

DATE 04/11/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024369

APPLICANT GARY JOHNSON PHONE 386.752.3444
ADDRESS POB 1016 LAKE CITY FL 32056
OWNER FRANK LONGENECKER & IRMA LONGENECKER PHONE 386.752.8083
ADDRESS 3222 SE COUNTRY CLUB ROAD LAKE CITY FL 32025
CONTRACTOR GARY JOHNSON PHONE 386.752.3444
LOCATION OF PROPERTY BAYA TO OLD COUNTRY CLUB RD,TR GO 4 MILS, HOME ON R
FROM COUNTRYSIDE ESTATES S/D

TYPE DEVELOPMENT RENOVATE SFD ESTIMATED COST OF CONSTRUCTION 0.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 15-4S-17-08360-217 SUBDIVISION ROLLING HILLS
LOT 17 BLOCK PHASE UNIT TOTAL ACRES

RG00244685
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X-06-0120 BLK JTH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: RENOATIONS ON BURN'T SFD. NO CHARGE.

Check # or Cash NO CHARGE

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 \$ 0.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 0.00
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 INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

For Office Use Only Application # 0603-92 Date Received 3-24-06 By JH Permit # 24369
Application Approved by - Zoning Official BK Date 05.04.06 Plans Examiner OK JTH Date 3-24-06
Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. L-DEV.
Comments () NOC.

Applicants Name GARY JOHNSON Phone 386 752 3444
Address PO BOX 1016 LC FL 32056-1016
Owners Name FRANK LONGENECKER Phone 752-8083
911 Address 3222 SE Country Club Road LC
Contractors Name GARY JOHNSON CONST INC Phone 752 3444 961-3031
Address PO BOX 1016 LC FL 32056-1016
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address _____
Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light Clay Elec. Suwannee Valley Elec. - Progressive Energy
Property ID Number 15-45-17-08360-217 Estimated Cost of Construction _____
Subdivision Name Rolling Hills Lot 17 Block _____ Unit _____ Phase _____
Driving Directions 329A TO OLD COUNTRY CLUB ROAD - RIGHT 4 MILES -
HOUSE ON RIGHT ACROSS FROM COUNTRY SIDE ESTATES

Type of Construction RELOCATE BURN SFD Number of Existing Dwellings on Property 1
Total Acreage _____ Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 40 Side 20 Side 20 Rear 80
Total Building Height 14' Number of Stories 1 Heated Floor Area 1508 Roof Pitch 4/12

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.

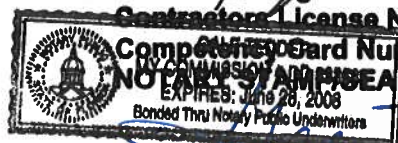
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

GARY JOHNSON
Owner Builder or Agent (Including Contractor)

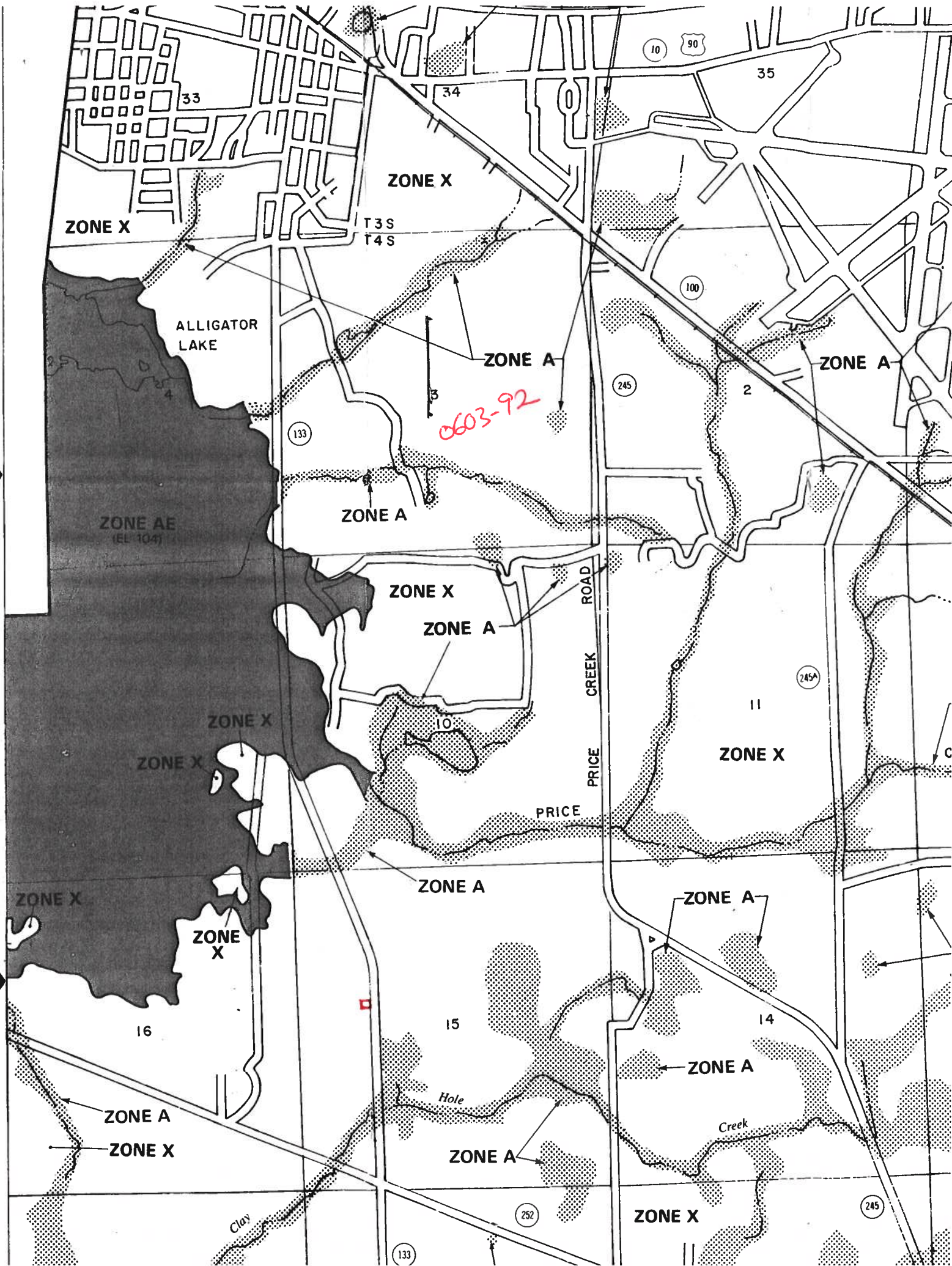
STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 24th day of MARCH 20 06.
Personally known ✓ or Produced Identification _____

