

DATE 07/14/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022081

APPLICANT FREDRICK PERRY PHONE 752-2832
ADDRESS RT 4 BOX 288 LAKE CITY FL 32024
OWNER GRAHAM WHITE PHONE 752-2832
ADDRESS 441 SW LOCKHEAD LANE LAKE CITY FL 32025
CONTRACTOR FREDRICK PERRY PHONE 752-2832
LOCATION OF PROPERTY 90 W, L 341, L ON LOCKHEAD, LAST ON LEFT

TYPE DEVELOPMENT SFD, Addition ESTIMATED COST OF CONSTRUCTION 10200.00
HEATED FLOOR AREA 204 TOTAL AREA _____ HEIGHT 16.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 12-4S-16-02935-136 SUBDIVISION CANNON CREEK ESTATES
LOT 5 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 2.92

RB0050165 x Fredrick L Perry
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
EXISTING 99-0399-N LH RJ N
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE, ENGINEERING LETTER GIVEN SET FLOOR ELEVATION 2" ABOVE
THE NATURAL GRADE

Check # or Cash 6023

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by _____ date/app. by _____
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by _____ date/app. by _____
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 55.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 105.00

INSPECTORS OFFICE L. H. Sch CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR 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

For Office Use Only Application # 6407-06 Date Received 7-2-04 By LH Permit # 22081
Application Approved by - Zoning Official LH Date 7-14-04 Plans Examiner RJ Date 7-14-04
Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RLD
Comments _____

Applicants Name Fredrick L. Perry Phone 752-2832
Address Rt. 4 Bx 288 Lake City, FL 32024
Owners Name Graham White Phone _____
911 Address 441 S.W. Lockheed Lane Lake City, FL 32025-9202
Contractors Name Fredrick L. Perry Phone 752-2832
Address Rt. 4 Bx 288 Lake City, FL 32024
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Mark Disosway P.O. Box 868 Lake City, FL 32026
Mortgage Lenders Name & Address NA

Property ID Number 12-45-16-02935-136 Estimated Cost of Construction \$15,750.00
Subdivision Name Cannon Creek Estates Lot 5 Block _____ Unit _____ Phase _____
Driving Directions Take 90 W. Turn left on Sister's Welcome Rd, Turn Left on Lockheed Lane, Last House on Left

Type of Construction S/P Addition Number of Existing Dwellings on Property 1
Total Acreage 2.92 Lot Size 2.92 AC Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 59.1' Side 156.6' Side 87.5' Rear 250'
Total Building Height 16' Number of Stories 1 Heated Floor Area 2807 Roof Pitch 7/12

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

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

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

Fredrick L. Perry
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20____.
Personally known _____ or Produced Identification _____

Fredrick L. Perry
Contractor Signature
Contractors License Number RB0050165
Competency Card Number 5349

NOTARY STAMP/SEAL

Notary Signature _____

Mark Disosway, P.E.

POB 868, Lake City, FL 32056, Ph 386-754-5419, Fax 386-754-6749

07 Jun 2004

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, White Residence Addition, 441 SW Lockheed Lane, Columbia County, FL

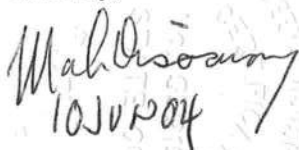
Dear Building Inspector:

I have reviewed the Flood Insurance Rate Map and NGS topographic map and performed a site evaluation for the White Residence, 441 SW Lockheed Lane, Columbia County, FL. The existing grade elevation within the addition perimeter is less than one foot above the nearby county road.

However, it is visually apparent, confirmed by the contractor's grade shots, that the lot grade generally slopes down away from the building site, toward the road, into a drainage grating in the ditch, thence across under the road, to the opposite ditch, and down the road to an isolated area of flood hazard zone A as shown on the FEMA map, and then to Cannon Creek. Also, it is apparent from the FEMA flood map that the building site is above the 500 year flood plain. I recommend the finished floor elevation be a minimum of 2" above the natural grade elevation to avoid flood and water damage and that a curb be cast monolithically with the slab to keep the wood sill plate 6" minimum above finished grade.

Grade the perimeter so that all runoff drains away from the building towards the storm drain grating inlet. The owner must maintain the slab and foundation free from cracks to prevent intrusion of water.

Sincerely,



Mark Disosway, PE

FBC 2001, SECTION 1804 FOOTINGS AND FOUNDATIONS

§1804.1 General

§1804.1.1 Foundations shall be built on undisturbed soil or properly compacted fill material. Foundations shall be constructed of materials described in this chapter.

§1804.1.2 Pile foundations shall be designed and constructed in accordance with §1805.

§1804.1.3 The bottom of foundations shall extend no less than 12 inches (305 mm) below finish grade.

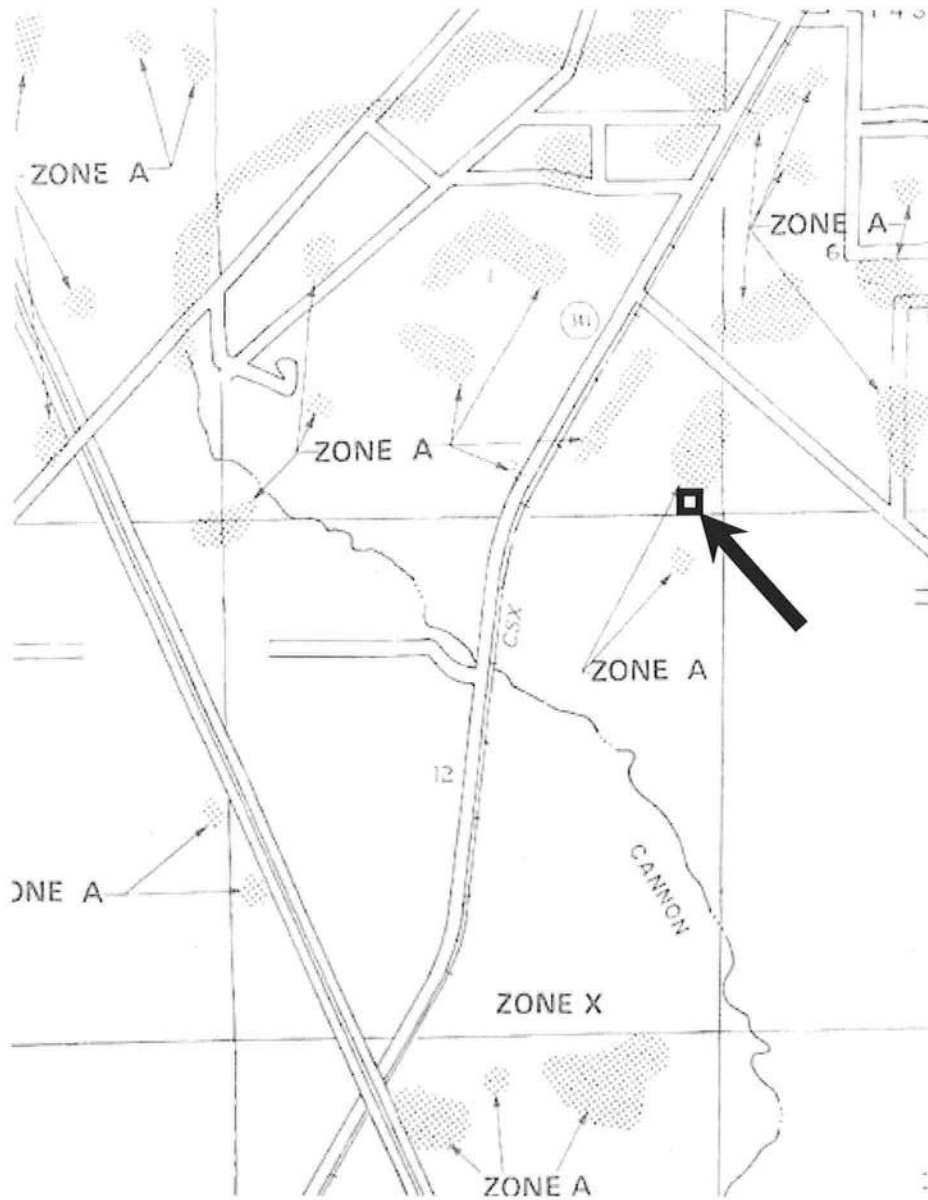
§1804.1.4 Temporary buildings and buildings not exceeding one story in height and 400 sq ft (37 m²) in area shall be exempt from these requirements.

