4000

Width is the width of the loaded wall above, or the bearing wall width whichever is less.

A Note About Floor Stiffness: Floor performance is greatly influenced by joist stiffness. Experience has shown that a floor system designed to minimum code acceptance may not meet the expectations of discerning owners. *Trim*Joist Corporation strongly recommends that floor spans be limited to those indicated in the charts above. The numbers in these charts far exceed minimum code requirements and are based on both gluing *and* nailing the subfloor. In cases where the subfloor is nailed only, spans remain the same, but the stiffness must be reduced by 20%. For optimal performance use screws in lieu of nails.

Opening Sizes

	J12	J14	J16	J18
H	11¼"	14"	16"	18"
D	5"	8"	9"	10"
R1	8x16	10x24	12x24	14x24
R2	4x9	4x10 6x6	4x12 6x8	4x14 6x10 8x8



1. All sizes given are in inches and denote maximum expected clearance.
2. Rectangular opening (R1) is provided at centerline of stock length.
3. Only opening D available in 4' stock length (one opening only).
4. Only opening R1 available in 6' and 8' stock length.
5. Openings R2 & D not applicable in shaded areas (s).

Jan. 19, 2006

Good Framing Practice...

DO Install *Trim*Joists right side up. TOP is stamped on the top of each joist.

DO Make sure that each *Trim*Joist bears on the bottom flange beneath the *Trim*End section or beneath the first metal plate if the *Trim*End section has been removed.

DO Use strongback stiffeners. Although not required for structural performance, strongback adds additional resistance to impact loadings.

DO Provide appropriate bearing width at each end of the *Trim*Joist. The required width can be found in the Maximum Reaction Table above. Use vertical web stiffeners where reactions exceed these values.

DO Use *Trim*Joist approved hangers for flush-mounted bearing conditions. These may be purchased from your local *Trim*Joist dealer.

DO Use an appropriately rated sub-floor that has been both glued and nailed/screwed to the top flange of the *Trim*Joist.

DO Consult your *Trim*Joist dealer or representative about special loading or bearing conditions not addressed in this Application Guide.

DO NOT cut any part of the *Trim*Joist except for the *Trim*End sections which are specifically designed to be field cut.

DO NOT remove, cut or alter any metal plate connector on the *Trim*Joist without first consulting a factory engineer.

DO NOT install the *Trim*Joist upside down without first consulting a *Trim*Joist factory engineer.

DO NOT use a *Trim*Joist as a header or beam except as may be instructed by a *Trim*Joist engineer.

DO NOT allow the *Trim*Joist to be supported by the top flange. All support must be from under the bottom flange.

DO NOT depend on "toe nailing" to provide adequate support capacity for flush-mounted framing. Consult your local *Trim*Joist dealer or a *Trim*Joist factory engineer for proper hanger selection.

DO NOT apply special support or load conditions without first consulting a *Trim*Joist representative.

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:1SWV487-Z0202135036

Truss Fabricator:	Anderson Truss Company
Job Identification:	6-122--Isaac Construction Cady -- , **
Truss Count:	66
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

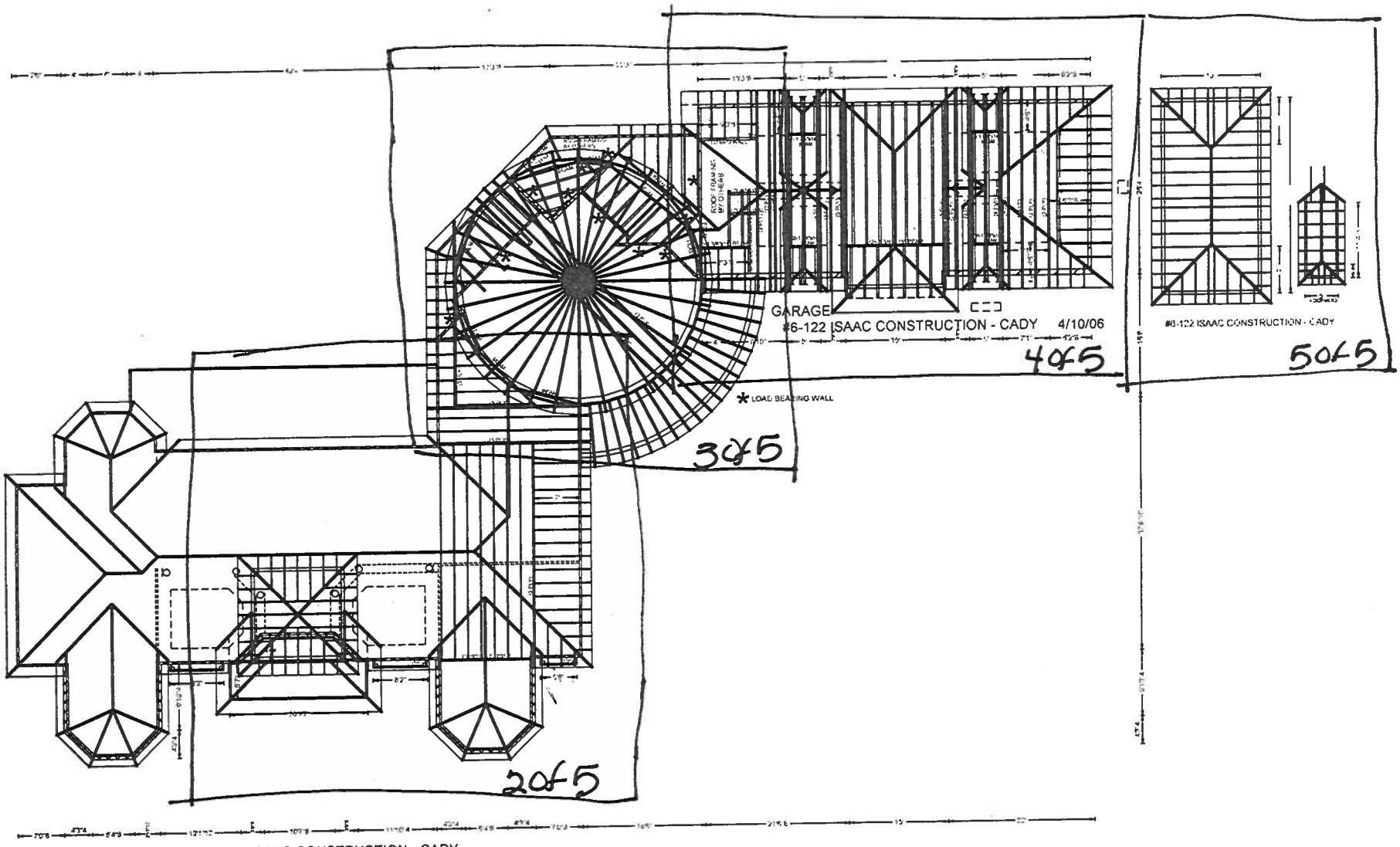
Seal Date: 05/02/2006

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

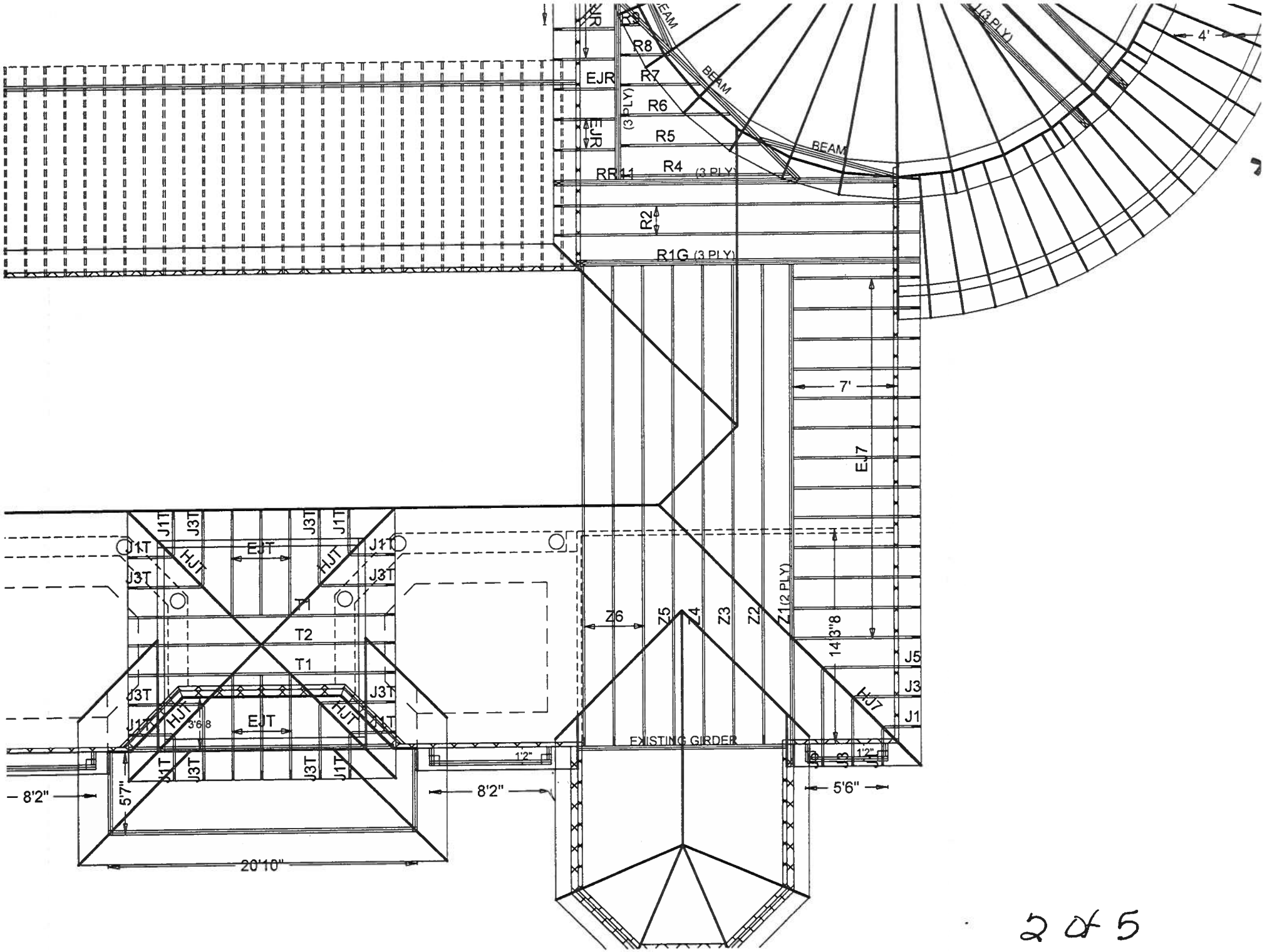
Details: CNBRGBLK-

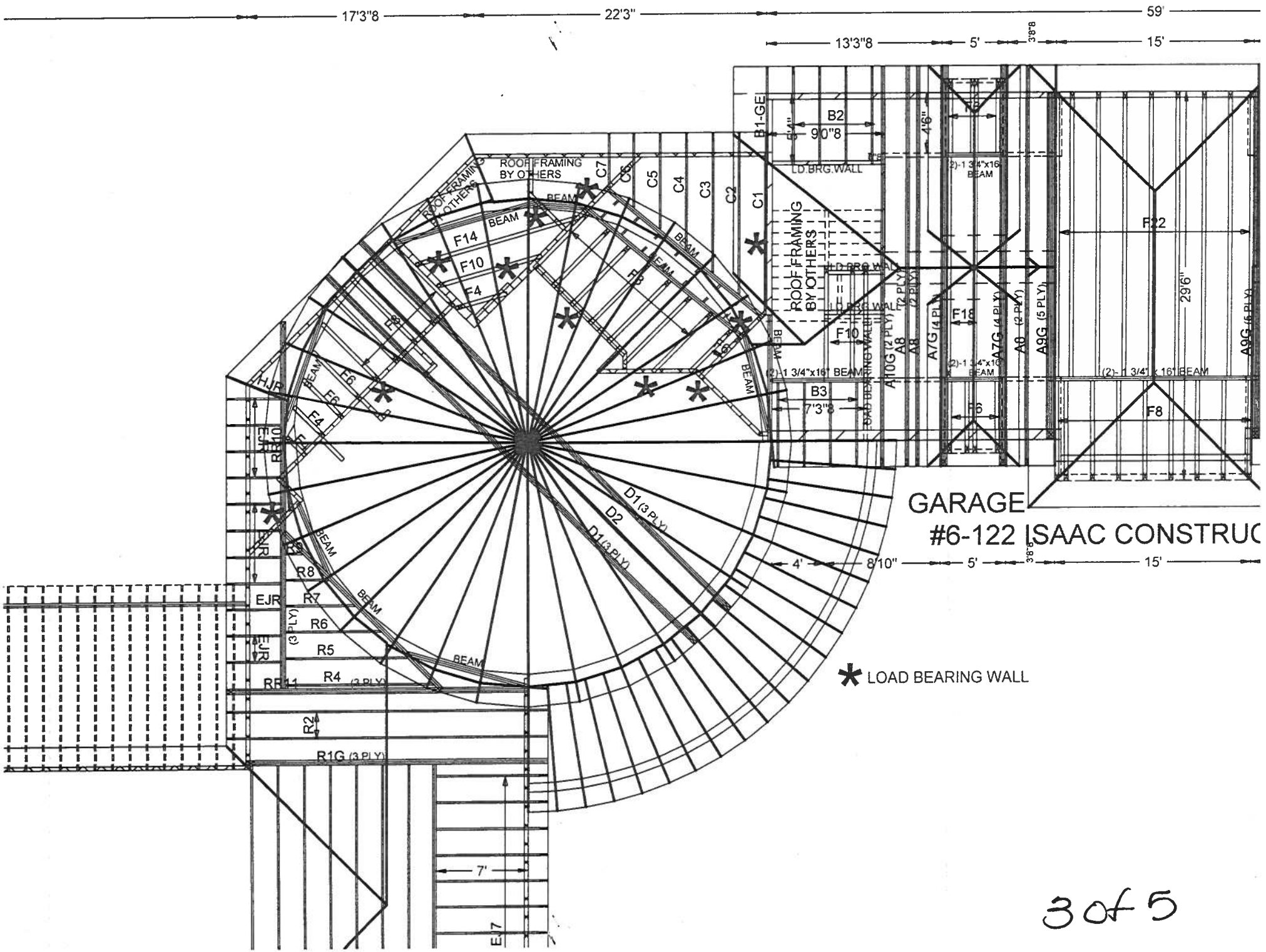
#	Ref Description	Drawing#	Date
1	62182--A1	06122037	05/02/06
2	62183--A2	06122026	05/02/06
3	62184--A3	06122023	05/02/06
4	62185--A4	06122067	05/02/06
5	62186--A5	06122016	05/02/06
6	62187--A6G	06122057	05/02/06
7	62188--A7G	06122036	05/02/06
8	62189--A8	06122019	05/02/06
9	62190--A9G	06122021	05/02/06
10	62191--A10G	06122041	05/02/06
11	62192--B1-GE	06122050	05/02/06
12	62193--B2	06122047	05/02/06
13	62194--B3	06122048	05/02/06
14	62195--C1	06122068	05/02/06
15	62196--C2	06122069	05/02/06
16	62197--C3	06122061	05/02/06
17	62198--C4	06122062	05/02/06
18	62199--C5	06122063	05/02/06
19	62200--C6	06122064	05/02/06
20	62201--C7	06122066	05/02/06
21	62202--D1	06122011	05/02/06
22	62203--D2	06122009	05/02/06
23	62204--HJR	06122060	05/02/06
24	62205--EJR	06122018	05/02/06
25	62206--HJT	06122046	05/02/06
26	62207--EJT	06122008	05/02/06
27	62208--J3T	06122056	05/02/06
28	62209--J1T	06122065	05/02/06
29	62210--HJX	06122052	05/02/06
30	62211--EJX	06122054	05/02/06
31	62212--J1X	06122053	05/02/06
32	62213--HJA	06122030	05/02/06
33	62214--EJA	06122032	05/02/06
34	62215--J1A	06122035	05/02/06
35	62216--J2A	06122028	05/02/06
36	62217--J3A	06122033	05/02/06

#	Ref Description	Drawing#	Date
37	62218--J4A	06122034	05/02/06
38	62219--HJ7	06122039	05/02/06
39	62220--EJ7	06122042	05/02/06
40	62221--J5	06122044	05/02/06
41	62222--J3	06122024	05/02/06
42	62223--J1	06122025	05/02/06
43	62224--K1	06122043	05/02/06
44	62225--K2	06122031	05/02/06
45	62226--R1G	06122010	05/02/06
46	62227--R2	06122070	05/02/06
47	62228--R4	06122022	05/02/06
48	62229--R5	06122027	05/02/06
49	62230--R6	06122040	05/02/06
50	62231--R7	06122059	05/02/06
51	62232--R8	06122058	05/02/06
52	62233--R9	06122029	05/02/06
53	62234--RR10	06122030	05/02/06
54	62235--RR11	06122071	05/02/06
55	62236--T1	06122007	05/02/06
56	62237--T2	06122038	05/02/06
57	62238--X1	06122045	05/02/06
58	62239--X2	06122049	05/02/06
59	62240--X3G	06122051	05/02/06
60	62241--XX4	06122055	05/02/06
61	62242--Z1	06122014	05/02/06
62	62243--Z2	06122017	05/02/06
63	62244--Z3	06122015	05/02/06
64	62245--Z4	06122013	05/02/06
65	62246--Z5	06122012	05/02/06
66	62247--Z6	06122020	05/02/06

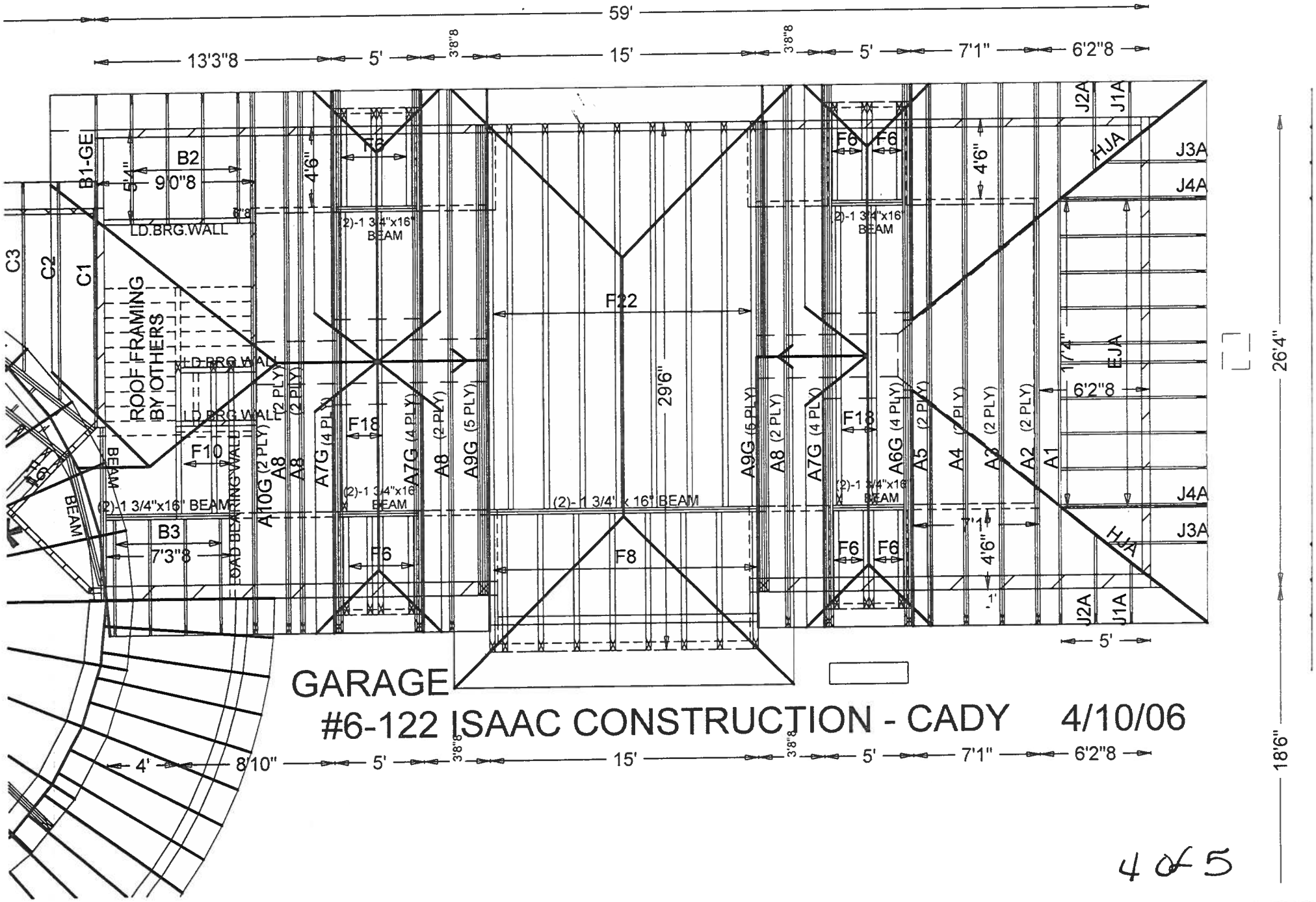


Overall Layout
1 of 5


EJR
R8
R7
R6
R5
R4 (3 PLY)
R2
R1G (3 PLY)
BEAM
BEAM
(3 PLY)
4'
7'
EJ7
Z6
Z5
Z4
Z3
Z2
Z1 (2 PLY)
14'3"8
J5
J3
J1
HJ7
EXISTING GIRDER
1'2"
5'6"
8'2"
5'7"
20'10"
J1T
J3T
HJT
EJT
T1
T2
3'6 8


17'3"8
22'3"
59'
13'3"8
5'
3'8"8
15'
B1-GE
B2
9'0"8
5'4"
4'6"
LD.BRG.WALL
2)-1 3/4"x16" BEAM
ROOF FRAMING BY OTHERS
C7
C6
C5
C4
C3
C2
C1
BEAM
F14
F10
F4
F6
F8
F18
F22
29'6"
A10G (2 PLY)
A8
A7G (4 PLY)
A9G (5 PLY)
(2)-1 3/4"x16" BEAM
B3
7'3"8
F8
GARAGE
#6-122 ISAAC CONSTRUC
4'
8'10"
5'
3'8"6
15'
EJR
R10
R9
R8
R7
R6
R5
R4 (3 PLY)
RR11
R2
R1G (3 PLY)
D1 (3 PLY)
D2
7'
E17
LOAD BEARING WALL