GARY JOHNSON
Contractor Signature
Contractors License Number 260024685



[Signature]
Notary Signature



GARY JOHNSON CONSTRUCTION, INC.
PO BOX 1016
LAKE CITY, FL 32056
386-752-3444
386-961-3031 Cell
LICENSES # RG0024685 # RC0026693

MARCH 23,2006

REF: FRANK LONGENECKER
3222 SE COUNTRY CLUB ROAD
LAKE CITY, FL 32025-3847
386-752-8083

REPLACE DAMAGE FROM HOUSE FIRE

- A. REMOVE AND REPLACE ALL INTERIOR SHEETROCK, WITH EXCEPTIONS OF BATHROOMS; CIELINGS ONLY.
- B. REMOVE AND REPLACE ELECTRICAL WIRING
- C. REMOVE AND REPLACE ROOF TRUSSES; ROOF DECKING; ROOF FELT AND SHINGLES
- D. REMOVE AND REPLACE SOFFIT AND FACIA SYSTEM
- E. REMOVE AND REPLACE HEAT AND AIR SYSTEM
- F. REMOVE AND REPLACE FLOOR COVERINGS
- G. REMOVE AND REPLACE KITHCEN CABINETS
- H. REMOVE AND REPLACE INTERIOR DOOR UNITS AND HANDLES
- I. REMOVE AND REPLACE BASE AND TRIMS
- J. REMOVE AND REPLACE CLOSET SHELVING
- K. REPAINT EXTERIOR OF HOUSE
- L. PAINT INTERIOR OF HOUSE

961-3031 Cell GARY

15-45-1/-08360-217 CARD 001 of 006
Columbia County 3/23/2006 13:39 by JUDY
PRINTED 3/17/2005 DEW
APPR

PERMITS				
NUMBER	TYPE / DESC	AMT	DATE ISSUED	
SALE				
BOOK	PAGE	DATE	Q/I	PRICE
1033	2056	12/16/04	1	127500
GRANTOR WILLIS & IRMA LONGENECKER				
848	2243	11/17/97	1	75000
GRANTOR FRIEDRICH				
GRANTOR WILLIS				
GRANTOR				

PRICE	SPCD %	% GOOD	XFOB VALUE
000		100.00	2.15
000		100.00	500
000		100.00	300

PRICE	ADJ UT PRICE	LAND VALUE
0.00	19500.00	19,500
LLS 5/0		

Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B-97 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 600B-97. It may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: AND ADDRESS:	FRANK LONGENECKER 3222 SE COUNTRY CUBE RD LAKE CITY FL 33025	BUILDER: GARY JOHNSON	PERMITTING OFFICE: COLUMBIA	CLIMATE ZONE: 1 2 3 ✓
OWNER:	FRANK LONGENECKER	PERMIT NO.:	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 roof ceiling construction, 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 rules.
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.

Please Print

CK

1. Compliance package chosen (A-F)
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

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.		
2.		
3.		
4.		
5.		
6.	1508	
7.	2	
	Single Pane	Double Pane
8a.	sq. ft.	189 sq. ft.
8b.	sq. ft.	sq. ft.
9.	12	%
10a.	R=	lin. ft.
10b.	R=	sq. ft.
10c.	R=	sq. ft.
10d.	R=	sq. ft.
10e.	R=	sq. ft.
11a-1	R=	sq. ft.
11a-2	R= 13	sq. ft.
11b-1	R=	sq. ft.
11b-2	R=	sq. ft.
12a.	R= 30	sq. ft.
12b.	R=	sq. ft.
13.	R=	
14a.	Type: CENTRAL	
14b.	SEER/EER: 12	
14c.	Capacity:	
15a.	Type: HEAT PUMP	
15b.	HSPF/COP/AFUE:	
15c.	Capacity: 7.7	
16a.	Type: ELECTRIC	
16b.	EF: .90	

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

PREPARED BY: Gary Johnson DATE: 3/24/06

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 553.905, F.S.

BUILDING OFFICIAL:

DATE:

Prepared By: Harry Nicolson

TOTAL HEATING AND COOLING REQUIREMENTS

For: George Johnson Burnt House Page 2

Name: _____

Address: _____

City: _____

Check (✓) Constr. Type	ITEM	AREA SQUARE FEET	DESIGN TEMPERATURE DIFFERENCE					DESIGN TEMP		HEATING (BTUH LOSS)	COOLING MULT. (CIRCLE)	COOLING (BTUH GAIN)	
			30°	35°	40°	45°	50°	90°	95°				
			HEATING MULTIPLIER (CIRCLE ONE)										
	Gross Wall Area	1508											
	Glass Area (From page 1)	208											
	Partitions, Frame									11440		10740	
	Finished 1 side, No Insulation		17	19	22	25	28				6.5	10.0	
	Finished 2 sides, No Insulation		9	11	12	14	16				4.5	6.0	
	Finished 2 sides, R-5		4	5	5.5	6	7				2.5	3.5	
	Finished 2 sides, R-11		2	3	3	4	4				2.0	2.5	
	Other												
	Doors (Excluding glass)												
	No weatherstripping		135	160	180	200	225				10.0	13.0	
	Weatherstripped	54	70	85	95	110	120			5130	10.0	13.0	
	R-5 Insulation, No weatherstripping	54	123	144	164	185	205			2654	4.3	5.5	
	R-5 Insulation, weatherstripping		68	79	90	101	113				4.0	5.0	
	Other												
	Net Exterior Walls												
	CBS Furred, No Insulation		9	10	12	13	14				4.5	6.0	
	CBS Furred, R-3 Insulation		5	6	7	8	8				3.0	4.2	
	CBS Furred, R-4 Insulation		4	5	6	6	7				2.7	3.8	
	CBS Furred, R-5 Insulation		4	5	5	6	6				2.5	3.5	
	Frame, No Insulation		8	9	10	11	13				5.5	7.0	
	Frame, R-11 Insulation	1246	2	2	3	3	4			3735	2.5	3.0	
	Frame, R-14 Insulation		1.5	1.7	2	2.5	3				2	2.8	
	Other												
	Ceiling under attic												
	No Insulation	DK	LT	18	21	24	27	30				9	7
	R-11 Insulation	DK	LT	2.4	2.8	3.2	3.5	3.9				2.5	2
	R-19 Insulation	DK	LT	1.5	1.7	1.9	2.2	2.4				1.5	1.5
	R-22 Insulation	DK	LT	1.2	1.5	1.7	1.9	2.1				1.5	1.0
	R-26 Insulation	DK	LT	1.1	1.3	1.4	1.6	1.8				1.3	1
	R-30 Insulation	DK	LT	1	1.1	1.3	1.4	1.6				1.1	.9
	Other												
	Floor, Concrete Slab												
	No Edge Insulation	Perimeter Ft.	35	40	40	45	45				0	0	
	Other												
	Subtotal									22346		17218	
	People @ 300 & Appl. @ 1200											5400	
	Sensible BTUH Gain											22615	
	Duct BTUH Loss & Gain												
	2 In. Flex. or 1 In. Rigid												
	1 1/2 In. Rigid									2234	.10	2261	
	Total BTUH Loss										.075		
	Subtotal BTUH Gain									2455		24579	
	x 1.3 = Total BTUH Gain											323437	

Calculated Heating Requirements _____ BTUH
 Size of Unit Chosen _____ BTUH
 Oversized _____ % Oversized
 Undersized _____ % Undersized

Calculated Cooling Requirements _____ BTUH
 Size of Unit Chosen _____ BTUH
 Oversized _____ % Oversized
 Undersized _____ % Undersized

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:1SV6487-Z0403101129

Truss Fabricator: Anderson Truss Company
Job Identification: 6-106--GARY JOHNSON LONGENECKER -- , **
Truss Count: 4
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Details: A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	95349--A	28' Common	06062055	03/03/06
2	95350--AV	28' Common	06062057	03/03/06
3	95351--AGE	28' Gable	06062058	03/03/06
4	95352--AV1	28' Common	06062056	03/03/06

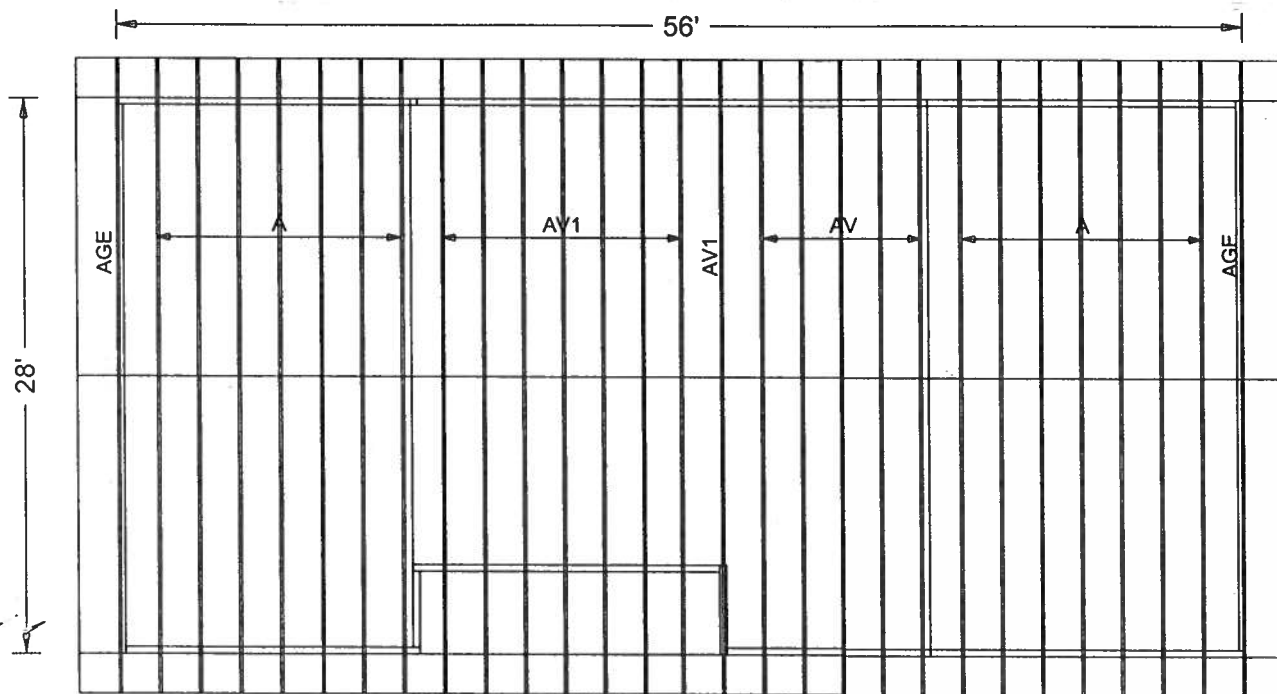


Seal Date: 03/03/2006

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

ALPINE





GARY JOHNSON / LONGENECKER

Roof Plane Sheathing Area = 2024 sq. ft
 Gable Sheathing Area = 149 sq. ft
 Total Sheathing Area = 2173 sq. ft
 Fascia Material = 187 linear ft
 Ridge Cap Material = 60 linear ft