§1804.1.5 Excavations for foundations shall be backfilled with soil which is free of organic material, construction debris and large rocks.

§1804.1.6 Where water impacts the ground from a roof valley, downspout, scupper or other rain water collection or diversion device, provisions shall be made to prevent soil erosion and direct the water away from the foundation.

§1804.1.7 Finish grade shall be sloped away from the foundation for drainage.

§1804.1.8 The area under footings, foundations and concrete slabs on grade shall have all vegetation, stumps, roots and foreign materials removed prior to their construction. Fill material shall be free of vegetation and foreign material.





06-4S-17-08037-000
HUNTER GEORGE W TRU
6/19/1990 - \$165,000 - V

LOT 4

N00°39'46"W 397.80' (P)
S 00°40'55" E 397.52' (S)

FCM 4"x4"
LS 1079

THE SOUTH 1/2 LOT 5



POND

WOOD DOCK

LOT 6

N00°39'46"W 396.56' (P)

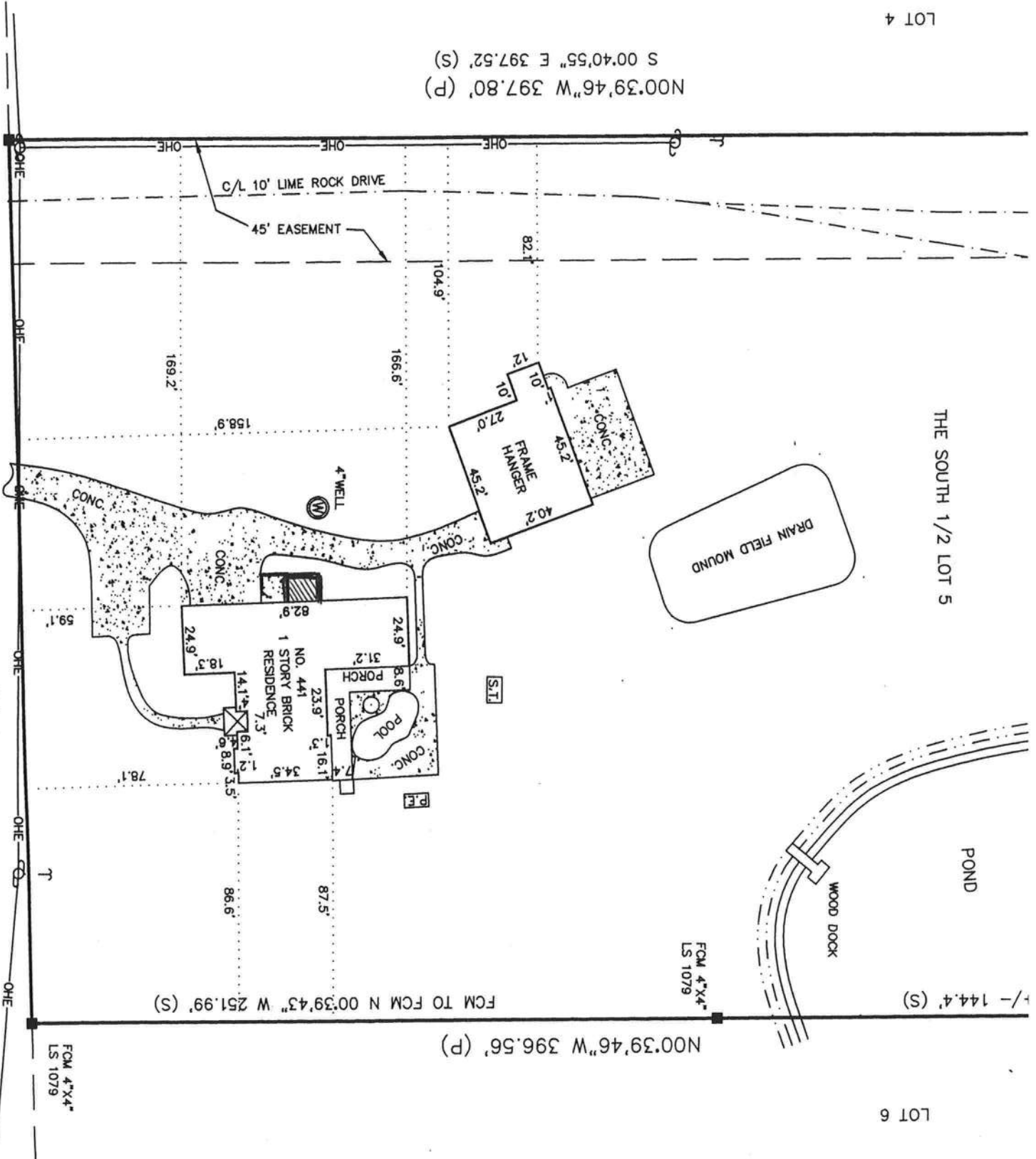
FCM TO FCM N 00°39'43" W 251.99' (S)

FCM 4"x4"
LS 1079

FCM 4"x4"
LS 1079

N87°59'09"E 320.00' (P)
REFERENCE BEARING
N 87°59'09" E 319.99' (S)

Addition



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 (863) 422-8685

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID: ISE1487-Z0328181122

Truss Fabricator: Anderson Truss Company
Job Identification: 273-FREDRICK PERRY / WHITE (273|-FREDRICK PERRY / WHITE)

Truss Count: 10

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995(STD)/FBC

Engineering Software: Alpine Software, Versions 6.33.0716.23, 7.00.1218.19.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE-98 -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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: CNBRGBLK

Seal Date: 06/28/2004

-Truss Design Engineer-

Nawaf Esayed

Florida License Number: 58604

1950 Marley Drive

Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	10708--A-1		04176087	06/24/04
2	10709--A		04176085	06/24/04
3	10710--H9A		04176086	06/24/04
4	10711--H7A		04176088	06/24/04
5	10712--CJ1		04176089	06/24/04
6	10713--HJ7		04176090	06/24/04
7	10714--CJ3C		04176091	06/24/04
8	10715--CJ3		04176092	06/24/04
9	10716--CJ5		04176093	06/24/04
10	10717--EJ7		04176094	06/24/04



THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
TEL: 773-936-3000

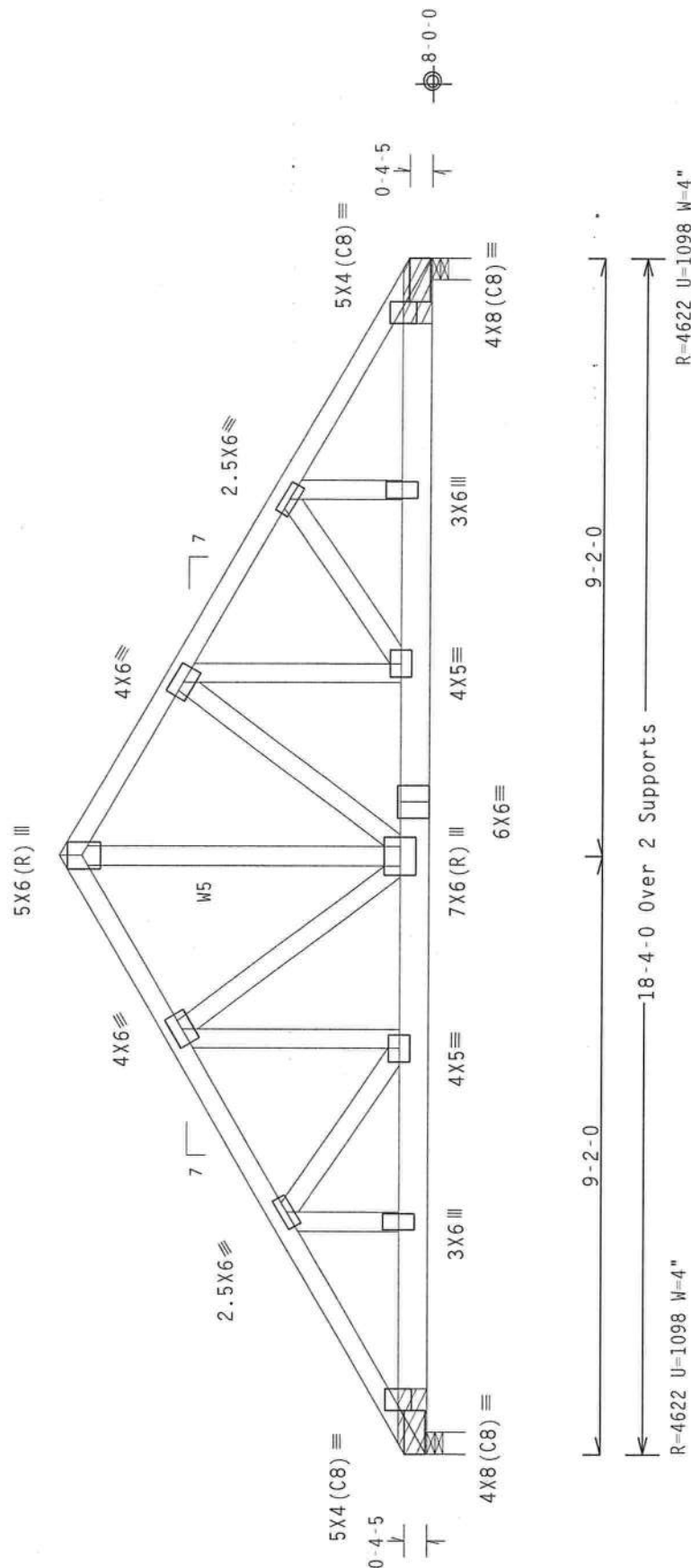
Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:

Girder supports 24-0-0 spans to BC one face.

Bearing blocks: Nail type: 12d common nails			
BRG	X-LOC	#BLOCKS	LENGTH/BLK #NAILS/BLK
1	0.000'	1	12" 6
2	18.000'	1	12" 6

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



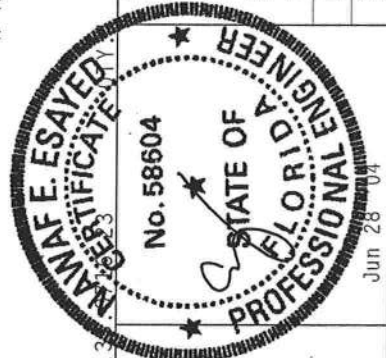
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

2

Scale = .375" / Ft.

TC LL	20.0 PSF	REF R487-- 10708
TC DL	10.0 PSF	DATE 06/24/04
BC DL	10.0 PSF	DRW HCUSR487 04176087
BC LL	0.0 PSF	HC-ENG JB/NE
TOT.LD.	40.0 PSF	SEQN- 85914
DUR.FAC.	1.25	FROM SA
SPACING	24.0"	JREF- 1SE1487 Z03



ALPINE

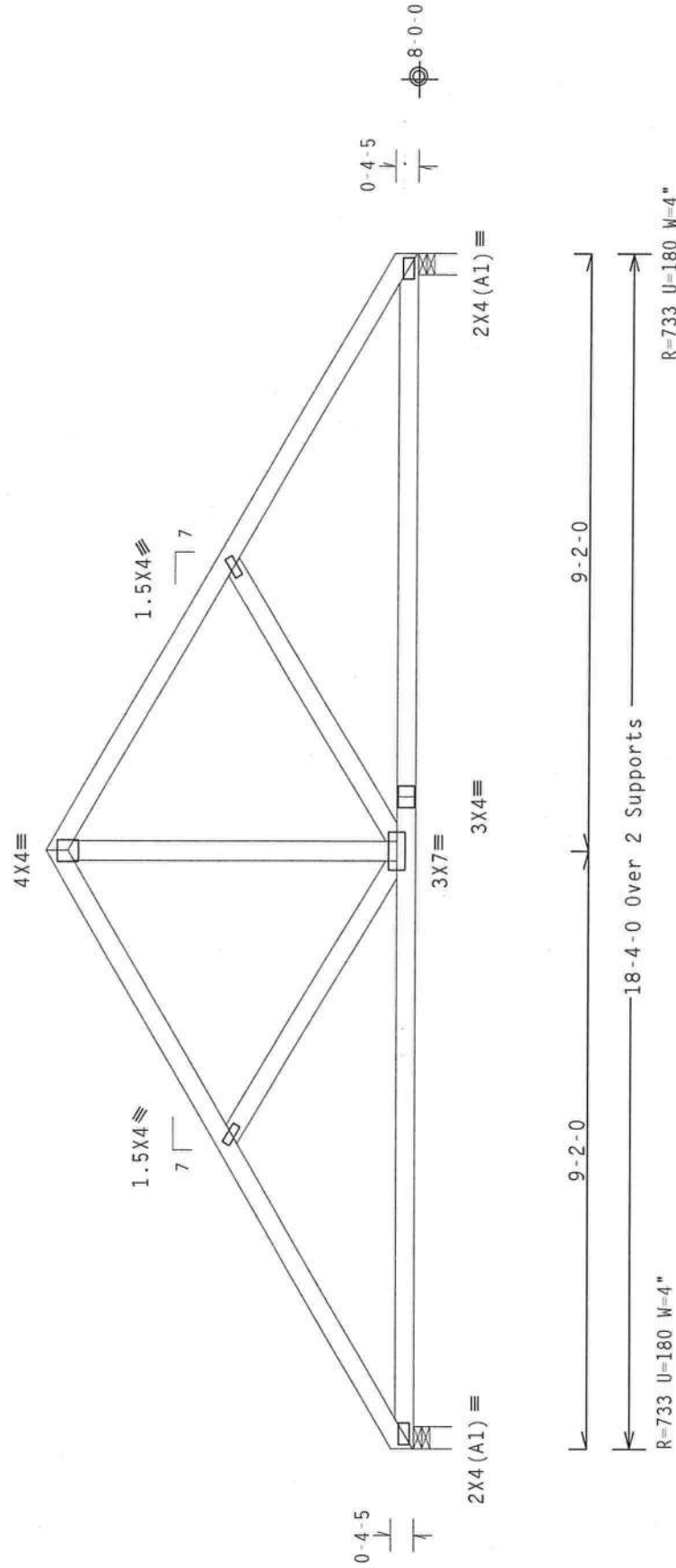
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567

