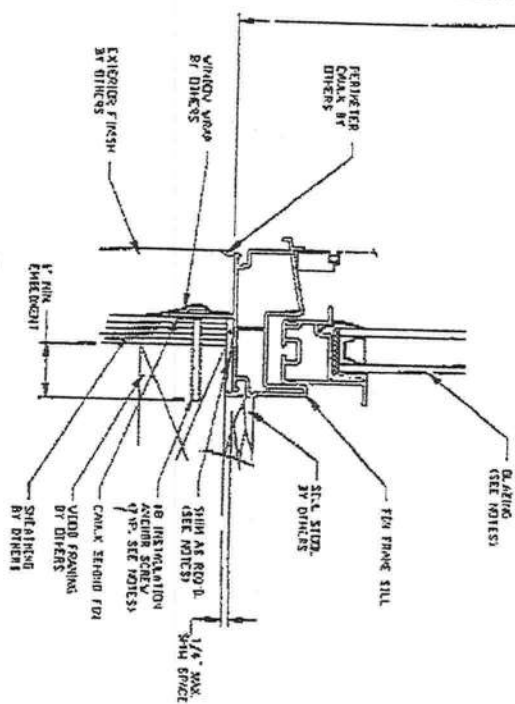
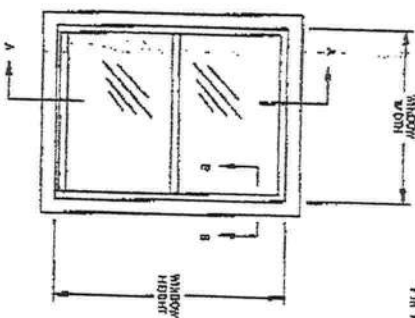
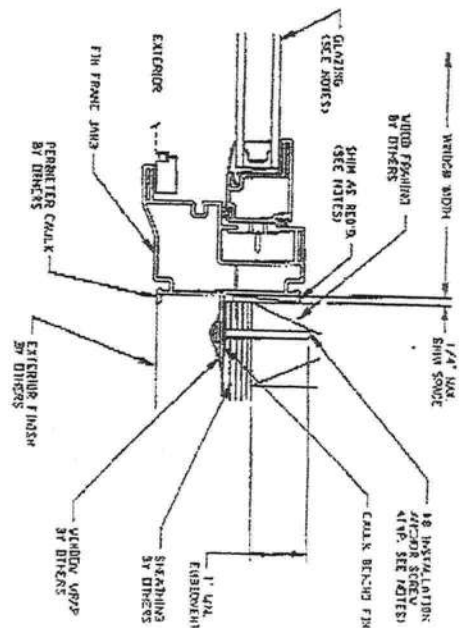




SECTION A-A



ELEVATION
VIEWED FROM EXTERIOR



- 1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LEGS BEHIND SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4" - 60% SHIM WHEN SPACE OF 1/16" OR GREATER IS PRESENT.
- 2) WINDOW FRAME MATERIALS: POLYURETHANE CARBIDE.
- 3) WINDOW FRAME ANCHORS: 2# STEEL MUST BE OF SUFFICIENT LENGTH TO ANCHOR IN EMBEDMENT OF 1" P10 WOOD FRAME. 5-6" INSTALLATION ANCHORS AT 6" MAX. FROM CORNERS AND MAX. 24" O.C.
- 4) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
- 5) USE LATEX CAULK BEHIND WINDOW FIN.
- 6) O-RING TECHNIQUES MAY VARY PER REQUIREMENTS OF ASTM E1360.
- 7) INSULATION AS SLATED HURON COUNTRIES WITH THE FLORIDA BUILDING CODE DESIGN PRESSURE CAPACITY OF WINDOW & INSTALLATION IS 10.0 PSF.

