

DATE 09/05/2006

Columbia County Building Permit

PERMIT
000024946

This Permit Expires One Year From the Date of Issue

APPLICANT PERCIVAL & ANN-MARIE FULLER PHONE 386.752.1812
ADDRESS 414 SW BEDROCK STREET LAKE CITY FL 32024
OWNER PERCIVAL FULLER & ANN-MARIE FULLER PHONE 386.752.1812
ADDRESS 414 SW BEDROCK STREET LAKE CITY FL 32024
CONTRACTOR PERCIVAL & ANN-MARI FULLER PHONE 386.752.1812
LOCATION OF PROPERTY 47-S TO BEDROCK,TR AND IT'S THE 3RD PLACE ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 123500.00
HEATED FLOOR AREA 2470.00 TOTAL AREA 3950.00 HEIGHT 1 STORIES 1
FOUNDATION CONC WALLS CONC BLOCK 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 22-5S-16-03671-003 SUBDIVISION SOUTHERN HILLS
LOT 3 BLOCK A PHASE UNIT TOTAL ACRES 4.02

OWNER BLDR
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 06-0768-N BLK JTH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. SECTION 2.3.1. LEGAL NON-CONFORMING LOT OF RECORD.
M/H TO BE REMOVED 30 DAYS AFTER C.O. ISSUANCE. 1 FOOT ABOVE ROAD.

Check # or Cash 1560

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 \$ 620.00 CERTIFICATION FEE \$ 19.75 SURCHARGE FEE \$ 19.75
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 734.50
INSPECTORS OFFICE CLERKS OFFICE

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 INCONVENIENCE, 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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-56 Date Received 8/15/06 By CF Permit # 24946
 Application Approved by - Zoning Official BLK Date 25-08-06 Plans Examiner OK JTH Date 9-5-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2-3.1 Hugel Non-Conforming Lot of Record
MH to be Removed 30 days after CO is issued. 407-889-3898

Applicants Name PERCIVAL FULLER, ANN-MARIE J. FULLER-HOPKINS Phone 386-752-1812 / 407-340-1313
 Address 414 S.W. Bedrock Street Lake City, FL 32024
 Owners Name PERCIVAL FULLER, ANN-MARIE J. FULLER-HOPKINS Phone 386-752-1812 / 407-340-1313
 911 Address 414 S.W. Bedrock Street
 Contractors Name ANN-MARIE J. FULLER-HOPKINS & PERCIVAL FULLER Phone 386-752-1812
 Address 414 S.W. Bedrock Street Lake City FL 32024 407-340-1313
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address GREG WAYLAND 8200 S.W. 16 PLACE GAINESVILLE FL 32609
 Mortgage Lenders Name & Address NA

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 22-55-16-03671-003HX Estimated Cost of Construction 120,000
 Subdivision Name N/A SOUTHERN HILLS Lot 3 Block A Unit - Phase -
 Driving Directions FROM COUNTY BLDG - HERNANDEZ TO HWY 90 - West to 41 - SOUTH
to 47 SOUTH TO SWTH BEDROCK STREET - ARRIVE AT 414 S.W.
BEDROCK STREET 3th on left
 Type of Construction BLOCK (CBS) SFD Number of Existing Dwellings on Property 1
 Total Acreage 4.02 Lot Size - Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 164 Side 215 Side 200 Rear 138
 Total Building Height - Number of Stories 1 Heated Floor Area 2470 Roof Pitch 6/12
TOTAL 3950

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

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

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

Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 15 day of August 2006

Personally known - or Produced Identification ✓

FLDL F460.525.37.686.0

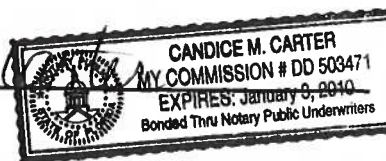
Contractor Signature

Contractors License Number

Competency Card Number

NOTARY STAMP/SEAL

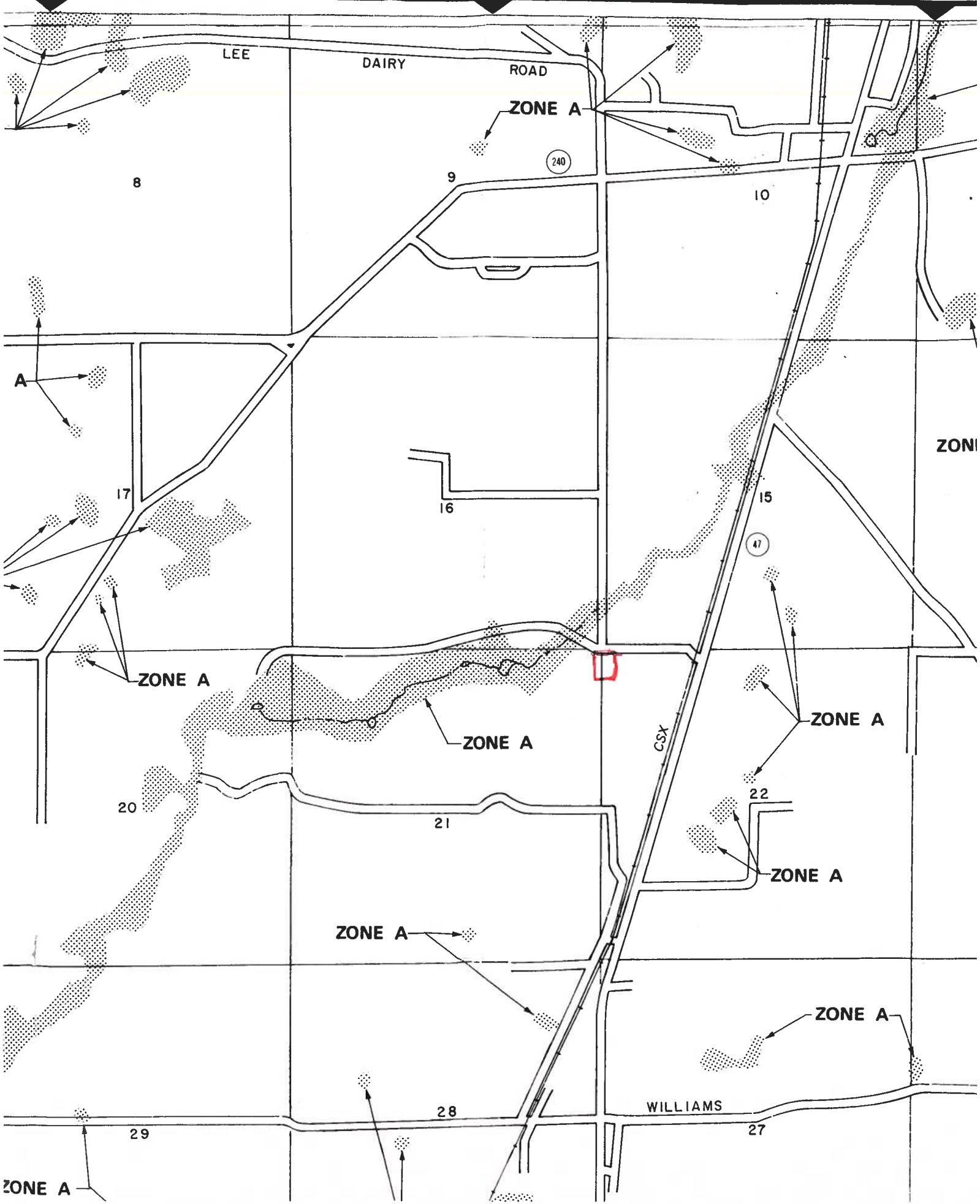
Notary Signature



E

0608-56

F



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 22-55-16-03671-003H PERMIT NUMBER _____

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

LOT 3 BLOCK A SOUTHERN HILLS CIRCLE

414 S.W. BEDROCK STREET LAKE CITY, FL 32024

2. General description of improvement: BUILDING NEW HOME

3. Owner Name & Address PERCIVAL FULLER, LUCILLE FULLER, ANN-MARIE J. FULLER-HOPKINS 414 S.W. BEDROCK STREET Interest In Property _____

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

5. Contractor Name OWNERS Phone Number 386-752-1812
Address 414 S.W. BEDROCK ST LAKE CITY FL 32024 407-340-1313

6. Surety Holders Name N/A Phone Number _____
Address _____
Amount of Bond _____ Inst: 2006019298 Date: 08/15/2006 Time: 13:19

7. Lender Name N/A DC, P. Dewitt Cason, Columbia County B: 1092 P: 2207
Address _____

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

Name OWNERS Phone Number _____
Address _____

9. In addition to himself/herself the owner designates AUDREAN S. FULLER of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee 954-325-4014

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

NOTICE AS PER CHAPTER 713, Florida Statutes:

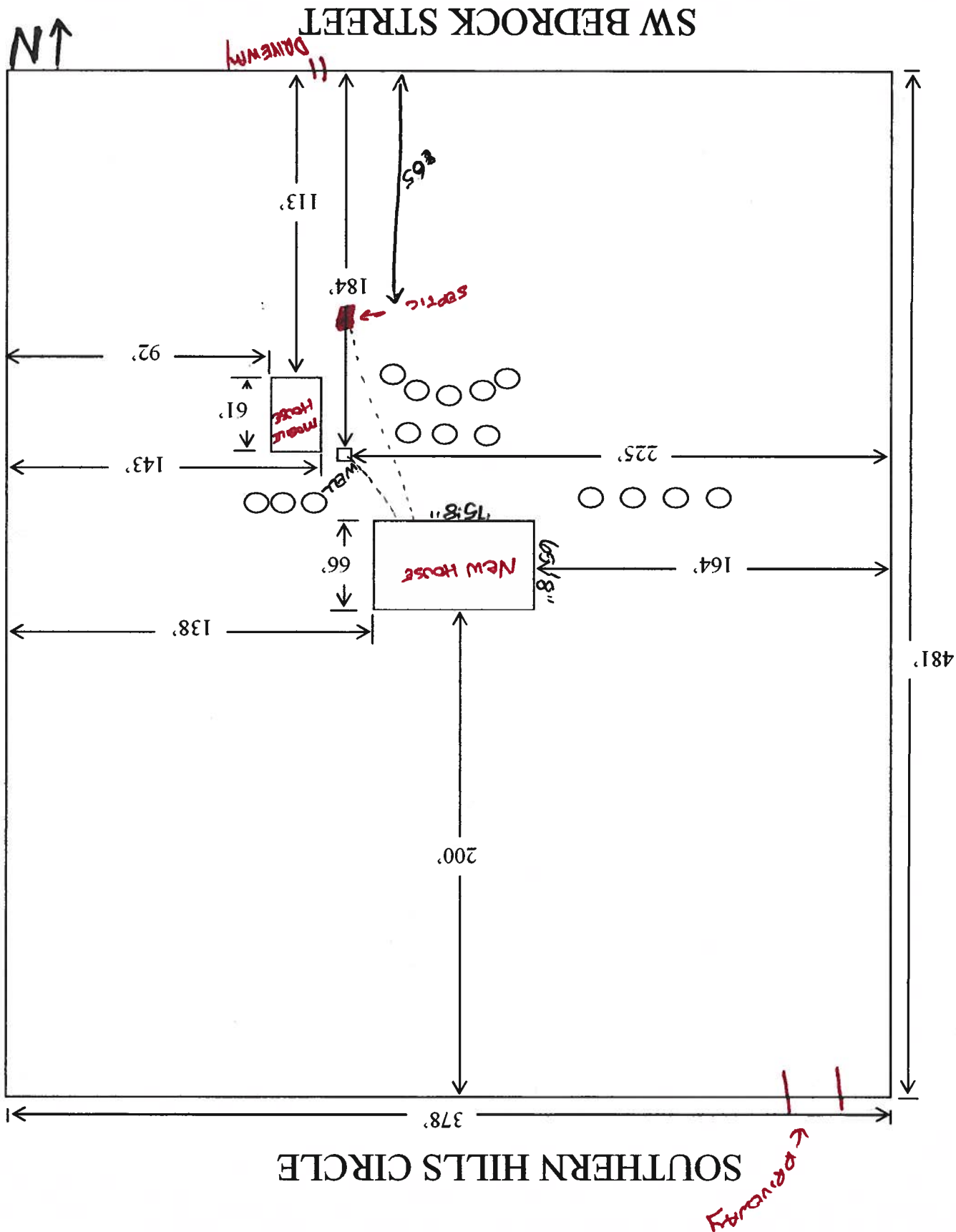
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

[Signature]
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of AUG, 2006 15th



[Signature]
Signature of Notary



DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

☒ Single Family Dwelling
☐ Farm Outbuilding
☒ New Construction

☐ Two-Family Residence
☐ Other _____

☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I ANN-MARIE J. FULMER-HOPKINS, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Signature

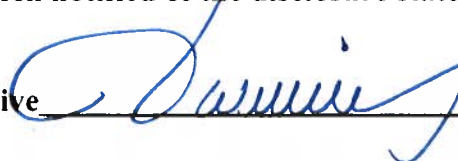
Date

8/14/06

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 9.5.06 Building Official/Representative





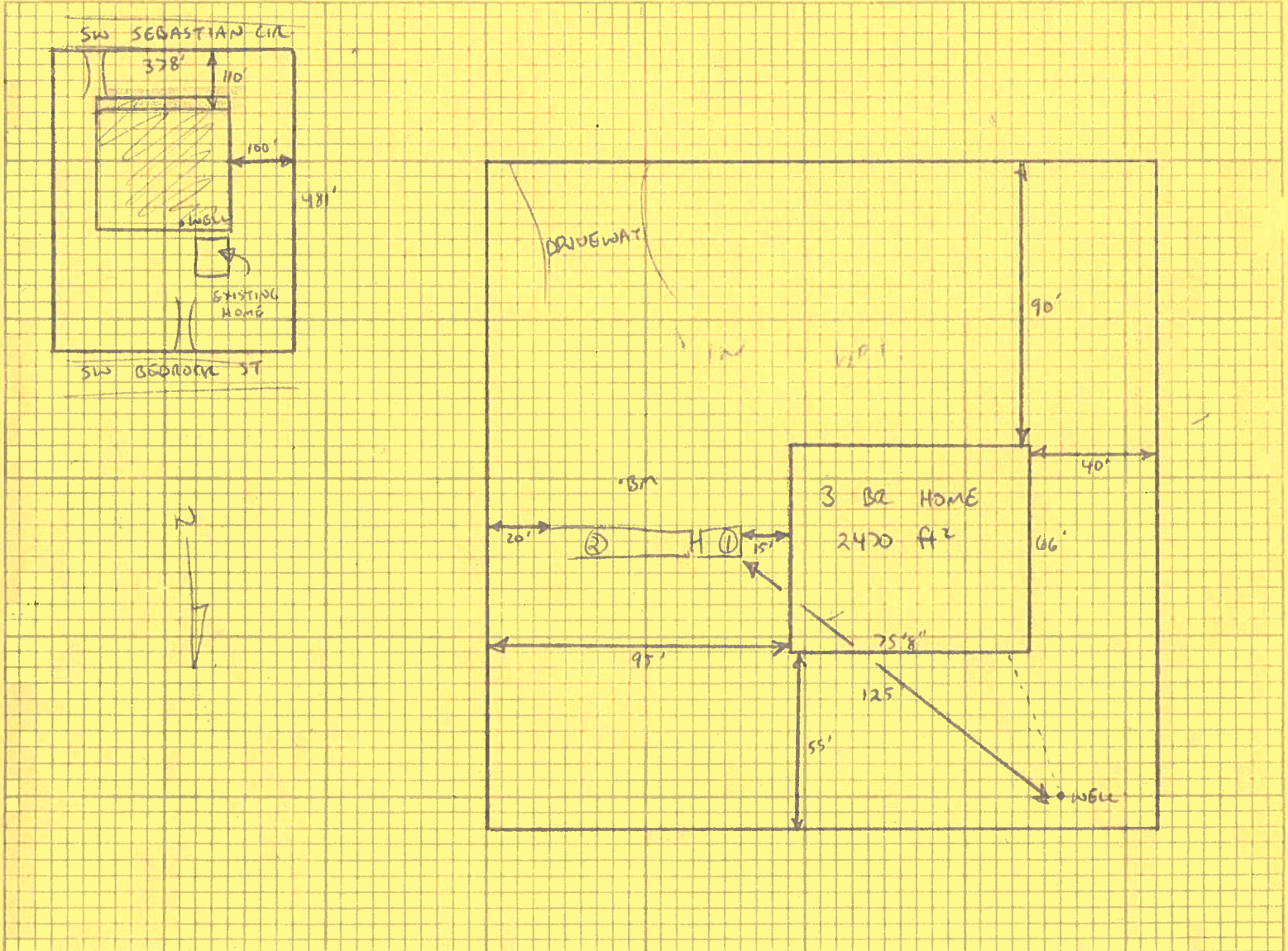
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0768-N

PART II - SITE PLAN

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



Notes: _____

Site Plan submitted by: R. Balh Signature _____ Title owner

Plan Approved _____ Not Approved _____ Date 9/1/6

By R. Balh County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

222 D.C.

383.60

WARRANTY DEED

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL

1999 SEP 22 PM 4:16

This Warranty Deed made the 22nd day of September, A.D. 1999 by

99-16155

Janice A. Brown

hereinafter called the grantor, to

Percival A. Fuller and wife, Lucille E. Fuller and Ann-Marie Fuller, a single person as joint tenants with right of survivorship.

Whose address is: 7504 Grant Ct., Hollywood, FL 33024

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situated in Columbia County, Florida, viz: R03671-003

Lot 3, Block A, Southern Hills, a subdivision as per plat recorded in Plat Book 5, Page 63-63A, public records of Columbia County, Florida.

Together with a 1997 OAKW mobile home with identification number- OW52438A and OW52438B

The above described property is not the homestead property of the Grantor who in fact resides at 11124 3rd Ave. Ocean Marathon, Florida 33050

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: that the grantor hereby fully 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, 1998.

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

Signed, sealed and delivered in our presence:

Harriet C. Falcigno
Witness HARRIET C. FALCIGNO
Susan Carter
Witness SUSAN CARTER

Janice A Brown
Janice Brown

EN 0888 PG 1263

State of Florida
County of Columbia

OFFICIAL RECORDS

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County last aforesaid to take acknowledgments personally appeared Janice Brown known to me personally and/or who produced identification and who executed before me the foregoing deed and acknowledged before me that he executed the same.

20th WITNESS my hand and official seal in the County and State last aforesaid this day of September, A.D., 1999.

(seal)  Sandra Lafferman
Notary Public, State of Florida
Commission No. CC 6703
My Commission Exp. 08/16/2009

NOTARY PUBLIC

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

PROJECT NAME: AND ADDRESS:	BUILDER:	CLIMATE ZONE:
414 S.W. BEDROCK ST LAKE CITY, FL 32004	PERMITTING OFFICE: <u>COUNCIL</u>	1 ☐ 2 ☐ 3 ☒
OWNER:	PERMIT NO.:	JURISDICTION NO.:
PERCIVAL FULLER & ANN-MARIE	<u>24946</u>	<u>221000</u>

GENERAL DIRECTIONS LUCILLE FULLER FULLER-HOPKINS

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

Please Print

CK

1. Compliance package chosen (A-E)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—No. of units covered by this submission
5. Is this a worst case? (yes / no)
6. Conditioned floor area (sq. ft.)
7. Predominant eave overhang (ft.)
8. Glass type and area :
 - a. Clear glass
 - b. Tint, film or solar screen
9. Percentage of glass to floor area
10. Floor type, area or perimeter, and insulation:
 - a. Slab on grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
11. Wall type, area and insulation:
 - a. Exterior: 1. Masonry (Insulation R-value)
2. Wood frame (Insulation R-value)
 - b. Adjacent: 1. Masonry (Insulation R-value)
2. Wood frame (Insulation R-value)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
13. Air Distribution System: Duct Insulation, location
Test report (attach if required)
14. Cooling system
(Types: central, room unit, package terminal A.C., gas, none)
15. Heating system:
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)
16. Hot water system:
(Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)

1.	<u>E</u>	
2.	<u>NEW</u>	
3.	<u>SINGLE FAMILY</u>	
4.	<u>N/A</u>	
5.	<u>NO</u>	
6.	<u>2470</u>	
7.	<u>5 FEET</u>	
	Single Pane	Double Pane
8a.	_____ sq. ft.	_____ sq. ft.
8b.	<u>508</u> sq. ft.	_____ sq. ft.
9.	<u>21.7</u> %	
10a.	R= <u>0</u>	<u>111</u> lin. ft.
10b.	R= _____	_____ sq. ft.
10c.	R= _____	_____ sq. ft.
10d.	R= _____	_____ sq. ft.
10e.	R= _____	_____ sq. ft.
11a-1	R= <u>5</u>	<u>2187</u> sq. ft.
11a-2	R= <u>0</u>	_____ sq. ft.
11b-1	R= _____	_____ sq. ft.
11b-2	R= _____	_____ sq. ft.
12a.	R= <u>30</u>	<u>2470</u> sq. ft.
12b.	R= _____	_____ sq. ft.
13.	R= <u>6</u>	<u>CEILING</u>
14a.	Type: <u>CENTRAL</u>	
14b.	SEER/EER: <u>13.0</u>	
14c.	Capacity: <u>5 TON / 51800</u>	
15a.	Type: <u>ELECTRIC</u>	
15b.	HSPF/COP/AFUE:	
15c.	Capacity: <u>49800 / 50 GAL</u>	
16a.	Type: <u>ELECTRIC</u>	
16b.	EF: <u>0.92</u>	

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

PREPARED BY: _____ DATE: _____
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER AGENT: _____ DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

Application # 0608-56

FORM 600B-04

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

NORTH 123

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

PROJECT NAME: AND ADDRESS:	4150 BEDDOCK ST 1. C. H. 32024	BUILDER:	PERMITTING OFFICE:	CLIMATE ZONE:
OWNER:		PERMIT NO:	24946	JURISDICTION NO: 221000

GENERAL DIRECTIONS

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

1. Compliance package chosen (A-E)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—No. of units covered by this submission
5. Is this a worst case? (yes / no)
6. Conditioned floor area (sq. ft.)
7. Predominant eave overhang (ft.)
8. Glass type and area :
 - a. Clear glass
 - b. Tint film or solar screen
9. Percentage of glass to floor area
10. Floor type, area or perimeter, and insulation:
 - a. Slab on grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
11. Wall type, area and insulation:
 - a. Exterior: 1. Masonry (Insulation R-value)
 2. Wood frame (insulation R-value)
 - b. Adjacent: 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
13. Air Distribution System: Duct insulation, location
Test report (attach if required)
14. Cooling system
(Types: central, room unit, package terminal A.C., gas, none)
15. Heating system:
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)
16. Hot water system:
(Types: elec., nat. gas, L.P. gas, solar heat rec., ded. heat pump, other, none)

Please Print		CK
1.	E	
2.	NEW	
3.	SINGLE FAMILY	
4.	N/A	
5.	NO	
6.	2470	
7.	5 ft	
	Single Pane	Double Pane
8a.	508 sq. ft.	
8b.	508 sq. ft.	
9.	20.7 %	
10a.	R= 0	111 lin. ft.
10b.	R= 0	sq. ft.
10c.	R= 0	sq. ft.
10d.	R= 0	sq. ft.
10e.	R= 0	sq. ft.
11a-1	R= 5	2187 sq. ft.
11a-2	R= 0	sq. ft.
11b-1	R=	sq. ft.
11b-2	R=	sq. ft.
12a.	R= 30	2470 sq. ft.
12b.	R=	sq. ft.
13.	R= 10 (TESTED) CEILING	
14a.	Type: CENTRAL	
14b.	SEER/EER: 13.5	
14c.	Capacity: 5 ton / 56800 BTU	
15a.	Type: ELECTRIC	
15b.	HSPF/COP/AFUE:	
15c.	Capacity: 49800 / 50000	
16a.	Type: ELECTRIC	
16b.	EF: .92	

I hereby certify that the calculations and specifications covered by this calculation are in compliance with the Florida Energy Code.		Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 688.908, F.S.	
PREPARED BY:	DATE:	BUILDING OFFICIAL:	DATE:
OWNER AGENT:	DATE:		

COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 22-5S-16-03671-003

Building permit No. 000024946

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder PERCIVAL & ANN-MARIE FULLER

Waste:

Owner of Building PERCIVAL FULLER & ANN-MARIE FULLER Total: 0.00

Location: 414 SW BEDROCK STREET, LAKE CITY, FL

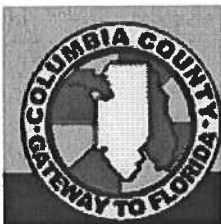
Date: 07/12/2007

Fancy Dieke

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)



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: **0608-56**

Owner/Builder Percival Fuller Property ID# 22-5s-16-03671-003

On the date of August 21, 2006 application 0608-56 and plans for construction of a 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 0608-56 and 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.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

- 1.** Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.
- 2.** Please verify that the egress windows opening as shown on the floor plans will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5 square feet. The minimum net clear opening height shall be 24 inches. The minimum net clear opening width shall be 20 inches.
- 3.** Please provide for compliance with the FRC-2004 section R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).
- 4.** In the master bath room tub area please verify that the window near the tub will comply with the FRC-2004 section R308.4 Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous

locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.

- 5.** The structural design by WSE requires that the soil conditions have a load bearing capacity of 2,000 PSF. The Columbia County Building Department can only assume that the bearing capacities of the soils are 1,000 PSF. Therefore please follow the prescribed testing methods to reveal the true soil load bearing capacities. Please have a registered professional conduct subsurface explorations at the project site upon which foundations are to be constructed, a sufficient number (not less than four, one boring on each corner of the building foundation) borings shall be made to a depth of not less than 10 feet (3048 mm) below the level of the foundations to provide assurance of the soundness of the foundation bed and its load-bearing capacity.
- 6.** Show on the electrical plans as required by the National Electrical Code article 210.12 that all branch circuits supplying outlets installed within a bedroom shall be protected by Arc-Fault interrupter devices.
- 7.** The electrical plans indicate the location of the electrical service entrance (meter can) and the interior location of the 150 amp electrical circuit panel. At the electrical service entrance point a 150 amp overcurrent protection device 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.

8. A Manual J sizing equipment or equivalent computation must be preformed to determine the HVAC equipment requirements, please submit a copy of this report also the Florida Energy Efficiency Code for Building Construction form 600B-04 which was submitted needs to be signed by the originator of the form.

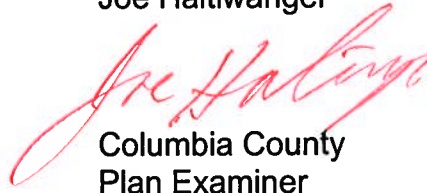
9. As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after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

I Percival Fuller will comply with all of the above 2004 Residential Florida Building



Percival Fuller

Joe Haltiwanger

A red cursive signature of Joe Haltiwanger, written in a fluid, handwritten style.

Columbia County
Plan Examiner

w s e

W A Y L A N D

STRUCTURAL ENGINEERING

8200 SW 16th Place Gainesville, FL 32607
Phone (352) 331-0727 Fax (352) 331-0727
Email: waylandgs@aol.com

August 29, 2006

Lucille & Percival Fuller
414 SW Bedrock Street
Lake City, FL 32024

Re: **FULLER RESIDENCE**
WSE Project No: 06068 -56

Dear Mr. & Ms. Fuller:

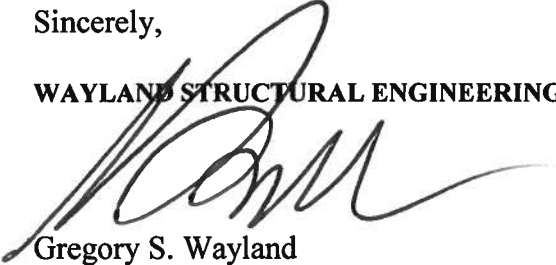
This letter is to confirm that the footings for the above referenced project are adequate to support the building loads based on a 1,000 psf assumed allowable bearing pressure as specified in "Structural Calculations" by WSE dated July 17, 2006 with the following exception:

1. The width of all monolithic wall footings shall be 22 inches instead of the 16 inches previously specified.

Please contact me if you have any questions regarding this matter

Sincerely,

WAYLAND STRUCTURAL ENGINEERING


Gregory S. Wayland
FL PE #54396
FL COA #8236


8/29/06



P.O. Box 1617 • Newberry, Florida 32569 • Telephone (352) 472-2761 • Fax (352) 472-1809

Date: 8/31/2006

Proposal Submitted to: Andrew Fuller	Telephone: 954-325-4014 Fax: 727-231-7605
Address: 5000 Culbreath Key Way #3502	Job Name: Fuller Residence
City, State, Zip: Tampa FL 33611	Job Location:

Carrier Equipment (All equipment & upgrades come standard with Puron; R-22 available)

13 SEER Builder Model:

- 5 Year Compressor, 5 Year Parts Warranty

Size (Tons)	Quantity	Heat Pump	AC / Gas
1 1/4	0	\$3,900.00	\$3,900.00
2	0	\$4,450.00	\$4,450.00
2 1/4	0	\$5,000.00	\$5,000.00
3	0	\$5,550.00	\$5,550.00
3 1/4	0	\$6,100.00	\$6,100.00
4	0	\$6,650.00	\$6,650.00
5	1	☒ \$7,550.00	☐ \$7,550.00
Total Base Price		\$7,550.00	

Carrier Equipment Upgrades:

Comfort SERIES	• 10 Year Compressor Warranty	☐ 13/14 SEER Heat Pump Add	\$900.00
	• 5 Year Parts Warranty	☐ 13/14 SEER AC / Gas Add	\$700.00
Performance SERIES	• 10 Year Compressor Warranty	☐ 13/15 SEER Heat Pump Add	\$2,250.00
	• 5 Year Parts Warranty	☐ 13/15 SEER AC / Gas Add	\$1,900.00
INFINITY SERIES	• 10 Year Compressor Warranty	☐ 15/19 SEER Heat Pump Add	\$2,850.00
	• 5 Year Parts Warranty	☐ 15/21 SEER AC / Gas Add	\$3,100.00

(NOTE: SEER ratings vary depending on equipment size within each model series)

Indoor Air Quality:

	Quantity	
☐ Programmable Thermostat	0	\$250.00
☐ Space Guard / HEPA Type Filter	0	\$275.00
☐ UV Light Air Purifier	0	\$450.00
☐ Heat Recovery System	0	\$450.00

Zoning / Duct Upgrades:

	Quantity	
☐ Comfort Zone Control Package (2 zones)	0	\$2,250.00
☐ Additional Zone (up to 8 total zones)	0	\$425.00
☐ Metal Trunk Line	0	\$500.00
☐ Air Handler/Furnace located in garage	0	\$600.00

TOTAL PRICE FOR JOB \$

*No gas piping will be done on this job

*Duct work will be of 1 1/2" duct board

*Flex duct where applicable

*No electrical or carpentry work will be done by us on this job

*One year warranty on all work performed by us. Equipment warranty varies by model

*Warranty work completed during regular business hours only. Any work performed after hours, weekends, or holidays will be 1 1/2 x normal service rates.

WE PROPOSE TO FURNISH MATERIAL AND LABOR IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS. PAYMENT DUE ON COMPLETION.

THANK YOU FOR ALLOWING US TO QUOTE THE ABOVE PRICE

According to standard practice: Any alteration or deviation from above specifications involving extra costs will be incurred only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon timely, accurate or delays beyond our control. (Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by workers' compensation insurance.)

Acceptance of Proposal—The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Prepared By: Michael Chatter

Note: This proposal may be Withdrawn by us if not accepted within 30 days

Signature: _____

Date of Acceptance: _____

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Cig (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	1754	1742	0.100	831	19	16 x 19	RectFbg	
st2	Peak AVF	96	108	0.100	242	8	18 x 4	RectFbg	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Cig (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	Rect Size (in)	Stud/Joint Opening (in)	Duct Matl	Trunk
rb1	0x0	1850	1860	122.0	0.050	387	28	18x 43		V/Fx	rt1

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Cig (cfm)	Design FR	Veloc (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
rt1	Peak AVF	1850	1860	0.060	423	27	18 x 35	RectFbg	

08-31-'06 14:45 PPOX-FOUND'S HEATING & AIR 3524721809

T-857 P004/005 E-474



Duct System Summary

Entire House

Bounds Heating & Air

Job: 2470 SqFt
 Date: 08-31-06
 By: Michael C.

P.O. BOX 1617, Newberry, FL 32868 Phone: (352) 472-2761 Fax: (352) 472-1809

Project Information

For: Percival Fuller

	Heating	Cooling
External static pressure	1.00 in H ₂ O	1.00 in H ₂ O
Pressure losses	0.30 in H ₂ O	0.30 in H ₂ O
Available static pressure	0.70 in H ₂ O	0.70 in H ₂ O
Supply / return available pressure	0.60 / 0.10 in H ₂ O	0.60 / 0.10 in H ₂ O
Lowest friction rate	0.100 in/100ft	0.100 in/100ft
Actual air flow	1850 cfm	1850 cfm
Total effective length (TEL)	892 ft	

Supply Branch Detail Table

Name		Design (Btu/h)	Htg (cfm)	Ctg (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Fig.Eqv Ln (ft)	Trunk
wash room	c	2459	95	108	0.100	7	16x3	VIFx	4.0	115.0	st2
toilet 1	h	1011	35	12	0.100	5	16x1	VIFx	6.0	180.0	st1
patio	h	1770	62	21	0.100	6	16x2	VIFx	11.0	205.0	st1
nook	h	3761	132	112	0.100	7	16x3	VIFx	21.0	285.0	st1
kitchen	c	525	15	28	0.100	4	16x1	VIFx	23.0	265.0	st1
bedroom 2-A	c	2695	82	118	0.100	7	16x3	VIFx	36.0	288.0	st1
bedroom 2	c	2695	82	118	0.100	7	16x3	VIFx	32.0	268.0	st1
bath	c	1413	46	62	0.100	6	16x2	VIFx	45.0	435.0	st1
bedroom 3-A	c	3146	111	138	0.100	8	16x4	VIFx	60.0	676.0	st1
bedroom 3	c	3146	111	138	0.100	8	16x4	VIFx	54.0	635.0	st1
hall	c	268	9	12	0.100	4	16x1	VIFx	37.0	350.0	st1
den	h	3112	109	90	0.100	7	16x3	VIFx	39.0	610.0	st1
toilet	c	51	1	2	0.100	4	16x1	VIFx	44.0	510.0	st1
living room	c	3863	119	189	0.100	8	16x4	VIFx	66.0	678.0	st1
oyer	h	1407	49	32	0.100	5	16x1	VIFx	64.0	676.0	st1
family room	h	2588	91	69	0.100	6	16x2	VIFx	60.0	350.0	st1
family room-A	h	2588	91	69	0.100	6	16x2	VIFx	48.0	350.0	st1
master bed	c	4736	172	208	0.100	9	16x5	VIFx	68.0	435.0	st1
master bed-A	c	4736	172	208	0.100	9	16x5	VIFx	77.0	435.0	st1
W1	c	123	3	5	0.100	4	16x1	VIFx	74.0	635.0	st1
W1 2	h	1024	36	13	0.100	5	16x1	VIFx	64.0	635.0	st1
master bath	h	6407	225	122	0.100	9	16x5	VIFx	85.0	685.0	st1

08-31-'06 14:45 FROM-BOUNDS HEATING & AIR 3524721809

I-857 P003/005 F-474

wic	48	76	123	3	5
wic 2	40	1024	294	36	13
master bath	214	8407	2789	225	122
Entire House	2470	52726	42218	1850	1850
Other equip loads		4833	2361		
Equip. @ 0.98 RSM			43678		
Latent cooling			9227		
TOTALS	2470	57559	52804	1850	1850

Printed values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



Short Form
Entire House
Bounds Heating & Air

Job: 2473 SqFt
 Date: 08-31-06
 By: Michael C.