752-3444
 961-3031

JOB DESCRIPTION: GARY JOHNSON
 / LONGENECKER

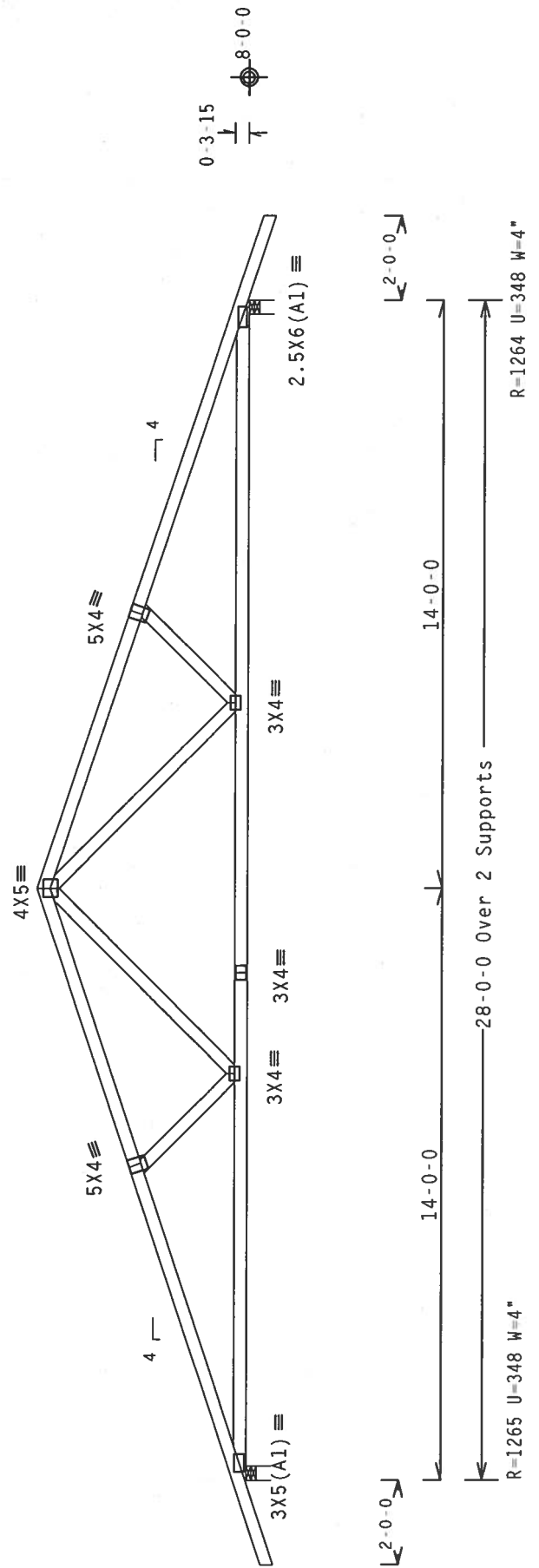
JOB NO:
 6-106

PAGE NO:
 1 OF 1

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 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

Deflection meets L/240 live and L/180 total load. Creep increase factor
for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

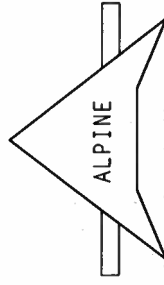
TY:14 FL/-4/-/R/-

Scale = .25"/Ft.

REF	R487 --	95349
DATE	03/03/06	
DRW	HCUSR487	06062055
HC-ENG	JB/AF	*
SEQN	15006	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1SV6487_Z04	

****WARNINGS**** 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), 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719, AND NITA (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 20/10/16GA (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. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



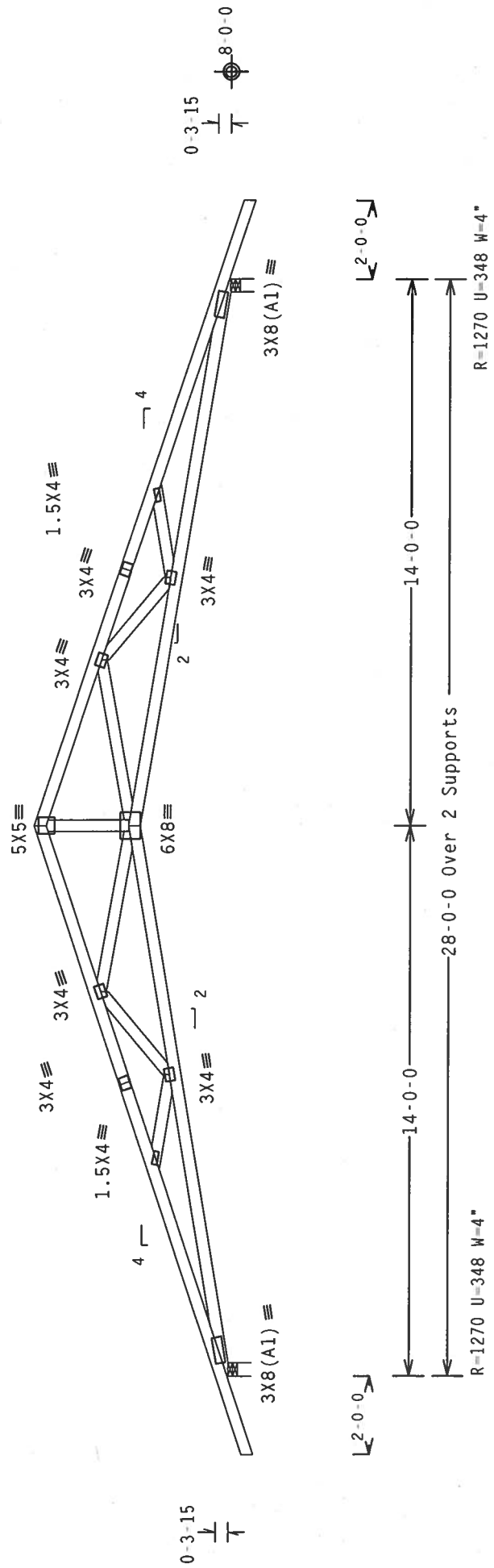
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.24" due to live load and 0.36" due to dead load.

