DATE 10/20/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000023737

APPLICANT MARILYN EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD LAKE CITY FL 32025

OWNER DOLORES INLOW PHONE 755-4346

ADDRESS 199 SW MELBA GLEN LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 752-0580

LOCATION OF PROPERTY 47S, TR ON CR 242, TR ON WISE DR, TL ON GARDNER, TR ON MELBA GLEN, 4TH LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 76850.00

HEATED FLOOR AREA 1537.00 TOTAL AREA 2268.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 18

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 24-4S-16-03113-157 SUBDIVISION WISE ESTATES

LOT 27 BLOCK PHASE UNIT TOTAL ACRES .50

000000852 — RR28281136 — Marilyn J Edgley

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

Driveway Connection | Septic Tank Number 05-1019-N | LU & Zoning checked by BK | Approved for Issuance JH | New Resident Y

COMMENTS: PLAT REQUIRES ELEVATION TO BE 97.3, ELEVATION LETTER REQUIRED BEFORE SLAB, NOC ON FILE

Check # or Cash 1354

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 $ 385.00 CERTIFICATION FEE $ 11.34 SURCHARGE FEE $ 11.34

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ .00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 507.68

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

CK# 1354 Revised 9-23-04

For Office Use Only Application # 0510-42 Date Received 10/13/05 By JW Permit # 23737

Application Approved by - Zoning Official BLK Date 10.10.05 Plans Examiner OK JTH Date 10-20-05

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den.

Comments MINIMUM FLOOR ELEVATION 97.3' per plat. Elevation letter Required before SLAB

Applicants Name Kimmy Edgley Phone 386-752-0580

Address 590 SW Arlington Blvd, Suite 105, Lake City, Fl 32025

Owners Name Dolores Inlow Phone 386-755-4346

911 Address 199 SW Melba Glen, Lake City, Fl 32024

Contractors Name Edgley Construction Co. Phone 386-752-0580

Address 590 SW Arlington Blvd, Suite 105, Lake City, Fl 32025

Fee Simple Owner Name & Address Dolores Inlow

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway, P.E., P.O. BOX 868, Lake City, Fl 32056

Mortgage Lenders Name & Address N/A

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

Property ID Number 24-4S-16-03113-157 Estimated Cost of Construction $146,000.00

Subdivision Name Wise Estates Lot 27 Block C Unit ____ Phase ____

Driving Directions SR 47, TR County Road 242, Tr on Wise Drive, TL on Gardner Terrace, TR on Melba Glen, Lot on left 4th

Type of Construction Res. Single Family Number of Existing Dwellings on Property N/A

Total Acreage .50 Lot Size ____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 53' Side 43' Side 25' Rear 55'

Total Building Height 18'10" Number of Stories 1 Heated Floor Area 1537 Roof Pitch 7/12

Porches 244 GARAGE 487 TOTAL 2268

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.

Kimmy Edgley - Agent
Owner Builder or Agent (Including Contractor)

Daryle E Edgley
Contractor Signature
Contractors License Number RR282811326
Competency Card Number 5472
NOTARY STAMP/SEAL

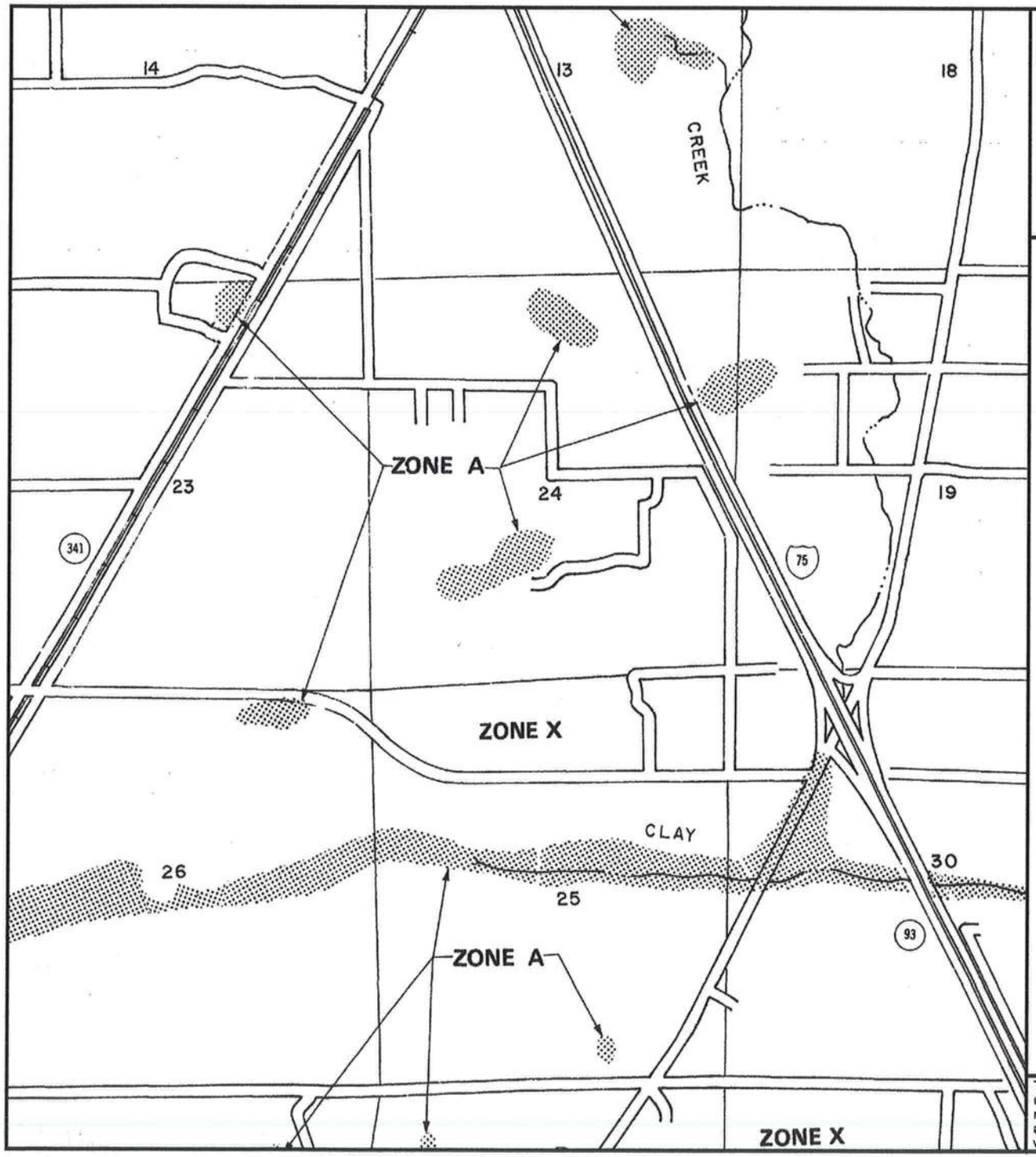
STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 13TH day of Oct 2005.

Personally known or Produced Identification

Jan Clark
Notary Signature

NOTARY PUBLIC STATE OF FLORIDA
JAN CLARK
MY COMMISSION # DD 181635
EXPIRES: March 28, 2007
Bonded Thru Budget Notary Service



APPROXIMATE SCALE IN FEET

2000 0 2000

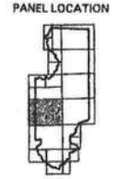
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



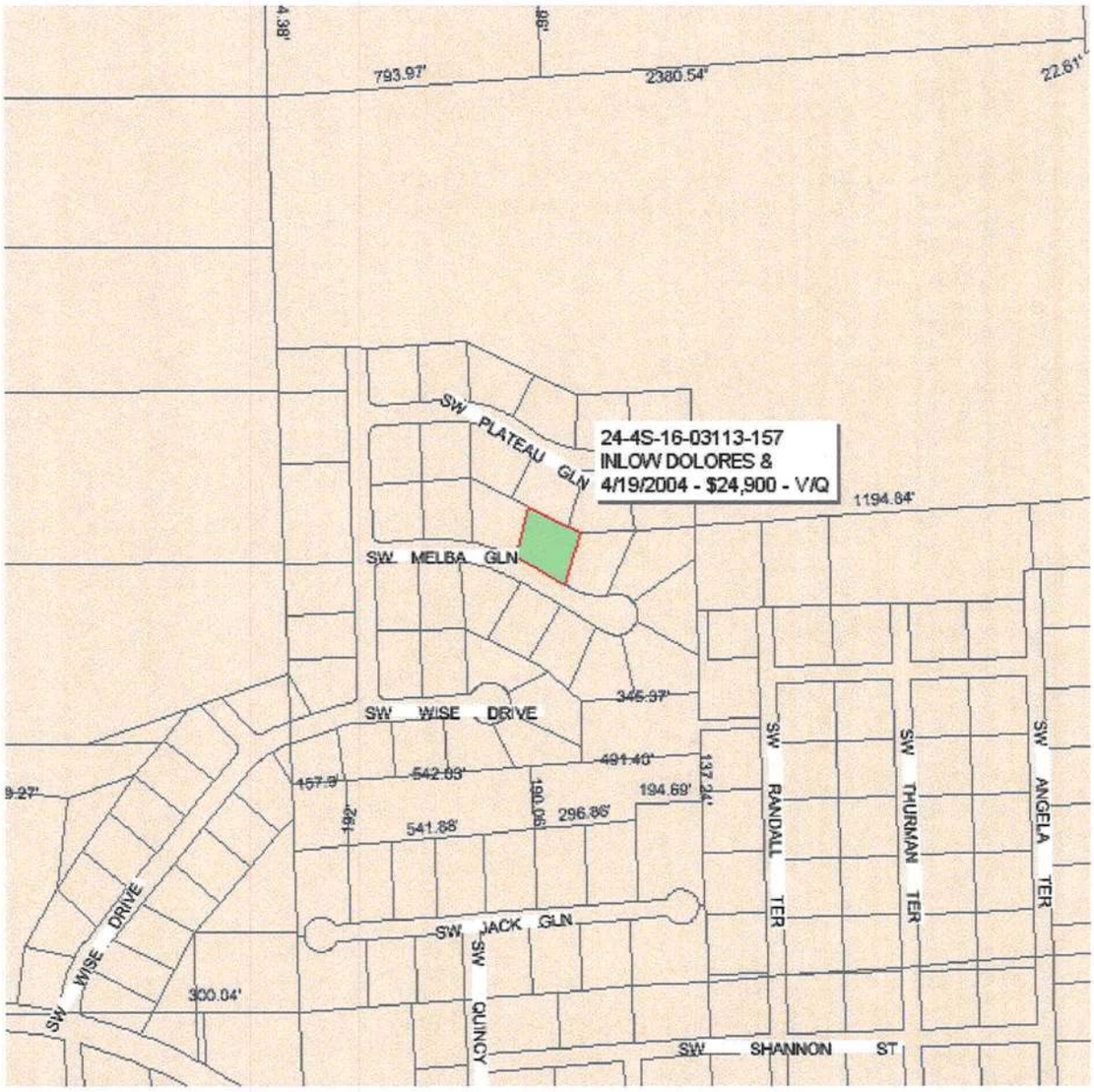
COMMUNITY-PANEL NUMBER
120070 0175 B

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: 10/19/2005 (printed at scale and type A)



Columbia County Property Appraiser

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

PARCEL: 24-4S-16-03113-157 - VACANT (000000)

LOT 27 BLOCK C WISE ESTATE S/D WD 1012-2720.

Name:	INLOW DOLORES &	LandVal	$20,500.00
Site:	MELBA	BldgVal	$0.00
	WILLIAM E CRUMP JR (JTWRS)	ApprVal	$20,500.00
Mail:	183 MAYNARD LANE	JustVal	$20,500.00
	STRASBURG, VA 22657	Assd	$20,500.00
Sales Info	4/19/2004 $24,900.00 V / Q	Exmpt	$0.00
		Taxable	$20,500.00

0 200 400 600 ft

N W E S

This information, GIS Map Updated: 8/3/2005, 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.

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 24-4S-16-03113-157

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	INLOW DOLORES &
Site Address	MELBA
Mailing Address	WILLIAM E CRUMP JR (JTWRS) 183 MAYNARD LANE STRASBURG, VA 22657
Brief Legal	LOT 27 BLOCK C WISE ESTATE S/D WD 1012-2720.

Use Desc. (code)	VACANT (000000)
Neighborhood	24416.00
Tax District	2
UD Codes	MKTA06
Market Area	06
Total Land Area	0.580 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$20,500.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$20,500.00

Just Value	$20,500.00
Class Value	$0.00
Assessed Value	$20,500.00
Exempt Value	$0.00
Total Taxable Value	$20,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
4/19/2004	1012/2720	WD	V	Q		$24,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.580AC)	1.00/1.00/1.00/1.00	$20,500.00	$20,500.00

Columbia County Property Appraiser DB Last Updated: 9/16/2005

1 of 1

Disclaimer

ATS# 13978

Prepared by:
Teresa Baker
Abstract & Title Services, Inc.
382 SW Baya Drive
Lake City, FL 32025

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 19th day of April, 2004 by

Peter W. Giebeig a single person
hereinafter called the grantor, to

Dolores Inlow a single person and William E. Crump, Jr.
whose post office address is: 183 Maynard Lane, Strasburg, VA 22657
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# R03095-003

Lot 27, Block C, of Wise Estates, a subdivision according to the plat thereof recorded in Plat Book 7, Page 164-167, of the Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Rhonda B. Green

Witness

Peter W. Giebeig

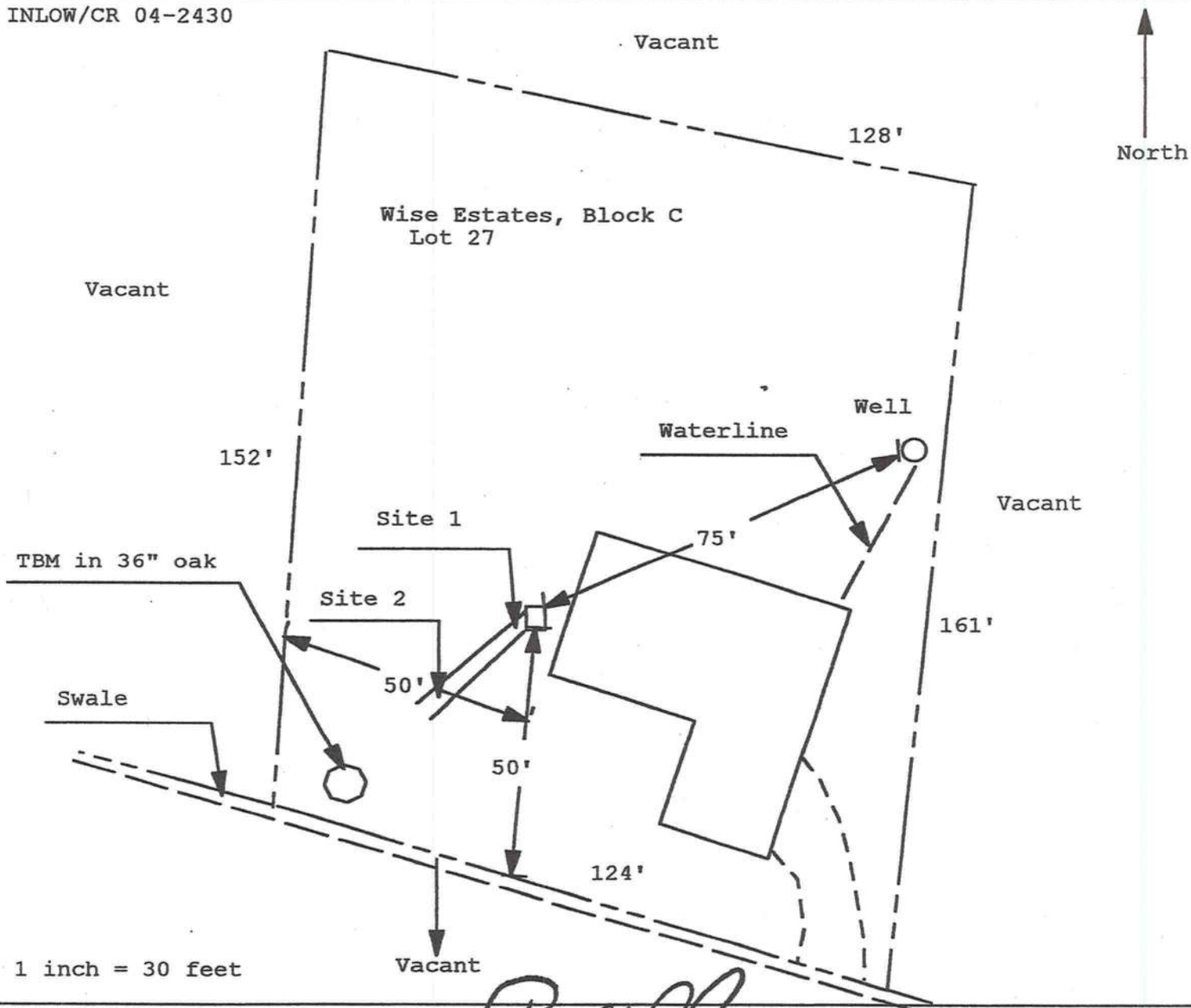
STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Permit Application Number: 05-1019N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

INLOW/CR 04-2430



Site Plan Submitted By Paul Lloyd Date 11/18/04

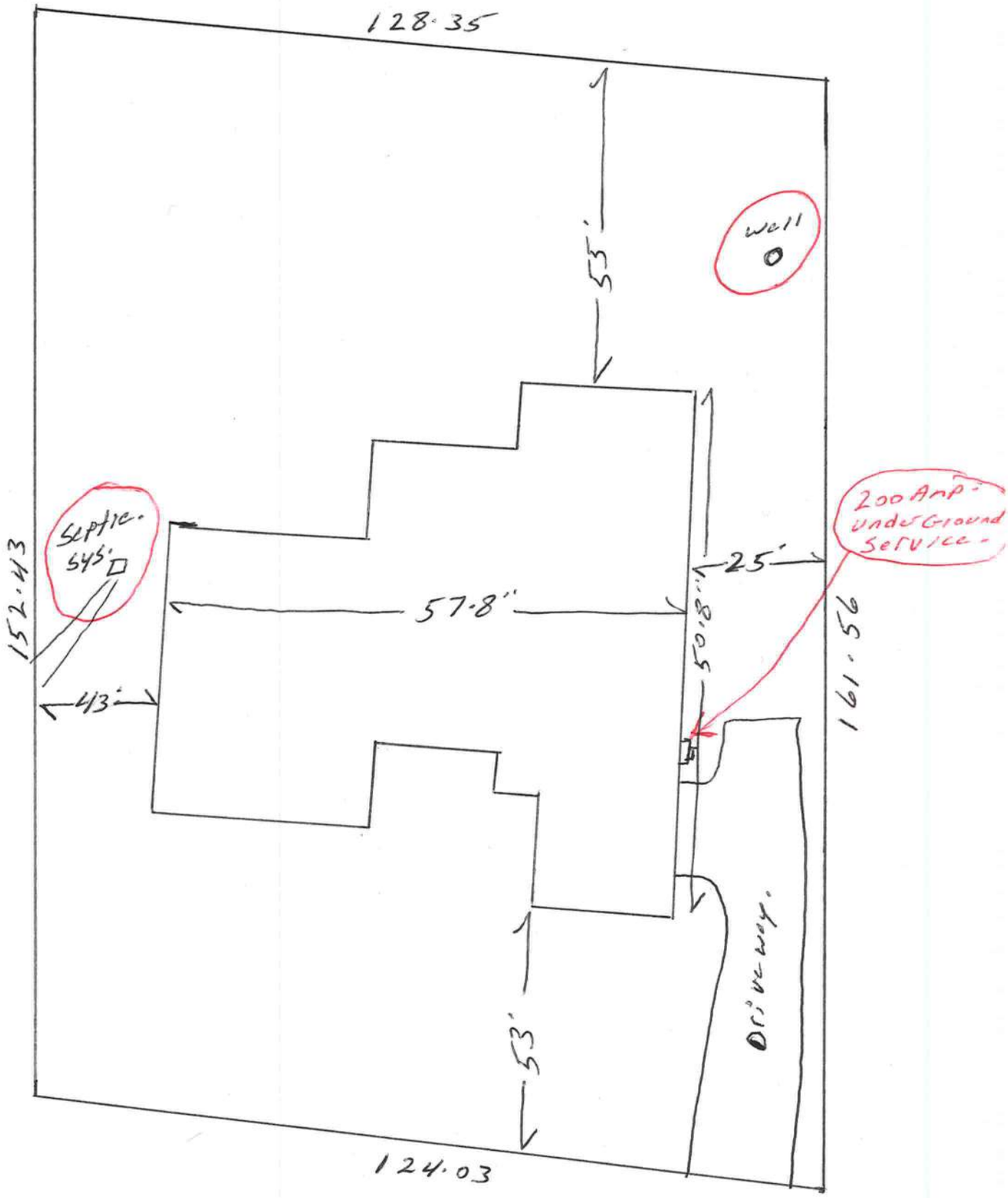
Plan Approved ✓ Not Approved ____ Date 10/10/05

By [illegible] Columbia CPHU

Notes:

Delores A. Inlow.
Lot 27 Block C
wise Estates.