P.O. BOX 1617, Newberry, FL 32869 Phone: (352)472-2751 Fax (352) 472-1809

Project Information

For: Percival Fuller

Design Information

	Htg	Ctg	Infiltration	Simplified
Outside db (°F)	91	93		
Inside db (°F)	68	75	Method	Tight
Design TD (°F)	37	18	Construction quality	0
Daily range	-	M	Fireplaces	
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	60		

HEATING EQUIPMENT

Make	Carrier
Trade	Base 13 Puron HP
Model	25HBA360A30
Efficiency	7 HSPF
Heating input	55500 Btuh @ 47°F
Heating output	27 °F
Temperature rise	1850 cfm
Actual air flow	0.035 cfm/Btuh
Air flow factor	1.00 in H2O
Static pressure	
Space thermostat	

COOLING EQUIPMENT

Make	Carrier
Trade	Base 13 Puron HP
Cond	25HBA360A30
Coil	CD5AA060+68CVX136-22+PUROX-TXV
Efficiency	13.2 SEER
Sensible cooling	38850 Btuh
Latent cooling	16850 Btuh
Total cooling	55500 Btuh
Actual air flow	1850 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	1.00 in H2O
Load sensible heat ratio	0.83

ROOM NAME	Area (ft²)	Htg load (Btuh)	Ctg load (Btuh)	Htg AVF (cfm)	Ctg AVF (cfm)
wash room	56	2731	2459	98	108
toilet 1	32	1011	273	35	12
pantry	59	1770	478	62	21
nook	104	3761	2568	132	112
kitchen	186	427	525	15	23
bedroom 2	186	4686	5391	164	236
closet 2	27	0	0	0	0
bath	45	1322	1413	48	62
closet 3	27	0	0	0	0
bedroom 3	156	6312	6292	221	276
hall/1	89	265	258	9	12
den	182	3112	2081	109	90
toilet	20	31	51	1	2
sitting room	138	3394	3883	119	168
foyer	88	1407	740	49	32
family room	380	5171	3160	181	138
master bed	416	9828	8471	345	415

Individual values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

06/01/2004

3569385532

L & GENERAL SERVICES

PAGE 02

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	6 Panel	FL 18
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic	Amarr	Covering Door Sectional	FL 697
6. Other			
B. WINDOWS			
1. Single hung	Petterbilt	Aluminum	FL 663
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Kaycan	Wood	FL 1139
2. Soffits	Kaycan	Wood	FL 1146
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Tamko		FL 673
2. Underlayment			
3. Roofing Fasteners			
4. Non-structural Metal R			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

2/02/04 - 1 of 2

Union Corrugated Metal Roof
Website: www.floridabuilding.orgJames
Hardie

Hardie Board

FL 72
Effective April 1, 2004
FL 689.5

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> 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.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifiably designed by the registered design professional.
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation

c. Crawl space (if applicable)

7

☐

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 (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

7

☐

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

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

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

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

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STRUCTURAL CALCULATIONS

FOR

FULLER RESIDENCE

LOCATION

Lake City, Columbia County, Florida

W S E

WAYLAND

STRUCTURAL ENGINEERING

8200 SW 16th Place Gainesville, FL 32607

Phone/Fax 352-331-0727

FL COA #8236

Project Number

06068

July 17, 2006

Prepared For:

Lucille & Percival Fuller

414 SW Bedrock Street

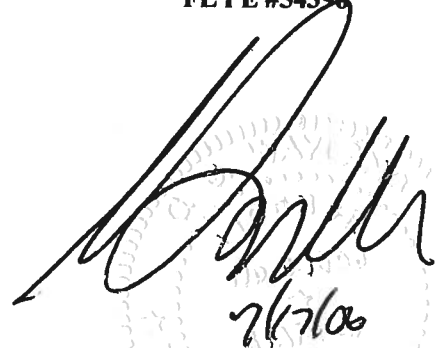
Lake City, FL 32024

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Structural Calculations	10-16

GREGORY S. WAYLAND, PE

FL PE #54396



7/17/06

Raised seal at right indicates an original copy of this document by WSE.
Any copy without this seal was unlawfully obtained and user of document is
subject to prosecution.

WAYLAND STRUCTURAL ENGINEERING		Date: 7/17/2006
Gregory S. Wayland, PE	FL PE #54396	FL COA #8236
8200 SW 16th Place Gainesville, FL 32607	Ph/Fax 352-331-0727	By: GSW
Project Name: FULLER RESIDENCE		Page: 1
WSE Project Number: 06068		For:
Project Location: Columbia County, Florida		

STRUCTURAL SPECIFICATION

A. GENERAL

- This STRUCTURAL SPECIFICATION shall be considered part of the contract documents for this project and shall be attached to the drawings prepared by: Patrick J. Robinson Date: _____
- Roof truss layout, uplift loads and gravity loads relied upon for design of supporting walls, lintels, headers, footings, etc. prepared by: na Date: _____
- Information and materials specified in this STRUCTURAL SPECIFICATION shall take precedence over that shown on the drawings.
- Signing and sealing this document and/or the construction drawings by Wayland Structural Engineering certifies only the structural systems for this building, and is not a certification of the site plan, architectural, electrical, mechanical, plumbing or other systems that may be shown on the same drawing. WSE is not responsible for changes made to this document by others without written consent.
- It is assumed that this building site is not located within a 100 year floodplain and is not designed for hydrostatic or moving water loads.

B. GOVERNING CODE

FLORIDA BUILDING CODE, 2004, BUILDING

C. DESIGN LOADS

1. Dead Loads (Section 1606)			4. Wind Loads (Section 1609)		
Roof Top Chord	10	psf	Enclosure Classification	Enclosed	
Roof Bottom Chord	10	psf	Basic Wind Speed (3 sec. gust)	110	mph
Floor	10	psf	Wind Importance Factor, I _w	1.0	
2. Live Loads (Section 1607)			Exposure Category	B	
Floor Live Load	40	psf	Internal Pressure Coefficients:	+0.18, -0.18	
Balconies	60	psf	Design Wind Pressures for Doors and Windows:		
Attics w/o storage	10	psf			
Attics w storage	20	psf			
3. Roof Live Loads (Section 1607.11.2)					
12:12 pitch	12	psf	Opening Area (sf)	Inward Pressure (psf)	Outward Pressure (psf)
10:12 pitch	14	psf	0-10	21.8	-29.1
8:12 pitch	16	psf	11-20	20.8	-27.2
6:12 pitch	18	psf	21-50	19.5	-24.6
Flat to 4:12 pitch	20	psf	51-100	18.5	-22.6

D. EARTHWORK

1. General:

- OWNER/CONTRACTOR CAUTION:** A geotechnical or soil investigation has not been performed for this site. It is recommended that the Owner or Contractor employ the services of a geotechnical engineer to perform soil borings and provide recommendations for preparation of the soils specific to this building site, and confirm the soil type assumed in this specification. WSE has no knowledge of the on-site soils and therefore accepts no responsibility for their bearing capacity or performance.
- Bearing soil is therefore presumed to be sandy soil with no organics, peat, clay, expansive clays, or boulders.
- It is assumed that seasonal high groundwater table is well below footing bearing elevation.
- The allowable soil bearing pressure is assumed to be **2,000 pounds** per square foot.
- If the Contractor or Building Inspector encounters organics, clays, silts, boulders or high groundwater levels during foundation excavation, engineer of record and/or geotechnical engineer shall be contacted and/or employed to assess conditions first hand and give direction for additional corrective work or modifications to the design that may need to be performed.

2. Site Preparation:

- Strip all trees, grasses, topsoil and other organics from building footprint. Use root rake or similar equipment to remove roots.
- Proofcompact existing grade with loaded dump truck or compactor to densify existing soils and identify soft or loose soils.
- If soft soils are encountered during proofcompaction, overcut unsuitable material and replace with well graded sand. (See 1e. above)

3. Excavation:

- Excavations are to be performed in accordance with current OSHA standards. Contractor is responsible for excavation safety.
- Compact all excavation bottoms to firm unyielding condition. See B.6.c. for compaction requirement.

4. Footing Bearing:

- All foundations are to bear on undisturbed sandy soil or compacted fill as described herein.
- Bottom of footings are to extend at least 12 inches below grade.

5. Ground/Surface Water Control:

- Excavation and backfill operations are to be maintained in a dry condition.
- Slope or crown building subgrades to promote run-off and prevent ponding.
- Surface and infiltrating water are to be removed by grading and pumping from sumps if required.

6. Backfill and Compaction:

- Use only clean, well graded sand with no more than 10% passing #200 sieve for fill and backfill within building footprint.
- Mechanically compact all backfill within building footprint in maximum 12" loose lifts to firm unyielding consistency.
- Suggest compact to 95% of maximum dry density per Modified Proctor Test, ASTM D-1557.

7. Pest Control:

- Treat all slab subgrades for termites in accordance with the Florida Building Code and local ordinances.

8. Exterior Grading:

- Exterior grade is to be kept at least 6 inches below wood siding and/or foam insulation.
- Slope exterior grade away from building to promote drainage.

WAYLAND STRUCTURAL ENGINEERING		Date: 7/17/2006
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Project Name: FULLER RESIDENCE	For: 0	Page: 2
WSE Project Number: 06068	0	
Project Location: Columbia County, Florida	0	

STRUCTURAL SPECIFICATION (Continued)

E. CONCRETE

1. General: Comply with Florida Building Code, 2004 Chapter 19, and ACI 301-99 Specifications for Structural Concrete.
2. Concrete:
 - a. Cement: ASTM C150, Type I Portland cement
 - b. Aggregate: ASTM C33, maximum aggregate size = 1 inch
 - c. Water/cement ratio: 0.50 maximum
 - d. Slump: 4 inches +/- 1 inch.
 - e. Air entraining: ASTM C 260, concrete is to be air entrained for mild exposure, 3 - 6%.

COMPRESSIVE STRENGTH, (psi) min. at 28 days	
Member	Strength
Footings, slabs-on-grade	2,500

3. Reinforcing: ASTM A615, Grade 40.

LAPS, BENDS, HOOKS			
Bar Size	Lap Length	Bend Diameter	Hook Length
#3	15"	2 1/4"	6"
#4	20"	3"	8"
#5	25"	3 3/4"	10"
#6	30"	4 1/2"	12"

BAR COVER	
Condition	Minimum Cover
Cast against and exposed to earth	3"
Exposed to earth or weather	1 1/2"
Not exposed to weather or earth	
Slabs, walls, joists	3/4"
Beams, columns (stirrups, ties)	1 1/2"

4. Footings:

BEARING WALL FOOTINGS			
Type	Width	Depth	Reinforcing
Monolithic	16"	20"	(3) #5

Corner bars: Provide 90 degree bend at all footing corners.

5. Slabs-On-Grade:

- a. Thickness: 4 in.
- b. Vapor retarder: 6 mil polyethylene, lap edges 6 inches.
- c. Reinforcing: Welded Wire Reinforcing (WWR): ASTM A185, 6x6-W1.4xW1.4 (6x6-10/10) sheets, lap edges minimum 10 inches, support on chairs @ 3'-0" o.c. each way.
WWR need not be installed on chairs if used in conjunction with fiber reinforcement.
(Optional) Fibrous Reinforcing: ASTM C 1116, Fibermesh "Stealth" or "Inforce e3" polypropylene fibers by SI Concrete Systems or equivalent. Add to concrete mix at rate of 1.5 lb/cy.
- d. Protection: Cure all slabs for 7 days using sprayed-on curing compound or continuous water sprinkling.
- e. Slab joints: As concrete slabs cure and dry out, they will shrink causing cracks to form in surface of slab. Slab reinforcement is placed in slab to help limit width of cracks that do form. All slabs left exposed should be saw-cut in roughly 10'-0" squares.

F. MASONRY

1. General: Comply with the Florida Building Code, 2004 Chapter 21 and ACI 530.1-02 Specifications for Masonry Structures.
2. Masonry: ASTM C90, Type 1, two core, normal weight units, 1,900 psi net area compressive strength.
3. Mortar: ASTM C270, Type M or S.
4. Grout: ASTM C476, fine or coarse grout, minimum 3,000 psi compressive strength at 28 days, 8-9 inch slump.
5. Joint Reinf.: (Optional) ASTM A951, truss type, hot-dip galvanized per ASTM A153, class B, 9 gauge wires spaced 16" o.c. vertically.
6. Reinforcing: ASTM A615, Grade 40. Provide clean-out at base of wall for pours over 5 feet high, lap bars 48 bar diameters.
 - a. Vertical: Provide #5 bars @ 6'-0" o.c. and at all corners and ends of walls.
Provide one vertical #5 bar in first cell at all window and door jambs. Provide (2) #5 at garage door jambs.
Provide (4) #5 vertical bars in all masonry columns.
 - b. Horizontal: Provide one #5 bar continuous in bond beam at top of wall.
 - c. Hooks: Provide standard 90 degree hook into footing at bottom and into bond beam at top of wall.
 - d. Corners: Provide 90 degree bend corner bars at all wall corners and intersections.
 - e. Lintels: Provide precast/pre-reinforced U-shaped concrete lintels over all openings sized for span and loading.

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Project Location: Columbia County, Florida	0	

STRUCTURAL SPECIFICATION (Continued)

G. WOOD FRAMING

1. General: Comply with the Florida Building Code, 2004 Chapter 23.

Wall height	Member	Spacing	Grade	Species
Up to 10 ft.	2x4	16" o.c.	No. 2	Spruce-Pine-Fir (SPF)

3. Headers, Joists, Beams: No. 2, Southern Pine (SP).

4. Posts: No. 2, Southern Pine (SP).

5. Trusses:
- Wayland Structural Engineering is not responsible for design and detailing or installation of engineered wood roof trusses.
 - Truss engineering drawings to be signed and sealed by Professional Engineer registered in State of Florida.
 - Truss manufacturer to Engineer trusses to support dead, live and wind loads per Florida Building Code, 2004 or ASCE 7-02.
 - Engineer trusses to comply with ANSI/TPI 1 "National Design Standard for Metal Plate Connected Wood Truss Construction."
 - Comply with TPI HIB "Commentary and Recommendations for Handling, Installing and Bracing of Metal Plate Connected Wood Trusses."
 - Comply with TPI DSB "Recommended Design Specification for Temporary Bracing of Metal Plate Connected Wood Trusses."
 - Truss spacing = 2'-0" o.c. maximum.

6. Fascia Board: No. 2, Spruce-Pine-Fir (SPF).

7. Sheathing:
- Roof Sheathing: 7/16" thick, Oriented Strand Board (OSB), Sheathing Grade, Exposure 1.
Fasten with 8d common nails @ 6" o.c. at panel edges, 12" o.c. along intermediate supports.
Lay panels perpendicular to supports, stagger joints one-half panel length. Provide "H" panel clips between panel supports.
Nail panel edges to fascia board.
 - Wall Sheathing: 7/16" thick, Oriented Strand Board (OSB), Sheathing Grade, Exposure 1.
Fasten with 8d nails @ 6" o.c. at panel edges, 12" o.c. along intermediate supports.
Install panels vertically. Nail top edge to top plate. Provide solid blocking at all panel edges.
 - Floor Sheathing: 3/4" thick, APA Rated Sturd-I-Floor plywood, tongue & groove, exposure 1.
Fasten with construction adhesive and 10d common nails @ 6" o.c. at panel edges, 12" o.c. along intermediate supports.
Install panels perpendicular to supports, stagger joints one-half panel length.

8. Fasteners:
- Nails: Comply with Florida Building Code, 2004, Table 2304.9.1, "Fastening Schedule."
 - Anchor bolts: ASTM A307
 - Bolts: ASTM A307, hot-dip galvanized, see plan for size and quantity.
 - Uplift Anchors & Ties: Simpson Strong-Tie,
 - Corrosion Protection: All fasteners exposed to weather or in contact with preservative treated wood shall be hot-dip galvanized to G185. For Simpson connectors, provide "Z-Max" coating.

H. WINDOWS, DOORS, SKYLIGHTS

1. Design: Wayland Structural Engineering is not responsible for the design, construction, or attachment of windows, doors or skylights.
The building envelope is designed assuming a fully enclosed condition, therefore windows, doors and skylights must be designed to support the same wind pressures that walls and roofs are designed for.
2. Certification: Window, door and skylight manufacturer shall submit certification indicating that window or door units can adequately support design wind pressures for the specified wind zone as shown in section C.4. above.
3. Fastenings: Window, door and skylight manufacturer is to provide fastening information for attachment to supporting construction.

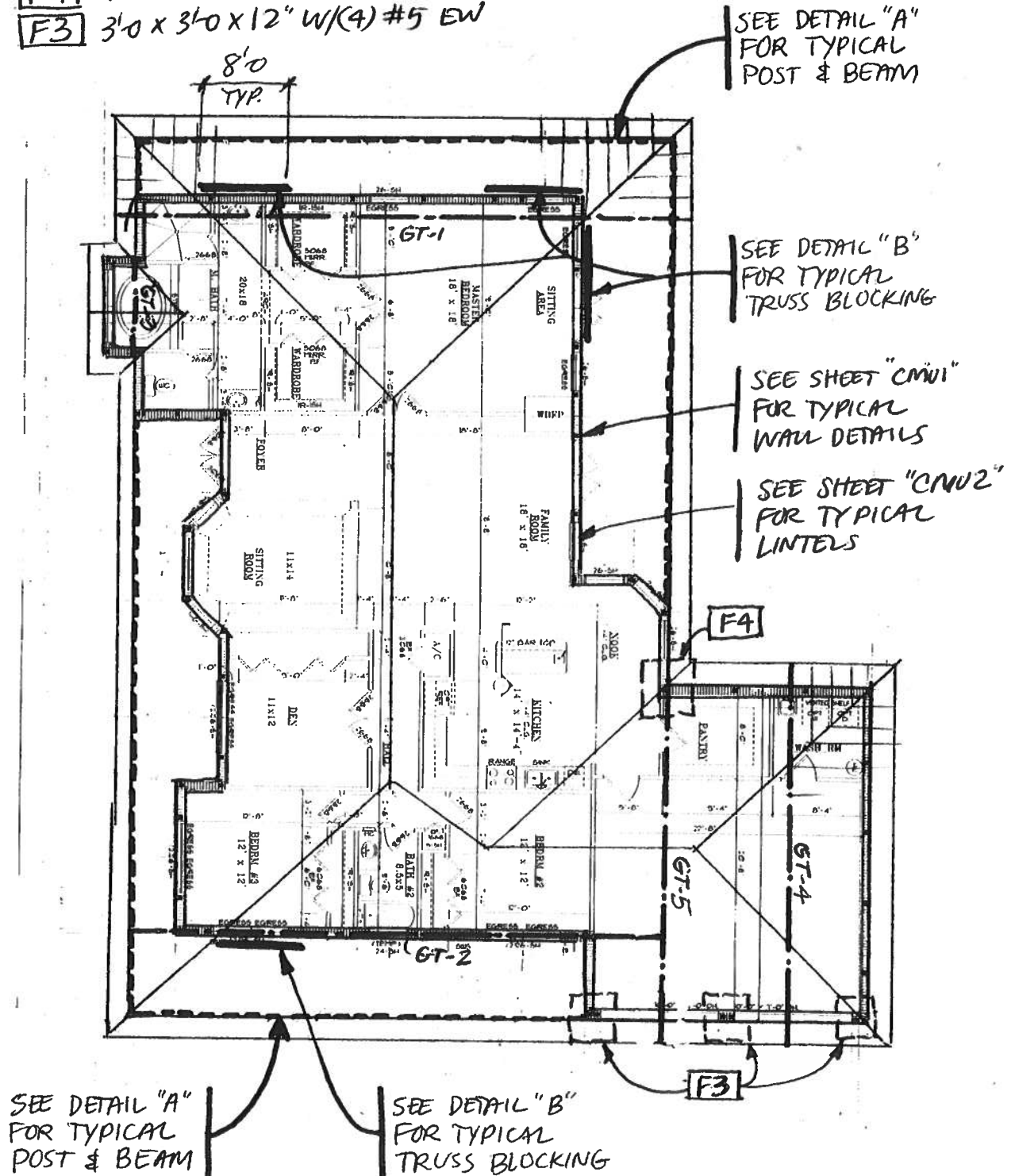
---GT-1--- GIRDER TRUSS

----- WOOD BEAM

FOOTINGS

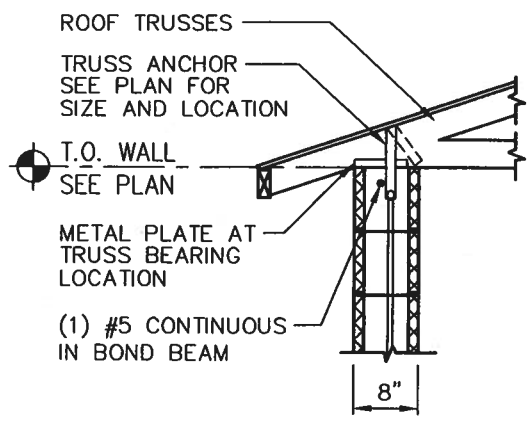
[F4] 4'0" x 4'0" x 12" W/(5) #5 EW

[F3] 3'0" x 3'0" x 12" W/(4) #5 EW

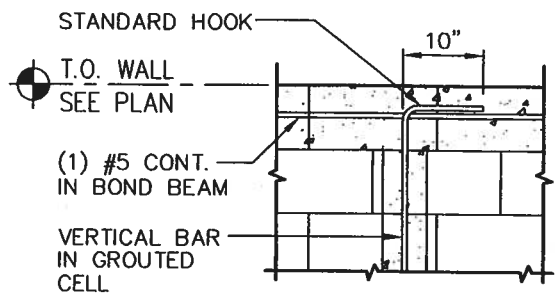


ROOF FRAMING PLAN

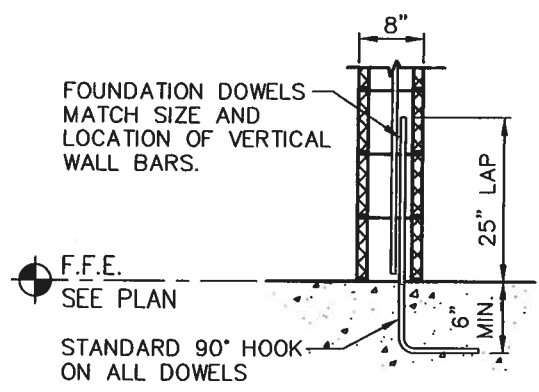
1. SEE ROOF TRUSS ANCHOR SCHEDULE



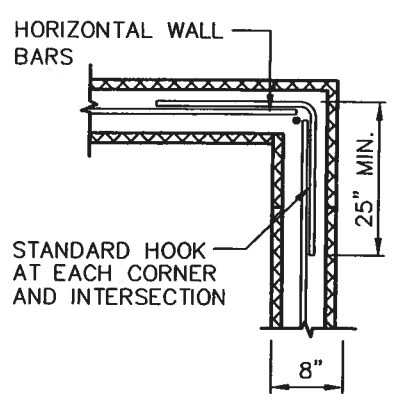
1 EXTERIOR TRUSS BEARING
1/2" = 1'-0"



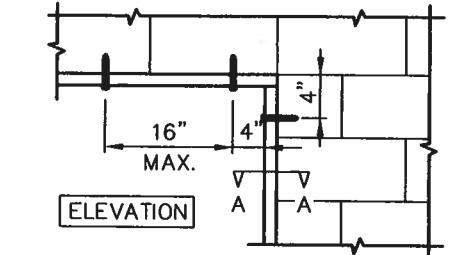
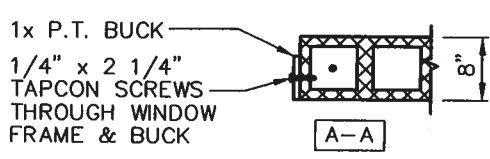
2 HOOK TO BOND BEAM
1/2" = 1'-0"



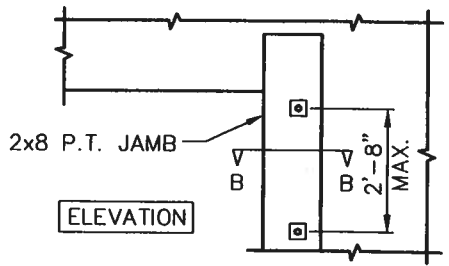
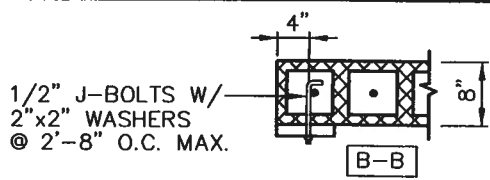
3 WALL BASE
1/2" = 1'-0"



4 WALL CORNER REINFORCING
1/2" = 1'-0"



5 DOOR/WINDOW BUCK
1/2" = 1'-0"



6 GARAGE DOOR BUCK
1/2" = 1'-0"

w s e

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Gainesville, FL 32607
Florida PE #54396 Phone (352) 331-0727
COA #8236 Fax (352) 331-0727

DWG. NAME: TYPICAL CMU WALL DETAILS

SCALE: VARIES

PROJECT NAME:
FULLER RESIDENCE
LAKE CITY, FLORIDA

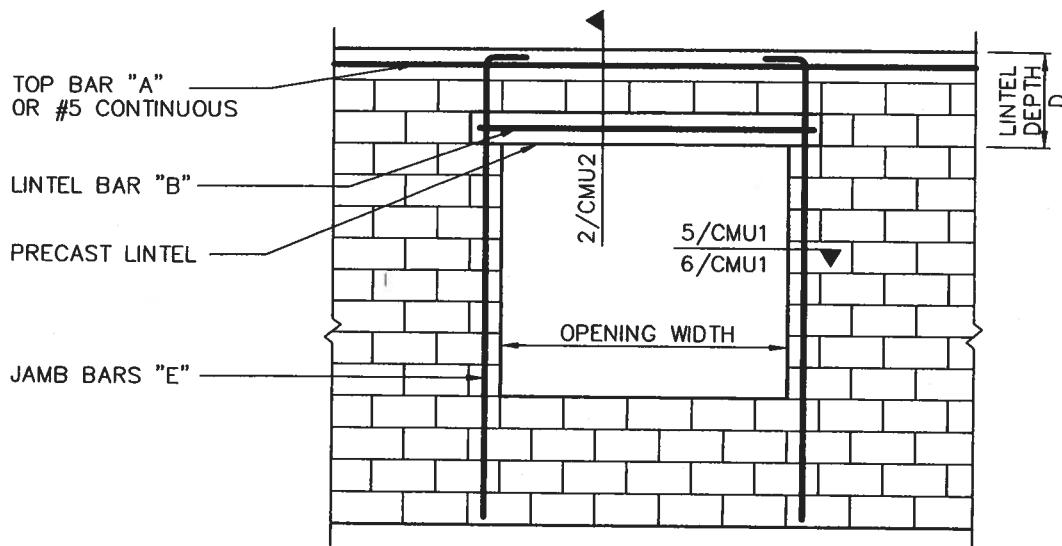
PROJECT NO: 06068

DRAWN BY: GSW

DATE: 7/17/2006

DWG NO.

CMU1

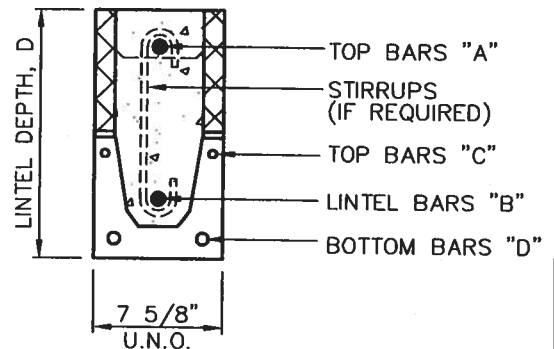


1 OPENING ELEVATION
1/4" = 1'-0"

MASONRY OPENING	LINTEL MARK	LINTEL DEPTH D (IN)	MASONRY REINFORCING			PRECAST LINTEL REINFORCING		JAMB BARS "E"
			TOP BARS "A"	LINTEL BARS "B"	STIRRUPS	TOP BARS "C"	BOTTOM BARS "D"	
4'-8"	A	16	(1) #5	(1) #5	NONE	NONE	(2) #3	(1) #5
6'-4"	B	16	(1) #5	(1) #5	NONE	(2) #2	(2) #4	(1) #5
9'-0"	B	16	(1) #5	(1) #5	NONE	(2) #2	(2) #4	(1) #5
10'-0" GARAGE LINTEL	E	32	(1) #5	(1) #5	NONE	(2) #4	(2) #6	(2) #5

1. PRECAST U-SHAPED LINTELS BY CEMENT PRECAST OR EQUAL.
2. PRECAST CONCRETE: 4,000 PSI COMPRESSIVE STRENGTH.
3. PRECAST REINFORCING: ASTM A615, GRADE 60.
4. PROVIDE MINIMUM 8" BEARING BOTH ENDS.
5. POUR PRECAST LINTEL AND MASONRY ABOVE MONOLITHICALLY.
6. LINTEL WIDTH IS 7 5/8" UNLESS OTHERWISE NOTED.
7. E+CIP = TYPE E PRECAST LINTEL WITH CAST-IN-PLACE CONCRETE ABOVE INSTEAD OF FILLED MASONRY. CONCRETE TO BE 3,000 PSI.
8. SHORE LINTELS OVER 12 FEET LONG FOR 14 DAYS.

2 TYPICAL MASONRY LINTELS
1" = 1'-0"



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DWG. NAME: TYPICAL CMU WALL DETAILS

SCALE: VARIES

PROJECT NAME:
FULLER RESIDENCE
LAKE CITY, FLORIDA

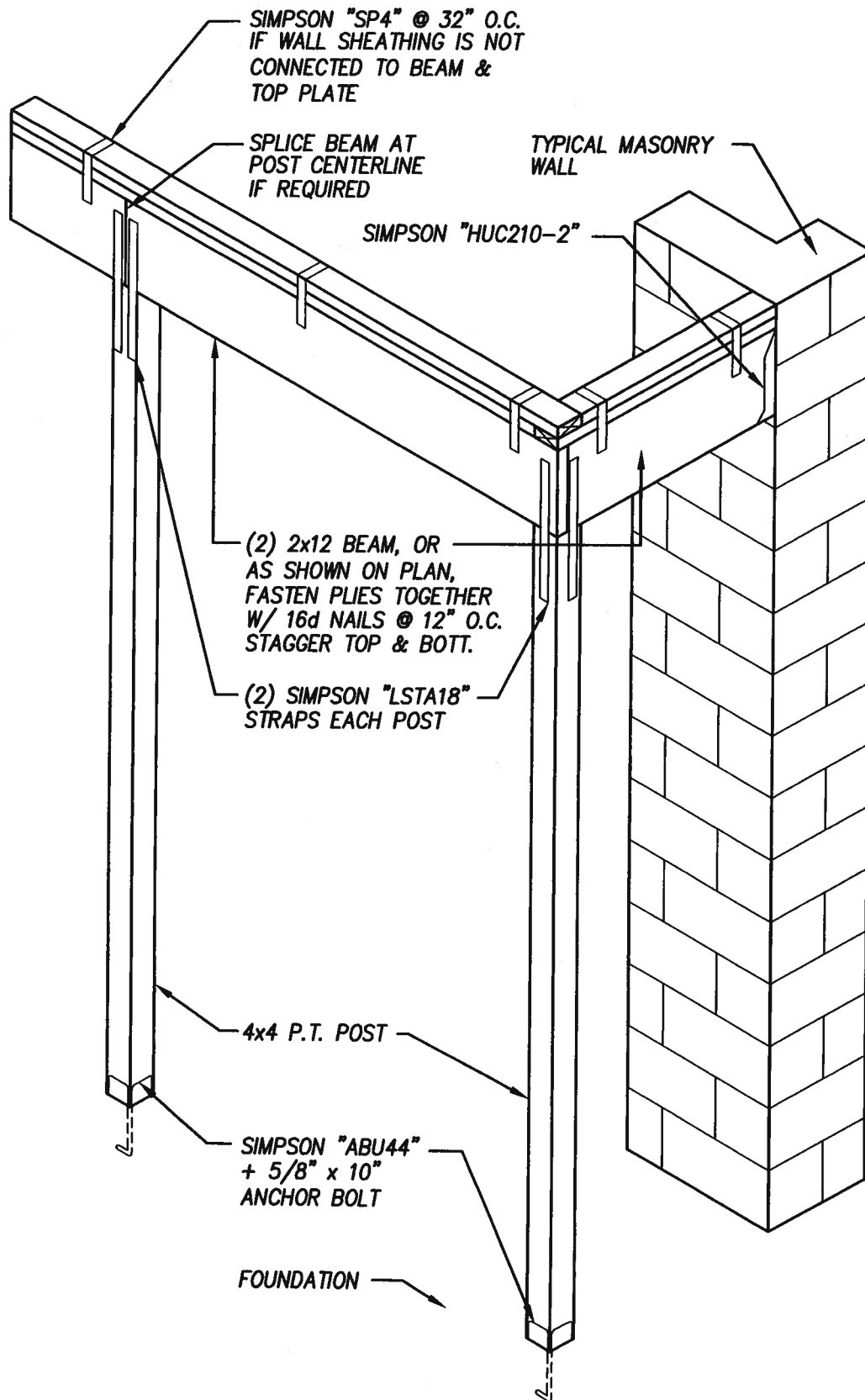
PROJECT NO: 06068

DRAWN BY: GSW

DATE: 7/17/2006

DWG NO.