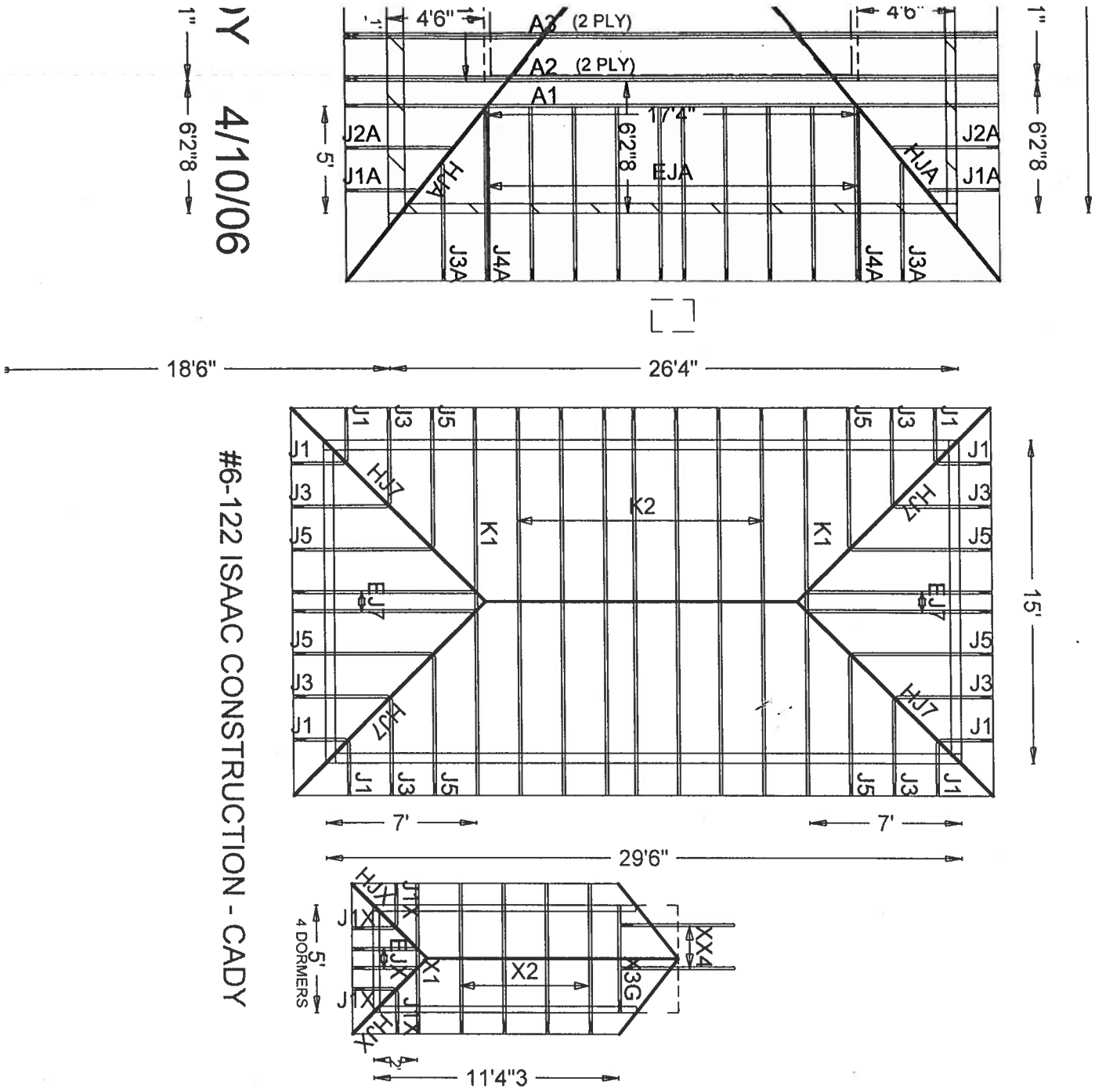
3 of 5



GARAGE

#6-122 ISAAC CONSTRUCTION - CADY 4/10/06

4 of 5



#6-122 ISAAC CONSTRUCTION - CADY

4/10/06

5 of 5

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

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

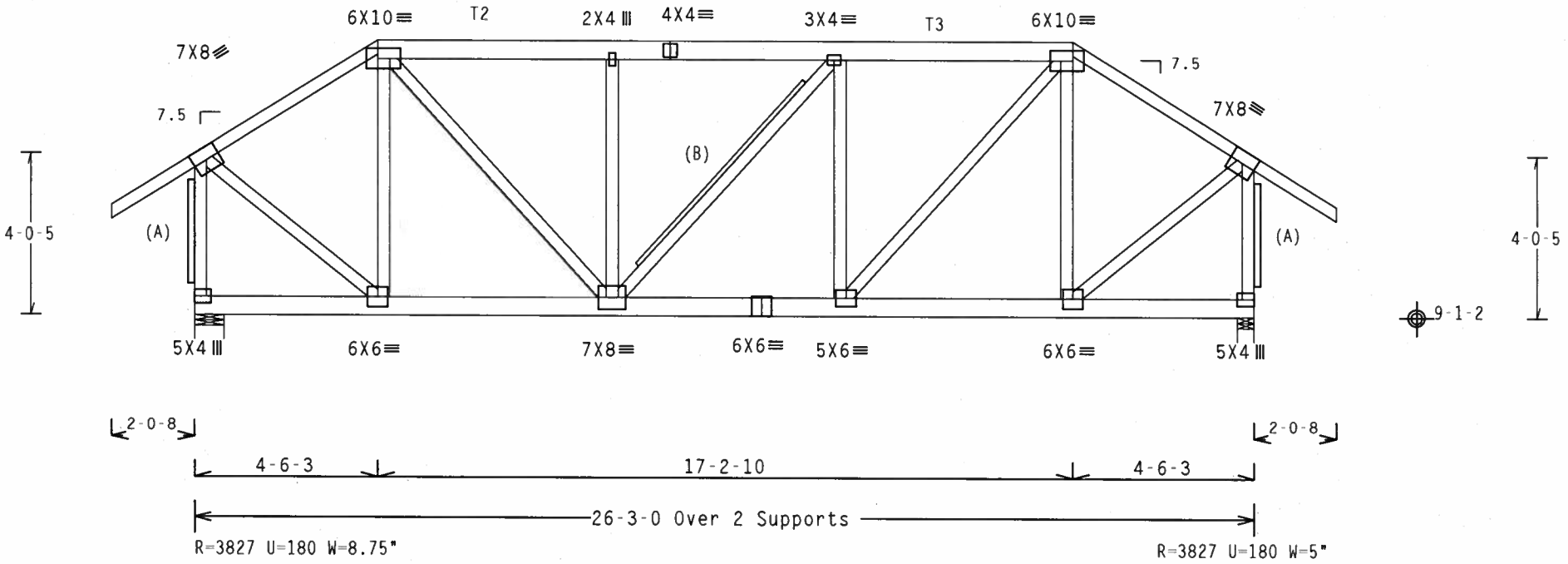
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

#1 hip supports 4-6-3 jacks W/2 panel TC and no end vert.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.25"/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.

IMPORTANTFURNISH 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 B. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62182
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122037
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95844
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

Top chord 2x8 SP SS :T2, T4 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

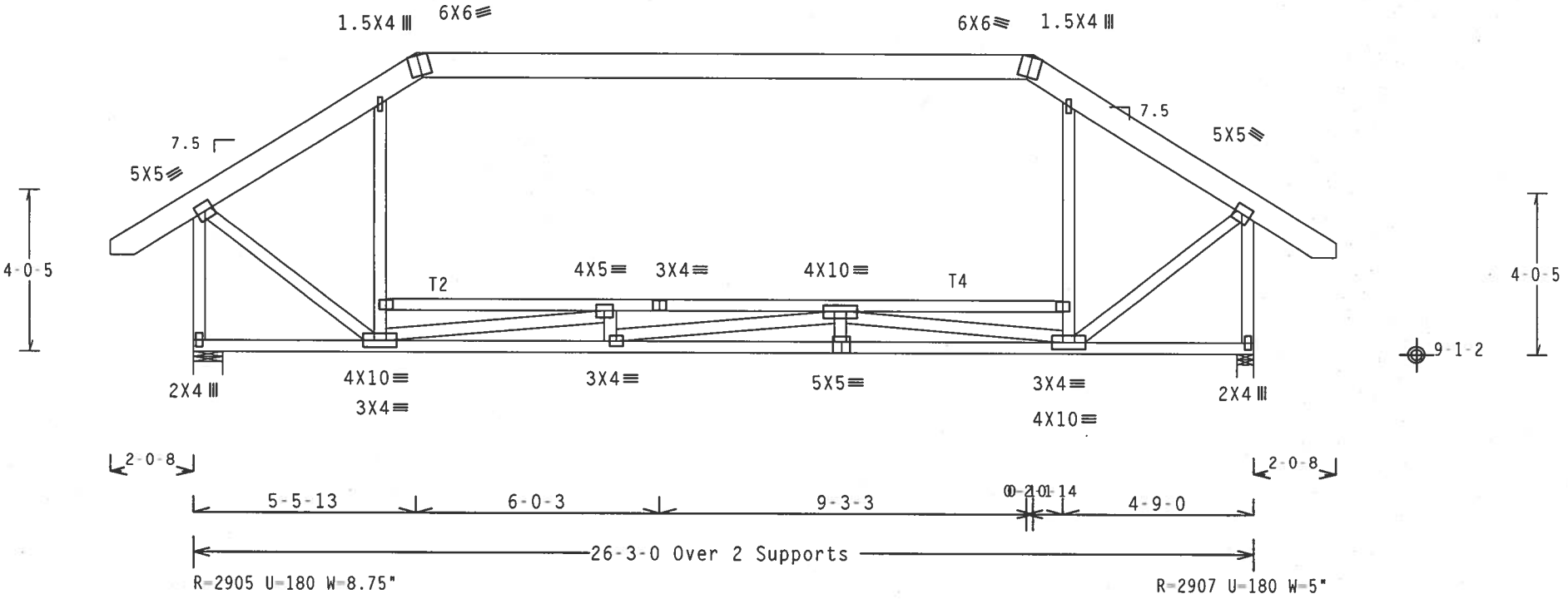
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

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

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-9-8.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 06

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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.

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TC LL	30.0 PSF	REF	R487-- 62183
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122026
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	96053
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

Top chord 2x8 SP SS :T2, T4 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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Webs : 1 Row @ 4" o.c.
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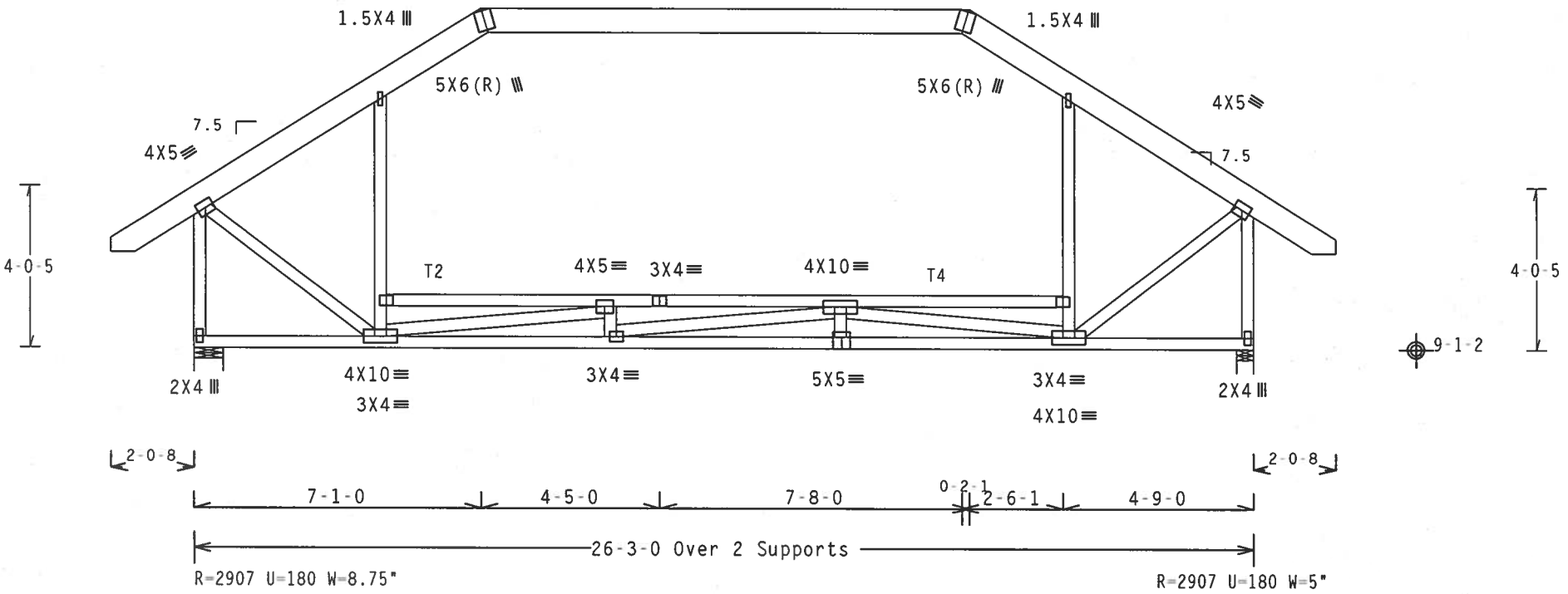

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible]CY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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.

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ARTHUR R. FISHER LICENSE No. 59681 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

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

TC LL	30.0 PSF	REF	R487-- 62184
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122023
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	96048
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - A4)

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

Top chord 2x8 SP SS :T2, T4 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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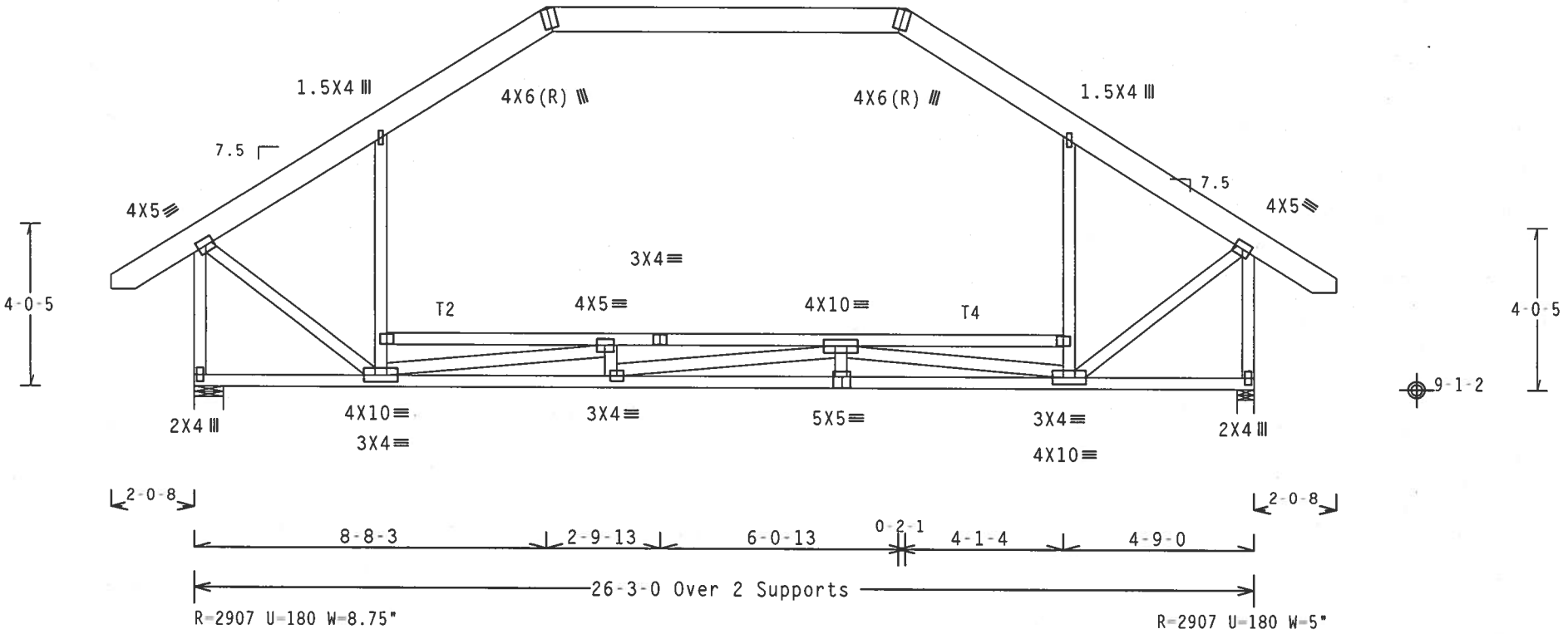
In lieu of structural panels use purlins to brace TC @ 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-9-8.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-
Scale =.25"/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 LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 0 '06

TC LL	30.0 PSF	REF R487-- 62185
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122067
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 96036
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

Top chord 2x8 SP SS :T2, T4 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

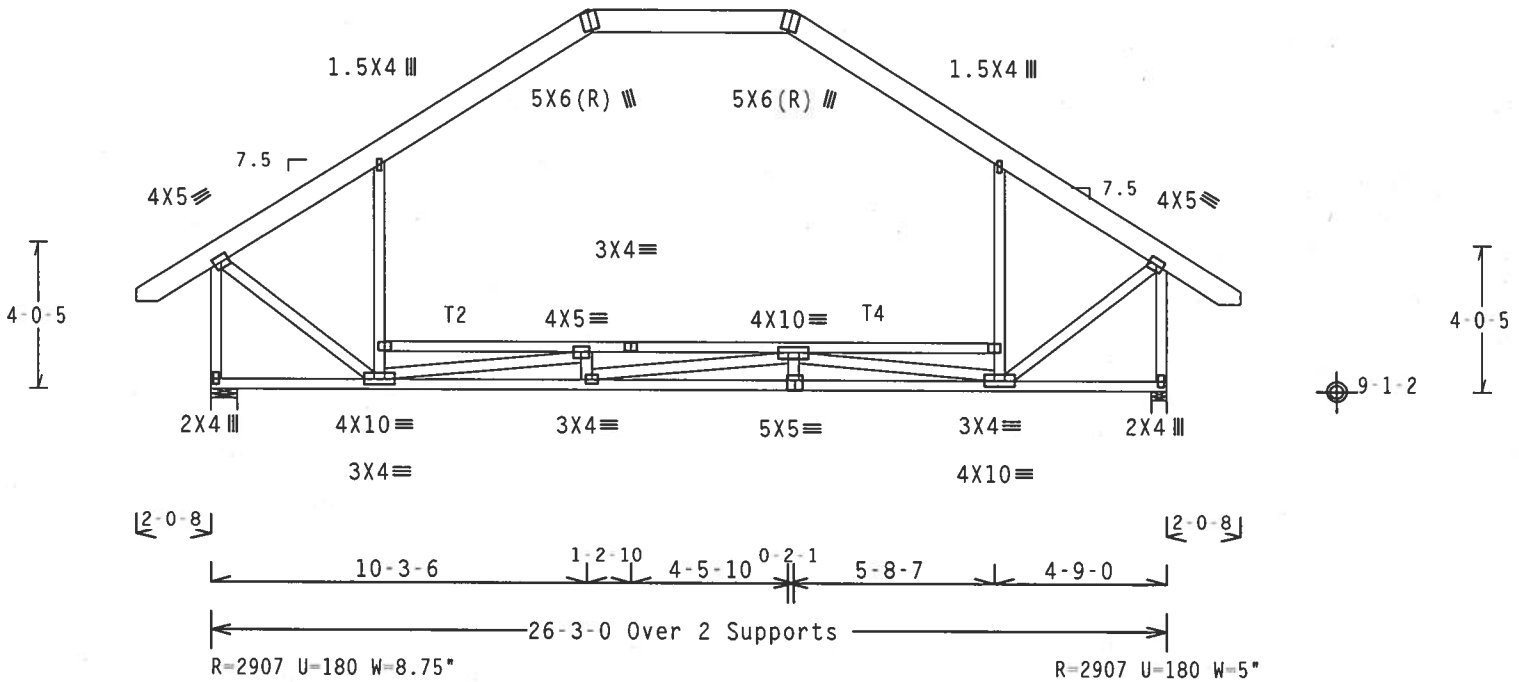
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

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

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-9-8.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 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 LICENSE No.39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 0[illegible]06

TC LL	30.0 PSF	REF R487-- 62186
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122016
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 96042
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

Top chord 2x8 SP #1 Dense :T2, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W7, W14 2x4 SP #2 Dense:

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

TC - From	95 PLF	at	-2.04	to	95 PLF	at 0.00
TC - From	223 PLF	at	0.00	to	215 PLF	at 0.71
TC - From	406 PLF	at	0.71	to	363 PLF	at 4.17
TC - From	386 PLF	at	4.17	to	372 PLF	at 5.32
TC - From	372 PLF	at	5.32	to	310 PLF	at 10.30
TC - From	119 PLF	at	10.30	to	119 PLF	at 20.48
TC - From	119 PLF	at	20.48	to	119 PLF	at 21.50
TC - From	95 PLF	at	21.50	to	95 PLF	at 28.00
BC - From	5 PLF	at	-2.04	to	5 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 4.17
BC - From	120 PLF	at	4.17	to	120 PLF	at 21.50
BC - From	20 PLF	at	21.50	to	5 PLF	at 28.00
TC -	487 LB Conc. Load at 0.71					
TC -	675 LB Conc. Load at 10.06					
BC -	1553 LB Conc. Load at 4.17, 21.50					

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

4 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 5.75" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2" bolt at each bottom chord joint location.

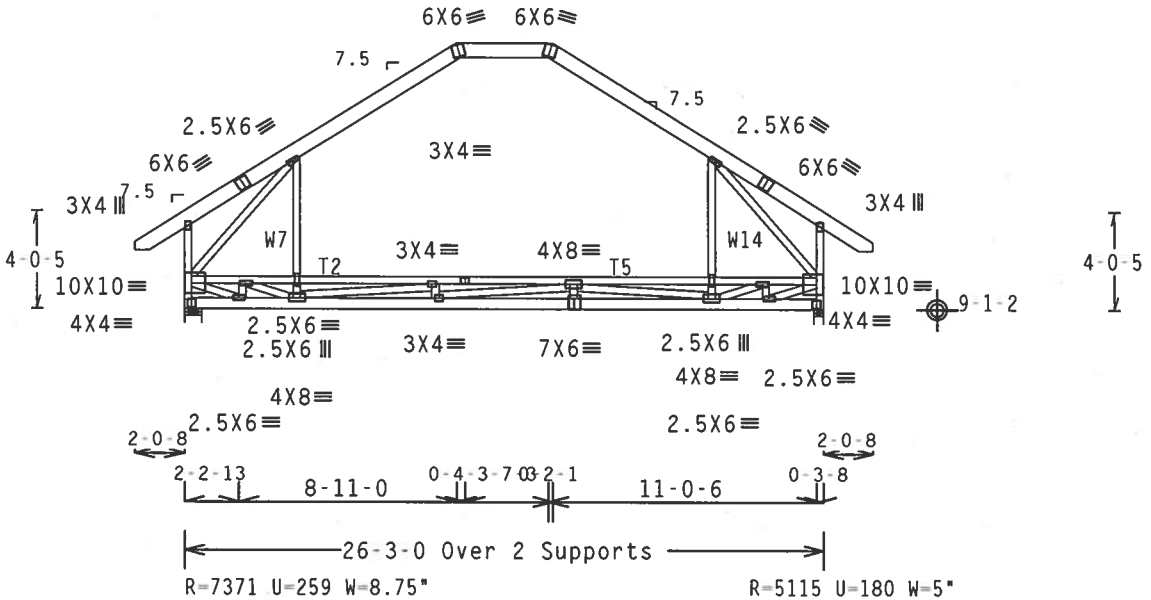
110 mph wind, 15.26 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

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

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TC LL	30.0 PSF	REF	R487-- 62187
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122057
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	96009
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

Top chord 2x8 SP #1 Dense :T2, T4 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W7, W14 2x4 SP #2 Dense:

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

TC - From	95 PLF	at	-2.04	to	95 PLF	at 0.00
TC - From	223 PLF	at	0.00	to	215 PLF	at 0.71
TC - From	406 PLF	at	0.71	to	363 PLF	at 4.17
TC - From	386 PLF	at	4.17	to	372 PLF	at 5.32
TC - From	372 PLF	at	5.32	to	310 PLF	at 10.30
TC - From	119 PLF	at	10.30	to	119 PLF	at 20.48
TC - From	119 PLF	at	20.48	to	119 PLF	at 21.50
TC - From	95 PLF	at	21.50	to	95 PLF	at 28.00
BC - From	5 PLF	at	-2.04	to	5 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 4.17
BC - From	120 PLF	at	4.17	to	120 PLF	at 21.50
BC - From	20 PLF	at	21.50	to	5 PLF	at 28.00

TC - 487 LB Conc. Load at 0.71
TC - 675 LB Conc. Load at 10.06
BC - 1553 LB Conc. Load at 4.17, 21.50

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

4 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"._min.)_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 1 Row @ 5.75" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2" bolt at each bottom chord joint location.