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

110 mph wind, 11.03 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



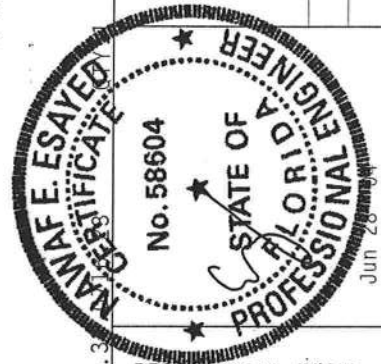
'LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

3

FL/-/3/-/-/R/-
Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	10709
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCUSR487	04176085
BC LL	0.0 PSF	HC-ENG	JB/NE	*
TOT.LD.	40.0 PSF	SEQN-	85917	
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487	Z03



ALPINE

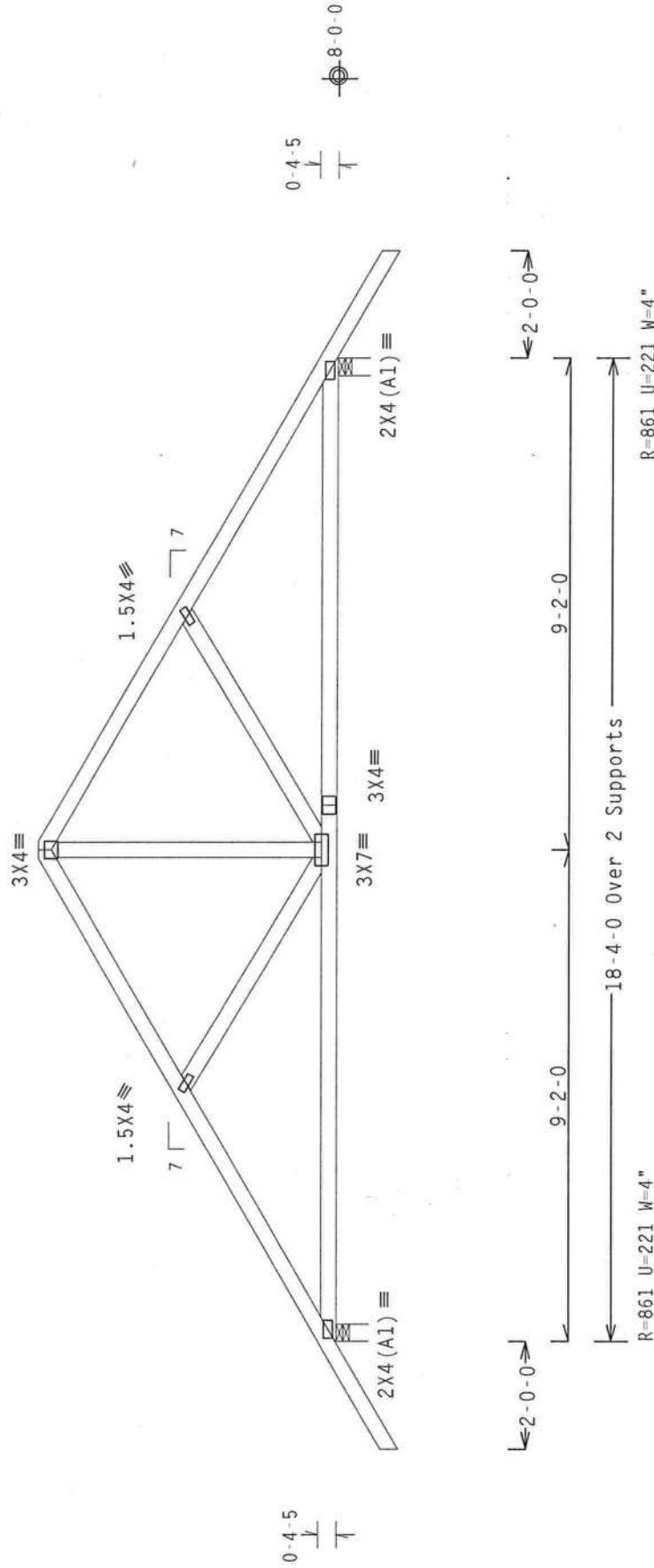
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 561

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

110 mph wind, 10.40 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

6.3

FL/-3/-/-R/-

Scale = .3125"/Ft.

REF	R487	--	10710
DATE	06/24/04		
DRW	HCUSR487		04176086
HC-ENG	JB/NE		*
SEQN	85920		
FROM	SA		
JREF	1SE1487		_Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO 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. 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 TPI-1995 (STD)/FBC. PROVIDE TO THE INSTALLATION CONTRACTOR A COPY OF THIS DESIGN TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS AND 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.



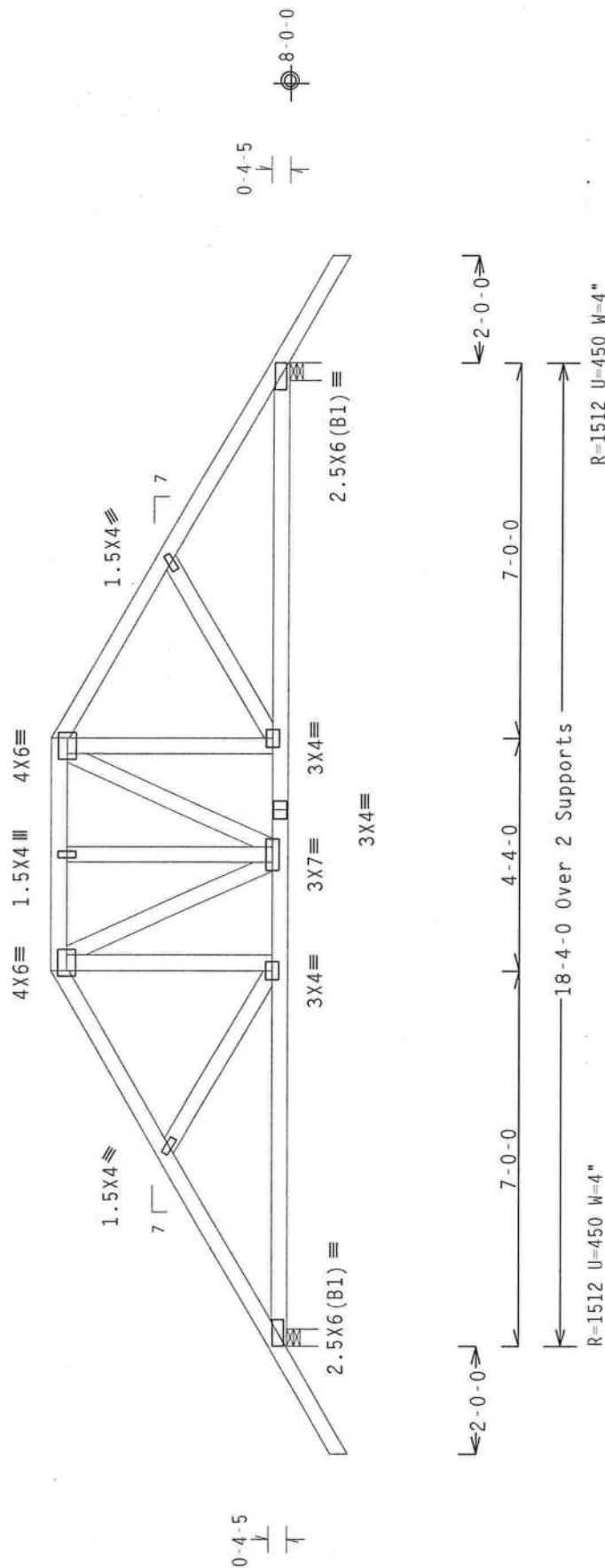
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