CMU2

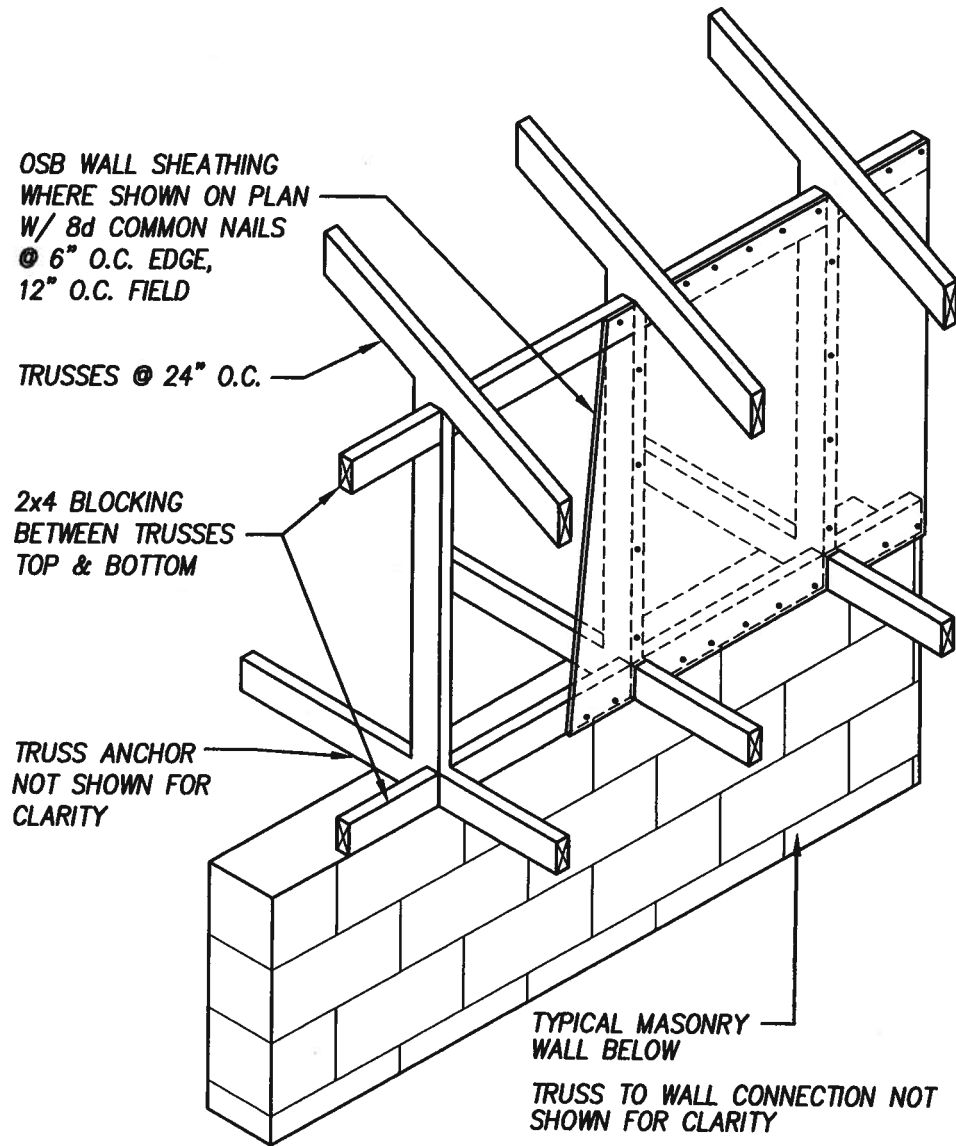


A

Typical Post & Beam

1/2" = 1'-0"

WOOD-W500A



B

Typical Truss Blocking

1/2" = 1'-0"

WOOD-W402A

Simpson Anchor	Upward Loads		Lateral Loads		Downward Loads
	(133)	(160)	F1	F2	
META16	1450	1450	335	635	
HETA16	1805	1810	335	730	
H2.5A	520	535	110	110	
HGT-2	6485	6485			

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Project Name: FULLER RESIDENCE			Page: 10
WSE Project Number: 06068		For:	
Project Location: Lake City, Columbia County, Florida			

TRUSS UPLIFT CALCULATIONS

A. LOADS

1. Dead Load

- a. Top Chord
- b. Bottom Chord
- c. Total
- d. Resisting Uplift

TC DL =	10	psf
BC DL =	10	psf
DL =	20	psf
Dlu =	8	psf
R =	20	psf
F =	0	psf

3. Roof Live Load
4. Floor Live Load

5. Wind

Basic Wind Speed	110	mph
Exposure Category	B	
Importance Factor	1.0	
Pressure Coefficients	+0.18 / -0.18	

Uplift Pressures

	Tributary Area (sf)				
	10	20	50	100	700
u1 =	19.9	19.4	18.6	18.1	16.0
u2 =	42.1	38.2	33.0	29.1	23.1
u3 =	40.6	40.6	40.6	40.6	23.1

B. COMMON TRUSS

1. Span
2. Overhang Left
3. Overhang Right
4. Floor Width
5. Spacing
6. Tributary Area
7. Slope
8. Reactions

L =	37.67	ft
OHL =	2.00	ft
OHR =	3.83	ft
w =	0.00	ft (centered in span)
s =	2.00	ft
A =	87	sf
	6.00	/12

u1 =	18.1
u2 =	29.1
u3 =	40.6

a =	3.00	ft
a1l =	1.00	ft
a1r =	0.00	ft
bl =	14.84	ft
br =	15.84	ft

Dead Load for Uplift		Dead Load		Live Load	
Rudl =	331	lb	Rdl =	828	lb
Rudr =	365	lb	Rdr =	912	lb
Gross Uplift		Net Uplift			
Ugl =	920	lb	Unl =	589	lb
Ugr =	1071	lb	Unr =	706	lb

USE **SIMPSON "META16" EACH END**

U = 1450 lb

C. TYPICAL GIRDER TRUSS

1. Span
2. Overhang Left
3. Overhang Right
4. Floor Width
5. Spacing
6. Tributary Area
7. Slope
8. Reactions

L =	37.67	ft
OHL =	2.00	ft
OHR =	3.83	ft
w =	0.00	ft (centered in span)
s =	4.50	ft
A =	196	sf
	6.00	/12

u1 =	18.1
u2 =	29.1
u3 =	40.6

a =	3.00	ft
a1l =	1.00	ft
a1r =	0.00	ft
bl =	14.84	ft
br =	15.84	ft

Dead Load for Uplift		Dead Load		Live Load	
Rudl =	745	lb	Rdl =	1862	lb
Rudr =	821	lb	Rdr =	2053	lb
Gross Uplift		Net Uplift			
Ugl =	2071	lb	Ugl =	1326	lb
Ugr =	2409	lb	Ugr =	1588	lb

USE **SIMPSON "HETA16" EACH END**

U = 1810 lb

D. TYPICAL PORCH TRUSS

1. Span
2. Overhang Left
3. Overhang Right
4. Floor Width
5. Spacing
6. Tributary Area
7. Slope
8. Reactions

L =	6.67	ft
OHL =	2.00	ft
OHR =	0.00	ft
w =	0.00	ft (centered in span)
s =	2.00	ft
A =	17	sf
	6.00	/12

u1 =	19.4
u2 =	38.2
u3 =	40.6

a =	3.00	ft
a1l =	1.00	ft
a1r =	3.00	ft
bl =	-0.67	ft
br =	-2.67	ft

Dead Load for Uplift		Dead Load		Live Load	
Rudl =	90	lb	Rdl =	225	lb
Rudr =	49	lb	Rdr =	121	lb
Gross Uplift		Net Uplift			
Ugl =	489	lb	Ugl =	399	lb
Ugr =	308	lb	Ugr =	260	lb

USE **SIMPSON "META16" EACH TRUSS TO MASONRY**

U = 1450 lb

USE **SIMPSON "H2.5" EACH TRUSS TO EAVE BEAM**

U = 535 lb

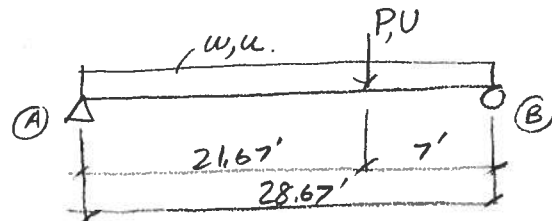
WAYLAND STRUCTURAL ENGINEERING		Date: 7/17/2006
Gregory S. Wayland, PE	FL PE #54396	By: GSW
8200 SW 16th Place Gainesville, FL 32607	Ph/Fax 352-331-0727	Page: 11
Project Name: FULLER RESIDENCE		For:
WSE Project Number: 08068		
Project Location: Lake City, Columbia County, Florida		

GIRDER TRUSS AT GARAGE (GT-5)

$$\begin{aligned}
 W &= 828 \text{ plf} \\
 U &= (589/2)(16/18.1) = 260 \text{ plf} \\
 P &= 1862 \times 2 = 3724 \text{ lb.} \\
 U &= 1326 \times (16/18.1) = 1172 \text{ lb.}
 \end{aligned}$$

$$\begin{aligned}
 R_A &= 12,778 \text{ lb.} & R_B &= 14,684 \text{ lb.} \\
 U_A &= 4013 \text{ lb.} & U_B &= 4613 \text{ lb.}
 \end{aligned}$$

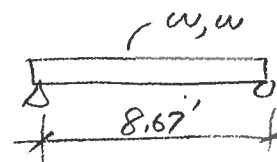
∴ USE SIMPSON "HGT-2" for 2 PLY
OR SIMPSON "HGT-3" for 3 PLY



GIRDER TRUSS AT MASTER BATH (GT-3)

$$\begin{aligned}
 W &= 828 \text{ plf} \\
 U &= 260 \text{ plf} \\
 R &= 828(8.67/2) = 3589 \text{ lb} \\
 U &= 260(8.67/2) = 1127 \text{ lb.}
 \end{aligned}$$

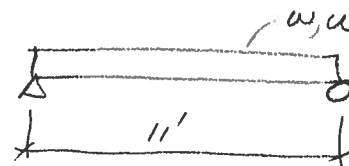
∴ USE SIMPSON "HETA16"



WOOD PORCH BEAM/POST

$$\begin{aligned}
 W &= 225 \text{ plf} \\
 U &= 399/2 = 200 \text{ plf} \\
 V &= 225(11/2) = 1238 \text{ lb} & U &= 200(11/2) = 1100 \text{ lb.} \\
 M &= 1/8(225)11^2 \times 12 = 40838 \text{ in-lb.} \\
 A &= 1238/(90 \times 1.25) = 11.0 \text{ in}^2 \\
 S &= 40838/(975 \times 1.25) = 33.5 \text{ in}^3
 \end{aligned}$$

∴ USE (2) 2X10 BEAM (NO. 2 SP)
W/ (2) SIMPSON "LSTA18" EACH POST
W/ 4X4 P.T. POST
W/ SIMPSON "ABU44" + 5/8" X 10" A.B.



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Project Name: FULLER RESIDENCE		For:	
WSE Project Number: 06068			
Project Location: Columbia County, Florida			

A. UPLIFT CHECKS

1. BOND BEAM CHECK (upward bending)

Vertical bar spacing $s = 6.00$ ft
Gross uniform uplift load $ug = -353$ plf (worst case from truss engineering)
Bond beam weight $wd = 42$ plf (one course high x 8 inches wide)
Calculated net uniform uplift load $un = -311$ plf

	Calc'd	Supplied	
Maximum net shear (kips) $U =$	0.93	2.16	OK
Maximum net moment (kip-in) $M =$	16.8	25.5	OK

*** USE ONE COURSE HIGH x 8 INCH WIDE MASONRY BOND BEAM WITH (1) #5 CONTINUOUS TOP**

2. VERTICAL BAR CHECK (upward tension)

Allowable reinforcing tension $F_s = 20,000$ psi
Stress increase for wind $C_w = 1.33$

	* Calc'd Uplift (kips)	Vertical Reinforcing		** Supplied Uplift (kips)	
		Quantity	Size (#)		
For typical common trusses,	1.866	1	5	8.161	OK
For girder trusses, GT-1	1.588	1	5	8.161	OK
GT-2	1.588	1	5	8.161	OK
GT-3	1.127	1	5	8.161	OK
GT-4	1.588	1	5	8.161	OK
GT-5	4.613	1	5	8.161	

* uplift values taken from truss engineering.

** includes stress increase for wind.

USE (1) #5 VERTICAL BAR @ 6'-0" O.C. MAX, AT GIRDER BEARING LOCATIONS, (2) #5 AT GARAGE JAMB.

3A. WALL + FOOTING + SOIL WEIGHT CHECK (uplift at common trusses)

Wall height	hw = 10.00 ft	Resisting Weight	
Wall thickness	tw = 8 in	Supplied	
Wall unit weight	ww = 52 psf		
Bond beam height	hbb = 8 in	Bond beam	58
Bond beam unit weight	wbb = 130 psf	Wall	485
Footing thickness	tf = 20 in	Footing	333
Footing width	bf = 16 in	Soil (inside)	0
Footing depth below slab	df1 = 20 in	Soil (outside)	-22
Footing depth below grade	df2 = 12 in		
Soil unit weight	ws = 100 psf	Wr =	854 plf

Safety Factor Against Uplift $SF = 1.00$
Gross uniform uplift load $ug = 353$ plf
Required Resisting Weight, $Wr = SF \cdot ug$ **353 plf** OK

USE MINIMUM 8" THICK MASONRY WALL WITH 16"W X 20"D FOOTING WITH (3) #6 BARS CONTINUOUS.

3B. WALL + FOOTING + SOIL WEIGHT CHECK (uplift at girder truss bearing points and columns)

Girder Truss or Column	Downward Load (lb)	Uplift Load (lb)	Adjacent Uplift Load (plf)	*Required Uplift Load (lb)	**Resisting Weight (lb)	Rqd Footing ***Weight (lb)	Rqd Concrete Volume (cf)	Footing Thickness (in)	Min. Square Footing (ft)
GT-1	4,106	1,588	353	4,059	6,834	-2775	-16	10	0.0
GT-2	4,106	1,588	353	4,059	6,834	-2775	-16	10	0.0
GT-3	3,589	1,127	353	3,598	6,834	-3236	-19	10	0.0
GT-4	4,106	1,588	353	4,059	6,834	-2775	-16	10	0.0
GT-5	14,684	4,613	353	7,084	6,834	250	4	10	2.2

** Resisting weight equals weight of wall, footing, soil for 4 feet each side of load point.

*** Required footing weight equals weight required in addition to 10" x 20" footing.

WAYLAND STRUCTURAL ENGINEERING			Date: 7/17/2006
Gregory S. Wayland, PE		FL PE #54396	By: GSW
8200 SW 16th Place Gainesville, FL 32607		Ph/Fax 352-331-0727	Page: 13
Project Name: FULLER RESIDENCE			For: 0
WSE Project Number: 06068			0
Project Location: Columbia County, Florida			0

B. LINTELS

1. TYPICAL LINTELS (with uniform load only)

	Unit Load (psf)	Trib. Width (ft)	Uniform Load (kips/ft)	Load Factor	Factored Uniform Load (kips/ft)	
Roof Dead Load	15	20.83	0.312	1.40	0.437	
Wall Dead Load	87	1.33	0.116	1.40	0.162	
Roof Live Load	16	20.83	0.333	1.70	0.567	
Roof Attic Load	10	20.83	0.208	1.70	0.354	
		w =	0.970	wu =	1.520	
*Uplift Load			0.353	1.60	0.565	(*from truss engineering)

Lintel Span	L =	4.67	6.33					ft
Unfactored Reaction	R =	2.26	3.07					kips
Unfactored Net Uplift Reaction	Unet =	0.66	0.90					kips
Factored Uplift Moment	Munet =	0.77	1.42					kip-ft
Factored Shear	Vu =	3.55	4.81					kips
Factored Design Shear	Vud =	1.78	3.04					kips
Factored Moment	Mu =	4.14	7.61					kip-ft
Select Lintel		TYPE A	TYPE B					
		FILLED/ W	FILLED/ W					
		1 COURSE	1 COURSE					
		MASONRY	MASONRY					

2. 3'-4" WINDOW LINTEL (with girder truss GT-1 bearing)

Lintel Span, L = 3.33 ft

	Unit Load (psf)	Trib. Width (ft)	Uniform Load (kips/ft)	Load Factor	Factored Uniform Load (kips/ft)
Uniform Load #1					
Roof Dead Load	15	20.83	0.312	1.40	0.437
Wall Dead Load	87	1.33	0.116	1.40	0.162
Roof Live Load	16	20.83	0.333	1.70	0.567
Roof Attic Load	10	20.83	0.208	1.70	0.354
		w1 =	0.970	wu1 =	1.520
Uplift Load			0.353	1.60	0.565

Uniform Load #2

Roof Dead Load	15	5.50	0.083	1.40	0.116
Wall Dead Load	87	1.33	0.116	1.40	0.162
Roof Live Load	16	5.50	0.088	1.70	0.150
Roof Attic Load	10	5.50	0.055	1.70	0.094
		w2 =	0.341	wu2 =	0.521
Uplift Load			0.097	1.60	0.155

Point Load

	Point Load (kips)	Load Factor	Factored Uniform Load (kips)	Distance From Left (ft)	Distance From Right (ft)
Dead Load	1.862	1.40	2.61		
Live Load	1.862	1.70	3.17		
P =	3.724		Pu = 6.77	1.67	1.66
Uplift Load	1.588	1.60	2.54	1.67	1.66

		Left End	Right End	
Unfactored Reaction	R =	3.21	2.70	kips
Unfactored Net Uplift Reaction	Unet =	1.16	0.95	kips
Factored Shear	Vu =	4.99	4.18	kips
Factored Design Shear	Vud =	3.22	3.67	kips

Factored Moment (due to P)	Mu1 =	4.81	kip-ft @	1.67	ft
(due to w1)	Mu2 =	1.19	kip-ft @	1.25	ft
(due to w2)	Mu3 =	0.40	kip-ft @	2.08	ft
	Mu =	6.08	kip-ft		

USE TYPE A FILLED WITH ONE COURSE MASONRY

WAYLAND STRUCTURAL ENGINEERING			Date: 7/17/2006
Gregory S. Wayland, PE	FL PE #54396	FL COA #8236	By: GSW
8200 SW 16th Place Gainesville, FL 32607	Ph/Fax 352-331-0727		Page: 14
Project Name: FULLER RESIDENCE			For: 0
WSE Project Number: 06068			0
Project Location: Columbia County, Florida			0

3. 10'-0" GARAGE DOOR LINTEL (with girder truss GT-5 bearing) Lintel Span, L = 10.00 ft

	Unit Load (psf)	Trib. Width (ft)	Uniform Load (kips/ft)	Load Factor	Factored Uniform Load (kips/ft)
Uniform Load #1					
Roof Dead Load	15	16.33	0.245	1.40	0.343
Wall Dead Load	87	1.33	0.116	1.40	0.162
Roof Live Load	16	16.33	0.261	1.70	0.444
Roof Attic Load	10	16.33	0.163	1.70	0.278
		w1 =	0.785	wu1 =	1.227
Uplift Load			0.201	1.60	0.322

Uniform Load #2					
Roof Dead Load	15	5.50	0.083	1.40	0.116
Wall Dead Load	87	1.33	0.116	1.40	0.162
Roof Live Load	16	5.50	0.088	1.70	0.150
Roof Attic Load	10	5.50	0.055	1.70	0.094
		w2 =	0.341	wu2 =	0.521
Uplift Load			0.096	1.60	0.154

	Point Load (kips)	Load Factor	Factored Uniform Load (kips)	Distance From Left (ft)	Distance From Right (ft)
Point Load					
Dead Load	7.342	1.40	10.28		
Live Load	7.342	1.70	12.48		
	P =	14.684	Pu =	22.76	
Uplift Load		4.613	1.60	7.38	3.67

	Left End	Right End	
Unfactored Reaction	R = 12.33	7.39	kips
Unfactored Net Uplift Reaction	Unet = 3.37	1.90	kips
Factored Shear	Vu = 19.13	11.43	kips
Factored Design Shear	Vud = 17.69	10.82	kips

Factored Moment (due to P)	Mu1 = 52.87	kip-ft @	3.67	ft
(due to w1)	Mu2 = 5.51	kip-ft @	3.00	ft
(due to w2)	Mu3 = 4.87	kip-ft @	5.67	ft
	Mu = 61.00	kip-ft		

***USE TYPE E FILLED WITH 4 COURSES MASONRY (MIN. 32" HIGH)**

WAYLAND STRUCTURAL ENGINEERING			Date: 7/17/2006
Gregory S. Wayland, PE	FL PE #54396	FL COA #8236	By: GSW
8200 SW 16th Place Gainesville, FL 32607	Ph/Fax 352-331-0727		Page: 15
Project Name: FULLER RESIDENCE	For:	0	
WSE Project Number: 06068		0	
Project Location: Columbia County, Florida		0	

C. HORIZONTAL FORCES ON WALLS & TRUSSES

1. TYPICAL WALL

Wall height	10.00	ft	
Wind pressure	22.6	psf	(Zone 5)
Uniform lateral load	113	plf	(Top & Bottom of Wall)
Lateral force on Truss	226	lb/truss	(Based on 2 ft. spacing, perpendicular to wall)

WAYLAND STRUCTURAL ENGINEERING		Date: 7/17/2006
Gregory S. Wayland, PE	FL PE #54396	By: GSW
8200 SW 16th Place Gainesville, FL 32607	Ph/Fax 352-331-0727	Page: 16
Project Name: FULLER RESIDENCE		For: 0
WSE Project Number: 06068		0
Project Location: Columbia County, Florida		0

D. LATERAL ANALYSIS

1. Building Data

Building Length L = 75.67 ft
 Building Width B = 65.33 ft
 Eave Height he = 10.00 ft
 Peak ht above eave hp = 11.33 ft
 Roof Slope a = 6 /12

2. Edge Zone

a = 0.10*B = 6.53 ft
 a = 0.40*h = 4.00 ft
 a = 4.00 ft
 a = 0.04*B = 2.61 ft
 a = 3.00 ft
 a = 4.00 ft

3. End Zone

z = 2*a = 8.00 ft

4. LONGITUDINAL DIRECTION

Exposure Category B
 Adjustment Coefficient 1.00
 MWFRS Wind Pressures:
 Wall Interior Zone 12.7 psf
 Wall End Zone 19.2 psf
 Roof Interior Zone -5.9 psf
 Roof End Zone -10.0 psf

Wall Shear Force:

Interior 3.13 kips
 End 1.54 kips
 Total 4.67 kips

Roof Shear Force:

Interior -2.23 kips
 End -0.32 kips
 Total -2.55 kips
 Use 0.00 kips

Total Shear Force:

V = 4.67 kips

Roof Truss Lateral Load: (perpendicular to truss)

Load per truss v = 62 lb/truss

Roof Diaphragm Check:

Diaphragm shear v = 31 plf
 Allowable shear v = 240 plf
 check OK

Shear Wall Check:

Shear wall length d = 6.00 ft
 Shear wall height h = 10.00 ft
 Shear wall effective thickness be = 2.50 in
 Masonry strength fm = 1500 psi
 Actual Shear V = 2.33 kips
 Overturning moment M = 23.34 kip-ft
 Actual shear stress fv = 13.0 psi
 check OK

Allowable shear stress

M/V*d

M/V*d >= 1.0

Allowable shear stress

1.67
 YES
 Fv1 = 38.73 psi
 Fv2 = 35.00 psi
 Fv = 35.00 psi

5. TRANSVERSE DIRECTION

MWFRS Wind Pressures:

Wall Interior Zone 17.7 psf
 Wall End Zone 26.6 psf
 Roof Interior Zone -3.9 psf
 Roof End Zone -7.0 psf

Wall Shear Force:

Interior 5.28 kips
 End 2.13 kips
 Total 7.41 kips

Roof Shear Force:

Interior -1.78 kips
 End -0.22 kips
 Total -2.01 kips
 Use 0.00 kips

Total Shear Force:

V = 7.41 kips

Roof Truss Lateral Load: (perpendicular to truss)

Load per truss v = 113 lb/truss

Roof Diaphragm Check:

Diaphragm shear v = 57 plf
 Allowable shear v = 240 plf
 check OK

USE 15/32" OSB SHEATHING GRADE W/ 8d NAILS @ 6" O.C. EDGE, 12" O.C. FIELD

PROVIDE 15/32" OSB TRUSS BLOCKING AT PORCHES, MIN. 8 FT. LONG EACH CORNER

Shear Wall Check:

Shear wall length d = 7.00 ft
 Shear wall height h = 10.00 ft
 Shear wall effective thickness be = 2.50 in
 Masonry strength fm = 1500 psi
 Actual Shear V = 3.70 kips
 Overturning moment M = 37.04 kip-ft
 Actual shear stress fv = 17.6 psi
 check OK

Allowable shear stress

M/V*d

M/V*d >= 1.0

Allowable shear stress

1.43
 YES
 Fv1 = 38.73 psi
 Fv2 = 35.00 psi
 Fv = 35.00 psi

USE 8" CMU W/ TYPE S MORTAR, FACE SHELL BEDDING, GROUT ONLY AT REINFORCED CELLS.

Notice of Treatment

12293

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: Bay Ave

City: Lake City

Phone: 752-1703

Site Location: Subdivision

Lot # 3

Block#

Permit # 24946

Address: 414 SW Bedrock

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Exterior Perimeter

N/A

292

600

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

If this notice is for the final exterior treatment, initial this line DP

2/22/07

Date

0800

Time

F254 GUNNAY

Print Technician's Name

Remarks:

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

Notice of Treatment 12293

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 13414 Ave
City: Lake City Phone: 752-1703

Site Location: Subdivision _____

Lot # 3 Block# _____ Permit # 24946

Address: 414 SW Bedrock St

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

☐ Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

☐ Termidor	Fipronil	0.12%
-----------------------------------	----------	-------

☒ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
---	----------------------------------	-------

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

2470

884

8

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

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

2/22/07
Date

0800
Time

F254 Gunnill
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

12293

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: Bayville

City: Lake City Phone: 752-1703

Site Location: Subdivision Southern Hills

Lot # 3 Block# Permit # 24946

Address 414 SW Bedrock

Product used

Active Ingredient

% Concentration

☒ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling Main Body	4000	286	200

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

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

12/02/06 0800 F254 GUNNY
Date Time Print Technician's Name

Remarks: DOES NOT INCLUDE PORCHES - TO BE DONE LATER

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

12293

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: BAVA AVE

City LAKE CITY FL Phone 386-752-1703

Site Location: Subdivision Southern Hills

Lot # 3 Block# Permit # 24946

Address 414 SW BROCK

Product used

Active Ingredient

% Concentration

- | | | |
|---|----------------------------------|-------|
| ☒ Premise | Imidacloprid | 0.1% |
| ☐ Termidor | Fipronil | 0.12% |
| ☐ Bora-Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling Portches

1396

348

100 gals

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

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

12/13/06
Date

12:00
Time

F-254 "Bunny"
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: BAYVIEW
City: LOCKHART Phone: 752-1203

Site Location: Subdivision MASON CITY
Lot # 49 Block# 2399.6 Permit # 2399.6
Address 206 CAVALRY ROAD

Product used	Active Ingredient	% Concentration
--------------	-------------------	-----------------

☐ Premise	Imidacloprid	0.1%
----------------------------------	--------------	------

☐ Termidor	Fipronil	0.12%
-----------------------------------	----------	-------

☒ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
---	----------------------------------	-------

Type treatment: ☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Dwelling</u>	<u>2988</u>	<u>824</u>	<u>7</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

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

9-15-06 0830 F254 GUNNY
Date Time Print Technician's Name

Remarks: _____

Applicator - White

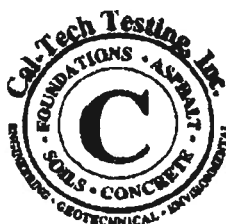
Permit File - Canary

Permit Holder - Pink

10/05



* 24946

**Cal-Tech Testing, Inc.**

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1025 • Lake City, FL 32056-1025 • Tel(386)755-3833 • Fax(386)752-8466

8819 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)282-4046 • Fax(904)252-4047

2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 06-684

DATE TESTED: 12/8/06

DATE REPORTED: 12/14/06

PROJECT:	Fuller Residence
CLIENT:	Percival Fuller, 414 SW Bedrock St., Lake City, FL 32024
GENERAL CONTRACTOR:	Percival Fuller
EARTHWORK CONTRACTOR:	Percival Fuller
INSPECTOR:	Joe Janosh
ASTM METHOD	SOIL USE
(D-2922) Nuclear	BASE COURSE
SPECIFICATION REQUIREMENTS: 95%	

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	12' South and 15' East of NW Corner	12"	123.2	5.2	117.1	1	120.0	97.6%
2	12' North and 15' East of SW Corner	12"	123.8	5.3	117.6	1	120.0	98.0%
3	15' South and 17' West of NE Corner	12"	124.1	5.1	118.1	1	120.0	98.4%
4	15' North and 17' West of SE Corner	12"	124.5	5.2	118.3	1	120.0	98.6%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Lt. Tan Fine Sand w/ Trace of Clay (Mayo Pit)	120.0	11.9	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

PRELIMINARY

Linda M. Creamer
President - CEO

Date:
Florida Registration No:

06

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SZ1215-Z0819150848

Truss Fabricator: W.B. Howland
Job Identification: 3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL
Truss Count: 43
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.25.
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 - 32.0 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: HCUSR215

Details: BRCLBSUB-A11015EE-GBLLETIN-

Seal Date: 07/19/2006

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	27136--	A1HG	06200091	07/19/06
2	27137--	A2	06200082	07/19/06
3	27138--	A3	06200083	07/19/06
4	27139--	A4	06200084	07/19/06
5	27140--	A5	06200085	07/19/06
6	27141--	A6G (3-PLY)	06200120	07/19/06
7	27142--	B1HG (2-PLY)	06200092	07/19/06
8	27143--	B2	06200093	07/19/06
9	27144--	B3	06200094	07/19/06
10	27145--	B4	06200095	07/19/06
11	27146--	B5	06200096	07/19/06
12	27147--	B6	06200097	07/19/06
13	27148--	B7	06200098	07/19/06
14	27149--	B8G	06200122	07/19/06
15	27150--	B9	06200086	07/19/06
16	27151--	B10	06200099	07/19/06
17	27152--	B11	06200100	07/19/06
18	27153--	B12G	06200123	07/19/06
19	27154--	B13	06200101	07/19/06
20	27155--	B14	06200102	07/19/06
21	27156--	B15	06200103	07/19/06
22	27157--	B16	06200104	07/19/06
23	27158--	B17	06200105	07/19/06
24	27159--	B18	06200106	07/19/06
25	27160--	B19	06200107	07/19/06
26	27161--	B20	06200108	07/19/06
27	27162--	B21	06200109	07/19/06
28	27163--	B22	06200110	07/19/06
29	27164--	B23	06200111	07/19/06
30	27165--	B24	06200112	07/19/06
31	27166--	B25	06200113	07/19/06
32	27167--	B26	06200114	07/19/06
33	27168--	B27HG (2-PLY)	06200115	07/19/06
34	27169--	BGRD1	06200121	07/19/06
35	27170--	C1GE	06200116	07/19/06
36	27171--	C2	06200087	07/19/06

#	Ref	Description	Drawing#	Date
37	27172--	C3G (2-PLY)	06200124	07/19/06
38	27173--	JC1	06200117	07/19/06
39	27174--	JC3	06200088	07/19/06
40	27175--	JC5	06200089	07/19/06
41	27176--	JE7	06200090	07/19/06
42	27177--	JH10	06200118	07/19/06
43	27178--	PB-B1	06200119	07/19/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: 1SZ1215-Z0819150848

Truss Fabricator: W.B. Howland
Job Identification: 3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL
Truss Count: 2
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.25.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 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: HCUSR215

Seal Date: 07/19/2006

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	27160--B19		06200107	07/19/06
2	27163--B22		06200110	07/19/06

ALPINE



Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

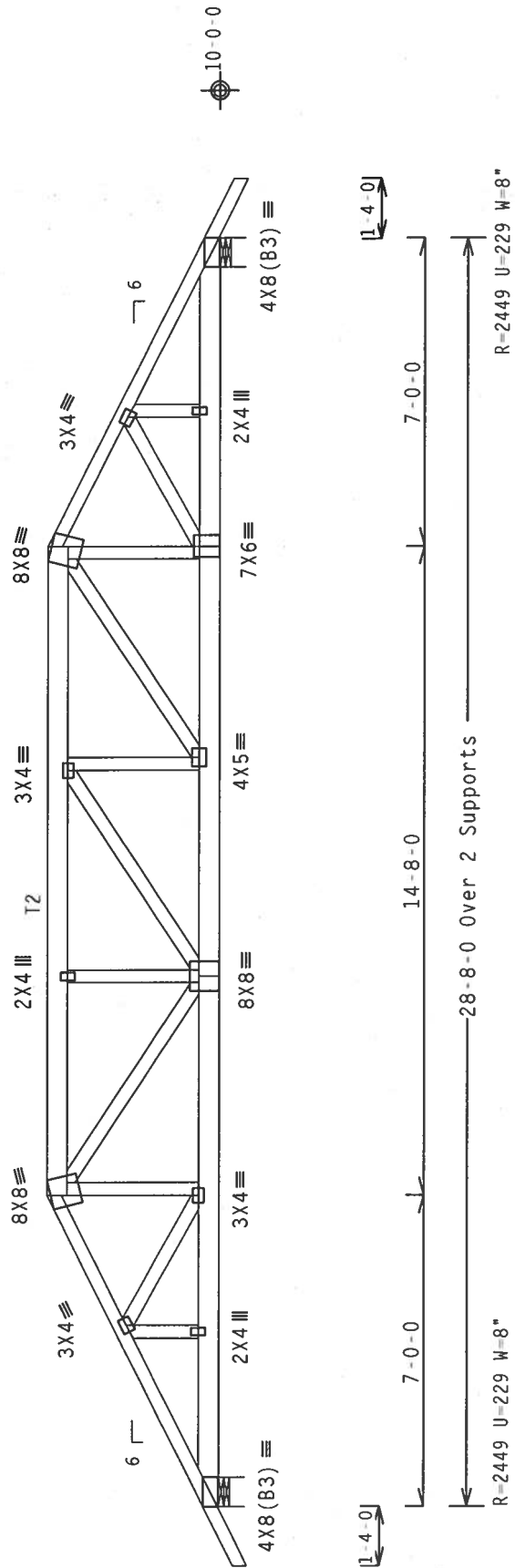
#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

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

The overall height of this truss excluding overhang is 3-10-3.

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

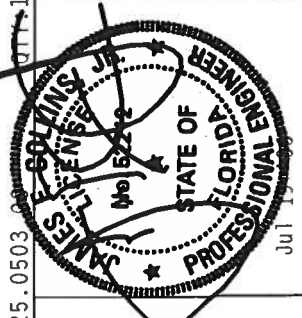
Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.