Calculated vertical deflection is 0.49" due to live load and 0.73" due to dead load at $X = 14'-0"$.



Design Crit: TPI-2002(STD)/FBC

Scale = .25" / Ft.

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

PROPERTY: 5

7.24.

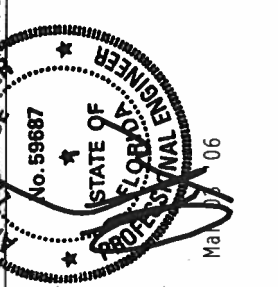
$$Cq/RT=1.00(1.25)/10(0$$

•
•
-
•
=

1133

PLT TYP. Wave

TC LL	20.0	PSF	REF	R487--	95350
TC DL	10.0	PSF	DATE	03/03/06	
BC DL	10.0	PSF	DRW	HCUSR487	06062057
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.LD.	40.0	PSF	SEQN-	15010	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SV6487_Z04	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 963 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.

****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 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 2018/16GA (M/H5/K) ASTM A653 GRADE 40/60 (W, K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. AN 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
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

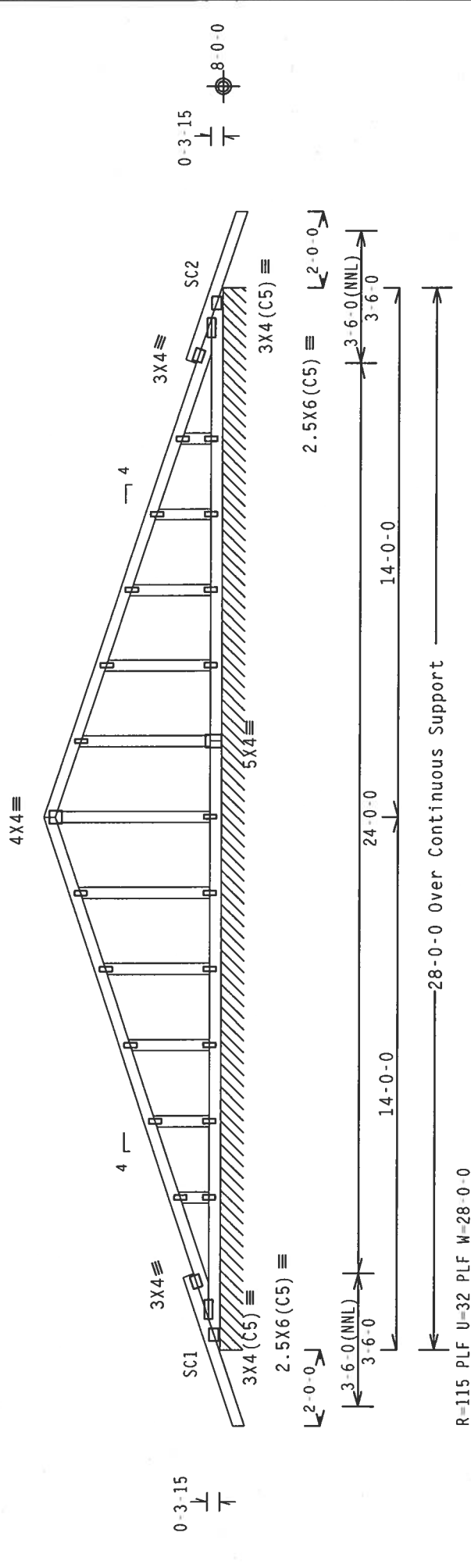
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 83 PLF at 26.00 to 83 PLF at 30.00
BC - From 4 PLF at 2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 2.00
BC - From 80 PLF at 2.00 to 80 PLF at 16.00
BC - From 80 PLF at 16.00 to 80 PLF at 26.00
BC - From 20 PLF at 26.00 to 20 PLF at 28.00
BC - From 4 PLF at 28.00 to 4 PLF at 30.00

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/(10.0) 7.24

PLT TYP. Wave

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R487 -- 95351
TC DL	10.0 PSF	DATE	03/03/06
BC DL	10.0 PSF	DRW	HCUSR487 06062058
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	15021
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SV6487_Z04

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

STATE OF FLORIDA
Professional Engineer
No. 59887
R. FISHER
EXPIRATION DATE 03/03/06

Ma 03 '06

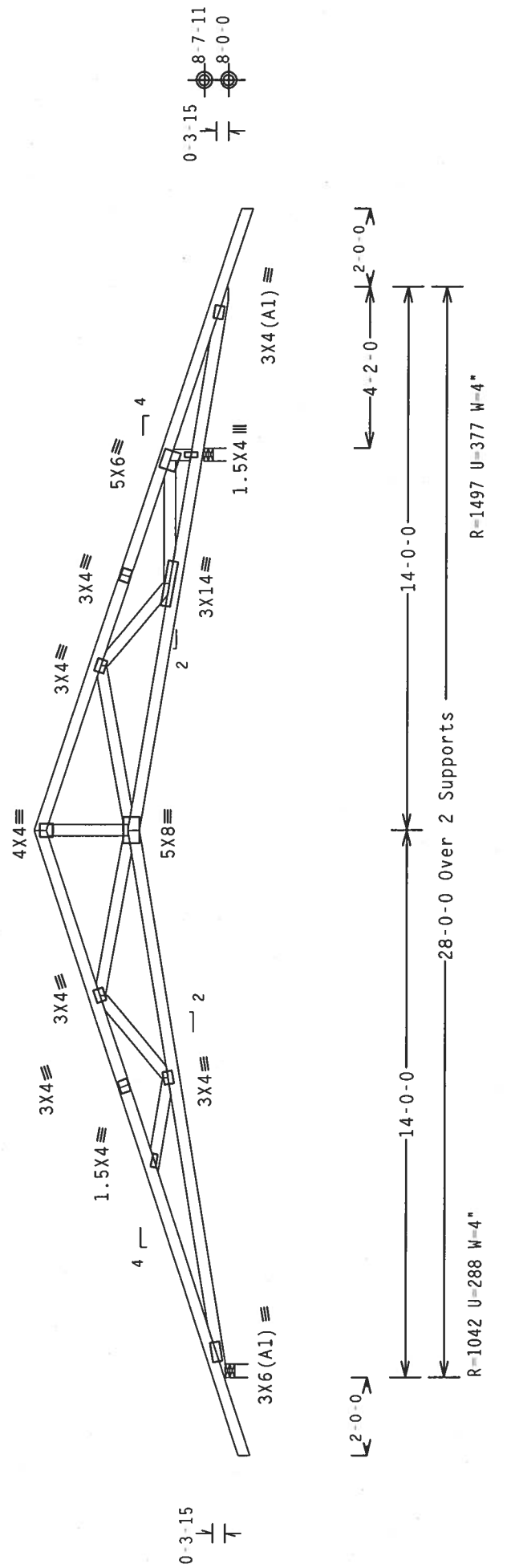
ALPINE
ENGINEERED
PRODUCTS, INC.
SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN, SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(6-106--GARY JOHNSON LONGNECKER -- ** -- AV1 28* Commort)