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

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



PLT TYP. Wave TPI

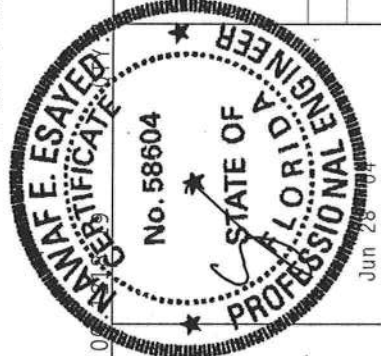
Design Crit: TPI-1995(STD)/FBC

05

FL/-/3/-/-/R/-/-

Scale = 3125"/Ft

TC LL	20.0 PSF	REF	R487--	10711
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCUSR487	04176088
BC LL	0.0 PSF	HC-ENG	JB/NE	
TOT.LD.	40.0 PSF	SEQN-	63848	REV
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487 Z03	



Haines City, FL 33844
FL Certificate of Authorization # 567

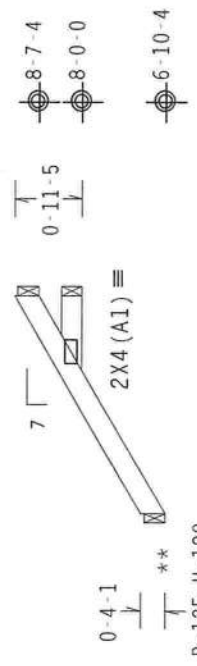
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 8.07 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

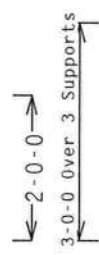
Deflection meets L/360 live and L/240 total load.

** PROVIDE CONNECTION FOR 180# UP OR DOWN AT FASCIA BEAM. FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

R=114 U=180



R=9 U=180



ALT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL/-/3/-/-/R/- Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 --	10712
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCUSR487	04176089
BC LL	0.0 PSF	HC-ENG	JB/NE	
TOT.LD.	40.0 PSF	SEQN-	85926	
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487_Z03	



****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WIGA (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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE APPLIES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED PER DRAWINGS. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. 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 # 567

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

The following trusses need concentrated loads at the end of their overhangs: 7-0-0 span/setback member on the 2-0-0 cant side requires 190 lbs and the 7-0-0 span/setback member on the 2-0-0 cant side requires 190 lbs.

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

+ 259# CONCENTRATED LOAD FROM FASCIA BEAMS: FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

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

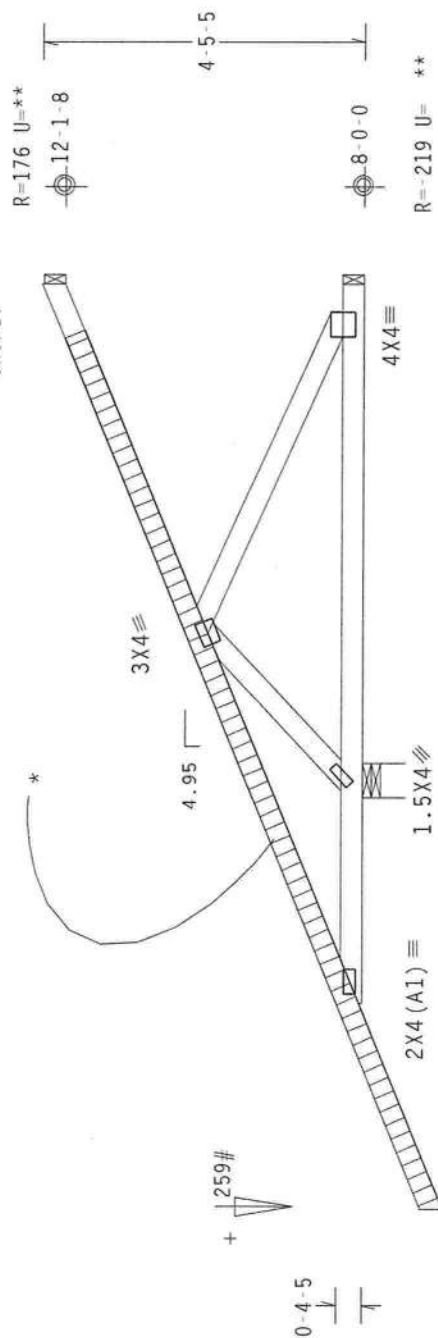
Sub-fascia beam assumptions: 9-0-0 sub-fascia beam on the 2-0-0 cantilever side. 9-0-0 sub-fascia beam on the 2-0-0 cantilever side.

Hipjack supports 7-0-0 setback jacks with 2-0-0 cantilever one face; 2-0-0 cantilever opposite face.

* 2X4X 13'-0" SP #2 DENSE SCAB AS SHOWN; ATTACH TO ONE FACE OF TRUSS WITH (0.148"X3.0") NAILS AT 4" O.C. ALONG THE LENGTH OF THE TOP CHORD.

** Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.

** Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bottom chord.

~~DLT TYP. Wave TPI~~

Design Crit: TPI-1995 (STD) / FBC

0

El 1-131-1-1-1-

Scale = .375" / Ft.

TC LL	20.0	PSF	REF	R487 - -	10713
TC DL	10.0	PSF	DATE	06/24/04	
BC DL	10.0	PSF	DRW	HCUSR487	04176090
BC LL	0.0	PSF	HC - ENG	JB/NE	
TOT.LD.	40.0	PSF	SEQN -	62856	REV
DUR.FAC.	1.25		FROM	SA	
SPACING	24.0"		JREF -	1SE1487	Z03



ALPINE

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

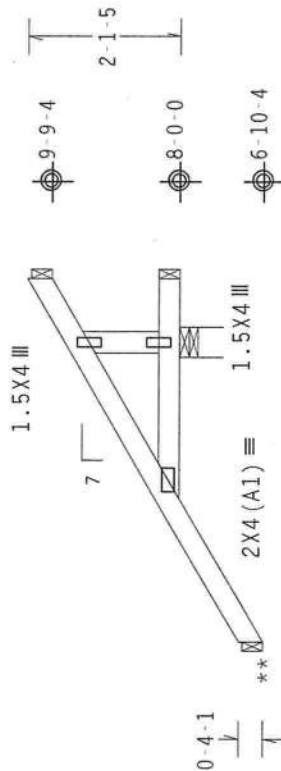
Deflection meets L/180 live and L/120 total load.

110 mph wind, 8.65 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

** PROVIDE CONNECTION FOR 180# UP OR DOWN AT FASCIA BEAM. FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

PROVIDE (3) 16d COMMON (0.162"x3.5") NAILS, TOE NAILED AT T.C.
PROVIDE (3) 16d COMMON (0.162"x3.5") NAILS, TOE NAILED AT B.C.

R=-129 U=180



R=131 U=180

R=-108 U=180

←-2-0-0→

←-5-0-0 Over 4 Supports →

R=514 U=180 W=5.062"

2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.00

FL/-3/-/-/-

Scale =.375"/Ft.

TC LL	20.0 PSF	REF	R487--	10714
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCUSR487	04176091
BC LL	0.0 PSF	HC-ENG	JB/NE	
TOT.LD.	40.0 PSF	SEQN-	62862	REV
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487_Z03	



****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 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 THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC, NATIONAL DESIGN SPEC. FOR STEEL CONSTRUCTION, 1989 EDITION, AND AISC 360-10. ALL STEEL SHALL BE A36 STEEL. ALL STEEL SHALL BE GALV. STEEL. ALL 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 ANS 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.

