DATE 12/28/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000023994

APPLICANT DONALD DICKS PHONE 755-3851

ADDRESS 188 SE EAGLE AVE LAKE CITY FL 32025

OWNER DONALD & BETTY DICKS PHONE 755-3851

ADDRESS 188 SE EAGLE AVE LAKE CITY FL 32025

CONTRACTOR OWNER BUILDER PHONE

LOCATION OF PROPERTY 90E, TR ON 100, TR ON POUND HAMMOCK, TR ON DEER TRAIL, CROSS OVER EAGLE, PROPERTY ON RIGHT GOES INTO DRIVE

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 90000.00

HEATED FLOOR AREA 1800.00 TOTAL AREA 1800.00 HEIGHT 16.60 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 12-4S-17-08332-011 SUBDIVISION PRICE CREEK ACRES

LOT 12 BLOCK PHASE UNIT 0 TOTAL ACRES 3.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Donald R Dicks

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	04-1090MD	BK	JH	N

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD, NOC ON FILE

SECTION 2.3.1

Check # or Cash 1340

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 $ 450.00 CERTIFICATION FEE $ 9.00 SURCHARGE FEE $ 9.00

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 543.00

INSPECTORS OFFICE L. H. CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0511-73 Date Received 11-18-05 By G Permit # Z3994

Application Approved by - Zoning Official BLK Date 12.12.05 Plans Examiner OK JTH Date 12-2-05

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

Comments See PLAN FOR SITE PLAN Section 2.3.1

Existing Well

Applicants Name Donald & Betty Dicks Phone 386-755-3851

Address 188 S.E. Eagle Ave, Lake City, Fla 32025

Owners Name Donald & Betty Dicks Phone 386-755-3851

911 Address 188 S.E. Eagle Ave. Lake City, Fla. 32025

Contractors Name N/A Phone

Address

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address N/A

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

Property ID Number 12-4S-17-08332-011 Estimated Cost of Construction 45,000

Subdivision Name Price Creek Acres Lot 12 ONLY Block ____ Unit ____ Phase ____

Driving Directions 100 to Pounds Hammock turn (R) go to 2nd Rd - Deer Trail turn (R) Rd goes into drive way (188 on fence Post)

Type of Construction Block SFD Number of Existing Dwellings on Property ____

Total Acreage 3 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front ~~140 ft~~ 90.6 Side ~~160 ft~~ 73.5 Side ~~160 ft~~ 74.7 Rear ~~190 ft~~ 92.1

Total Building Height 16'6" Number of Stories 1 Heated Floor Area 1800 Roof Pitch 6/12

TOTAL 1800

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

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

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

Donald Dicks

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number ____

Competency Card Number ____

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 18th day of November 2005.

Personally known ____ or Produced Identification DL

[signature]

Notary Signature

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION PERMIT

CENTRAX #: 12-SC-06287
DATE PAID: 11-12-04
FEE PAID : $ 265.00
RECEIPT : S 0411203
OSTDSNBR : 04-1090- N

04-1090-N

CONSTRUCTION PERMIT FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative Other
[ ] Repair [ ] Abandonment [ ] Temporary [NA] _____

APPLICANT: DICKS, DONALD & BETTY AGENT: OWNER, Property Owner

PROPERTY STREET ADDRESS: 188 SE EAGLE AVE Lake City FL 32025

LOT: 12 BLOCK: NA SUBDIVISION: Price Creek Acres
[Section/Township/Range/Parcel No.]
PROPERTY ID #: 12-4S-17-08332-011 [OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF CHAPTER 64E-6, FAC DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC TIME PERIOD. ANY CHANGE IN MATERIAL FACTS WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE OR LOCAL PERMITTING REQUIRED FOR PROPERTY DEVELOPMENT.

SYSTEM DESIGN AND SPECIFICATIONS

existing
T [750] Gallons **SEPTIC TANK** MULTI-CHAMBERED/IN SERIES: [Y]
A [0] Gallons MULTI-CHAMBERED/IN SERIES: [Y]
N [0] GALLONS GREASE INTERCEPTOR CAPACITY
K [0] GALLONS DOSING TANK CAPACITY [0] GALLONS @ [0] DOSES PER 24 HRS # PUMPS [0]

D [375] SQUARE FEET PRIMARY DRAINFIELD SYSTEM
R [0] SQUARE FEET SYSTEM
A TYPE SYSTEM: [N] STANDARD [N] FILLED [Y] MOUND [N] _____
I CONFIGURATION: [Y] TRENCH [N] BED [N] _____
N
F LOCATION TO BENCHMARK: Nail In Tree With Orange Ribbon E of Site
I ELEVATION OF PROPOSED SYSTEM SITE [24.0] [INCHES] [BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [11.0] [INCHES] [BELOW] BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [31.0] INCHES EXCAVATION REQUIRED: [0.0] INCHES

OTHER REMARKS:
The licensed contractor installing the system is responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC.

1. **disconnect old df. a lift station may be required to new df.**
2. **maintain 15' from drainage area.**
3. **80' of solid pipe tank to df.**
4. **flood and zoning notification must be signed.**
5. Install an approved outlet filter.
6. Tank certification required.

SPECIFICATIONS BY: Graddy, Sallie TITLE: EHI

APPROVED BY: Graddy, Sallie TITLE: EH Specialist I Columbia CHD

DATE ISSUED: 11/18/04 EXPIRATION DATE: 4/18/06

DH 4016, 03/97 (Obsoletes previous editions which may not be used)
(Stock Number: 5744-001-4016-0) [ostds_cons_4016-1]

MM

DISCLOSURE STATEMENT

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

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

TYPE OF CONSTRUCTION

(✓) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
( ) Other_____
( ) New Construction
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

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

Donald Dicks 12-3-04

Signature Date

FOR BUILDING USE ONLY

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

Date_____ Building Official/Representative_____

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 12-4S-17-08332-011 HX DX

1. **Description of property: (legal description of the property and street address or 911 address)**
Lots 11, 12, & 13 of "Price Creek Acres Unit 1" An unrecorded subdivision in section 12, Township 4 south range 17 east, Columbia County, Florida.

188 S.E. Eagle Ave, Lake City, Fl 32025

2. **General description of improvement:** Tear down & rebuild house

3. **Owner Name & Address** Donald & Betty Dicks, 188 S.E. Eagle Ave. Lake City, Fla. 32025 **Interest in Property** _____

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

5. **Contractor Name** N/A **Phone Number** _____
Address _____

6. **Surety Holders Name** N/A **Phone Number** _____
Address _____
Amount of Bond _____

7. **Lender Name** N/A **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 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.

Donald Dicks
Signature of Owner

Sworn to (or affirmed) and subscribed before 3rd **day of** December **20** 04

NOTARY STAMP/SEAL

GALE TEDDER
MY COMMISSION # DD 333586
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Gale Tedder
Signature of Notary

Inst:2004026944 Date:12/03/2004 Time:13:57
DC,P.DeWitt Cason,Columbia County B:1032 P:418

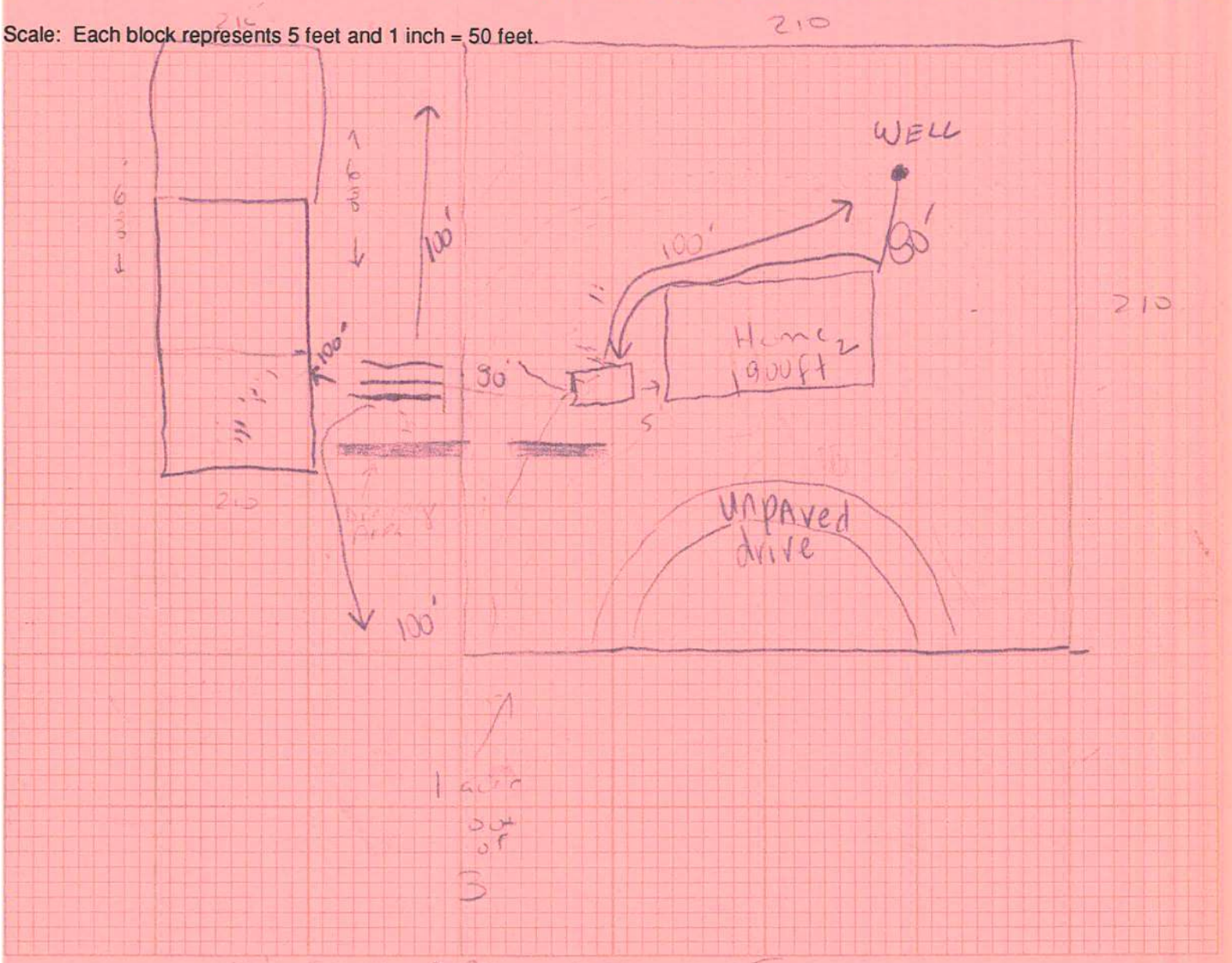
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 04-1090MD

PART II - SITE PLAN

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



Notes: 90' SOLID PIPE TANK TO PT.

(Site Plan OK per MSL)

Site Plan submitted by: Betty Ricks
Signature

Owner
Title

Plan Approved ✓ Not Approved _____ Date 11-12-04

By Sibbi A. Maddy - EST - COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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

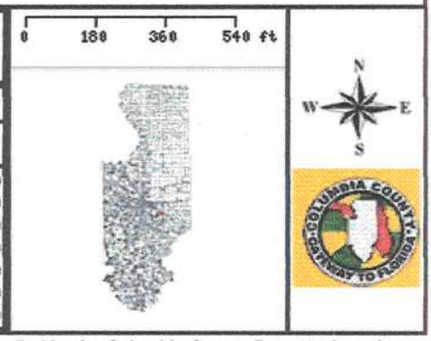
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

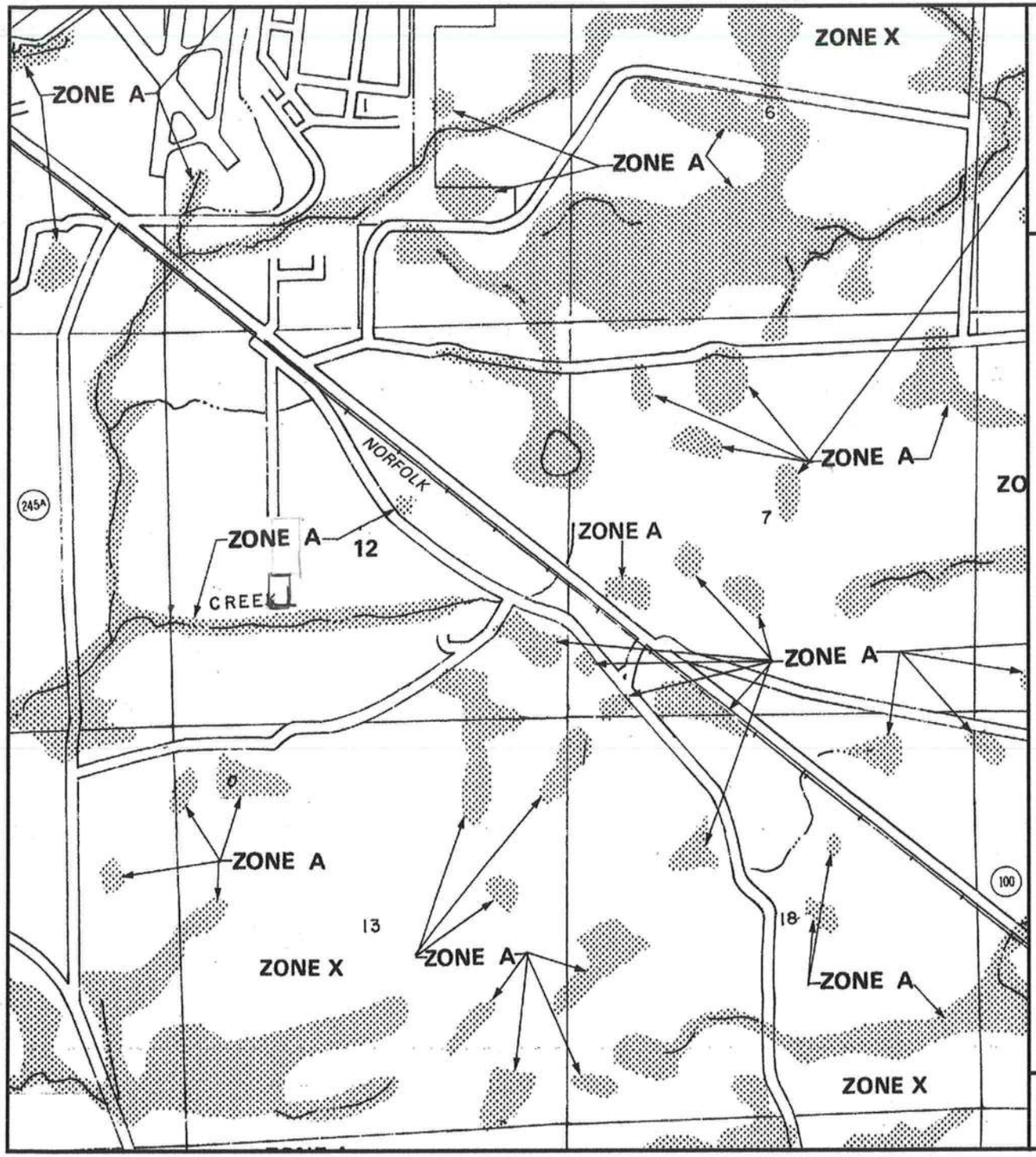
PARCEL: 12-4S-17-08332-011 HX DX - SINGLE FAM (000100)