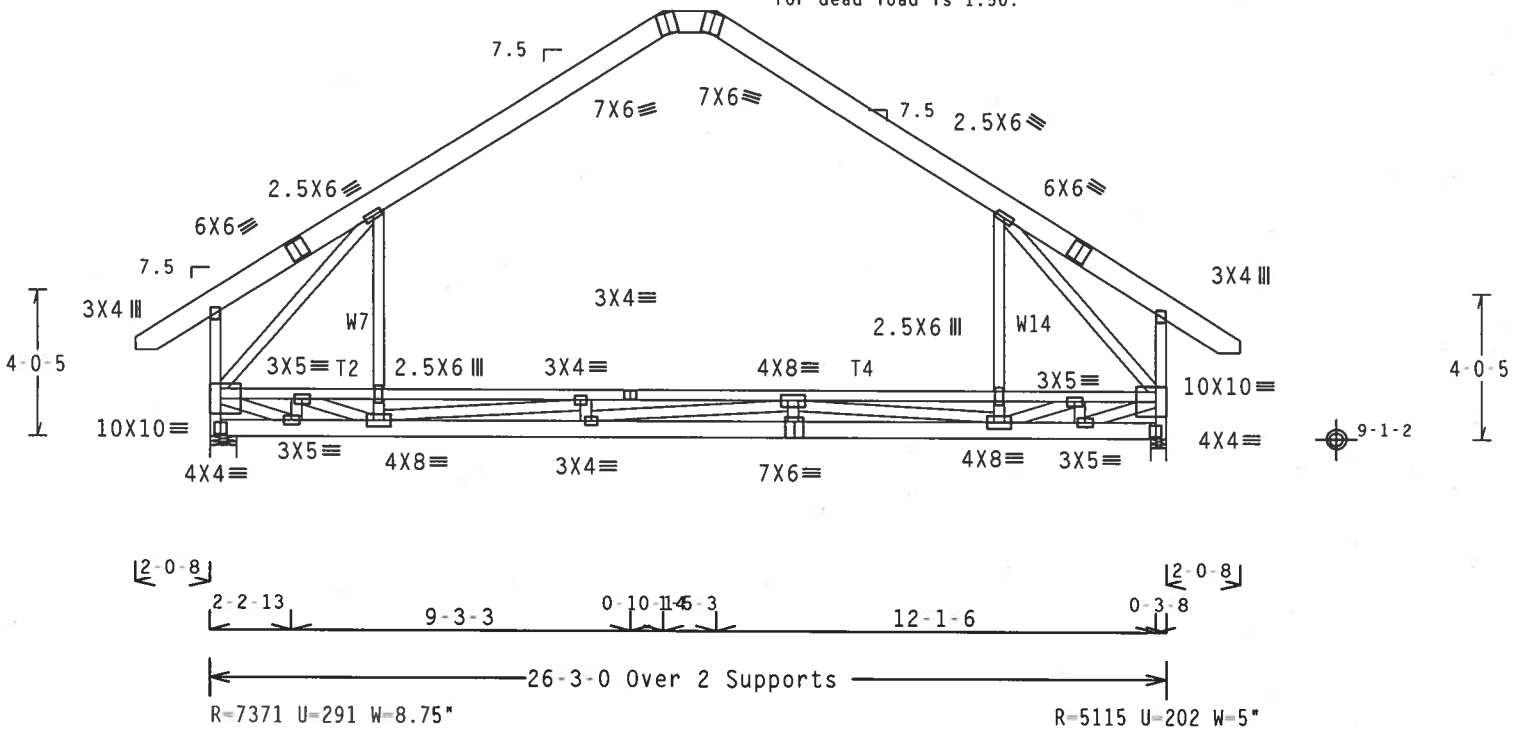
110 mph wind, 15.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Calculated horizontal deflection is 0.13" due to live load and 0.20" due to dead load.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cg/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62188
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122036
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	96014
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - A8)

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

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

110 mph wind, 15.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-9-8.

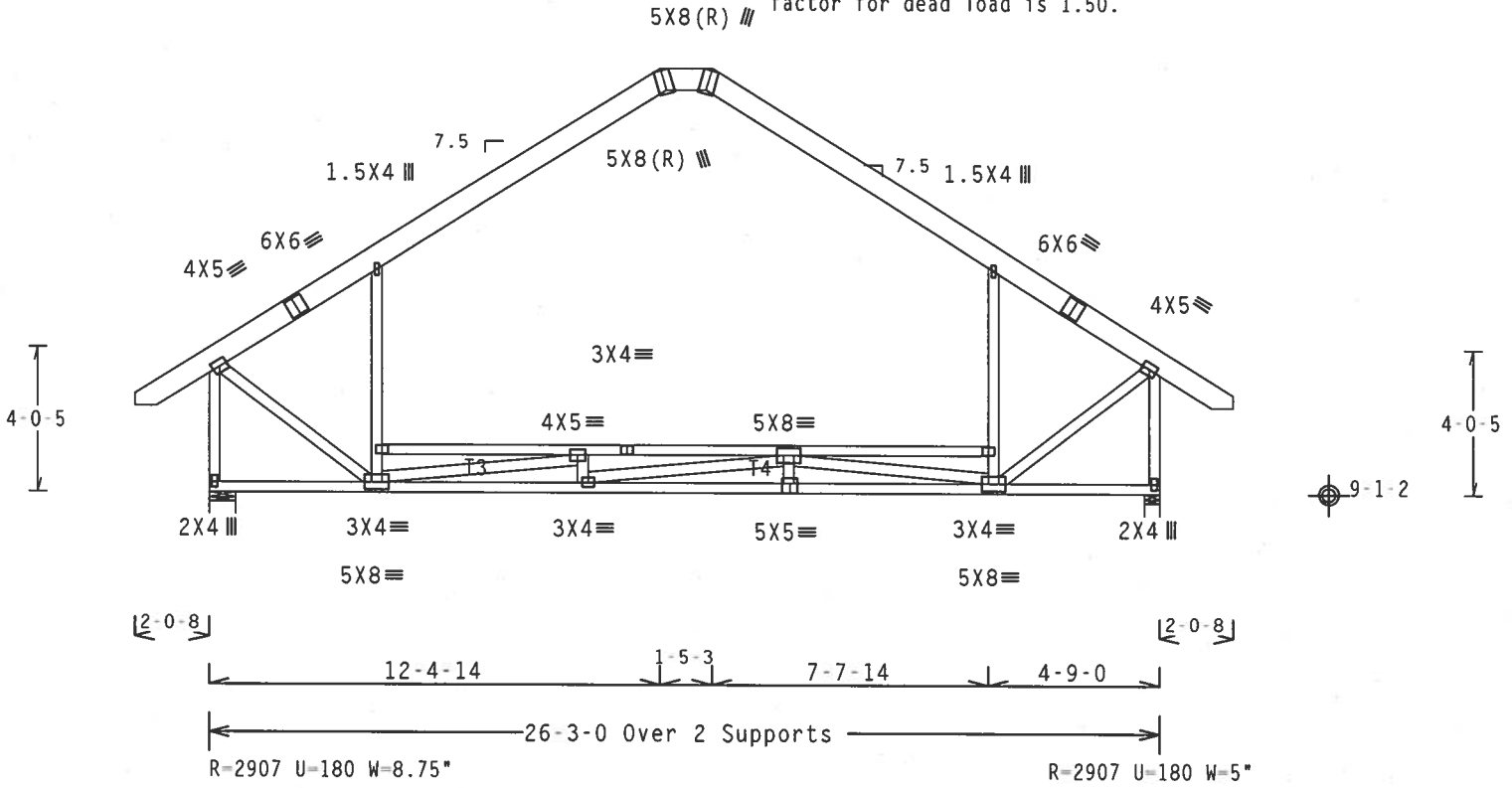
2 COMPLETE TRUSSES REQUIRED

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

Calculated horizontal deflection is 0.13" due to live load and 0.18" due to dead load.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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Haines City, FL 33844
Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02, 2006

TC LL	30.0 PSF	REF	R487-- 62189
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122019
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	96024
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - A9G)

Top chord 2x8 SP #1 Dense :T2, T4 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W6, W14 2x10 SP SS:
:W7, W15 2x4 SP #2 Dense:

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

TC - From	95	PLF at	-2.04	to	95	PLF at -0.36
TC - From	235	PLF at	-0.36	to	187	PLF at 4.17
TC - From	211	PLF at	4.17	to	207	PLF at 4.50
TC - From	707	PLF at	4.50	to	699	PLF at 5.32
TC - From	699	PLF at	5.32	to	627	PLF at 12.12
TC - From	627	PLF at	12.12	to	626	PLF at 12.83
TC - From	626	PLF at	12.83	to	704	PLF at 20.48
TC - From	704	PLF at	20.48	to	710	PLF at 21.17
TC - From	210	PLF at	21.17	to	214	PLF at 21.50
TC - From	190	PLF at	21.50	to	235	PLF at 25.96
TC - From	95	PLF at	25.96	to	95	PLF at 28.00
BC - From	5	PLF at	-2.04	to	5	PLF at 0.00
BC - From	20	PLF at	0.00	to	20	PLF at 4.17
BC - From	120	PLF at	4.17	to	120	PLF at 21.50
BC - From	20	PLF at	21.50	to	5	PLF at 28.00

TC - 467 LB Conc. Load at 1.54, 24.17
TC - 1680 LB Conc. Load at 3.54, 22.17
BC - 120 LB Conc. Load at 4.17, 21.50
BC - 5904 LB Conc. Load at 4.35

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

5 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25",_min.)_nails)
Top Chord: 1 Row @ 1.75" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2" bolt at each bottom chord joint location.

110 mph wind, 15.76 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

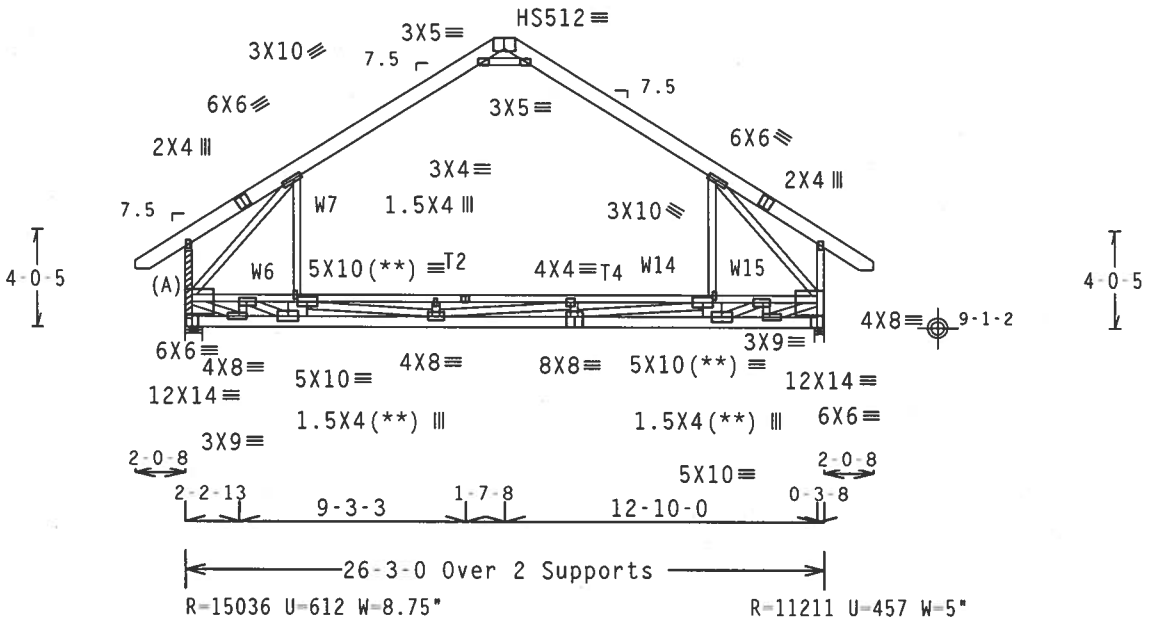
End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Calculated horizontal deflection is 0.16" due to live load and 0.27" due to dead load.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

(**) Plate relocated as shown.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. 20 Gauge HS,Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 0 '06

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.

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TC LL	30.0	PSF	REF R487-- 62190
TC DL	15.0	PSF	DATE 05/02/06
BC DL	10.0	PSF	DRW HCUSR487 06122021
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	55.0	PSF	SEQN- 96107
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - A10G)

Top chord 2x8 SP SS :T3, T4 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	197 PLF	at	-2.04 to	197 PLF	at	4.46
TC - From	220 PLF	at	4.46 to	220 PLF	at	5.61
TC - From	280 PLF	at	5.61 to	280 PLF	at	20.77
TC - From	220 PLF	at	20.77 to	220 PLF	at	21.79
TC - From	197 PLF	at	21.79 to	197 PLF	at	28.29
BC - From	5 PLF	at	-2.04 to	5 PLF	at	0.00
BC - From	20 PLF	at	0.00 to	20 PLF	at	4.46
BC - From	120 PLF	at	4.46 to	120 PLF	at	21.79
BC - From	20 PLF	at	21.79 to	20 PLF	at	26.25
BC - From	5 PLF	at	26.25 to	5 PLF	at	28.29

BC - 120 LB Conc. Load at 4.46, 21.79

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

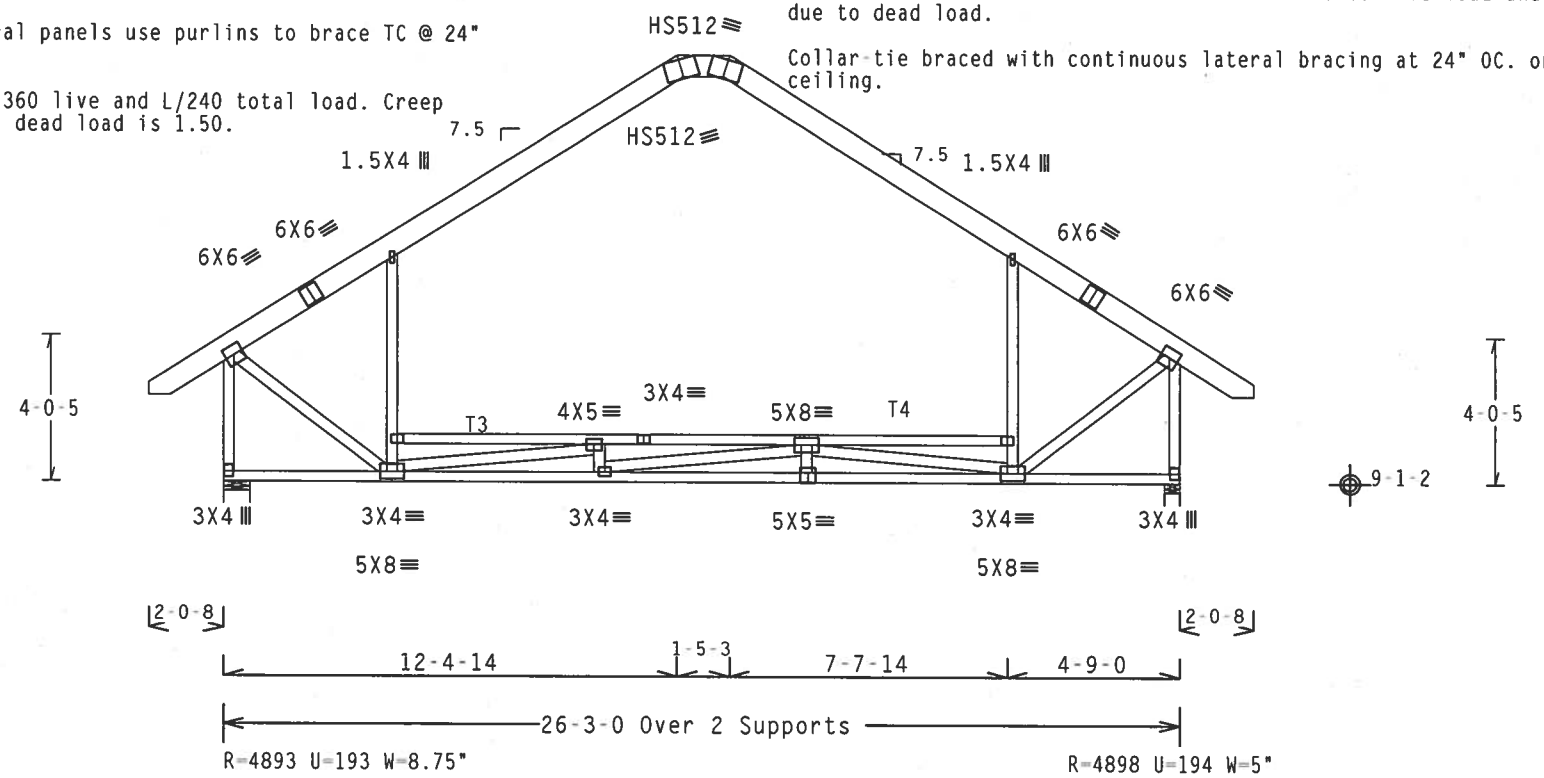
Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @10.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Calculated horizontal deflection is 0.12" due to live load and 0.24" due to dead load.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave

Cq/RT=1.00(1.25)/10(0) 7.24.13 KEY:1 FL/-/4/-/-/R/-

Scale =.1875"/Ft.

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

May 0[illegible] '06

TC LL	30.0	PSF	REF R487-- 62191
TC DL	15.0	PSF	DATE 05/02/06
BC DL	10.0	PSF	DRW HCUSR487 06122041
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	55.0	PSF	SEQN- 96062
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SWV487 Z02

ALPINE

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1950 Marley Drive
Haines City, FL 33844
Certificate of Authorization # 567

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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense :W2, W3 2x4 SP #3:

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Calculated horizontal deflection is 0.47" due to live load and 0.23" due to dead load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

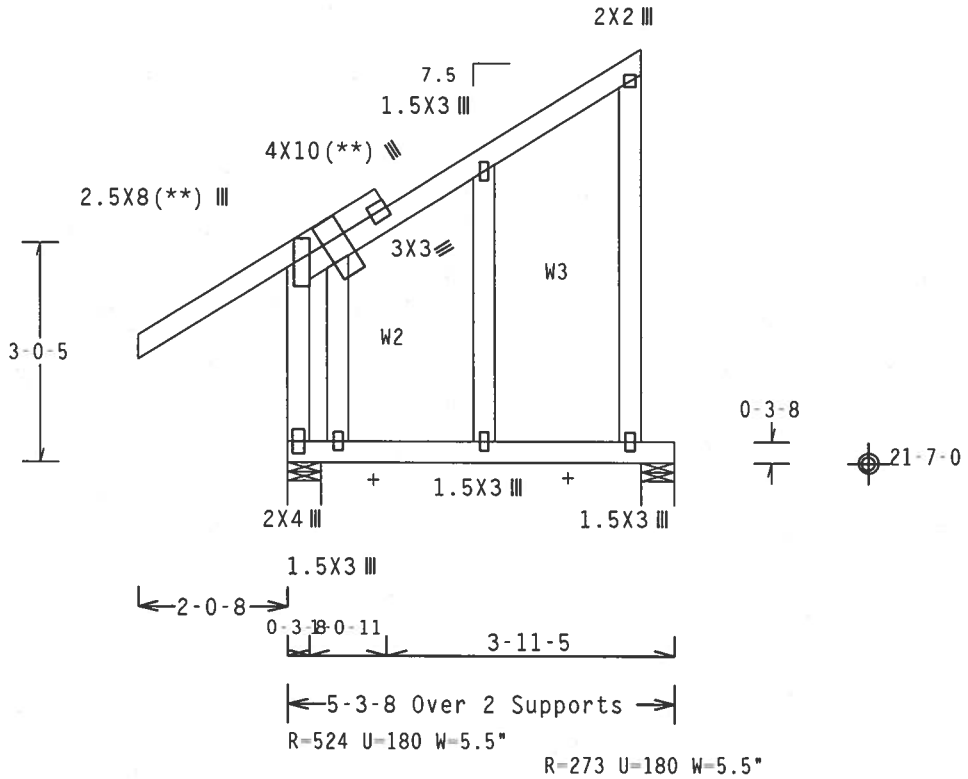
110 mph wind, 25.31 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Fasten rated sheathing to one face of this frame.

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.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

May 02 '06

TC LL	30.0 PSF	REF R487-- 62192
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122050
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 149642 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

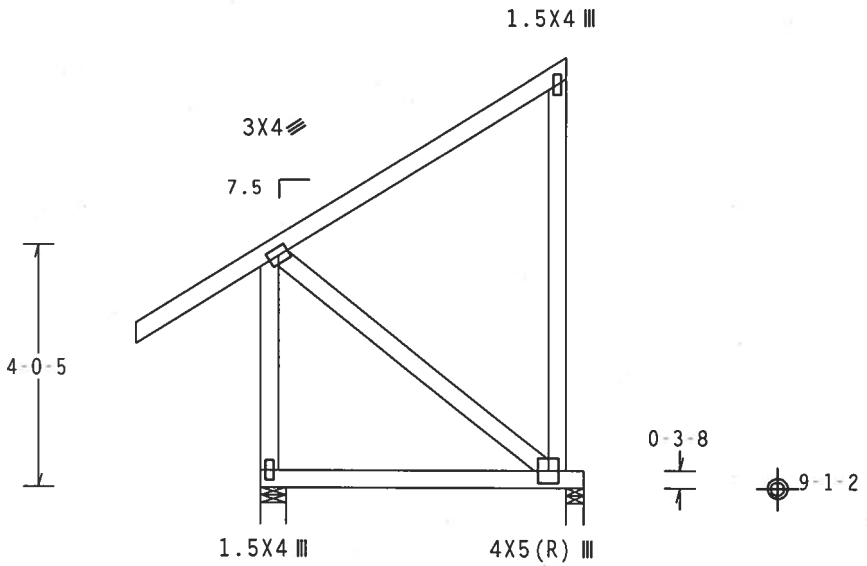
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible]EY:1 FL/-/4/-/-/R/-

Scale =.3125"/Ft.

ALPINE

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

May 02 '06

TC LL	30.0 PSF	REF R487-- 62193
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122047
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95879
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

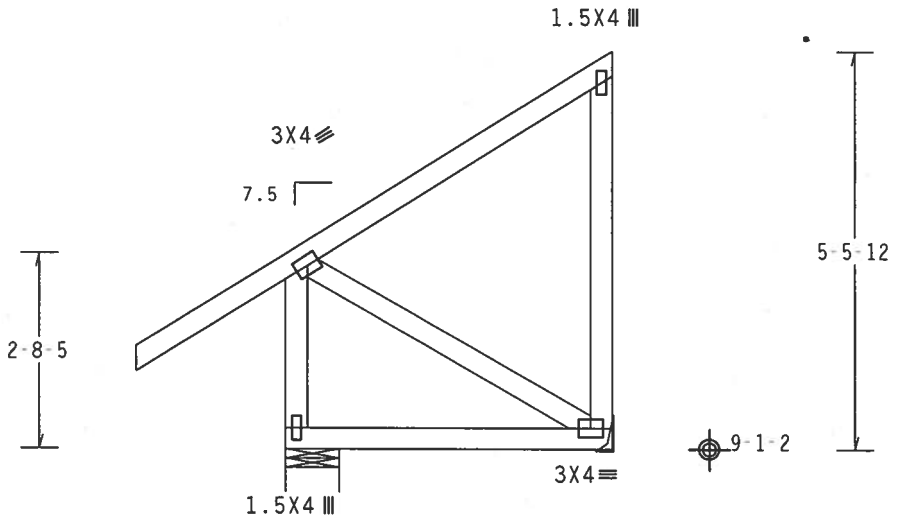
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Right end vertical 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.



R=210 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So[illegible]

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

May 02 '06

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TC LL	30.0 PSF	REF	R487-- 62194
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122048
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	95874
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

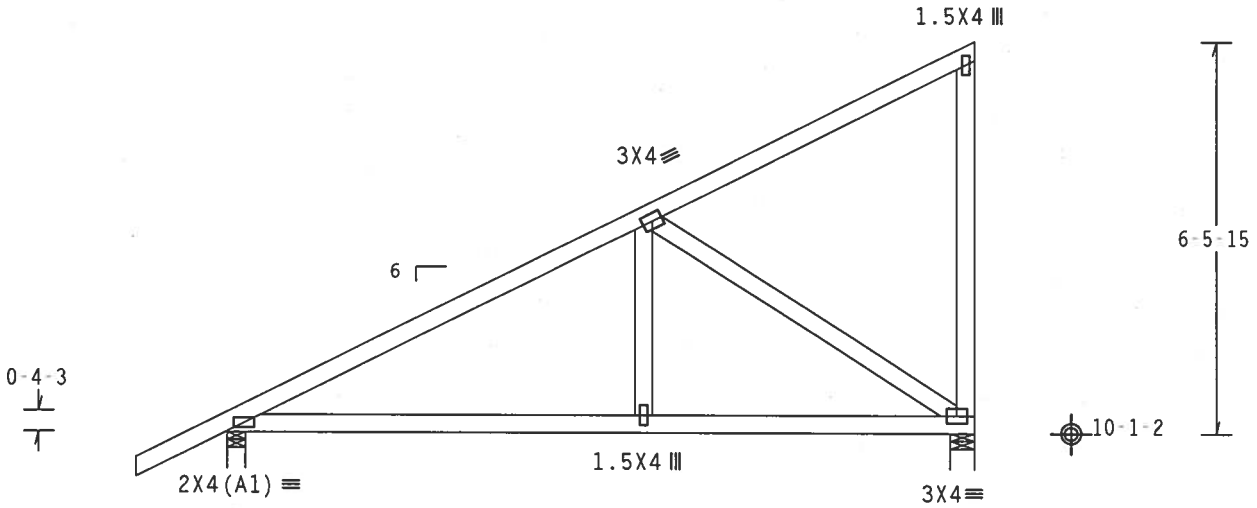
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



1-6-0

12-3-8 Over 2 Supports

R=864 U=180 W=3.5"

R=679 U=180 W=4.958"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.3125"/Ft.