		PO. BOX 1007 HUNTSVILLE, AL 35894 PHONE 205/535-1111
DISPOSITION SERIES 8500 INSTALLATION DETAIL	DATE 3/20/02 FILE #0025	
JIRON0025		CHAIN BY: BB

AX.
ACE

#8 INSTALLATION
ANCHOR SCREW
(TYPE SEE NOTES)

CAULK BEHIND FIN

1" MIN.
EMBEDMENT

SHEATHING
BY OTHERS

WINDOW WRAP
BY OTHERS

ISH

WINDOW
HEIGHT

COMPARATIVE ANALYSIS & ANCHOR CHART

WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF		NO. OF #8 SCREWS REQ'D. IN FRAME		NO. OF 0.090 DIA. NAILS REQ'D IN FRAME	
	EXTERIOR	INTERIOR	HEAD & SILL	@ EA. JAMB	HEAD & SILL	@ EA. JAMB
23-5/8 X 35-5/8	120	120	2	2	3	3
23-5/8 X 43-5/8	106	106	2	2	3	6
23-5/8 X 47-5/8	98.9	98.9	2	2	3	6
23-5/8 X 51-5/8	91.8	91.8	2	2	3	7
23-5/8 X 59-5/8	80.5	80.5	2	2	3	7
23-5/8 X 71-5/8	66.7	66.7	2	2	3	7
23-5/8 X 81	58.8	58.8	2	2	3	7
27-5/8 X 35-5/8	99	99	2	1	3	5
27-5/8 X 43-5/8	91.7	91.7	2	2	3	6
27-5/8 X 47-5/8	86.3	86.3	2	2	3	6
27-5/8 X 51-5/8	81	81	2	2	3	6
27-5/8 X 59-5/8	71.5	71.5	2	2	3	7
27-5/8 X 71-5/8	60.5	60.5	2	2	3	7
27-5/8 X 81	53.6	53.6	2	2	3	7
31-5/8 X 35-5/8	83.2	83.2	2	1	3	4
31-5/8 X 43-5/8	79.2	79.2	2	2	3	5
31-5/8 X 47-5/8	75.2	75.2	2	2	3	6
31-5/8 X 51-5/8	71.7	71.7	2	2	3	6
31-5/8 X 59-5/8	63.8	63.8	2	2	3	7
31-5/8 X 71-5/8	53.5	53.5	2	2	3	7
31-5/8 X 81	47.7	47.7	2	2	3	7
35-5/8 X 35-5/8	70.7	70.7	2	1	4	4
35-5/8 X 43-5/8	69.2	69.2	2	1	4	5
35-5/8 X 47-5/8	67.7	67.7	2	2	4	6
35-5/8 X 51-5/8	64.1	64.1	2	2	4	6
35-5/8 X 59-5/8	56.3	56.3	2	2	4	6
35-5/8 X 71-5/8	46.9	46.9	2	2	4	7
35-5/8 X 81	42.9	42.9	2	2	4	7
39-5/8 X 35-5/8	81	81	2	1	4	2
39-5/8 X 43-5/8	60.3	60.3	2	1	4	4
39-5/8 X 47-5/8	58	58	2	1	4	5
39-5/8 X 51-5/8	56	56	2	2	4	5
39-5/8 X 59-5/8	51.3	51.3	2	2	4	6
39-5/8 X 71-5/8	43.5	43.5	2	2	4	7
39-5/8 X 81	40	40	2	2	4	7
43-5/8 X 35-5/8	53.4	53.4	2	1	4	3
43-5/8 X 43-5/8	52.4	52.4	2	1	4	4
43-5/8 X 47-5/8	51	51	2	1	4	5
43-5/8 X 51-5/8	49	49	2	1	4	5
43-5/8 X 59-5/8	45	45	2	2	4	6
43-5/8 X 71-5/8	40	40	2	2	4	7
43-5/8 X 81	40	40	2	2	4	8

NOTES:

- 1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". APPLY SHIM WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
- 2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE
- 3) INSTALLATION ANCHORS, #8 SCREW & .090 DIA. NAILS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. USE INSTALLATION ANCHOR CHART FOR NUMBER OF ANCHORS REQ'D. IF WINDOW SIZE IS NOTE LISTED USE NEXT LARGER SIZE IN THE INSTALLATION CHART FOR NUMBER OF ANCHORS REQ'D.
- 4) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
- 5) USE LATEX CAULK BEHIND WINDOW FIN.
- 6) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
- 7) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE. DESIGN PRESSURE CAPACITY OF WINDOW & INSTALLATION IS 40.0 PSF.