COMM NW COR OF NE1/4 OF SW1/4, RUN S 521.78 FT, E 25.73 FT FOR POB, CONT E 209.13 FT, S

Name:	DICKS DONALD R & BETTY G	LandVal	$12,910.00
Site:	EAGLE	BldgVal	$26,277.00
Mail:	188 SE EAGLE AVE LAKE CITY, FL 32025	ApprVal	$41,212.00
		JustVal	$41,212.00
Sales Info		Assd	$37,869.00
		Exmpt	$25,500.00
		Taxable	$12,369.00



This information, GIS Map Updated: 1/31/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



N

APPROXIMATE SCALE IN FEET

2000 0 2000

NATIONAL FLOOD INSURANCE PROGRAM

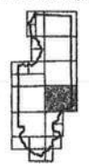
FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 200 OF 300

PANEL LOCATION



COMMUNITY-PANEL NUMBER
120070 0200 B

EFFECTIVE DATE:
JANUARY 6, 1988

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 11/22/2005 (printed at scale and type A)

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Donald Dicks Residence**	Builder:	**Owner**
Address:	**Bear Run & Deer Trail**	Permitting Office:	**Columbia Co**
City, State:	**Lake City, FL 32055-**	Permit Number:	
Owner:	**Donald Dicks**	Jurisdiction Number:	**221000**
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		1800 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	207.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 180.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=8.0, 1212.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1800.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 50.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 35.0 kBtu/hr	
	SEER: 10.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 35.0 kBtu/hr	
	HSPF: 7.90	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 30.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.12

Total as-built points: 23615
Total base points: 26488

PASS

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

PREPARED BY: Tim Delbene

DATE: 11/4/04

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

OWNER/AGENT: _____

DATE: _____

Review of the 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 with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1800.0	20.04	6493.0	Double, Clear	N	2.0	7.0	30.0	19.20	0.92	531.2	
				Double, Clear	E	2.0	7.0	60.0	42.06	0.89	2235.8	
				Double, Clear	S	2.0	7.0	15.0	35.87	0.82	441.2	
				Double, Clear	S	2.0	5.0	9.0	35.87	0.72	233.5	
				Double, Clear	W	2.0	7.0	30.0	38.52	0.89	1024.8	
				Double, Clear	W	2.0	5.0	27.0	38.52	0.80	831.4	
				Double, Clear	W	2.0	8.0	36.0	38.52	0.91	1266.7	
				As-Built Total:				**207.0**			**6564.7**	

WALL TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM =	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	8.0	1212.0	2.00	2424.0
Exterior	1212.0	1.70	2060.4					
Base Total:	**1212.0**		**2060.4**	**As-Built Total:**		**1212.0**		**2424.0**

DOOR TYPES	Area X	BSPM =	Points	Type	Area X	SPM =	Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	21.0	4.10	86.1
Exterior	21.0	6.10	128.1				
Base Total:	**21.0**		**128.1**	**As-Built Total:**	**21.0**		**86.1**

CEILING TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	1800.0	1.73	3114.0	Under Attic	30.0	1800.0	1.73 X 1.00	3114.0
Base Total:	**1800.0**		**3114.0**	**As-Built Total:**		**1800.0**		**3114.0**

FLOOR TYPES	Area X	BSPM =	Points	Type	R-Value	Area X	SPM =	Points
Slab	180.0(p)	-37.0	-6660.0	Slab-On-Grade Edge Insulation	0.0	180.0(p	-41.20	-7416.0
Raised	0.0	0.00	0.0					
Base Total:			**-6660.0**	**As-Built Total:**		**180.0**		**-7416.0**

INFILTRATION	Area X	BSPM =	Points		Area X	SPM =	Points
	1800.0	10.21	18378.0		1800.0	10.21	18378.0

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
Summer Base Points:			**23513.5**	**Summer As-Built Points:**							**23150.8**
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X	Credit Multiplier	= Cooling Points
23513.5		**0.4266**	**10030.8**	23150.8 **23150.8**		1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.341 **0.341**		0.902 **0.902**	8113.0 **8113.0**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1800.0	12.74	4127.8	Double, Clear	N	2.0	7.0	30.0	24.58	1.00	739.8	
				Double, Clear	E	2.0	7.0	60.0	18.79	1.05	1178.8	
				Double, Clear	S	2.0	7.0	15.0	13.30	1.17	233.6	
				Double, Clear	S	2.0	5.0	9.0	13.30	1.40	167.6	
				Double, Clear	W	2.0	7.0	30.0	20.73	1.03	641.3	
				Double, Clear	W	2.0	5.0	27.0	20.73	1.06	592.8	
				Double, Clear	W	2.0	8.0	36.0	20.73	1.02	763.7	
				As-Built Total:				**207.0**			**4317.5**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			8.0	1212.0	4.22		5120.7	
Exterior	1212.0	3.70	4484.4									
Base Total:	**1212.0**		**4484.4**	**As-Built Total:**				**1212.0**			**5120.7**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				21.0	8.40		176.4	
Exterior	21.0	12.30	258.3									
Base Total:	**21.0**		**258.3**	**As-Built Total:**				**21.0**			**176.4**	
CEILING TYPES	Area X	BWPM =	Points	Type		R-Value		Area X	WPM X	WCM =	Points	
Under Attic	1800.0	2.05	3690.0	Under Attic			30.0	1800.0	2.05 X 1.00		3690.0	
Base Total:	**1800.0**		**3690.0**	**As-Built Total:**				**1800.0**			**3690.0**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points	
Slab	180.0(p)	8.9	1602.0	Slab-On-Grade Edge Insulation			0.0	180.0(p	18.80		3384.0	
Raised	0.0	0.00	0.0									
Base Total:			**1602.0**	**As-Built Total:**				**180.0**			**3384.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points	
	1800.0	-0.59	-1062.0					1800.0	-0.59		-1062.0	

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**13100.5**	**Winter As-Built Points:**						**15626.6**
Total Winter Points	X System Multiplier	= Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
13100.5	**0.6274**	**8219.2**	15626.6 **15626.6**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.432 **0.432**	0.950 **0.950**	7447.2 **7447.2**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2746.00	8238.0	30.0	0.90	3	1.00	2684.98	1.00	8054.9	
				As-Built Total:							**8054.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
10031	**8219**	**8238**	**26488**	**8113**	**7447**	**8055**	**23615**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Bear Run & Deer Trail, Lake City, FL, 32055-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	✓
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	✓
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	✓
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	✓
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
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 a minimum thermal efficiency of 78%.	N/A
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	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. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

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

December 2, 2005

Building Department

Re: Permit #0511-73 ,Dicks Donald, Lots 11, 12 & 13 Price Creek Acres Unit 1 Columbia County, FL

Dear Building Official:

Please accept this letter as addendum to the plans for the above referenced house to change all references to FBC 2001 to FBC 2004.

- The plan was drawn prior to the effective date for FBC 2004, 01 October 2005.
- Since the wind load requirements of FBC 2004 remain basically unchanged from FBC 2001 there are no structural changes required to this plan.

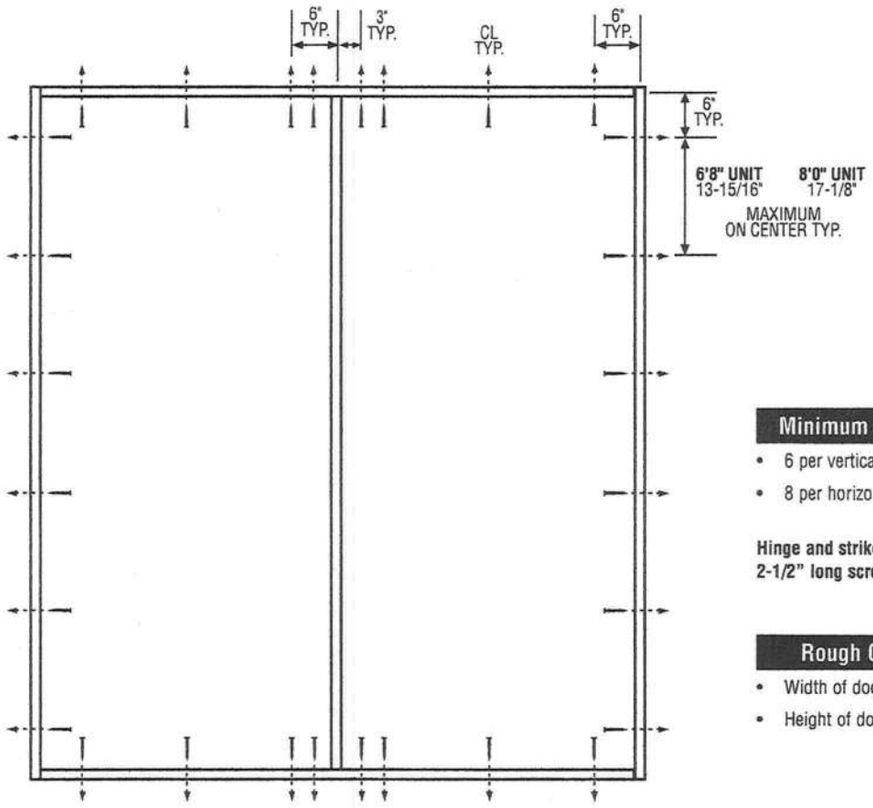
Mark Disosway, PE
Florida Registered Professional Engineer

2 Dec 05

XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey

Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3147, 3167, 3242*, 3247, 3262* or 3267**
  Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel – (1) at top and (1) at bottom.

*Based on required Design Pressure – see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

June 17, 2002

MIAMI-DADE
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc.
31725 Highway 97 North
Chiloquin, OR 97624

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "DoorCraft Alterna" 6-8 Outswing Glazed Residential Insulated Wood Fiber Door w/sidelites

APPROVAL DOCUMENT: Drawing No. S-2016, titled "DoorCraft Alterna 6-8 Glazed Outswing w/Sidelites", sheets 1 through 7, prepared by R.W. Building Consultants, Inc., dated 4/5/01, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 00-0211.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez.**

PRODUCT CONTROL ACCEPTED

NOA No 02-0130.05
Expiration Date: May 17, 2007
Approval Date: March 21, 2002
Page 1

DoorCraft Alterna

WOOD COMPOSITE DOOR
OUTSWING 6-8 GLAZED W/AND W/OUT SIDELITES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS ARE REQUIRED
5. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL WOOD COMPOSITE DOOR
(Common to all frame conditions)

Door Leaf Construction:

Face sheets: .125" thick compressed wood fiber.

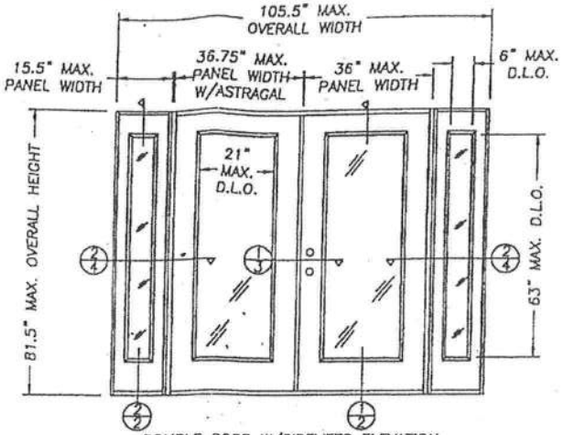
Core design: Expanded Polystyrene foam core, with 1.0 to 1.25 lbs. density.

Construction: Glazed type. The wood fiber sheets are glued to the expanded polystyrene, with wood bottom rails and mitered LVL wood top rails. The hinge and latch LVL wood rails are butt jointed to top and bottom rails at corners. Panels are sandwich glazed using a two piece polypropylene lite frame with mitered & welded corners.