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

May 02 '06

TC LL	30.0 PSF	REF R487-- 62195
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122068
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100608
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - C2)

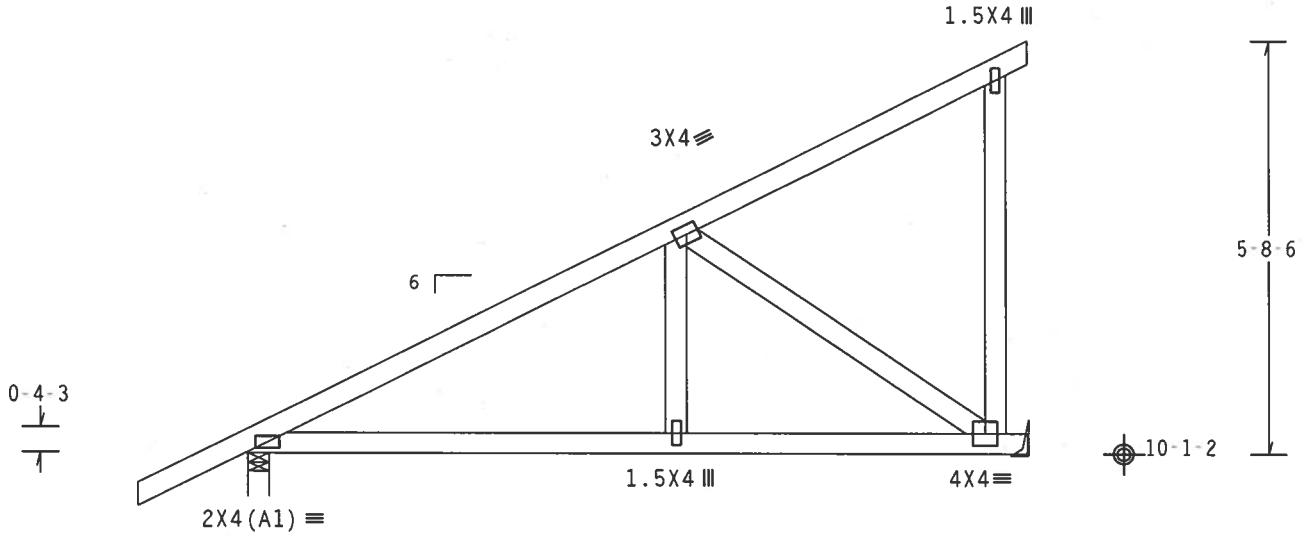
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-6-0

10-8-7 Over 2 Supports

R=765 U=180 W=3.5"

R=597 U=180 H=Simpson LUS24
w/ (2) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) [illegible] Common, 0.148"x3.0" nails in Girder
[illegible] min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
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[illegible]ficate of [illegible]ion # 567

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ARTHUR R. FISHER
LICENSE
No. 39687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62196
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122069
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100630
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

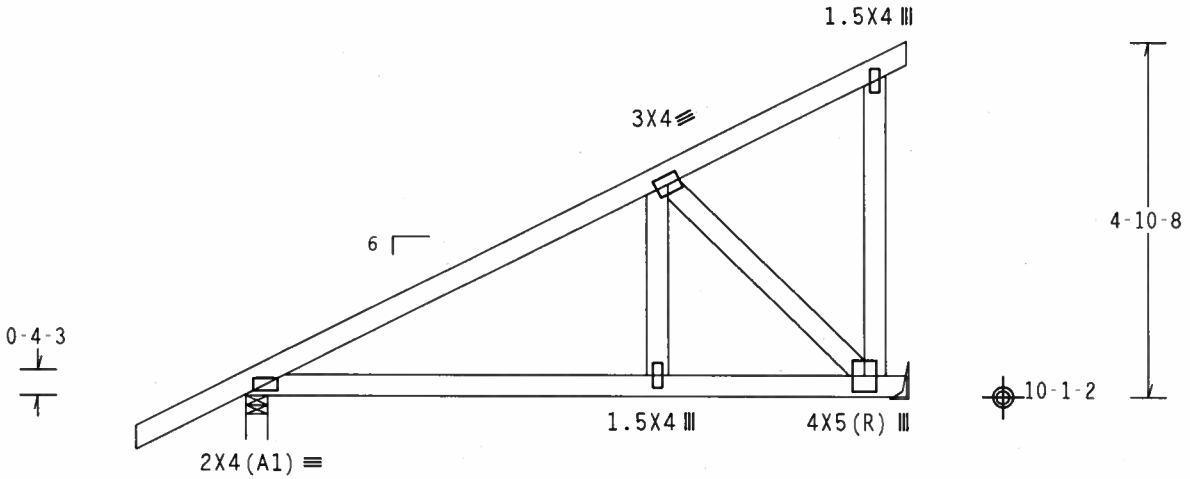
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

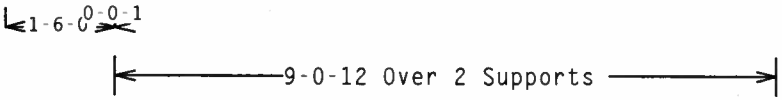
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





R=674 U=180 W=3.5"

R=502 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1) [illegible] Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

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 LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62197
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122061
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100648
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

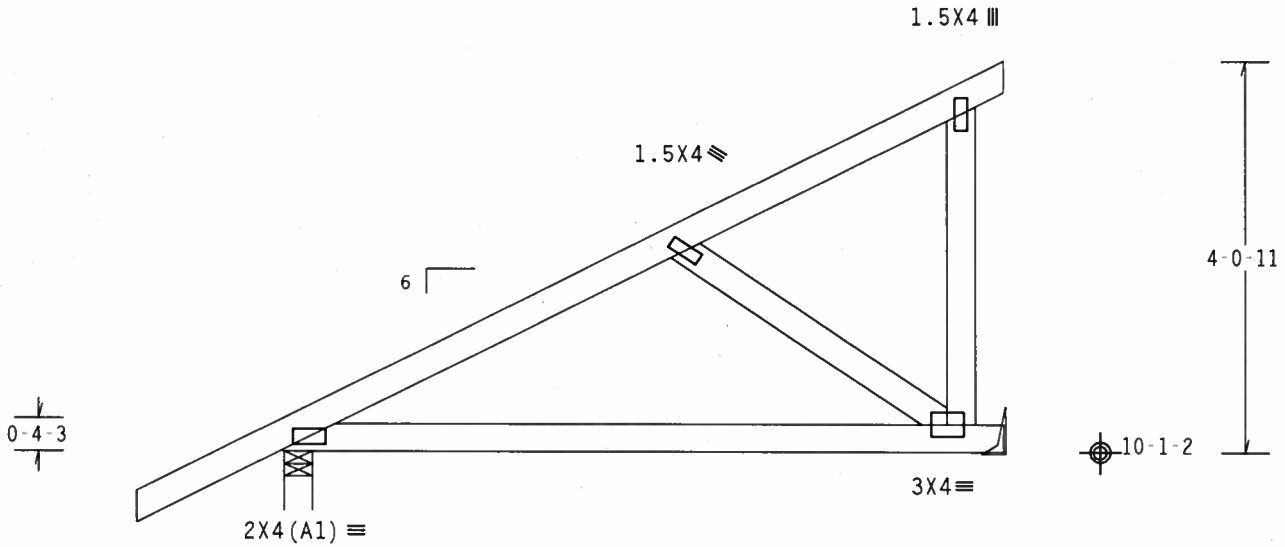
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-6-0 0-0-2

7-5-0 Over 2 Supports

R=577 U=180 W=3.5"

R=413 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder [illegible] min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible] QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]ficate of A[illegible]ion # 567

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ARTHUR R. FISHER LICENSE No. 59667 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 02 '06

TC LL	30.0 PSF	REF	R487-- 62198
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122062
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	100660
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

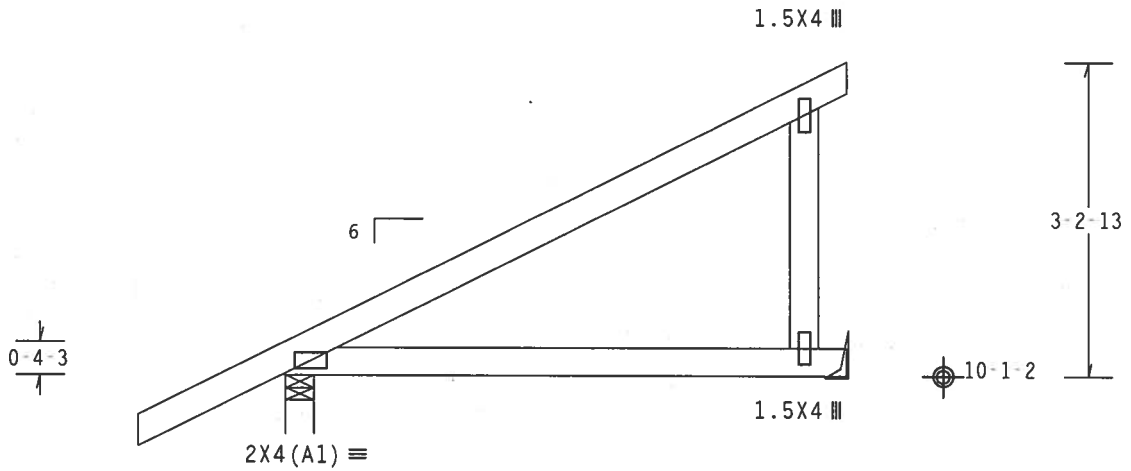
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



1-6-0 0-0-3

5-9-5 Over 2 Supports

R=495 U=180 W=3.5"

R=308 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 SYP

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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ARTHUR D. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 02 '06

TC LL	30.0 PSF	REF R487-- 62199
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122063
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100668
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

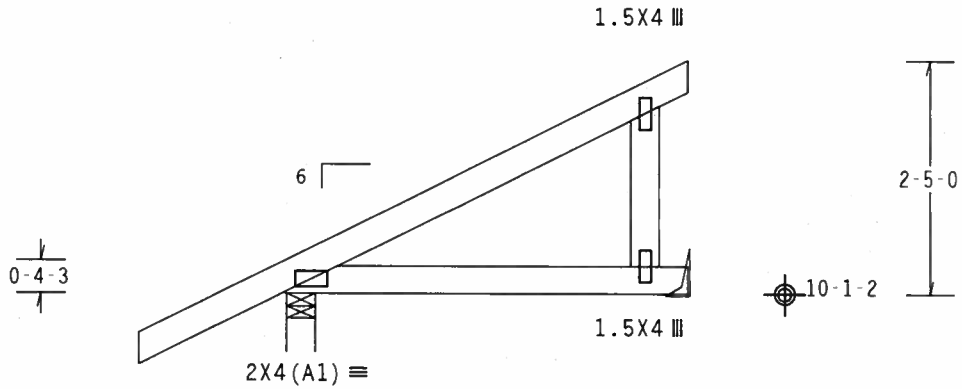
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=410 U=180 W=3.5"

R=206 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/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
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62200
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122064
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	100677
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

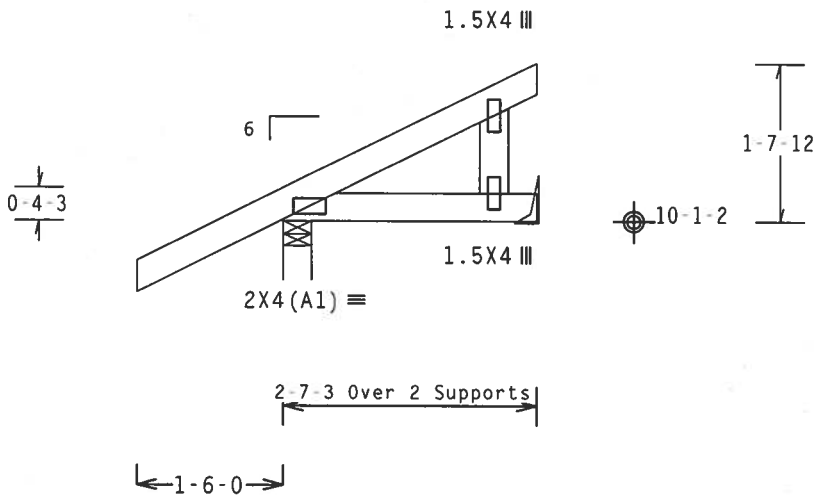
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=357 U=180 W=3.5"

R=85 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 KEY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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

May 02 '06

TC LL	30.0 PSF	REF R487-- 62201
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122066
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100684
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6 122 Isaac Construction Cady , ** D1)

Top chord 2x6 SP #1 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

110 mph wind, 22.89 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

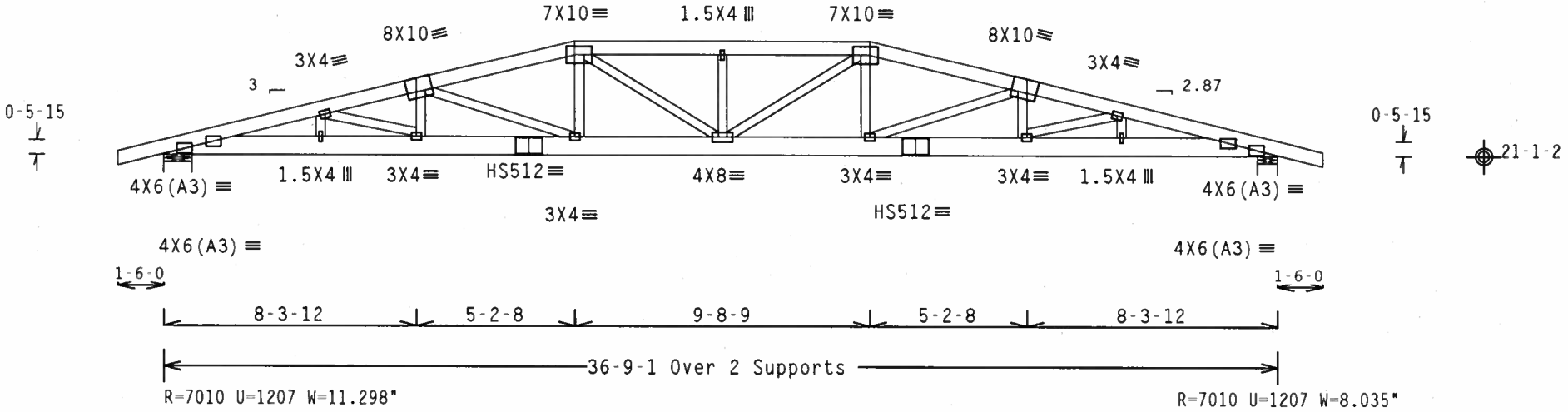
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

THE ARCHITECT OR ENGINEER OF RECORD SHALL EVALUATE AND APPROVE LOAD MAGNITUDES AND LOCATIONS FROM AREAS FIELD FRAMED BY OTHERS.
TRUSS ENGINEER IS NOT RESPONSIBLE FOR LOAD MAGNITUDES AND LOCATIONS FROM CONVENTIONAL FRAMING.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25",_min.)_nails)
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

Girder supports 16-8-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

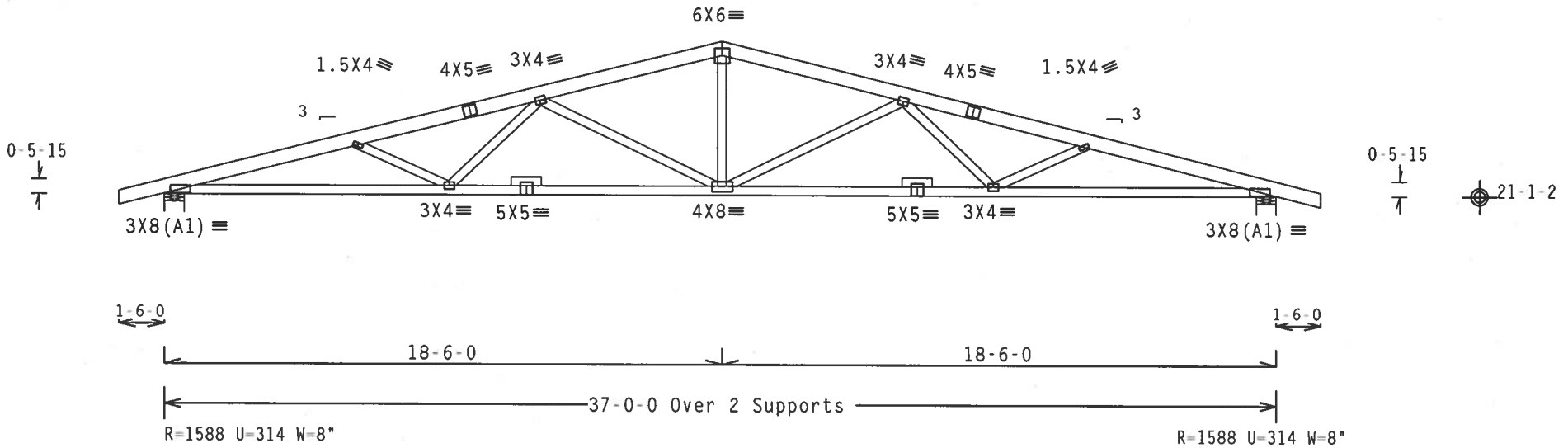
TC LL	20.0 PSF	REF R487-- 62202
TC DL	10.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122011
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 100783
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

Top chord 2x6 SP #1 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Splice Block 2x4 SP #3::Rt Splice Block 2x4 SP #3:

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 23.71 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/-

Scale =.1875"/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.

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

May 02 '06

TC LL	20.0 PSF	REF R487-- 62203
TC DL	10.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122009
BC LL	0.0 PSF	HC-ENG JB/AF *
TOT.LD.	40.0 PSF	SEQN- 100790
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

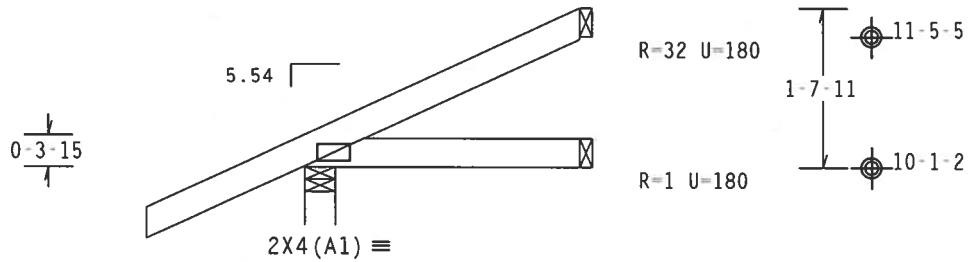
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Hipjack supports 2-0-1 setback jacks with no webs.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cg/RT=1.00(1.25)/10(0) 7.24.12 [illegible]Y:1 FL/-/4/-/-/R/- Scale =.5"/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 LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62204
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122060
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100598
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

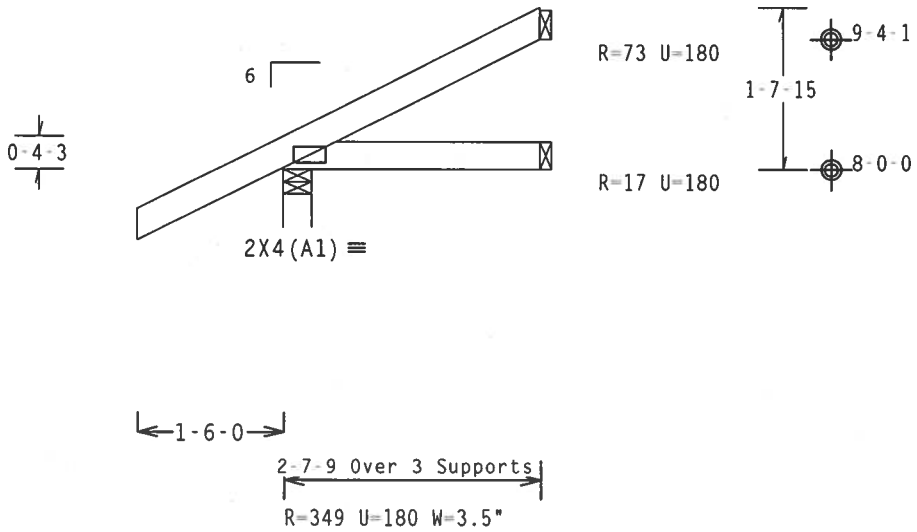
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:11 FL/-/4/-/-/R/- Scale =.5"/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
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02, 06

TC LL	30.0 PSF	REF R487-- 62205
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122018
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100523
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

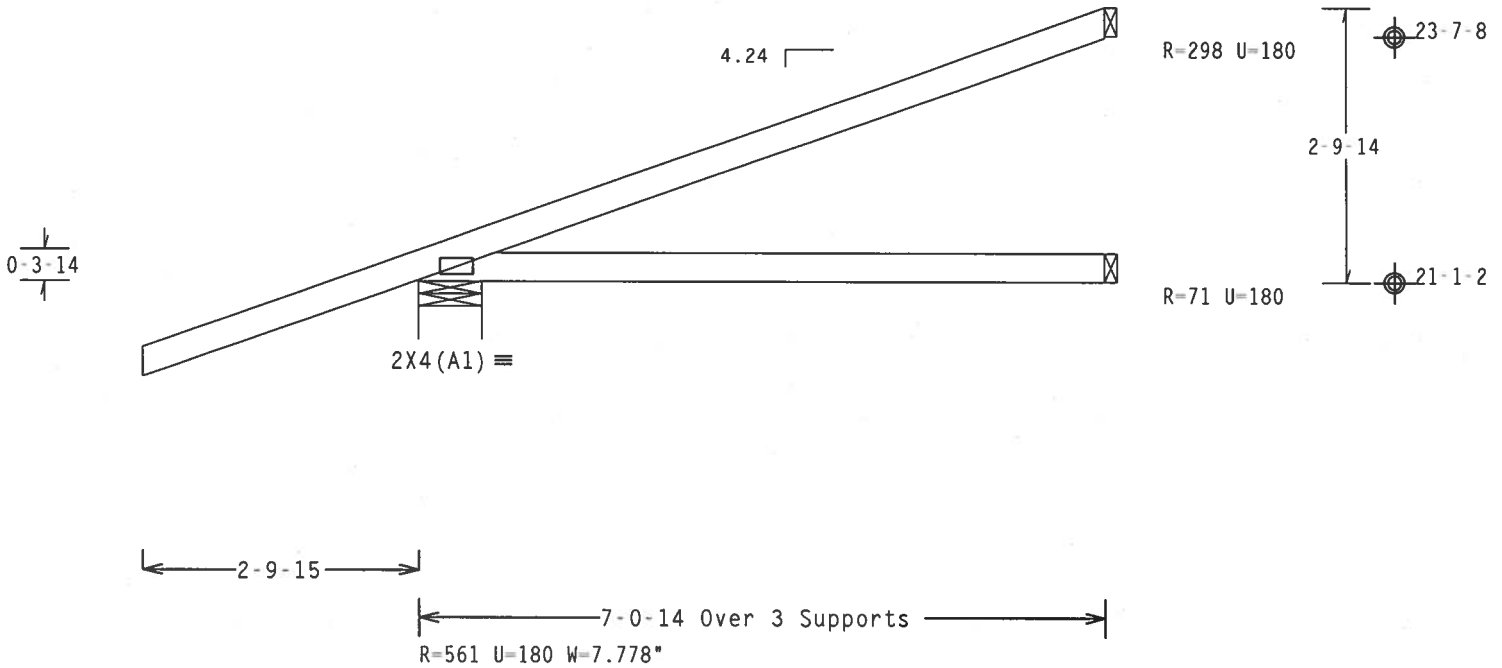
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 22.17 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62206
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122046
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95622
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