P.I.N. # 23-45-16-03073-003



Filow

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: December 15, 2004

ENHANCED 9-1-1 ADDRESS:

199 SW MELBA GLN (LAKE CITY, FL 32024)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS:

PROPERTY APPRAISER MAP SHEET NUMBER: 71D

PROPERTY APPRAISER PARCEL NUMBER: 24-4S-16-03113-157

Other Contact Phone Number (If any):

Building Permit Number (If known):

Remarks: LOT 27, BLOCK C, WISE ESTATES S/D

Address Issued By: _____
Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

IN/OW

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

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

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

June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank you,

Donald D. Hall
DDH/jk

FORM 600A-2001 EnergyGauge® 3.4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**408095InlowRes.**	Builder:	**Edgley Const.**
Address:	**Lot: , Sub: , Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, FL**	Permit Number:	23737
Owner:		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?		Yes	
6. Conditioned floor area (ft²)		1537 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	184.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 200.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Face Brick, Wood, Exterior		R=13.0, 1132.0 ft²	
b. Frame, Wood, Exterior		R=13.0, 220.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1537.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 190.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 32.0 kBtu/hr	
	SEER: 10.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 32.0 kBtu/hr	
	HSPF: 7.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	
	EF: 0.89	
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)		

Glass/Floor Area: 0.12

Total as-built points: 24491
Total base points: 24749

PASS

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

PREPARED BY: Evan Beamsley

DATE: 2/1/05

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE

GLASS TYPES

.18 X	Conditioned Floor Area	BSPM	= Points
.18	**1537.0**	**20.04**	**5544.3**

WALL TYPES	Area	X BSPM	= Points
Adjacent	0.0	0.00	0.0
Exterior	1352.0	1.70	2298.4
Base Total:	**1352.0**		**2298.4**

DOOR TYPES	Area	X BSPM	= Points
Adjacent	20.0	2.40	48.0
Exterior	44.0	6.10	268.4
Base Total:	**64.0**		**316.4**

CEILING TYPES	Area	X BSPM	= Points
Under Attic	1537.0	1.73	2659.0
Base Total:	**1537.0**		**2659.0**

FLOOR TYPES	Area	X BSPM	= Points
Slab	200.0(p)	-37.0	-7400.0
Raised	0.0	0.00	0.0
Base Total:			**-7400.0**

INFILTRATION	Area	X BSPM	= Points
	1537.0	10.21	15692.8

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area	X SPM	X SOF	= Points
Double, Clear	W	1.5	5.5	45.0	38.52	0.90	1554.9
Double, Clear	W	11.5	7.0	20.0	38.52	0.43	332.9
Double, Clear	S	17.5	7.5	10.0	35.87	0.44	158.7
Double, Clear	W	1.5	5.5	20.0	38.52	0.90	691.0
Double, Clear	N	0.0	0.0	15.0	19.20	1.00	288.0
Double, Clear	E	8.5	7.5	14.0	42.06	0.48	285.3
Double, Clear	E	1.5	5.5	30.0	42.06	0.90	1131.0
Double, Clear	E	0.0	0.0	30.0	42.06	1.00	1261.9
As-Built Total:				**184.0**			**5703.7**

Type	R-Value	Area	X SPM	= Points
Face Brick, Wood, Exterior	13.0	1132.0	0.35	396.2
Frame, Wood, Exterior	13.0	220.0	1.50	330.0
As-Built Total:		**1352.0**		**726.2**

Type	Area	X SPM	= Points
Exterior Insulated	14.0	4.10	57.4
Exterior Insulated	10.0	4.10	41.0
Adjacent Insulated	20.0	1.60	32.0
Exterior Insulated	20.0	4.10	82.0
As-Built Total:	**64.0**		**212.4**

Type	R-Value	Area	X SPM X SCM	= Points
Under Attic	30.0	1537.0	1.73 X 1.00	2659.0
As-Built Total:		**1537.0**		**2659.0**

Type	R-Value	Area	X SPM	= Points
Slab-On-Grade Edge Insulation	0.0	200.0(p	-41.20	-8240.0
As-Built Total:		**200.0**		**-8240.0**

Area	X SPM	= Points
1537.0	10.21	15692.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT							
Summer Base Points:			**19110.8**	**Summer As-Built Points:**							**16754.1**
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	
19110.8	**0.4266**		**8152.7**	16754.1 **16754.1**	1.000 **1.00**	(1.090 x 1.147 x 1.00) **1.250**	0.341 **0.341**	1.000 **1.000**		7149.0 **7149.0**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE

GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points
.18 1537.0	12.74	3524.6

WALL TYPES	Area X BWPM	= Points
Adjacent	0.0 0.00	0.0
Exterior	1352.0 3.70	5002.4
Base Total:	**1352.0**	**5002.4**

DOOR TYPES	Area X BWPM	= Points
Adjacent	20.0 11.50	230.0
Exterior	44.0 12.30	541.2
Base Total:	**64.0**	**771.2**

CEILING TYPES	Area X BWPM	= Points
Under Attic	1537.0 2.05	3150.8
Base Total:	**1537.0**	**3150.8**

FLOOR TYPES	Area X BWPM	= Points
Slab	200.0(p) 8.9	1780.0
Raised	0.0 0.00	0.0
Base Total:		**1780.0**

INFILTRATION	Area X BWPM	= Points
	1537.0 -0.59	-906.8

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF =	Points
Double, Clear	W	1.5	5.5	45.0	20.73	1.03	959.0
Double, Clear	W	11.5	7.0	20.0	20.73	1.21	502.4
Double, Clear	S	17.5	7.5	10.0	13.30	3.58	475.4
Double, Clear	W	1.5	5.5	20.0	20.73	1.03	426.2
Double, Clear	N	0.0	0.0	15.0	24.58	1.00	368.7
Double, Clear	E	8.5	7.5	14.0	18.79	1.32	347.8
Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
Double, Clear	E	0.0	0.0	30.0	18.79	1.00	563.8
As-Built Total:				**184.0**			**4230.4**

Type	R-Value	Area X	WPM	= Points
Face Brick, Wood, Exterior	13.0	1132.0	3.17	3594.1
Frame, Wood, Exterior	13.0	220.0	3.40	748.0
As-Built Total:		**1352.0**		**4342.1**

Type	Area X	WPM	= Points
Exterior Insulated	14.0	8.40	117.6
Exterior Insulated	10.0	8.40	84.0
Adjacent Insulated	20.0	8.00	160.0
Exterior Insulated	20.0	8.40	168.0
As-Built Total:	**64.0**		**529.6**

Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	30.0	1537.0	2.05 X 1.00	3150.8
As-Built Total:		**1537.0**		**3150.8**

Type	R-Value	Area X	WPM	= Points
Slab-On-Grade Edge Insulation	0.0	200.0(p	18.80	3760.0
As-Built Total:		**200.0**		**3760.0**

Area X	WPM	= Points
1537.0	-0.59	-906.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT							
Winter Base Points:			**13322.3**	**Winter As-Built Points:**							**15106.1**
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		
13322.3	**0.6274**		**8358.4**	15106.1 **15106.1**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.487 **0.487**	1.000 **1.000**	9196.1 **9196.1**		

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** 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	40.0	0.89	3		1.00	2715.15	1.00	8145.4
					As-Built Total:							**8145.4**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
8153	**8358**	**8238**	**24749**	**7149**	**9196**	**8145**	**24491**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: , Plat: , Lake City, FL,** 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.	X
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%.	X
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.	✓

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.9

The higher the score, the more efficient the home.

, Lot: , Sub: , Plat: , Lake City, FL,

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?		Yes	
6. Conditioned floor area (ft²)		1537 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	184.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 200.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Face Brick, Wood, Exterior		R=13.0, 1132.0 ft²	
b. Frame, Wood, Exterior		R=13.0, 220.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1537.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 190.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 32.0 kBtu/hr	
	SEER: 10.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 32.0 kBtu/hr	
	HSPF: 7.00	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	
	EF: 0.89	
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)		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/488-2124.*

EnergyGauge® (Version: FLR2PB v3.4)

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 24-4S-16-03113-157

1. **Description of property: (legal description of the property and street address or 911 address)**
   Lot 27 Block C Wise Estates S/D WD 1012-2720

   Inst:2005025865 Date:10/18/2005 Time:11:34
   MK DC,P.DeWitt Cason,Columbia County B:1062 P:284

2. **General description of improvement:** Single Family Dwelling
3. **Owner Name & Address** Dolores Inlow, 199 SW Melba Glen, Lake City, Fl 32024
   Interest in Property
4. **Name & Address of Fee Simple Owner (if other than owner):**
5. **Contractor Name** Edgley Construction Co. **Phone Number** 386-752-0580
   Address 590 SW Arlington Blvd, suite 105, Lake City, Fl 32025
6. **Surety Holders Name** N/A **Phone Number**
   Address
   Amount of Bond
7. **Lender Name** Cash **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 Edgley Construction Co. **Phone Number** 386-752-0580
   Address 590 SW Arlington Blvd, Suite 105, Lake City, Fl 32025
9. **In addition to himself/herself the owner designates** Edgley Construction Co. **of** Lake City, Florida **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee** 386-752-0580
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.

Jimmy Edgley - Agent
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 13th Oct, 20 05

NOTARY STAMP/SEAL

NOTARY PUBLIC STATE OF FLORIDA
JAN CLARK
MY COMMISSION # DD 181635
EXPIRES: March 28, 2007
Bonded Thru Budget Notary Services

Jan Clark

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000852

DATE 10/20/2005 PARCEL ID # 24-4S-16-03113-157

APPLICANT MARILYN EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD LAKE CITY FL 32024

OWNER DOLORES INLOW PHONE 755-4346

ADDRESS 199 SW MELBA GLEN LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 752-0580

LOCATION OF PROPERTY 47S, TR ON 242, TR ON WISE DRIVE, TL ON GARDNER, TR ON MELBA GLEN, 4TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WISE ESTATES 27

SIGNATURE Marilyn J Edgley

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00

COLUMBIA COUNTY · GATEWAY TO FLORIDA

Land Surveyors
and Mappers

BRITT SURVEYING
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

11/14/05

L-16763

To Whom It May Concern:

C/o: Edgely Construction

Re: Lot 27 in Block "C" of Wise Estates

The elevation of the proposed foundation is set to be 97.30 feet. The minimum floor elevation shown on the plat of record is 97.30 feet. The highest adjacent grade is 96.50 feet and the lowest adjacent grade is 96.26 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

23737

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

October 19, 2005

Columbia County Building Department

Edgley Construction, Dolores Inlow, Columbia County, FL

Dear Building Official:

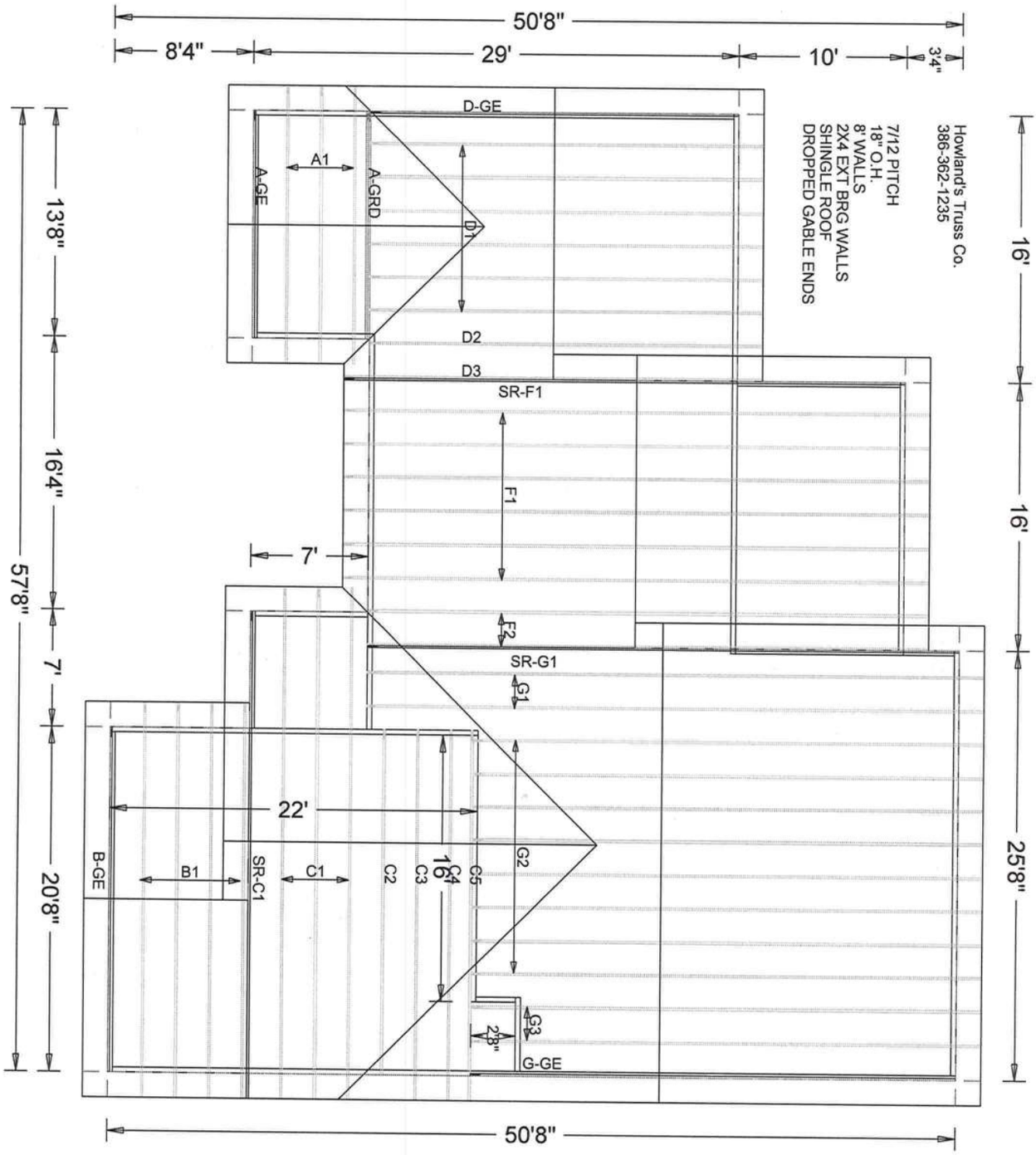
Please accept this letter as addendum to the plans for the above referenced house to change all references to FBC 2001 to FBC 2004.

- 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.
- Garage door header is to be (2) 1.75" x 11.78" LVL, 2900 Fb, 2.0 E, 285 Fv.

Mark Disosway
19 OCT 05

Mark Disosway, PE
Florida Registered Professional Engineer

Cc Edgley Construction



PAGE NO: 1 OF 1	JOB NO: 1767	Job Name: Edgely Const./Inlow Resid Customer: EDGELY CONSTRUCTION Designer: Chris McCall

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:1SIN215-Z0206143022

Truss Fabricator: W.B. Howland
Job Identification: 1767-?/Edgely Const./Inlow Resid /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 23
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995;ANSI/TPI-1995(STD)
Engineering Software: Alpine Software,Version 7.00.0130.16.
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: 12/06/2004

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
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: HCUSR215

Details: A11015EC-GBLLETIN-BRCLBSUB-TCFILLER-BCFILLER

#	Ref Description	Drawing#	Date
1	95424--A-GE	04341043	12/06/04
2	95425--A-GRD	04341044	12/06/04
3	95426--A1	04341045	12/06/04
4	95427--B-GE	04341046	12/06/04
5	95428--B1	04341047	12/06/04
6	95429--C1	04341048	12/06/04
7	95430--C2	04341049	12/06/04
8	95431--C3	04341050	12/06/04
9	95432--C4	04341051	12/06/04
10	95433--C5	04341052	12/06/04
11	95434--D-GE	04341053	12/06/04
12	95435--D1	04341063	12/06/04
13	95436--D2	04341054	12/06/04
14	95437--D3	04341055	12/06/04
15	95438--F1	04341056	12/06/04
16	95439--F2	04341057	12/06/04
17	95440--G-GE	04341058	12/06/04
18	95441--G1	04341059	12/06/04
19	95442--G2	04341060	12/06/04
20	95443--G3	04341061	12/06/04
21	95444--SR-C1	04341064	12/06/04
22	95445--SR-F1	04341065	12/06/04
23	95446--SR-G1	04341062	12/06/04

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

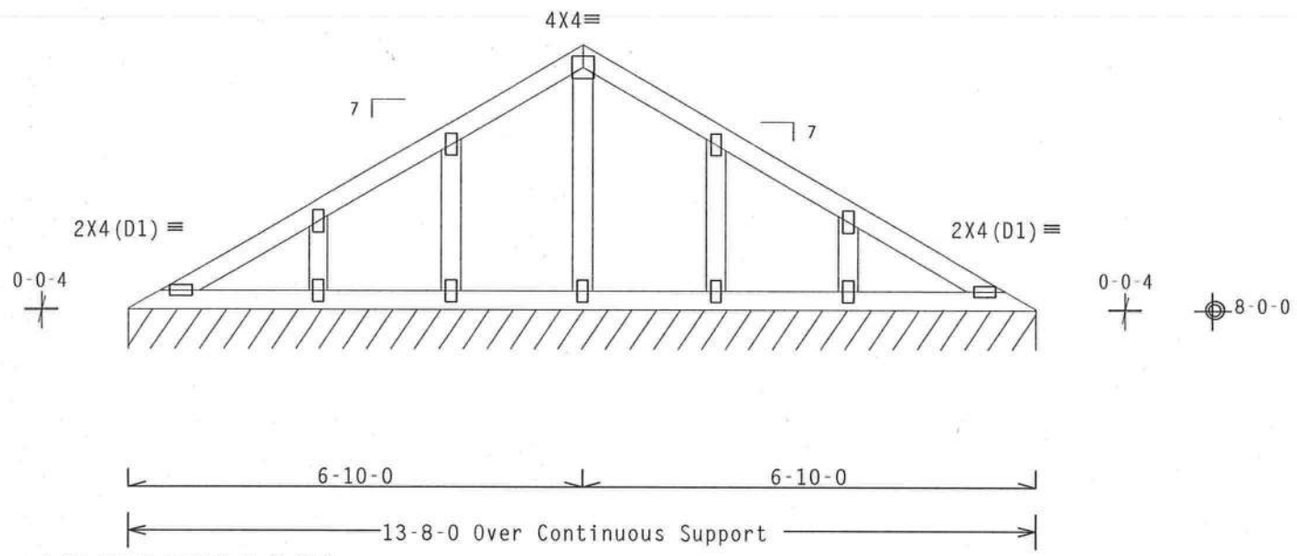
See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 10.15 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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-0-1.



R=80 PLF U=17 PLF W=13-8-0

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7.00.0230.16 | QTY: 1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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

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

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DENISE RUTLEDGE CERTIFICATE No. 38752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95424
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341043
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43572
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 13.67
BC - From 20 PLF at 0.00 to 20 PLF at 13.67
BC - 874 LB Conc. Load at 1.94, 3.94, 5.94, 7.94, 9.94
11.94

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

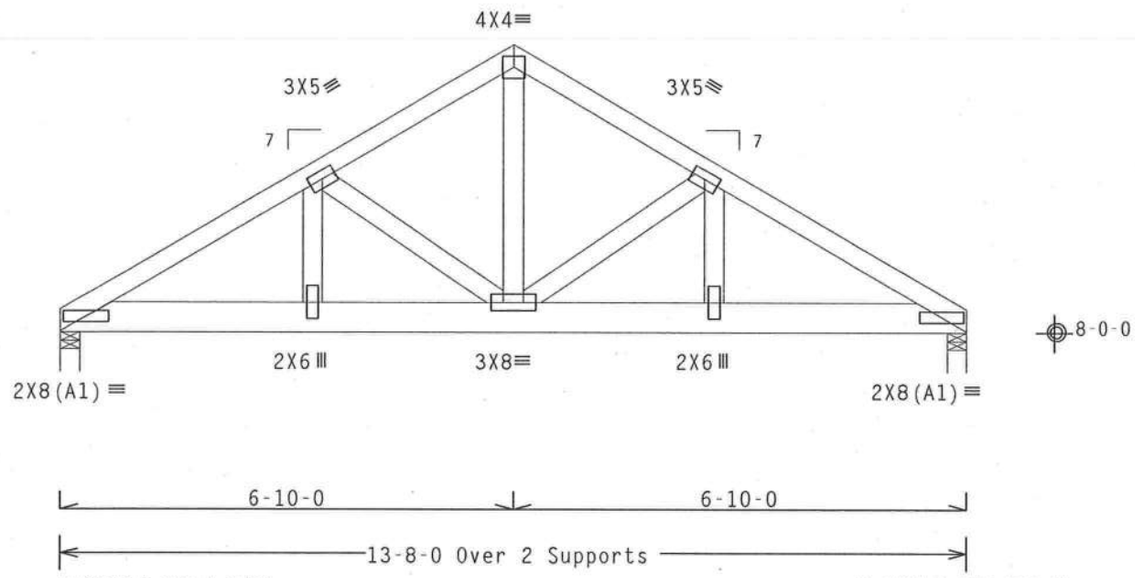
Plates sized for a minimum of 3.00 sq.in./piece.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131x3.0_g_nails)
Top Chord: 1 Row @ 12" o.c.
Bot Chord: 1 Row @ 4" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00.030.16 QTY: FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 06

TC LL	20.0 PSF	REF	R215-- 95425
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341044
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56909
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