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

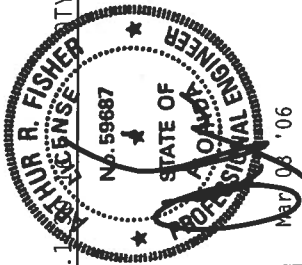
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .25"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND 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 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/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY FOR THE TRUSS ORIGINALLY DESIGNED. 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	R487 --	95352
TC DL	10.0 PSF	DATE	03/03/06	
BC DL	10.0 PSF	DRW	HCUSR487	06062056
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.L.D.	40.0 PSF	SEQN-	15014	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SV6487_Z04	

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

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

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

MAX GABLE VERTICAL LENGTH																	
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

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

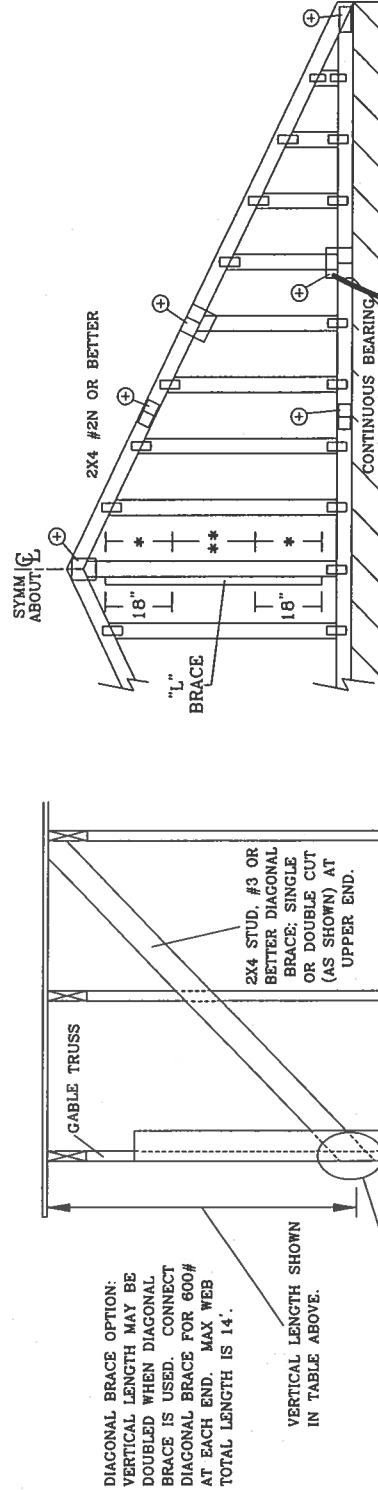
GABLE TRUSS DETAIL NOTES:

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.

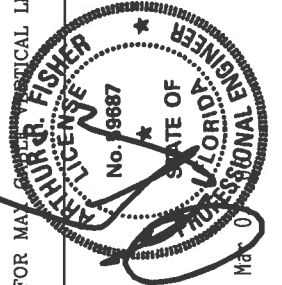
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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"	2X4	

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

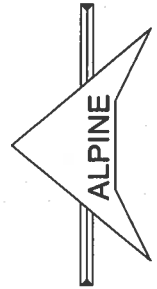


REFER TO CHART ABOVE FOR MAX. VERTICAL LENGTH.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 I-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D'ONOFRI DR., SUITE 200, MADISON, VI 53719) AND VICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 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.

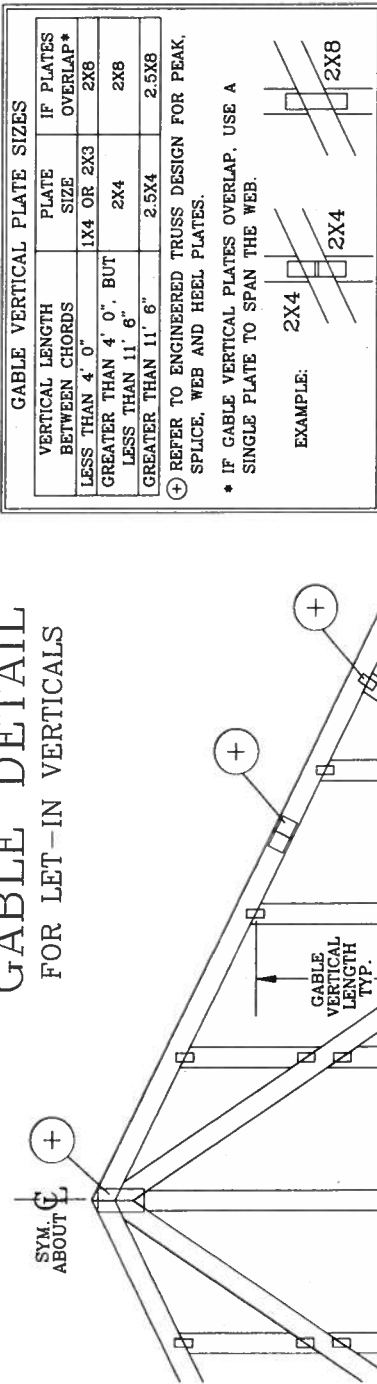
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (V.H/S/K) ASTM A653 GRADE 40/60 (V.H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING REG. SEC. 13. A SEAL OR SIGNATURE OF THE DESIGNER IS REQUIRED FOR 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