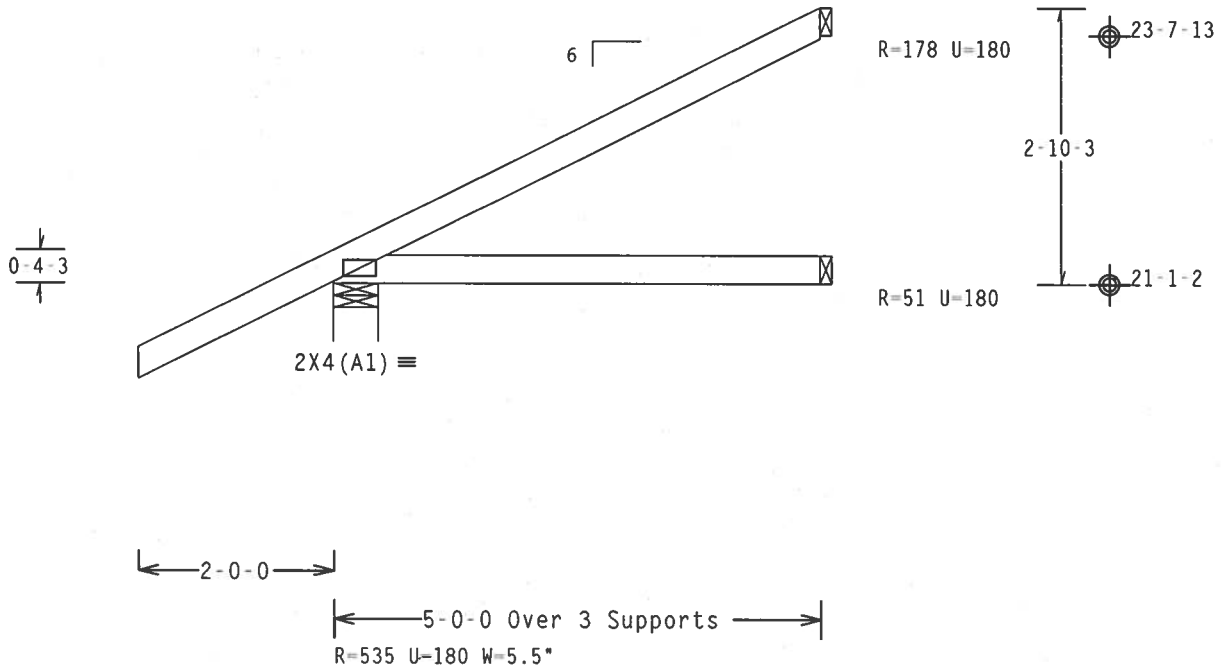
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 22.19 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR A. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 2 '06

TC LL	30.0 PSF	REF R487-- 62207
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122008
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95605
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487_Z02

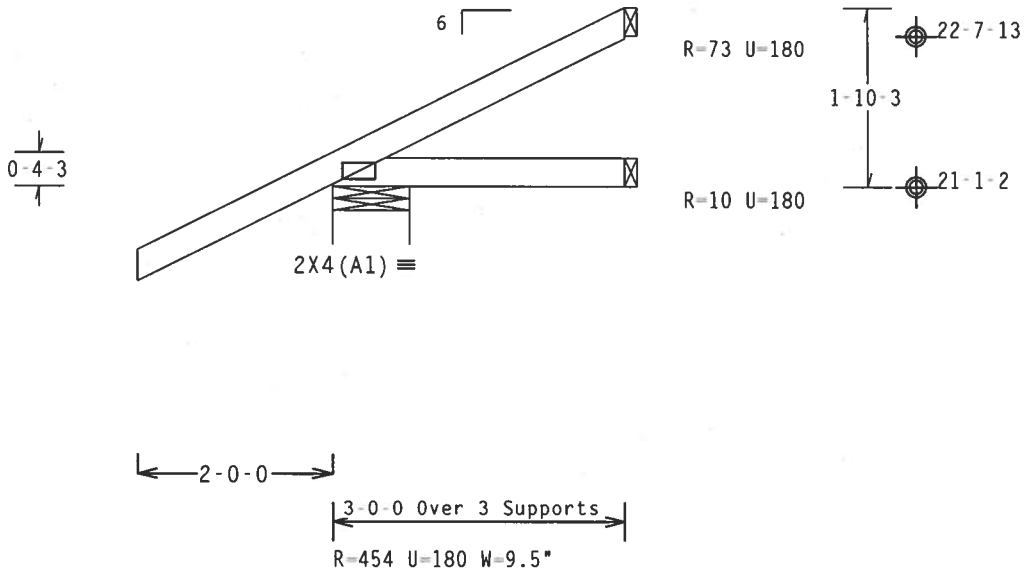
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 21.69 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]ficate of [illegible]on # 567

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

May 02 '06

TC LL	30.0 PSF	REF R487-- 62208
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122056
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95611
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

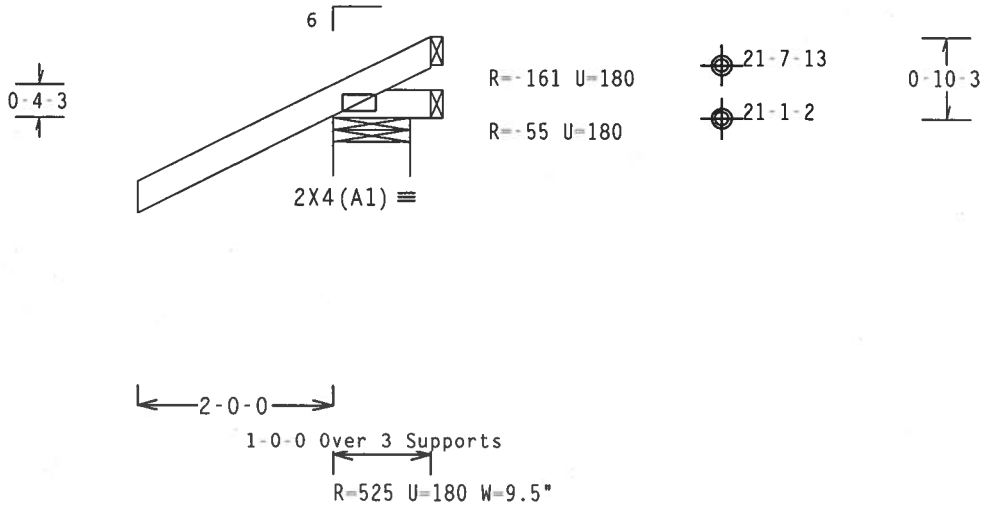
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 21.19 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62209
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122065
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95617
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - HJX)

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

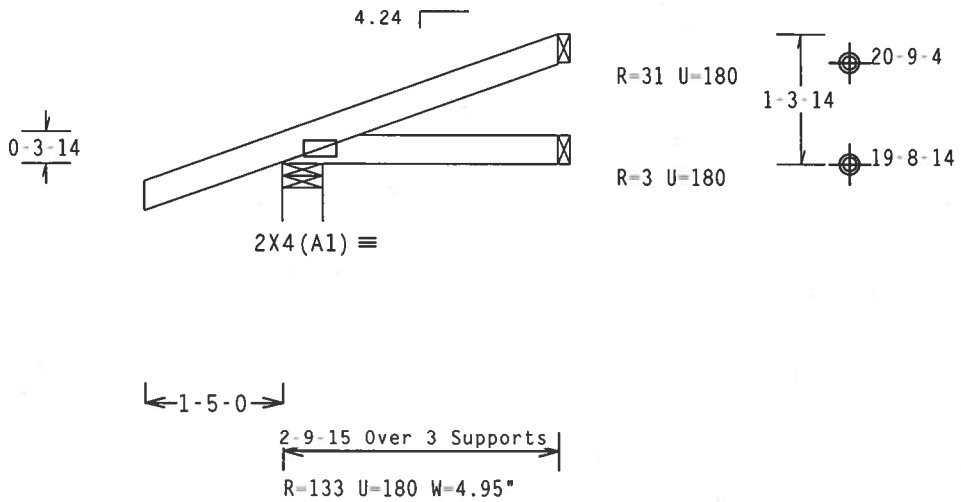
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 20.31 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Hipjack supports 2-0-0 setback jacks with no webs.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62210
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122052
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 6078
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SWV487 Z02

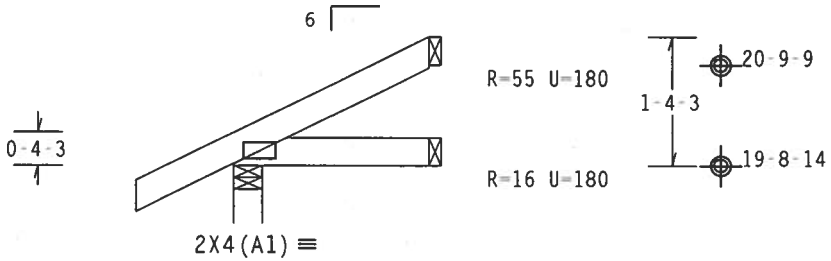
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

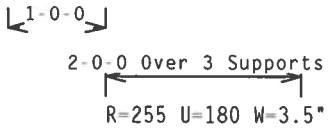
In lieu of structural panels use purlins to brace TC @ 24" OC.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 20.34 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

May 02 '06

TC LL	30.0 PSF	REF	R487-- 62211
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122054
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	6072
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

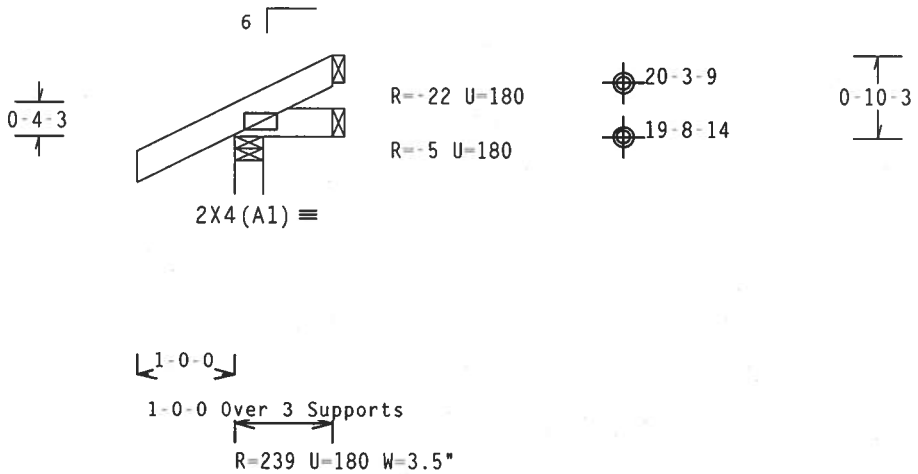
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 20.09 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible]TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May [illegible] '06

TC LL	30.0 PSF	REF	R487-- 62212
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122053
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	6066
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

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

Hipjack supports 4-6-5 setback jacks with no webs.

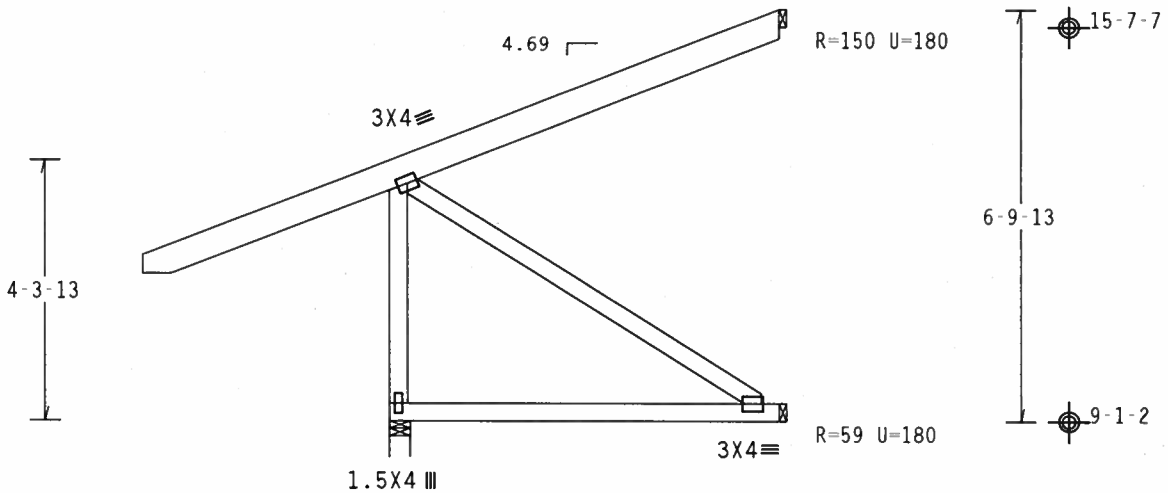
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62213
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122030
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95836
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - EJA)

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

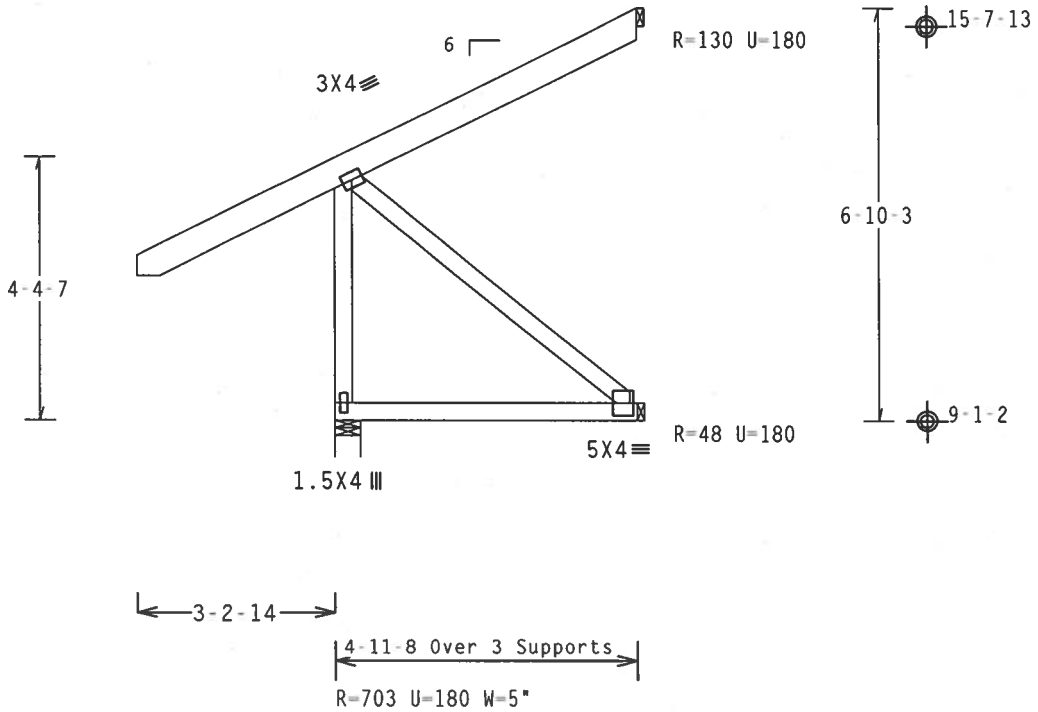
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62214
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122032
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95805
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

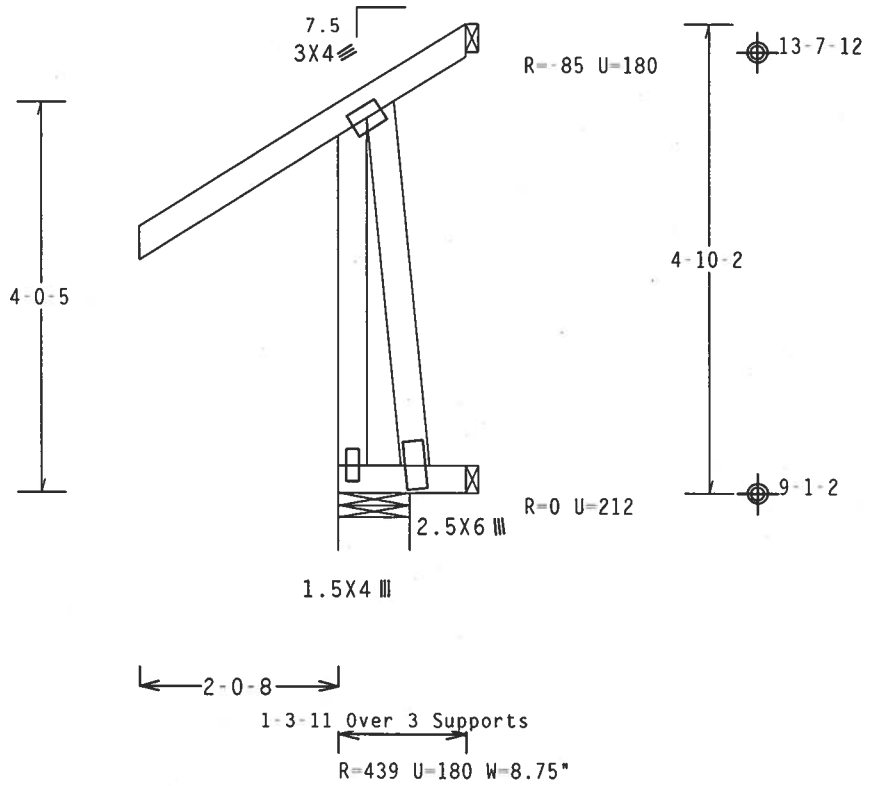
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

May [illegible] '06

TC LL	30.0 PSF	REF R487-- 62215
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122035
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95813
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - J2A)

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

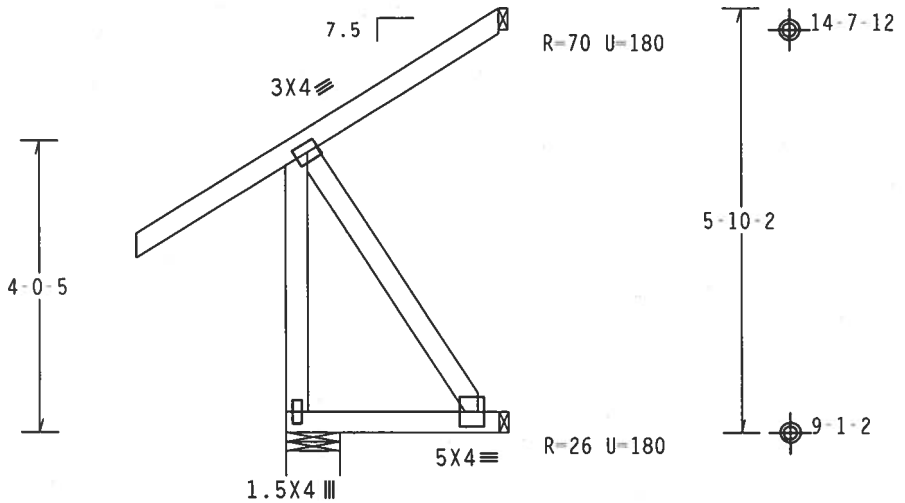
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible]TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]ification # 567

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May 02 '06

TC LL	30.0 PSF	REF R487-- 62216
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122028
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95819
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - J3A)

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

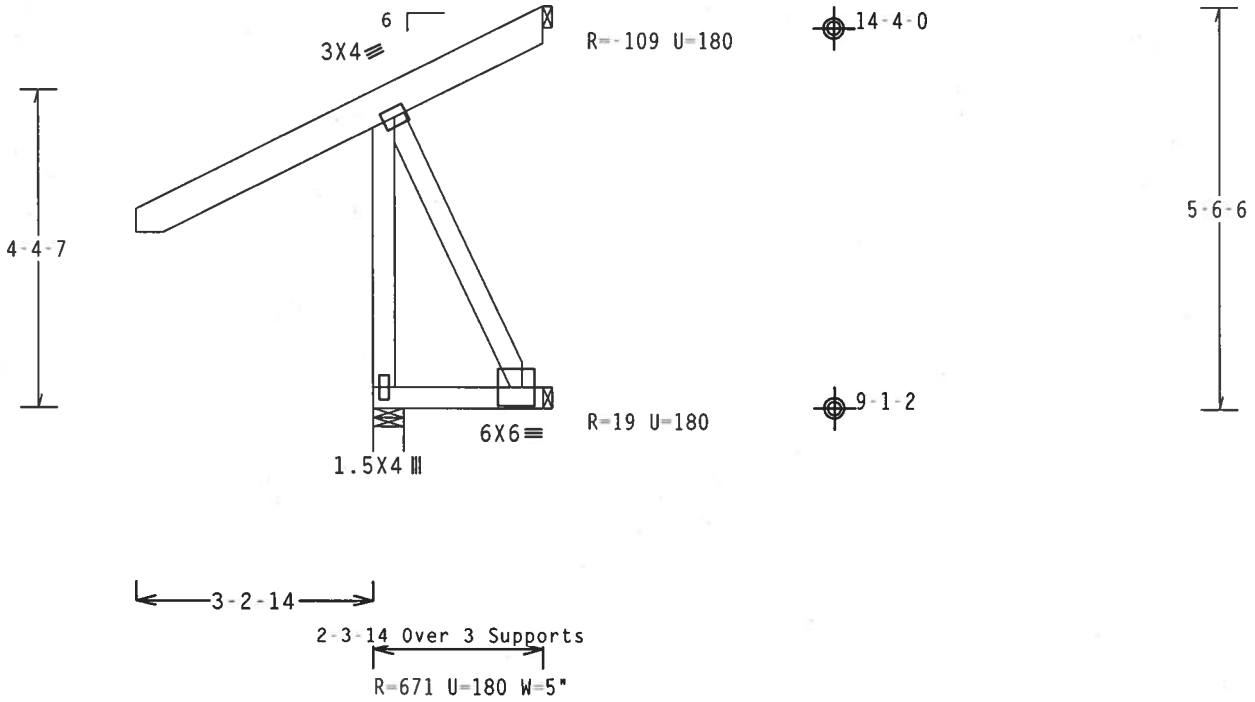
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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 (I) 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.

TC LL	30.0 PSF	REF R487-- 62217
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122033
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95831
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SWV487 Z02

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

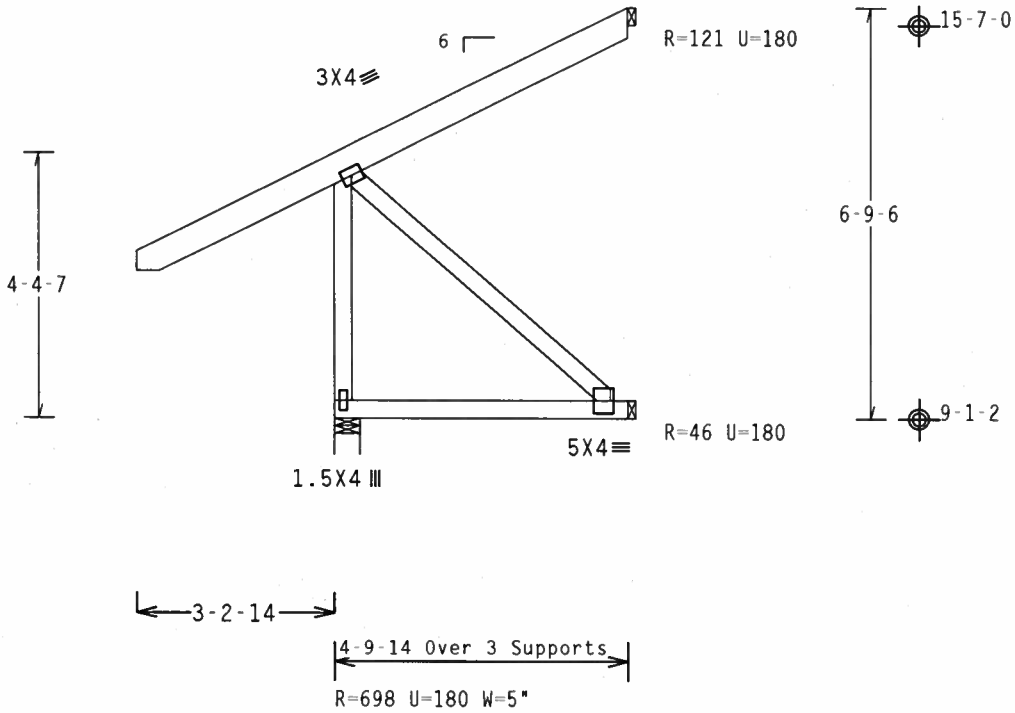
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/-
Scale =.3125"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02,'06

TC LL	30.0 PSF	REF R487-- 62218
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122034
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95824
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