JORDAN 

P.O. BOX 16377
MEMPHIS, TN, 38118
PHONE (901) 563-2121

DESCRIPTION

SERIES 8500 SINGLE HUNG
INSTALLATION DETAIL

DATE

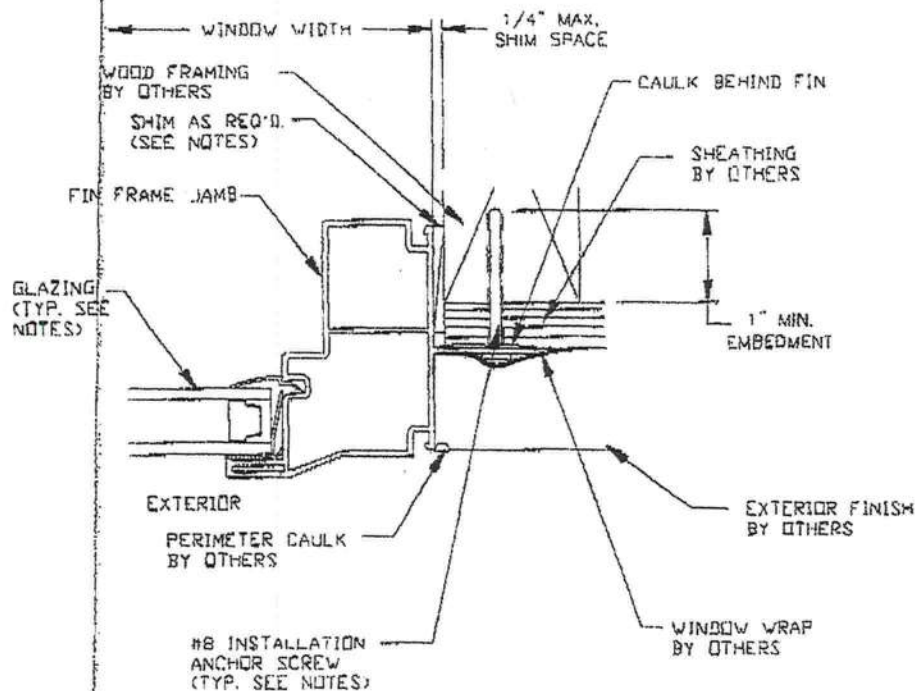
4/29/02

FILE NAME

JRDN0025

DRAWN BY

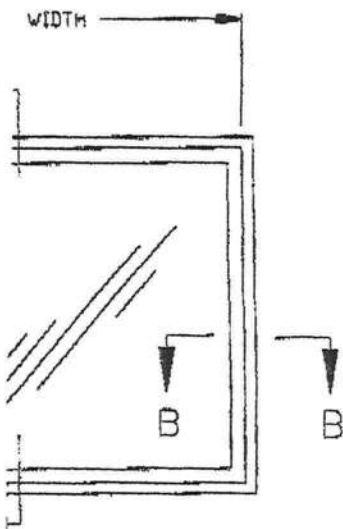
BB



SECTION B-B

NOTES:

- 1) SHIM AS REQ'D. AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4". APPLY WHERE SPACE OF 1/16" OR GREATER IS PRESENT.
- 2) WINDOW FRAME MATERIAL: POLYVINYL CHLORIDE.
- 3) INSTALLATION ANCHORS, #8 SCREWS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1" INTO WOOD FRAME. SPACE INSTALLATION ANCHORS AT 6" MAX. FROM CORNERS AND MAX. 24" O.C.
- 4) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FRAME.
- 5) USE LATEX CAULK BEHIND WINDOW FIN.
- 6) GLASS THICKNESS MAY VARY PER REQUIREMENTS OF ASTM E1300.
- 7) INSTALLATION AS STATED HEREIN COMPLIES WITH THE FLORIDA BUILDING CODE. DESIGN PRESSURE CAPACITY OF WINDOW & INSTALLATION IS 50.0 PSF.