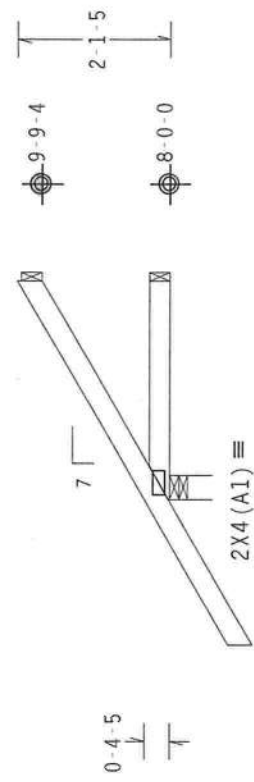
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(273-FREDRICK PERRY / WHITE - C33)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
110 mph wind. 8.65 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

R=29 U=180



R=17 U=180



ALPINE

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

FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

6.3

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487--	10715
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCUSR487	04176092
BC LL	0.0 PSF	HC-ENG	JB/NE	
TOT.LD.	40.0 PSF	SEQN-	85935	
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487_Z03	

STATE OF FLORIDA

Professional Engineer

No. 58604

Jun 28 04

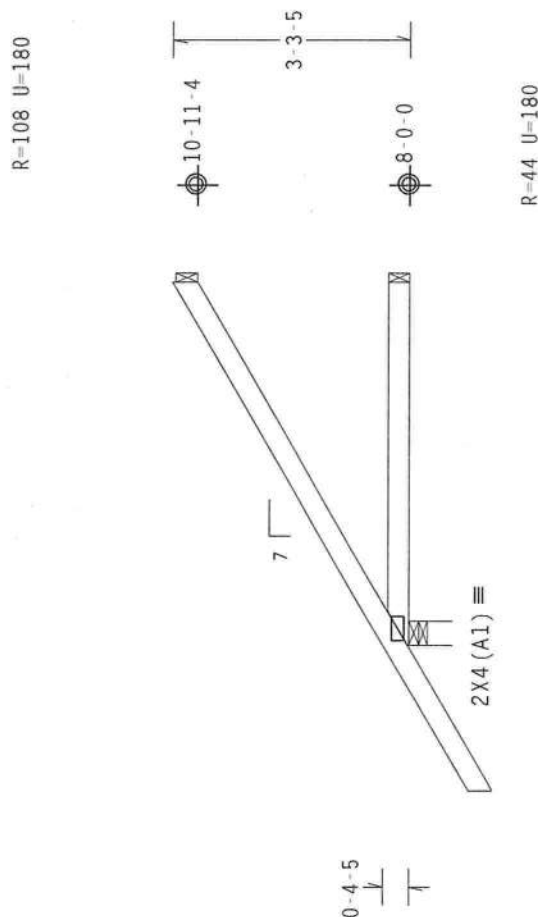
WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER MUST FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER AND THE DESIGNER. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.

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-1995(STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI-1995(STD). CONNECTOR PLATES ARE MADE OF 20/16/16GA (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.

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

110 mph wind, 9.23 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



2-0-0

←5-0-0 Over 3 Supports →

PLT TYP. Wave TPI

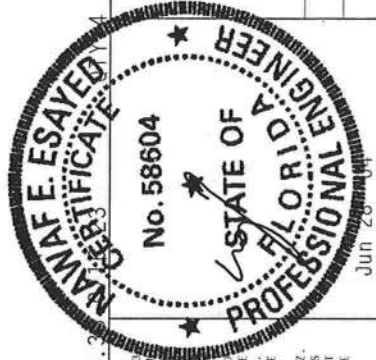
Design Crit: TPI-1995 (STD) / FBC

5.

FI 1-131-1-1R1-

$$\text{Scale} = 375''/\text{Ft}$$

TC LL	20.0 PSF	REF	R487 - -	10716
TC DL	10.0 PSF	DATE	06/24/04	
BC DL	10.0 PSF	DRW	HCU\$R487	04176093
BC LL	0.0 PSF	HC-ENG	JB/NE	
TOT.LD.	40.0 PSF	SEQN-	85938	
DUR.FAC.	1.25	FROM	SA	
SPACING	24.0"	JREF-	1SE1487 Z03	



ALPTNE

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

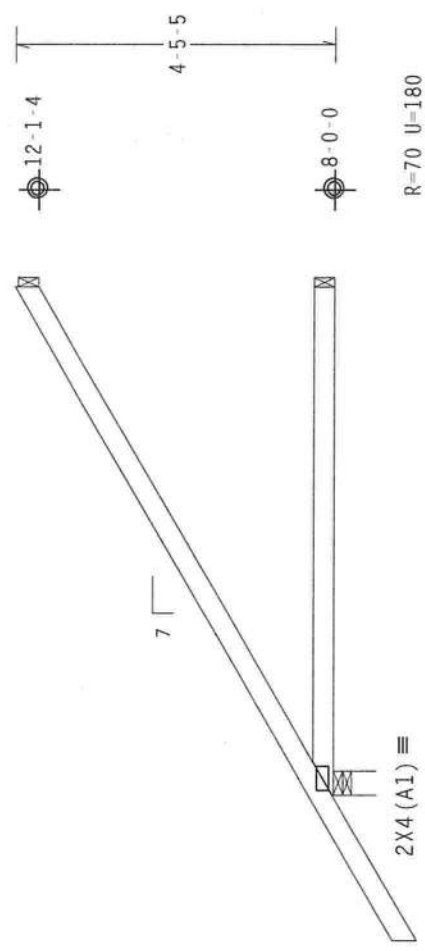
Haines City, FL 33844
FL Certificate of Authorization # 567

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

110 mph wind, 9.82 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within
4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

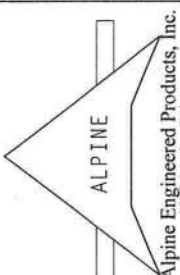
Deflection meets L/360 live and L/240 total load.

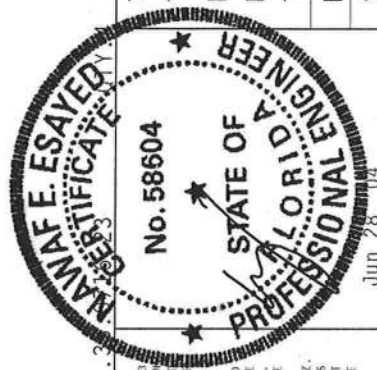
R=173 U=180



7-0-0 Over 3 Supports

R=445 U=180 W=4"

ALT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
	6.3	FL/-/3/-/-/R/-	20.0 PSF	REF R487 -- 10717
	No. 58604		10.0 PSF	DATE 06/24/04
	STATE OF FLORIDA		10.0 PSF	DRW HCUSR487 04176094
Professional Engineer			0.0 PSF	HC-ENG JB/NE
			40.0 PSF	SEQN- 85941
			1.25	FROM SA
			24.0"	JREF- 1SE1487_Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 500 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 AISC (RATIONAL DESIGN SPEC, BY AREA) AND TPI. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (RATIONAL DESIGN SPEC, BY AREA) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSTION PER 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.