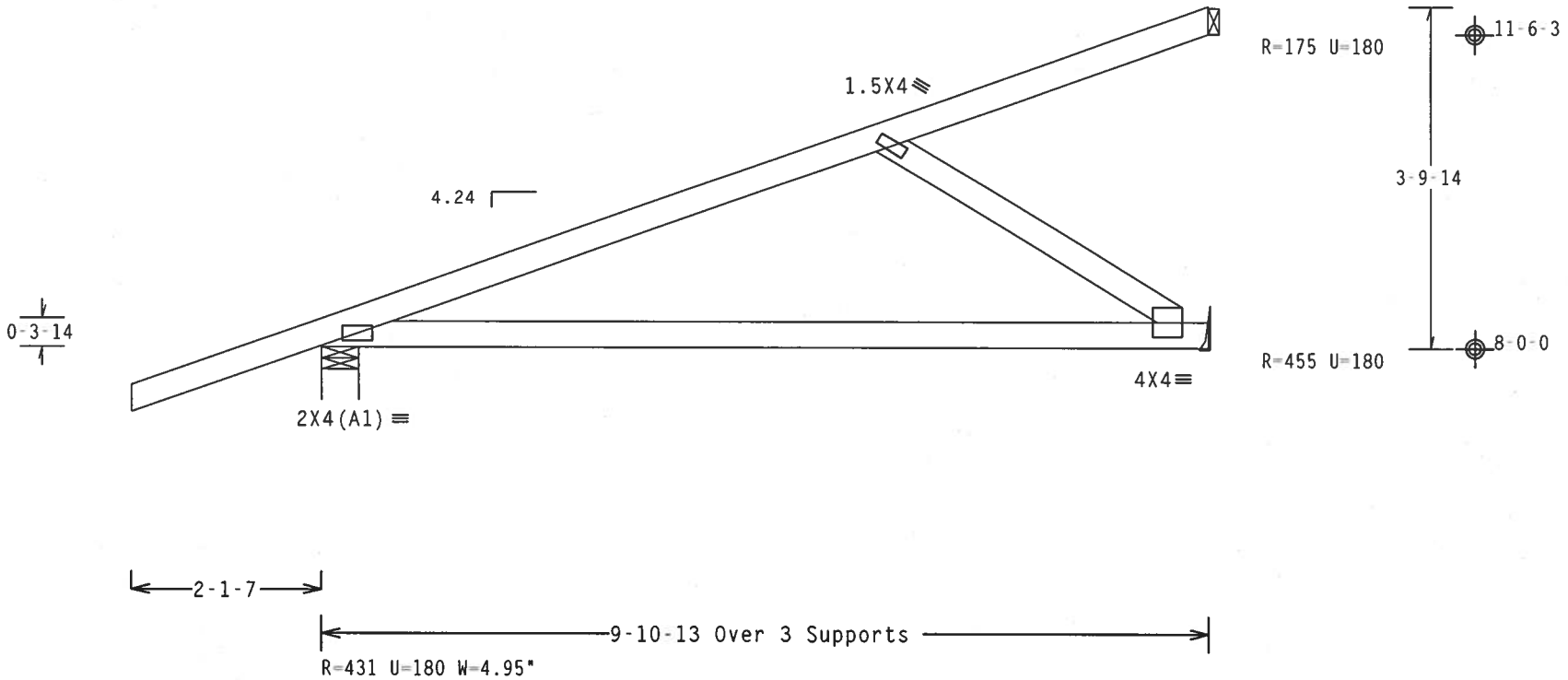
In lieu of structural panels use purlins to brace TC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24. TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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ARTHUR B. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	20.0 PSF	REF R487-- 62219
TC DL	10.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122039
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 95659
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

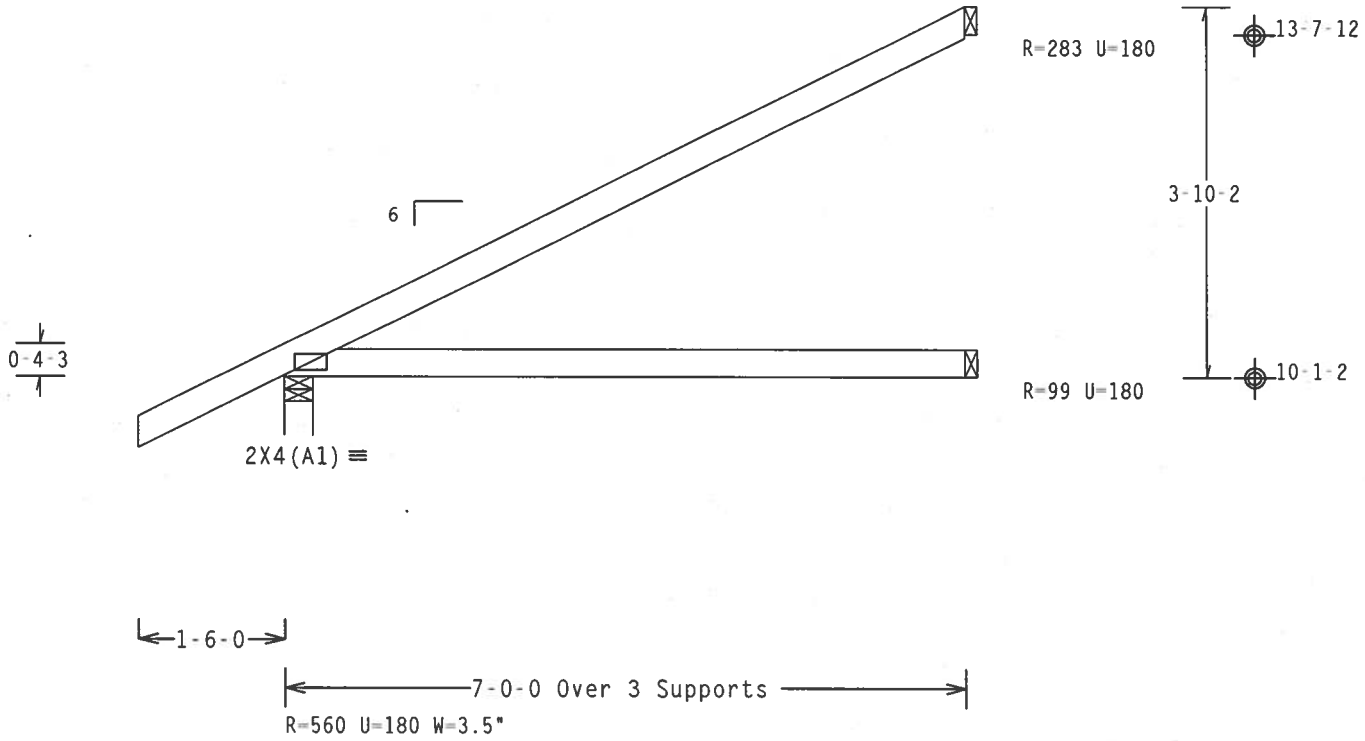
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/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 LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62220
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122042
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95637
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

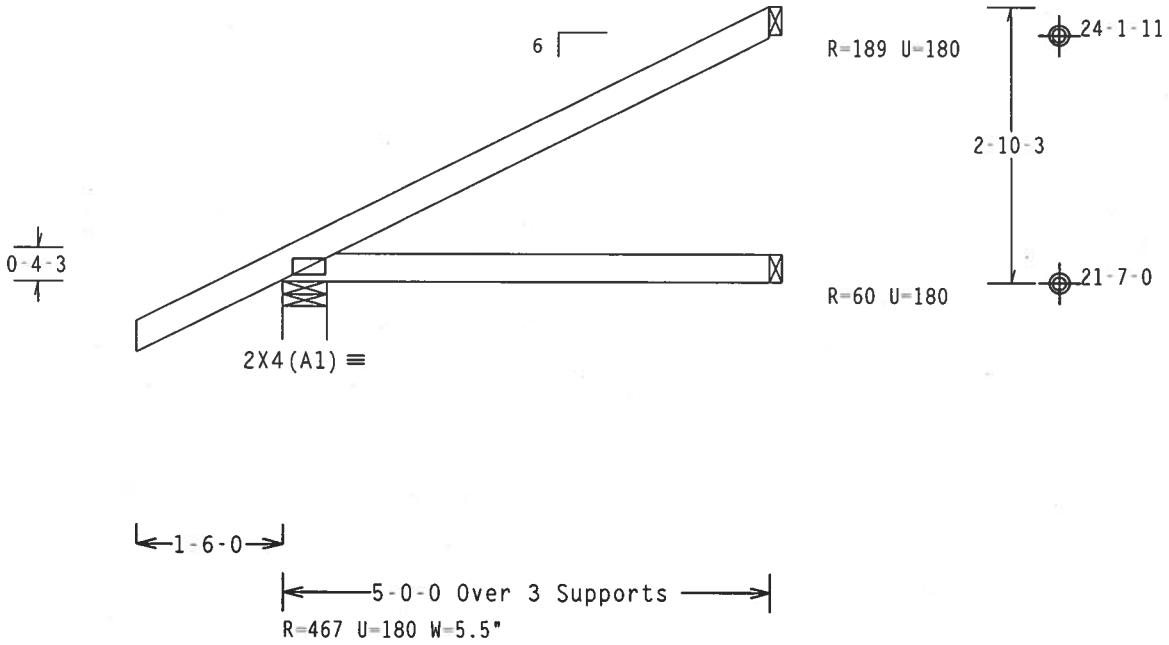
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 22.81 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62221
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122044
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	6046
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

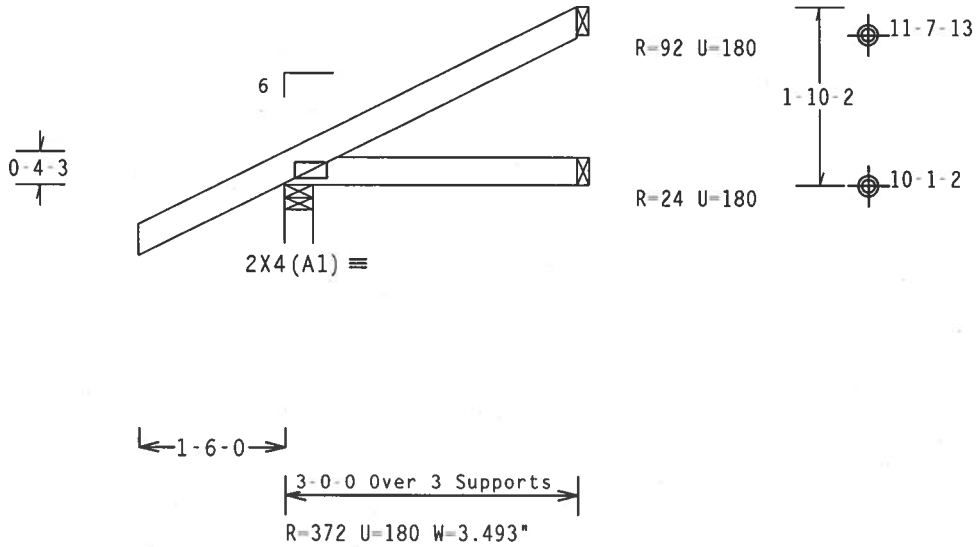
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

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TC LL	30.0 PSF	REF	R487-- 62222
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122024
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	95649
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

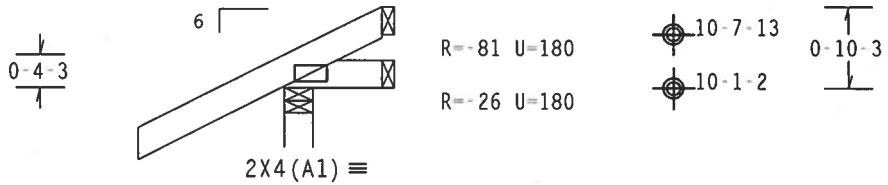
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

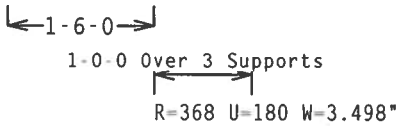
In lieu of structural panels use purlins to brace TC @ 24" OC.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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ARTHUR R. FISHER LICENSE No.39687 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 02,'06

TC LL	30.0 PSF	REF	R487-- 62223
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122025
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	95654
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - K1)

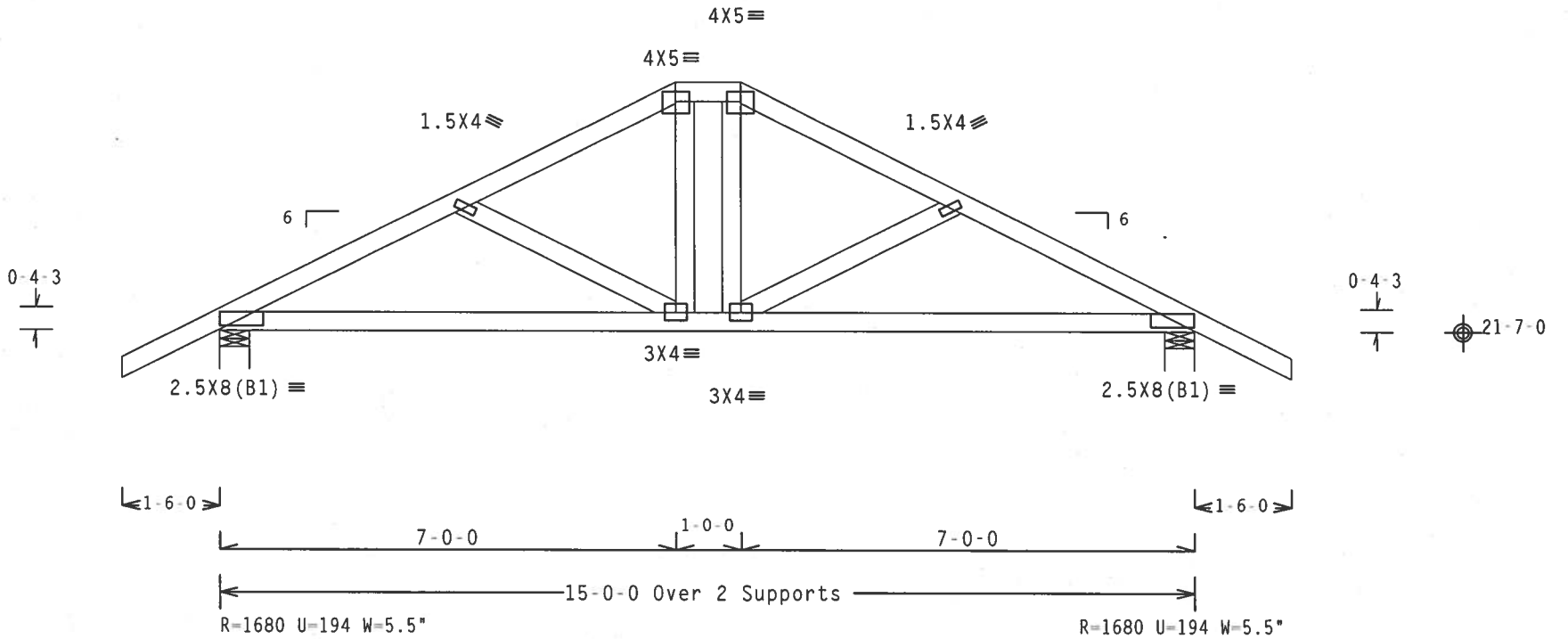
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 23.31 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/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
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

May 02 '06

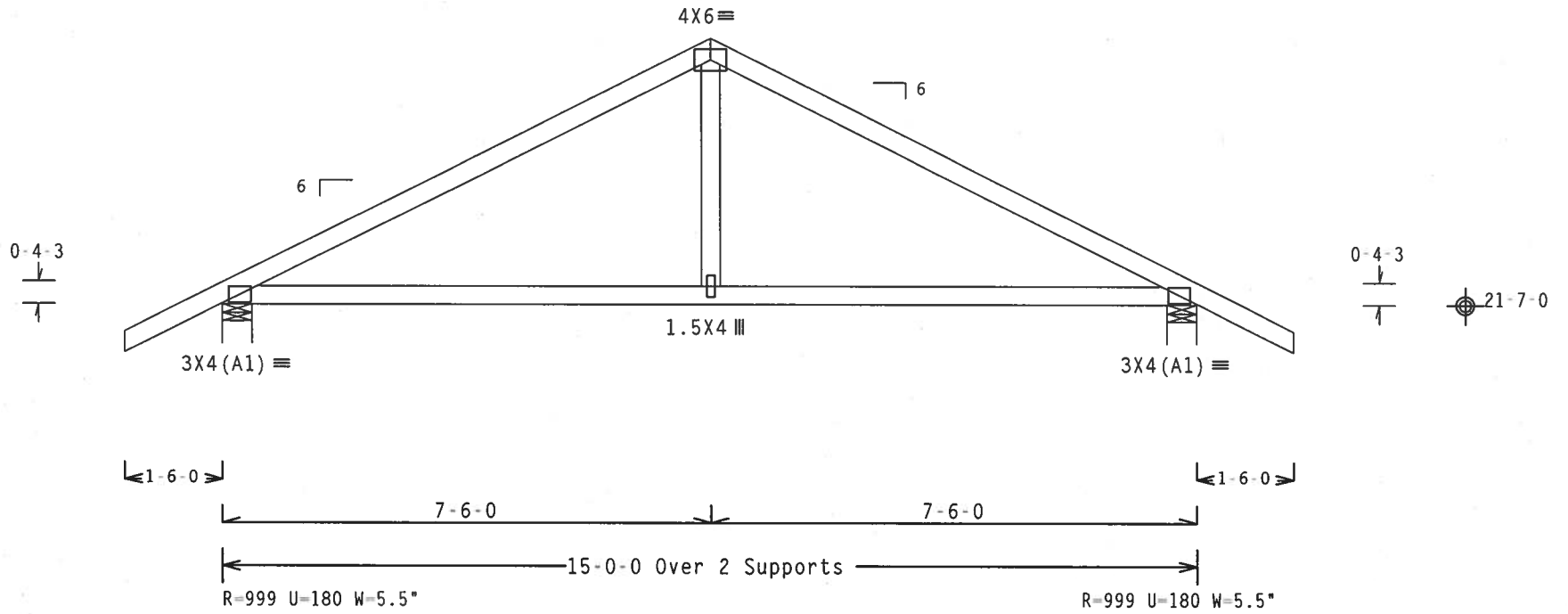
TC LL	30.0 PSF	REF	R487-- 62224
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122043
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	6051
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 Z02

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

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

110 mph wind, 23.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE
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Certificate of Authorization # 567

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ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62225
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122031
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 6056
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6-122--Isaac Construction Cady -- , ** - R1G)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W3 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 0.00 to 94 PLF at 23.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.50
BC - From 4 PLF at 21.50 to 4 PLF at 23.00
BC - 1817 LB Conc. Load at 0.44, 2.44, 4.44, 6.44, 8.44
10.44
BC - 1824 LB Conc. Load at 12.44
BC - 3984 LB Conc. Load at 14.38

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

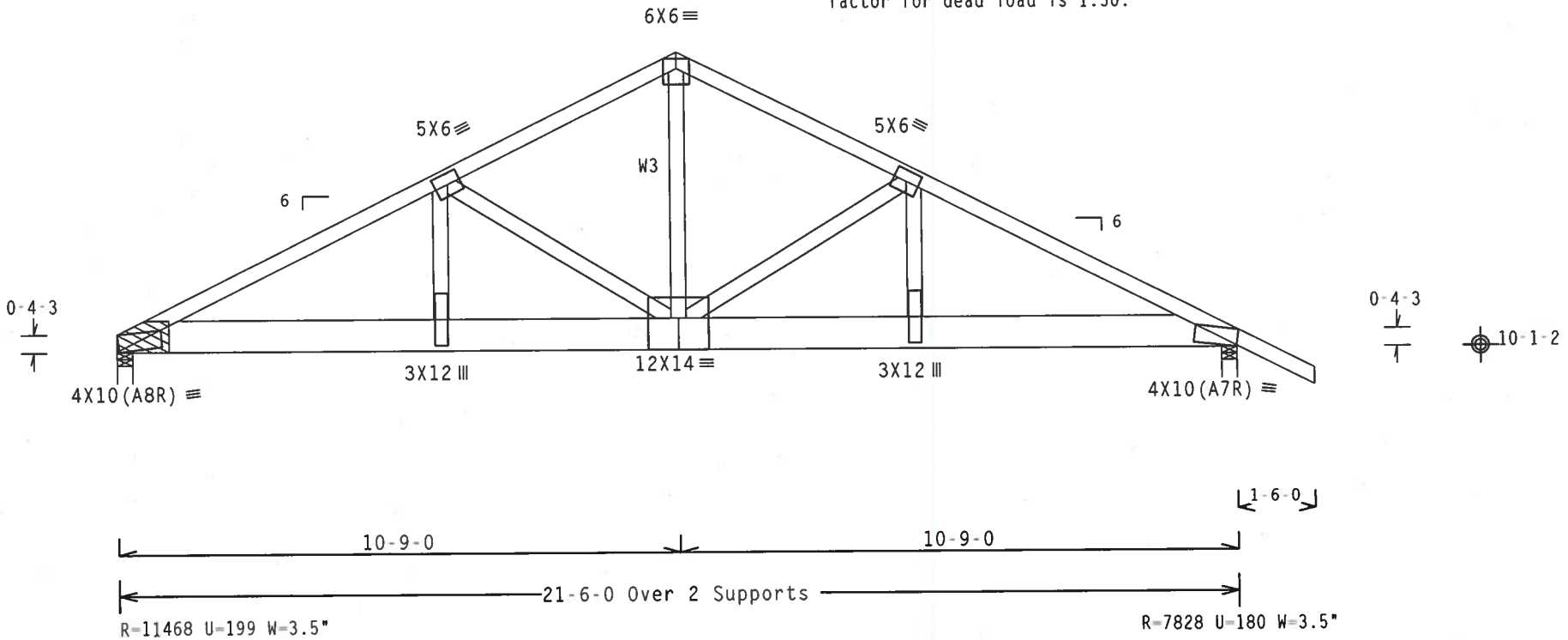
Bearing blocks: Nail type: 12d_Box_or_Gun_(0.128"x3.25",_min.)_nails

BRG	X-LOC	#BLOCKS	LENGTH/BLK	#NAILS/BLK	WALL PLATE
1	0.000'	1	12"	9	Match Truss

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK1103 for additional information.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] TY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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ARTHUR R. FISHER LICENSE No. 59887 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62226
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122010
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	95773
DUR.FAC.	1.25		

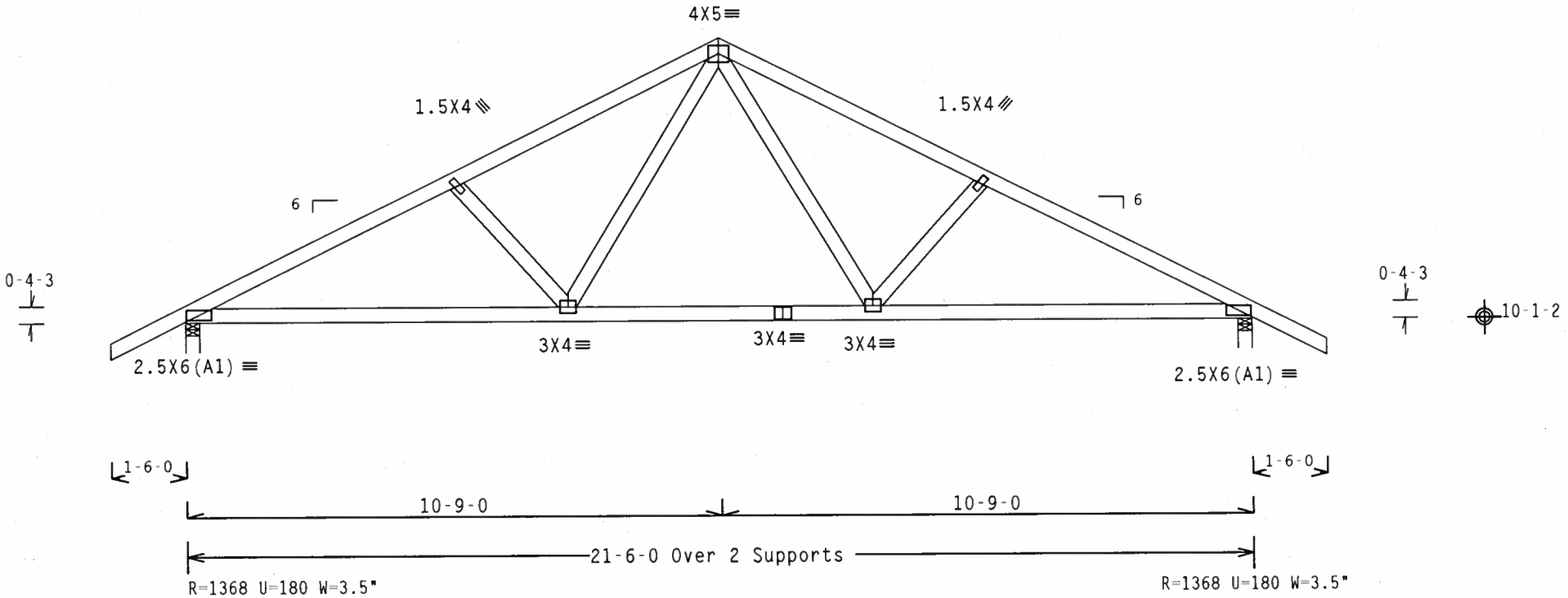
(6 122 Isaac Construction Cady , ** R2)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible]CY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.3125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

NOV 02 '06

TC LL	30.0 PSF	REF R487-- 62227
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122070
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95756
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - R4)