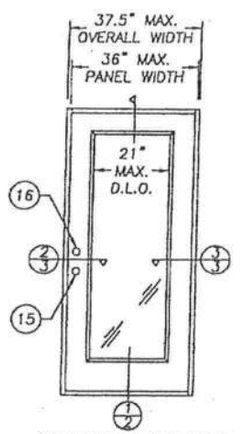
Sidelite Construction: Panels are sandwich glazed using a two piece polypropylene lite frame with mitered & welded corners.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTIONS & B.O.M.
3	HORIZONTAL CROSS SECTIONS
4	HORIZONTAL CROSS SECTIONS
5	ANCHORING LOCATIONS & GLAZING DETAIL
6	ANCHORING LOCATIONS & DOOR MODELS
7	FRAME COMPONENTS

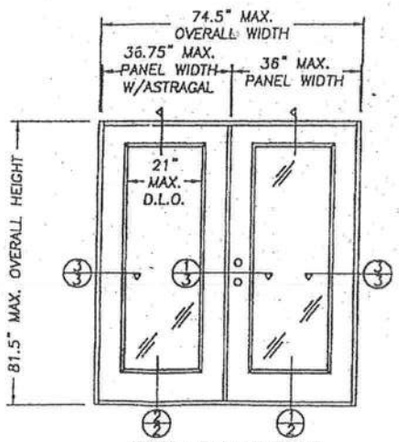
DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+55
NEGATIVE	-55



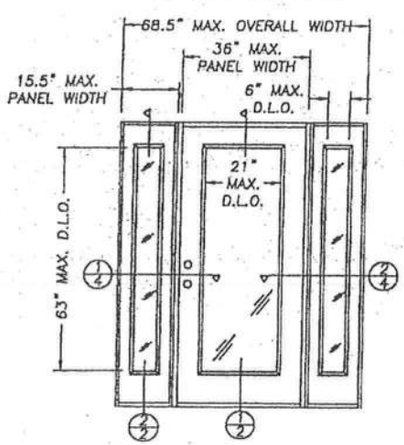
DOUBLE DOOR W/SIDELITES ELEVATION



SINGLE DOOR ELEVATION



DOUBLE DOOR ELEVATION



SINGLE DOOR W/SIDELITES ELEVATION

ALL DOOR MODELS ARE VIEWED FROM THE INTERIOR SIDE

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

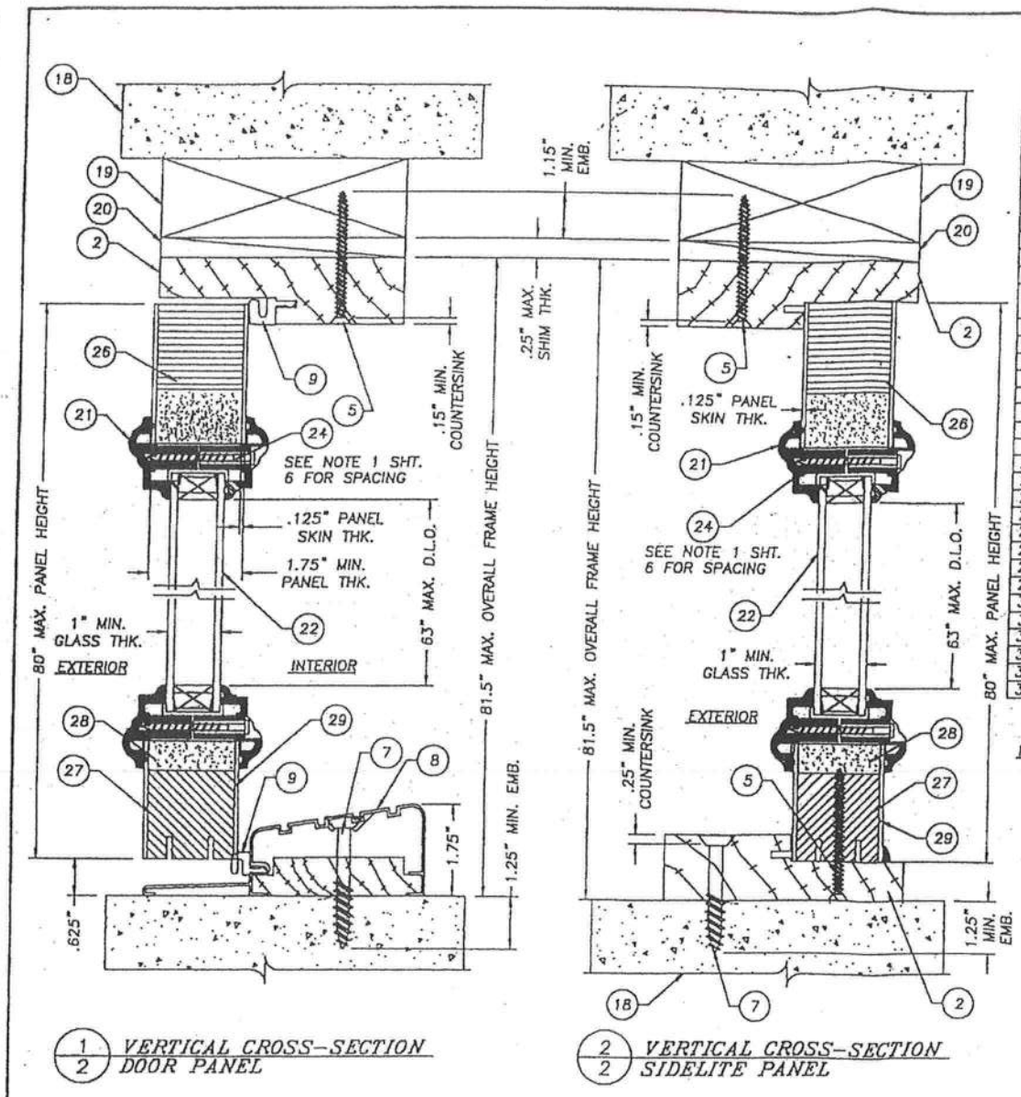
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES
PART OR ASSEMBLY: ELEVATIONS AND GENERAL NOTES

NO.	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC
813.684.3831

DATE: 4/3/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 1 OF 7



1/2 VERTICAL CROSS-SECTION DOOR PANEL

2/2 VERTICAL CROSS-SECTION SIDELITE PANEL

Item	DESCRIPTION	Material
1	HINGE JAMB (1 1/4" x 4 1/12" PONDEROSA PINE)	PINE
2	HEAD JAMB (1 1/4" x 4 1/2" PONDEROSA PINE)	PINE
3	4" x 4" BUTT HINGE 12GA. (.089" MIN)	STEEL
4	#9 x 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
5	#8 x 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
6	#10 X 1 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
7	1/4" TAPCON OR ITW BUILDEX TAPCON (NOA # 96-1226.03) OR ELCO TAPCON (NOA # 97-0731.15)	STEEL
8	BUMPER THRESHOLD (.051" WALL EXTRUDED ALUM. BY IMPERIAL)	ALUMINUM
9	COMPRESSION WEATHERSTRIP (Q-LON QDS-650)	
10	EXTRUDED ASTRAGAL (IMPERIAL #ANHRW)	ALUMINUM
11	ASTRAGAL THROW BOLT ø.031" x 19.25 L.	STEEL
12	#8 x 1/2" L. TYPE "AB" PANHEAD SMS	STEEL
13	ASTRAGAL REINFORCEMENT PLATE LOCATED TOP & BOTTOM OF ASTRAGAL, ATTACHED/W #14	WOOD
14	8-#6 X 1" PHILLIPS FLATHEAD WOOD SCREW	STEEL
15	KWIKSET TITAN 400 SERIES LOCK	
16	KWIKSET TITAN 400 SERIES DEADBOLT	
17	LATCH SCREWS (SEE LOCK INSTRUCTIONS)	
18	MASONRY WALL	CONC.
19	2x WOOD BUCK	WOOD
20	1/4" MAX. SHIMS	WOOD
21	LITE FRAME (ODL POLYPROPYLENE)	
22	1" INSULATED TEMPERED GLASS (BY ODL)	GLASS
23	LATCH JAMB (1 1/4" x 4 1/2" PONDEROSA PINE)	PINE
24	#8 x 1 1/2" TEK SCREW (LITE FRAME)	STEEL
25	SIDE RAIL WOOD CAP (FINGER JOINTED)	PINE
26	TOP & INTERNAL RAIL (MITERED LVL PACIFIC WOOD)	LVL
27	BOTTOM RAIL (WOOD)	PINE
28	EXPANDED POLYSTYRENE (1.0 TO 1.25lbs DENSITY BY JELD-WEN)	FOAM
29	DOOR PANEL SKIN (.125" THK. COMPRESSED WOOD FIBER)	—
30	LOCK BLOCK (2.75" x 12" PONDEROSA PINE)	PINE
31	HINGE SIDE RAIL (BUTT JOINTED LVL PACIFIC WOOD)	LVL
32	LATCH SIDE RAIL (BUTT JOINTED LVL PACIFIC WOOD)	LVL
33	#8 x 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
34	BLANK JAMB (1 1/4" x 4 1/2" PONDEROSA PINE)	PINE
35	BLANK SIDE RAIL (BUTT JOINTED LVL PACIFIC WOOD)	LVL

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
By PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

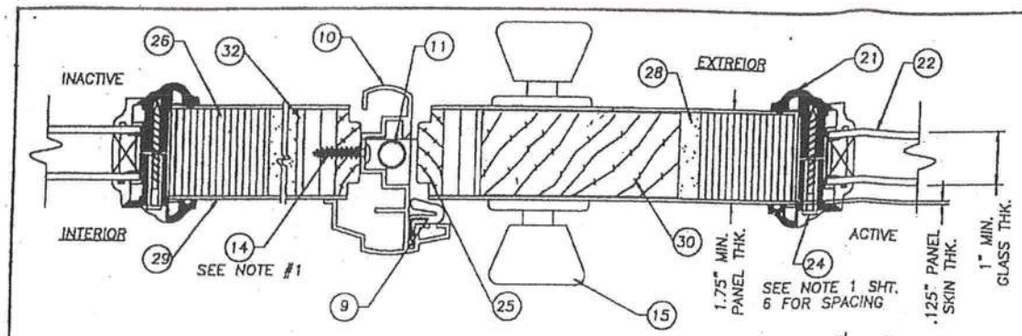
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & B.O.M.

NO	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

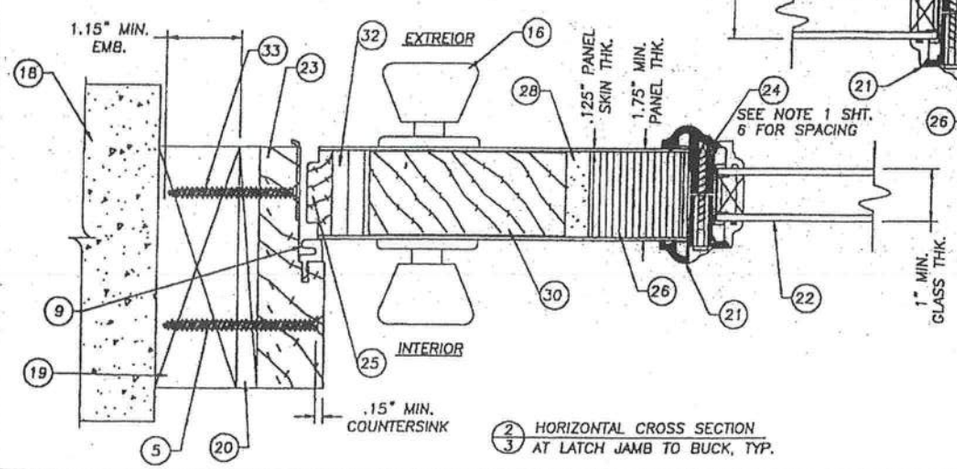
RW BUILDING CONSULTANTS, INC 813.684.3831

DATE: 4/3/00
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 2 OF 7

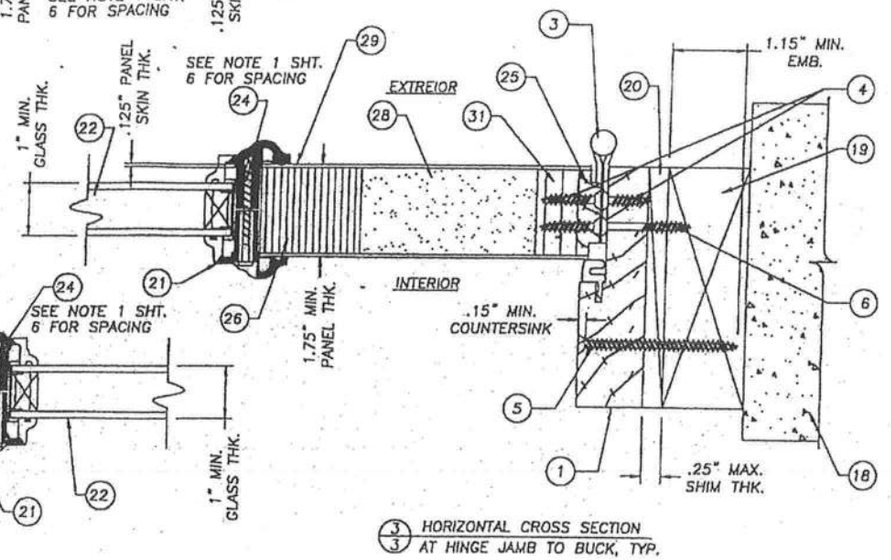


1/3 HORIZONTAL CROSS SECTION AT ASTRAGAL, TYP.