TION
M EXTERIOR

11/11

03-2412

JORDAN RESIDENTIAL		P.O. BOX 10377 MEMPHIS, TN 38118 PHONE (901) 362-2121	
DESCRIPTION			
INSTALLATION DETAIL			
DATE	3/20/02	FILE NAME	JRDN0026
			DRAWN BY: JB

PREPARED BY: PRODUCT TECHNOLOGY CORP., 250 INTERNATIONAL BLVD., SUITE 250, HEATHROW, FLORIDA 32746 PHONE 407 805-0263 FAX 407 803-0266

G

PW #2



587 First Street SW • New Brighton, MN 55112

web www.testall.com • Facsimile 651-636-3843 • Telephone 651-636-3835

AAMA/NWDA STRUCTURAL TEST REPORT

Rendered to:

JORDAN COMPANIES
4661 Burbank Road
Memphis, Tennessee 38118

ATTI Report No: 02-32171.03
Test Date: 02/29/2000
Original Report Date: 03/22/2000
Current Report Date: 05/22/2000
Expiration Date: 02/29/2004

Project Summary: Architectural Testing, Inc. (ATTI) was contracted to perform tests on a Jordan 8500 PVC tilt single hung window.

Test Procedure: The test specimen was evaluated in accordance with the following:

AAMA/NWDA 101/I.S. 2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors," for conformance to the Class H-R40 (44" x 84") performance requirements.

Test Specimen Description:

Series/Model: 8500

Type: PVC Tilt Single Hung Window

Overall Size: 3' 8" wide by 6' 9" high

Sash Size: 3' 5-1/2" wide by 2' 6" high

Screen Size: 3' 3-1/2" wide by 2' 5-7/16" high

Finish: All PVC was white.

Glazing Type: The window utilized nominal 3/4" insulating glass comprised of two single strength annealed sheets in the operable sash and two double-strength sheets in the fixed lite, and a desiccant-filled metal spacer system. The glass for the sash was set from the exterior against a bed of silicone with PVC stops used on the exterior. The glass for the fixed lite was set from the interior against a bed of silicone with PVC stops used on the interior.

Test Specimen Description

Weatherstripping:

Description	Quantity	Location
0.250" high by 0.187" backed pile with center fin	1 row	Sash top and bottom rail
0.250" high by 0.187" backed pile with center fin	2 rows	Sash stiles

Frame Construction: Frame corners were miter cut and welded. Stationary meeting rail utilized aluminum reinforcement and was secured to the jambs with two 2-1/2" screws per end.

Sash Construction: Sash corners were miter cut and welded. Sash meeting rail utilized aluminum reinforcement.

Screen Construction: Screen frame consisted of roll-formed aluminum with plastic corner keys. Fiberglass screen cloth was held in place with a vinyl spline.

Hardware:

Description	Quantity	Location
Metal cam locks with keepers	2	6" from ends on meeting rail
Plastic tilt latches	2	Sash top rail corners
Metal tilt pins	2	Sash bottom rail corners
Block and tackle balances	2	One per jamb

Drainage:

Description	Quantity	Location
3/16" by 5/8" slots	2	1-3/4" from ends in sill pocket hollow below
3/16" by 5/8" slots	2	Ends of sill through interior wall
1/8" by 1/2" slot	2	1-3/4" from ends through sill exterior face

Installation: The unit was installed into a Grade 2 SPF 2" by 6" wood test buck and the nailing flange was secured with 1-5/8" screws and silicone.

Paragraph

Title of Test

Page 3 of 4

Optional Performance

Paragraph	Title of Test	Results	Allowed
4.3	Water Resistance per ASTM E 547-96 (With and without screen) WTP = 6 psf	No leakage	No leakage
4.4.2	Uniform Load Structural per ASTM E 330-97 (Indicator(s) located on the meeting rail) @ 60 psf (positive) @ 60 psf (negative)	0.03" 0.02"	0.166" max. 0.166" max.