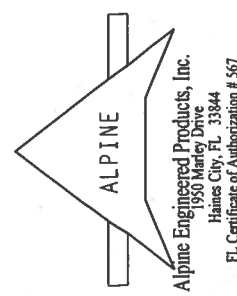
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0503

PLT TYP. Wave	Scale = .25" / Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R215 -- 27136
DATE	07/19/06
DRW	HCUSR215 06200091
HC-ENG	RA/WHK
SEQN-	122357
FROM	CDM
JREF-	1SZ1215_Z08



ALPINE ENGINEERED PRODUCTS, INC. 1950 Haines Drive, Haines City, FL 33844

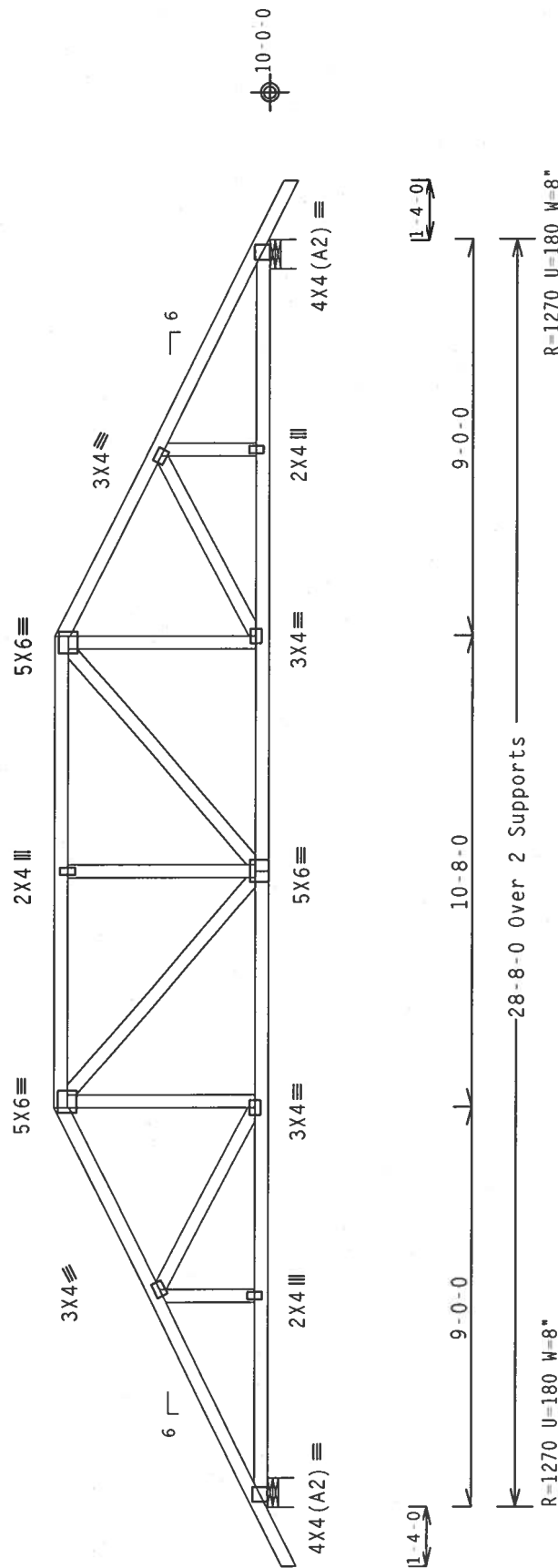


Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

The overall height of this truss excluding overhang is 4-10-3.



PLT TYP. Wave

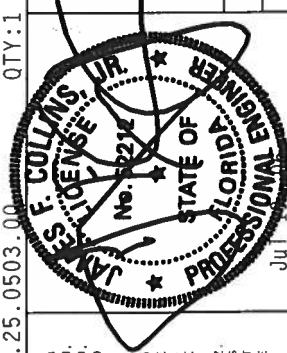
Design Crit: TPI-2002(STD)/FBC

$$Ca/RT = 1.00(1.25)/10(0) \quad 7.25.0503-00$$

QTY:1 FI / - / 5 / - / - / R / - / -

Scale = 25"/Ft

TC LL	20.0 PSF	REF	R215 - -	27137
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200082
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	126799	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	15Z1215_Z08	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY MATERIALS AND FABRICATING THE TRUSS IN CONFORMANCE WITH TPI-1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING AND BRACING OF TRUSSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INCLUDING INSTALLING & BRACING OF TRUSSES. THE TRUSS CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA. M/H/2K/ASTM A653 GRADE 50 DESIGN, POSITION PER DRAWINGS 160A. 2. PLATES TO EACH FACE OF TRUSS AND, WHEN OTHERWISE LOCATED ON THIS DESIGN, 7/16" GALV. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEXX 43 OF TPI-1 2002 SEC. 3.

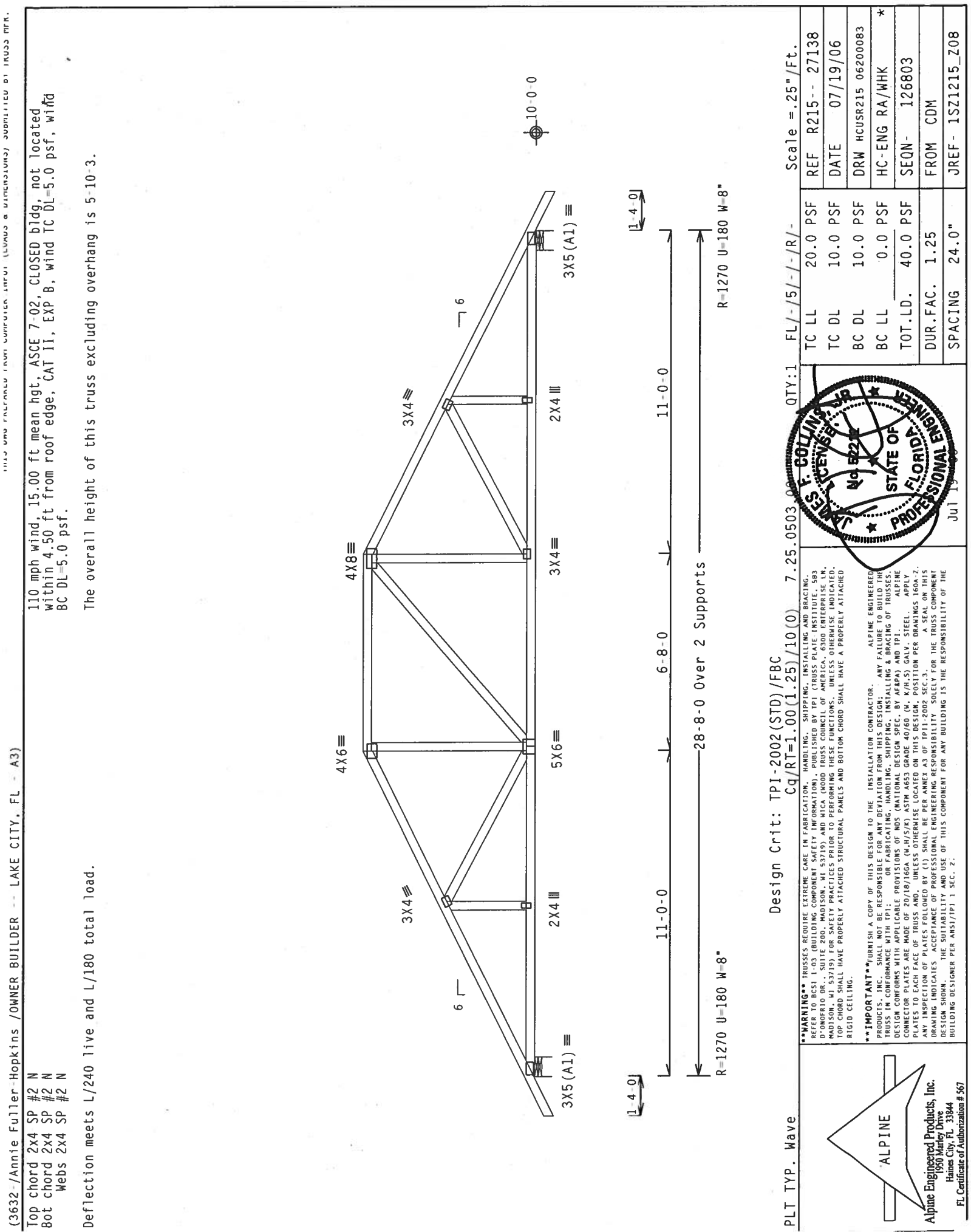
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/TPI-1 SEC. 2.



Alpine Engineered Products, Inc.

1950 Marley Drive
Haines City, FL 33844

FL. Certificate of Authorization # 567
Haines City, FL 33844



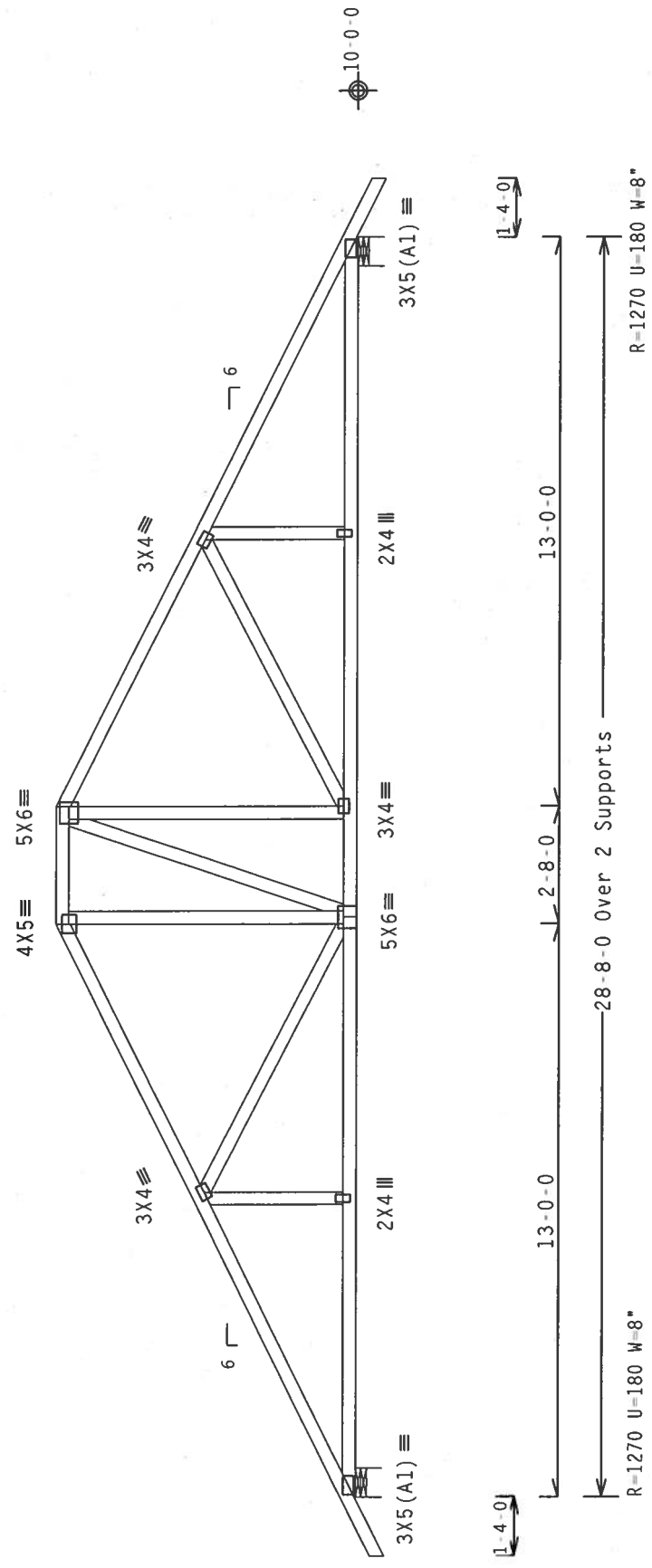
(3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - A3)		PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC		Cq/RT=1.00(1.25)/10(0)		7.25.0503.00		QTY:1		FL/-/5/-/-/R/-		Scale = .25"/Ft.	
Top chord 2x4 SP #2 N		ALPINE		D'ONOFRIO OR. - SUITE 200, MADISON, WI 53719		TC LL		20.0 PSF		REF R215-- 27138		TC DL		10.0 PSF	
Bot chord 2x4 SP #2 N		ALPINE		MADISON, WI 53719		BC DL		10.0 PSF		DATE 07/19/06		BC LL		0.0 PSF	
Webs 2x4 SP #2 N		ALPINE		TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TOT.LD.		40.0 PSF		DRW HCUSR215 06200083		DUR.FAC.		1.25	
Deflection meets L/240 live and L/180 total load.		ALPINE		**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 2018/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.		SEQN-		126803		HC-ENG RA/WHK		FROM		CDM	
		ALPINE				SPACING		24.0"		JREF-		1SZ1215_Z08			

Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

The overall height of this truss excluding overhang is 6-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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 BECS 1-032 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 593 D-ONOFRO DR., SUITE 2000, MADISON, WI 53719) AND WICA (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 TO THE CORRECT CONNECTIONS OR TO THE CORRECTING OF THE DESIGN OF THE TRUSS TO THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND STEEL. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (H, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES COLLINS JR.
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 52812

Jul 19 '06

TC LL	20.0	PSF	REF	R215 -	27139
TC DL	10.0	PSF	DATE	07/19/06	
BC DL	10.0	PSF	DRW	HCSR215	06200084
BC LL	0.0	PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0	PSF	SEQN-	126807	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	15Z1215_Z08	

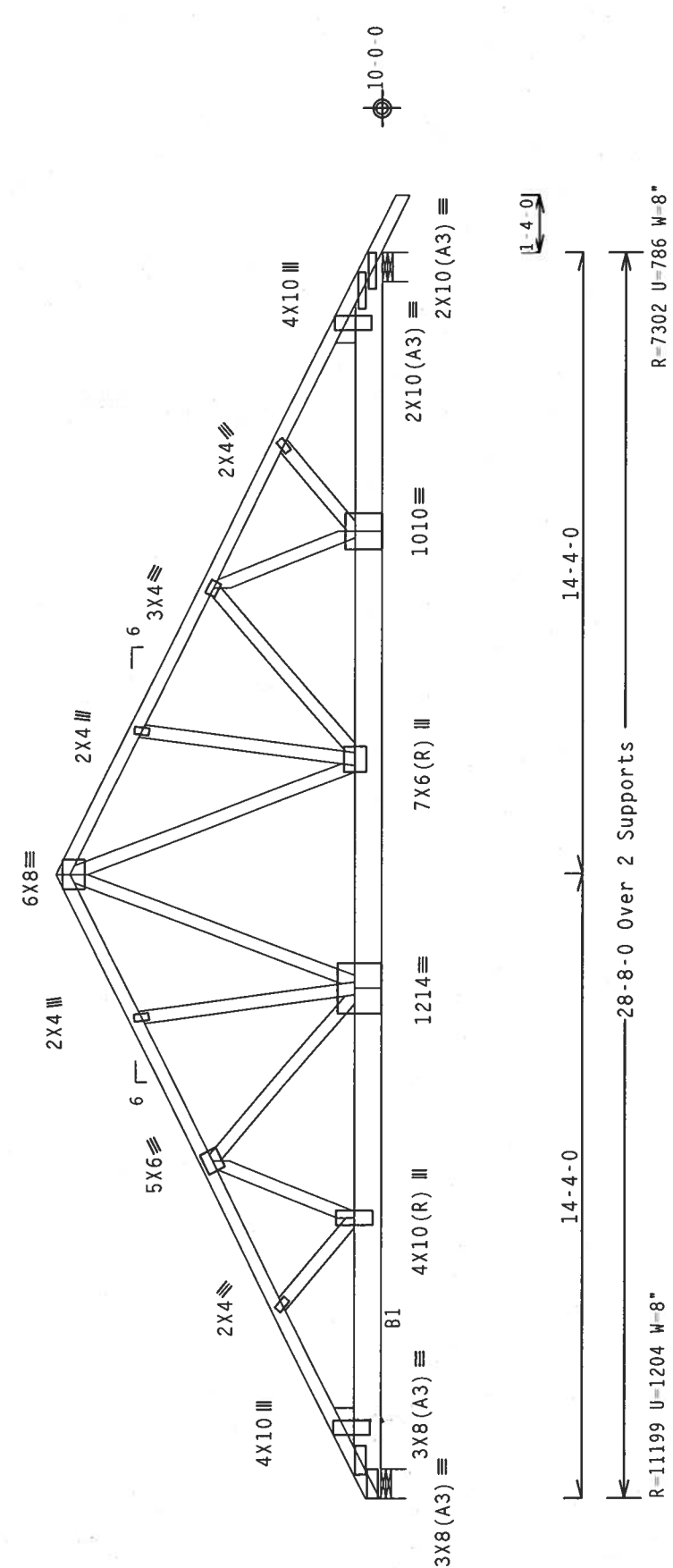
Top chord 2x4 SP #2 N
Bot chord 2x8 SP #2 N :B1 2x8 SP SS:
Webs 2x4 SP #2 N
:Lt Wedge 2x6 SP #2 N::Rt Wedge 2x6 SP #2 N:

SPECIAL LOADS

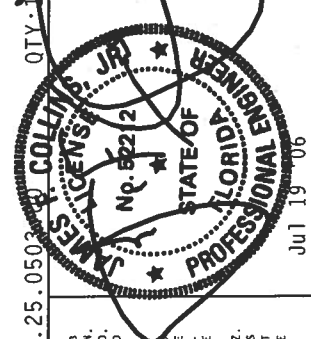
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 30.00
BC - From 20 PLF at 0.00 to 20 PLF at 28.67
BC - From 4 PLF at 28.67 to 4 PLF at 30.00
BC - 1525 LB Conc. Load at 1.60, 3.60, 5.60
BC - 1516 LB Conc. Load at 7.60
BC - 1664 LB Conc. Load at 9.60, 11.60
BC - 1656 LB Conc. Load at 13.60
BC - 1659 LB Conc. Load at 15.60, 17.60, 19.60

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" 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.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 7'-6"-3."



PLT TYP.. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503



REF	R215--	27141
DATE	07/19/06	
DRW	HCUSR215	06200120
HC-ENG	RA/WHK	
SEQN-	126868	
FROM	CDM	
JREF-	15Z1215_Z08	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TPI-2002(STD) FOR THE FOLLOWING INFORMATION: 1. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE TPI-2002(STD) AND THE NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL., 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 ENGINEERING 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. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. X/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE QUALITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineering Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Scale = .25" / Ft.

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

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.

(A) Continuous lateral bracing equally spaced on member.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right
side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.

The overall height of this truss excluding overhang is 3-10-3.

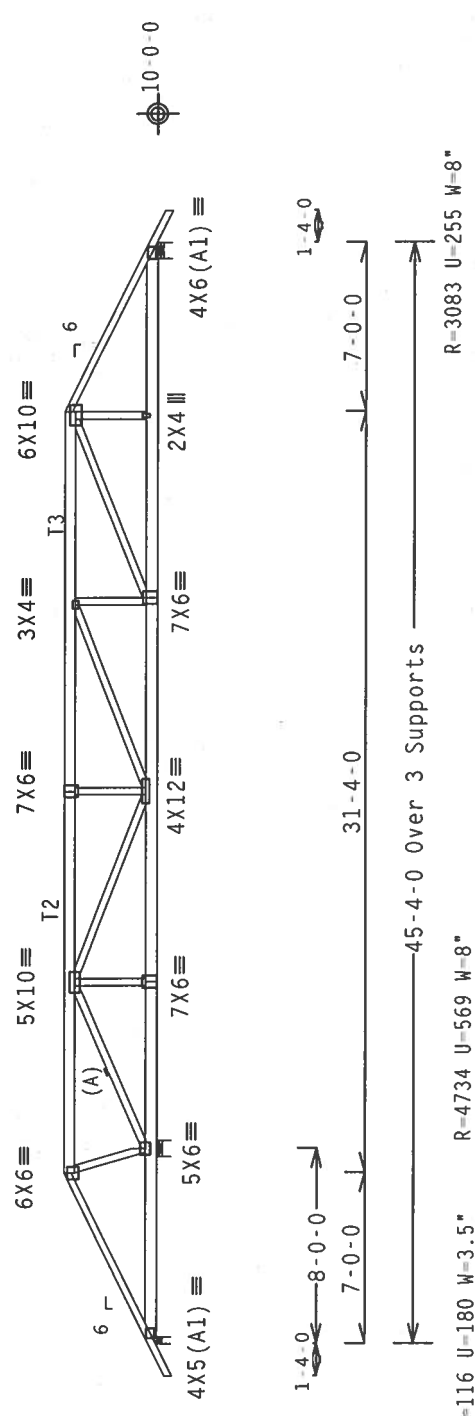
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3",_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.

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

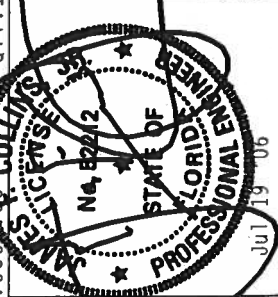
Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation
of trusses. See "WARNING" note below.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-5/-/R/-
Scale = .125"/Ft.

REF	R215--	27142
DATE	07/19/06	
DRW	HCUSR215	06200092
HC-ENG	RA/WHK	
SEQN-	122339	
FROM	CDM	
JREF-	1S21215_Z08	



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE OF THE TRUSS OR BEST BUILDING COMPONENTS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE OF THE TRUSS OR BEST BUILDING COMPONENTS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE OF THE TRUSS OR BEST BUILDING COMPONENTS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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Haines City, FL 33844
FL Certificate of Authorization # 567

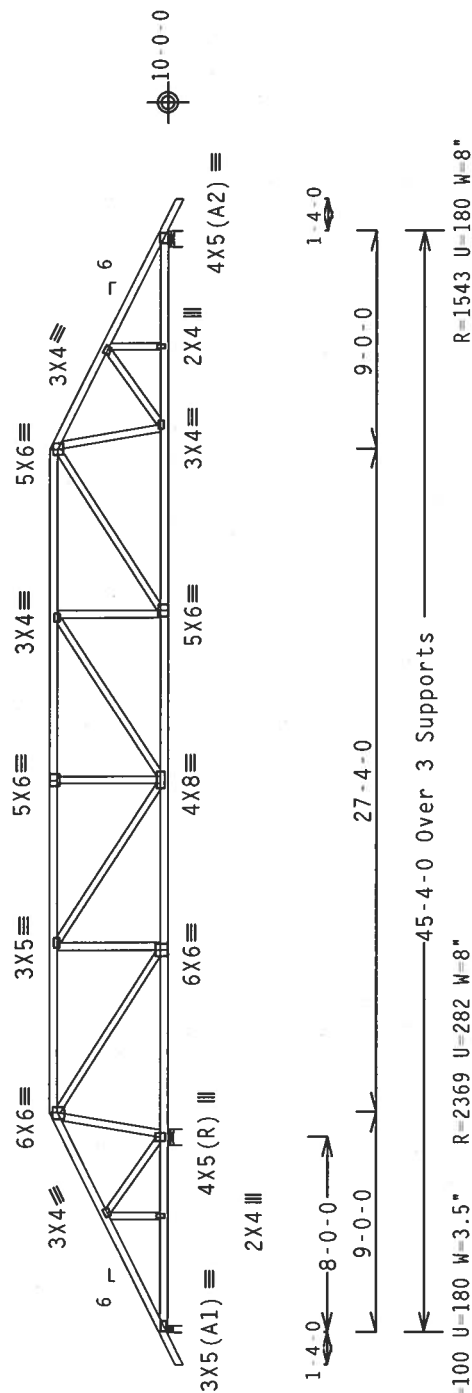
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

The overall height of this truss excluding overhang is 4-10-3.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0)$$

Scale = .125"/Ft.

QTY:1 FL/-/5/-/-/R/-

 $7.25.0503$

Scale = .125"/Ft.

[illegible]

OFF R215-- 27143

DATE 07/10/06

DATE 01/19/00

ORW HCUSR215 0620009

HC-ENG RA/WHK

SEQN- 126744

FROM CDM

REF- 187121E 709

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

FL Certificate of Authorization # 567

(3632- /Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - B3)

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

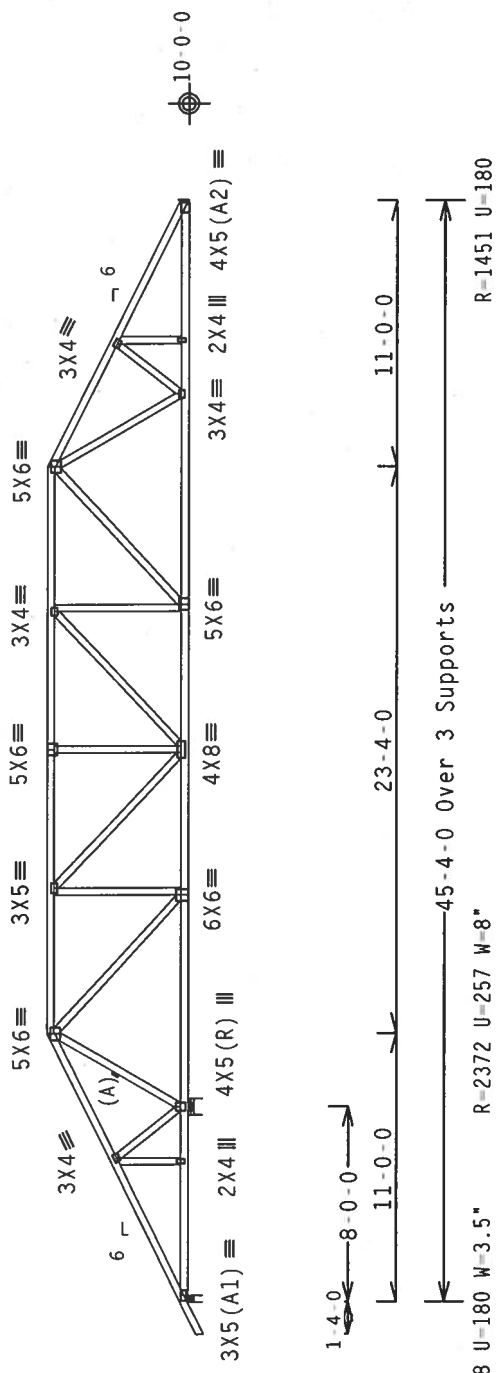
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 5-10-3.

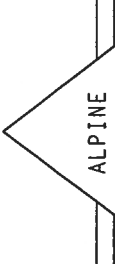


PLT TVP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0500

QTY:1	FL/-5/-/R/-	Scale =.125"/Ft.
20.0 PSF	REF R215--	27144
10.0 PSF	DATE	07/19/06
10.0 PSF	DRW	HCUSR215 06200094
0.0 PSF	HC-ENG	RA/WHK
40.0 PSF	SEQN-	126750
DUR.FAC.	FROM	CDM
SPACING	JREF-	15Z1215_Z08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 500 D'ONOFIO DR., SUITE 200, MADISON, WI 53719), AND WCA (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 (N-H/S/K) ASTM A653 GRADE 40/60 (N. 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 TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT ORIGINATOR'S USE. THIS SEAL IS NOT VALID FOR ANY OTHER USE. THE SEAL IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

(3632 -/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - B4)

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

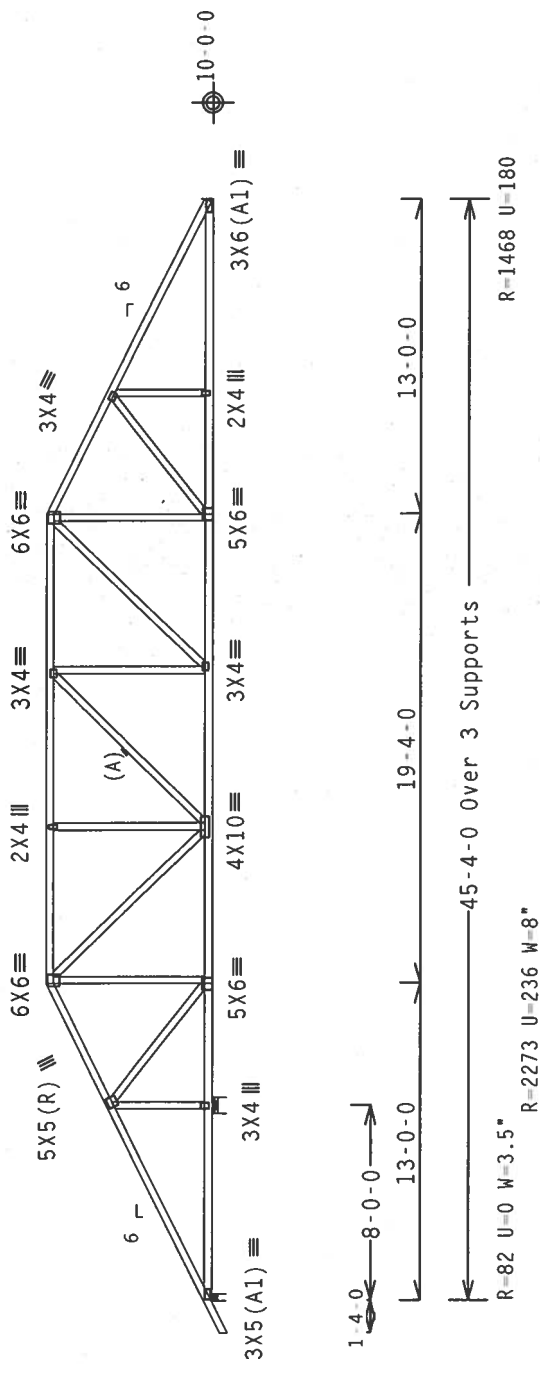
(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

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

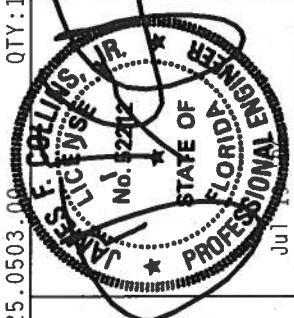
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-10-3.



Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503.00

PLT TYP. Wave	QTY:1	FL/-5/-/R/-	Scale =.125"/Ft.
REF R215-- 27145	20.0 PSF	TC LL	20.0 PSF
DATE 07/19/06	10.0 PSF	TC DL	10.0 PSF
DRW HCUSR215 06200095	10.0 PSF	BC DL	10.0 PSF
HC-ENG RA/WHK	0.0 PSF	BC LL	0.0 PSF
SEQN- 126758	40.0 PSF	TOT.LD.	40.0 PSF
FROM CDM	1.25	DUR.FAC.	1.25
JREF- 15Z1215_Z08	24.0"	SPACING	24.0"



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS SYSTEMS, INC., 10000 DR. - SUITE 200, MADISON, WI 53719, AND MCA (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. 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 2018/16GA (N/A/S/K) ASTM A553 GRADE 40/60 (N/A/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. DRAWING TOOLING (ACCEPTABLE PROFILES) SHALL BE FURNISHED BY THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPLETION AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

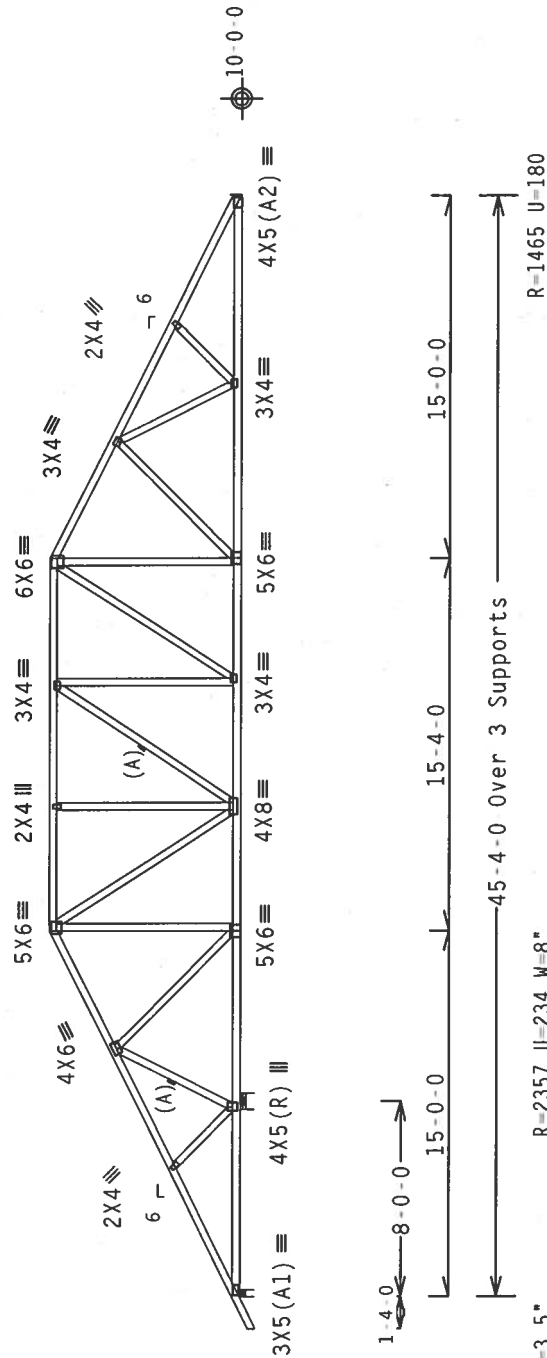
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

The overall height of this truss excluding overhang is 7'-10"-3.



$R=60$ $U=180$ $W=3.5^{\circ}$

R=2357 U=234 W=8^m

R=1465 U=180

Design Crit: $\text{TPI} - 2002(\text{STD})/\text{FBC}$ $Cq/RT=1.00(1.25)/10(0) \quad 7.25.0503.00$

QTY:1 FL/-/5/-/-/R/-

Scale = .125"/Ft.

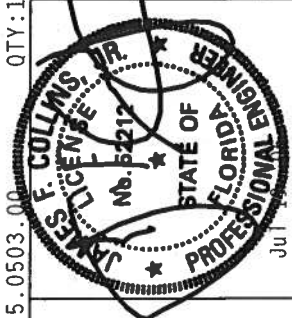
WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT TRUSS PLATE INSTITUTE, 583 D. O'NEOFIO DR., SUITE 200, MADISON, MI 48219, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 48219) FOR TRUSS 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 ENGINEERS & 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. ANY DAMAGE TO PROPERTY OR PERSONS DURING THE DESIGN, MANUFACTURE AND/OR INSTALLATION OF ANY TRUSS COMPONENTS ARE MADE OF 2010/16GA W/18K ASTM GR50 4076G. IF PLATE STEEL APPLIED TO ALL TRUSS CHORDS, END CHORDS, AND ALL OTHER MEMBERS, PERMANENTLY MARKED AS FOLLOWS:

PLATES TO EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI1 2009 SEC.3.

ALL TRUSS LATERALS ACCORDING TO CONCERNING RESPONSIBILITY OF THE SELLER FOR THE TRUSS COMPONENT DESIGN SHOWN, THE STABILITY AND USE OF THIS CONTRACT PER ANY BUILDING TO THE RESPONSIBILITY OF THE BUILDING DESIGNER ACCORDING TO TPI1 1 SEC.2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

FL Certificate of Authorization # 567

(3632- /Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - B6)

Top chord 2x4 SP #2 N
3ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

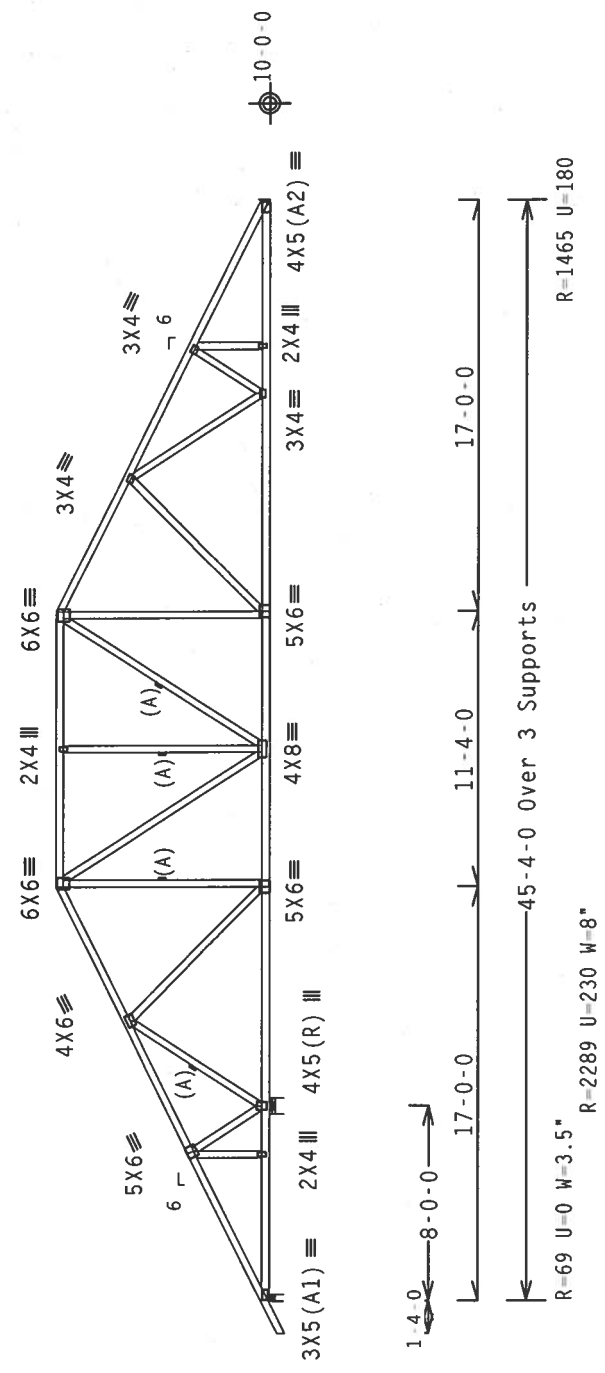
(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

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

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

The overall height of this truss excluding overhang is 8-10-3.