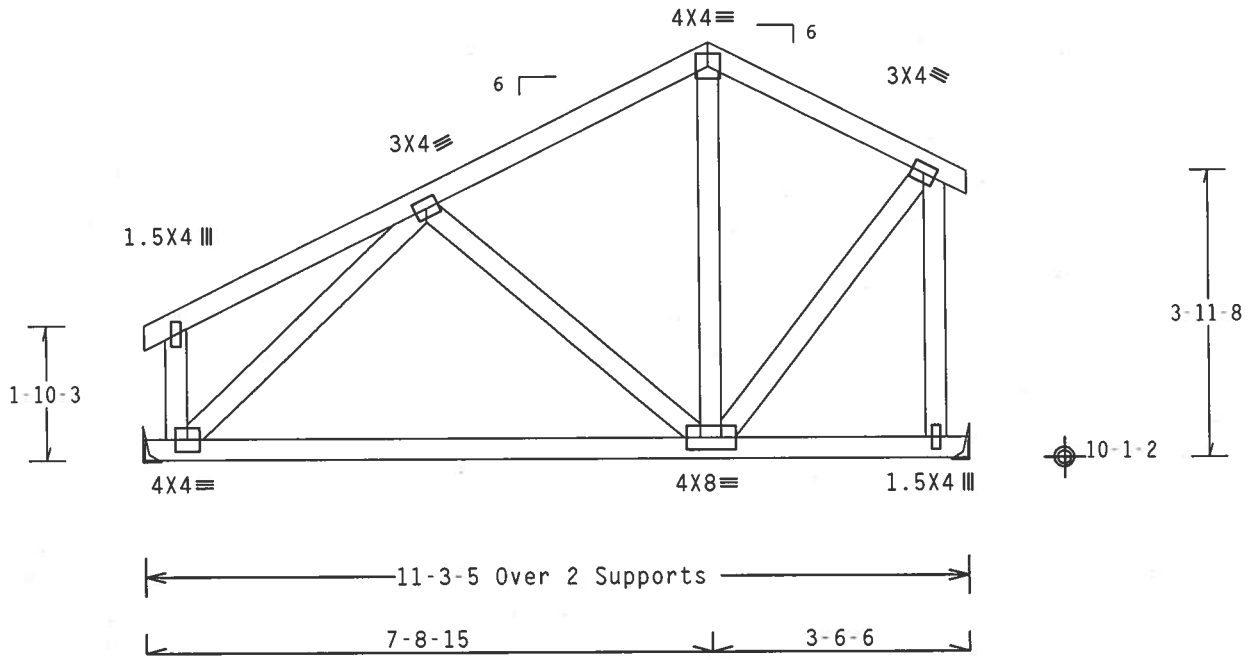
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=640 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

R=640 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62228
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122022
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100540
DUR.FAC.	1.25	

(6 122 Isaac Construction Cady , ** R5)

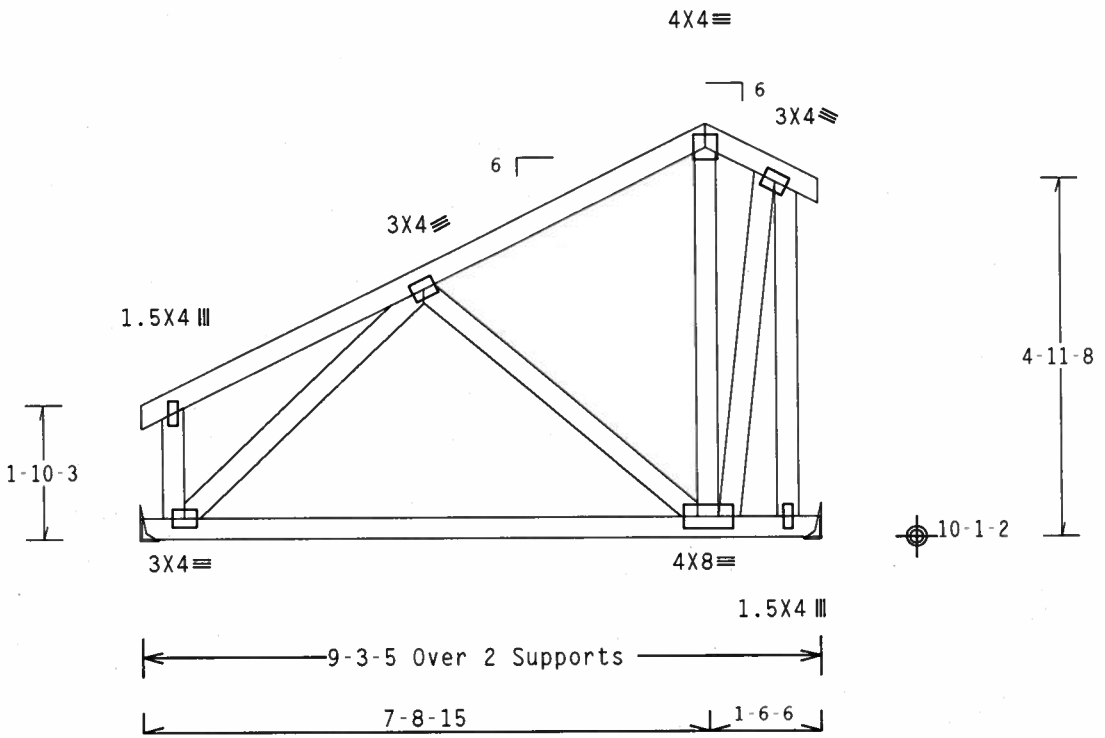
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=527 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=527 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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1950 Marlev Drive

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

May 07 '06

TC LL	30.0 PSF	REF R487-- 62229
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122027
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100548
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - R6)

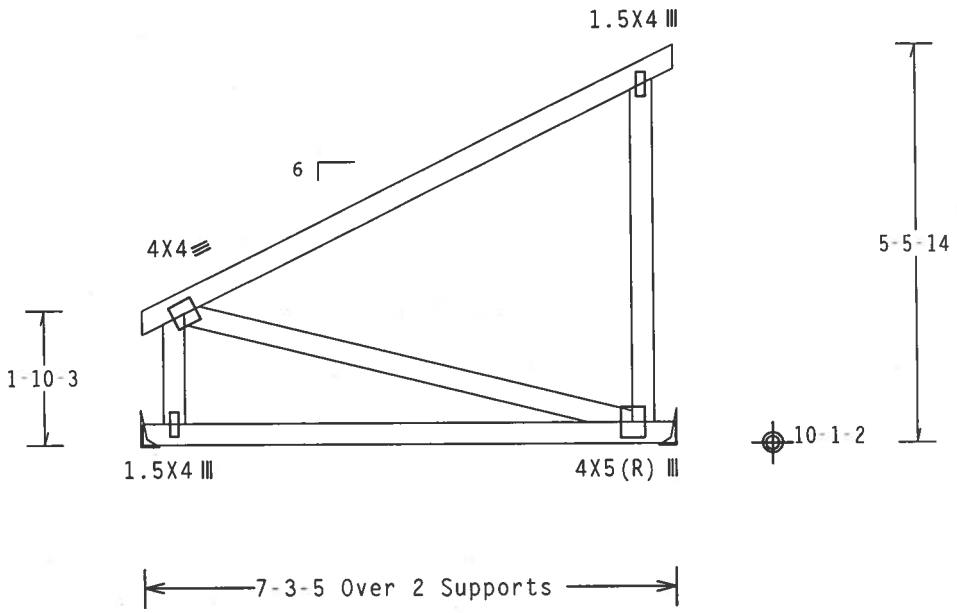
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=413 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=413 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24. QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marlev Drive

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 02 '06

TC LL	30.0 PSF	REF	R487-- 62230
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122040
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	100556
DUR.FAC.	1.25		

(6-122--Isaac Construction Cady -- , ** - R7)

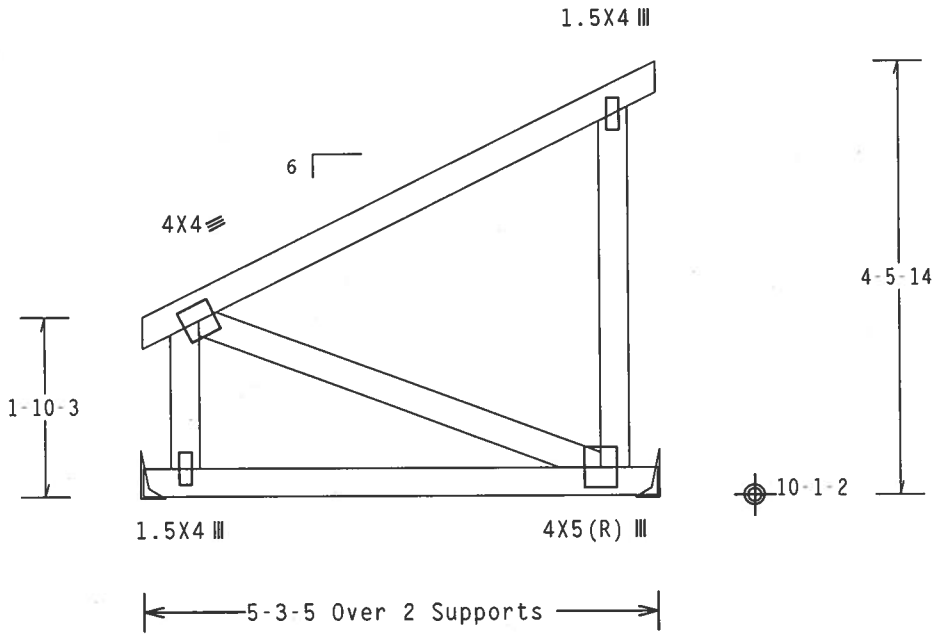
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=300 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=300 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62231
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122059
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	100577
DUR.FAC.	1.25		

(6-122--Isaac Construction Cady -- , ** - R8)

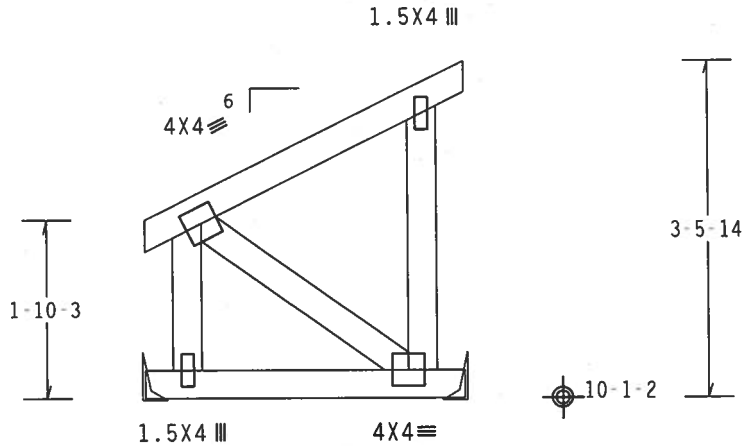
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



3-3-5 Over 2 Supports

R=186 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=186 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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1950 Marley Drive

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02, 2006

TC LL	30.0 PSF	REF R487-- 62232
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122058
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100586
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - R9)

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

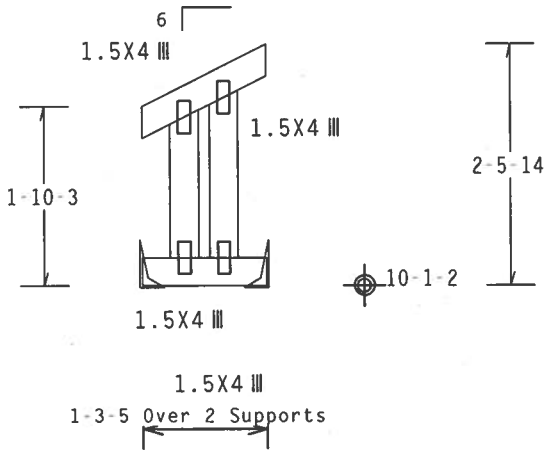
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Fasten rated sheathing to one face of this frame.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=72 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=72 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24. QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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1950 Marlev Drive

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62233
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122029
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100593
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - RR10)

Top chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense:
Bot chord 2x8 SP SS
Webs 2x4 SP #3

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

TC - From	92 PLF	at	-1.75	to	92 PLF	at 3.72
TC - From	89 PLF	at	3.72	to	89 PLF	at 5.50
TC - From	589 PLF	at	5.50	to	589 PLF	at 8.83
TC - From	89 PLF	at	8.83	to	89 PLF	at 26.17
BC - From	4 PLF	at	-1.75	to	4 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 3.72
BC - From	48 PLF	at	3.72	to	48 PLF	at 26.17
BC -	102 LB Conc. Load at 3.72					
BC -	2396 LB Conc. Load at 5.86					
BC -	3225 LB Conc. Load at 14.17					
BC -	72 LB Conc. Load at 15.47					
BC -	186 LB Conc. Load at 17.47					
BC -	300 LB Conc. Load at 19.47					
BC -	413 LB Conc. Load at 21.47					
BC -	527 LB Conc. Load at 23.47					
BC -	640 LB Conc. Load at 25.47					

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

3 COMPLETE TRUSSES REQUIRED

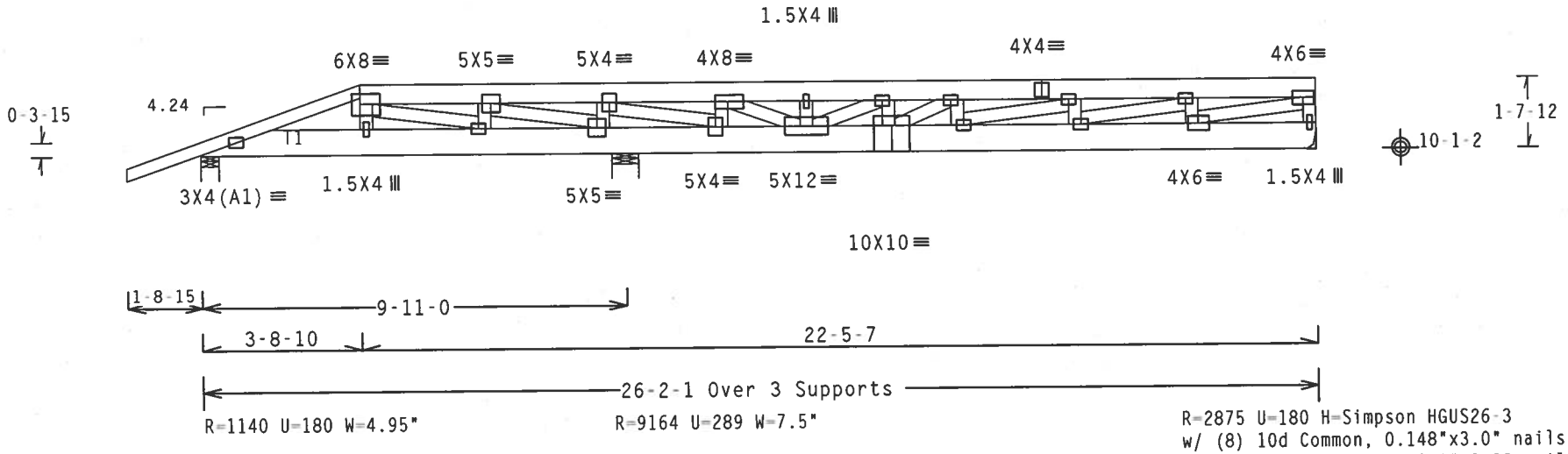
Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @ 3.75" o.c.
Bot Chord: 1 Row @ 4.50" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=2875 U=180 H=Simpson HGUS26-3
w/ (8) 10d Common, 0.148"x3.0" nails in Truss
w/ (20) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X8 min. So.Pine

Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible]Y:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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

May 02 '06

TC LL	30.0 PSF	REF	R487-- 62234
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122030
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	100857
DUR.FAC.	1.25		

(6-122--Isaac Construction Cady -- , ** - RR11)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W7 2x10 SP SS:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at -1.50 to 94 PLF at 21.50
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.50
BC - 2965 LB Conc. Load at 2.82
BC - 6476 LB Conc. Load at 14.81

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

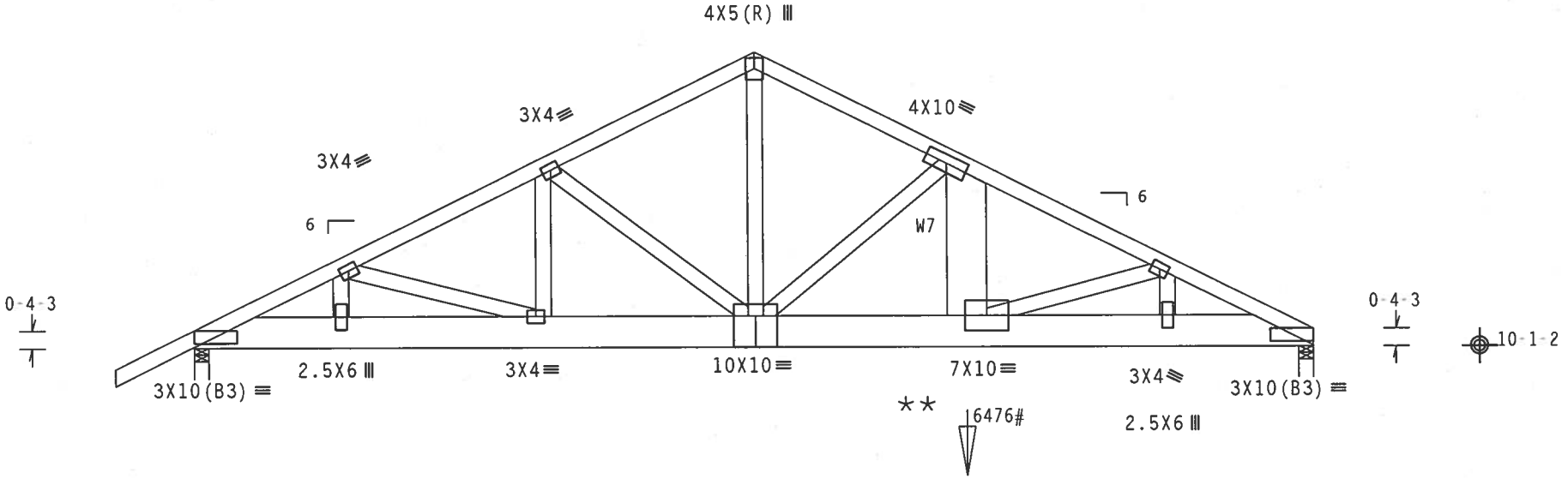
** CLUSTER (8) 16d COMMON (0.162"X3.5") NAILS TO OUTER FACE OPPOSITE OF HANGER ON (3) PLY UNIT.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @ 2.00" o.c.
Bot Chord: 1 Row @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May [illegible] '06

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TC LL	30.0 PSF	REF R487-- 62235
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122071
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 100838
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - T1)

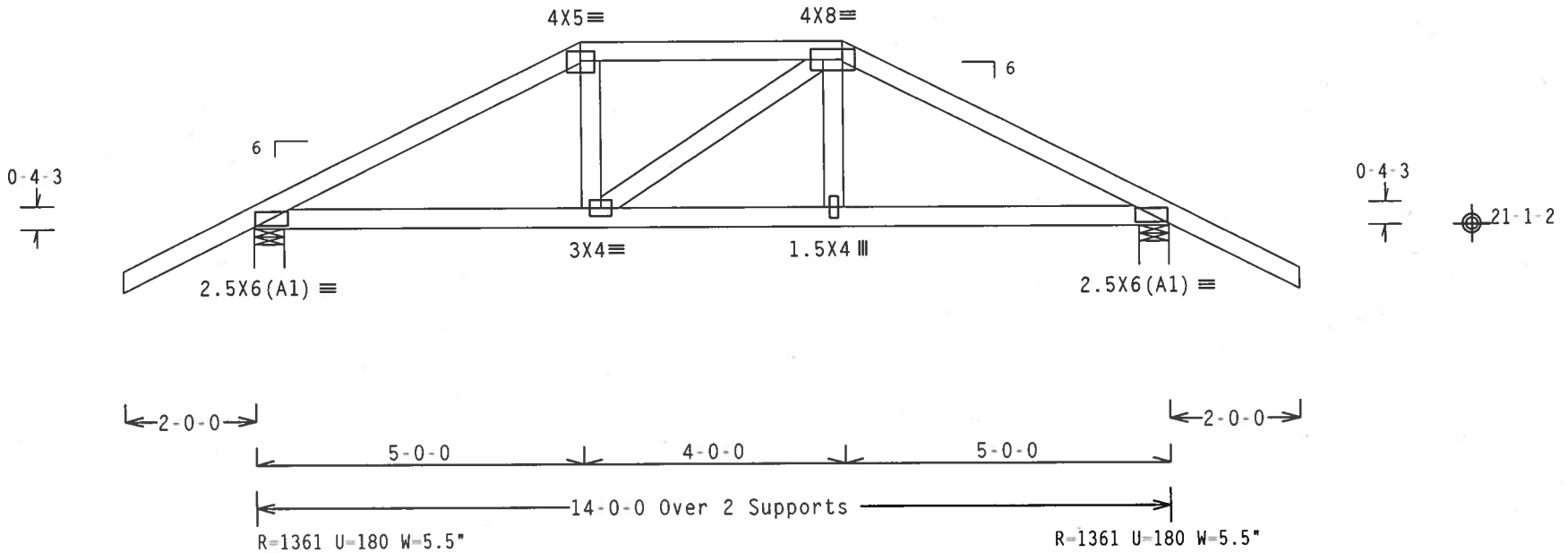
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 22.19 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE
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1950 Marley Drive

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

Ma[illegible] '06

TC LL	30.0 PSF	REF R487-- 62236
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122007
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95627
DUR.FAC.	1.25	

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

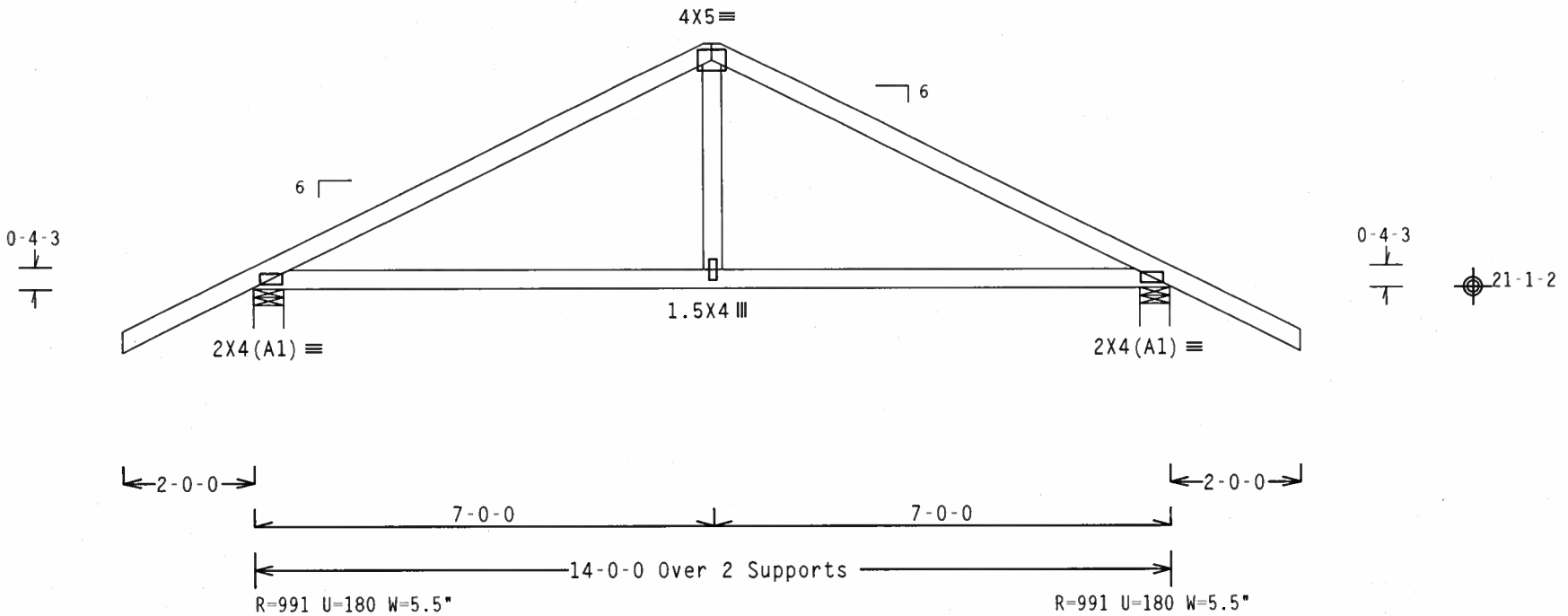
(6 122 Isaac Construction Cady , ** T2)

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

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

110 mph wind, 22.66 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible]TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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1950 Marley Drive

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62237
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122038
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95632
DUR.FAC.	1.25	

(6-122--Isaac Construction Cady -- , ** - X1)

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

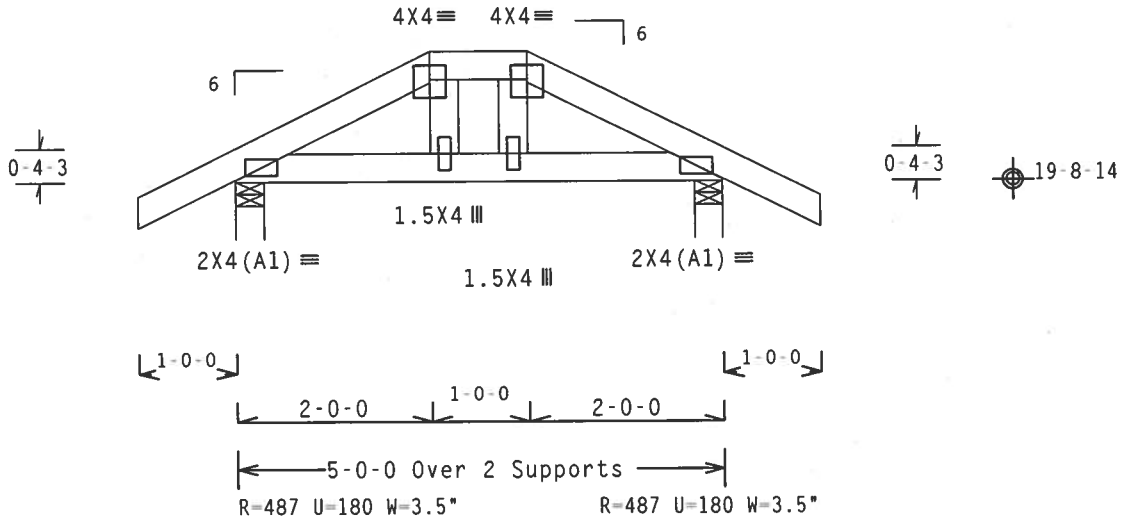
110 mph wind, 20.34 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

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

TC - From	94	PLF at	-1.00	to	94	PLF at	6.00
BC - From	4	PLF at	-1.00	to	4	PLF at	0.00
BC - From	20	PLF at	0.00	to	20	PLF at	5.00
BC - From	4	PLF at	5.00	to	4	PLF at	6.00
TC -	86	LB Conc. Load at	2.06,		2.94		
BC -	19	LB Conc. Load at	2.06,		2.94		

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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.