NOTES:
1. SPACING FOR #14 IS AS FOLLOWS: FROM TOP DOWN 1", 2 1/2", 4", 5 1/2", 13", 18" & 26". SPACING FROM THE BOTTOM UP IS THE SAME.
2. ATTACH THE STRIKE PLATE AND THE DEADBOLT PLATE TO THE ASTRAGAL USING (2) #8 x 2" LG. PHILLIPS FLATHEAD SCREWS EACH.



2/3 HORIZONTAL CROSS SECTION AT LATCH JAMB TO BUCK, TYP.



3/3 HORIZONTAL CROSS SECTION AT HINGE JAMB TO BUCK, TYP.

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

NO.	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES

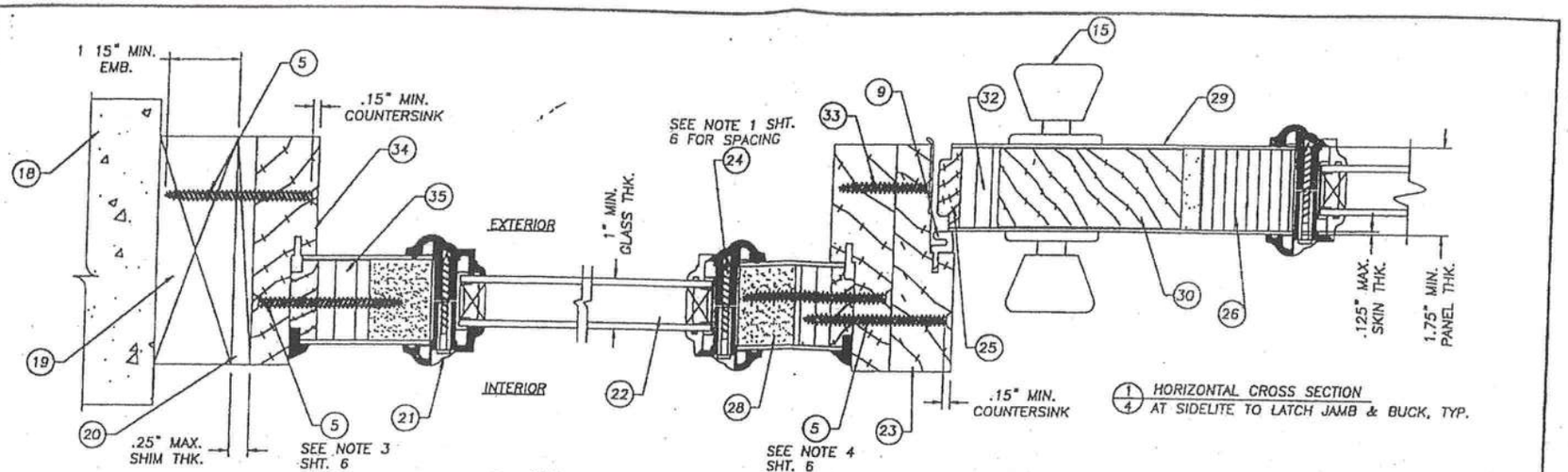
PART OR ASSEMBLY: HORIZONTAL CROSSECTIONS

RW BUILDING CONSULTANTS, INC. 813.684.3831

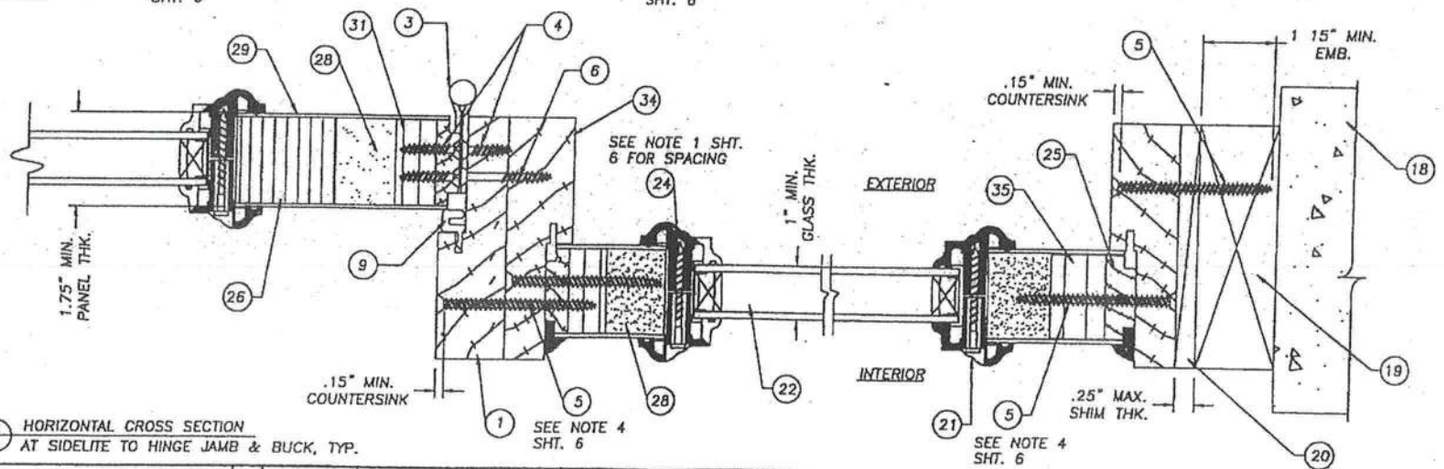
PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

DATE:	4/3/00
SCALE:	1/2" = 1"
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	S-2016
SHEET	3 OF 7



1/4 HORIZONTAL CROSS SECTION AT SIDELITE TO LATCH JAMB & BUCK, TYP.



2/4 HORIZONTAL CROSS SECTION AT SIDELITE TO HINGE JAMB & BUCK, TYP.

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

NO	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES

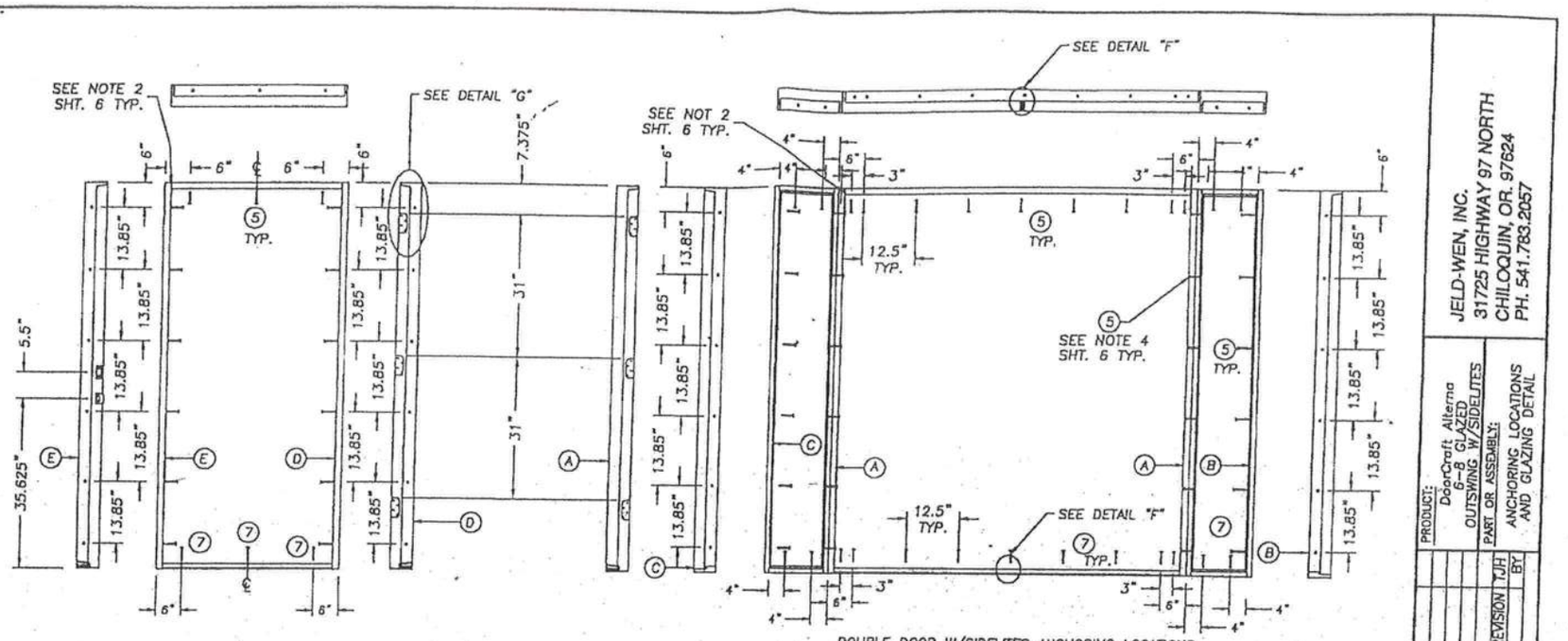
PART OR ASSEMBLY: HORIZONTAL CROSSECTIONS

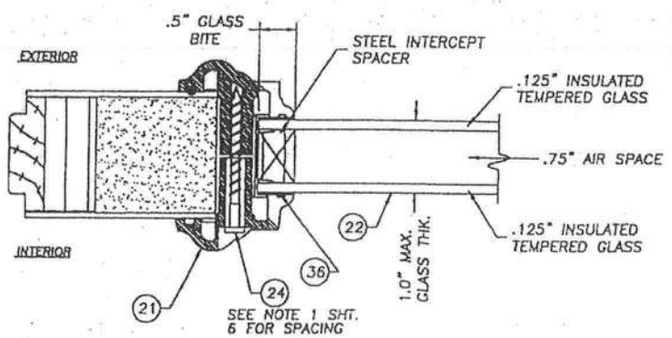
RW BUILDING CONSULTANTS, INC. 813.684.3831

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

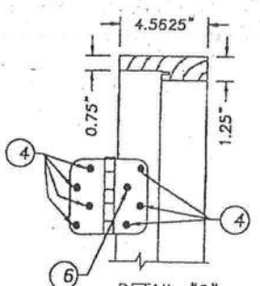
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

DATE: 4/3/00
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 4 OF 7

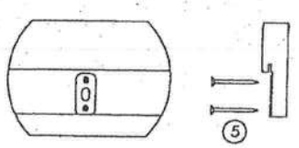




GLAZING DETAIL



DETAIL "G"
HINGE DETAIL



DETAIL "F"
ATTACH ASTRAGAL THROW BOLT
STRIKE PLATE TO FRAME
AS SHOWN.
TOP & BOTTOM

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

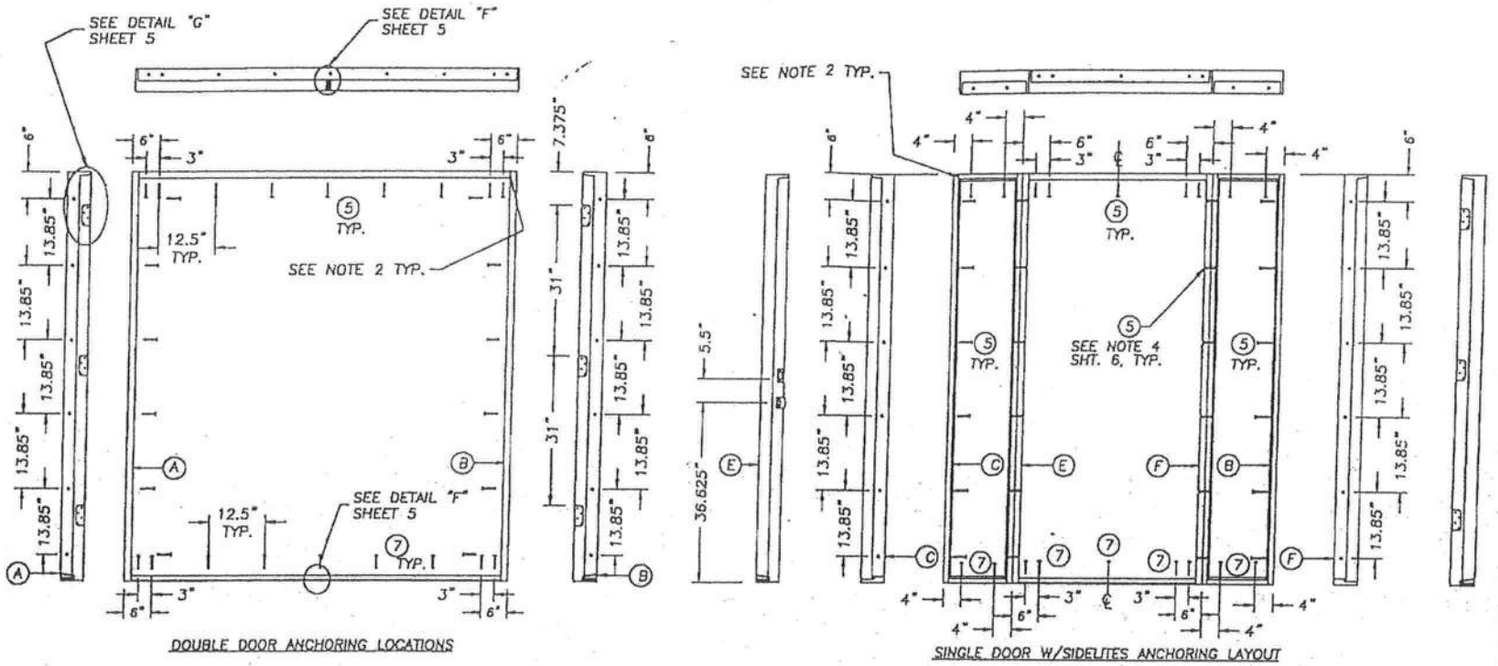
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

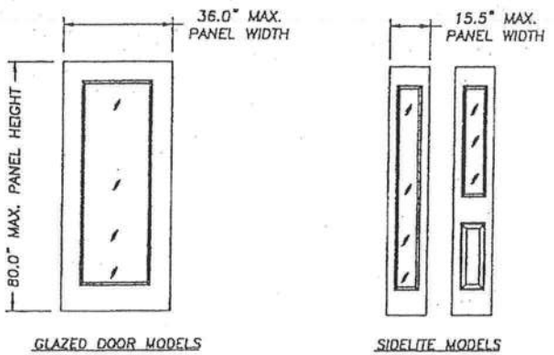
PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES
PART OR ASSEMBLY: ANCHORING LOCATIONS AND GLAZING DETAIL

NO.	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC. 813.684.3831

DATE: 4/3/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 5 OF 7





NOTES:

1. SPACING FOR ITEM #24 (#8 x 1 1/2" TEX SCREW) IS AS FOLLOWS: SIDELITE; TOP & BOTTOM (2) SCREWS 3" IN FROM EACH CORNER. SIDES (6) SCREWS 3.25", 13.75", 26.5", 39.375", 52.0" AND 62.625".
2. THE HEAD JAMBS ARE JOINED TO THE SIDE JAMBS USING (3) 7/8" x 2" WIRE STAPLES.
3. SPACING FOR ITEM #5 ATTACHING THE SIDELITE INTO THE FRAME IS AS FOLLOWS: 6" DOWN FROM TOP & 6" UP FROM BOTTOM WITH (2) MORE EVENLY SPACED, (4) SCREWS TOTAL EACH SIDE.
4. SPACING FOR ITEM #5 AT THE MULLION IS THE SAME AS THE SPACING FOR ITEM #5 ANCHORING THE UNIT INTO THE BUCK, (6) SCREWS EACH MULLION.