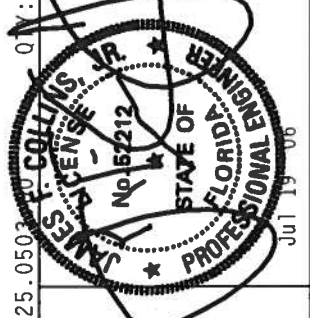


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

PLT TYP., Wave	Scale = .125" / Ft.
REF R215-- 27147	TC LL 20.0 PSF
DATE 07/19/06	TC DL 10.0 PSF
DRW HCUSR215 06200097	BC DL 10.0 PSF
HC-ENG RA/WHK	BC LL 0.0 PSF
SEQN- 126770	TOT.LD. 40.0 PSF
FROM CDM	DUR.FAC. 1.25
JREF- 1S21215_Z08	SPACING 24.0"

ALPINE

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



Top chord 2x4 SP #2 N
3ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

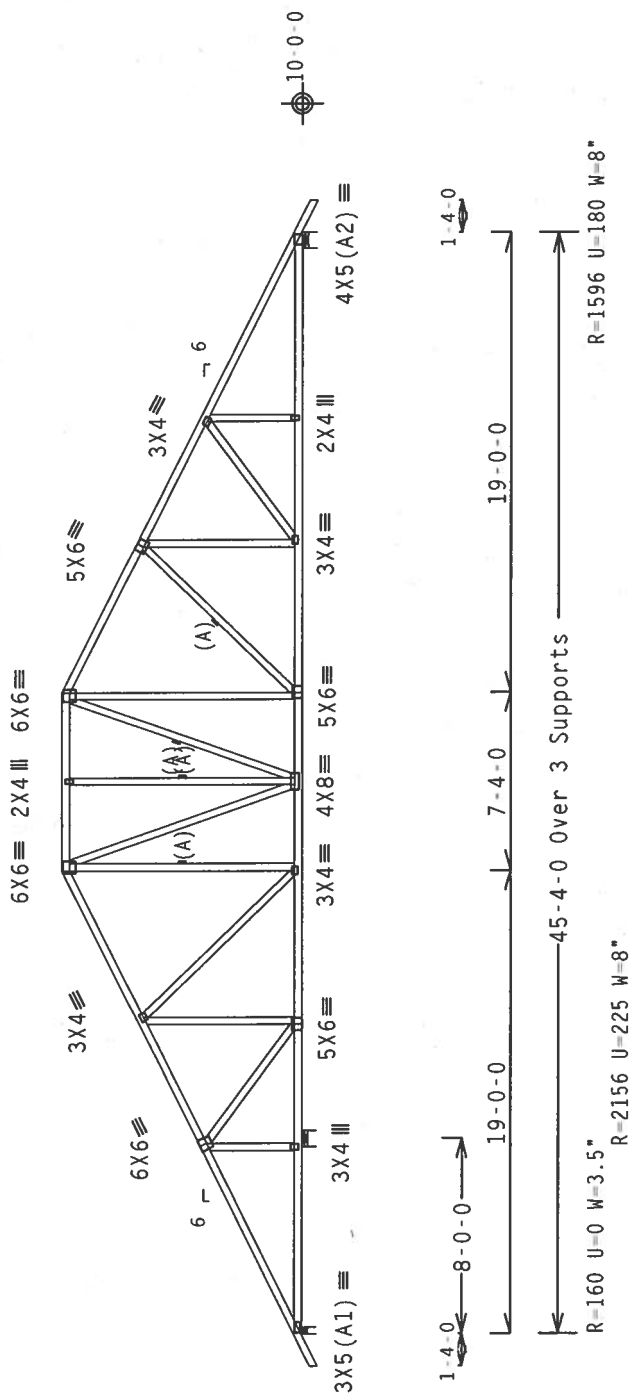
(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

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

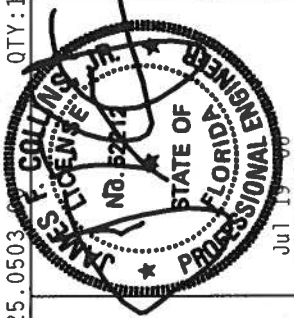
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-10-3.



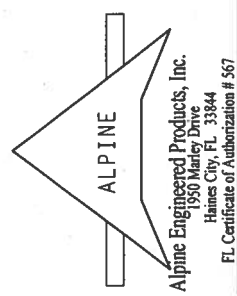
PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-5/-/R/- Scale =.125"/Ft.

TC LL	20.0 PSF	REF	R215--	27148
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200098
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	126784	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	15Z1215_Z08	



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GC'S BUILDING COMPONENT SAFETY MANUAL, PUBLISHED BY TPI TRUSSES, INC. AND TO THE TPI 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.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



	Top	Chord	2x4	SP #2	N :T5	2x4	SP SS:
	30t	chord	2x4	SP #2	N :B1	2x6	SP #2 N:
		Webs	2x4	SP #2	N		

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=5.0 psf, wind SC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor.

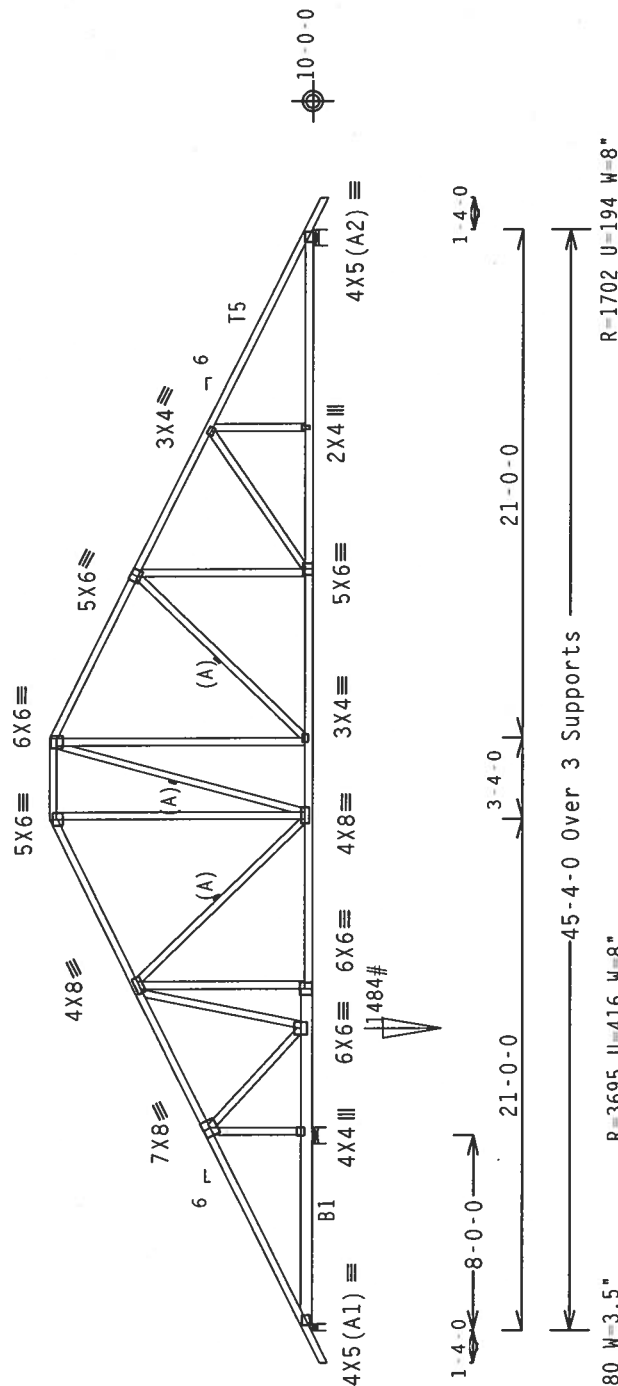
Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

SPECIAL LOADS

		(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC	From	62 PLF at 1.33 to 62 PLF at 46.67
BC	From	4 PLF at 1.33 to 4 PLF at 0.00
BC	From	20 PLF at 0.00 to 20 PLF at 45.33
BC	From	4 PLF at 45.33 to 4 PLF at 46.67
BC	1484 LB Conc. Load at	12.40

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

The overall height of this truss excluding overhang is 10-10-3.



Design Crit: TPI-2002(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 131 BUILDING COMPONENTS SAFETY INFORMATION, THESE TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE FOLLOWING: 1. 1989 UBC, 2. 1989 IBC, 3. 1989 IRC, 4. 1989 SBC, 5. 1989 TBC, 6. 1989 UBC, 7. 1989 IBC, 8. 1989 IRC, 9. 1989 SBC, 10. 1989 TBC, 11. 1989 UBC, 12. 1989 IBC, 13. 1989 IRC, 14. 1989 SBC, 15. 1989 TBC, 16. 1989 UBC, 17. 1989 IBC, 18. 1989 IRC, 19. 1989 SBC, 20. 1989 TBC, 21. 1989 UBC, 22. 1989 IBC, 23. 1989 IRC, 24. 1989 SBC, 25. 1989 TBC, 26. 1989 UBC, 27. 1989 IBC, 28. 1989 IRC, 29. 1989 SBC, 30. 1989 TBC, 31. 1989 UBC, 32. 1989 IBC, 33. 1989 IRC, 34. 1989 SBC, 35. 1989 TBC, 36. 1989 UBC, 37. 1989 IBC, 38. 1989 IRC, 39. 1989 SBC, 40. 1989 TBC, 41. 1989 UBC, 42. 1989 IBC, 43. 1989 IRC, 44. 1989 SBC, 45. 1989 TBC, 46. 1989 UBC, 47. 1989 IBC, 48. 1989 IRC, 49. 1989 SBC, 50. 1989 TBC, 51. 1989 UBC, 52. 1989 IBC, 53. 1989 IRC, 54. 1989 SBC, 55. 1989 TBC, 56. 1989 UBC, 57. 1989 IBC, 58. 1989 IRC, 59. 1989 SBC, 60. 1989 TBC, 61. 1989 UBC, 62. 1989 IBC, 63. 1989 IRC, 64. 1989 SBC, 65. 1989 TBC, 66. 1989 UBC, 67. 1989 IBC, 68. 1989 IRC, 69. 1989 SBC, 70. 1989 TBC, 71. 1989 UBC, 72. 1989 IBC, 73. 1989 IRC, 74. 1989 SBC, 75. 1989 TBC, 76. 1989 UBC, 77. 1989 IBC, 78. 1989 IRC, 79. 1989 SBC, 80. 1989 TBC, 81. 1989 UBC, 82. 1989 IBC, 83. 1989 IRC, 84. 1989 SBC, 85. 1989 TBC, 86. 1989 UBC, 87. 1989 IBC, 88. 1989 IRC, 89. 1989 SBC, 90. 1989 TBC, 91. 1989 UBC, 92. 1989 IBC, 93. 1989 IRC, 94. 1989 SBC, 95. 1989 TBC, 96. 1989 UBC, 97. 1989 IBC, 98. 1989 IRC, 99. 1989 SBC, 100. 1989 TBC, 101. 1989 UBC, 102. 1989 IBC, 103. 1989 IRC, 104. 1989 SBC, 105. 1989 TBC, 106. 1989 UBC, 107. 1989 IBC, 108. 1989 IRC, 109. 1989 SBC, 110. 1989 TBC, 111. 1989 UBC, 112. 1989 IBC, 113. 1989 IRC, 114. 1989 SBC, 115. 1989 TBC, 116. 1989 UBC, 117. 1989 IBC, 118. 1989 IRC, 119. 1989 SBC, 120. 1989 TBC, 121. 1989 UBC, 122. 1989 IBC, 123. 1989 IRC, 124. 1989 SBC, 125. 1989 TBC, 126. 1989 UBC, 127. 1989 IBC, 128. 1989 IRC, 129. 1989 SBC, 130. 1989 TBC, 131. 1989 UBC, 132. 1989 IBC, 133. 1989 IRC, 134. 1989 SBC, 135. 1989 TBC, 136. 1989 UBC, 137. 1989 IBC, 138. 1989 IRC, 139. 1989 SBC, 140. 1989 TBC, 141. 1989 UBC, 142. 1989 IBC, 143. 1989 IRC, 144. 1989 SBC, 145. 1989 TBC, 146. 1989 UBC, 147. 1989 IBC, 148. 1989 IRC, 149. 1989 SBC, 150. 1989 TBC, 151. 1989 UBC, 152. 1989 IBC, 153. 1989 IRC, 154. 1989 SBC, 155. 1989 TBC, 156. 1989 UBC, 157. 1989 IBC, 158. 1989 IRC, 159. 1989 SBC, 160. 1989 TBC, 161. 1989 UBC, 162. 1989 IBC, 163. 1989 IRC, 164. 1989 SBC, 165. 1989 TBC, 166. 1989 UBC, 167. 1989 IBC, 168. 1989 IRC, 169. 1989 SBC, 170. 1989 TBC, 171. 1989 UBC, 172. 1989 IBC, 173. 1989 IRC, 174. 1989 SBC, 175. 1989 TBC, 176. 1989 UBC, 177. 1989 IBC, 178. 1989 IRC, 179. 1989 SBC, 180. 1989 TBC, 181. 1989 UBC, 182. 1989 IBC, 183. 1989 IRC, 184. 1989 SBC, 185. 1989 TBC, 186. 1989 UBC, 187. 1989 IBC, 188. 1989 IRC, 189. 1989 SBC, 190. 1989 TBC, 191. 1989 UBC, 192. 1989 IBC, 193. 1989 IRC, 194. 1989 SBC, 195. 1989 TBC, 196. 1989 UBC, 197. 1989 IBC, 198. 1989 IRC, 199. 1989 SBC, 200. 1989 TBC, 201. 1989 UBC, 202. 1989 IBC, 203. 1989 IRC, 204. 1989 SBC, 205. 1989 TBC, 206. 1989 UBC, 207. 1989 IBC, 208. 1989 IRC, 209. 1989 SBC, 210. 1989 TBC, 211. 1989 UBC, 212. 1989 IBC, 213. 1989 IRC, 214. 1989 SBC, 215. 1989 TBC, 216. 1989 UBC, 217. 1989 IBC, 218. 1989 IRC, 219. 1989 SBC, 220. 1989 TBC, 221. 1989 UBC, 222. 1989 IBC, 223. 1989 IRC, 224. 1989 SBC, 225. 1989 TBC, 226. 1989 UBC, 227. 1989 IBC, 228. 1989 IRC, 229. 1989 SBC, 230. 1989 TBC, 231. 1989 UBC, 232. 1989 IBC, 233. 1989 IRC, 234. 1989 SBC, 235. 1989 TBC, 236. 1989 UBC, 237. 1989 IBC, 238. 1989 IRC, 239. 1989 SBC, 240. 1989 TBC, 241. 1989 UBC, 242. 1989 IBC, 243. 1989 IRC, 244. 1989 SBC, 245. 1989 TBC, 246. 1989 UBC, 247. 1989 IBC, 248. 1989 IRC, 249. 1989 SBC, 250. 1989 TBC, 251. 1989 UBC, 252. 1989 IBC, 253. 1989 IRC, 254. 1989 SBC, 255. 1989 TBC, 256. 1989 UBC, 257. 1989 IBC, 258. 1989 IRC, 259. 1989 SBC, 260. 1989 TBC, 261. 1989 UBC, 262. 1989 IBC, 263. 1989 IRC, 264. 1989 SBC, 265. 1989 TBC, 266. 1989 UBC, 267. 1989 IBC, 268. 1989 IRC, 269. 1989 SBC, 270. 1989 TBC, 271. 1989 UBC, 272. 1989 IBC, 273. 1989 IRC, 274. 1989 SBC, 275. 1989 TBC, 276. 1989 UBC, 277. 1989 IBC, 278. 1989 IRC, 279. 1989 SBC, 280. 1989 TBC, 281. 1989 UBC, 282. 1989 IBC, 283. 1989 IRC, 284. 1989 SBC, 285. 1989 TBC, 286. 1989 UBC, 287. 1989 IBC, 288. 1989 IRC, 289. 1989 SBC, 290. 1989 TBC, 291. 1989 UBC, 292. 1989 IBC, 293. 1989 IRC, 294. 1989 SBC, 295. 1989 TBC, 296. 1989 UBC, 297. 1989 IBC, 298. 1989 IRC, 299. 1989 SBC, 300. 1989 TBC, 301. 1989 UBC, 302. 1989 IBC, 303. 1989 IRC, 304. 1989 SBC, 305. 1989 TBC, 306. 1989 UBC, 307. 1989 IBC, 308. 1989 IRC, 309. 1989 SBC, 310. 1989 TBC, 311. 1989 UBC, 312. 1989 IBC, 313. 1989 IRC, 314. 1989 SBC, 315. 1989 TBC, 316. 1989 UBC, 317. 1989 IBC, 318. 1989 IRC, 319. 1989 SBC, 320. 1989 TBC, 321. 1989 UBC, 322. 1989 IBC, 323. 1989 IRC, 324

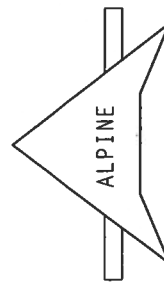
****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ALPINE CONFORMS TO PLATES 208/18-19, 208/18-20, 208/18-21, ASTM A583 GRADE 50/60 (4. / 6.1/5.5) GALV. STEEL. APPLY TO ALL TRUSSES. ALL TRUSSES TO BE BRACED TO THE WALLS OF THE BUILDING PER THE DRUGS COMPONENT DRAWING. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TPI-2002 SEC. 3.0. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SEAL ON THIS BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSH/TPI 1 SEC. 2.

PLT TYP. Wave

QTY:1 EI / - / 5 / - / - / R / - / -

$$\text{Scale} = 125''/\text{Ft}$$

TC LL	20.0	PSF	REF	R215--	27149
TC DL	10.0	PSF	DATE	07/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06200122
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	131539	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SZ1215	Z08



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

(3632- /Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - B9)

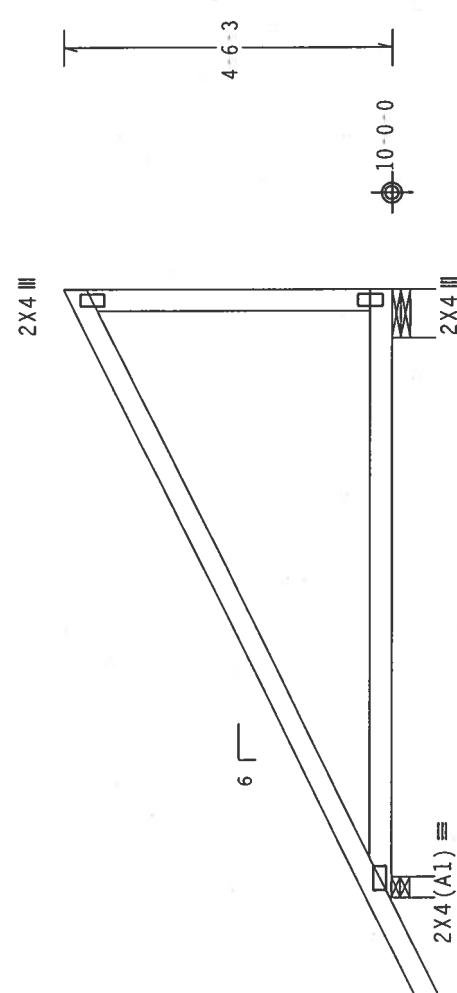
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 4-6-3.

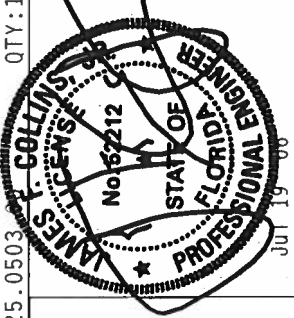


L 1-4-0

8-4-0 Over 2 Supports
R-447 U=180 W=3.5"
R-328 U=180 W=8"

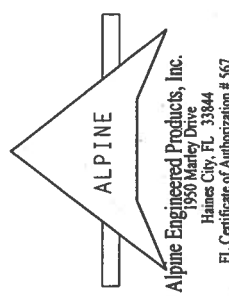
Design Crit: TPI-2002(ST0)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
REF R215 - - 27150	TC LL	20.0 PSF	
DATE 07/19/06	TC DL	10.0 PSF	
DRW HCUSR215 06200086	BC DL	10.0 PSF	
HC-ENG RA/WHK	BC LL	0.0 PSF	
SEQN- 131512	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 15Z1215_Z08	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719), AND MTCA (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. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (N.W./S.K) ASTM A653 GRADE 40/60 (N. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY'S 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.



Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Webbs	2x4	SP	#2 N

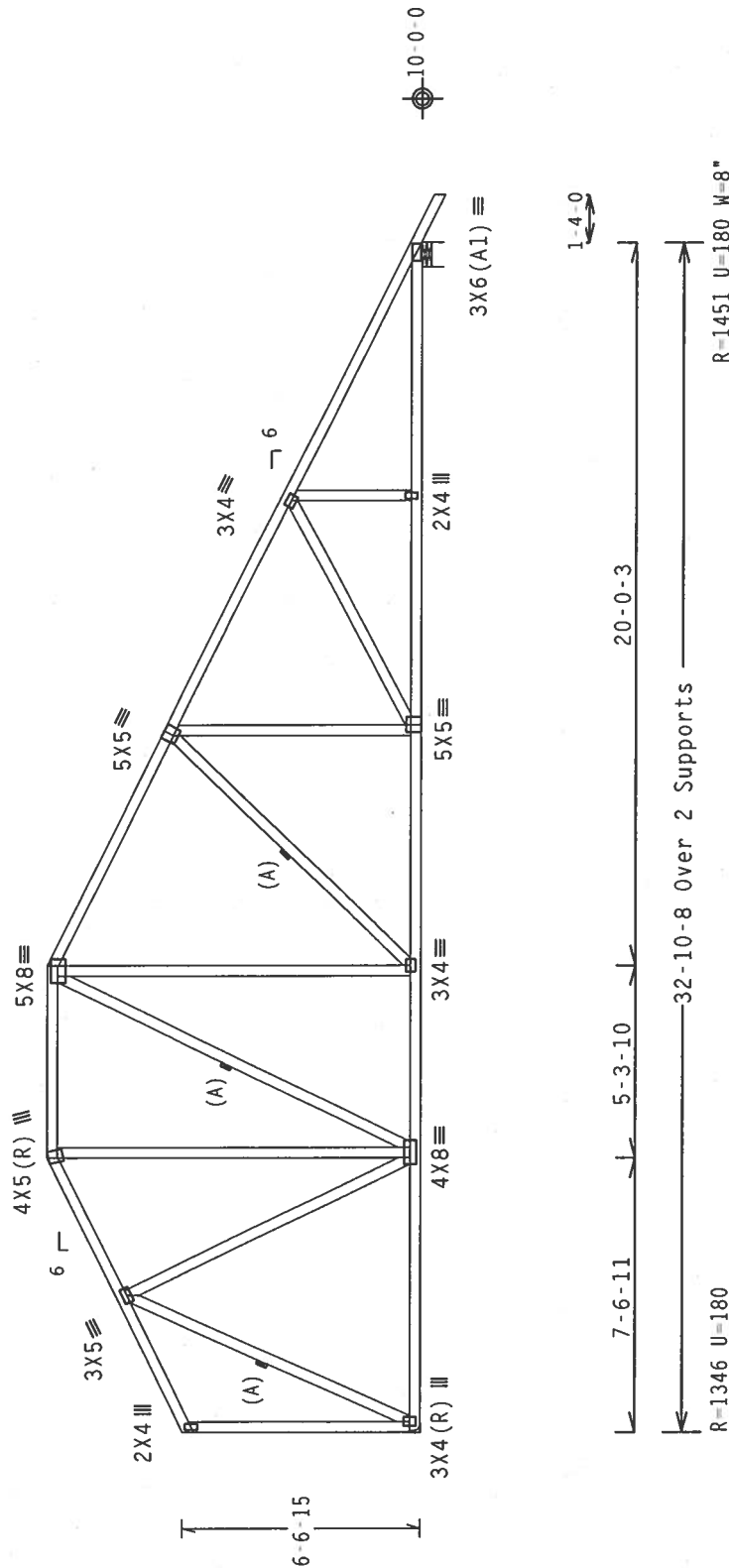
110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10'-4"-4".



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-
Scale =.1875"/Ft.

 $Cq/RT=1.00(1.25)/10(0) \quad 7.$

DLT TYP. Wave

****WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.**

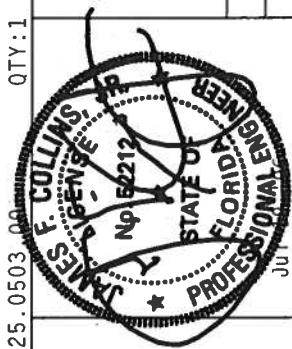
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

TO BE SURE (BULDING COMPONENTS), PUBLISHED BY IPI (CRACKLE PLATE INSTITUTE, 583
DORCHESTER, MA 02122) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. SEE
MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. SEE
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED
RIGID CELLING.

TC LL	20.0 PSF	REF	R215 -- 27151
TC DL	10.0 PSF	DATE	07/19/06

****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 PRODUCTS, INCLUDING BUT NOT LIMITED TO FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TO TRUSSES. DESIGN COMPLIANCE WITH ALL CODE REQUIREMENTS (NATIONALS DESIGN SPEC. BY AISC) AND TP1. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/15/20/25/30/35/40/45/50/55/60/65/70/75/80/85/90/95/100/105/110/115/120/125/130/135/140/145/150/155/160/165/170/175/180/185/190/195/200/205/210/215/220/225/230/235/240/245/250/255/260/265/270/275/280/285/290/295/300/305/310/315/320/325/330/335/340/345/350/355/360/365/370/375/380/385/390/395/400/405/410/415/420/425/430/435/440/445/450/455/460/465/470/475/480/485/490/495/500/505/510/515/520/525/530/535/540/545/550/555/560/565/570/575/580/585/590/595/600/605/610/615/620/625/630/635/640/645/650/655/660/665/670/675/680/685/690/695/700/705/710/715/720/725/730/735/740/745/750/755/760/765/770/775/780/785/790/795/800/805/810/815/820/825/830/835/840/845/850/855/860/865/870/875/880/885/890/895/900/905/910/915/920/925/930/935/940/945/950/955/960/965/970/975/980/985/990/995/1000/1005/1010/1015/1020/1025/1030/1035/1040/1045/1050/1055/1060/1065/1070/1075/1080/1085/1090/1095/1100/1105/1110/1115/1120/1125/1130/1135/1140/1145/1150/1155/1160/1165/1170/1175/1180/1185/1190/1195/1200/1205/1210/1215/1220/1225/1230/1235/1240/1245/1250/1255/1260/1265/1270/1275/1280/1285/1290/1295/1300/1305/1310/1315/1320/1325/1330/1335/1340/1345/1350/1355/1360/1365/1370/1375/1380/1385/1390/1395/1400/1405/1410/1415/1420/1425/1430/1435/1440/1445/1450/1455/1460/1465/1470/1475/1480/1485/1490/1495/1500/1505/1510/1515/1520/1525/1530/1535/1540/1545/1550/1555/1560/1565/1570/1575/1580/1585/1590/1595/1600/1605/1610/1615/1620/1625/1630/1635/1640/1645/1650/1655/1660/1665/1670/1675/1680/1685/1690/1695/1700/1705/1710/1715/1720/1725/1730/1735/1740/1745/1750/1755/1760/1765/1770/1775/1780/1785/1790/1795/1800/1805/1810/1815/1820/1825/1830/1835/1840/1845/1850/1855/1860/1865/1870/1875/1880/1885/1890/1895/1900/1905/1910/1915/1920/1925/1930/1935/1940/1945/1950/1955/1960/1965/1970/1975/1980/1985/1990/1995/2000/2005/2010/2015/2020/2025/2030/2035/2040/2045/2050/2055/2060/2065/2070/2075/2080/2085/2090/2095/2100/2105/2110/2115/2120/2125/2130/2135/2140/2145/2150/2155/2160/2165/2170/2175/2180/2185/2190/2195/2200/2205/2210/2215/2220/2225/2230/2235/2240/2245/2250/2255/2260/2265/2270/2275/2280/2285/2290/2295/2300/2305/2310/2315/2320/2325/2330/2335/2340/2345/2350/2355/2360/2365/2370/2375/2380/2385/2390/2395/2400/2405/2410/2415/2420/2425/2430/2435/2440/2445/2450/2455/2460/2465/2470/2475/2480/2485/2490/2495/2500/2505/2510/2515/2520/2525/2530/2535/2540/2545/2550/2555/2560/2565/2570/2575/2580/2585/2590/2595/2600/2605/2610/2615/2620/2625/2630/2635/2640/2645/2650/2655/2660/2665/2670/2675/2680/2685/2690/2695/2700/2705/2710/2715/2720/2725/2730/2735/2740/2745/2750/2755/2760/2765/2770/2775/2780/2785/2790/2795/2800/2805/2810/2815/2820/2825/2830/2835/2840/2845/2850/2855/2860/2865/2870/2875/2880/2885/2890/2895/2900/2905/2910/2915/2920/2925/2930/2935/2940/2945/2950/2955/2960/2965/2970/2975/2980/2985/2990/2995/3000/3005/3010/3015/3020/3025/3030/3035/3040/3045/3050/3055/3060/3065/3070/3075/3080/3085/3090/3095/3100/3105/3110/3115/3120/3125/3130/3135/3140/3145/3150/3155/3160/3165/3170/3175/3180/3185/3190/3195/3200/3205/3210/3215/3220/3225/3230/3235/3240/3245/3250/3255/3260/3265/3270/3275/3280/3285/3290/3295/3300/3305/3310/3315/3320/3325/3330/3335/3340/3345/3350/3355/3360/3365/3370/3375/3380/3385/3390/3395/3400/3405/3410/3415/3420/3425/3430/3435/3440/3445/3450/3455/3460/3465/3470/3475/3480/3485/3490/3495/3500/3505/3510/3515/3520/3525/3530/3535/3540/3545/3550/3555/3560/3565/3570/3575/3580/3585/3590/3595/3600/3605/3610/3615/3620/3625/3630/3635/3640/3645/3650/3655/3660/3665/3670/3675/3680/3685/3690/3695/3700/3705/3710/3715/3720/3725/3730/3735/3740/3745/3750/3755/3760/3765/3770/3775/3780/3785/3790/3795/3800/3805/3810/3815/3820/3825/3830/3835/3840/3845/3850/3855/3860/3865/3870/3875/3880/3885/3890/3895/3900/3905/3910/3915/3920/3925/3930/3935/3940/3945/3950/3955/3960/3965/3970/3975/3980/3985/3990/3995/4000/4005/4010/4015/4020/4025/4030/4035/4040/4045/4050/4055/4060/4065/4070/4075/4080/4085/4090/4095/4100/4105/4110/4115/4120/4125/4130/4135/4140/4145/4150/4155/4160/4165/4170/4175/4180/4185/4190/4195/4200

BC DL	10.0 PSF	DRW	HCUSR215	06200099
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	131526	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SZ1215	Z08



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

FL. Certificate of Authorization # 567

Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

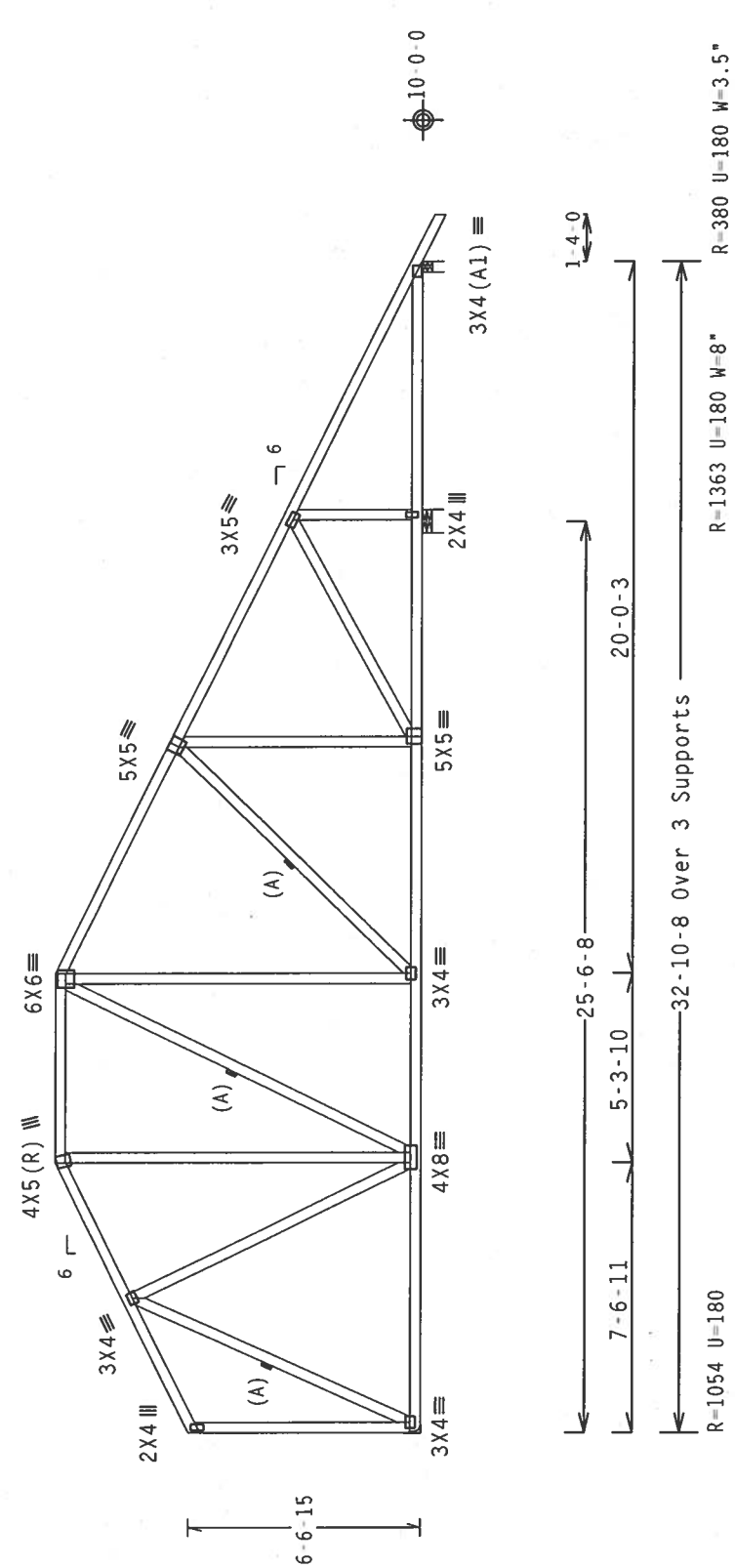
1110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10-4-4.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Wave QTY: 1 FL/-5/-/-R/ Scale =.1875"/Ft.
 Design CRIT: IPI-2002(SID)/FBC QTY: 1
 Cq/RT=1.00(1.25)/10(0) 7.25.0503 00

ALPINE Alpine Engineered Products, Inc. 1950 Maple Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D UNIFOLIO DR., SUITE 200, MADISON, WI 53719) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CONNECTIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR LOSS OF TRUSSES OR ANY FAILURE OF TRUSSES OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH TPI. 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-M/S/K) ASTM A653 GRADE 40/60 (M. 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 TPII-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.										REF	R215 -	27152
											DATE	07/19/06	
											DRW	HCUSR215	06200100
											HC-ENG	RA/WHK	
											SEQN-	131517	
											FROM	CDM	
											DUR.FAC.	1.25	
										SPACING	24.0"		

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B1 2x6 SP #2 N:
Webs 2x4 SP #2 N

10 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

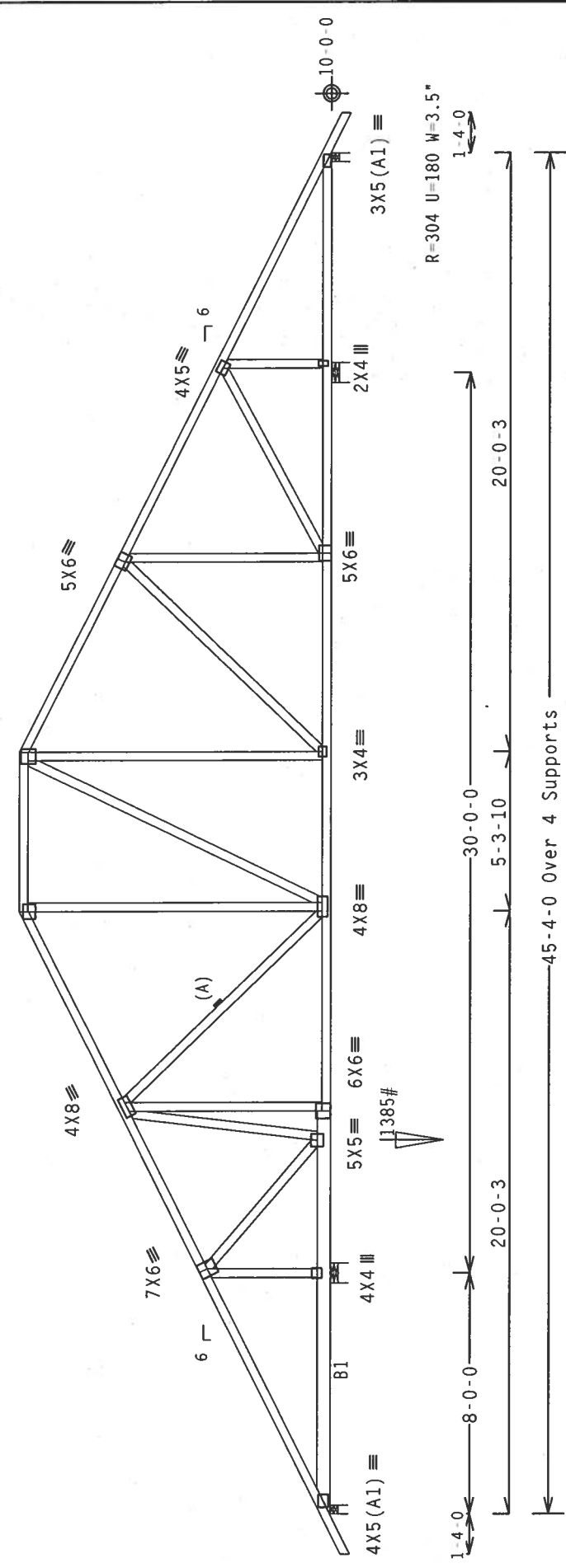
WARNING: Furnish a copy of this DWG to the installation contractor.
Special care must be taken during handling, shipping and installation of
trusses. See "WARNING" note below.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.33 to 62 PLF at 46.67
BC - From 4 PLF at 1.33 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 45.33
BC - From 4 PLF at 45.33 to 4 PLF at 46.67
PLB- 1385 LB Conc. Load at (12.40,10.04)

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

The overall height of this truss excluding overhang is 10'-4".