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ARTHUR R. FISHER LICENSE No. 59607 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 04 '06

TC LL	30.0 PSF	REF	R487-- 62238
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122045
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	6083
DUR.FAC.	1.25		

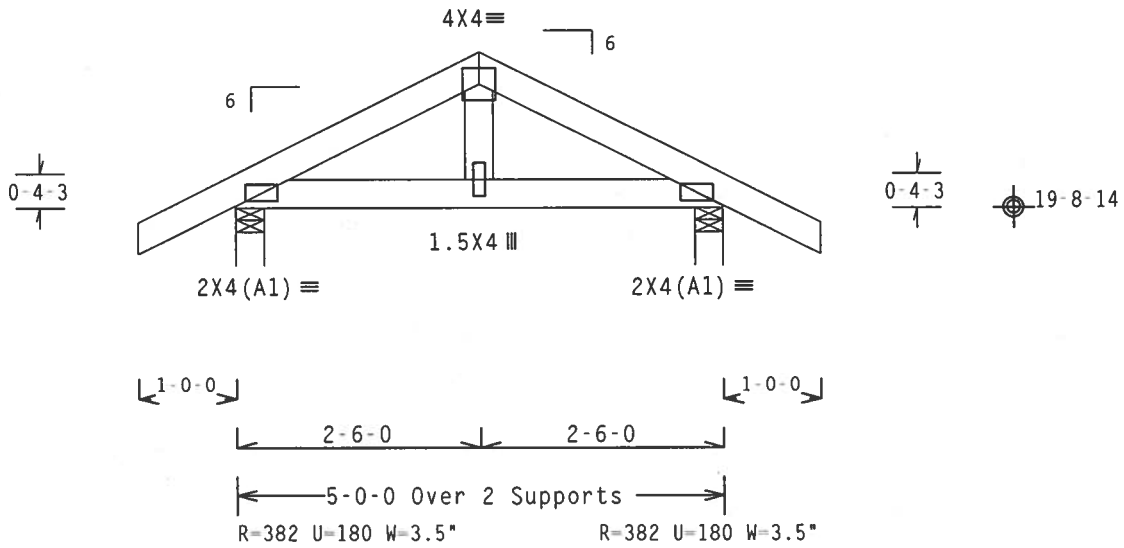
(6-122--Isaac Construction Cady -- , ** - X2)

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

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

110 mph wind, 20.46 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF	R487-- 62239
TC DL	15.0 PSF	DATE	05/02/06
BC DL	10.0 PSF	DRW	HCUSR487 06122049
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	6061
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SWV487 702

(6-122--Isaac Construction Cady -- , ** - XX4)

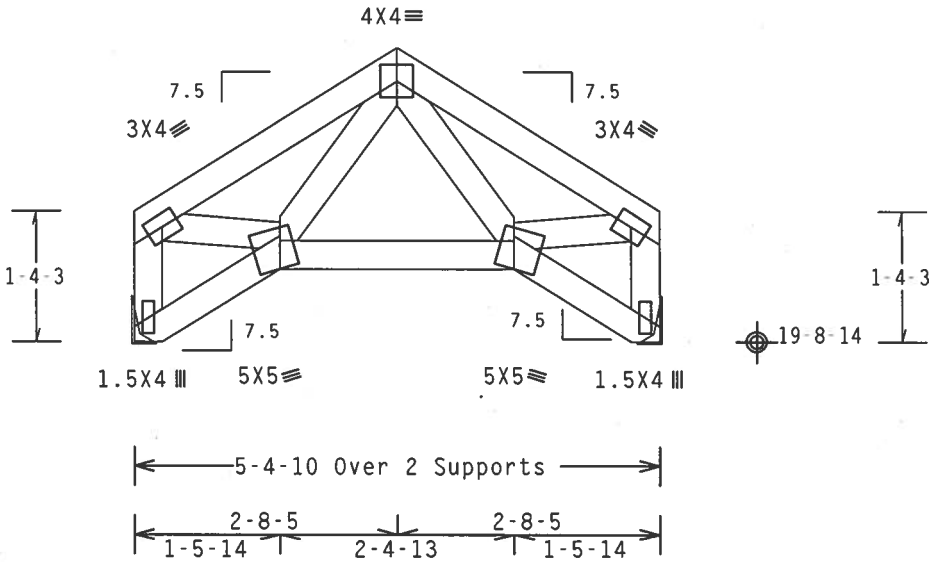
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 21.93 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=316 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=316 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

May [illegible] '06

TC LL	30.0 PSF	REF R487-- 62241
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122055
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 6091
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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.

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

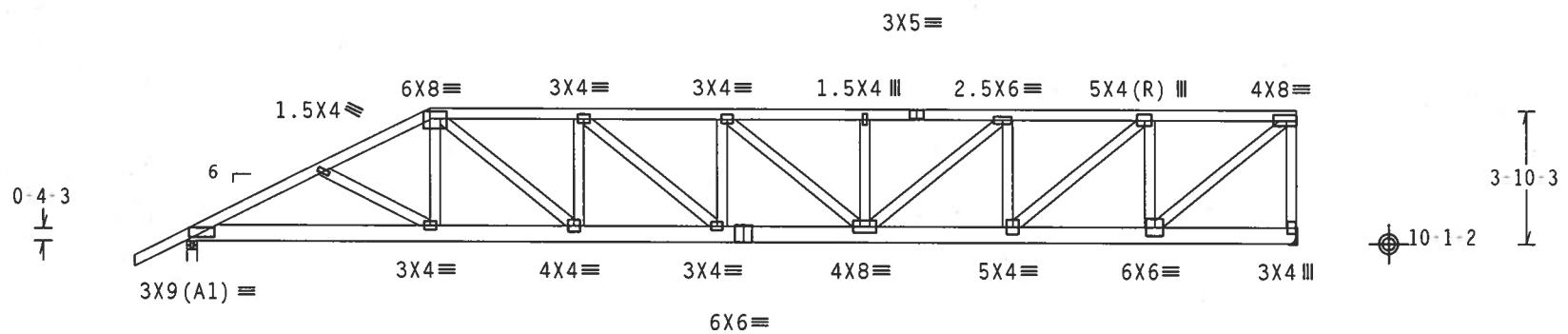
2 COMPLETE TRUSSES REQUIRED

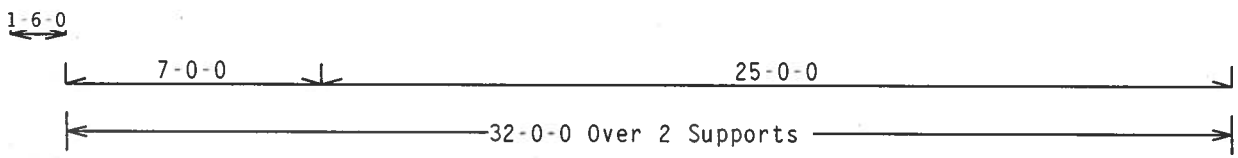
Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





R=3835 U=180 W=3.5"

R=3984 U=180 H=Simpson HGUS26-2
w/ (6) 16d, 0.162"x2.5" nails in Truss
w/ (20) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
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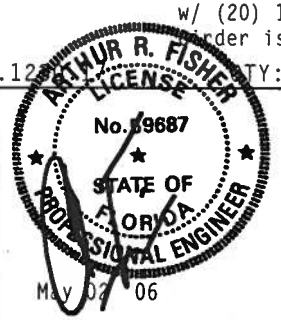


May 02 06

TC LL	30.0 PSF	REF R487-- 62242
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122014
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95693
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SWV487 Z02

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

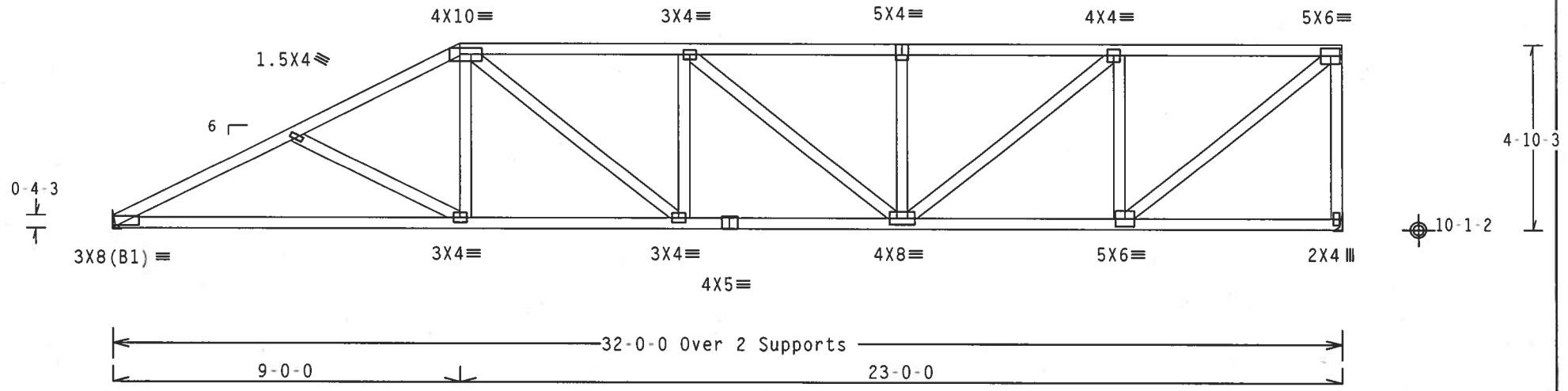
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



R=1824 U=180 H=Simpson HUS26
w/ (4) 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=1810 U=180 H=Simpson HUS26
w/ (4) 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

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62243
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122017
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95703
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

(6 122 Isaac Construction Cady , ** Z3)

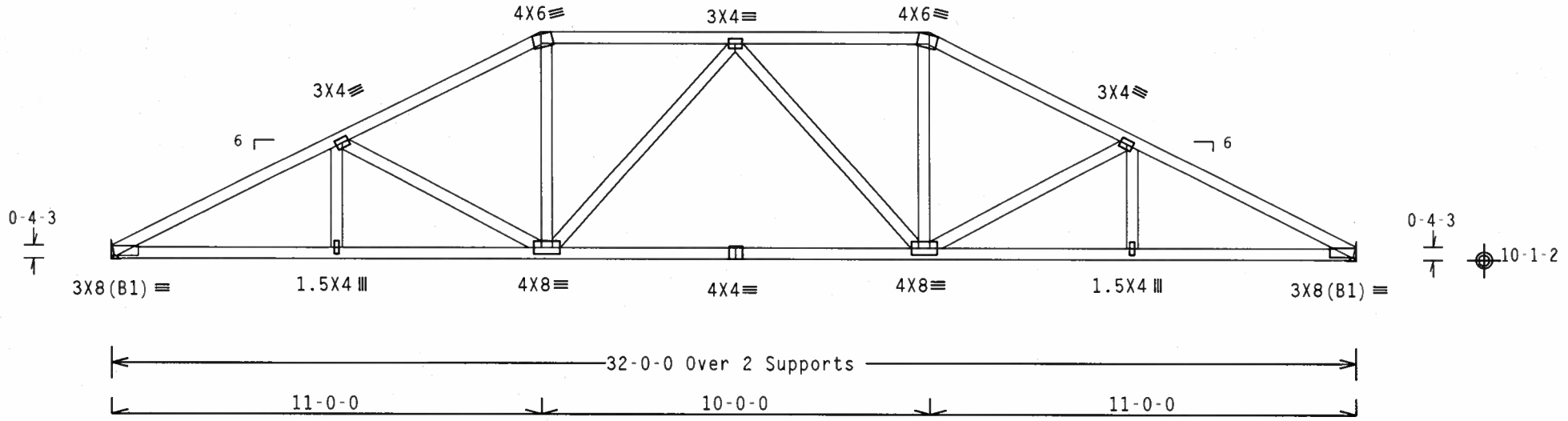
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=1817 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1817 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02 06

TC LL	30.0	PSF	REF R487-- 62244
TC DL	15.0	PSF	DATE 05/02/06
BC DL	10.0	PSF	DRW HCUSR487 06122015
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	55.0	PSF	SEQN- 95712
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SWV487 Z02

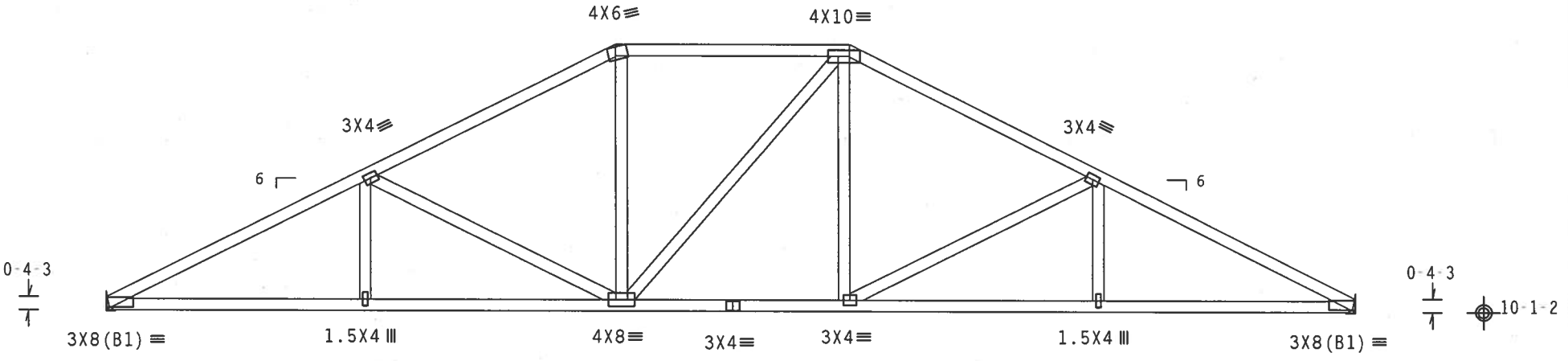
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=1817 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1817 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/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.

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ARTHUR R. FISHER LICENSE No.56687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 02,'06

TC LL	30.0 PSF	REF R487-- 62245
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122013
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95724
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

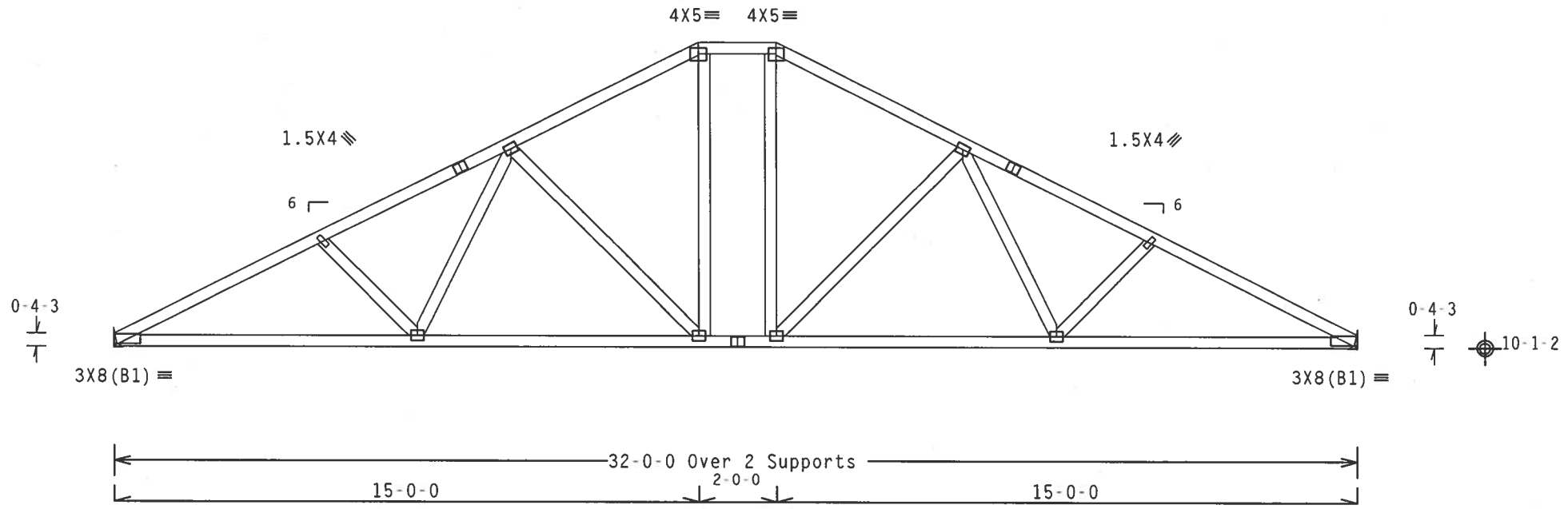
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



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w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.25"/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 LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 22 '06

TC LL	30.0 PSF	REF R487-- 62246
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122012
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95732
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

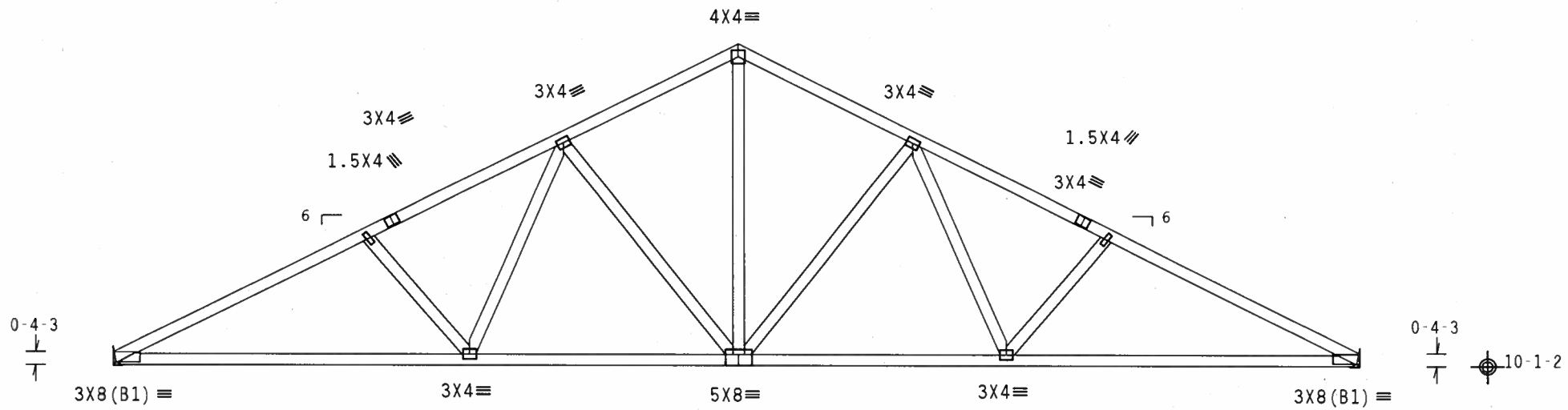
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



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w/ (14) 10d Common, 0.148"x3.0" nails in Girder
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Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/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
LICENSE
No. 19687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 02 '06

TC LL	30.0 PSF	REF R487-- 62247
TC DL	15.0 PSF	DATE 05/02/06
BC DL	10.0 PSF	DRW HCUSR487 06122020
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 95746
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SWV487 Z02

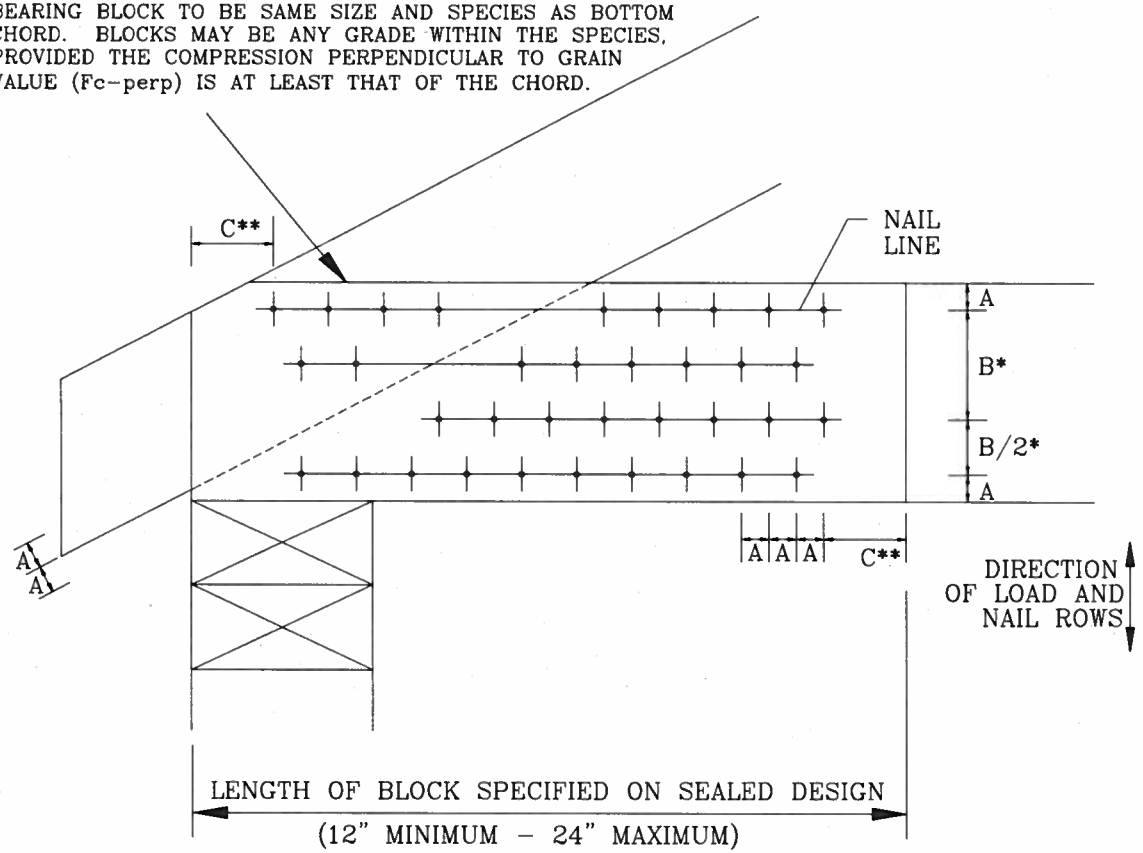
BEARING BLOCK NAIL SPACING DETAIL

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

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

May [illegible]

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