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 31, 2007
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-02 11.02

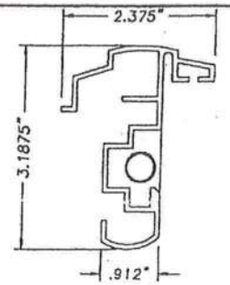
JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: DoorCraft Alterna 6-8 GLAZED OUTSWING W/SIDELITES
PART OR ASSEMBLY: ANCHORING LOCATIONS AND DOOR MODELS

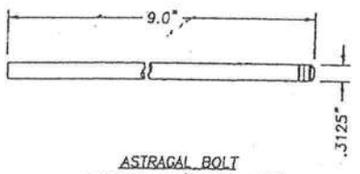
NO.	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC. 813.684.3831

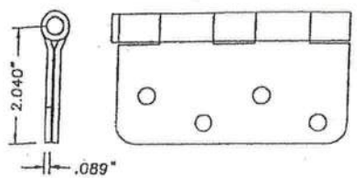
DATE: 4/3/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 6 OF 7



ASTRAGAL (.075" WALL ALUMINUM)
BY IMPERIAL #ANHRW

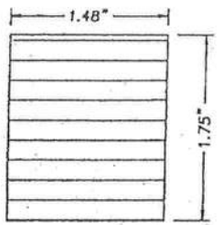


ASTRAGAL BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE

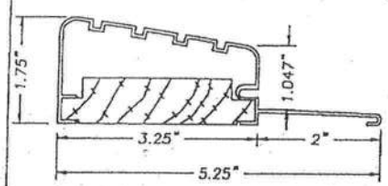


4 x 4 DOOR HINGE
HAGER, FULL MORTISED, STEEL
PLAIN BEARING, RESIDENTIAL WEIGHT

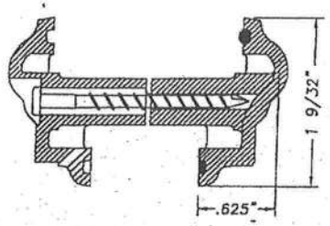
COMPRESSION WEATHERSTRIP
SCHLEGEL Q-LON QDS 650



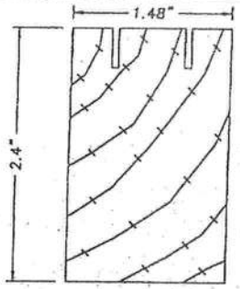
LVL TOP & INTERNAL RAIL



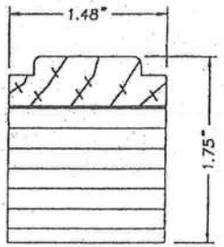
OUTSWING BUMP FACE
ALUMINUM THRESHOLD
.051" WALL THK.
BY IMPERIAL #BSN 13460



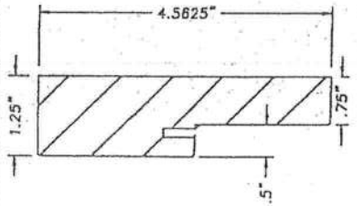
PLASTIC LIP LITE FRAME
POLYPROPYLENE BY ODL



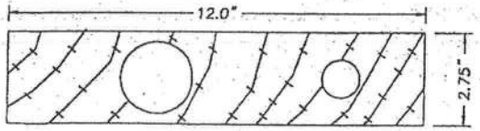
WOOD BOTTOM RAIL



HINGE, LATCH & BLANK STYLE
LVL W/WOOD CAP



WOOD FRAME



LOCK BLOCK, (WOOD)

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057

PRODUCT: DoorCraft Alterna 6'8 GLAZED OUTSWING W/SIDELITES

PART OR ASSEMBLY: FRAME COMPONENTS

NO.	DATE	REVISIONS	BY
1	04/05/01	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC
813.684.3831

DATE: 4/3/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2016
SHEET 7 OF 7

PRODUCT RENEWED
ACCEPTANCE No. 02-0130.05
EXPIRATION DATE May 17, 2007
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE MAY 17 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0211.02

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan including:

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

Foundation Plan including:

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

Roof System:

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

Wall Sections including:

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

☑ ☐ **b) Wood frame wall**

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

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☐ ☐ a) Manual J sizing equipment or equivalent computation

☐ ☐ b) Exhaust fans in bathroom

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

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

☐ ☐ **Disclosure Statement for Owner Builders**

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

☐ ☐ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
   (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

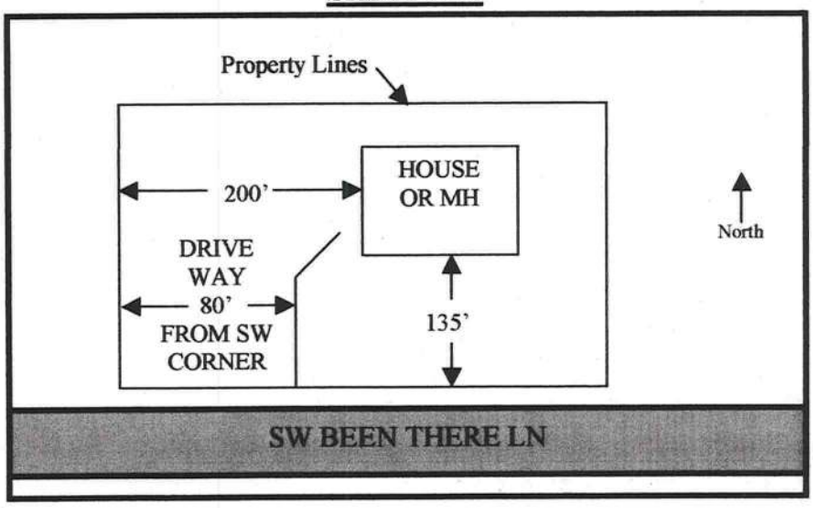
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

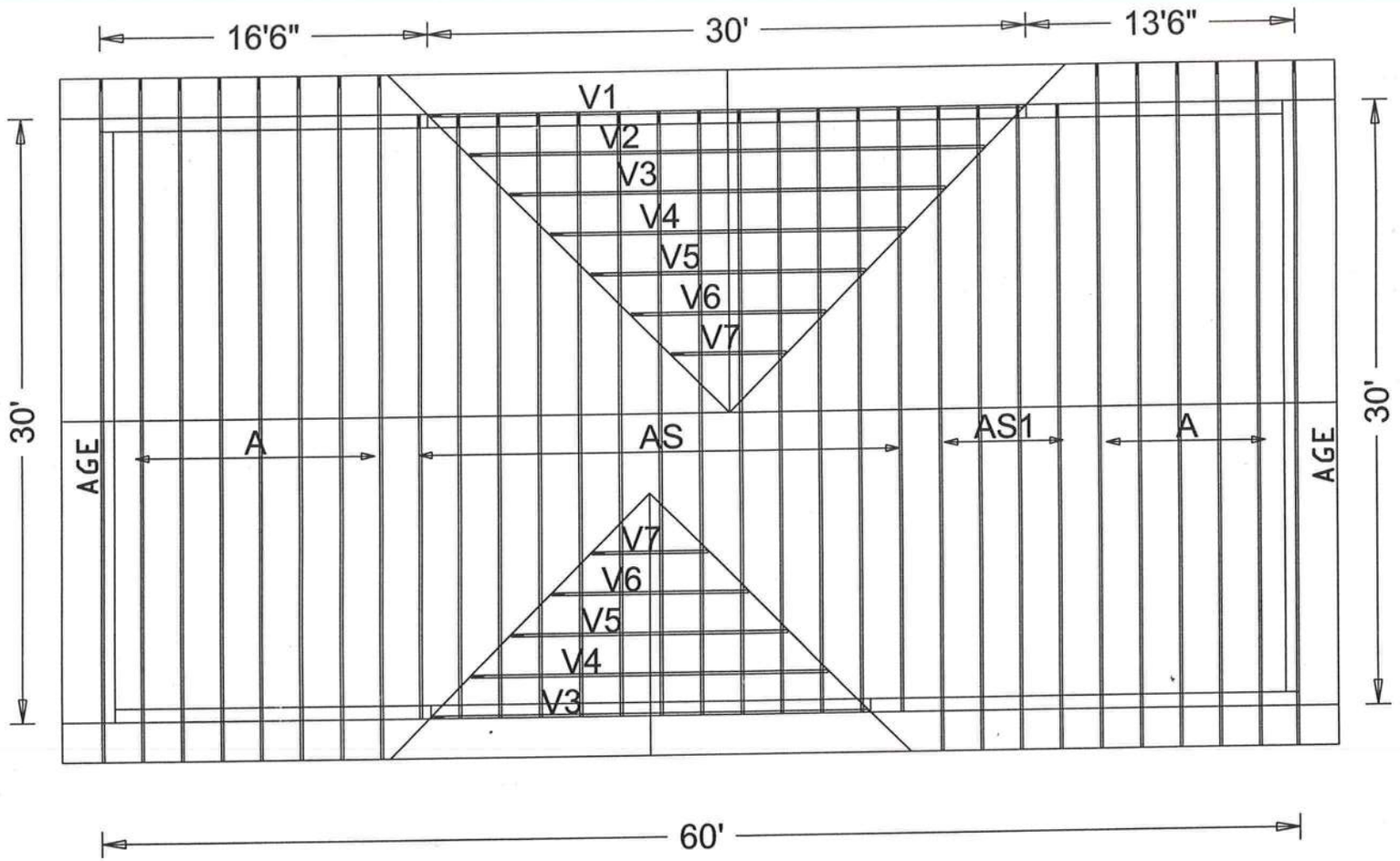
THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.



DONALD DICKS

Roof Plane Sheathing Area = 2433 sq. ft
Gable Sheathing Area = 246 sq. ft
Total Sheathing Area = 2679 sq. ft
Fascia Material = 211 linear ft
Valley Flashing Material = 90 linear ft
Ridge Cap Material = 94 linear ft
Hip Ridge Material = 0 linear ft

JOB LOCATION:

JOB DESCRIPTION: DONALD DICKS

DESIGNED BY:

JOB NO: 5-020

PAGE NO: 1 OF 1

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SJV487-Z0124060309

Truss Fabricator:	Anderson Truss Company
Job Identification:	5-020-DONALD DICKS
Truss Count:	11
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-1995
Engineering Software:	Alpine Software,Version 7.04.0805.15.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Seal Date: 01/24/2005

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The 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: A11015EC-GBLLETIN-VALTRUSS