R=193 U=180 W=3.5"

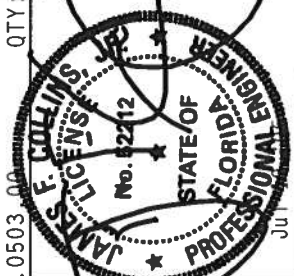
R=3029 U=323 W=8"

R=1772 U=180 W=8"

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

PLT TYP. Wave	QTY 1	FL / - / 5 / - / R / -	20.0 PSF	REF R215 - 27153
		TC DL	10.0 PSF	DATE 07/19/06
		BC DL	10.0 PSF	DRW HCURS215 06200123
		BC LL	0.0 PSF	HC-ENG RA/WHK
		TOT.LD.	40.0 PSF	SEQN- 131545
		DUR.FAC.	1.25	FROM CDM
		SPACING	24.0"	JREF- 1SZ1215_Z08



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSSES, ALPINE ENGINEERING, INC., 1550 MARLEY DRIVE, SUITE 200, MADISON, WI 53719, AND NETA (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 ENGINEERING 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 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M. 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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHALL BE THE SULLANTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Alpine Engineered Products, Inc.
1550 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(3632- /Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - B13)

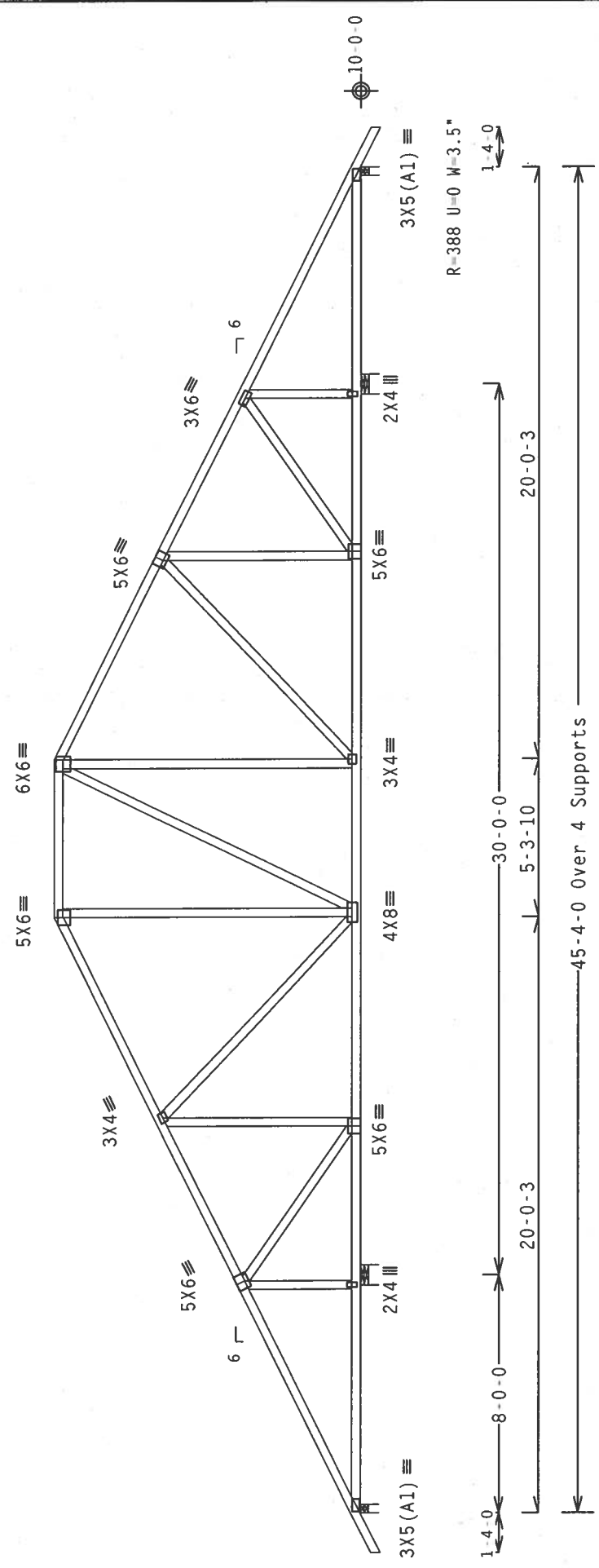
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 10'-4".

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

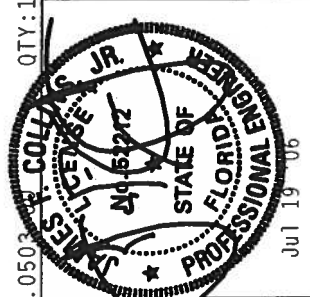


R-393 U=0 W=3.5" R-1562 U=186 W=8"

R-388 U=0 W=3.5" R-1569 U=186 W=8"

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.25.0503

QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215-- 27154
TC DL	10.0 PSF	DATE 07/19/06
BC DL	10.0 PSF	DRW HCUSR215 06200101
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 126845
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1S21215_Z08



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 W. ORFORD DR., SUITE 200, MADISON, WI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE CR, WASHINGTON, DC 20004) FOR PERFORMING THESE PROCEDURES. UNLESS OTHERWISE SPECIFICALLY 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 AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/166A (N.H/S/K) ASTM A653 GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 367

op chord 2x4 SP #2 N
lot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

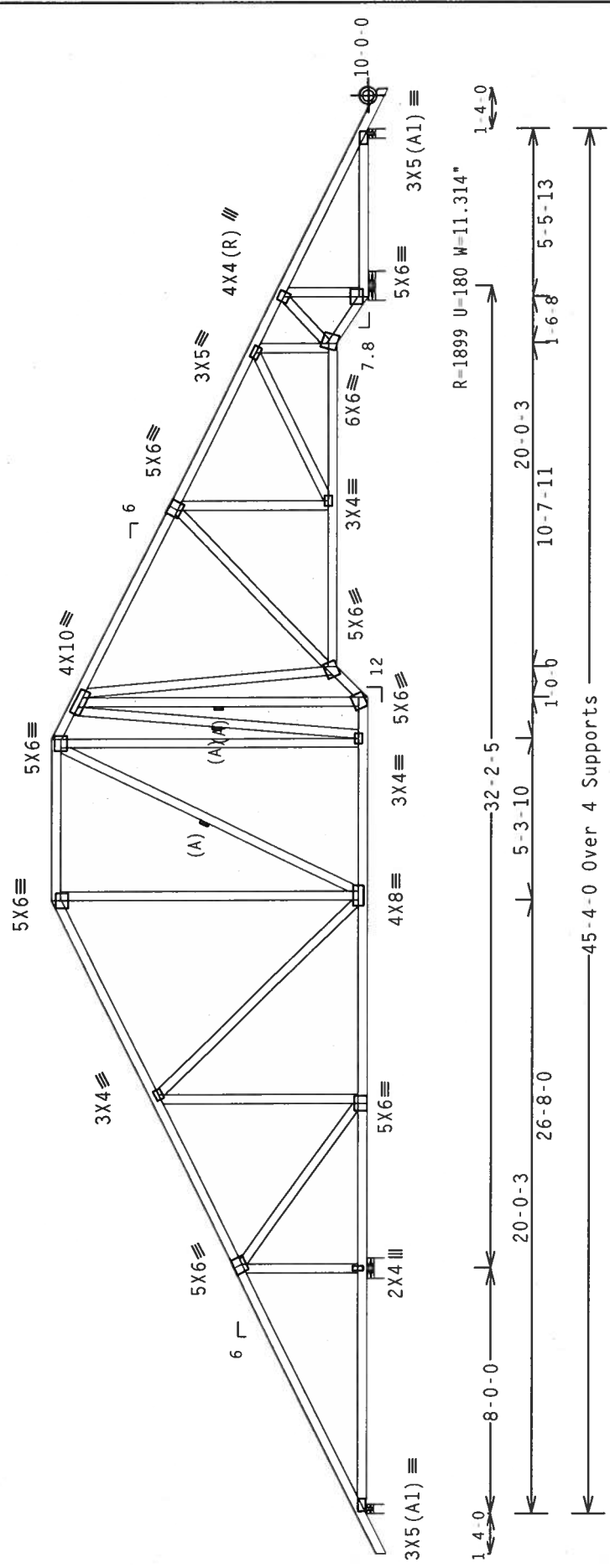
110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 10'-4".



R-350 U=0 W=3.5"

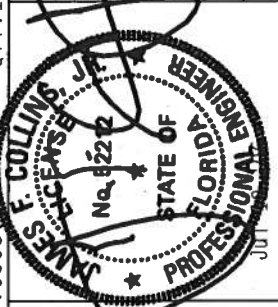
R=1677 U=199 W=8"

R=60 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

LT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

REF	R215--	27155
DATE	07/19/06	
DRW	HCUSR215	06200102
HC-ENG	RA/WHK	
SEQN-	122371	
FROM	CDM	
JREF-	1SZ1215_Z08	



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECOMMENDATIONS FOR FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, 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 AND 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 (M/H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

ALPINE

Alpine Engineered Products, Inc.
1550 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

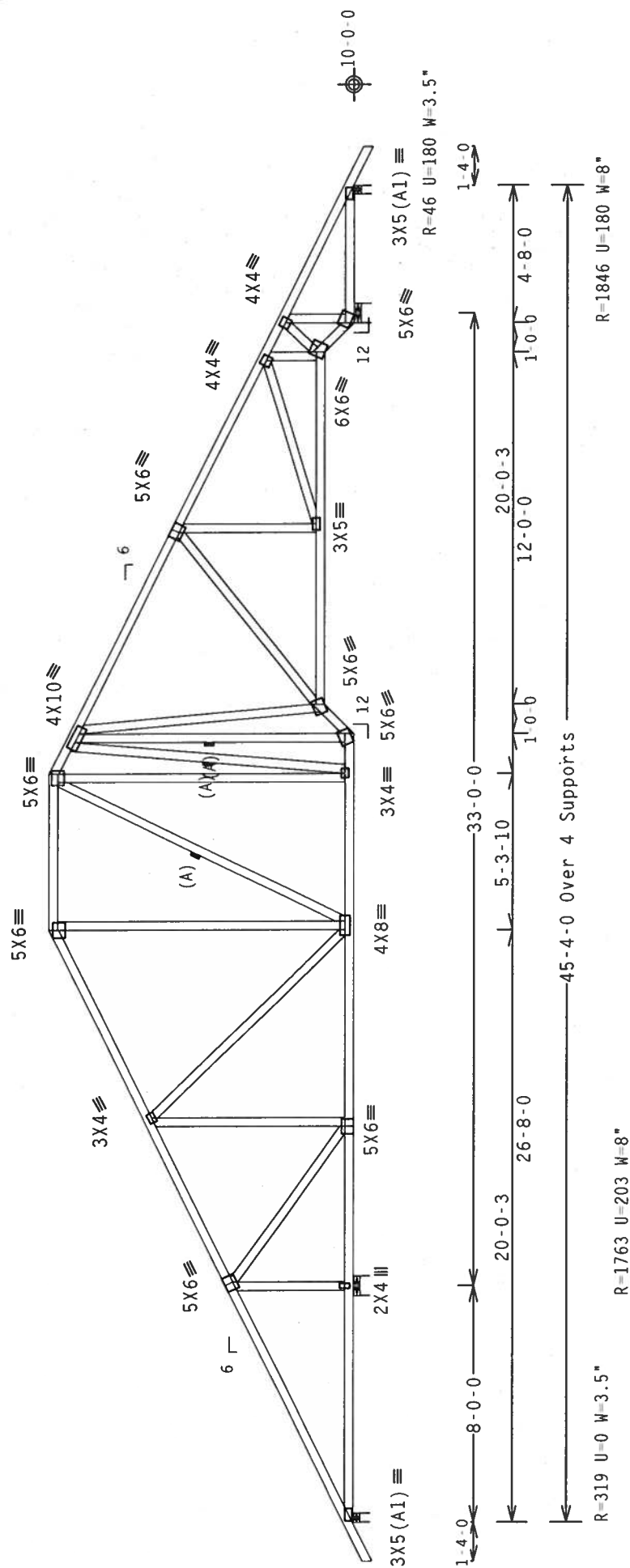
1110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

The overall height of this truss excluding overhang is 10'-4"-4."



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

QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

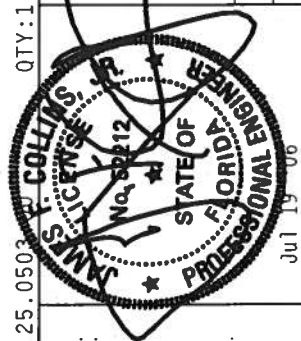
PLT TYP. Wave

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 1 CONDITIONS FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN SPEC. BY ANY AND ALL MEANS. ALPINE ENGINEERED PRODUCTS, INC. TRUSSES AND JOISTS ARE MADE OF 6061-T6 ALUMINUM AND 1018 STEEL. ALL STEEL PLATES TO EACH FACE OF TRUSS AND JOIST UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ALL TRUSS AND JOIST CONNECTIONS ARE TO BE MADE IN ACCORDANCE WITH TPI 1 AND TPI 2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AN3 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 ANS1/TPI 1 SEC. 2.

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

REF	R215--	27156
DATE	07/19/06	
DRW	HCUSR215	06200103
	HC-ENG RA/WHK	
SEQN-	122377	
FROM	CDM	
JREF-	1SZ1215	Z08



(3632- /Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - 816)

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

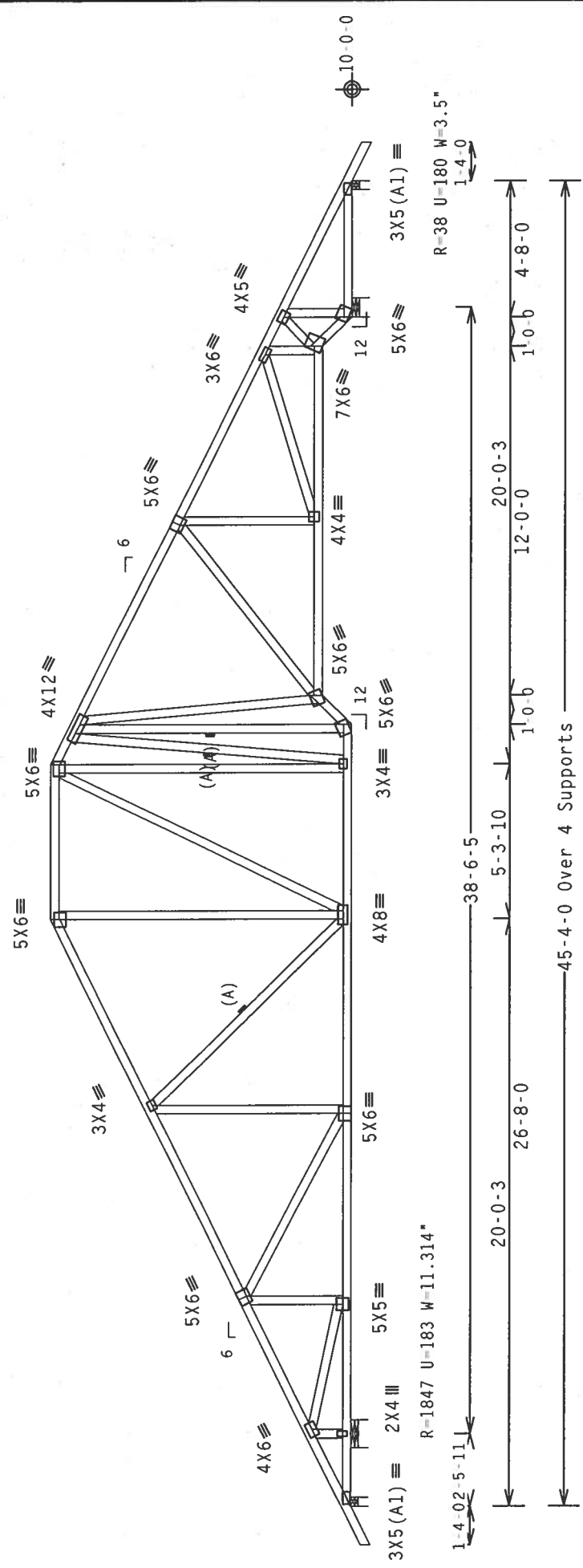
110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

The overall height of this truss excluding overhang is 10'-4".



R=38 U=180 W=3.5"

R=2082 U=189 W=8"

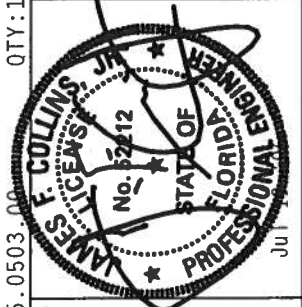
Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/10(0) 7.25.0503.00

QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave

TC LL	20.0 PSF	REF	R215--	27157
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200104
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	122383	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1S21215	Z08



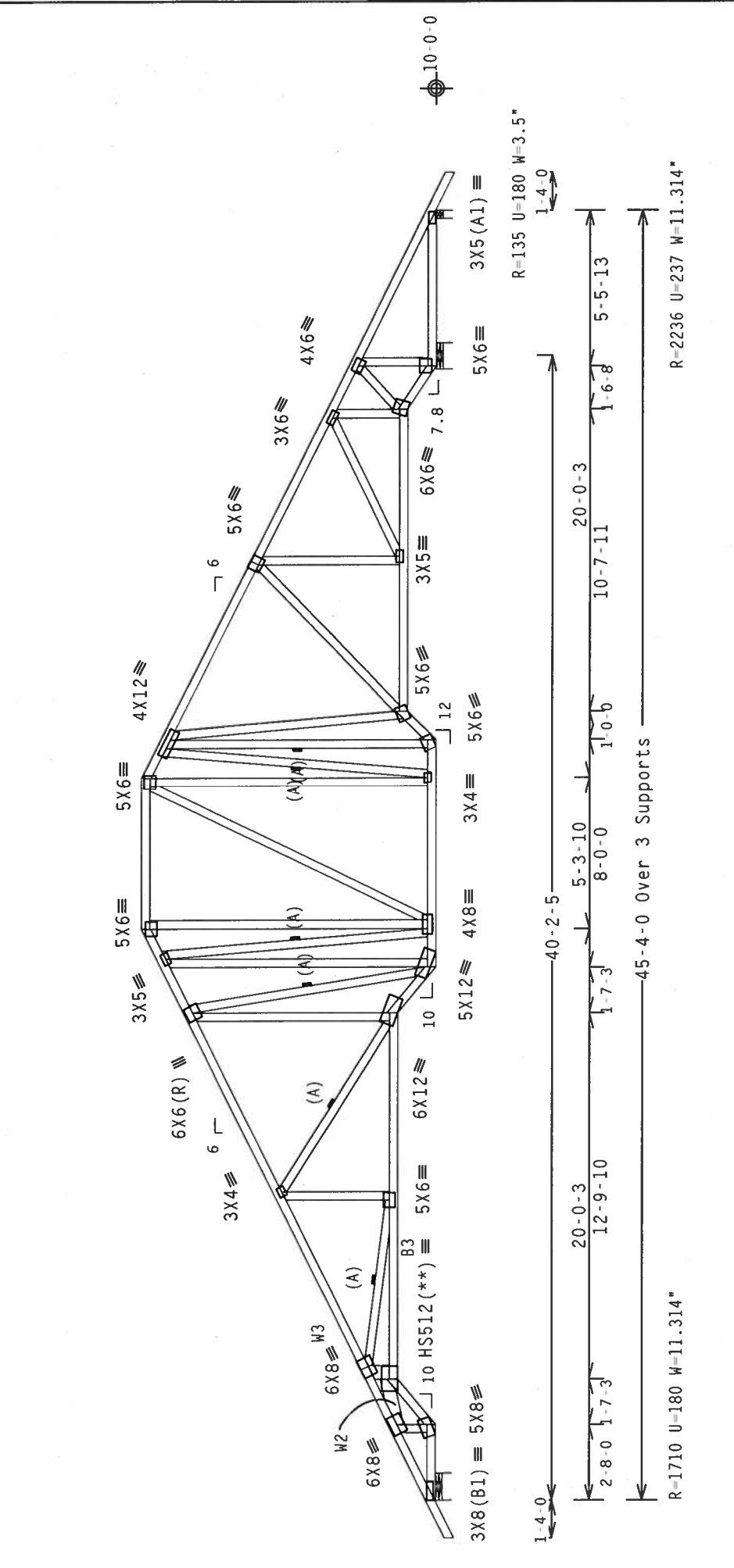
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS ASSOCIATION, 1000 N. MADISON, SUITE 200, MADISON, WI 53719, AND MECA WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL, 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. 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 (N-H/S/K) ASTM A653 GRADE 40/60 (M, K/M, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 3 OF TPI 2002 SEC. 3.1. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 557

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3 2x4 SP SS:
Webs 2x4 SP #2 N :W2, W3 2x6 SP #2 N:
Calculated horizontal deflection is 0.23" due to live load and 0.24" due to dead load.

(A) Continuous lateral bracing equally spaced on member.
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

REF	R215--	27158
DATE	07/19/06	
DRW	HCUSR215	06200105
HC-ENG	RA/WHK	
SEQN-	128347	
FROM	CDM	
JREF-	1S71215_Z08	

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 BCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 593 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND METAL 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. 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 2018/16GA (N-H/57K) ASTM A653 GRADE 40/60 (N, F/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. DRAWING DESIGNER'S ACCEPTANCE OF THE DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR.
No. 82219
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 11

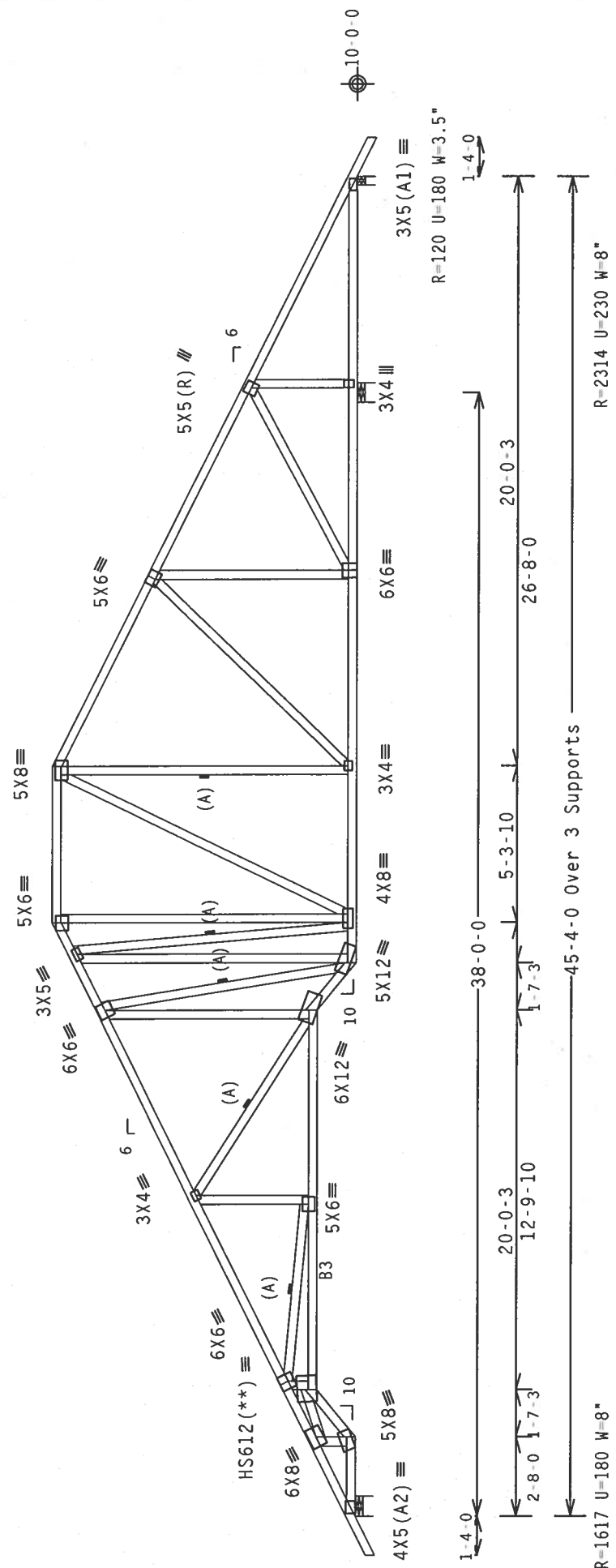
	Top chord	2x4	SP #2 N		:B3	2x4	SP SS:
	Not chord	2x4	SP #2 N				
	Webs	2x4	SP #2 N				

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

Calculated horizontal deflection is 0.19" due to live load and 0.20" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. The overall height of this truss excluding overhang is 10'-4"-4".

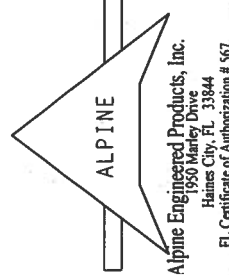


Design Crit: $\text{TPI-2002 (STD) / FBC}$
 $\text{Cq/RT=1.00 (1.25) /}$

(0) 7.25.0503 ~~EW 001~~ QTY:1 FL/-5/-/R/- Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BESS I-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 W. OMBROD DR., SUITE 200, MADISON, WI 53719) AND WICA (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 COMPONENTS IN ACCORDANCE WITH THE DESIGNING CONTRACTOR'S INSTALLATION DRAWINGS OR BRASSES, DESIGN CONCERNS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. (SEE SPEC. 1060A.2). CONNECTOR PLATES ARE MADE OF 2010/1060 (M 1/2"x1/4") ASTM A563 GRADE 40/60 (M 3/4"x1/4") GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1060A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP11-2002 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 ANNEX TP11-1 SEC. 2.



TC LL	20.0 PSF	REF	R215- 27159
TC DL	10.0 PSF	DATE	07/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06200106
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	128329
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1521215_Z08

	op	chord	2x4	SP	#2	N
tot	chord	2x4	SP	#2	N	:B3 2x4 SP SS:
	webs	2x4	SP	#2	N	

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

110 mph wind, 15.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

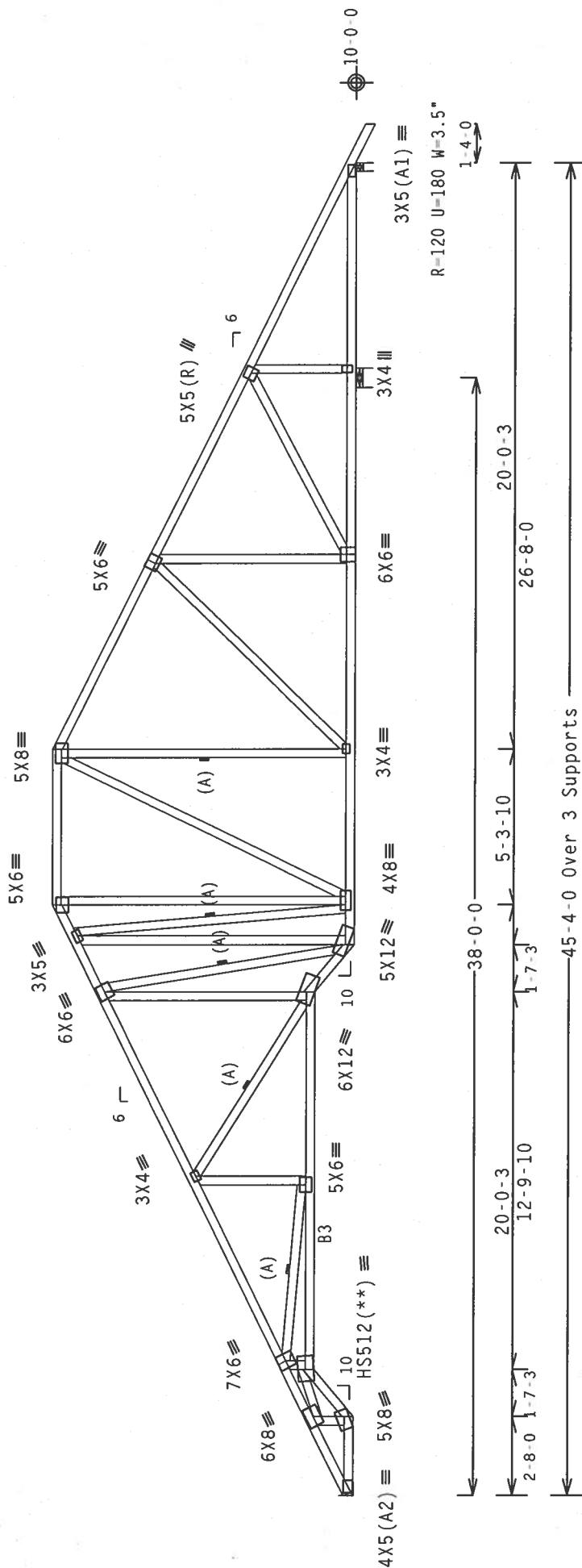
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10'-4".

Calculated horizontal deflection is 0.19" due to live load and 0.20" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of crusses. See "WARNING" note below.



R=1525 U=180

R-2317 U-233 W-8"

Design Crit: TPI-2002(STD)/FBC

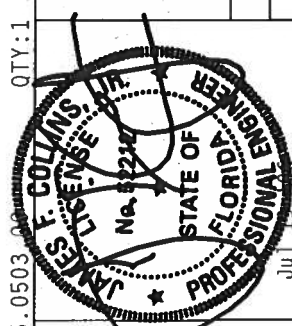
$$Cq/RT=1.00(1.25)/10(0)$$

QTY:1 FL/-/5/-/-/R/-

Scale = 1875"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE BUILDING SAFETY COUNCIL, 1393 N. O'HIO RD., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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.