This report is reissued in the name Jordan Companies through written authorization from Mikron Industries, Inc., for whom testing was originally performed.

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 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.

Paul L. Spiess
Project Manager

Daniel A. Johnson
Regional Manager

PLS/jb
02-32171

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

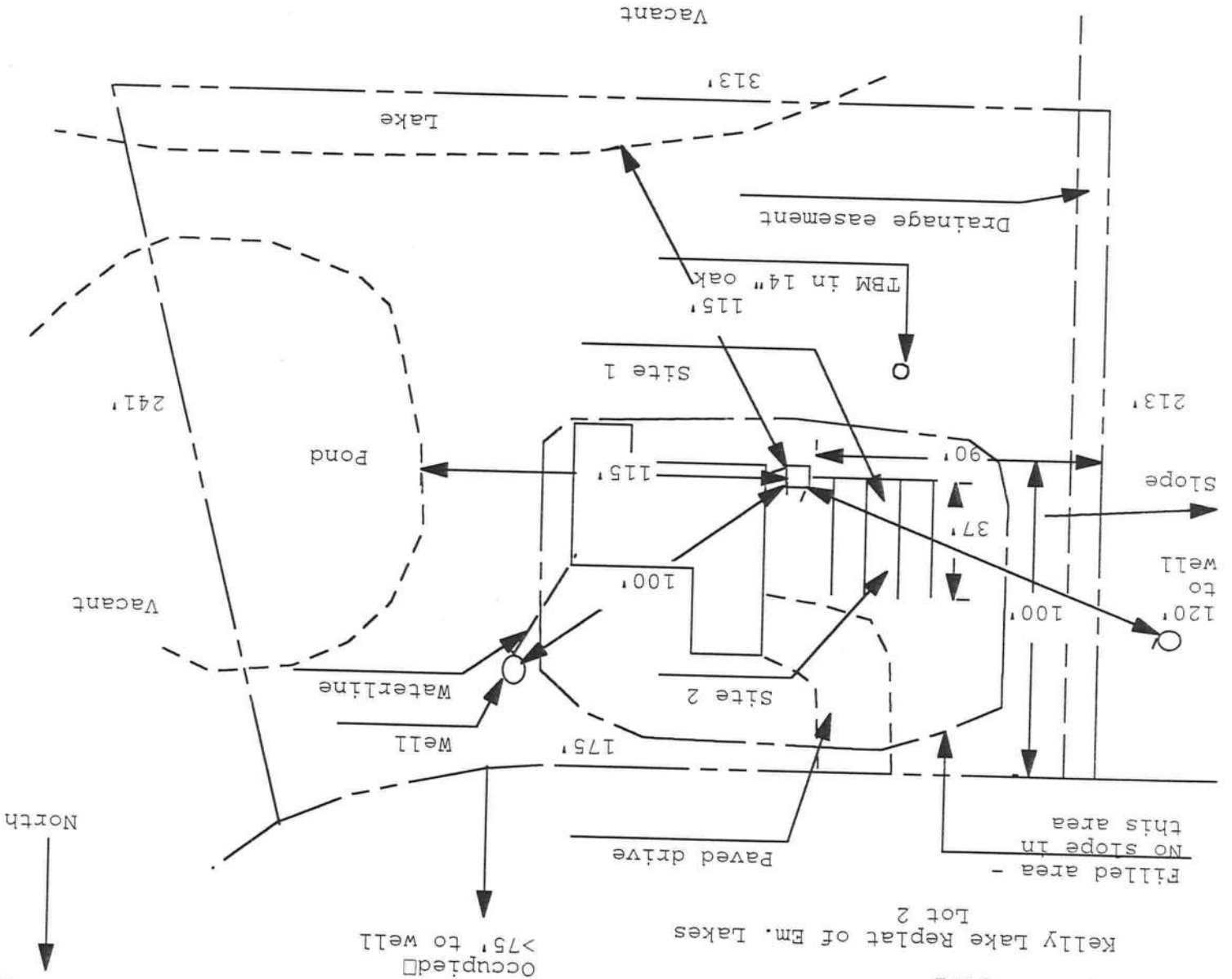
Permit Application Number: 04-0071N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ERKINGER/CR 03-1471