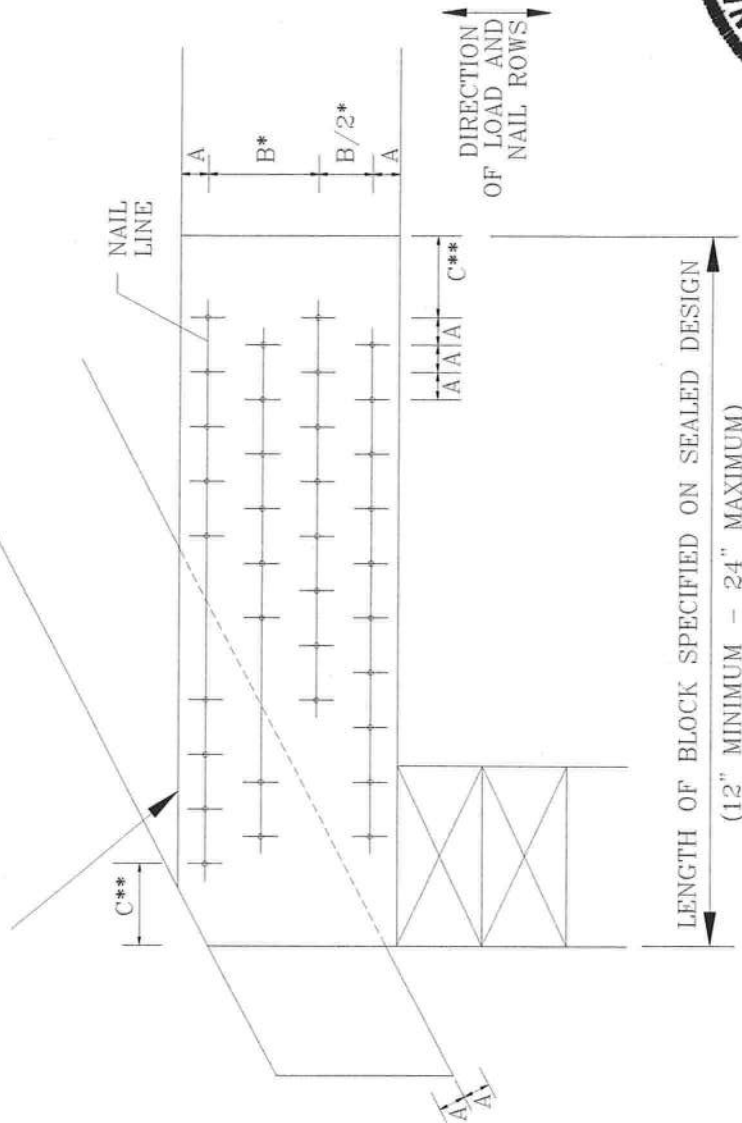
BEARING BLOCK NAIL SPACING DETAIL

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

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

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

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



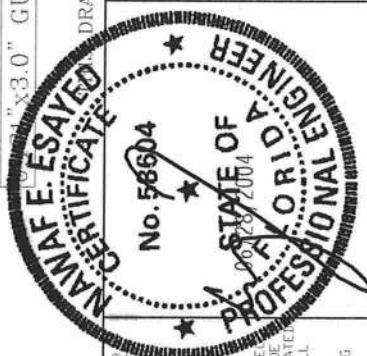
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE					
	2X4	2X6	2X8	2X10	2X12	
8d BOX (0.113"x2.5")	3	6	9	12	15	
10d BOX (0.128"x3")	3	5	7	10	12	
12d BOX (0.128"x3.25")	3	5	7	10	12	
16d BOX (0.135"x3.5")	3	5	7	10	12	
20d BOX (0.148"x4")	2	4	5	6	8	
8d COMMON (0.131"x2.5")	3	5	7	10	12	
10d COMMON (0.148"x3")	2	4	6	8	10	
12d COMMON (0.148"x3.25")	2	4	6	8	10	
16d COMMON (0.162"x3.5")	2	4	6	8	10	
0.120"x2.5" GUN	3	6	8	11	14	
0.131"x2.5" GUN	3	5	7	10	12	
0.120"x3.0" GUN	3	6	8	11	14	
0.131"x3.0" GUN	3	5	7	10	12	

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"x2.5" GUN	7/8"	1 5/8"	2"
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

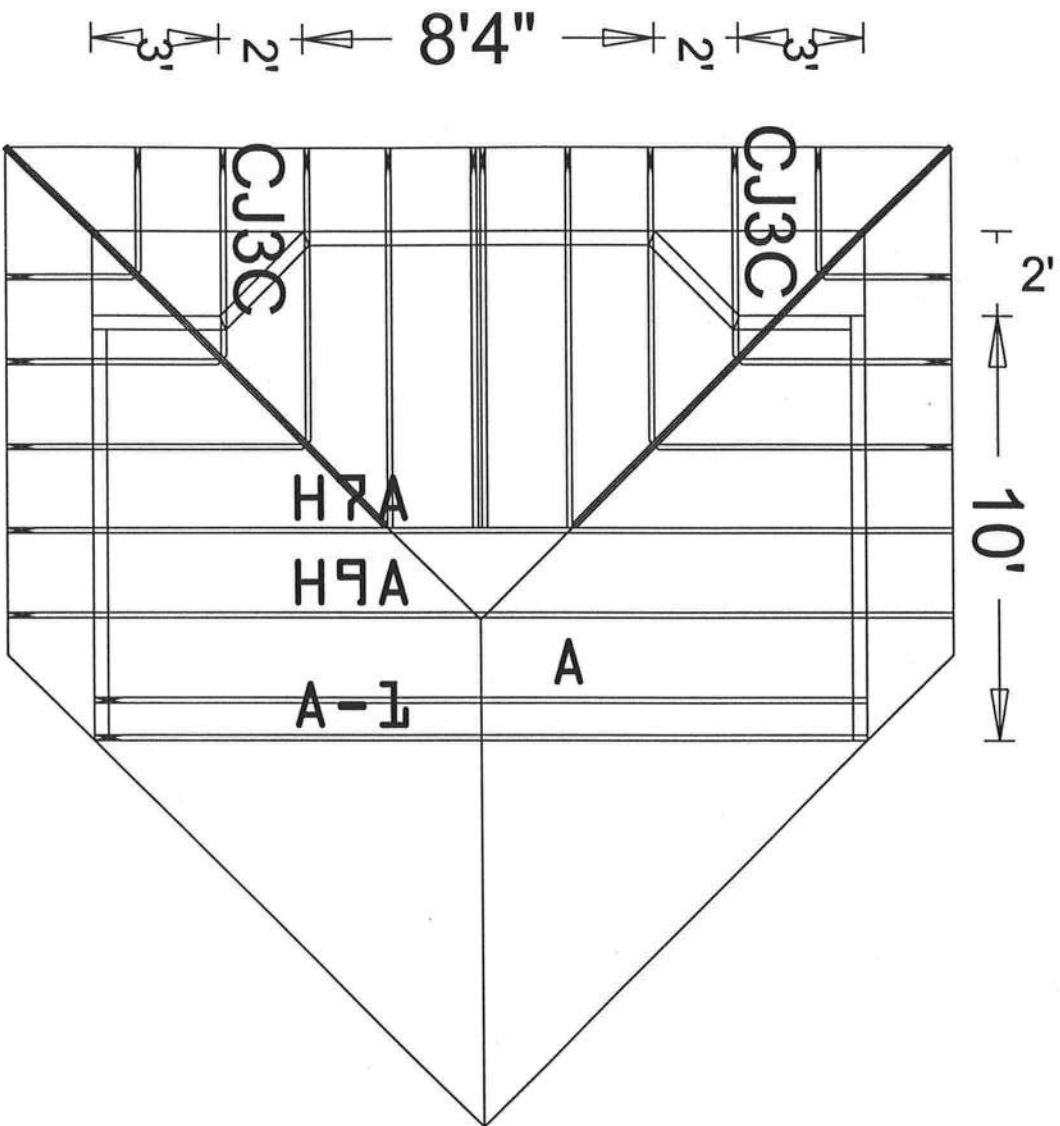


ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DUNDAS DR., SUITE 200, MADISON, WI 53719, AND VITCA (WOOD TRUSS CONN. 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. 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 2018/1664 (W/H/S) 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 1604-2. 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 SIGNATURE OF THE DESIGNER OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. E.