TC LL	20.0 PSF	REF	R215 -	27160
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200107
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	126853	REV
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1S21215	Z08



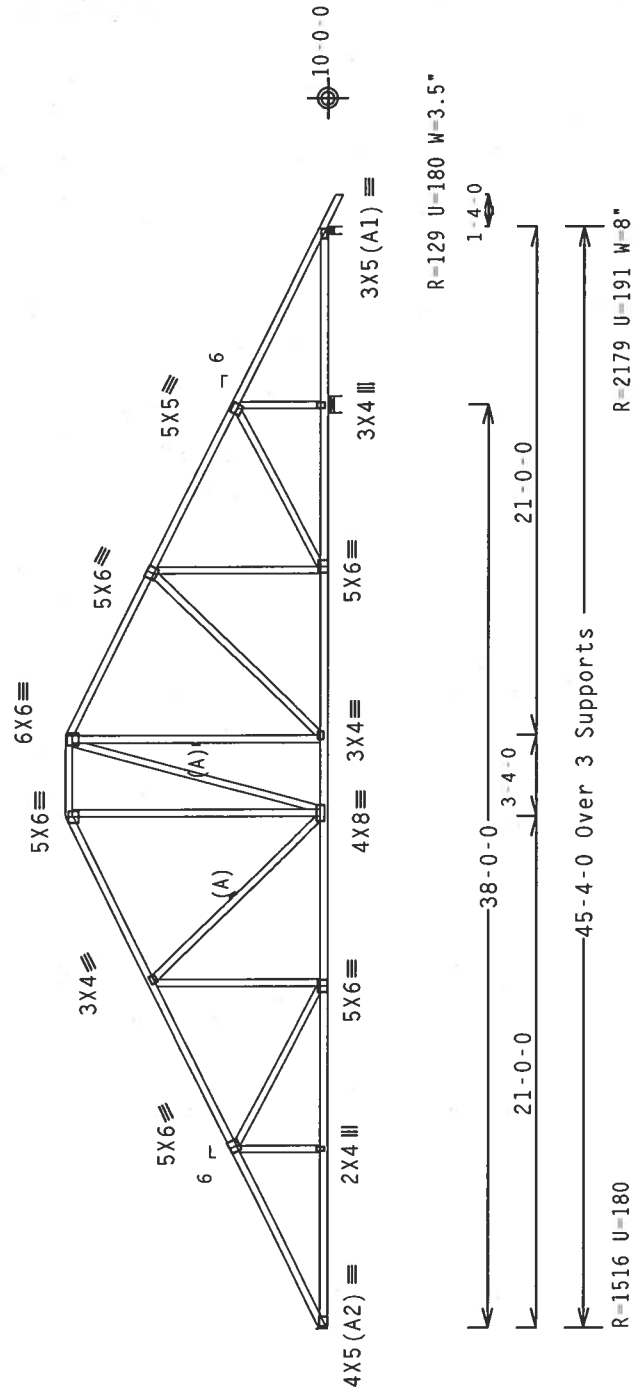
op	chord	2x4	SP	#2	N
not	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.26 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of crusses. See "WARNING" note below.

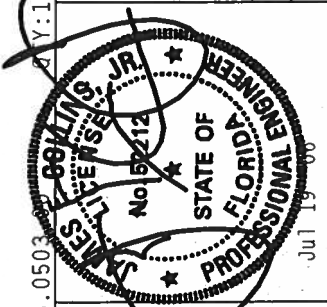
The overall height of this truss excluding overhang is 10'-10"-3."



Design Crit: TPI-2002(STD)/FBC

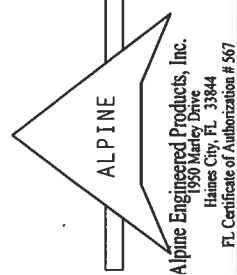
Scale = .125"/Ft.

TC LL	20.0 PSF	REF R215--	27161
TC DL	10.0 PSF	DATE	07/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06200108
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	126795
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	15Z1215_Z08



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PULPIT INSTITUTE, 583 D'OMBRO RD., SUITE 200, MADISON, WI 53719) AND WICA (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. THE ALPINE ENGINEERING COMPANY, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TP1. CONNECTOR PLATES ARE MADE OF 2017/1016GA (M/H/S/VE) ASTM A653 GRADE 40/60 (M. K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP1-2002 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 ANNEX (P)1 SEC. 2.



op chord 2x4 SP #2 N :T2 2x4 SP SS:
ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

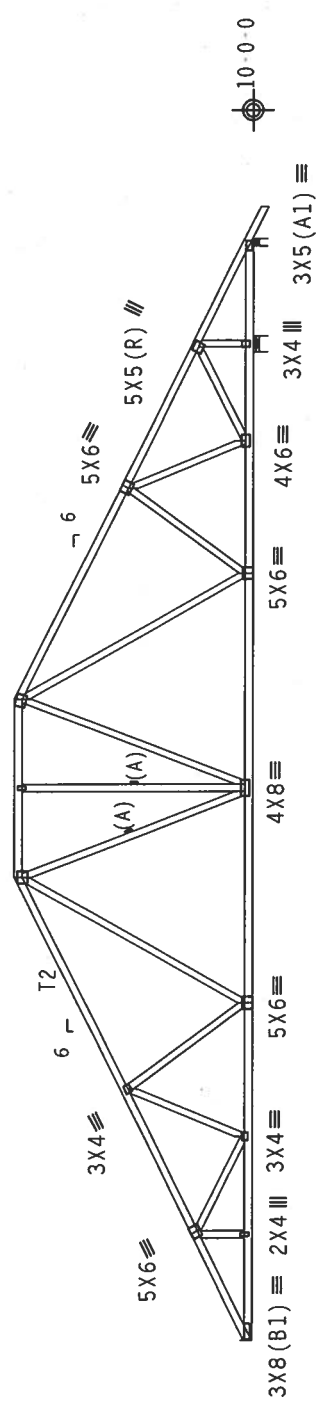
A) Continuous lateral bracing equally spaced on member.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of russes. See "WARNING" note below.

The overall height of this truss excluding overhang is 9'-10"-3.

5X6 ≡ 2X4 ≡ 5X6 ≡



R=66 U=180 W=3.5*

19'-0'-0 41'-0'-0 19'-0'-0 1-4'-0

19'-0'-0 7'-4'-0 19'-0'-0

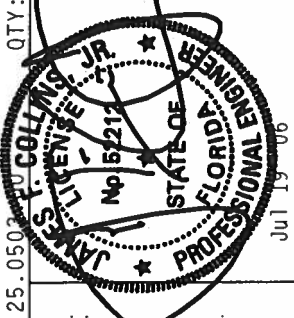
45'-4'-0 Over 3 Supports

R=1664 U=180

R=2159 U=225 W=8"

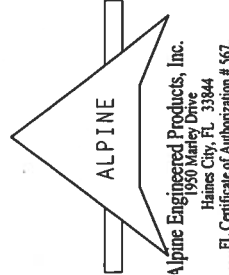
Design Crit: TPI-2002(STD)/FBC

ALT TYP. Wave ALPINE Alpine Engineered Products, Inc. 1950 Waikey Drive Haines City, FL 33844	Cq/RT=1.00(1.25)/10(0)		7.25.0503	QTY:1	FL/-/5/-/-/R/-	Scale =.125"/Ft.
	Design Crit: TPI-2002(STD)/FBC					
	WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D-MORRIS 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: OF FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS OF THE 2018/2009 IBC AND 2015 AISC 360 SHALL BE MAINTAINED. CONNECTOR PLATES ARE MADE OF 2018/2009 A572M A563 GRADE 40/60 (A, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.					
		TC LL		20.0 PSF	REF	R215-- 27162
		TC DL		10.0 PSF	DATE	07/19/06
		BC DL		10.0 PSF	DRW	HCURS215 06200109
		BC LL		0.0 PSF	HC-ENG RA/WHK	
		TOT.LD.		40.0 PSF	SEQN-	126736
		DUR.FAC.		1.25	FROM	CDM
		SPACING		24.0"	JREF-	1S21215_Z08



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MICA (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'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
webs 2x4 SP #2 N

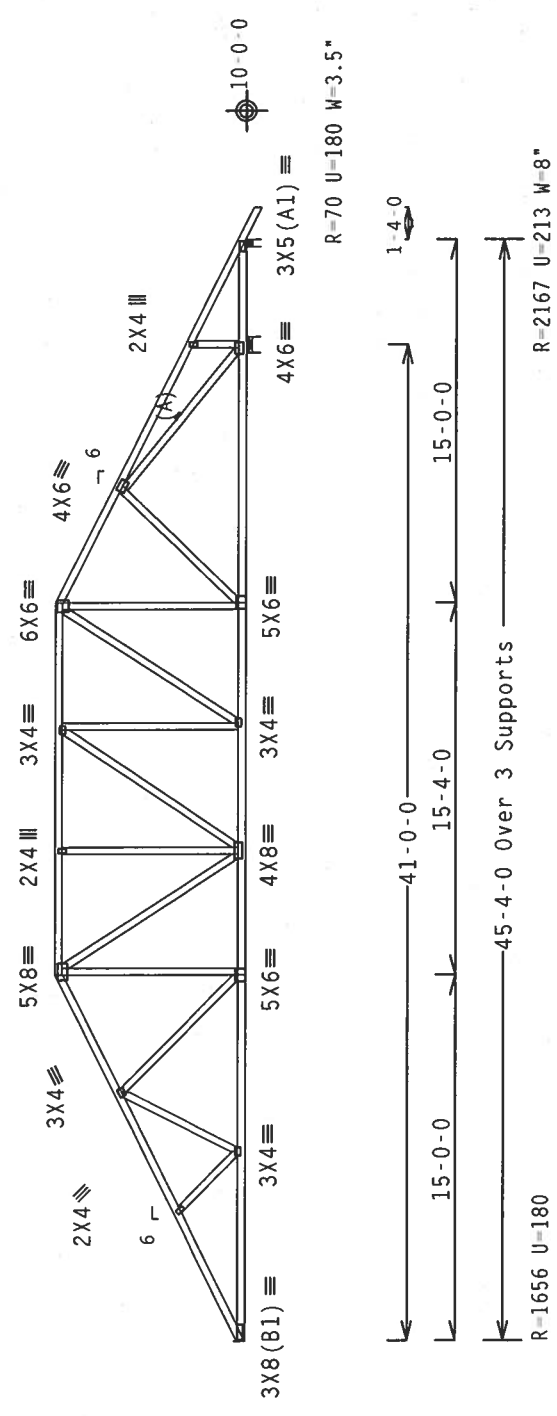
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

A) Continuous lateral bracing equally spaced on member.

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

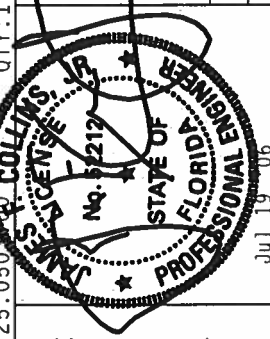
ARNING: Furnish a copy of this DWG to the installation contractor. pecial care must be taken during handling, shipping and installation of russes. See "WARNING" note below.

The overall height of this truss excluding overhang is 7-10-3.

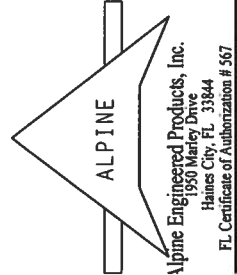


Design Crit: TPI-2002(STD)/FBC

ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE		ALPINE	
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ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC 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 2018/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. SHOWN FOR THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



op	chord	2x4	SP	#2	N
ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

left end vertical not exposed to wind pressure.

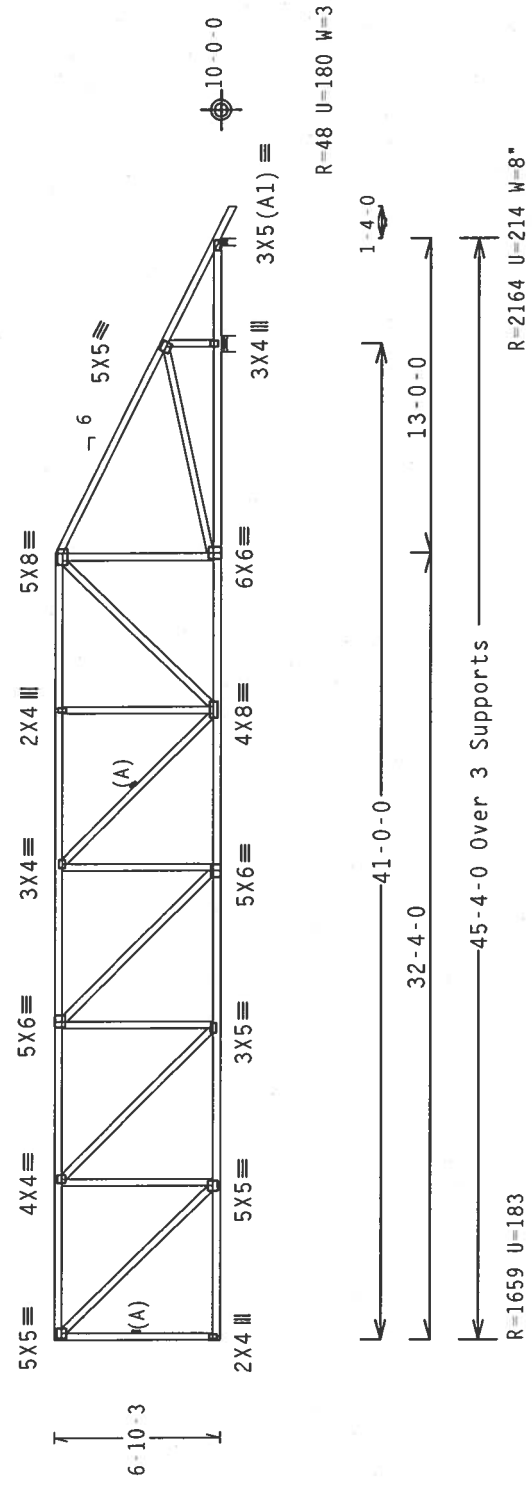
A) Continuous lateral bracing equally spaced on member.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of ruses. See "WARNING" note below.

Max JT VERT DEFL: LL: 0.15" DL: 0.16" recommended camber 1/4"

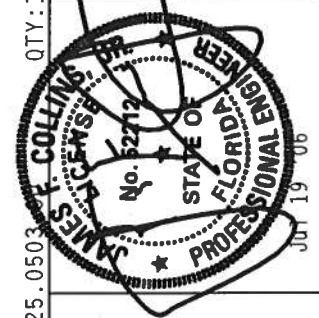
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-10-3.

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

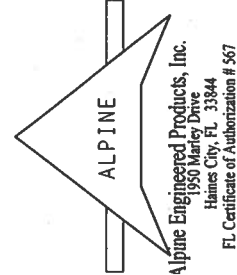
QTY:1 FL/-/5/-/-/R/- Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R215--	27165
TC DL	10.0	PSF	DATE	07/19/06	
BC DL	10.0	PSF	DRW	HCUSR215	06200112
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	126681	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1S121215_Z08	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNDON DR., SUITE 200, MADISON, WI 53715) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 100, WILSONVILLE, OR 97158) FOR ADDITIONAL INFORMATION. THE FOLLOWING PRACTICES RELATING TO PERFORMING THESE OPERATIONS, UNLESS OTHERWISE INDICATED, FOR TRUSSES 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. THESE TRUSSES ARE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFECTS, DAMAGE, OR INJURY TO ANY PERSONS OR PROPERTY. TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL GRADE 40/60 (M, K/H S1) GALV. STEEL, ALPINE CONNECTOR PLATES ARE MADE OF 2010/18GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H S1) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TPI-1 2002 SEC.3. A SEAL ON THE 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.



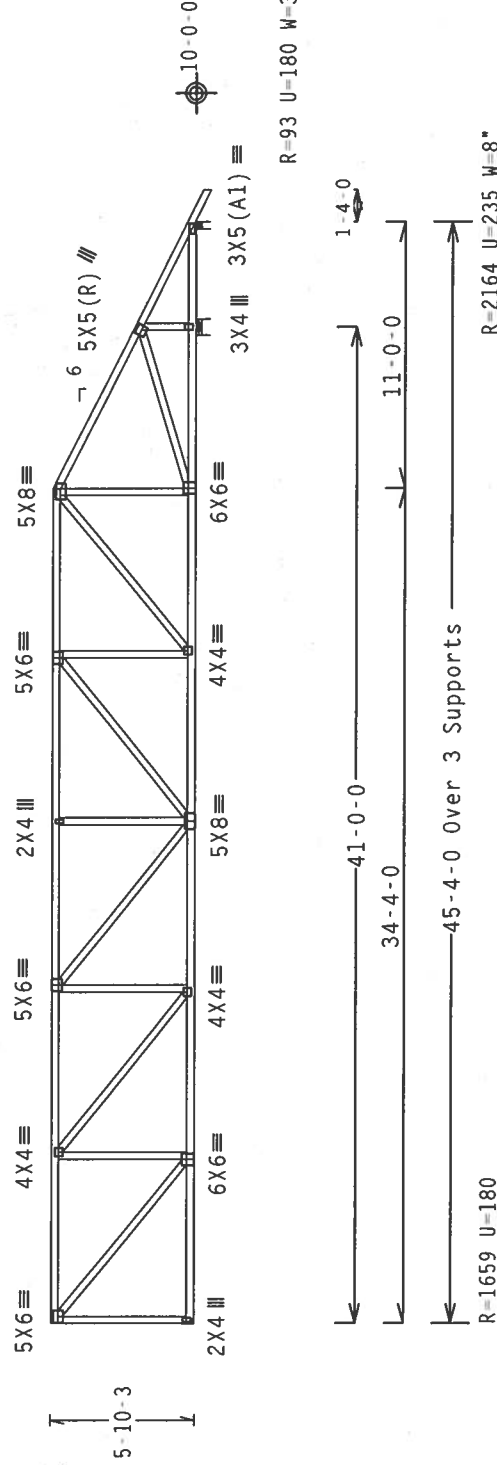
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

Left end vertical not exposed to wind pressure.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of crusses. See "WARNING" note below.

Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 5-10-3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

CFI 2002 (310) / 100
Cq/RT=1.00(1.25)/10(0) 7 25 0503

QTY: 1 FL / - / 5 / - / - / R / - Scale = .125" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BG51-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 WEST 10TH AVENUE, MADISON, WISCONSIN 53703, AND TPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WISCONSIN 53719), FOR THE LATEST RECOMMENDATIONS. UNLESS OTHERWISE INDICATED, ALL TRUSS CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF	R215 - -	27166
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200113
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	126675	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SZ1215	Z08

ALPINE

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

Haines City, FL 33844
FL Certificate of Authorization # 567

3632-/Annie Fuller-Hopkins /OWNER BUILDER - LAKE CITY, FL - B26)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
webs 2x4 SP #2 N

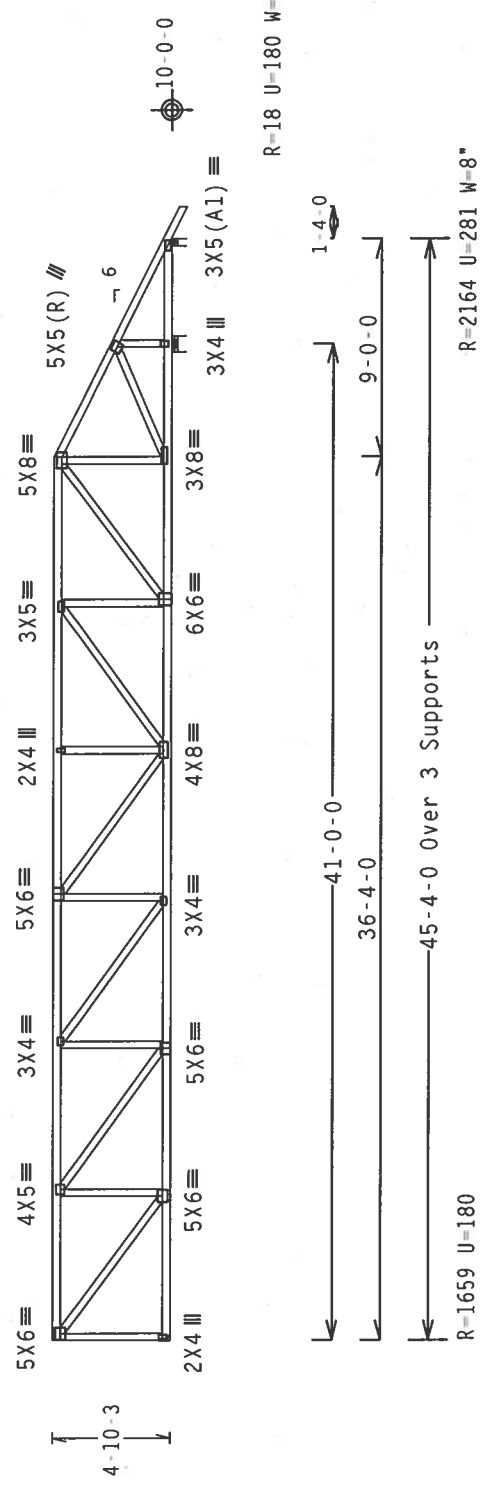
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

Left end vertical not exposed to wind pressure.

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

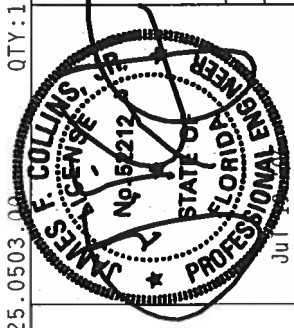
ARNING: Furnish a copy of this DWG to the installation contractor.
pecial care must be taken during handling, shipping and installation of
russes. See "WARNING" note below.

The overall height of this truss excluding overhang is 4'-10"-3.



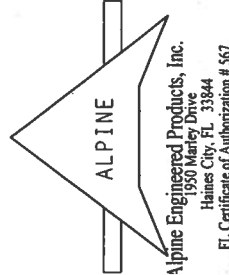
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/-

REF	R215--	27167
DATE	07/19/06	
DRW	HCUSR215	06200114
HC-ENG	RA/WHK	
SEQN-	126668	
FROM	CDM	
JREF-	1S21215_Z08	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 10000 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND NCEA (NATIONAL COUNCIL OF ENGINEERING AND CONSTRUCTION), 10000 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND NCEA (NATIONAL COUNCIL OF ENGINEERING AND CONSTRUCTION), 10000 D'ONOFRIO DR., SUITE 200, 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 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (IN. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPI-2002, SEC.3. A SEAL ON THIS DESIGN SHOWN THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

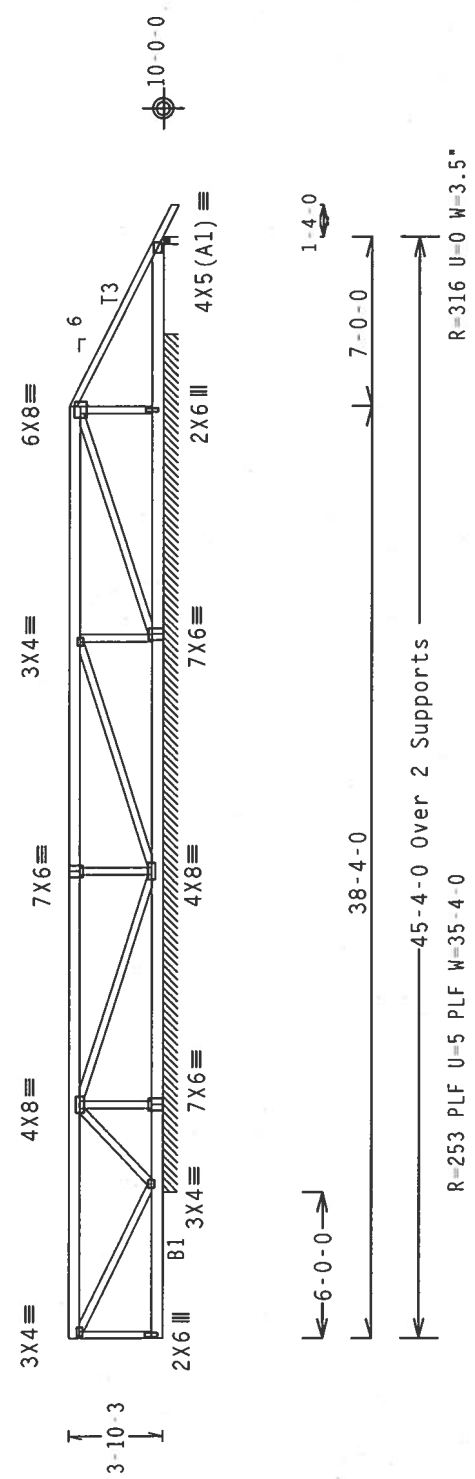


2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun_(0.128"x3",_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.

#1 hip supports 7-0-0 jacks w/2 panel TC and no end vert.
Deflection meets L/240 live and L/180 total load.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



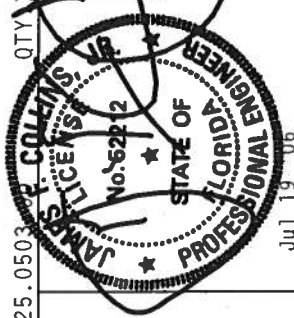
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R215 -	27168
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200115
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	126660	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SZ1215_Z08	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST P-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PACT INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AEP&A AND TPI) ALPINE CONNECTOR PLATES ARE MADE OF 2010/106GA. (W/18X16) ASTM A653 GRADE 40/60 (W/ K/H/S) GALV. STEEL. APPLIES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-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 ANNEX A/TPI-1 SEC. 2.



3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - BGRD1)

op chord 2x4 SP #2 N
ot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

10 mph wind, 16.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
ithin 4-50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
C DL=5.0 psf.

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

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

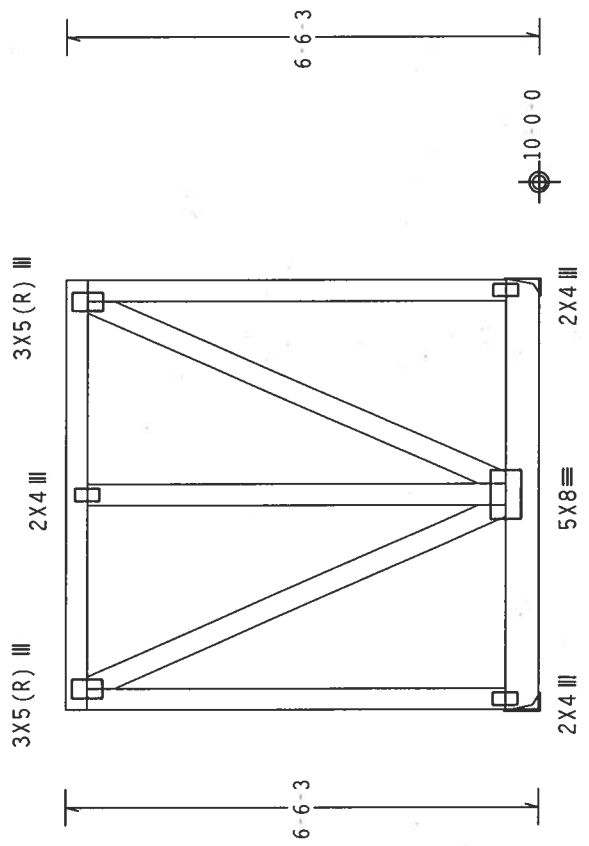
SPECIAL LOADS

----- (LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 5.88
BC - From 20 PLF at 0.00 to 20 PLF at 5.88
BC - 1346 LB Conc. Load at 1.94
BC - 1054 LB Conc. Load at 3.94

End verticals not exposed to wind pressure.

Truss must be installed as shown with top chord up.

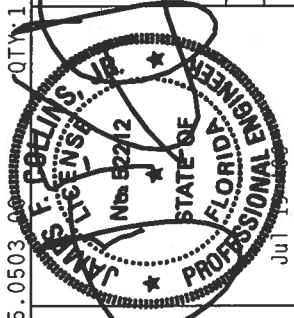
The overall height of this truss excluding overhang is 6-6-3.



← 5-10-8 Over 2 Supports →
R=1484 U=180 R=1385 U=180

Design Crit: TPI-2002(STD)/FBC

LT TYP. Wave	QTY: 1	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
REF R215-- 27169	TC LL	20.0 PSF	
DATE 07/19/06	TC DL	10.0 PSF	
DRW HCUSR215 06200121	BC DL	10.0 PSF	
HC-ENG RA/WHK	BC LL	0.0 PSF	
SEQN- 131533	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1S21215_Z08	SPACING	24.0"	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), BUILDING CODES, AND THE FOLLOWING: 1. 2002 INTERNATIONAL BUILDING CODES, 2. 2002 INTERNATIONAL MECHANICAL AND ELECTRICAL CODES, 3. 2002 INTERNATIONAL PLUMBING AND MECHANICAL CODES, 4. 2002 INTERNATIONAL FIRE AND MARINE CODES, 5. 2002 INTERNATIONAL SAFETY CODES, 6. 2002 INTERNATIONAL TRUSS CODES, 7. 2002 INTERNATIONAL TRUSS DESIGN CODES, 8. 2002 INTERNATIONAL TRUSS MANUFACTURING CODES, 9. 2002 INTERNATIONAL TRUSS TESTING CODES, 10. 2002 INTERNATIONAL TRUSS INSPECTION CODES, 11. 2002 INTERNATIONAL TRUSS MAINTENANCE CODES, 12. 2002 INTERNATIONAL TRUSS REPAIR CODES, 13. 2002 INTERNATIONAL TRUSS REPLACEMENT CODES, 14. 2002 INTERNATIONAL TRUSS DEMOLITION CODES, 15. 2002 INTERNATIONAL TRUSS DISPOSAL CODES, 16. 2002 INTERNATIONAL TRUSS RECYCLING CODES, 17. 2002 INTERNATIONAL TRUSS REUSE CODES, 18. 2002 INTERNATIONAL TRUSS REPAIR AND REUSE CODES, 19. 2002 INTERNATIONAL TRUSS REPAIR AND REUSE CODES, 20. 2002 INTERNATIONAL TRUSS REPAIR AND REUSE CODES.

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 (M/H/S/K) ASTM A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES COMPLIANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

ALPINE

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

(3632)-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - C1GE)

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

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.

See DWGS A11015EE0405 & GBLLETTIN0405 for more requirements.
Deflection meets L/240 live and L/180 total load.

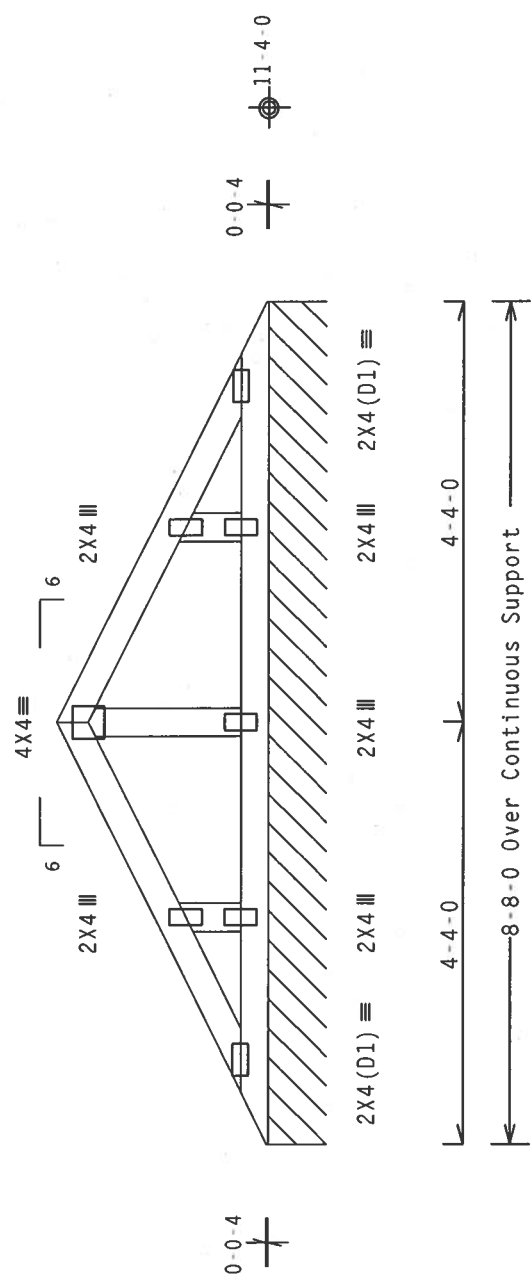
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE
ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND
SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS
LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE
DESIGNED BY THE BUILDING DESIGNER.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.54 to 62 PLF at 8.12
BC - From 80 PLF at 0.00 to 80 PLF at 0.54
BC - From 20 PLF at 0.54 to 20 PLF at 8.12
BC - From 80 PLF at 8.12 to 80 PLF at 8.67

Truss spaced at 24.0" OC designed to support 2-0-0 top chord
outlookers. Cladding load shall not exceed 0.00 PSF. Top chord must
not be cut or notched.

The overall height of this truss excluding overhang is 2-2-4.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503.00

Scale = .5" / Ft.

REF	R215--	27170
DATE	07/19/06	
DRW	HCUSR215	06200116
HC-ENG	RA/WHK	
SEQN-	122342	
FROM	CDM	
JREF	1S21215_Z08	

PLT TYP. Wave

QTY: 1

FL / - / 5 / - / - / R / -

20.0 PSF

10.0 PSF

10.0 PSF

0.0 PSF

40.0 PSF

1.25

24.0"

Scale = .5" / Ft.

REF R215-- 27170

DATE 07/19/06

DRW HCUSR215 06200116

HC-ENG RA/WHK

SEQN- 122342

FROM CDM

JREF 1S21215_Z08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 2018/16GA (N.H/S/K) ASTM A653 GRADE 40/60 (N. K/M.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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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 2018/16GA (N.H/S/K) ASTM A653 GRADE 40/60 (N. K/M.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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Alpine Engineered Products, Inc.
Haines City, FL 33844

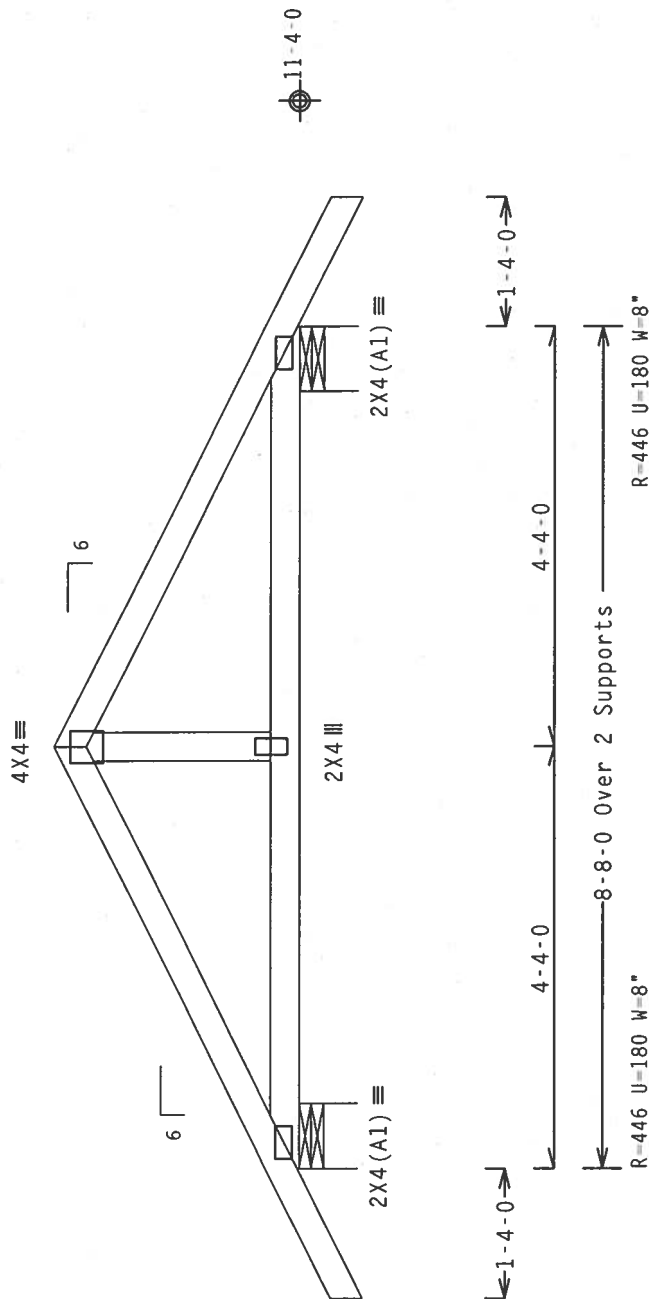
FL Certificate of Authorization # 567

op	chord	2x4	SP	#2	N
ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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.