REF	ASCE7-02-CAB11015
DATE	04/15/05
DRWG	A11015EE0405
	-ENG
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	

GABLE DETAIL FOR LET-IN VERTICALS

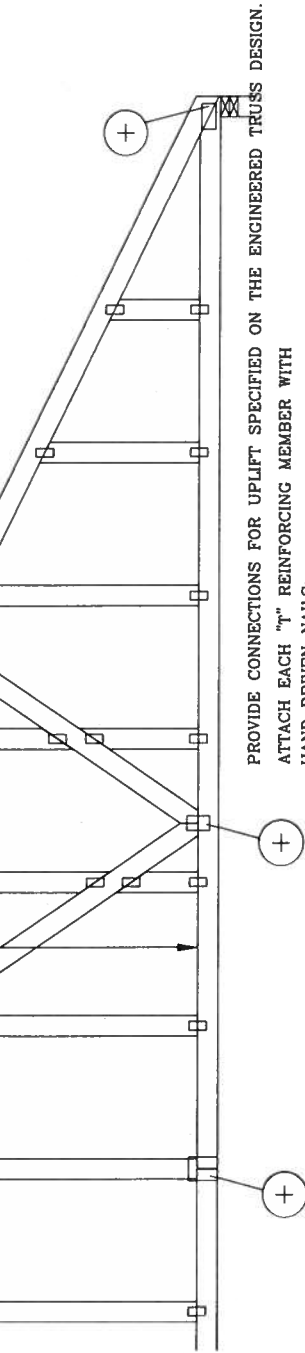


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE: 2X4 2X8



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" 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

AL1015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103

AL1030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS

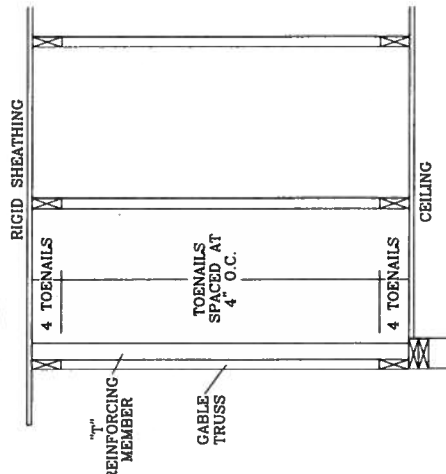
AL1015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103

AL1030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103

ASCE 7-02 GABLE DETAIL DRAWINGS

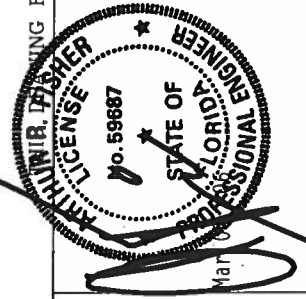
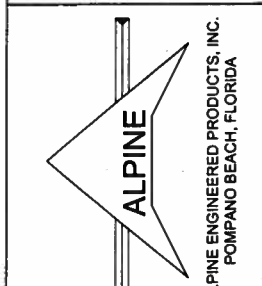
AL1015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405, A103030EE0405, A1203030EE0405, A1103030EE0405, A1003030EE0405, A0853030EE0405

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND VTCA (WOOD TRUSS COUNCIL, 16300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THESE FUNCTIONS ARE THE RESPONSIBILITY OF THE USER. THESE FUNCTIONS 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/K) ASTM A653 GRADE 40/60 (W/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY AFR&PA AND TPI. INSTALLING CONTRACTOR SHALL SEAL ALL JOINTS AND GAPS. THE INSTALLING CONTRACTOR SHALL BE PER ANSI/APA 308 TPI 1-2002 SEC. 7.2. THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



REPLACES DRAWINGS GAB98117 876,719 & HC26294035.	REF	LET-IN VERT
	DATE	04/14/05
	DRWG	GBLLETIN0405
	-ENG	DLJ/KAR
	MAX TOT. LD.	60 PSF
	DUR. FAC.	ANY
	MAX SPACING	24.0"

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 %
15 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 %	30 %
15 FT	2x6	10 %	20 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

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

"T" REINFORCING MEMBER SIZE = 2X4

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

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

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

24364

**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 15-45-17-08360-217 PERMIT NUMBER _____

1. Description of property: (legal description of the property and street address or 911 address)
3222 SE Country Club RD
LAKE CITY, FL 32025
LOT 17 Rolling Hills S/D
2. General description of improvement: Renovate Due To Fire Damage
3. Owner Name & Address FRANK & IRMA LONGNECKER
Interest in Property OWNERS
4. Name & Address of Fee Simple Owner (if other than owner):
N/A
5. Contractor Name GARY JOHNSON Phone Number 386 752 3444
Address PO BOX 1016 LC FL 32056-1016
6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Bond _____
7. Lender Name _____ Phone Number _____
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 _____ Phone Number _____
Address _____
9. In addition to himself/herself the owner designates _____ of _____
to receive a copy of the Llenor'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.