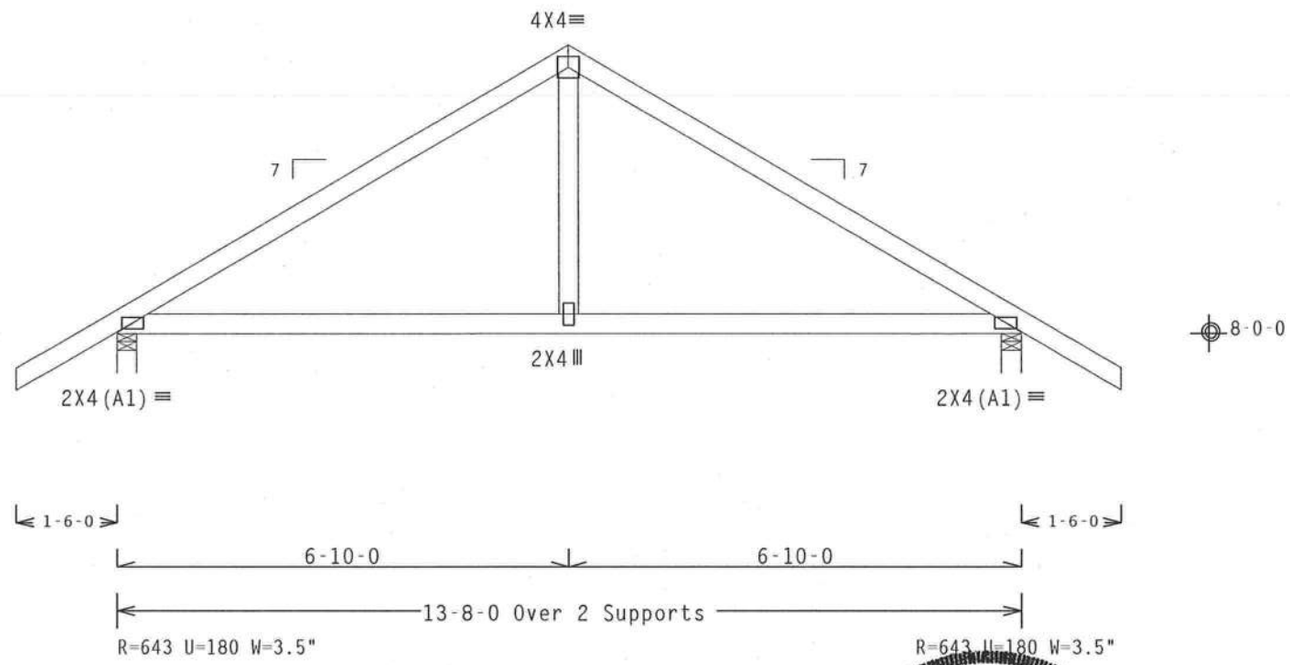
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

110 mph wind, 9.91 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7/00.0/10.16 FL/-/5/-/-/R/- Scale =.375"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95426
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341045
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43575
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

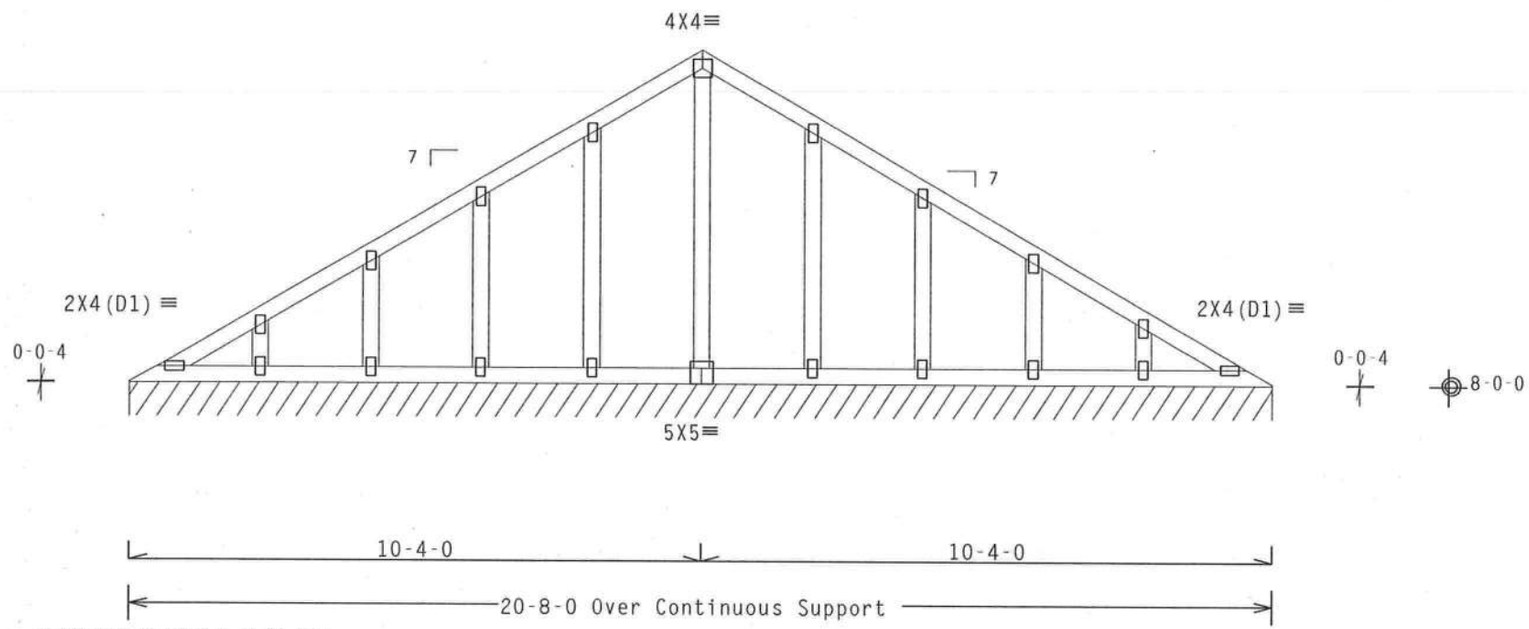
See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 11.17 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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-0-9.



R=80 PLF U=13 PLF W=20-8-0

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00.030.16 QTY: FL/-/5/-/-/R/- Scale =.3125"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95427
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341046
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43579
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

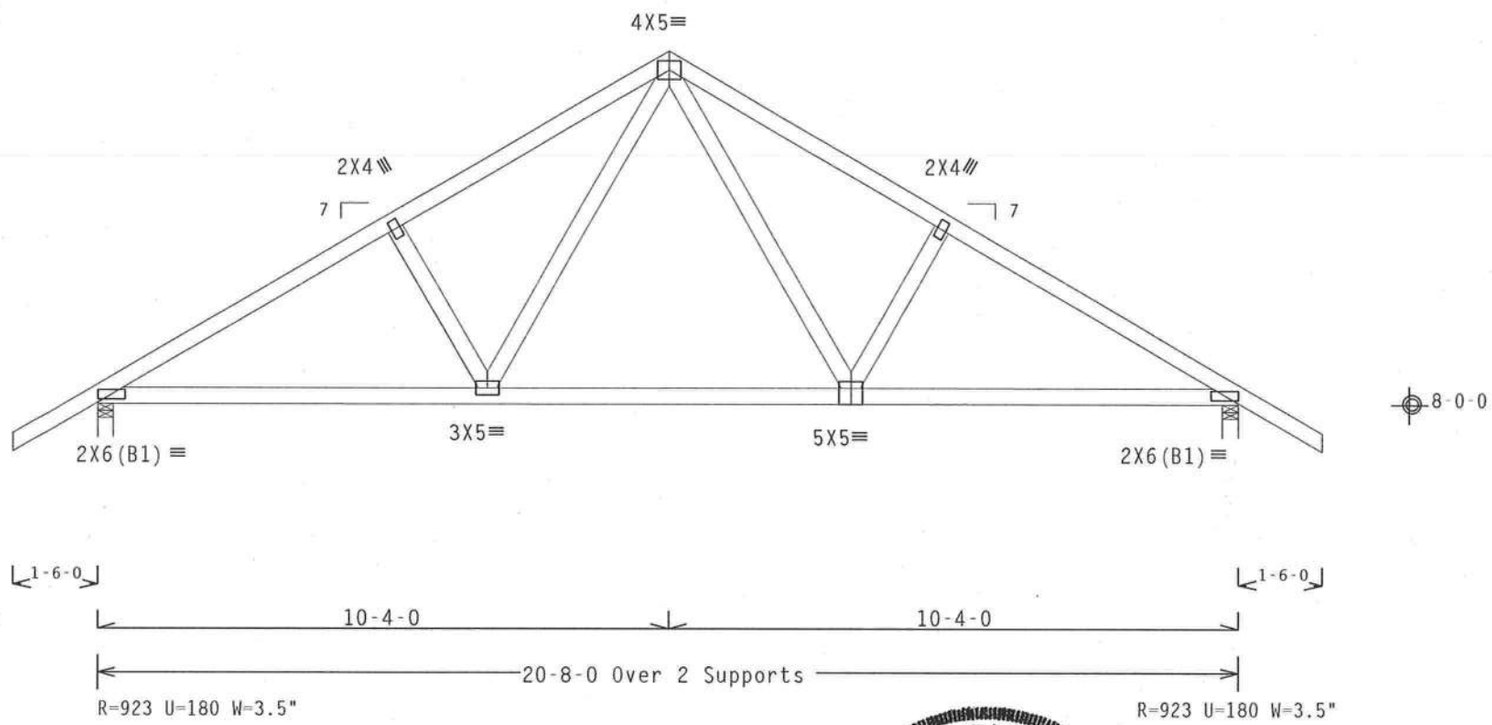
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 6-4-10.

110 mph wind, 10.93 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7 00.0/130.16 QTY: FL/-/5/-/-/R/- Scale =.3125"/Ft.

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95428
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341047
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43582
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

(1767-?/Edgely Const./Inlow Resid /EDGELY CONSTRUCTION -- LAKE CITY, FL - C1)

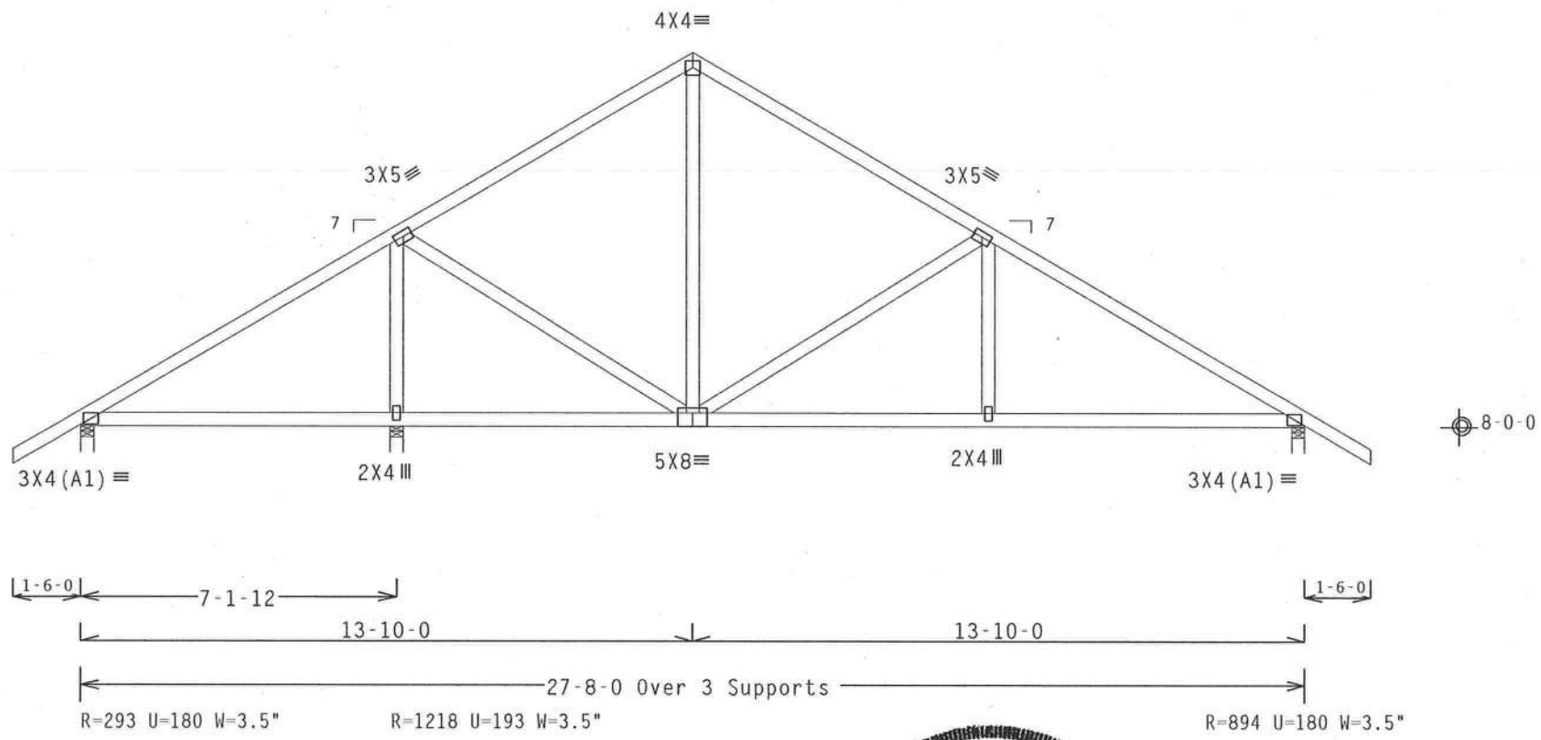
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 8-5-2.

110 mph wind, 11.96 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.0.0.230.16 QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95429
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341048
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	43587
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

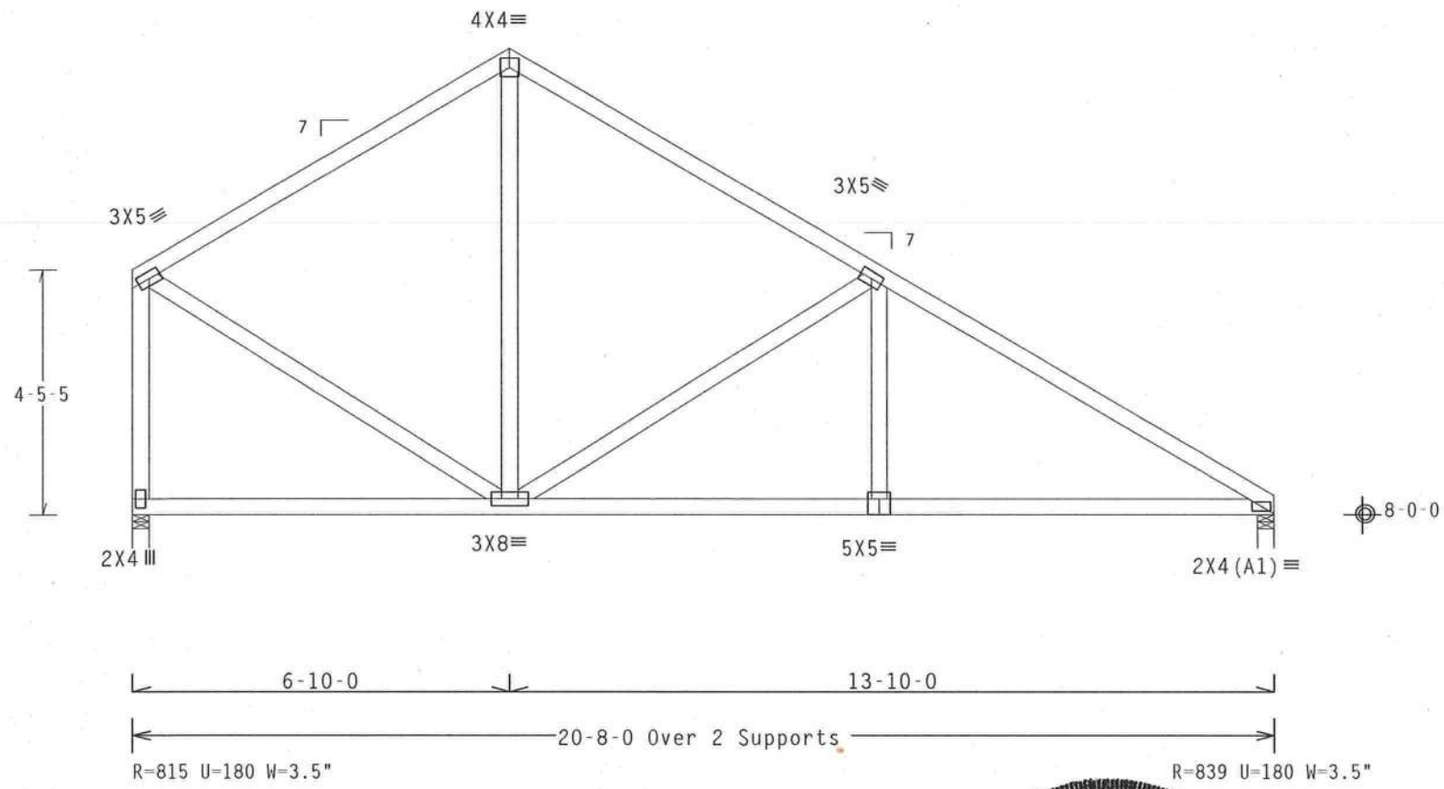
Left end vertical not exposed to wind pressure.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 12.39 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 8-5-2.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00/7.00/0.16 QTY: FL/-/5/-/-/R/- Scale =.3125"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 06, 04

TC LL	20.0 PSF	REF	R215-- 95430
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341049
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	56906
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

End verticals not exposed to wind pressure.

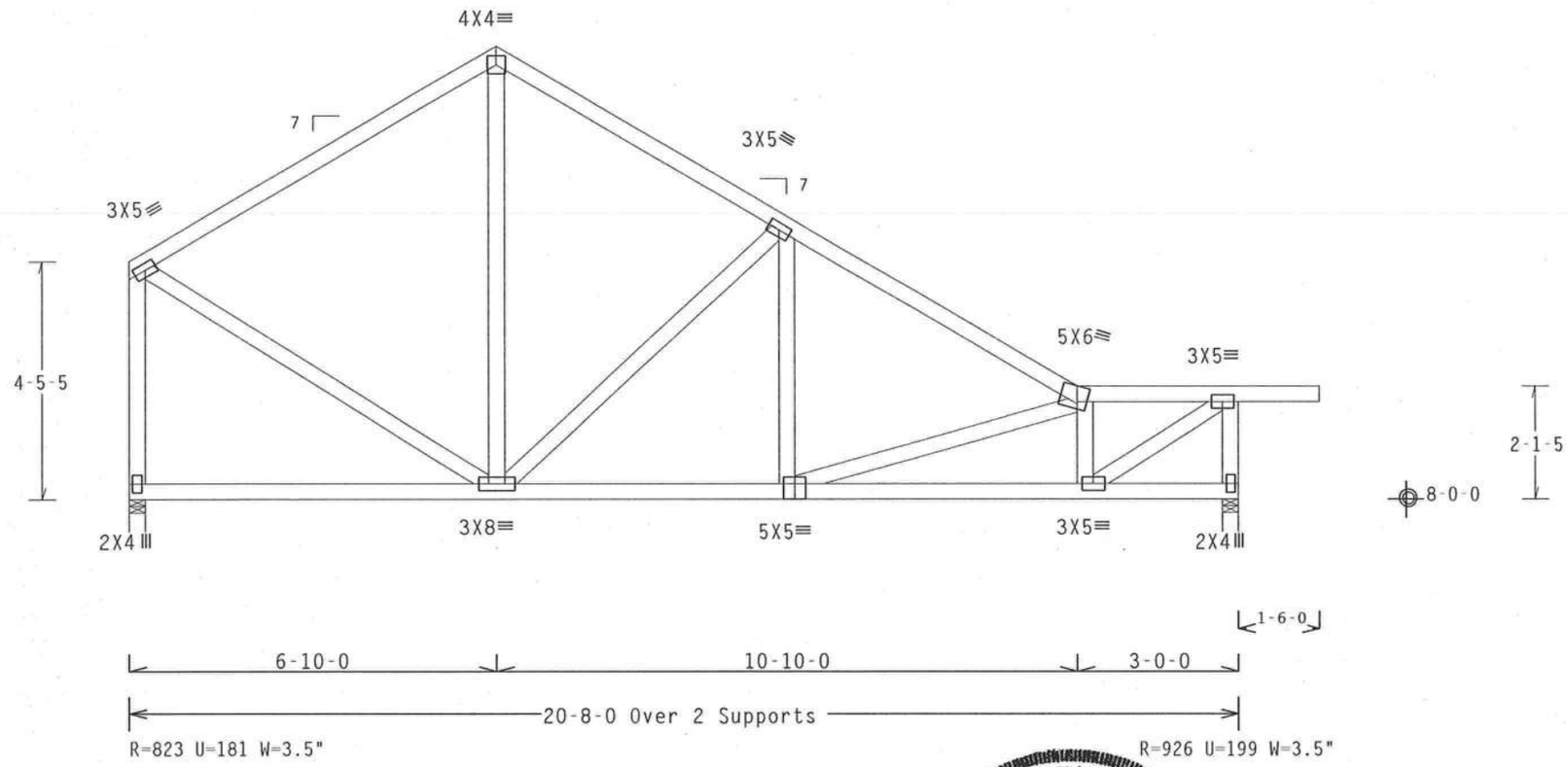
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-5-2.

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.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7 00.0190.16 | CTY: | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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FL Certificate of Authorization # 567

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95431
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341050
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43592
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

End verticals not exposed to wind pressure.