Kelly Lake Replat of Em. Lakes Lot 2

Occupied >75' to well



1 inch = 50 feet

Site Plan Submitted By

Not Approved

Date

10/24/03

Date

10/24/03

C CPNU

1-24-04

Notes:

By

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

Rendered to:

JORDAN COMPANIES

SERIES/MODEL: Series 8900
TYPE: PVC Fixed Window

Title of Test	Results
AAMA Rating	F-C50 60 x 78
Uniform Load Deflection Test Pressure	+50.0 psf
Air Infiltration	<0.01 cfm/ft ²
Water Resistance Test Pressure	7.5 psf
Uniform Load Structural Test Pressure	+75.0 psf
Corner Weld Test	Pass
Forced Entry Resistance	Grade 40

Reference should be made to full report for test specimen description and data.

Report No: 02-46046.01
Report Date: 07/23/03
Expiration Date: 07/17/07

AAMA/WDMA 101/1.S. 2-97 TEST REPORT

Rendered to:

JORDAN COMPANIES
4661 Burbank Road, P.O. Box 18377
Memphis, Tennessee 38118Report No: 02-46046.01
Test Date: 07/17/03
Report Date: 07/23/03
Expiration Date: 07/17/07

Project Summary: Architectural Testing, Inc. (ATTI) was contracted by Jordan Companies, to perform testing on Series 8900 PVC Fixed window. The sample tested successfully met the performance requirements for a F-C50 60 x 78 rating. Test specimen description and results are reported herein.

Test Procedure: The test specimens were evaluated in accordance with AAMA/WDMA 101/1.S. 2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors."

Test Specimen Description:

Series/Model: Series 8900

Type: PVC Fixed Window

Overall Size: 4' 11-3/4" wide by 6' 5-3/4" high

Area: 32.3 ft²

Finish: All vinyl was white.

Glazing Details: The window utilized a nominal 3/4" thick insulating glass unit fabricated from two nominal double strength sheets of annealed glass separated by a desiccant filled metal spacer system. The glass was set from the interior against a silicone sealant backbedding. PVC glazing stops were utilized on the interior.

Frame Construction: The frame corners were miter cut and welded.

Installation: The window was installed within a nominal 2" by 8" SPF wood test buck. The window was anchored to the buck with #8 by 1-5/8" wood screws spaced 6" from each corner and 8" to 10" on center. Silicone sealant was used to seal the window to the test buck.

Test Results: The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.1.2	Air Infiltration per ASTM E 283-91 (See Note #1)	@ 1.57 psf (25 mph) @ 6.24 psf (50 mph) <0.01 cfm/ft² <0.01 cfm/ft²	0.30 cfm/ft ² max.

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

2.1.3	Water Resistance per ASTM E 547-00 (See Note #2)		
2.1.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #2)		
2.1.4.2	Uniform Load Structural per ASTM E 330-97 (See Note #2)		

Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance."

2.1.7	Welded Corner Test	Pass	<100% break on weld
2.1.8	Forced Entry Resistance per ASTM F 588-97		
	Type D		
	Grade 40		
	Lock Manipulation Test	No entry	No entry

Optional Performance:

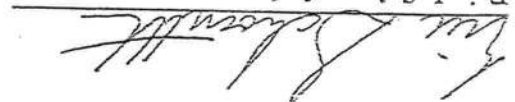
4.3	Water Resistance per ASTM E 547-00 and 331-00	WTP = 7.5 psf	No leakage
4.4.1	Uniform Load Deflection per ASTM E 330-97 (See Note #3)	(Measurements reported were taken in between the anchor points)	No Damage
	(Loads were held for 60 seconds)		
	@ 50.0 psf (positive)	0.04"	No Damage
	@ 50.0 psf (negative)	0.03"	No Damage

4.4.2	Uniform Load Structural per ASTM E 330-97	(Measurements reported were taken in between the anchor points)	
	(Loads were held for 10 seconds)		
	@ 75.0 psf (positive)	<0.01"	0.16" max.
	@ 75.0 psf (negative)	<0.01"	0.16" max.