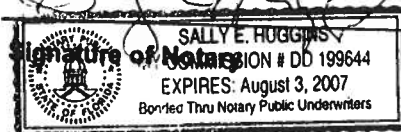
Sworn to (or affirmed) and subscribed before
day of April 11, 2006

NOTARY STAMP/SEAL

Signature of Owner

Inst: 2006009599 Date: 04/20/2006 Time: 09:40

37 DC, P. DeWitt Cason, Columbia County B:1081 P:234



COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 15-4S-17-08360-217

Building permit No. 000024369

Use Classification RENOVATE SFD

Fire: 0.00

Permit Holder GARY JOHNSON

Waste: 0.00

Owner of Building FRANK LONGENECKER & IRMA LONGENECKER

0.00

Location: 3222 SE COUNTRY CLUB ROAD

Date: 06/14/2006



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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DESIGN TEMPERATURE DIFFERENCE				
30°	35°	40°	45°	50°

WINDOWS & GLASS DOORS	AREA SQUARE FEET	HEATING MULTIPLIER (CIRCLE ONE)					HEATING (BTUH LOSS)
		30	35	40	45	50	
Glass Doors, Infiltration less than 1.0 CFM/FT							
Single Glass		50	60	70	75	85	
Double Glass		40	45	50	55	60	
Other Sliding Glass Doors							
Single Glass		75	85	100	115	125	
Double Glass		60	70	80	90	100	
Windows, Infiltration less than 0.50 CFM/FT							
Single Glass	208	40	50	55	60	70	11440
Double Glass		25	30	35	40	45	
Windows, Infiltration less than 0.75 CFM/FT							
Single Glass		45	50	60	65	75	
Double Glass		30	35	40	45	50	
Other Windows							
Single Glass		75	90	105	115	130	
Double Glass		60	70	80	90	105	
Fixed or Picture Windows							
Single Glass		40	50	55	60	70	
Double Glass		25	30	35	40	45	
Other							
Total BTUH Loss (Enter on Line 2, Page 2)							

[illegible]

TABLE 6B-1

MINIMUM REQUIREMENTS

Climate Zones 1 2 3

COMPONENTS		PACKAGES FOR NEW CONSTRUCTION				
		A	B	C	D	E
GLASS	Max. % of glass to Floor Area	15%	15%	20%	20%	25%
	Type	Double Clear (DC)	Double Tint (DT)	Double Tint (DT)	Double Clear (DC)	Double Tint (DT)
	Overhang	1'4"	2'	2'	2'	2'
WALLS	Masonry	EXTERIOR AND ADJACENT MASONRY WALLS R-5 COMMON MASONRY WALLS R-3 EACH SIDE.				
	Wood Frame	EXTERIOR, ADJACENT, AND COMMON WOOD FRAME WALLS R-11				
CEILING		R-30	R-38	R-30	R-38	R-30
		(NO SINGLE ASSEMBLY CEILINGS ALLOWED)				
FLOORS	Slab-On-Grade	R-0				
	Raised Wood	R-19 (ONLY STEM WALL CONSTRUCTION ALLOWED EXCEPT PACKAGE C)				
	Raised Concrete	R-7				
DUCTS		R-6	R-6	R-6	COND	R-6
SPACE COOLING (SEER)		11.5	10.5	12.0	10.5	10.0
HEAT	Elect. (HSPF)	7.7	7.1	8.0	7.1	6.8
	Gas/Oil (AFUE)	MINIMUM OF .73 (Direct heating) or .78 (Central)				
HOT WATER SYSTEM	Electric Resistance**	EF .90	EF .90	NOT ALLOWED (SEE BELOW)	EF .90	NOT ALLOWED (SEE BELOW)
	Gas & Oil **	MINIMUM EF OF .54				NATURAL GAS ONLY (SEE BELOW)
	Other	Any of the following are allowed: dedicated heat pump, heat recovery unit or solar system.				

* Single package units minimum SEER=9.7, HSPF = 6.6.

** Minimum efficiencies for gas and electric hot water systems apply to 40 gallon water heaters. Refer to Table 6-12 for minimum Code efficiencies for oil water heaters and other sizes.

DESCRIPTION OF BUILDING COMPONENTS LISTED

Percent of Glass to Floor Area: This percentage is calculated by dividing the total of all glass areas by the total conditioned floor area.

Overhang: The overhang is the distance the roof or soffit projects out horizontally from the face of the glass. All glass areas shall be under an overhang of at least the prescribed length with the following exceptions:

1) glass on the gabled ends of a house and 2) the glass in the lower stories of a multi-story house.

Wall, Ceiling and Floor Insulation Values: The R-values indicated represent the minimum acceptable insulation level added to the structural components of the wall, ceiling or floor. The R-value of the structural building materials shall not be included in this calculation. "Common" components are those separating conditioned tenancies in a multifamily building. "Adjacent" components separate conditioned space from unconditioned but enclosed space. "Exterior" components separate conditioned space from unconditioned and unenclosed space.

Floor: Slab-on-grade floors without edge insulation are acceptable. Raised wood floors shall have continuous stem walls with insulation placed on the stem wall or under the floor except Package C.

Ducts: "COND" indicates that the ducts must be installed within the conditioned space; that is, the ductwork shall be located on the conditioned side of the insulation. Ducts in conditioned space are acceptable for all prescriptive packages.

Space Cooling System: Cooling systems shall have a Seasonal Energy Efficiency Ratio (SEER) for central units or Energy Efficiency Ratio (EER) for room units or PTAC's equal to or greater than the prescribed value.

Electric Space Heating Option: Heat pump systems shall be rated with a Heating Seasonal Performance Factor (HSPF) equal to or greater than the prescribed HSPF. Heat pump systems may contain electric strip back-ups meeting the criteria of section 608.1.ABC.3.2.1.2. No electric resistance space heat is allowed for these packages.

Electric Resistance Hot Water Option: For packages designated "Not Allowed", an electric resistance hot water system may be installed only in conjunction with one of the "Other Hot Water System Options". See below.

Other Hot Water System Options: Any dedicated heat pump, heat recovery unit, or solar hot water system may be installed. Solar systems must have an EF of 1.5 or higher. Electric resistance systems having an EF of .55 or greater, or natural gas systems with EF .54 or greater may be used in conjunction with these systems.

TO BE INSTALLED	
12 %	
DC ☒	DT ☐
189 FEET	
EXT R =	
ADJ R =	
COM R =	
EXT R =	13
ADJ R =	
COM R =	
UNDER ATTIC R =	30
COMMON R =	
R =	0
R =	
R =	
R =	COND ☐
SEER =	12
COP =	1.7
AFUE =	
EF =	.90
EF =	
DHP ☐	EF =
HRU ☐	
SOLAR ☐	EF =

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	✓
Exterior Windows & Doors	606.1	Max .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.	✓
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.	✓
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%.	N/A
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.	✓