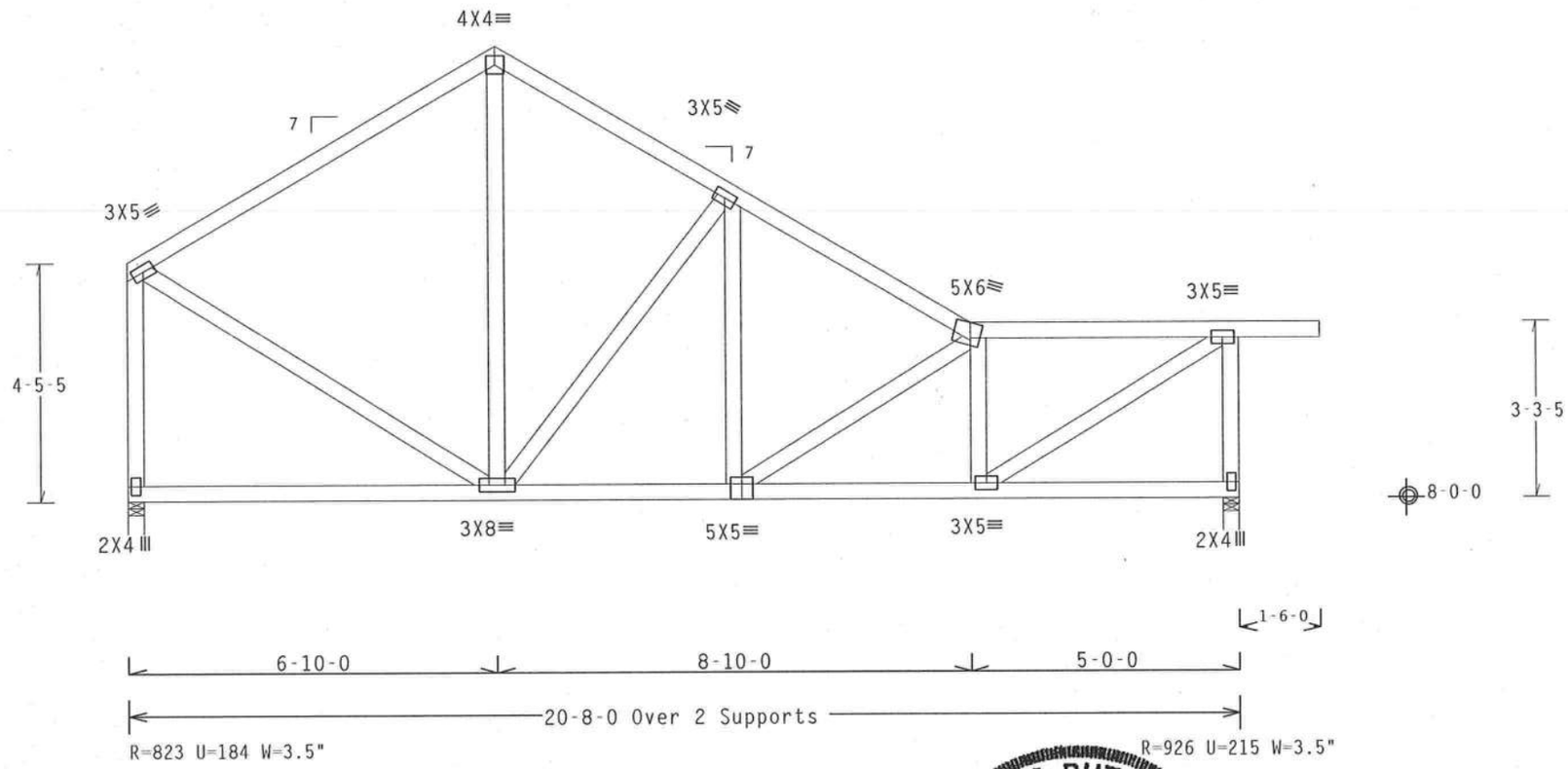
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-5-2.

110 mph wind, 13.85 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.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7 90.0130.16 | QTY: | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95432
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341051
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43595
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

End verticals not exposed to wind pressure.

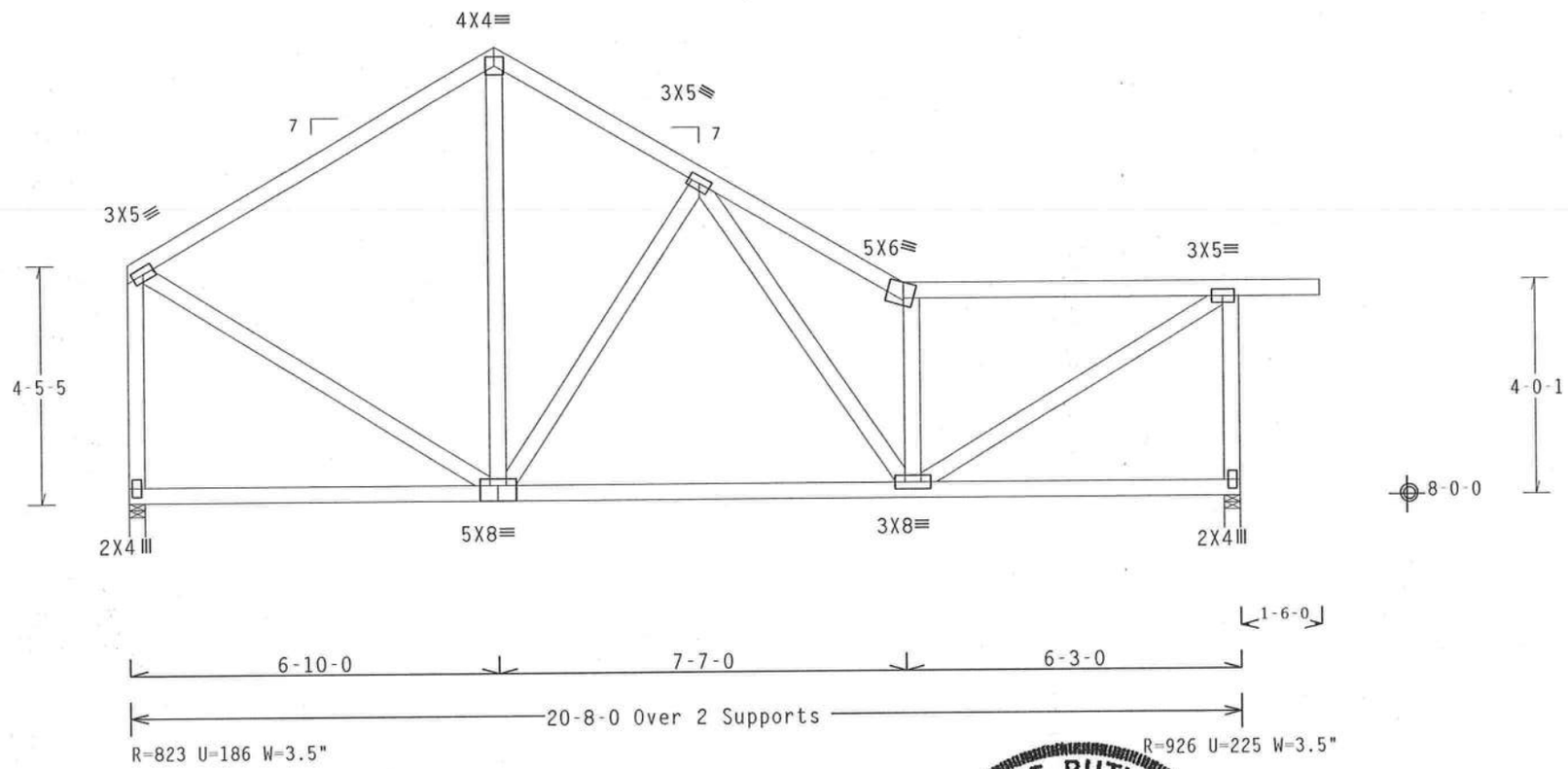
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-5-2.

110 mph wind, 14.22 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.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7 00.0130.16 | QTY: | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

ALPINE
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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 06-04

TC LL	20.0 PSF	REF	R215-- 95433
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341052
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43598
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

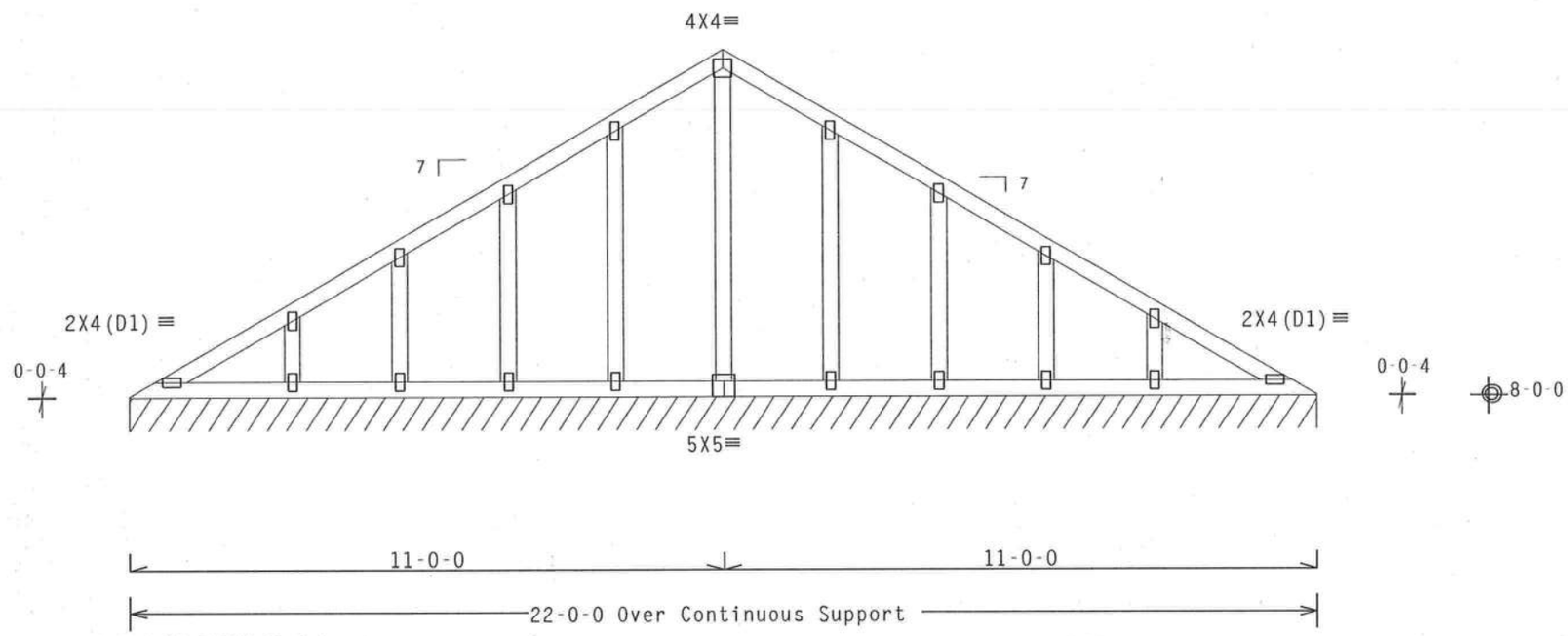
See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 11.36 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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6-5-4.



R=80 PLF U=13 PLF W=22-0-0

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.0.0.30.16 QTY: 1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 56752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95434
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341053
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	56871
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

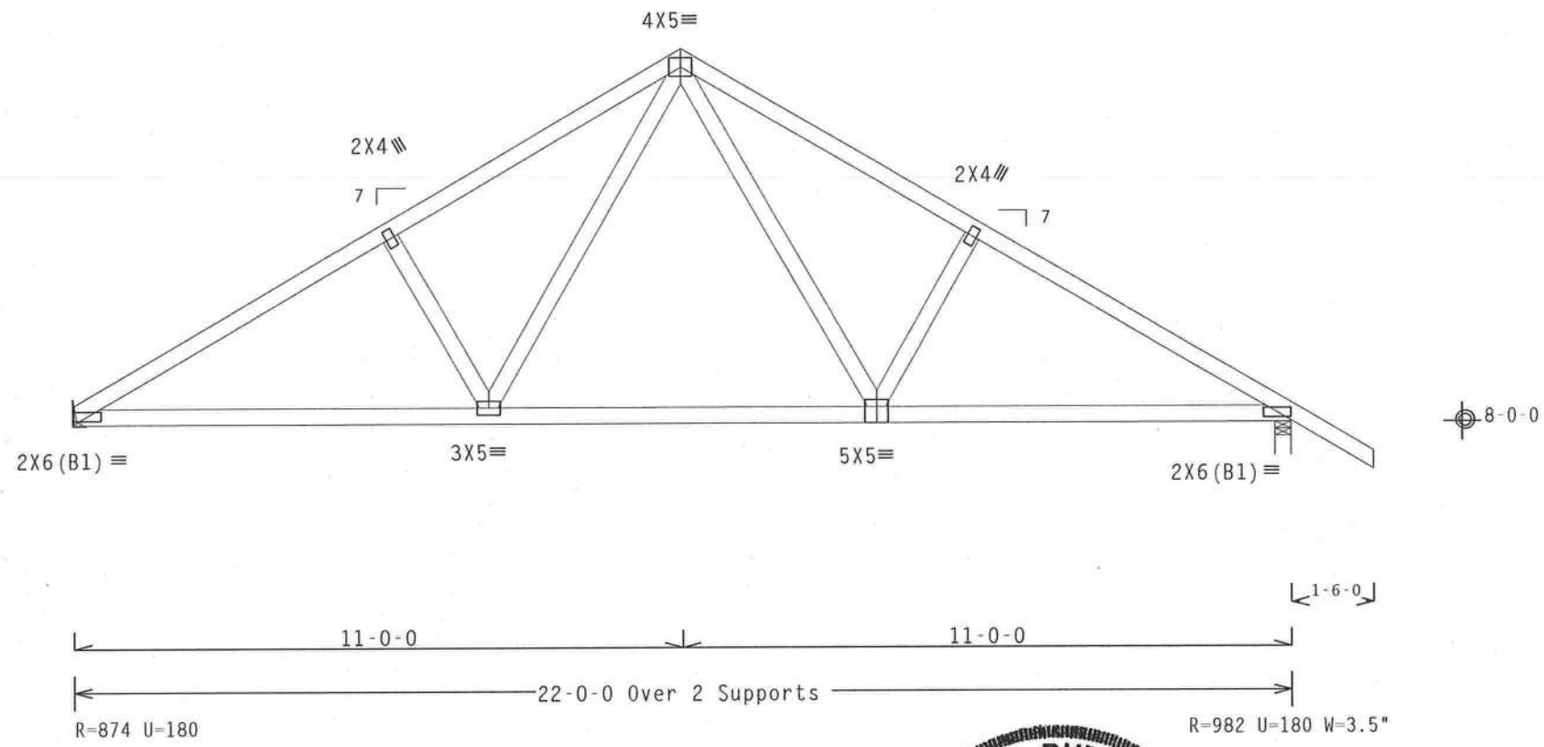
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 11.13 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/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 6-9-5.



PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7.00.0130.16 | QTY: 1 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

ALPINE
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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF R215-- 95435
TC DL	10.0 PSF	DATE 12/06/04
BC DL	10.0 PSF	DRW HCUSR215 04341063
BC LL	0.0 PSF	HC-ENG SSB/ADR
TOT.LD.	40.0 PSF	SEQN- 56913
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SIN215_Z02

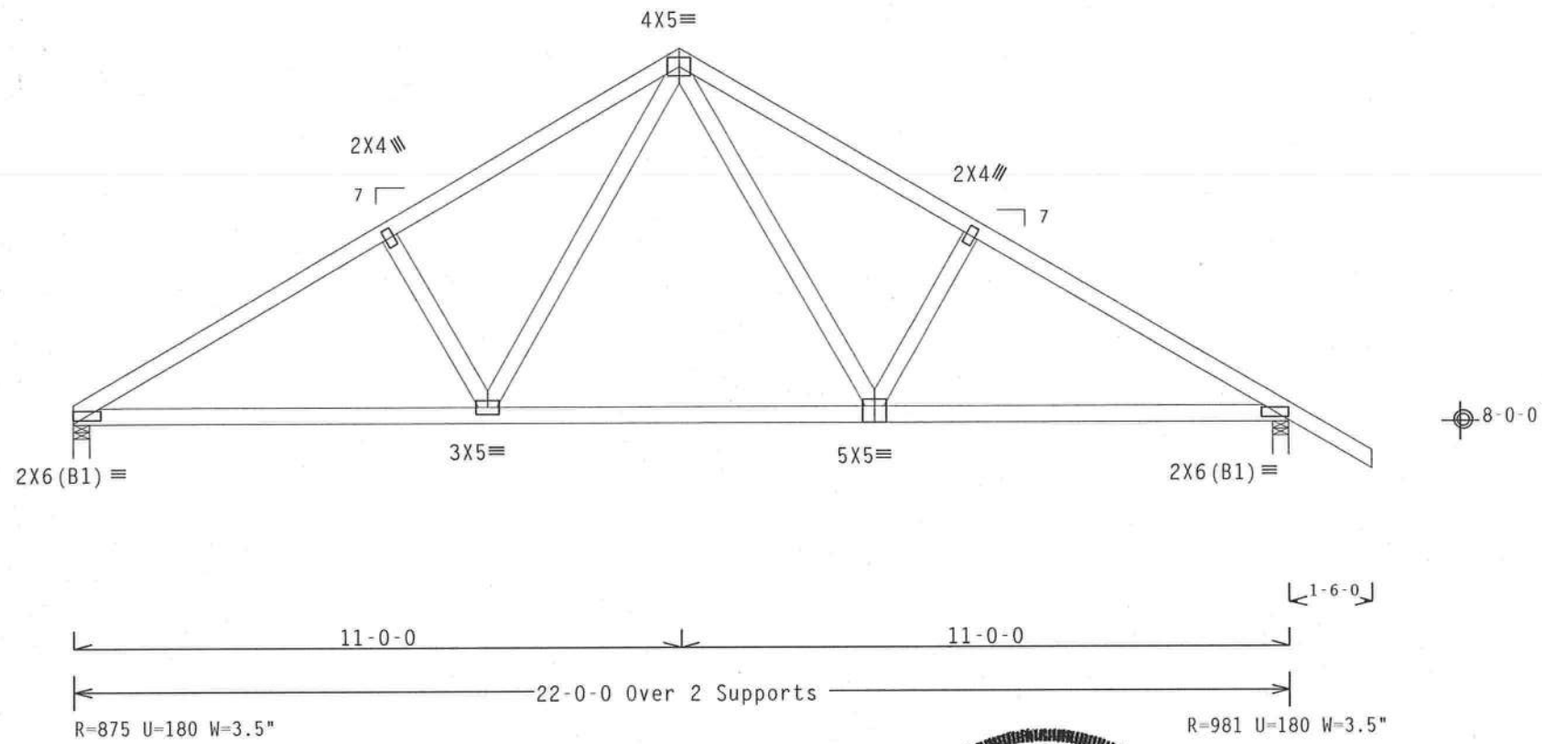
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 6-9-5.

110 mph wind, 11.13 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7/00/130.16 QTY: FL/-/5/-/-/R/- Scale =.3125"/Ft.

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95436
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341054
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43626
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

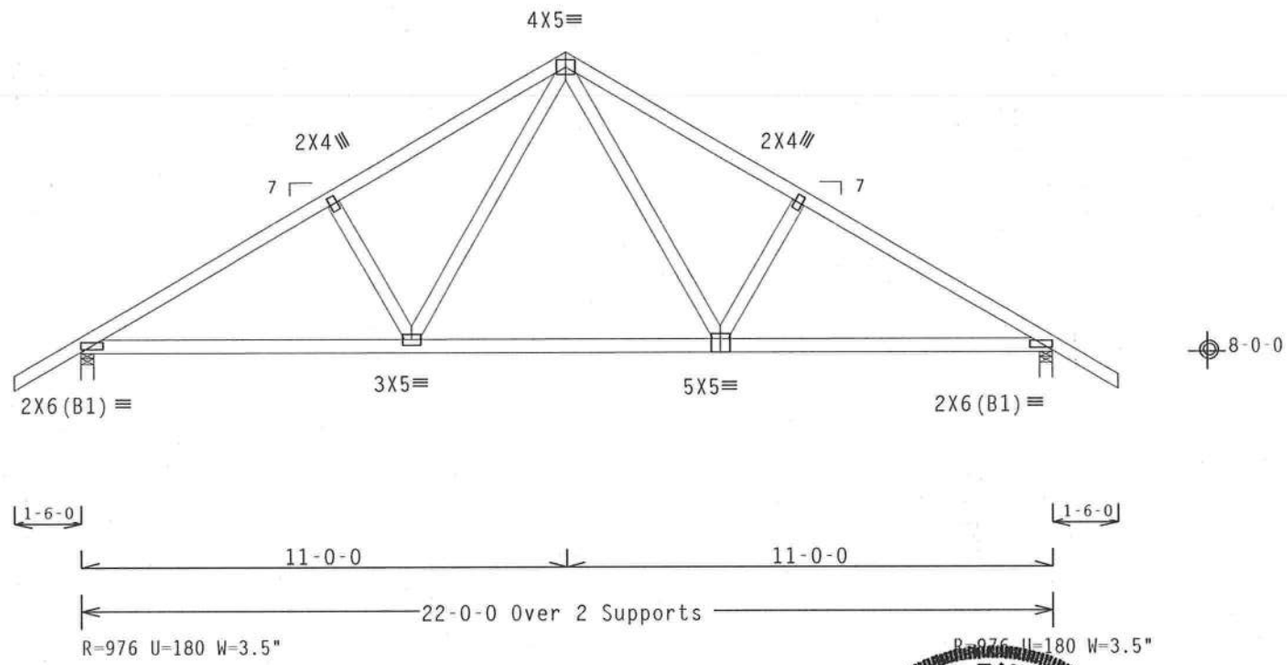
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 6-9-5.