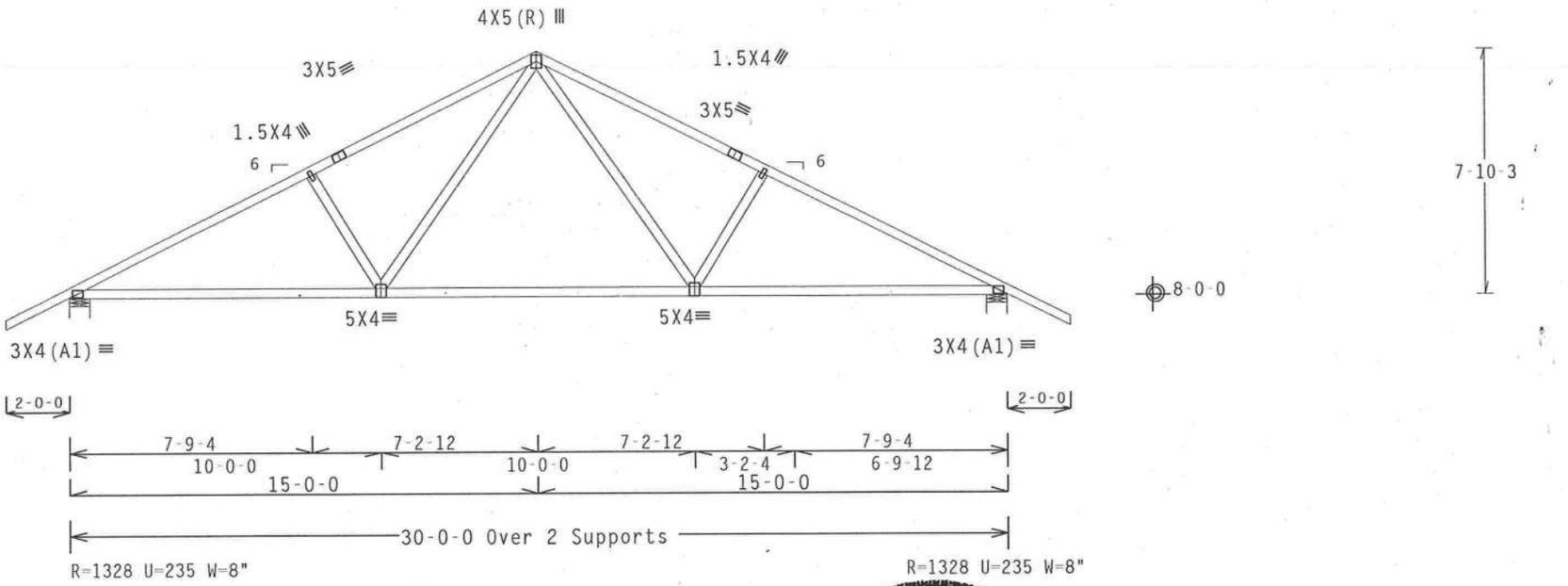
#	Ref	Description	Drawing#	Date
1	37407--A		05020001	01/20/05
2	37408--AS		05020002	01/20/05
3	37409--AS1		05020003	01/20/05
4	37410--AGE		05020011	01/20/05
5	37411--V1		05020004	01/20/05
6	37412--V2		05020005	01/20/05
7	37413--V3		05020006	01/20/05
8	37414--V4		05020007	01/20/05
9	37415--V5		05020008	01/20/05
10	37416--V6		05020009	01/20/05
11	37417--V7		05020010	01/20/05

(5-020-DONALD DICKS - A)

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

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

110 mph wind, 11.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.0 | 2 FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS CERTIFICATE No. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jan 24 '05

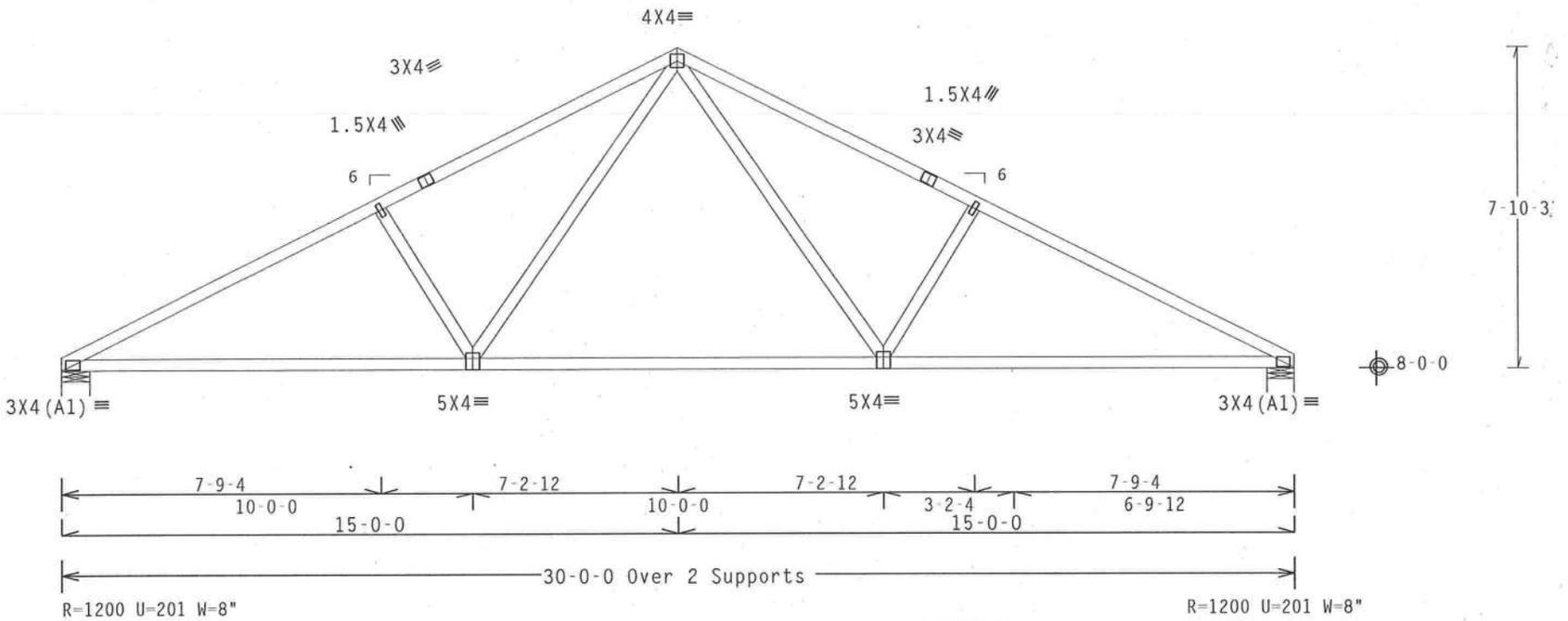
TC LL	20.0 PSF	REF	R487-- 37407
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020001
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60704
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

(5-020-DONALD DICKS - A3)

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

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

110 mph wind, 12.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.0 | QTY 13 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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JAMES F. COLLINS CERTIFICATE No. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER

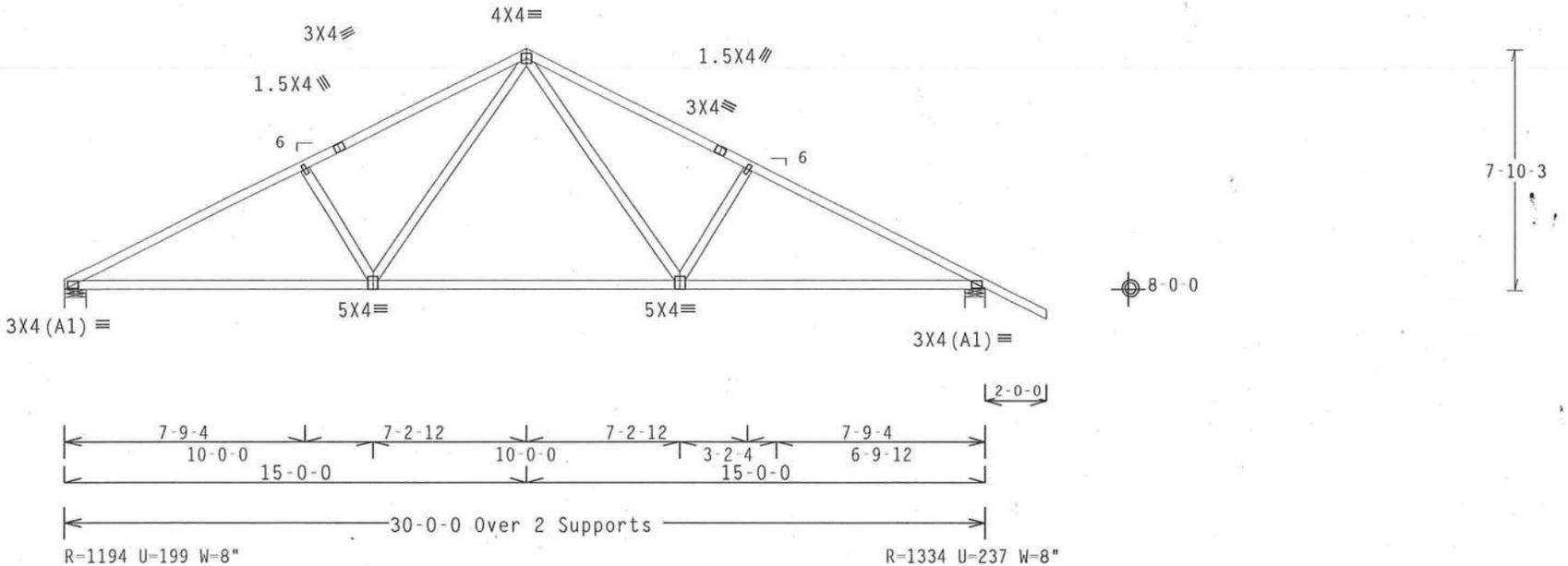
Jan 24 05

TC LL	20.0 PSF	REF	R487-- 37408
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020002
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60711
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

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

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

110 mph wind, 11.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 7.04 [illegible]

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

Scale =.1875"/Ft.

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JAMES F. COLLINS CERTIFICATE NO. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jan 24 '05

TC LL	20.0 PSF	REF R487-- 37409
TC DL	10.0 PSF	DATE 01/20/05
BC DL	10.0 PSF	DRW HCUSR487 05020003
BC LL	0.0 PSF	HC-ENG DF/AP *
TOT.LD.	40.0 PSF	SEQN- 60718
DUR.FAC.	1.25	FROM SA
SPACING	24.0"	JREF- 1SJV487_Z01

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 82 PLF at -2.00 to 82 PLF at 32.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 30.00
BC - From 4 PLF at 30.00 to 4 PLF at 32.00

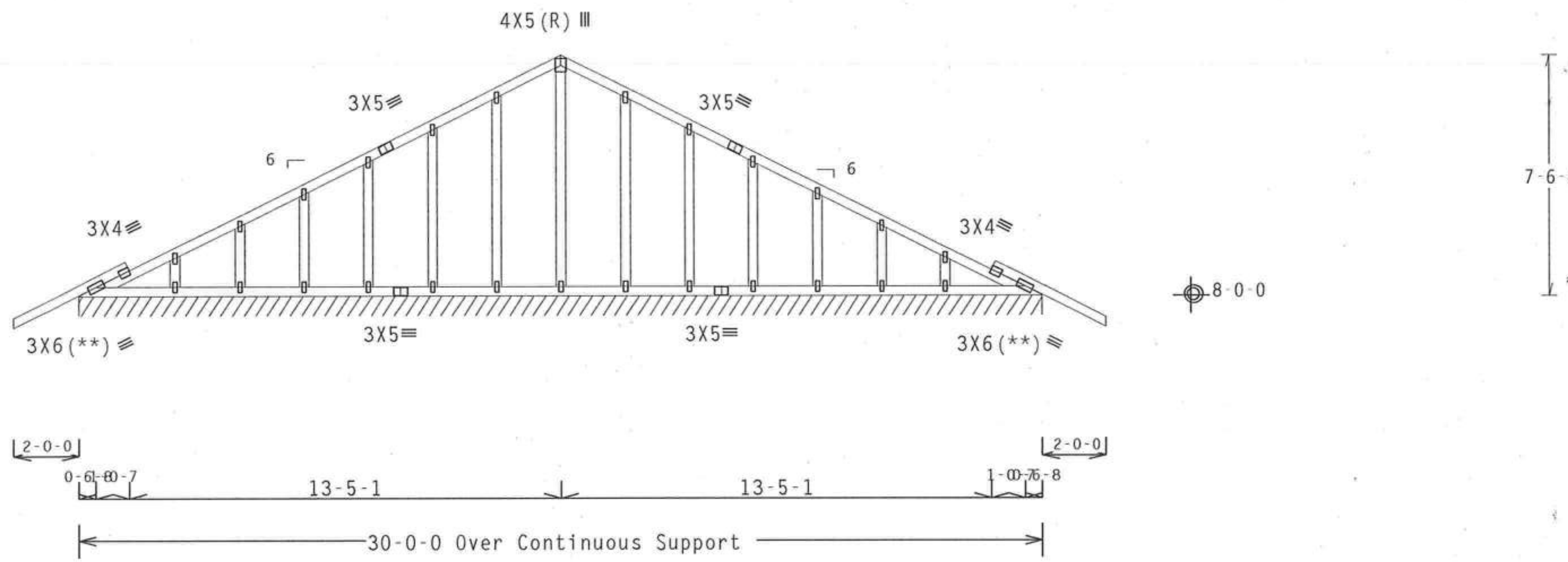
The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

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

110 mph wind, 11.43 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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



R=113 PLF U=21 PLF W=30-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

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

Scale =.1875"/Ft.