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

The overall height of this truss excluding overhang is 2-6-3.



Design Crit: TPI-2002(STD)/FBC

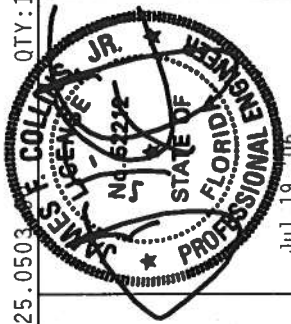
$$Cq/RT = 1.00(1.25)/10(0) \quad 7.25.0503$$

QTY:1 FL/-/5/-/-/R/-/

Scale = .5" / Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES SHIP BY THE CURTIS PLATE INSTITUTE, 363 BROADWAY, NEW YORK, NEW YORK 10013. FOR INFORMATION, CONTACT CURTIS PLATE INSTITUTE, 527151, 1000 MADISON, WI 53719. FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE NOTED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

***IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
STRUCTURES, 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,
CONNECTIONS AND JOINTS. PROVIDING OF THE WORKMANSHIP, ETC. (A/E/PA) AND THE QUALITY OF THE STEEL
CONNECTORS ARE MADE TO THE SPECIFICATIONS OF THE AISC. THE DESIGN OF THE TRUSS AND THE STEEL
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2.
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. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX(TPI1) 1 SEC.2.



op chord 2x4 SP #2 N
ot chord 2x4 SP SS :B2 2x6 SP #2 N
Webs 2x4 SP #2 N

PECIAL LOADS

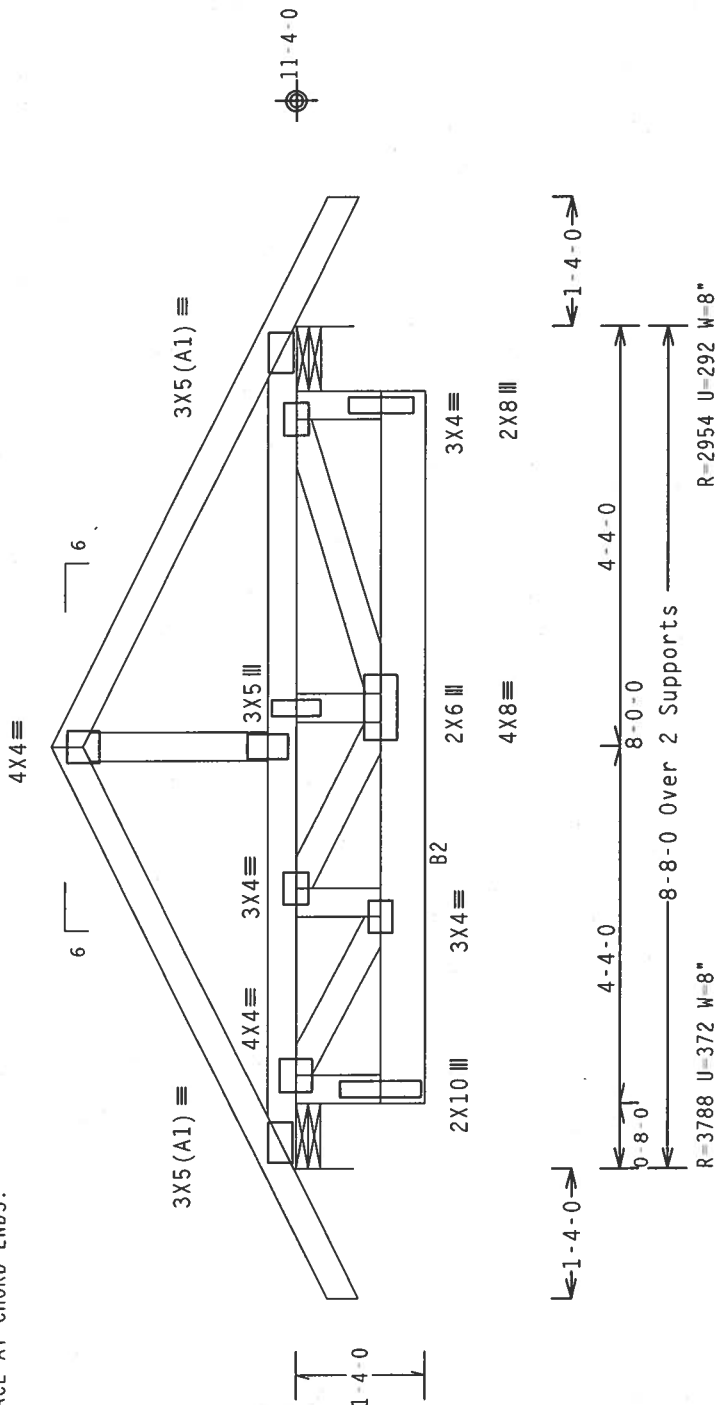
- (LUMBER DUR-FAC=1.25 / PLATE DUR-FAC=1.25)
- C - From 62 PLF at 1.33 to 62 PLF at 10.00
- C - From 4 PLF at 1.33 to 4 PLF at 0.00
- C - From 20 PLF at 0.00 to 20 PLF at 0.67
- C - From 20 PLF at 0.67 to 20 PLF at 8.67
- C - From 4 PLF at 8.67 to 4 PLF at 10.00
- LB- 1451 LB Conc. Load at (0.73,10.04)
- LB- 1468 LB Conc. Load at (2.73,10.04)
- LB- 1465 LB Conc. Load at (4.73,10.04), (6.73,10.04)

he overall height of this truss excluding overhang is 2'-6"-3".

EE DWGS BCFILLER1103 FOR FILLER DETAILS.
ATERALY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
NCLUDING A LATERAL BRACE AT CHORD ENDS.

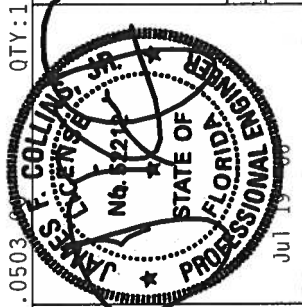
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 2.25" 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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503

REF	R215--	27172
DATE	07/19/06	
DRW	HCUSR215	06200124
HC-ENG	RA/WHK	
SEQN-	126778	
FROM	CDM	
JREF-	1SZ1215_Z08	



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

FL TYP. Wave

Scale = 5"/Ft.

QTY: 1 FL / - / 5 / - / - / R / -

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

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A 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 (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

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 A 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 (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - JCI)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N

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

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.

The overall height of this truss excluding overhang is 0-10-3.

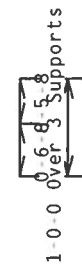
R=39 U=180



R=12 U=180

2X4 (A1) ≡

1-4-0



R=222 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

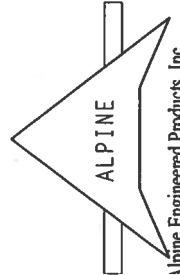
Cq/RT=1.00(1.25)/10(0)

QTY: 1

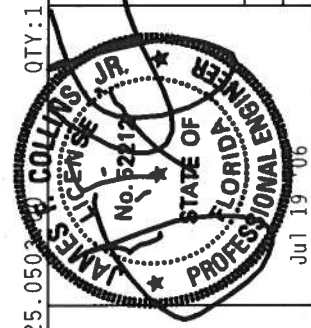
Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 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 (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R215--	27173
TC DL	10.0 PSF	DATE	07/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06200117
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	131500	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1SZ1215_Z08	

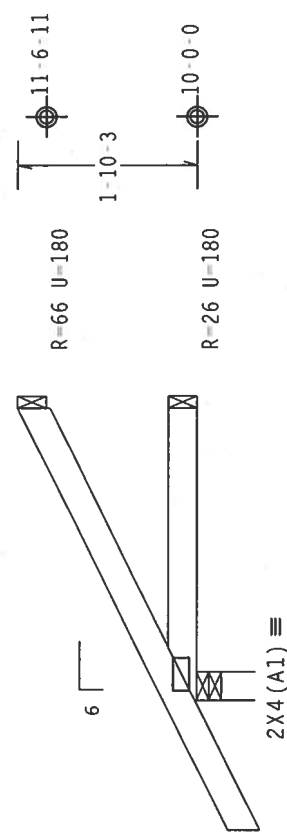
3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - JCS

op chord 2x4 SP #2 N
lot chord 2x4 SP #2 N

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

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.

The overall height of this truss excluding overhang is 1-10-3.

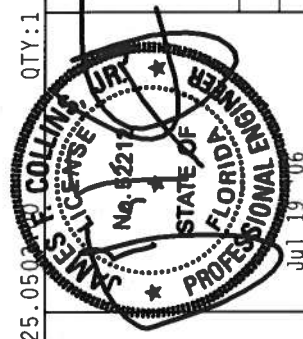


1-4-0

2-5-8
3-0-0 Over 3 Supports
R-244 U=180 W=3.5

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

QTY:1 FL/-/5/-/-/R/- Scale = 5" /Ft.



TC LL	20.0 PSF	REF	R215-- 27174
TC DL	10.0 PSF	DATE	07/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06200088
BC LL	0.0 PSF	HC-ENG	RA/WHK *
TOT.LD.	40.0 PSF	SEQN-	131502
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1S21215_Z08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'AMORE DR., SUITE 200, MADISON, WI 53719) AND MCA (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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Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

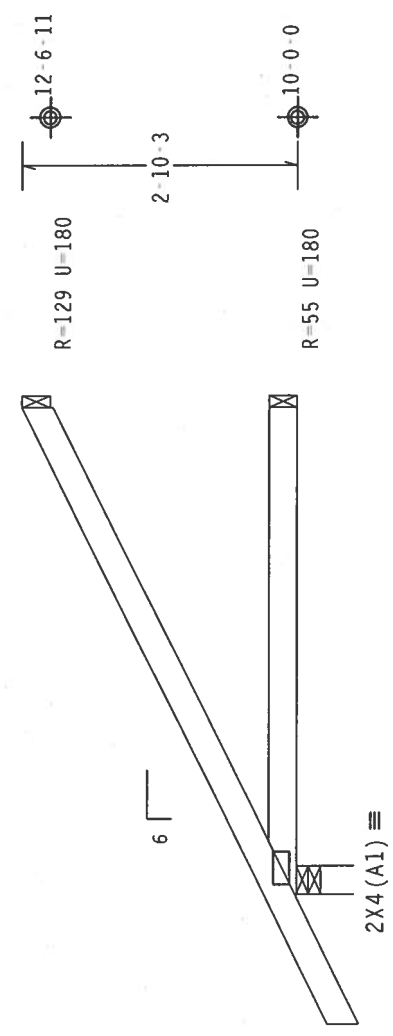
3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - JC5)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N

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

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

The overall height of this truss excluding overhang is 2-10-3.

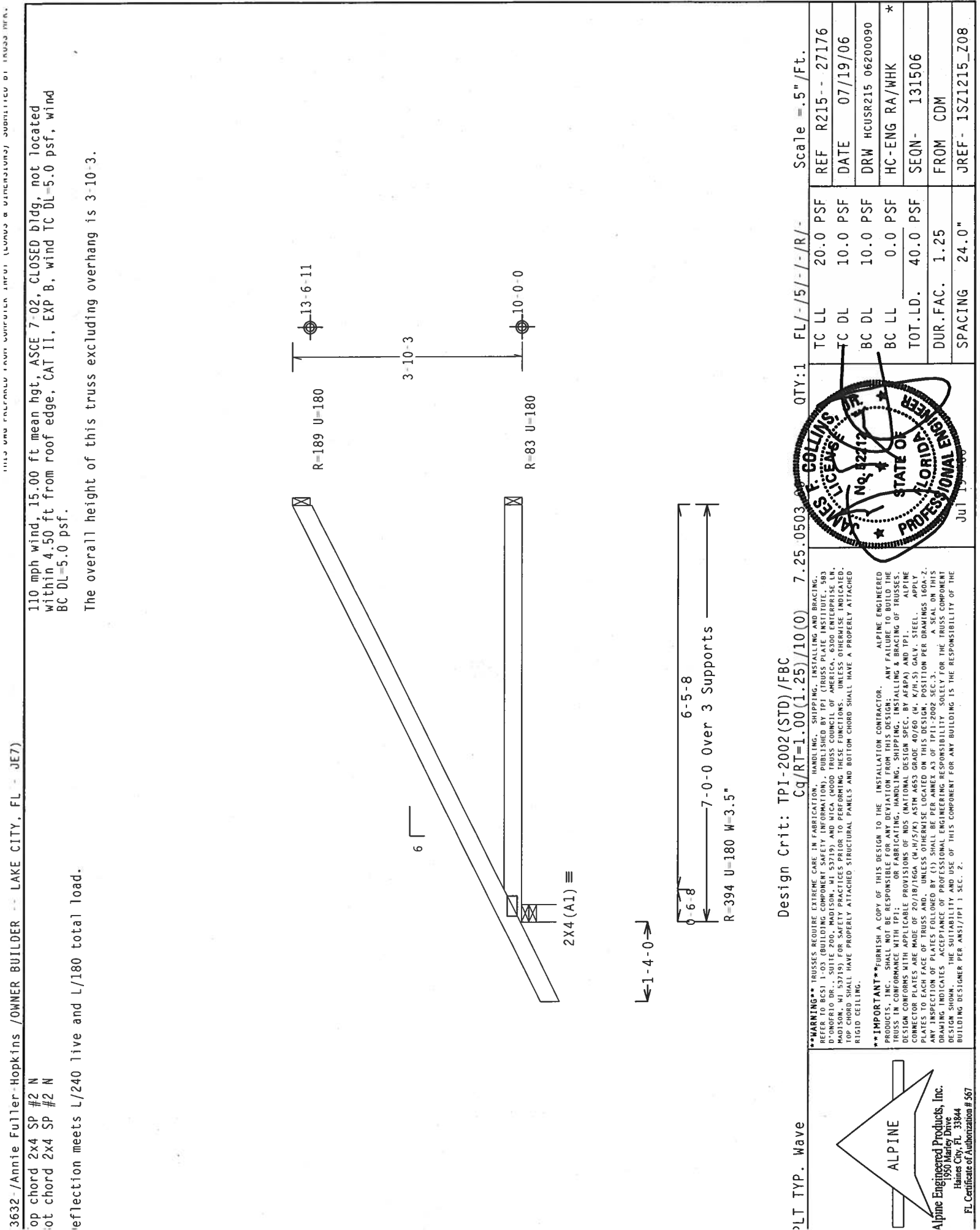


1-4-0

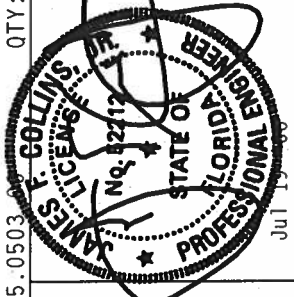
4-5-8
5-0-0 Over 3 Supports
R=316 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

ALT TYP. Wave	Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1		FL/-/5/-/-/R/-		Scale =.5"/Ft.	
	REF	R215--	27175	TC LL	20.0 PSF	
ALPINE Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	DATE	07/19/06		TC DL	10.0 PSF	
	DRW	HCUSR215	06200089	BC DL	10.0 PSF	
ALPINE Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	HC-ENG	RA/WHK	*	BC LL	0.0 PSF	
	SEQN-	131504		TOT.LD.	40.0 PSF	
ALPINE Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	FROM	CDM		DUR.FAC.	1.25	
	JREF-	1S21215_Z08		SPACING	24.0"	



3632-/Annie Fuller-Hopkins /OWNER BUILDER -- LAKE CITY, FL - JE7)	op chord 2x4 SP #2 N	ot chord 2x4 SP #2 N	reflection meets L/240 live and L/180 total load.	110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.	The overall height of this truss excluding overhang is 3-10-3.
Design Crit: TPI-2002(STD)/FBC	Cq/RT=1.00(1.25)/10(0)	7.25.0503	QTY:1	FL/-/5/-/-/R/-	Scale =.5"/Ft.
REF	R215--	27176	TC LL	20.0 PSF	
DATE	07/19/06		TC DL	10.0 PSF	
DRW	HCUSR215	06200090	BC DL	10.0 PSF	
HC-ENG	RA/WHK	*	BC LL	0.0 PSF	
SEQN-	131506		TOT.LD.	40.0 PSF	
FROM	CDM		DUR.FAC.	1.25	
JREF-	1SZ1215_Z08		SPACING	24.0"	



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND NICA (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 (M-H/S/K) ASTM A653 GRADE 40/60 (H, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE SIGNATURE OF A PROFESSIONAL ENGINEER RESPONSIBLE SOLELY FOR THE TRUSS COMPONENT DESIGN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567

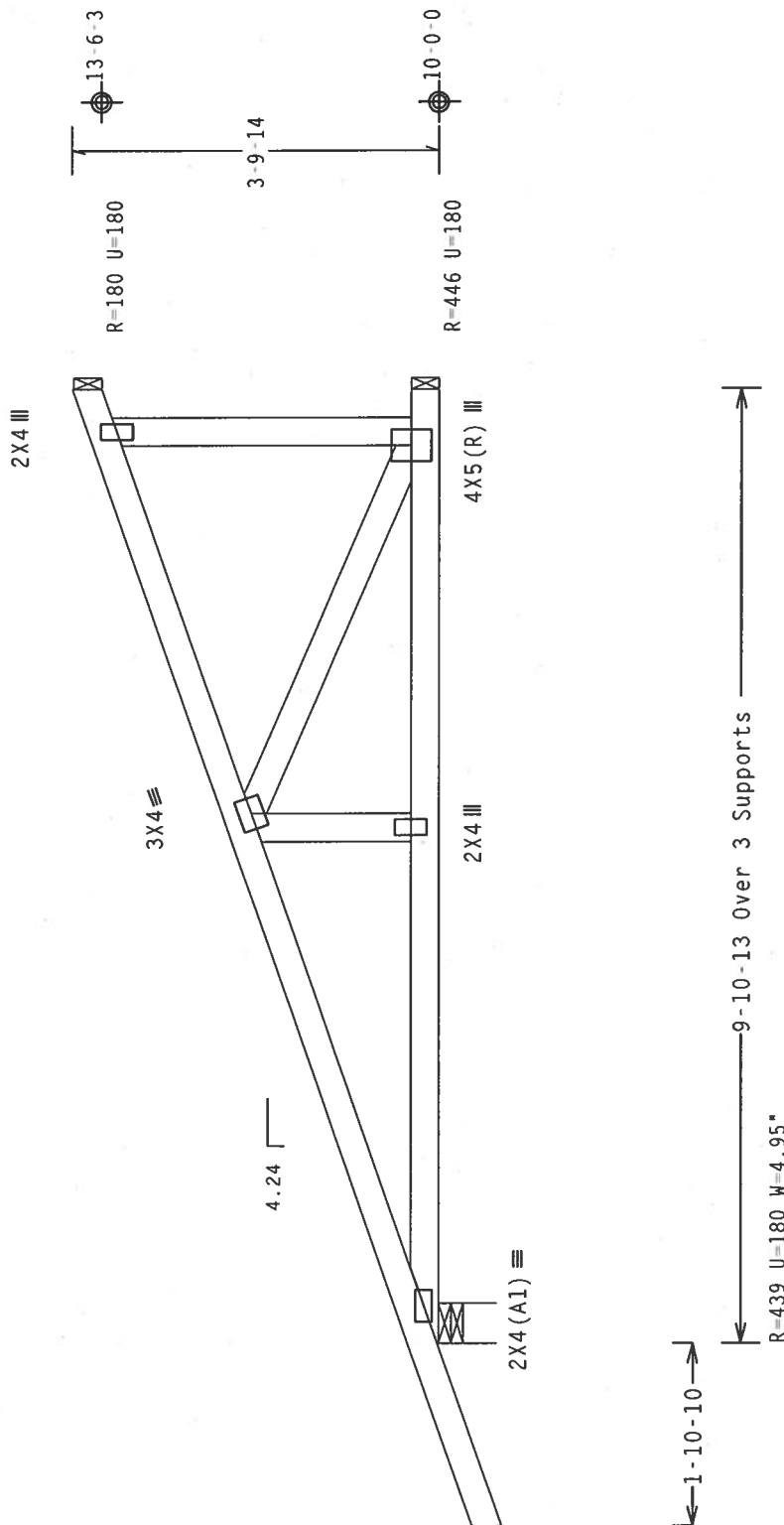
top	chord	2x4	SP	#2	N
bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 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.

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

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

the overall height of this truss excluding overhang is 3-9-14.



LT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0)$$

QTY:1 FL1-151-1-1R/-

Scale = 5"/Ft.

ALPINE

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

Jul 15 '00

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (TRUSS PLATE INSTITUTE, 593 D'AMBRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 PERMANENTLY TO THE DESIGN REQUIREMENTS, INCLUDING THE FOLLOWING, SHALL BE THE RESPONSIBILITY OF THE DESIGNER. CONFORM WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND TPI. CONNECTOR PLATES ARE MADE OF 70/18/17/66GA (W/H/S/1) ASTM A653 GRADE 40/60 (W/ K/H/S1) 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 ANNEK A3 OF IPTI 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.

STATE OF FLORIDA

PROFESSIONAL ENGINEER

J. COLLINS, JR.

No. 5212

REF	R215	--	27177
DATE	07/19/06		
DRW	HCUSR215	06200118	
HC-ENG	RA/WHK		
SEQN-	122349		
FROM	CDM		
DUR.FAC.	1.25		
SPACING	24.0"		
TC LL	20.0	PSF	
TC DL	10.0	PSF	
BC DL	10.0	PSF	
BC LL	0.0	PSF	
TOT.LD.	40.0	PSF	

op chord 2x4 SP #2 N
not chord 2x4 SP #2 N
Webs 2x4 SP #2 N

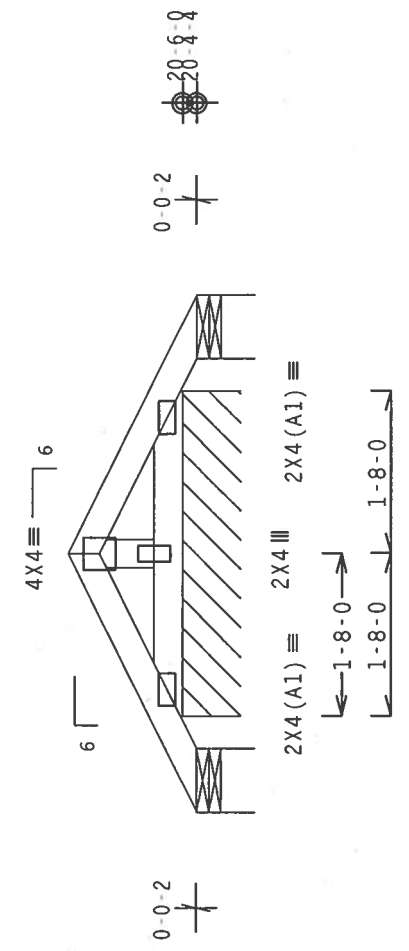
110 mph wind, 21.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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

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

he overall height of this truss excluding overhang is 1-3-15.

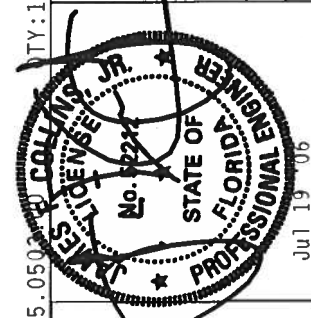
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
OP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.



R=19 U=180 W=7.826"
(7.576" Effective Contact)

R=19 U=180 W=7.826"
(7.576" Effective Contact)

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0503



TY:1	FL/-/5/-/R/-	Scale =.5"/Ft.
TC LL	20.0 PSF	REF R215-- 27178
TC DL	10.0 PSF	DATE 07/19/06
BC DL	2.0 PSF	DRW HCUSR215 06200119
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	32.0 PSF	SEQN- 126830
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1S21215_Z08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMICO DR., SUITE 200, MADISON, WI 53719), AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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 FOLLOW THIS DESIGN IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (M/N/S/K) ASTM A653 GRADE 40/60 (IN. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.

ALPINE

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

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

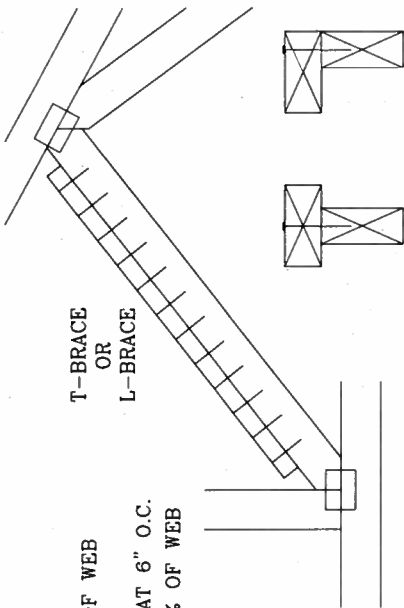
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

L-BRACING:

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

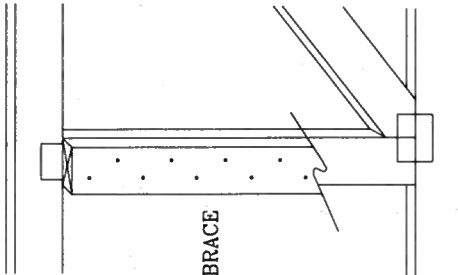


T-BRACE

L-BRACE

SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN
NAILS AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



SCAB BRACE

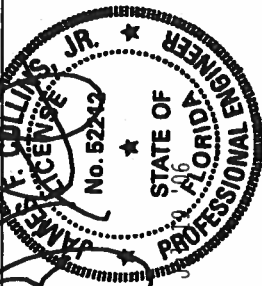
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI GROUPS, INC. (TPI GROUPS, INC., 1000 W. 10TH AVE., SUITE 200, DENVER, CO 80202) AND TCA WOOD TRUSS COUNCIL (TCA WOOD TRUSS COUNCIL, 1000 W. 10TH AVE., SUITE 200, DENVER, CO 80202) FOR SAFETY AND HANDLING INFORMATION. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. 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 2018/16GA (W/H/S/X) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY P.E. DESIGN, POSITION PLATES 1-2" FROM END OF TRUSS. DO NOT DRILL HOLES IN TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRLCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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

BRACING GROUP SPECIES AND GRADES:	
GROUP A:	
SPRUCE-PINE-FIR	HEM-FIR
#1 / #2 STANDARD	#2 STUD
#3 STUD	#3 STANDARD
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3 STUD	#3 STUD
STANDARD	STANDARD
GROUP B:	
HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR #1	#1
SOUTHERN PINE	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

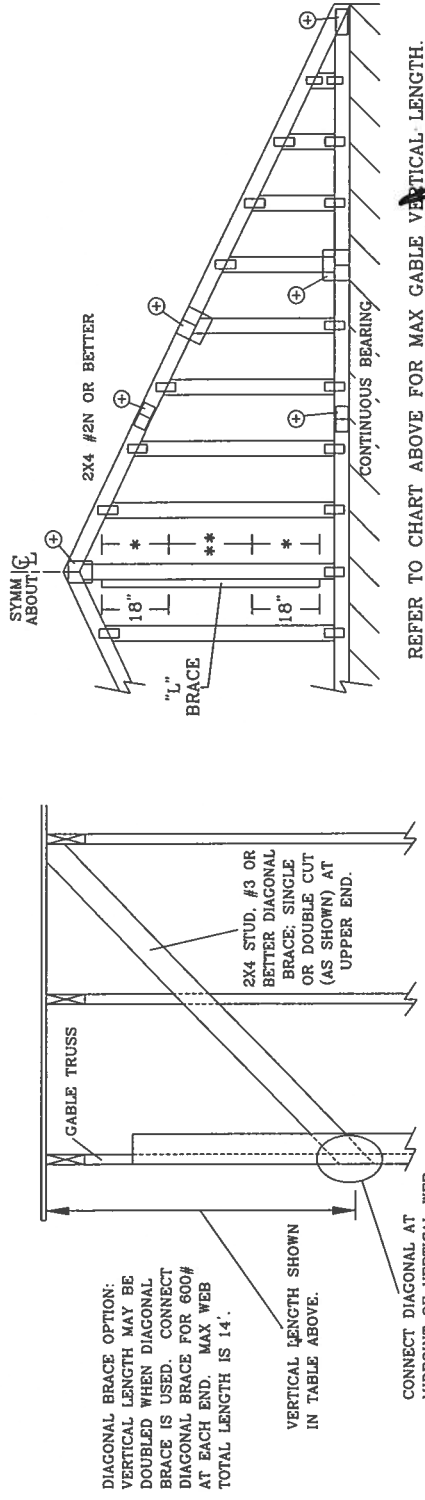
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

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

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

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

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

MAX. SPACING 24.0"

MAX. TOT. LD. 60 PSF

REF ASCE7-02-GABI1015

DATE 04/15/05

DRWG A11015EE0405

-ENG

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ONOFREID DR., SUITE 200, MADISON, WI 53719 AND VITA (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 RIGID CEILING STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE USER OF THIS DESIGN SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING. BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/S/A) 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

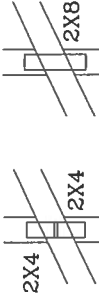
JAMES F. COLLING JR.
No. 82212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

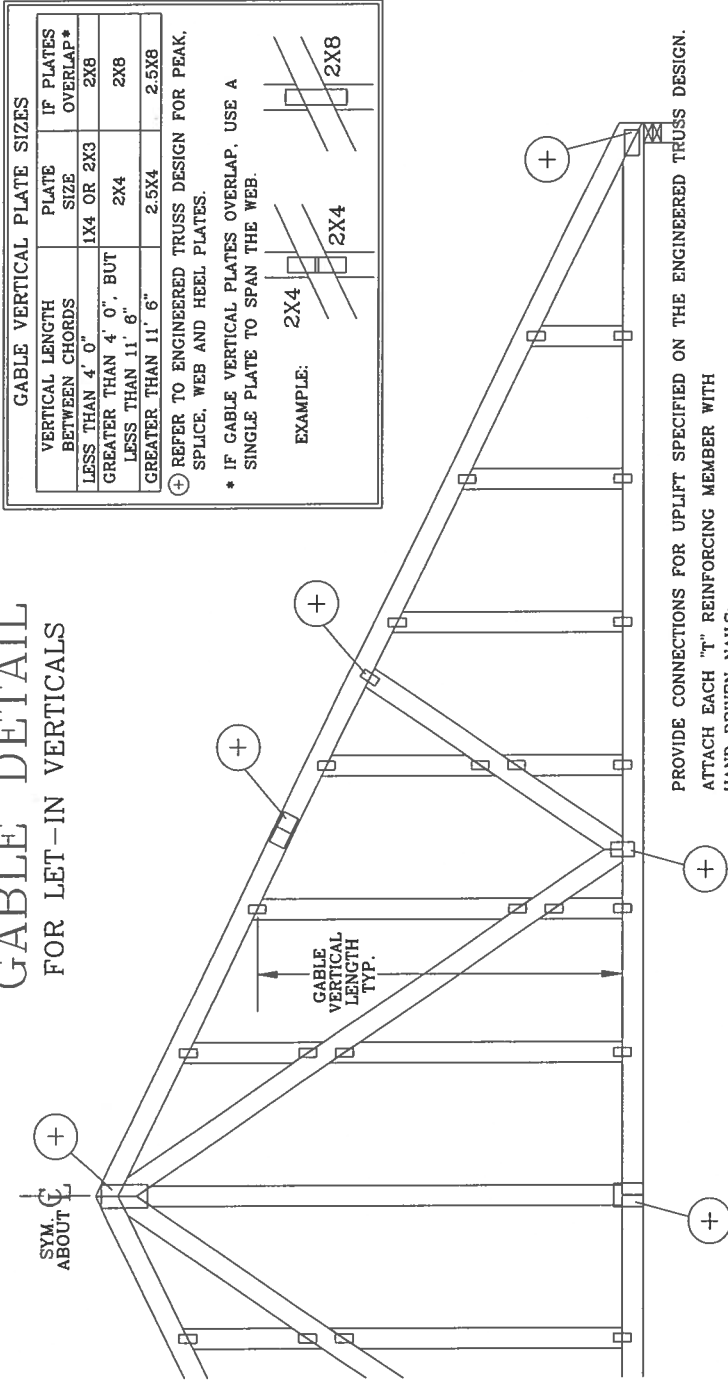
GABLE DETAIL FOR LET-IN VERTICALS

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

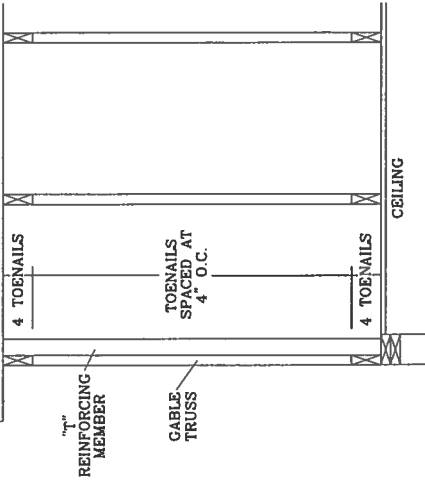
⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
SPICE, WEB AND HEEL PLATES.

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

EXAMPLE: 



RIGID SHEATHING



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS

(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL, FOR ASCE

OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A10015ENI103, A10015ENI103, A09015ENI103, A08015ENI103, A07015ENI103
A11030ENI103, A10030ENI103, A09030ENI103, A08030ENI103, A07030ENI103

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015ECI103, A12015ECI103, A11015ECI103, A10015ECI103, A08515ECI103
A13030ECI103, A12030ECI103, A11030ECI103, A10030ECI103, A08530ECI103

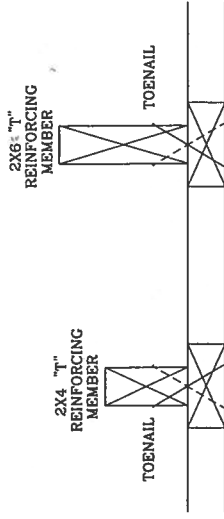
ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,
A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

VERTICAL LENGTH.



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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 8' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLLETN0405
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
BRACING. REFER TO BC51 L-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS
PLATE INSTITUTE, 583 D'ONDRE DR., SUITE 200, MADISON, WI 53719) AND WTC (WOOD TRUSS COUNCIL
OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. 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/X) ASTM A653 GRADE
40/60 (W/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 TPI L-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE
DESIGN AND THE QUALITY OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE
SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING
DESIGNER, PER ANSI/TPI 1 SEC. 2.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