110 mph wind, 11.13 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.10.0330.16 QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95437
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341055
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43632
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

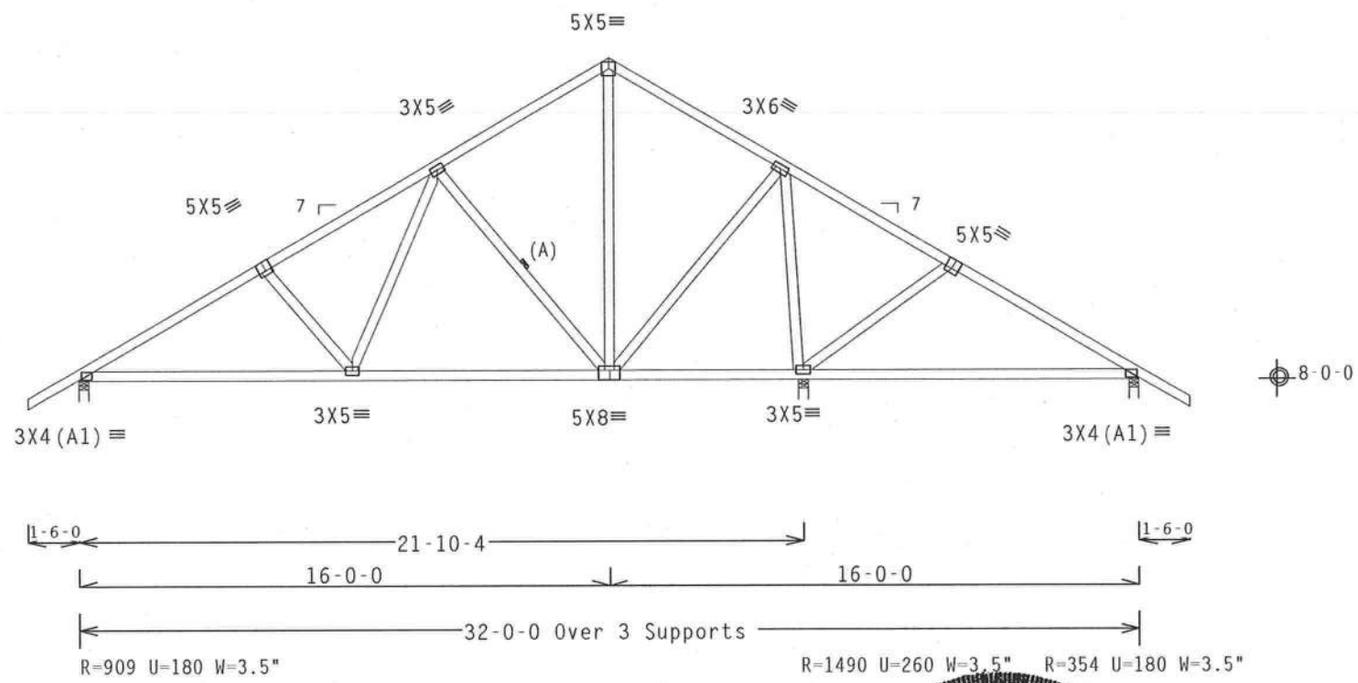
(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 12.59 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 9-8-5.



PLT TYP. Wave TPI\R | Design Crit: TPI-1995(STD) | 7 00 Date 06.16 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

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FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 06 04

TC LL	20.0 PSF	REF	R215-- 95438
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341056
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56874
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

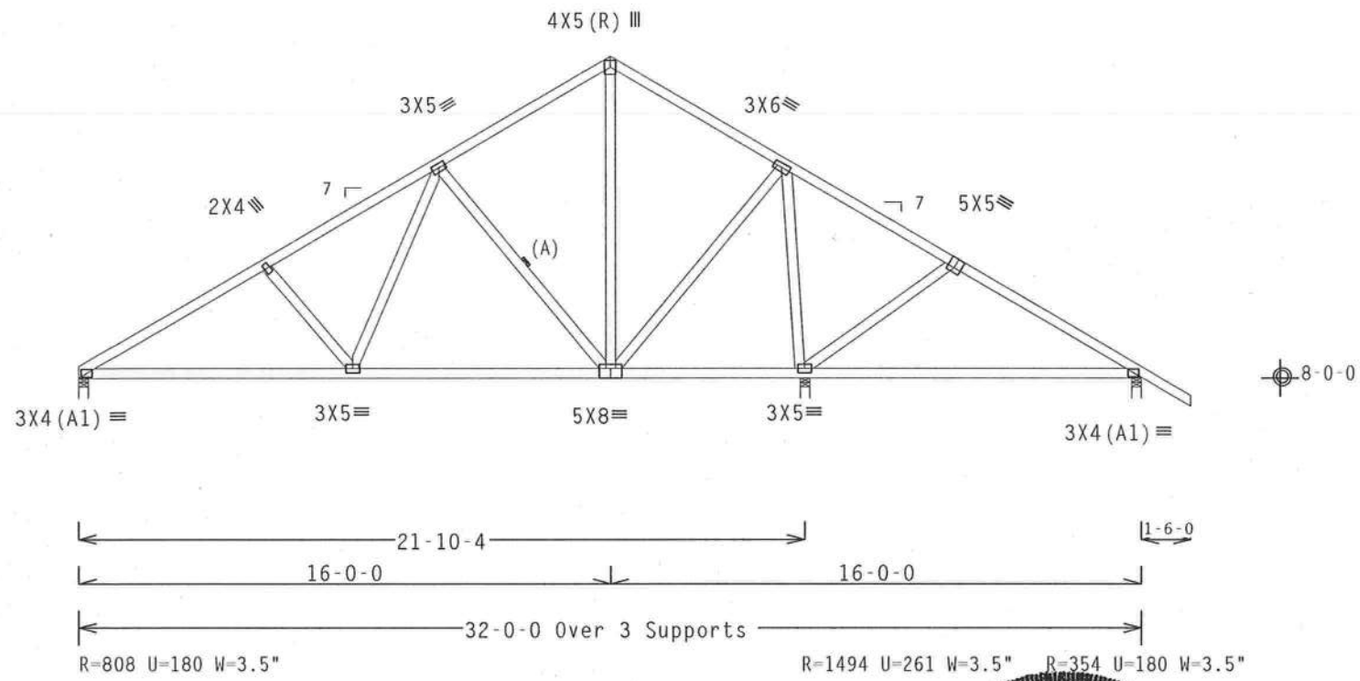
(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 12.59 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 9-8-5.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00/0.00/16 CY: FL/-/5/-/-/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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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 07, 2004

TC LL	20.0 PSF	REF	R215-- 95439
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341057
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56877
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

Left end vertical not exposed to wind pressure.

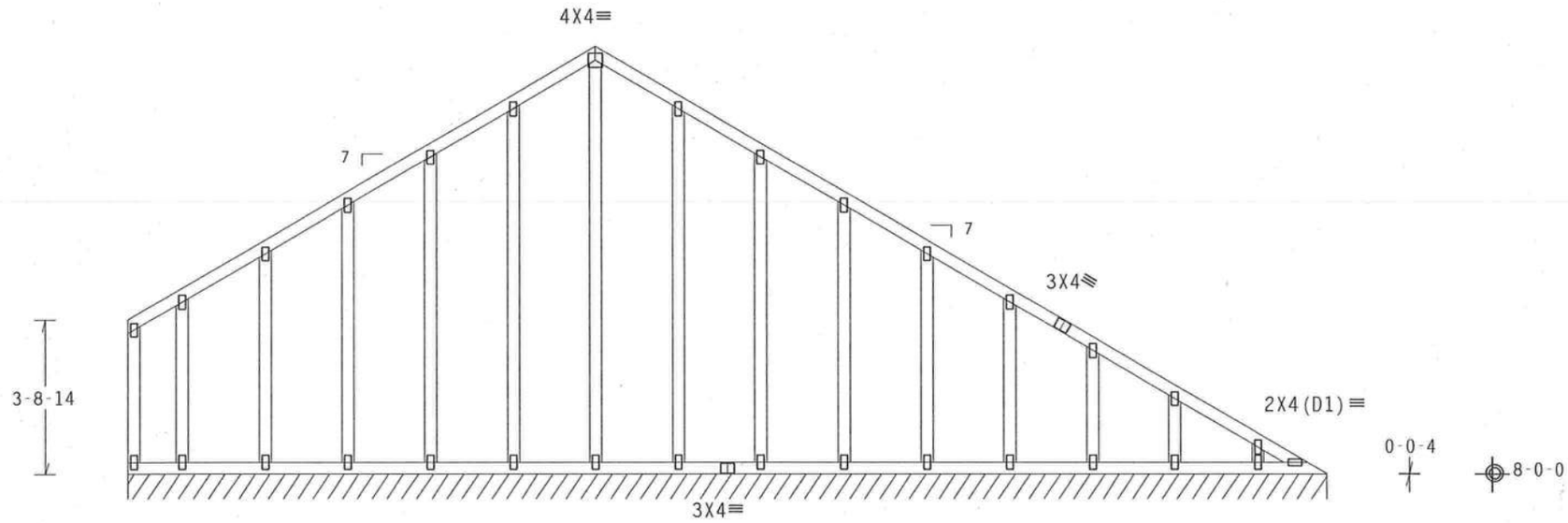
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 13.31 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/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-3-15.



R=80 PLF U=13 PLF W=28-11-8

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00/10.16 QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 12, 2004

TC LL	20.0 PSF	REF	R215-- 95440
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341058
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56916
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

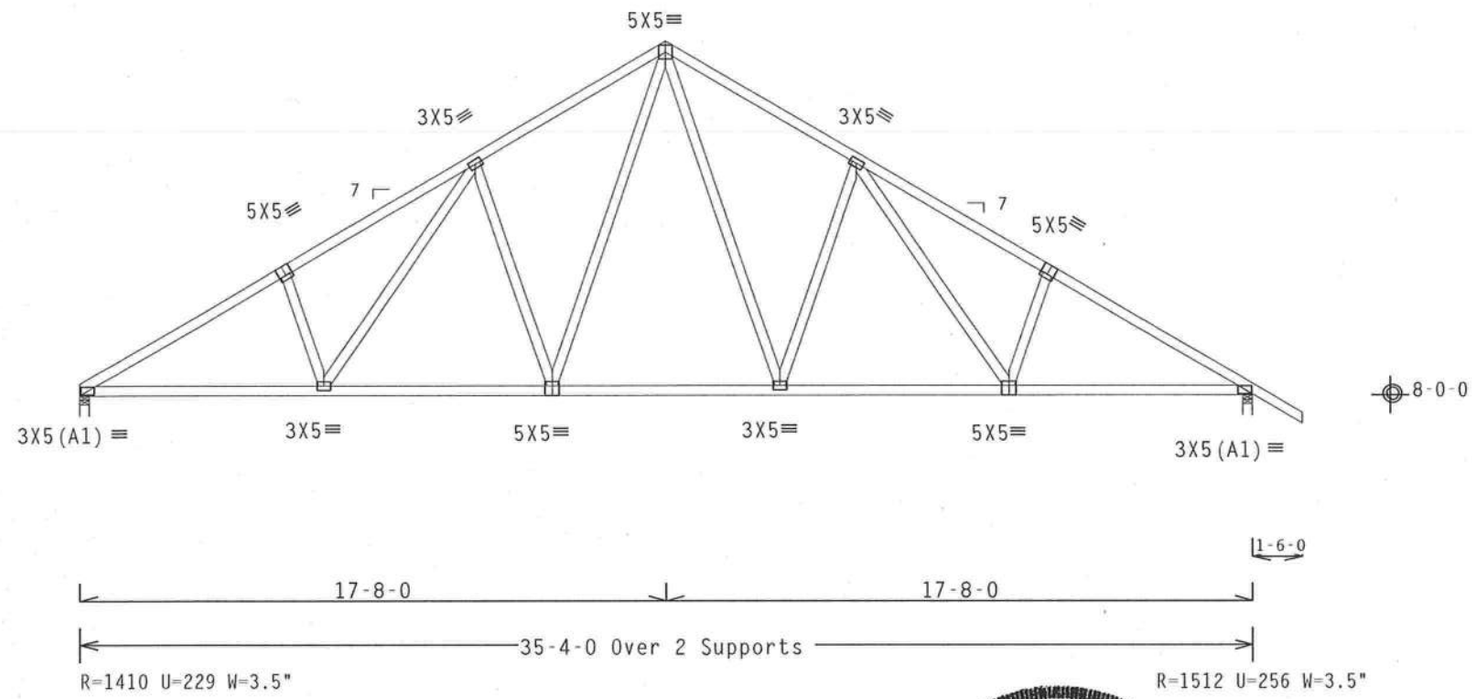
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 13.07 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.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00.230.16 QTY: FL/-/5/-/-/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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DENISE RUTLEDGE CERTIFICATE No. 58762 STATE OF FLORIDA PROFESSIONAL ENGINEER

Design Data

TC LL	20.0 PSF	REF R215-- 95441
TC DL	10.0 PSF	DATE 12/06/04
BC DL	10.0 PSF	DRW HCUSR215 04341059
BC LL	0.0 PSF	HC-ENG SSB/ADR *
TOT.LD.	40.0 PSF	SEQN- 43610
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SIN215_Z02

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

Left end vertical not exposed to wind pressure.

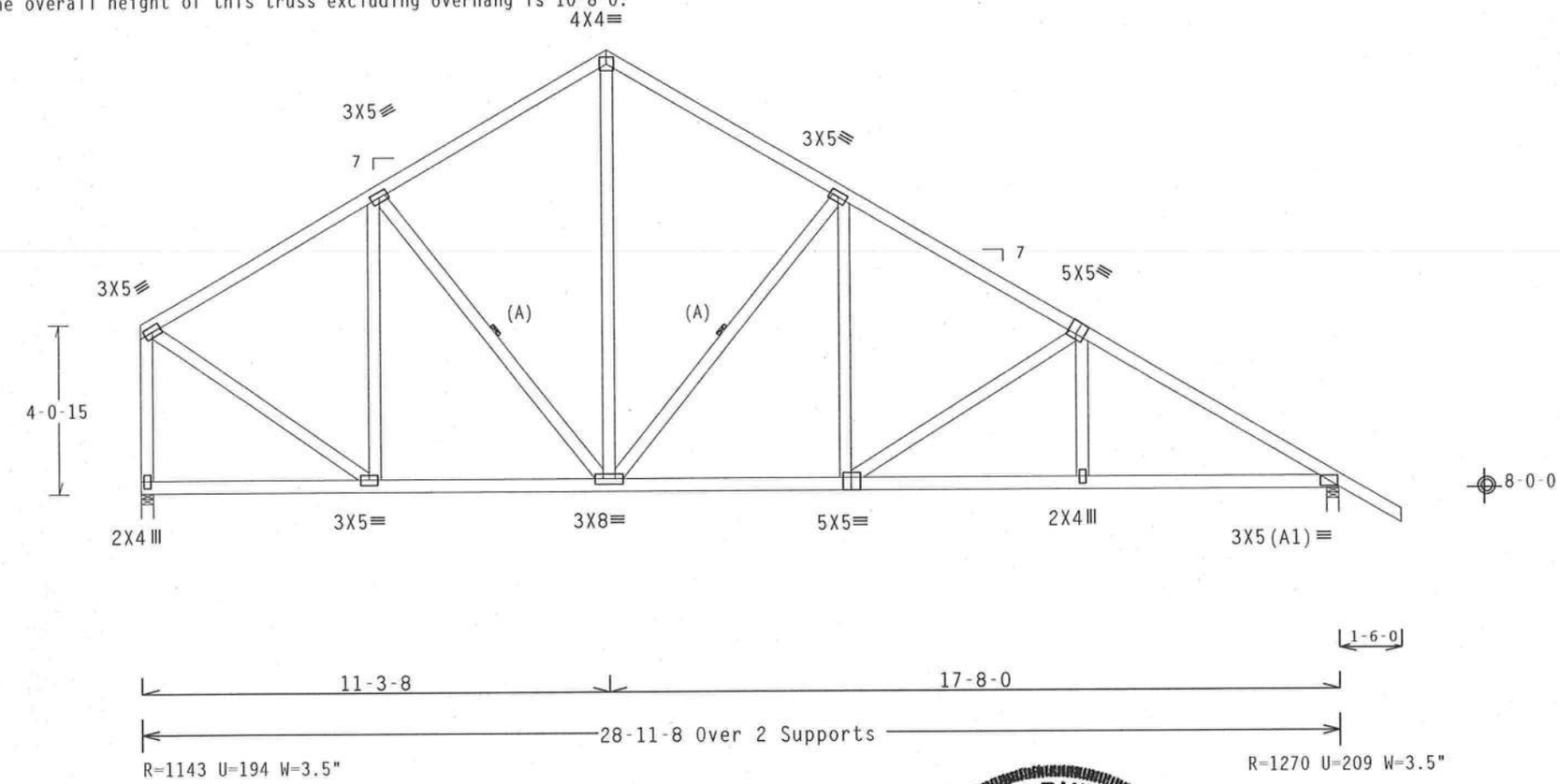
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 13.07 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.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7 0.130.16 QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 56052 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95442
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341060
BC LL	0.0 PSF	HC-ENG	SSB/ADR *
TOT.LD.	40.0 PSF	SEQN-	43607
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

Left end vertical not exposed to wind pressure.

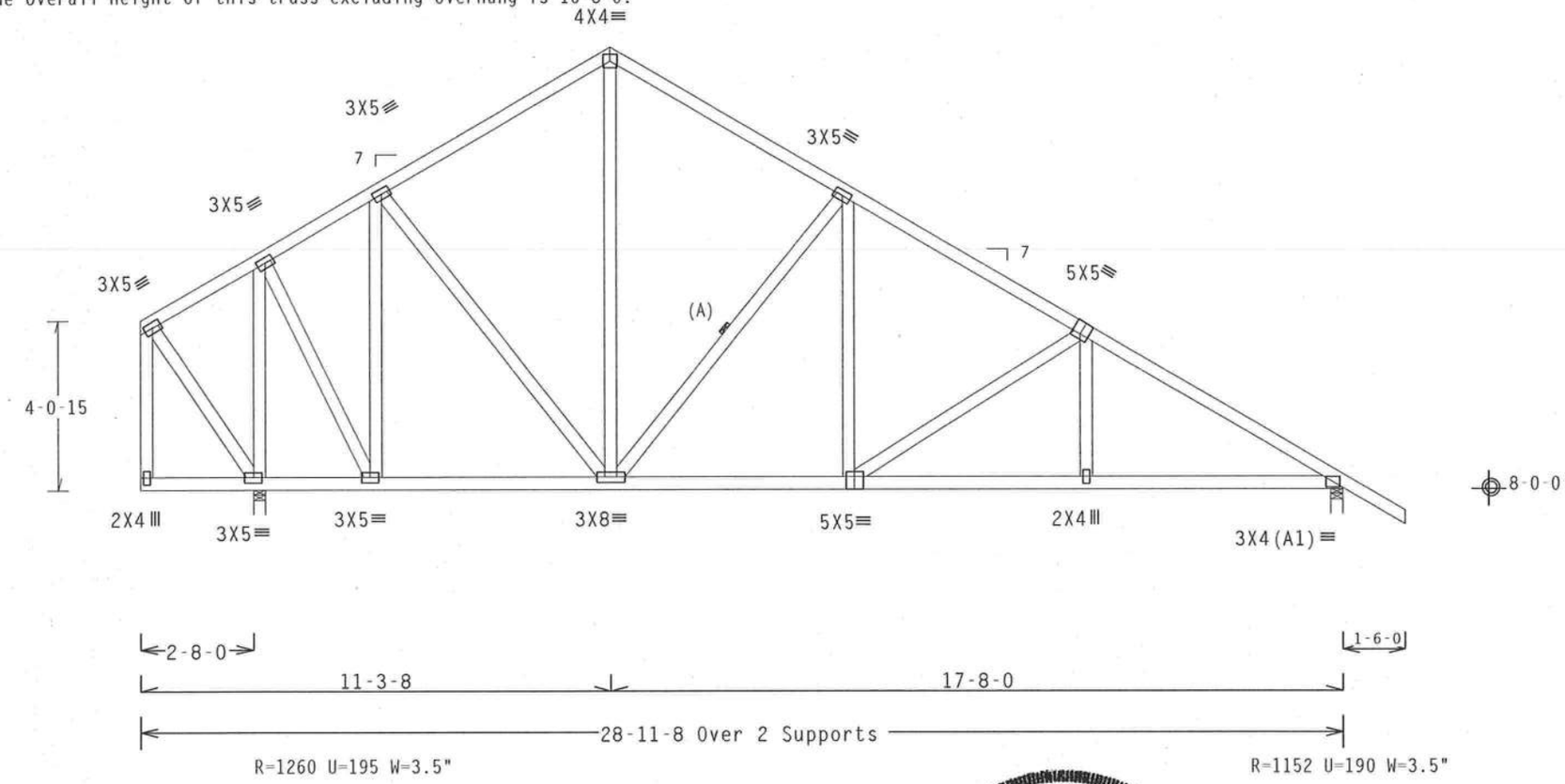
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-8-0.

110 mph wind, 13.07 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.00.030.16 QTY: FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec

TC LL	20.0 PSF	REF	R215-- 95443
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341061
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	43604
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SIN215_Z02

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

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

TC - From	80 PLF at	-7.00 to	80 PLF at	10.04
TC - From	60 PLF at	10.04 to	60 PLF at	22.17
BC - From	24 PLF at	-7.00 to	24 PLF at	0.00
BC - From	20 PLF at	0.00 to	20 PLF at	20.67
BC - From	4 PLF at	20.67 to	4 PLF at	22.17

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.