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JAMES F. COLLINS, JR.
CERTIFICATE
No. 0052212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Jan 24 '05

TC LL	20.0 PSF	REF R487-- 37410
TC DL	10.0 PSF	DATE 01/20/05
BC DL	10.0 PSF	DRW HCUSR487 05020011
BC LL	0.0 PSF	HC-ENG DF/AP
TOT.LD.	40.0 PSF	SEQN- 60726
DUR.FAC.	1.25	FROM SA
SPACING	24.0"	JREF- 1SJV487_Z01

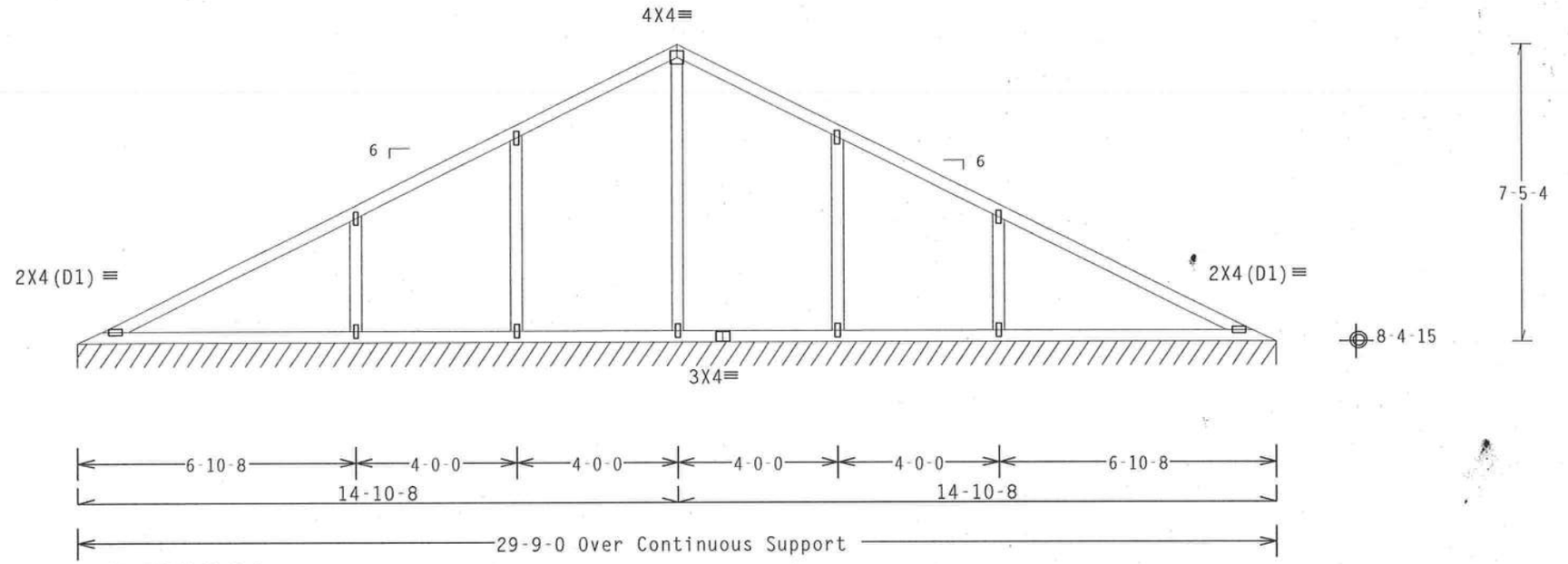
(5-020-DONALD DICKS - V1)

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

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

110 mph wind, 12.27 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWG VALTRUSS1103 for valley details.



R=80 PLF U=13 PLF W=29-9-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.0 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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Jan 24 '05

TC LL	20.0 PSF	REF R487-- 37411
TC DL	10.0 PSF	DATE 01/20/05
BC DL	10.0 PSF	DRW HCUSR487 05020004
BC LL	0.0 PSF	HC-ENG DF/AP *
TOT.LD.	40.0 PSF	SEQN- 60731
DUR.FAC.	1.25	FROM SA
SPACING	24.0"	JREF- 1SJV487_Z01

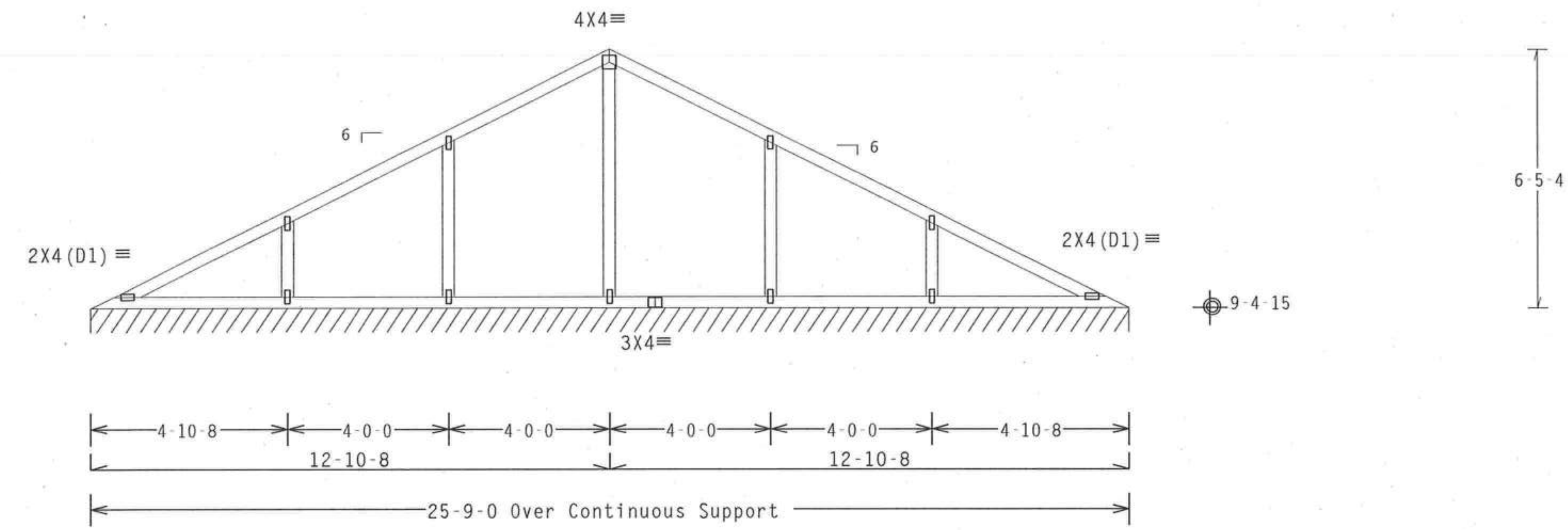
(5-020-DONALD DICKS - V2)

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

110 mph wind, 12.77 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.

See DWG VALTRUSS1103 for valley details.



R=80 PLF U=13 PLF W=25-9-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.0

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

Scale =.25"/Ft.

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PROFESSIONAL ENGINEER

Jan 24 '05

TC LL	20.0 PSF	REF	R487-- 37412
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020005
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60736
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

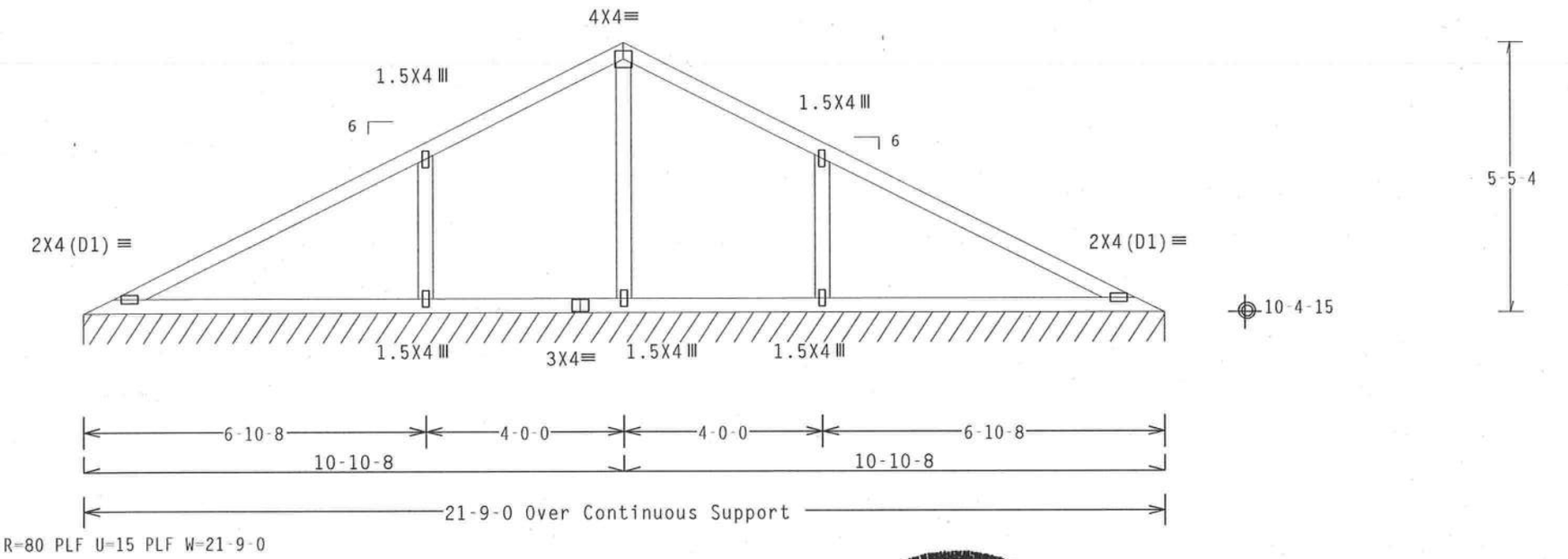
(5-020-DONALD DICKS - V3)

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

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

110 mph wind, 13.27 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 p

See DWG VALTRUSS1103 for valley details.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.[illegible]15 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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Jan 24 '05

TC LL	20.0 PSF	REF	R487-- 37413
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020006
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60741
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

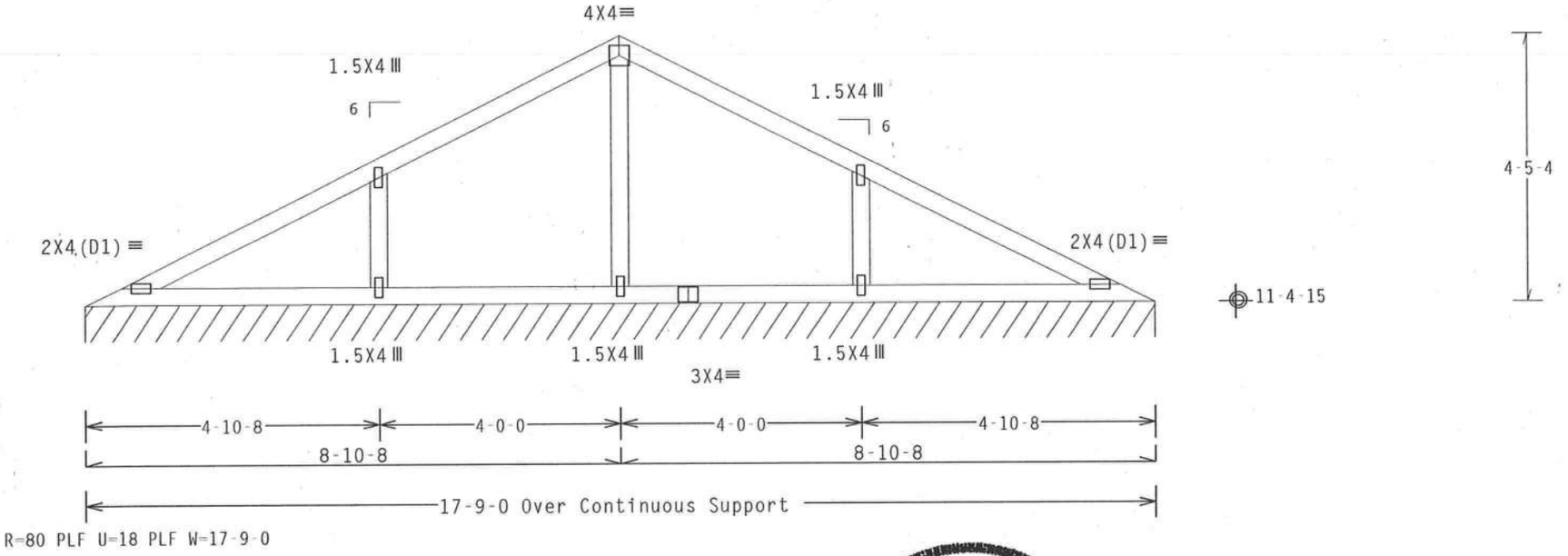
(5-020-DONALD DICKS - V4)

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

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

110 mph wind, 13.77 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWG VALTRUSS1103 for valley details.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.[illegible]08.15 | [illegible]2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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Jan 24 '05

TC LL	20.0 PSF	REF	R487-- 37414
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020007
BC LL	0.0 PSF		HC-ENG DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60747
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

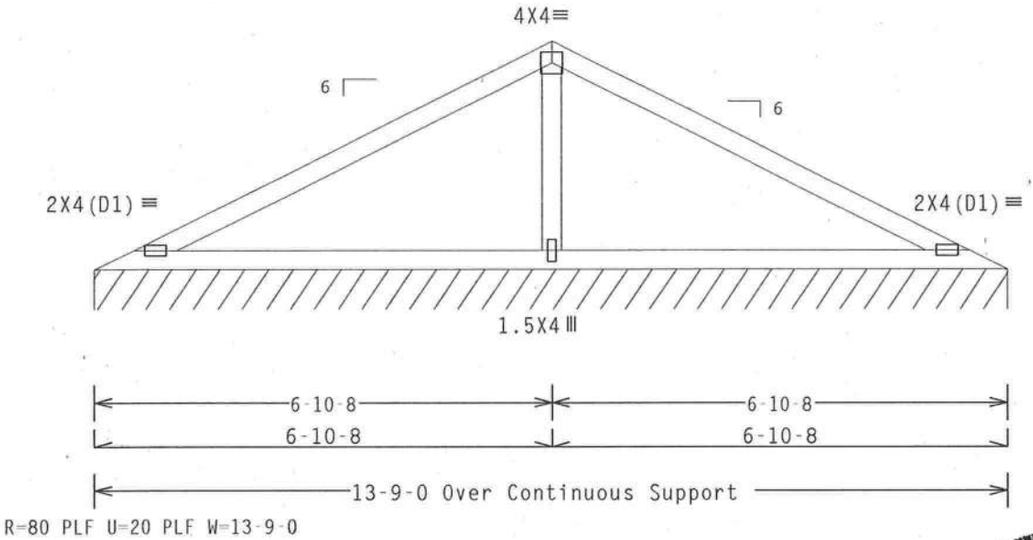
(5-020-DONALD DICKS - V5)

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

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

110 mph wind, 12.27 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.