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



FREDRICK PERRY / WHITE
 Roof Plane Sheathing Area = 455 sq. ft

JOB LOCATION:	JOB DESCRIPTION: FREDRICK PERRY / WHITE	DESIGNED BY:
JOB NO: 273	PAGE NO: 1 OF 1	

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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 12-45-16-02935-136

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

The South 1/2 of Lot 5 Cannon Creek Estates
441 S.W. Lockheed Lane, Lake City FL 32025-9202

2. General description of improvement: Addition to Family Room

3. Owner Name & Address Graham and Dianne White, 441 S.W. Lockheed Lane
Lake City, FL 32025-9202 Interest in Property _____

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

5. Contractor Name Fredrick L. Perry Phone Number (386) 752-2832
Address Rt. 4 Box 288 Lake City FL 32024

6. Surety Holders Name N/A Phone Number _____
Address _____
Inst: 2004015436 Date: 07/02/2004 Time: 12:33
Amount of Bond N/A MK DC, P. DeWitt Cason, Columbia County B: 1019 P: 2664

7. Lender Name N/A
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 N/A Phone Number _____
Address _____

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

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.

Graham White
Signature of Owner
Dianne M. White

Sworn to (or affirmed) and subscribed before
day of 28th of June, 2004

NOTARY PUBLIC/SEAL
Notary Public, State of Florida
My comm. expires Feb. 9, 2007
Comm. No. DD 182625

Marla G. Poole
Signature of Notary

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
FORM 600C-01 Residential Limited Applications Prescriptive Method C

Small Additions, Renovations & Building Systems
NORTH 1 2 3

Compliance with Method C of Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site-installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME: <u>WHITE ADDITION</u> AND ADDRESS: <u>LOT 22, WAYWARD WIND</u> <u>GLEN, COLUMBIA CO, FLORIDA</u>	BUILDER: <u>QUALITY CONSTRUCTION</u> PERMITTING OFFICE: _____ PERMIT NO.: <u>22081</u>
OWNER: _____	CLIMATE ZONE: 1 ☐ 2 ☒ 3 ☐ JURISDICTION NO.: <u>221000</u>

SMALL ADDITIONS TO EXISTING RESIDENCES (600 square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. **RENOVATIONS** (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. **MANUFACTURED HOMES AND BUILDINGS** Only site-installed components and features are covered by this form. **BUILDING SYSTEMS** Comply when complete new system is installed.

1. **Renovation, Addition, New System or Manufactured Home**
2. **Single family detached or Multifamily attached**
3. **If Multifamily—No. of units covered by this submission**
4. **Conditioned floor area (sq. ft.)**
5. **Predominant eave overhang (ft.)**
6. **Glass area and type:**
 - a. Clear glass
 - b. Tint, film or solar screen
7. **Percentage of glass to floor area**
8. **Floor type 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)
9. **Wall type 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)
 - c. Marriage Walls of Multiple Units* (Yes/No)
10. **Ceiling type and insulation:**
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
11. **Cooling system***
 (Types: central, room unit, package terminal A.C., gas, existing, none)
12. **Heating system*:** (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)
13. **Air Distribution System*:**
 - a. Backflow damper or single package systems* (Yes/No)
 - b. Ducts on marriage walls adequately sealed* (Yes/No)
14. **Hot water system:**
 (Types: elec., natural gas, other, existing, none)

* Pertains to manufactured homes with site installed components.

Please Print		CK
1.	<u>ADDITION</u>	_____
2.	<u>SINGLE</u>	_____
3.	_____	_____
4.	<u>204</u>	_____
5.	<u>16"</u>	_____
Single Pane Double Pane		
6a.	_____ sq. ft.	<u>80</u> sq. ft.
6b.	_____ sq. ft.	_____ sq. ft.
7.	<u>39.0</u> %	_____
8a.	R= <u>0</u>	<u>42</u> lin. ft.
8b.	R= _____	_____ sq. ft.
8c.	R= _____	_____ sq. ft.
8d.	R= _____	_____ sq. ft.
8e.	R= _____	_____ sq. ft.
9a-1	R= _____	_____ sq. ft.
9a-2	R= <u>13</u>	<u>254</u> sq. ft.
9b-1	R= _____	_____ sq. ft.
9b-2	R= _____	_____ sq. ft.
9c	_____	_____
10a.	R= <u>30</u>	<u>20.4</u> sq. ft.
10b.	R= _____	_____ sq. ft.
11.	Type: <u>EXISTING</u>	_____
	SEER/EER: _____	_____
12.	Type: <u>EXISTING</u>	_____
	HSPF/COP/AFUE: _____	_____
13a.	_____	_____
13b.	_____	_____
14.	Type: <u>NONE</u>	_____
	EF: _____	_____

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>[Signature]</u> DATE: <u>6/10/04</u> I hereby certify that this building 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: _____
--	--	--

TABLE 6C-1: PRESCRIPTIVE REQUIREMENTS FOR SMALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOMES.

COMPONENT		MINIMUM INSULATION	INSULATION INSTALLED	EQUIPMENT		MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
WALLS	Concrete Block	R-7	_____	COOLING	Central A/C - Split	SEER = 10.0	SEER = _____
	Frame, 2' x 4'	R-11	_____		-Single Pkg.	SEER = 9.7	SEER = _____
	Frame, 2' x 6'	R-19	_____		Room unit or PTAC	EER = 8.5*	EER = _____
	Common, Frame	R-11	_____	SPACE HEATING	Electric Resistance	ANY	HSPF = _____
	Common, Masonry	R-3	_____		Heat pump - Split	HSPF = 6.8	HSPF = _____
CEILINGS	Under Attic	R-30	_____		-Single Pkg.	HSPF = 6.6	HSPF = _____
	Single Assembly; Enclosed	R-19	_____		Room unit or PTHP	COP = 2.7*	HSPF/ = _____
	Frame	R-13	_____		Gas, natural or propane	AFUE = .78	AFUE = _____
	Metal Pans	R-10	_____		Fuel Oil	AFUE = .78	AFUE = _____
	Single Assembly; Open	R-11	_____	HOT WATER	Electric Resistance	EF = .88	EF = _____
FLOORS	Slab-on-grade	No Minimum	_____		Gas; Natural or L.P.	EF = .54	EF = _____
	Raised Wood	R-19	_____		Fuel Oil	EF = .54	EF = _____
	Raised Concrete	R-7	_____				
	Common, Frame	R-11	_____				
DUCT	In unconditioned space	R-6	_____				
	In conditioned space	No minimum	_____				

* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum % = _____ Installed % = _____							
GLASS TYPE, OVERHANG, AND SOLAR HEAT GAIN COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED							
UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC
1'-.87	0'-.78	2'-.87	1'-.78	NOT ALLOWED	2'-.78	NOT ALLOWED	3'-.78
0'-.75		1'-.75	0'-.61		1'-.61		2'-.61
		0'-.57			0'-.44		1'-.44
							0'-.35
Get certified SHGC from the manufacturer or use defaults: Single clear SHGC = .87, double clear SHGC = .78, and single tint SHGC = .75							

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES			
COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	

GENERAL DIRECTIONS:

- On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
- ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all non-vertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass area. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescriptives are given by the type of glass (Single or Double pane) and the overhang (OH) paired with a solar heat gain coefficient (SHGC). For a given glass type and overhang, the minimum solar heat gain coefficient allowed is specified. Actual glass windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and solar heat gain coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
- RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and solar heat gain coefficient may be used for glass areas which are under at least a two foot overhang and whose lowest edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
- BUILDING SYSTEMS. Comply when new system is installed for system installed.
- Complete the information requested on the top half of page 1.
- Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
- Read, sign and date the "Owner/Agent" certification statement on page 1.