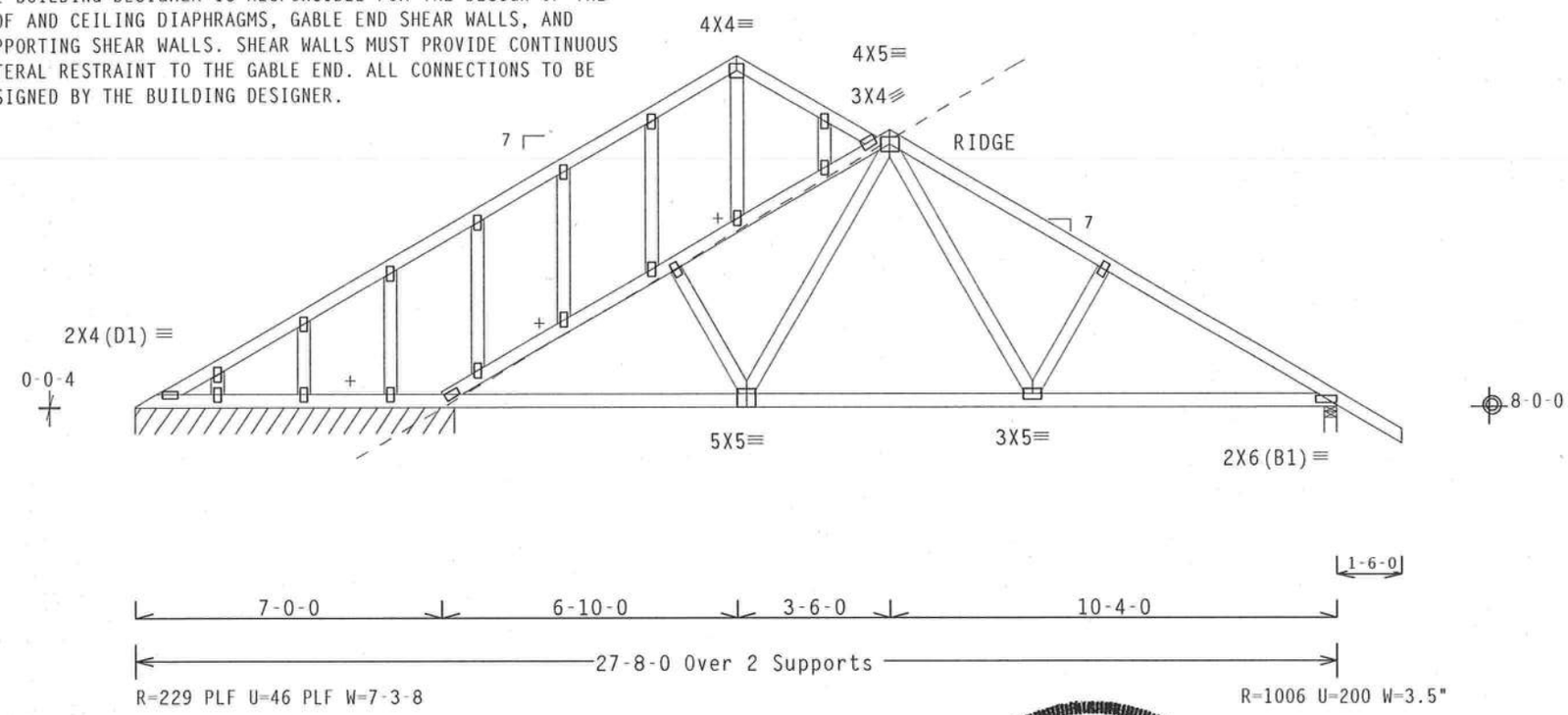
110 mph wind, 11.79 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 8-1-1.

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



Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7/20/2004.16 CITY: FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Design Valid

TC LL	20.0 PSF	REF	R215-- 95444
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341064
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56834
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1SIN215_Z02

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

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

TC - From	60 PLF	at -1.50 to	60 PLF	at 11.29
TC - From	80 PLF	at 11.29 to	80 PLF	at 32.00
BC - From	4 PLF	at -1.50 to	4 PLF	at 0.00
BC - From	20 PLF	at 0.00 to	20 PLF	at 22.00
BC - From	24 PLF	at 22.00 to	24 PLF	at 32.00

110 mph wind, 12.42 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

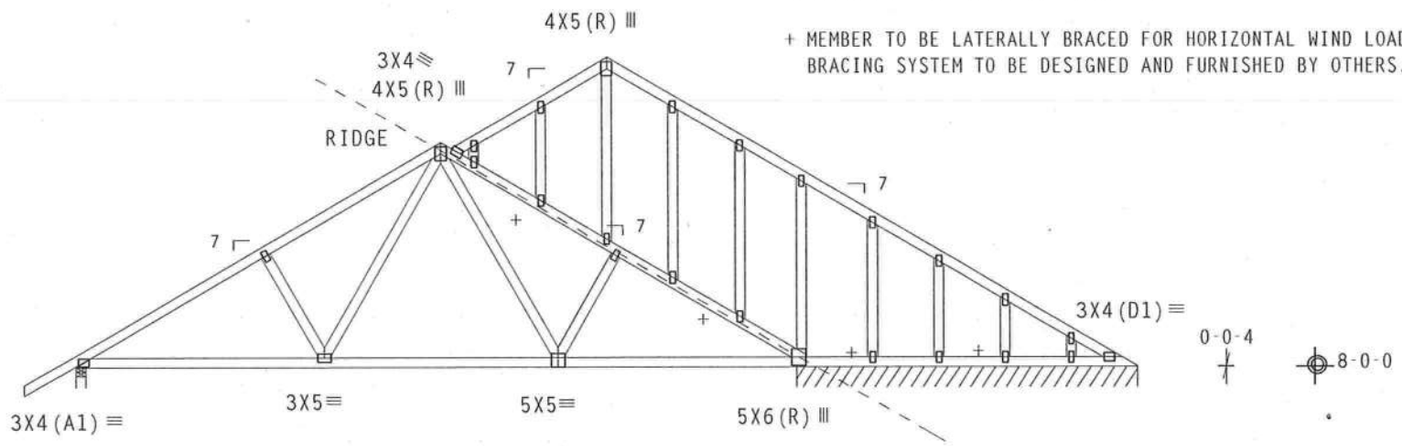
Deflection meets L/240 live and L/180 total load.

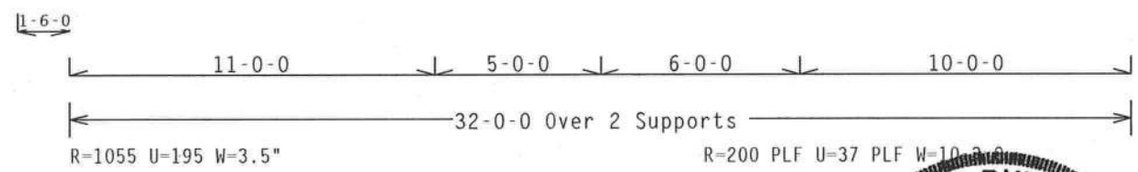
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 9-4-4.

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.

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





Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7.50.0130.16 QTY: FL/-/5/-/-/R/- Scale =.1875"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 58 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE L MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHE RIGID CEILING.

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DENISE RUTLEDGE CERTIFICATE No. 58762 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,2004

TC LL	20.0 PSF	REF	R215-- 95445
TC DL	10.0 PSF	DATE	12/06/04
BC DL	10.0 PSF	DRW	HCUSR215 04341065
BC LL	0.0 PSF	HC-ENG	SSB/ADR
TOT.LD.	40.0 PSF	SEQN-	56868
DUR.FAC.	1.25	FROM	CDM
SPACING	SEE ABOVE	JREF-	1SIN215_Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 16.29
TC - From 80 PLF at 16.29 to 80 PLF at 35.33
BC - From 20 PLF at 0.00 to 20 PLF at 35.33

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

The overall height of this truss excluding overhang is 10-3-15.

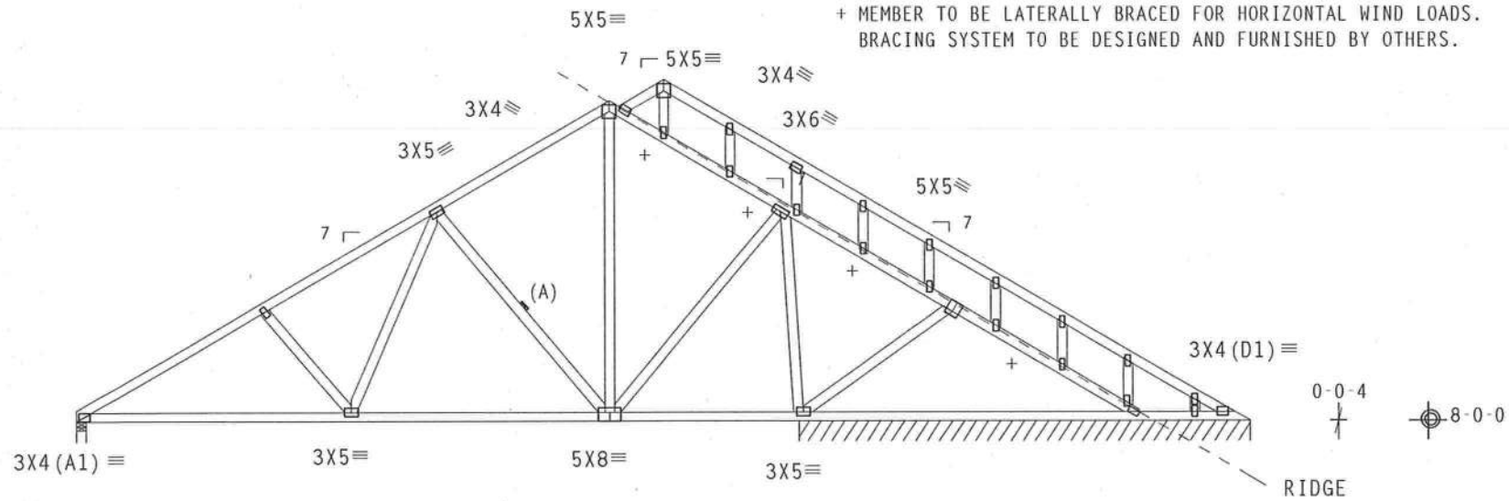
110 mph wind, 13.31 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

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.

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



Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI\R Design Crit: TPI-1995(STD) 7 00.0130.16 QTY: FL/-/5/-/-/R/- Scale =.1875"/Ft.

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DENISE RUTLEDGE CERTIFICATE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 06,04

TC LL	20.0 PSF	REF R215-- 95446
TC DL	10.0 PSF	DATE 12/06/04
BC DL	10.0 PSF	DRW HCUSR215 04341062
BC LL	0.0 PSF	HC-ENG SSB/ADR
TOT.LD.	40.0 PSF	SEQN- 56903
DUR.FAC.	1.25	FROM CDM
SPACING	SEE ABOVE	JREF- 1SIN215_Z02

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

#1 / #2	STANDARD
#3	STUD

HEM-FIR

#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH

#3
STUD
STANDARD

SOUTHERN PINE

#3
STUD
STANDARD

GROUP B:

HEM-FIR

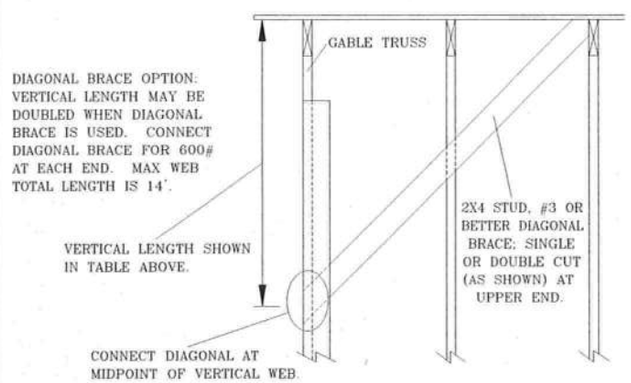
#1 & BTR
#1

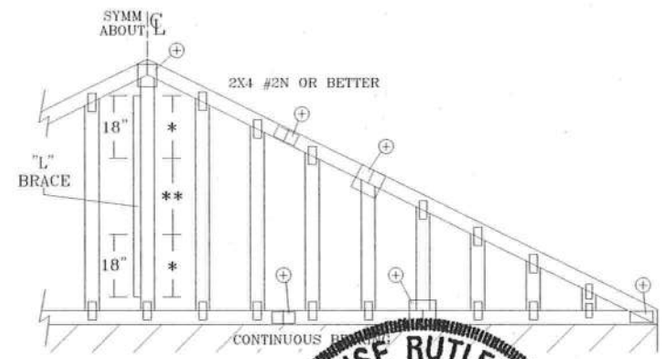
SOUTHERN PINE

#1
#2

DOUGLAS FIR-LARCH

#1
#2





REFER TO CHART ABOVE 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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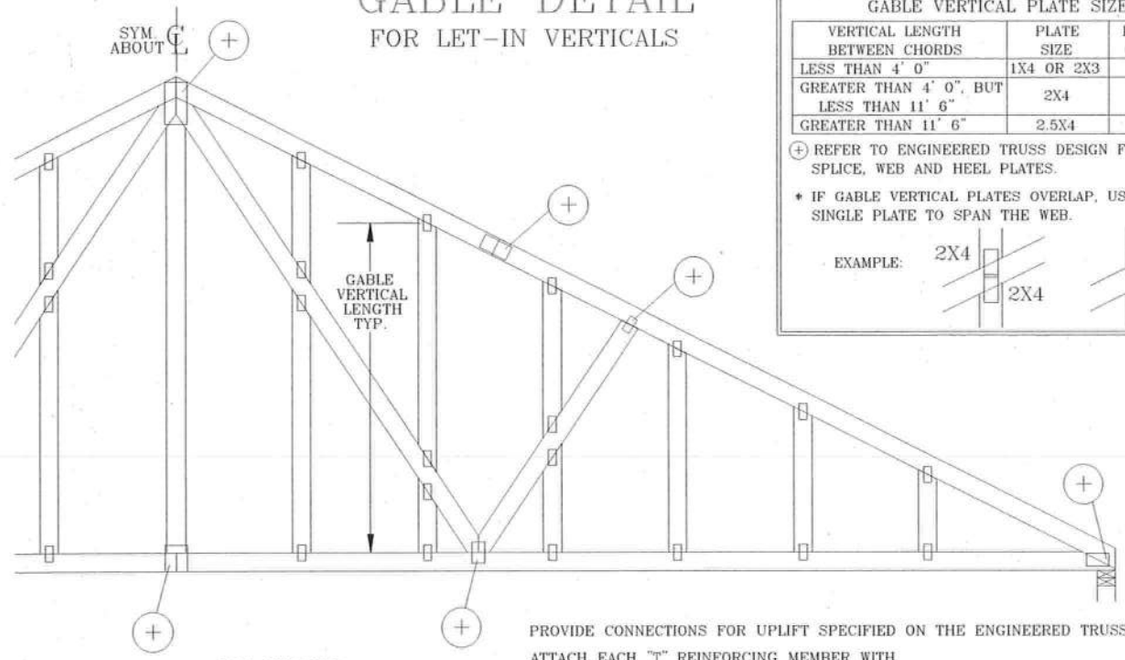
DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF FLORIDA
12/06/2004
PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-98-GAB11015
DATE	11/26/03
DRWG	A11015EC1103
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

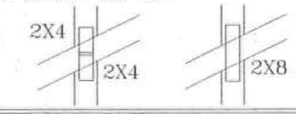


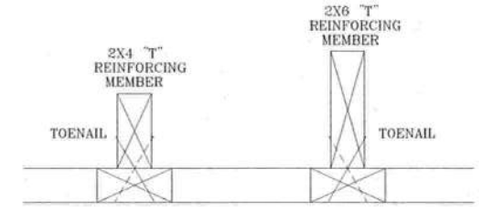
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

(+) 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:





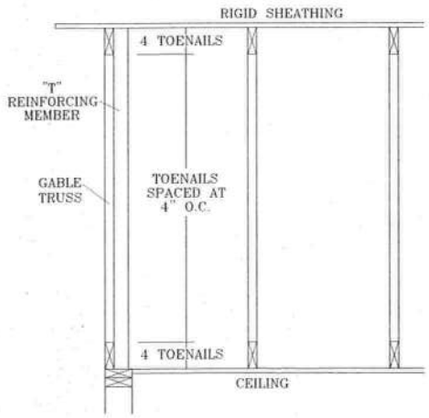
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF FLORIDA
12/06/2004
PROFESSIONAL ENGINEER

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

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

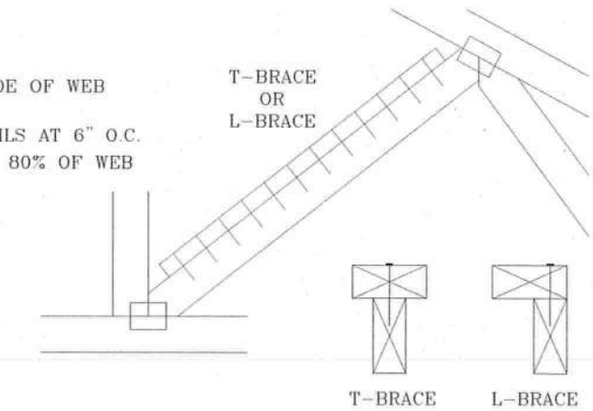
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE

ATTACH WITH 16d NAILS AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

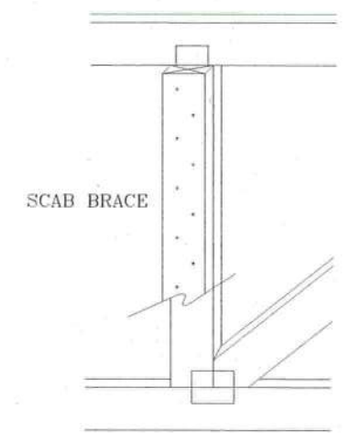


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.

NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF
FLORIDA
12/06/2004
PROFESSIONAL ENGINEER

TC LL	PSF	REF CLB SUBST.
TC DL	PSF	DATE 11/26/03
BC DL	PSF	DRWG BRCLBSUB1103
BC LL	PSF	-ENG MLH/KAR
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" OC MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

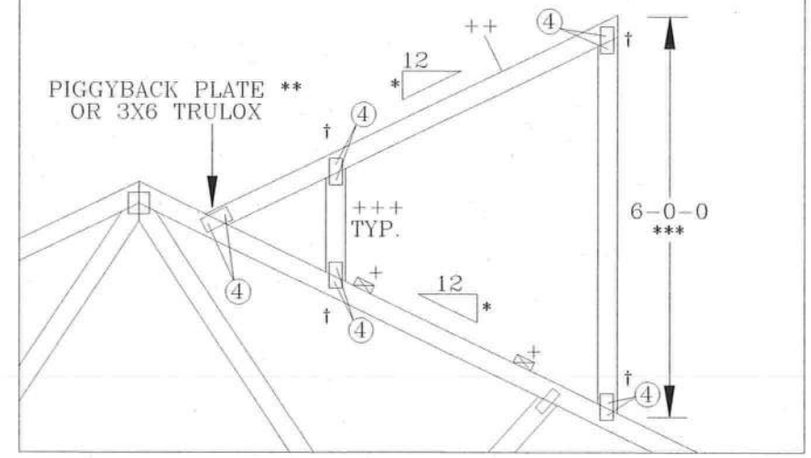
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

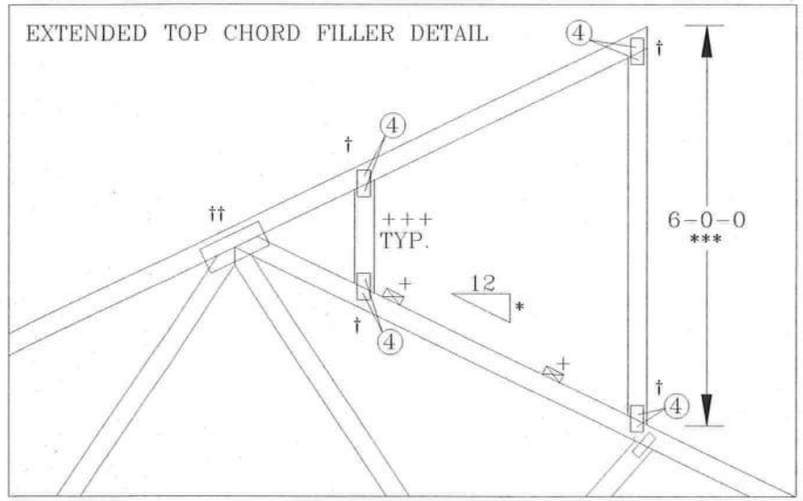
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

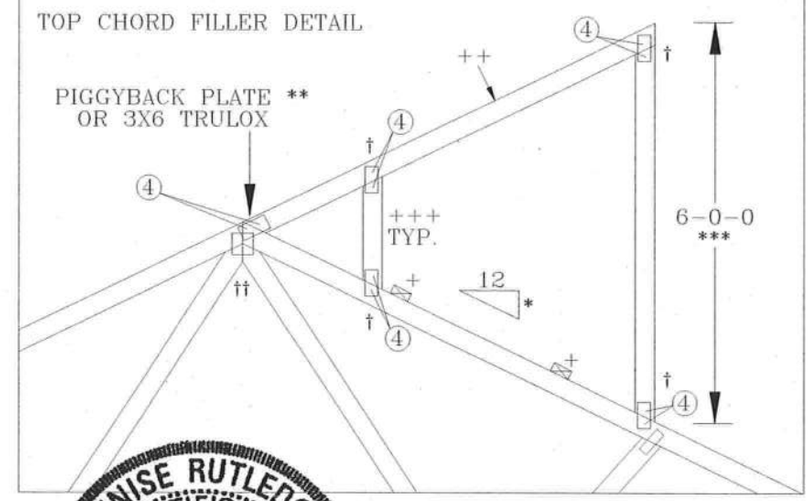
OFFSET FILLER DETAIL



EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

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POMPANO BEACH, FLORIDA

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF
FLORIDA
12/06/2004
PROFESSIONAL ENGINEER

TC LL	MAX 30	PSF
TC DL	MAX 15	PSF
BC DL	MAX 10	PSF
BC LL	0	PSF
TOT. LD.	MAX 55	PSF
DUR. FAC.	1.15 OR 1.33	
SPACING	24.0"	

REF	TC-FILLER
DATE	11/26/03
DRWG	TCFILLER1103
-ENG	SJP/KAR

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS.