See DWG VALTRUSS1103 for valley details.



10-4-15

3-5-4

R=80 PLF U=20 PLF W=13-9-0

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.0[illegible]80-15 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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Jan 24 '05

TC LL	20.0 PSF	REF	R487-- 37415
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020008
BC LL	0.0 PSF	HC-ENG	DF/AP
TOT.LD.	40.0 PSF	SEQN-	60751
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

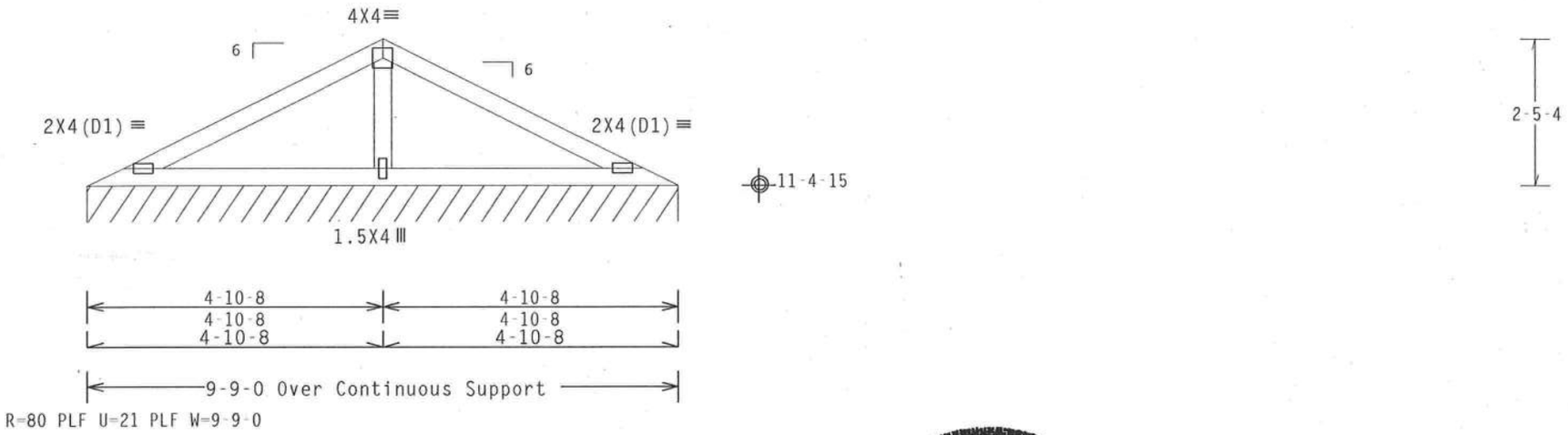
(5-020-DONALD DICKS - V6)

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

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

110 mph wind, 12.77 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.

See DWG VALTRUSS1103 for valley details.



R=80 PLF U=21 PLF W=9-9-0

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.0 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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Jan 24 '05

TC LL	20.0 PSF	REF	R487-- 37416
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020009
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60755
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

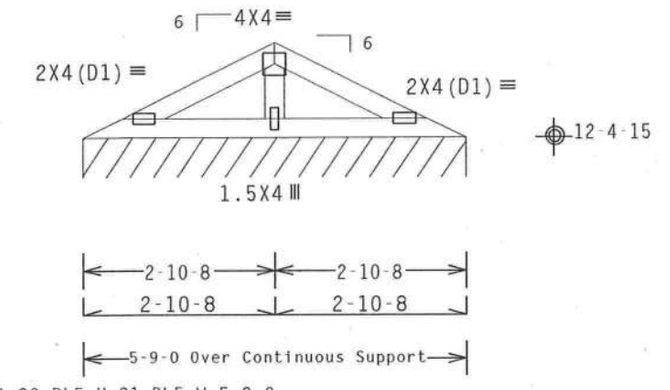
(5-020-DONALD DICKS - V7)

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

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

110 mph wind, 13.27 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.

See DWG VALTRUSS1103 for valley details.



R=80 PLF U=31 PLF W=5-9-0

1-5-4

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC 7.0[illegible]

ALPINE

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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JAMES F. COLLINS CERTIFICATE No. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jan 24 '05

FL/-/4/-/-/R/-		Scale =.375"/Ft.	
TC LL	20.0 PSF	REF	R487-- 37417
TC DL	10.0 PSF	DATE	01/20/05
BC DL	10.0 PSF	DRW	HCUSR487 05020010
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	60761
DUR.FAC.	1.25	FROM	SA
SPACING	24.0"	JREF-	1SJV487_Z01

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

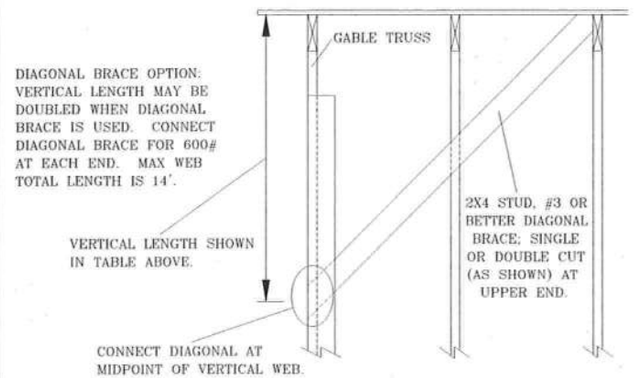
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

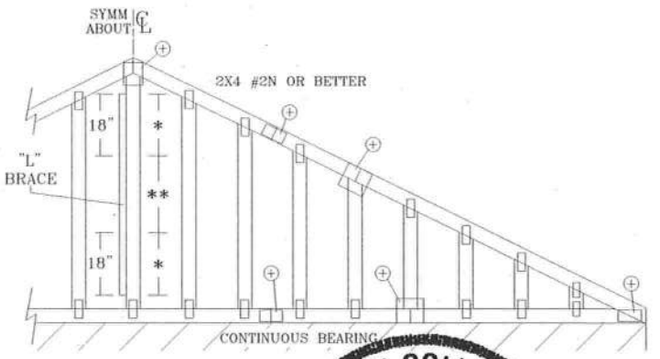
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

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





REFER TO CHART ABOVE FO[illegible] LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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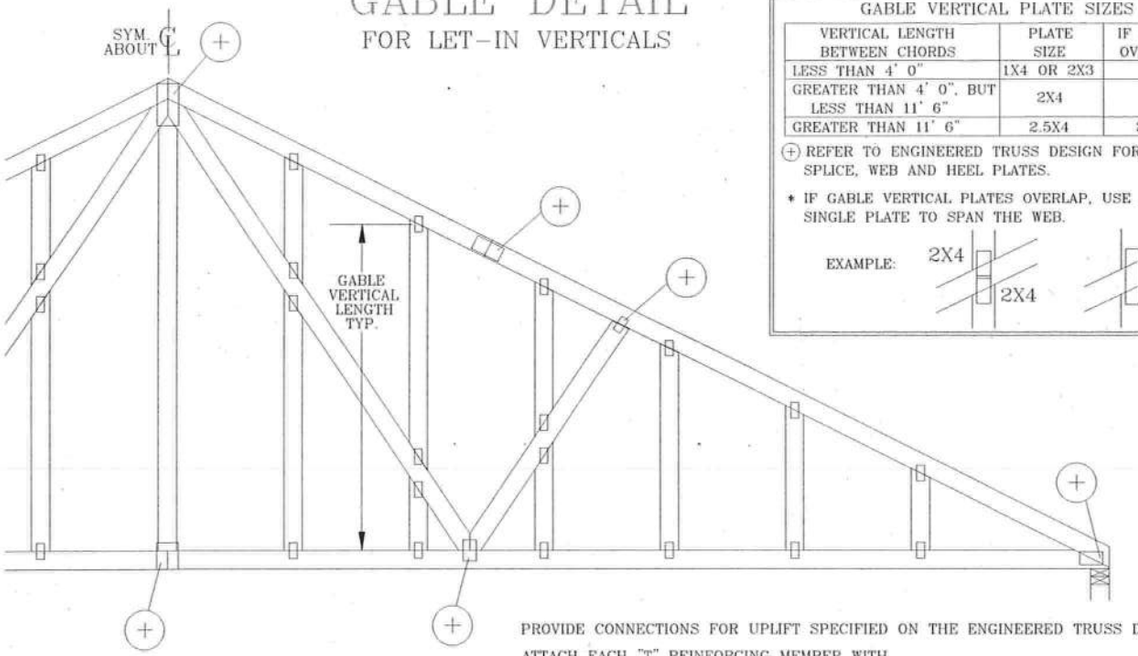
JAMES F. COLLINS JR. CERTIFICATE No. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER 11/14/2003

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

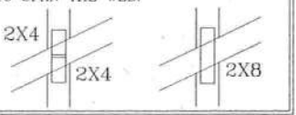
GABLE DETAIL
FOR LET-IN VERTICALS

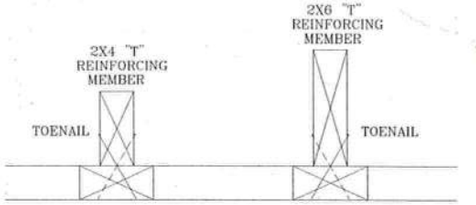


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE: 



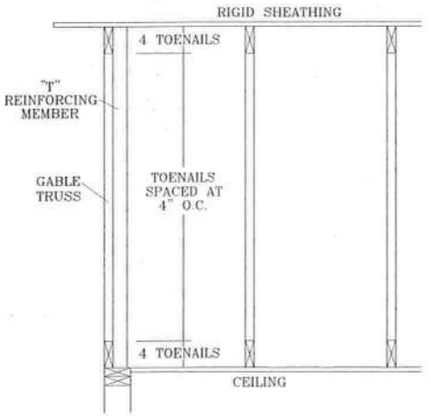
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

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

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

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS JR. CERTIFICATE No. 0052212 STATE OF FLORIDA PROFESSIONAL ENGINEER

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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

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

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR SBC 110 MPH, ASCE 7-93 110 MPH WIND OR ASCE 7-98 130 MPH WIND. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

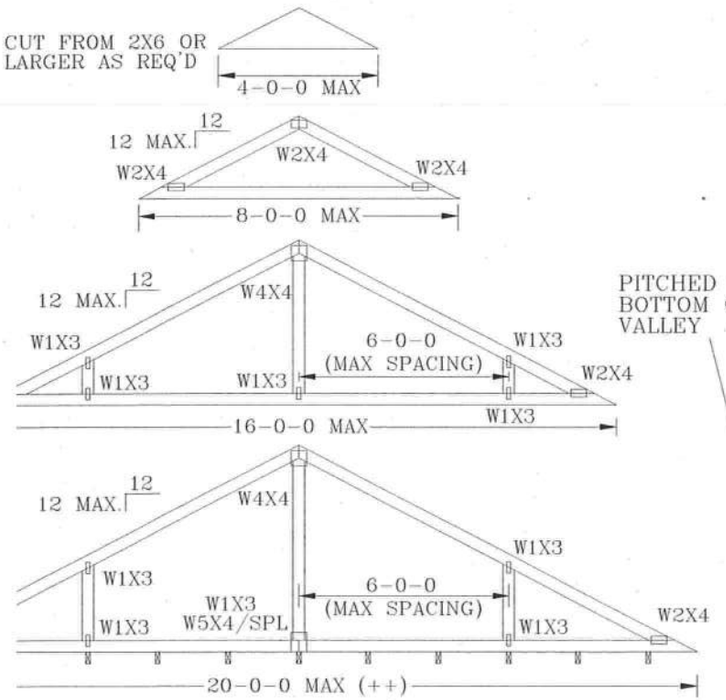
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

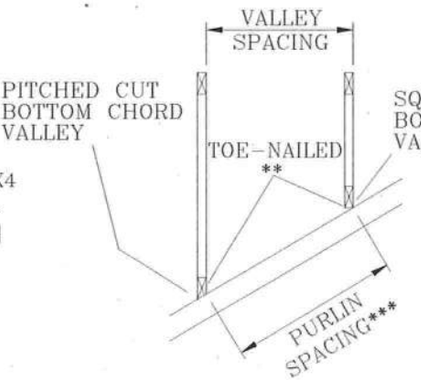
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

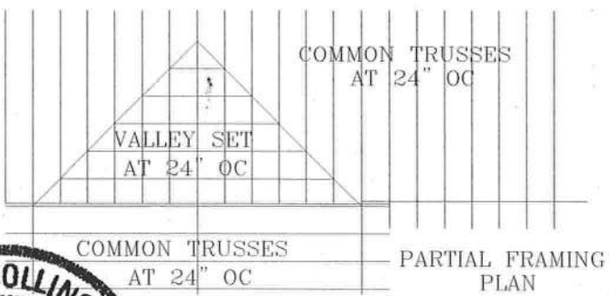
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.





THIS DRAWING REPLACES DRAWING A105

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TC LL	30	30	40 PSF	
TC DL	20	15	7 PSF	
BC DL	10	10	10 PSF	
BC LL	0	0	0 PSF	
TOT. LD.	60	55	57 PSF	
DUR.FAC.	1.25/1.33	1.15	1.15	
SPACING		24"		

REF	VALLEY DETAIL
DATE	11/26/03
DRWG	VALTRUSS1103
-ENG	MLH/KAR