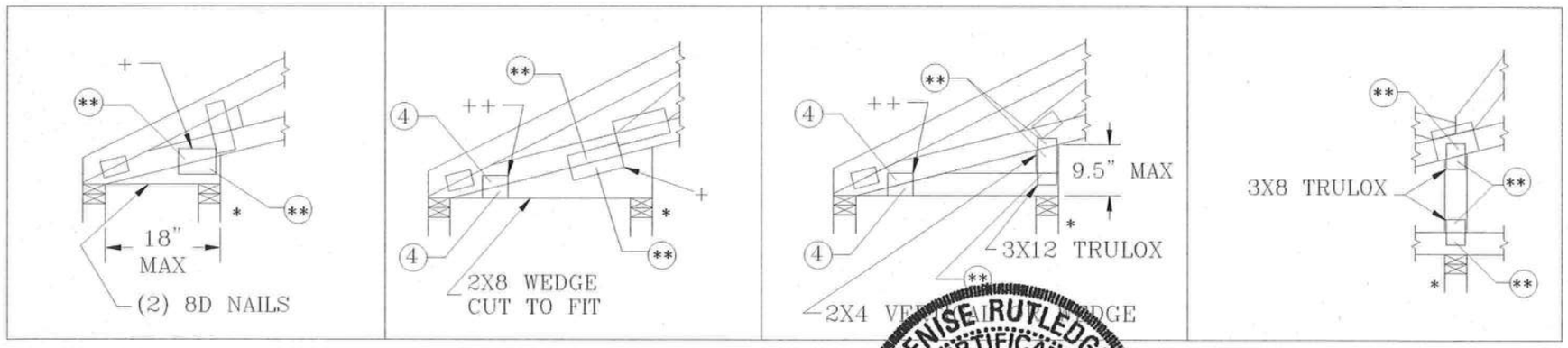
\+ 3X4 WAVE OR 4X8 TRULOX

++ 2X4 WAVE OR 3X6 TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6



THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

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POMPANO BEACH, FLORIDA

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DENISE RUTLEDGE
CERTIFICATE
No. 58752
STATE OF FLORIDA
12/06/2004
PROFESSIONAL ENGINEER

TC LL	—	PSF
TC DL	—	PSF
BC DL	10.0	PSF
BC LL	—	PSF
TOT. LD.	—	PSF
DUR. FAC. 1.0/1.15/1.25/1.33		
SPACING	24.0"	

REF	BC FILLER
DATE	11/26/03
DRWG	BCFILLER1103
-ENG	DLJ/KAR

Residential System Sizing Calculation

Summary

Project Title:
408095InlowRes.

Lake City, FL

Class 3 Rating
Registration No. 0
Climate: North

2/1/2005

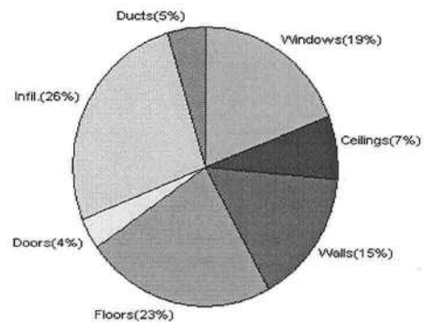
Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)

Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**27046**	**Btuh**	**Total cooling load calculation**	**24271**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.3	32000	Sensible (SHR = 0.75)	134.0	24000
Heat Pump + Auxiliary(0.0kW)	118.3	32000	Latent	125.7	8000
			Total (Electric Heat Pump)	131.8	32000

WINTER CALCULATIONS

Winter Heating Load (for 1537 sqft)

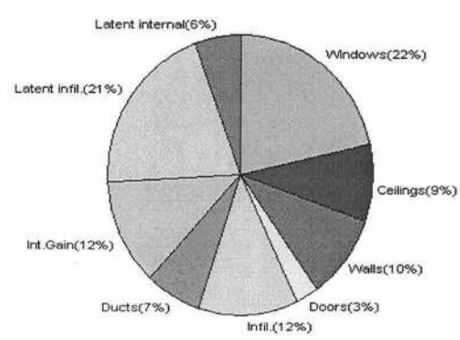
Load component			Load	
Window total	184	sqft	5207	Btuh
Wall total	1352	sqft	4191	Btuh
Door total	64	sqft	995	Btuh
Ceiling total	1537	sqft	1998	Btuh
Floor total	200	ft	6320	Btuh
Infiltration	164	cfm	7047	Btuh
Subtotal			**25758**	**Btuh**
Duct loss			1288	Btuh
TOTAL HEAT LOSS			**27046**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1537 sqft)

Load component			Load	
Window total	184	sqft	5248	Btuh
Wall total	1352	sqft	2352	Btuh
Door total	64	sqft	649	Btuh
Ceiling total	1537	sqft	2183	Btuh
Floor total			0	Btuh
Infiltration	144	cfm	2846	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**16278**	**Btuh**
Duct gain			1628	Btuh
Total sensible gain			**17906**	**Btuh**
Latent gain(infiltration)			4985	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**6365**	**Btuh**
TOTAL HEAT GAIN			**24271**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: [signature]
DATE: 1/2/05

EnergyGauge® FLR2PB v3.4

System Sizing Calculations - Winter

Residential Load - Component Details

Project Title:
408095InlowRes.

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

2/1/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	45.0	28.3	1274 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	W	10.0	28.3	283 Btuh
4	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
5	2, Clear, Metal, DEF	E	15.0	28.3	424 Btuh
6	2, Clear, Metal, DEF	S	14.0	28.3	396 Btuh
7	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
8	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
	Window Total		184		5207 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1132	3.1	3509 Btuh
2	Frame - Exterior	13.0	220	3.1	682 Btuh
	Wall Total		1352		4191 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		14	18.3	257 Btuh
2	Insulated - Exter		10	18.3	183 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
4	Insulated - Exter		20	18.3	367 Btuh
	Door Total		64		995Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1537	1.3	1998 Btuh
	Ceiling Total		1537		1998Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	200.0 ft(p)	31.6	6320 Btuh
	Floor Total		200		6320 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	12296(sqft)	164	7047 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			164	7047 Btuh

Totals for Heating	**Subtotal**	**25758 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1288 Btuh**
	Total Btuh Loss	**27046 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Project Title:
408095InlowRes.

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 2/1/2005

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load
1	2, Clear, DEF, N, N	N	1.5	5.5	45.0	0.0	45.0	22	22	990 Btuh
2	2, Clear, DEF, N, N	N	11.5	7	20.0	0.0	20.0	22	22	440 Btuh
3	2, Clear, DEF, N, N	W	17.5	7.5	10.0	10.0	0.0	22	72	220 Btuh
4	2, Clear, DEF, N, N	N	1.5	5.5	20.0	0.0	20.0	22	22	440 Btuh
5	2, Clear, DEF, N, N	E	0	0	15.0	0.0	15.0	22	72	1080 Btuh
6	2, Clear, DEF, N, N	S	8.5	7.5	14.0	14.0	0.0	22	37	308 Btuh
7	2, Clear, DEF, N, N	S	1.5	5.5	30.0	30.0	0.0	22	37	660 Btuh
8	2, Clear, DEF, N, N	S	0	0	30.0	0.0	30.0	22	37	1110 Btuh
	Window Total				184					5248 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	13.0	1132.0	1.7	1970 Btuh
2	Frame - Exterior	13.0	220.0	1.7	383 Btuh
	Wall Total		1352.0		2352 Btuh

Doors	Type	Area	HTM	Load
1	Insulated - Exter	14.0	10.1	142 Btuh
2	Insulated - Exter	10.0	10.1	101 Btuh
3	Insulated - Adjac	20.0	10.1	203 Btuh
4	Insulated - Exter	20.0	10.1	203 Btuh
	Door Total	64.0		649 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1537.0	1.4	2183 Btuh
	Ceiling Total		1537.0		2183 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	200.0 ft(p)	0.0	0 Btuh
	Floor Total		200.0		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.70	12296	143.7	2846 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			144	2846 Btuh

Internal gain	Occupants		Btuh/occupant		Appliance	Load
	6	X	300	+	1200	3000 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
408095InlowRes.

Lake City, FL

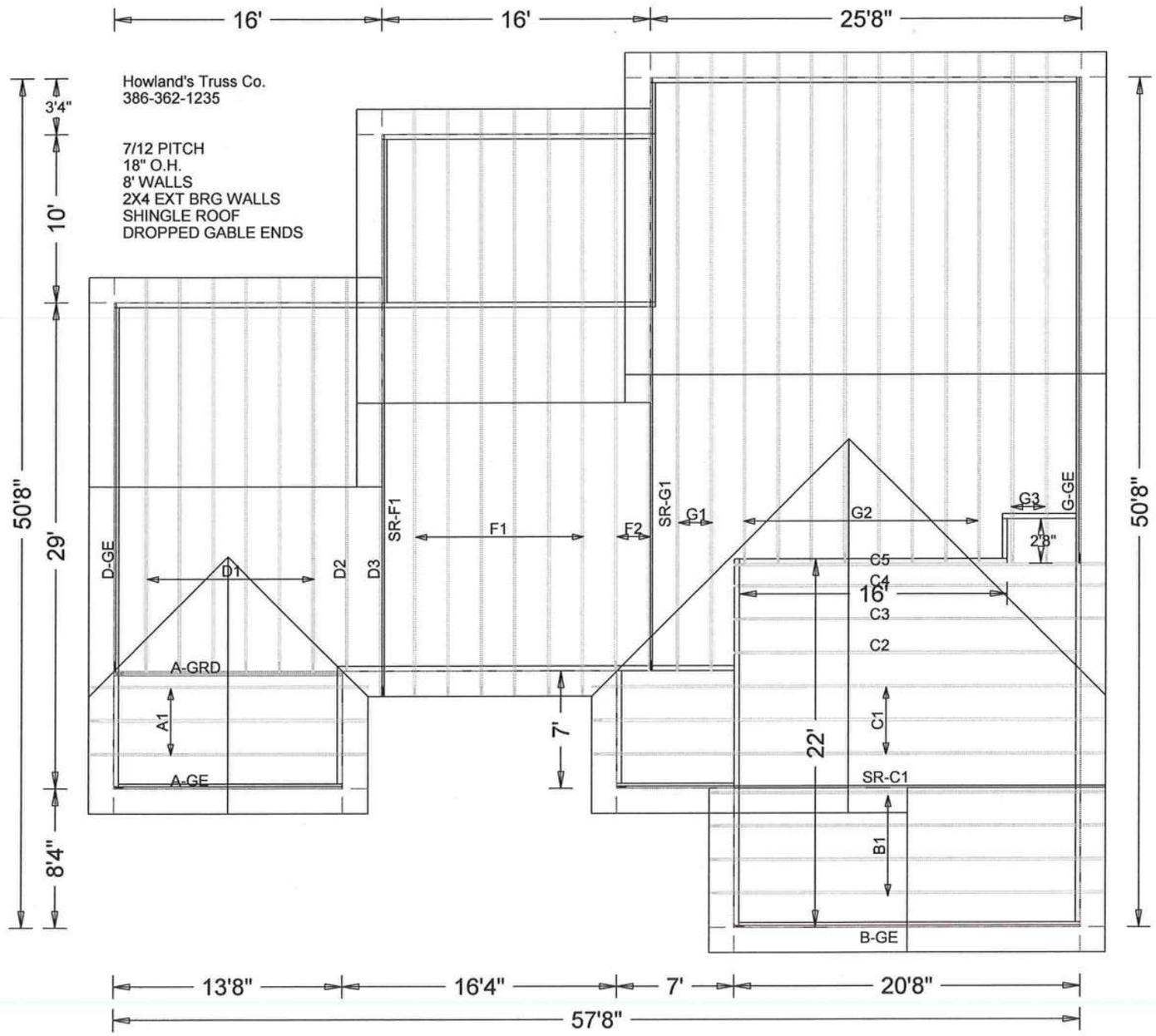
Class 3 Rating
Registration No. 0
Climate: North

2/1/2005

Totals for Cooling	Subtotal	16278	Btuh
	Duct gain(using duct multiplier of 0.10)	1628	Btuh
	Total sensible gain	17906	Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4985	Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380	Btuh
	Latent other gain	0	Btuh
	TOTAL GAIN	24271	Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

PRELIMINARY LAYOUT



Job Name: Edgely Const./Inlow Resid
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

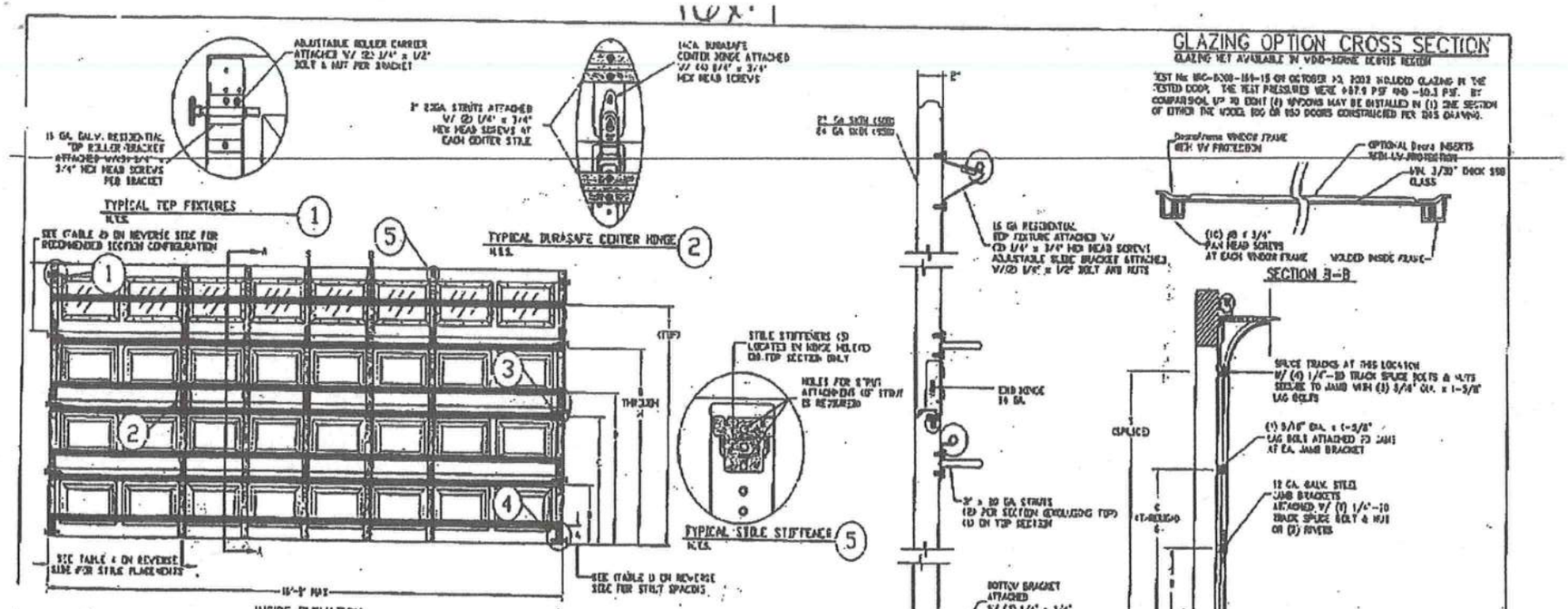
JOB NO:
1767

PAGE NO:
1 OF 1

GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION

TEST NO. [illegible] ON OCTOBER [illegible], 2002 MOLDED GLAZING IN THE TESTED DOOR. THE TEST PRESSURES WERE +87.9 PSF AND -50.3 PSF. BY COMPARISON, UP TO EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF EITHER THE WOOD 800 OR 950 DOORS CONSTRUCTED PER THIS DRAWING.


ADJUSTABLE ROLLER CARRIER ATTACHED W/ (2) 1/4" x 1/2" BOLT & NUT PER BRACKET
15 GA. GALV. RESIDENTIAL "TOP ROLLER BRACKET" ATTACHED W/(3) 1/4" x 3/4" HEX HEAD SCREWS PER BRACKET
TYPICAL TOP FIXTURES
1
SEE TABLE 2 ON REVERSE SIDE FOR RECOMMENDED SECTION CONFIGURATION
5
3" 22GA. STRUTS ATTACHED W/ (2) 1/4" x 3/4" HEX HEAD SCREWS AT EACH CENTER STILE
14GA. DURASAFE CENTER HINGE ATTACHED W/ (3) 1/4" x 3/4" HEX HEAD SCREWS
TYPICAL DURASAFE CENTER HINGE
2
(TYP)
THICKEN
STILE STIFFENERS (3) LOCATED IN HINGE HOLES (TOP SECTION ONLY)
HOLES FOR 2" PVC ATTACHING (3" STRUT) IS REQUIRED
TYPICAL STILE STIFFENER
5
3
2
4
SEE TABLE 4 ON REVERSE SIDE FOR STILE PLACEMENTS
SEE TABLE 3 ON REVERSE SIDE FOR STRUT SPACING
16'-2" MAX
INSIDE ELEVATION
N.T.S.
2"
2" GA SKIN (OUT) 24 GA SIDE (IN)
15 GA RESIDENTIAL TOP FIXTURE ATTACHED W/ (3) 1/4" x 3/4" HEX HEAD SCREWS ADJUSTABLE SLIDE BRACKET ATTACHED W/(2) 1/4" x 1/2" BOLT AND NUTS
END HINGE 14 GA.
3" x 20 GA STRUTS (2) PER SECTION (EXCLUDING TOP) (1) ON TOP SECTION
BOTTOM BRACKET ATTACHED W/ (3) 1/4" x 3/4" HEX HEAD SCREWS
CONT. STEEL RETAINER W/ CONT. DPM SEAL
SECTION A-A (SIDE VIEW)
N.T.S.
Dura/Frame WINDOW FRAME WITH UV PROTECTION
OPTIONAL Dura INSERTS WITH UV PROTECTION
MIN. 3/32" DOUBLE STRENGTH GLASS
(10) #8 x 3/4" PAN HEAD SCREWS AT EACH WINDOW FRAME
MOLDED INSIDE FRAME
SECTION B-B
SPLICE TRACKS AT THIS LOCATION W/ (4) 1/4"-20 TRACK SPLICE BOLTS & NUTS SECURE TO JAMB WITH (3) 3/8" DIA. x 1-3/8" LAG BOLTS
(1) 3/8" DIA. x 1-3/8" LAG BOLT ATTACHED TO JAMB AT EA. JAMB BRACKET
12 GA. GALV. STEEL JAMB BRACKETS ATTACHED W/ (7) 1/4"-20 TRACK SPLICE BOLT & NUT OR (7) RIVETS
SPLICED
(ST-ROLLED)
SEE TABLE 3 ON REVERSE SIDE FOR JAMB BRACKET SPACING
TRACK CONFIGURATION FOR 8'8" UP TO 16' TALL DOORS
N.T.S.
14 GA. DURASAFE END HINGE ATTACHED W/ (3) 1/4" x 3/4" HEX HEAD SCREWS
14GA. DURASAFE ROLLER CARRIERS ATTACHED TO END STILE W/ (2) 1/4" x 3/4" HEX HEAD SCREWS PER CARRIER
3" 22GA. STRUTS ATTACHED W/ (2) 1/4" x 3/4" HEX HEAD SCREWS AT EACH END STILE
2" 7 BALL STEEL ROLLER W/5" STEM
TYPICAL DURASAFE END HINGE
3
3" 20GA STRUT ATTACHED W/ (2) 1/4" x 3/4" HEX HEAD SCREWS AT END AND CENTER STILES
BOTTOM BRACKET 14 GA. BRACE ATTACHED W/(3) 1/4" x 3/4" HEX HEAD SCREWS WITH A 33 GA. BRACKET SLIDER
2" 7 BALL STEEL ROLLER W/5" STEM
TYPICAL BOTTOM BRACKET
4
(1) 3/8" DIA. x 1-3/8" LAG BOLT ATTACHED TO JAMB AT EA. JAMB BRACKET
2 X 4 SOUTHERN YELLOW PINE (NO. 2 OR BETTER)
20 GA CENTER STILES
20 GA. GALV. STEEL END STILE
7/16" DIA. BOLT RETAINER (1) PER ROLLER
1/4-20 x 5/8" TRACK SPLICE BOLT AND NUT OR (2) RIVETS
2" GALV. STEEL TRACK (WIDE THICKNESS .051)
TRACK MOUNTING DETAIL
N.T.S.
MINIMUM 10' GARAGE
DOOR WIDTH 16'0"
DESIGN LOADS
+21.8 LBS/FT
-24.8 LBS/FT
SEE NOTE 2
SPECIFICATIONS AND NOTES
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK. FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RESISTS NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: 127.4 LBS/FT & -111.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY TABLE 4.
4. DOOR SECTIONS SHALL BE 25 GA. 800 (800") ROLLED FORMED LIGHT COMMERCIAL GALVTE, G-40 GALVANIZED
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADING.
6. THE METHOD OF TESTING AND DESIGN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM 330, 1997, AND THE SOUTHERN BUILDING CODE SECTION 1609 AND 1620. DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98 WITH THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 120 MPH (FOUR SEC)
   B. DOOR CAN BE INSTALLED WITH 3 FEET OF DOOR WIDTH INSIDE THE EDGE STEP.
   C. 30' OR LESS MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING "D"
7. REFER TO TABLES ON THE REVERSE SIDE FOR ADDITIONAL DOOR SIZES AND WIND DESIGN PRESSURES

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 120 MPH PEAK GUST EXPOSURE D, 30' OR LESS MEAN ROOF HEIGHT

2 & 3 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
3/8" X 3" LAG SCREWS STARTING 6" FROM EDGE 2-EA 16" O.C. (1 1/2" EMBEDMENT)

2 & 3 VERTICAL JAMB ATTACHMENT TO 2 X 10 PER DRAWING
1/2" HEX BOLT 1/8" X 4" STARTING 1" FROM EDGE THEN 16" O.C. (1 1/2" EMBEDMENT)
4" SLEEVE ANCHOR 3/8" X 2-1/4" STARTING 6" FROM EDGE THEN 16" O.C. (1 1/2" EMBEDMENT)
TEK/ANCHOR FASTENER (TEK-20.1) 1/8" X 4" STARTING 1" FROM EDGE THEN 16" O.C. (1 1/2" EMBEDMENT)

2 X 4 VERTICAL JAMB ATTACHMENT TO 2 X 4 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-1/4", STARTING 6" FROM EDGE THEN 16" O.C. (1 1/2" EMBEDMENT)
TEK/ANCHOR FASTENER 1/8" X 2-3/4" STARTING 6" FROM EDGE THEN PAIRS OF FASTENERS (2" APART) AT 16" O.C. (1 1/2" EMBEDMENT)

*LAG AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
INSTALLATION OF WOOD JAMBS BY OTHERS

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
10' x 14'

DESIGN LOADS
+21.8 PSF
-24.8 PSF

TEST LOADS
+32.7 PSF
-37.2 PSF

JUN 03 2003

Amarr
GARAGE DOORS

165 CARRIAGE COURT WINSTON-SALEM, NC 27105

MODEL 800 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

SIZE	DRAWN BY	DATE	DRAWING NUMBER
B	CHECKED BY	DATE	WS-6016-125-15

OWNER: THOMAS L. SPARGIMINO P.E. LIC. No. [illegible]
SHEET 1 OF 1

TABLE 1

DOOR HEIGHT	STRUT SPACING BASED ON RECOMMENDED SECTION CONFIGURATION														TOP
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	T
6'6"	5 1/2"	13 1/2"	25 1/2"	35 1/4"	43 1/2"	54 1/2"									67 1/2"
7'0"	5 1/2"	13 1/2"	25 1/2"	35 1/4"	43 1/2"	54 1/4"									73 1/2"
7'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							81 1/2"
8'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							85 1/2"
8'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							91 1/2"
9'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"					97"
9'5"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"					101 1/2"
10'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"					109 1/2"
10'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"				115 1/2"
11'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	109 1/4"			121 1/2"
11'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"			127 1/2"
12'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"	120 1/4"		135 1/2"
12'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"	126 1/4"	138 1/4"	143 1/2"
13'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"	121 1/2"	132 1/4"	145 1/2"
13'6"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"	126 1/4"	138 1/4"	152 1/2"
14'0"	5 1/2"	13 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	102 1/4"	114 1/4"	126 1/4"	138 1/4"	152 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	#1	#2	#3	#4	#5	#6	#7	#8
14'6"	21"	21"	21"	21"	21"	21"	21"	21"
13'6"	21"	21"	21"	21"	21"	19"	18"	21"
13'0"	21"	21"	21"	21"	21"	21"	21"	21"
12'6"	21"	18"	19"	19"	16"	18"	19"	21"
12'0"	21"	21"	21"	21"	21"	21"	21"	21"
11'6"	21"	21"	21"	19"	18"	18"	21"	
11'0"	21"	21"	21"	21"	21"	21"	21"	21"
10'6"	21"	21"	21"	21"	21"	21"		
10'0"	21"	21"	21"	21"	21"	21"		
9'6"	21"	18"	18"	18"	19"	21"		
9'0"	21"	21"	21"	21"	21"	21"		
8'6"	21"	21"	21"	18"	21"			
8'0"	21"	21"	21"	21"	21"			
7'6"	18"	18"	18"	19"	18"			
7'0"	21"	21"	21"	21"	21"			
6'6"	21"	18"	18"	21"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	S
6'6"	10"	34"	58"					70"
7'	10"	38"	56"					79"
7'6"	10"	28"	52"	76"				92"
8'	10"	34"	58"	82"				93"
8'6"	10"	28"	52"	76"	100"			105"
9'	10"	34"	58"	82"				100"
9'6"	10"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	105"			112"
10'6"	10"	28"	52"	76"	100"			116"
11'	10"	34"	58"	82"	106"			124"
11'6"	10"	28"	52"	76"	100"	124"		132"
12'	10"	34"	58"	82"	106"	130"		136"
12'6"	10"	28"	52"	76"	100"	124"	148"	142"
13'	10"	34"	58"	82"	106"	130"		148"
13'6"	10"	28"	52"	76"	100"	124"	148"	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge) 1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)
10'0"	Short	48.436	79.594			
10'0	Long	30.000	60.000	90.000		
12'0"	Short	48.812	72.000	96.375		
12'0	Long	49.625	72.000	94.375		
12'2"	Short	49.636	73.000	96.364		
12'2	Long	50.084	73.000	95.515		
12'4"	Short	50.636	74.000	97.364		
12'4	Long	51.084	74.000	96.916		
12'6"	Short	50.670	75.000	99.330		
12'6	Long	51.170	75.000	98.830		
12'8"	Short	51.670	76.000	100.330		
12'8	Long	52.100	76.000	99.900		
12'10"	Short	52.250	77.000	101.750		
12'10	Long	53.100	77.000	100.900		
13'0"	Short	53.000	78.000	103.000		
13'0	Long	54.100	78.000	101.900		
13'2"	Short	54.000	79.000	104.000		
13'2	Long	55.100	79.000	102.900		
13'4"	Short	54.900	80.000	106.100		
13'4	Long	55.900	80.000	104.100		
13'6"	Short	55.900	81.000	106.100		
13'6	Long	56.900	81.000	105.100		
13'8"	Short	56.900	82.000	108.100		
13'8	Long	56.525	82.000	107.375		
13'10"	Short	57.163	82.934	109.102		
13'10	Long	57.170	83.000	108.830		
14'0"	Short	57.163	83.936	110.837		
14'0	Long	58.625	84.000	109.375		
14'2"	Short	58.646	84.938	111.354		
14'2	Long	59.170	85.000	110.830		
14'4"	Short	59.163	85.939	112.837		
14'4	Long	60.170	86.000	111.830		
14'6"	Short	59.863	86.940	113.137		
14'6	Long	61.170	87.000	112.830		
14'8"	Short	60.563	87.940	113.437		
14'8	Long	62.812	*88.406	88.000	*109.594	131.188
14'10"	Short	61.265	88.940	114.735		
14'10	Long	63.600	*87.300	89.000	*110.700	132.400
15'0"	Short	61.938	89.940	116.062		
15'0	Long	63.600	*88.300	90.000	*111.700	133.400
15'2"	Short	62.563	90.940	117.437		
15'2	Long	47.600	*89.300	91.000	*112.700	134.400
15'4"	Short	63.400	91.940	118.600		
15'4	Long	47.250	*89.625	92.000	*114.375	136.750
15'6"	Short	63.824	92.940	119.176		
15'6	Long	47.600	*70.300	93.000	*115.700	138.400
15'8"	Short	47.624	70.612	93.400	116.188	139.376
15'8	Long	48.600	*71.300	94.000	*116.700	139.400
15'10"	Short	48.624	72.612	95.000	116.188	141.376
15'10	Long	49.167	*72.084	95.000	*117.917	140.833
16'0"	Short	49.624	72.612	96.000	119.188	142.376
16'0	Long	50.600	*73.300	95.000	*118.700	141.400

* Stiles do not need to be hinged

TABLE 5

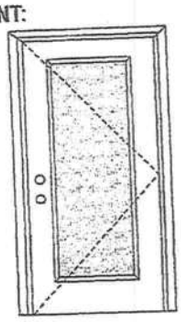
Section Width (ft)	Panel Type	Max Design Loads Allowed Positive (PSF)	Negative (PSF)
10'0"	Short	29.4	29.5
10'0	Long	34.7	39.5
12'0"	Short	28.9	32.9
12'0	Long	28.9	32.9
12'2"	Short	28.5	32.5
12'2	Long	28.5	32.5
12'4"	Short	28.1	32.0
12'4	Long	28.1	32.0
12'6"	Short	27.8	31.6
12'6	Long	27.8	31.6
12'8"	Short	27.4	31.2
12'8	Long	27.4	31.2
12'10"	Short	27.0	30.8
12'10	Long	27.0	30.8
13'0"	Short	26.7	30.4
13'0	Long	26.7	30.4
13'2"	Short	26.4	30.0
13'2	Long	26.4	30.0
13'4"	Short	26.0	29.6
13'4	Long	26.0	29.6
13'6"	Short	25.7	29.2
13'6	Long	25.7	29.2
13'8"	Short	25.4	28.9
13'8	Long	25.4	28.9
13'10"	Short	25.1	28.5
13'10	Long	25.1	28.5
14'0"	Short	24.8	28.2
14'0	Long	24.8	28.2
14'2"	Short	24.5	27.9
14'2	Long	24.5	27.9
14'4"	Short	24.2	27.5
14'4	Long	24.2	27.5
14'6"	Short	23.9	27.2
14'6	Long	23.9	27.2
14'8"	Short	23.7	26.9
14'8	Long	23.7	26.9
14'10"	Short	23.4	26.6
14'10	Long	23.4	26.6
15'0"	Short	23.1	26.3
15'0	Long	23.1	26.3
15'2"	Short	22.9	26.0
15'2	Long	22.9	26.0
15'4"	Short	22.6	25.7
15'4	Long	22.6	25.7
15'6"	Short	22.4	25.5
15'6	Long	22.4	25.5
15'8"	Short	22.2	25.2
15'8	Long	22.2	25.2
15'10"	Short	21.9	24.9
15'10	Long	21.9	24.9
16'0"	Short	21.8	24.8
16'0	Long	21.8	24.8

16X71

X
Glazed Inswing Unit

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Warnock Hersey

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

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

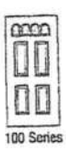
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

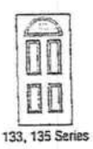
MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

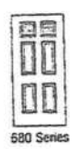
APPROVED DOOR STYLES:

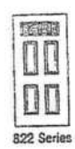
1/4 GLASS:


100 Series


133, 135 Series

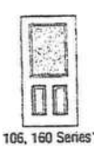
135 Series


680 Series

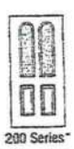

822 Series

1/2 GLASS:

105 Series*


106, 160 Series*

129 Series*


200 Series*

12 R/L, 23 R/L, 24 R/L Series*

107 Series*

108 Series

304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

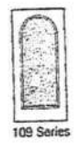
3/4 GLASS:

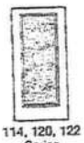
404 Series

410 Series

450 Series

FULL GLASS:


109 Series


114, 120, 122 Series

152 Series

149 Series

300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

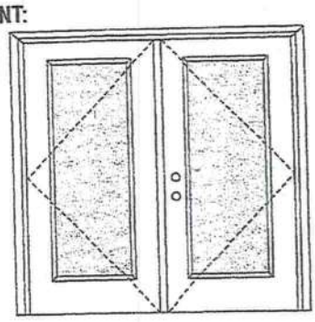
Warnock Hersey

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

XX
Glazed Inswing Unit

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

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

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

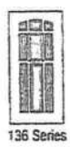
Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

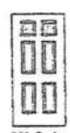
APPROVED DOOR STYLES:

1/4 GLASS:

100 Series

133, 135 Series


136 Series


680 Series

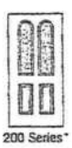
822 Series

1/2 GLASS:

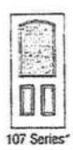
105 Series*

106, 160 Series*

129 Series*


200 Series*

12 R/L, 23 R/L, 24 R/L Series*


107 Series*

108 Series

304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

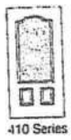
Exclusively from Masonite®
Masonite International Corporation

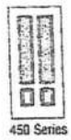
WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

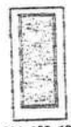
404 Series


410 Series


450 Series

FULL GLASS:

109 Series


114, 120, 122 Series

152 Series

149 Series

300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

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

Johnson™ EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

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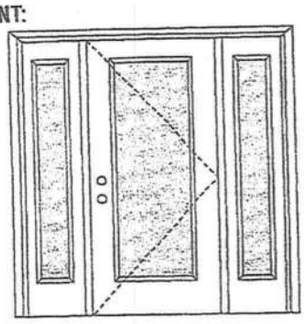
Masonite International Corporation

OXO
Glazed Inswing Unit

COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

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Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Single Door with 2 Sidelites
Maximum unit size = 9'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

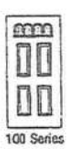
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0004-02.

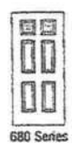
APPROVED DOOR STYLES:

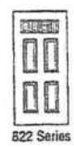
1/4 GLASS:


100 Series

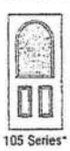
133, 135 Series

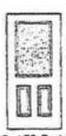
136 Series


680 Series


822 Series

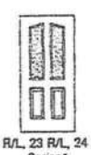
1/2 GLASS:

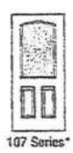

105 Series*


106, 160 Series*

129 Series*

200 Series*


12 R/L, 23 R/L, 24 R/L Series*


107 Series*

108 Series

304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2002
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Masonite International Corporation

OXO
Glazed Inswing Unit

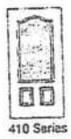
COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

404 Series

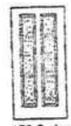

410 Series

450 Series

FULL GLASS:

109 Series

114, 120, 122 Series


152 Series

149 Series

300 Series

APPROVED SIDELITE STYLES:

680 Series

129 Series

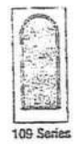
200 Series

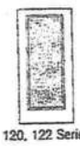
12R, 12L, 23R, 23L, 24R, 24L Series

450 Series

152 Series

149 Series


109 Series


120, 122 Series

300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warnock Hersey

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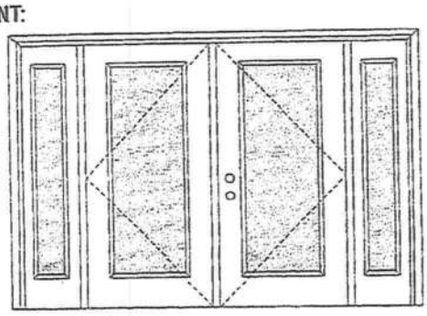
Masonite International Corporation

OXXO
Glazed Inswing Unit

COP-WL-JH4145-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

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

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door with 2 Sidelites
Maximum unit size = 12'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

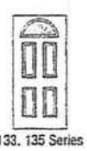
MINIMUM INSTALLATION DETAIL:

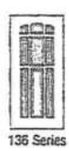
Compliance requires that minimum installation details have been followed – see MID-WL-MA0005-02.

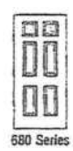
APPROVED DOOR STYLES:

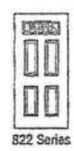
1/4 GLASS:

100 Series


133, 135 Series

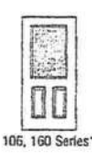

136 Series


680 Series

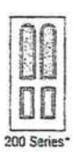

822 Series

1/2 GLASS:

105 Series*


106, 160 Series*

129 Series*


200 Series*

12 R/L, 23 R/L, 24 R/L Series*

107 Series*

108 Series

304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™ EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection Premium Quality Doors

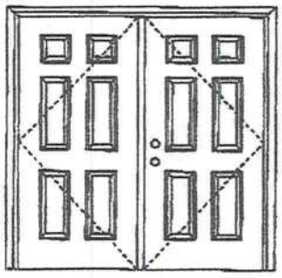
Exclusively from Masonite®
Masonite International Corporation

XX
Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.intertek.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+45.0/-45.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

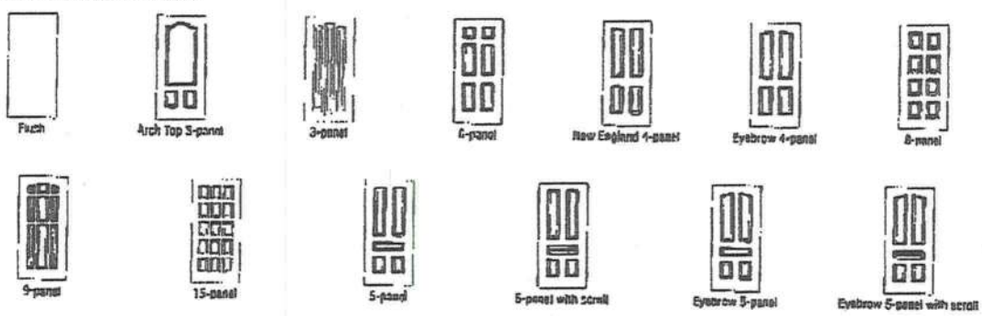
MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:



Johnson EntrySystems

June 17, 2002
Our continuing program of product improvement may necessitate alterations, deletion and prices detail subject to change without notice.

PREMDOR Collection Premium Quality Doors

Masonite
Masonite International Corporation

XX
Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Test Data Review Certificate #20264-47A and COP/Test Report Validation Matrix #20264-47A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Premium Quality Doors

Exclusively from Masonite
Masonite International Corporation

Dave Edgley

AAMA/NWWDA 101/I.S.2-97
TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft^2
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess

Mark A. Hess, Technician

MAH:nlb

Allen M. Reeves
1 APRIL 2002

ALLEN M. REEVES
CERTIFICATE NO. 15354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.*

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen N. Reeves
1 APRIL 2002

REEVES
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Description	Quantity	Location
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

ALLEN H. REEVES
CERTIFICATE NO. 18[illegible]
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Allen H. Reeves
1 APRIL 2003

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft^2	0.3 cfm/ft^2 max

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 25.9 psf (positive)	0.42"*	0.26" max.
	@ 34.7 psf (negative)	0.43"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 38.9 psf (positive)	0.02"	0.18" max.
	@ 52.1 psf (negative)	0.02"	0.18" max.

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. 19374
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987)		
	In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		
	@ 67.5 psf (positive)	0.05"	0.18" max.
	@ 70.8 psf (negative)	0.05"	0.18" max.

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE NO. 19334
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess
Technician

Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002

MAH:nlb
01-41134.01

ALLEN H. REEVES
CERTIFICATE
NO. 13604
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

ASTM HERITAGE 30 AR®

PRODUCT DATA

LAMINATED ASPHALT SHINGLES

Manufactured in Tuscaloosa, AL.

ASTM HERITAGE 30 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with mineral granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.

USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

ADVANTAGES

- 30 year limited warranty, 5 year FULL START, limited transferability, winds up to 70 MPH
- Affordable upgrade from 3-tab shingles
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

CERTIFICATIONS

UL Class A Fire Rating
UL Wind Resistant

Fed. Spec.: Exceeds SS-S-001534, Class A, Type I

ASTM D 3018, Type I
ASTM E 108, Class A
ASTM D 3161, Type I (modified to 110 mph)
ASTM D 3462

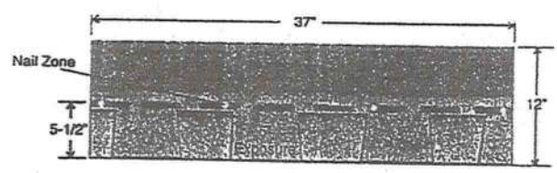
COLORS

Classic Heritage Colors:

- Weathered Wood
- Rustic Cedar
- Rustic Hickory
- Driftwood
- Oxford Grey
- Shadow Grey
- Desert Sand
- Rustic Black
- Olde English Pewter
- Glacier White
- Rustic Evergreen

PRODUCT DATA*

Shingle size	12" X 37"
Exposure	5"
Shingles per square	78
Bundles per square	3



*All values stated as nominal

CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.

TAMKO®
ROOFING PRODUCTS

TAMKO® is a registered trademark of TAMKO Roofing Products, Inc.

Visit our Web Site at www.tamko.com

01/2002

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868

CERTIFICATE OF

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 24-4S-16-03113-157

Building permit No. 000023737

Use Classification SFD,UTILITY

Fire: 11.84

Permit Holder DOUG EDGLEY

Waste: 24.50

Owner of Building DOLORES INLOW

Total: 36.34

Location: 199 SW MELBA GLEN, LAKE CITY, FL

Date: 08/09/2006

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. 23737

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Edgely Construction Company Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Inlaw Residence
Wise Estates 199 SW Melba Glen
Lot # 27 Lake City, FL 32024

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 3/6/06
Brand Name of Product(s) Used Cypper TC
EPA Registration No.
Approximate Final Mix Solution % .5%
Approximate Size of Treatment Area: Sq. ft. 2268 Linear ft. 290 Linear ft. of Masonry Voids 274
Approximate Total Gallons of Solution Applied 575 gals.
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)

Comments

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Date 3/6/06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Form **NPCA-99-B** may still be used

form **HUD-NPCA-99-B** (04/2003)

Reorder Product #2581 • from CROWNMAX • 1-800-252-4011