Note #3: The Uniform Load Deflection test is not an AAMA/WDMA 101/I.S. 2-97 requirement for this product designation. The data is recorded in this report for information only.

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. This report may not be reproduced, except in full, without the approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.


Eric J. Schoenthaler
Technician

EJS/mb
02-46046.01


Daniel A. Johnson
Regional Manager

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	231 NW Kelly Lake Ct
Address:	Lake City, FL
City, State:	Erkinger Homes
Owner:	North
Climate Zone:	
Builder:	Erkinger Homes
Permitting Office:	
Permit Number:	
Jurisdiction Number:	

1. New construction or existing	Single family	1
2. Single family or multi-family	Single family	1
3. Number of units, if multi-family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	No	
6. Conditioned floor area (ft ²)	2082	
7. Glass area & type	0.0	
a. Clear - single pane	0.0	
b. Clear - double pane	376.0	
c. Tint/other SHGC - single pane	0.0	
d. Tint/other SHGC - double pane	0.0	
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=0.0, 192.0(p) ft	
b. N/A		
c. N/A		
9. Wall types		
a. Frame, Wood, Exterior	R=11.0, 876.0 ft ²	
b. Frame, Wood, Adjacent	R=11.0, 295.0 ft ²	
c. N/A		
d. N/A		
e. N/A		
10. Ceiling types		
a. Under Attic	R=30.0, 2082.0 ft ²	
b. N/A		
c. N/A		
11. Ducts		
a. Sup: Unc. Ret. Con. AH: Interior	Sup. R=6.0, 185.0 ft	
b. N/A		

12. Cooling systems	a. Central Unit	b. N/A	
	c. N/A		
13. Heating systems	a. Electric Heat Pump	b. N/A	
	c. N/A		
14. Hot water systems	a. Electric Resistance	b. N/A	
	c. N/A		
15. HVAC credits	(HR-Heat recovery, Solar DHP-Dedicated heat pump)		
c. Conservation credits	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		
Cap: 42.0 kBtu/hr	SEEK: 10.00		
Cap: 42.0 kBtu/hr	HSPF: 7.00		
Cap: 40.0 gallons	EF: 0.91		

Glass/Floor Area: 0.18	Total as-built points: 28907	PASS
	Total base points: 28983	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <i>[Signature]</i> DATE: 1-20-04 I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
---	--

SUMMER CALCULATIONS

ADDRESS: , Lake City, FL,

PERMIT #:

BASE										AS-BUILT									
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area										Type/SC Overhang Ornt Len Hgt Area X SPM X SOF = Points									
.18					2082.0					20.04					7510.2				
Double, Clear					N 1.5					8.0					37.0				
Double, Clear					E 1.5					8.0					131.0				
Double, Clear					S 1.5					8.0					38.0				
Double, Clear					W 1.5					8.0					170.0				
As-Built Total:					376.0										12967.9				
WALL TYPES Area X BSPM = Points										R-Value Area X SPM = Points									
Adjacent					295.0					1.70					1489.2				
Exterior					876.0					1.70					206.5				
Base Total:					1171.0										1695.7				
DOOR TYPES Area X BSPM = Points										Type									
Adjacent					19.0					2.40					45.6				
Exterior					40.0					6.10					244.0				
Base Total:					59.0										289.6				
CEILING TYPES Area X BSPM = Points										Type									
Under Attic					2082.0					1.73					3601.9				
Under Attic					30.0					2082.0					1.73 X 1.00				
Base Total:					2082.0										3601.9				
FLOOR TYPES Area X BSPM = Points										Type									
Slab					192.0(p)					-37.0					-7104.0				
Raised					0.0					0.00					0.0				
Base Total:					-7104.0										-7910.4				
INFILTRATION Area X BSPM = Points										Area X SPM = Points									
2082.0					10.21					21257.2									

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE

AS-BUILT

Summer Base Points: 27250.6									
Summer As-Built Points: 31901.8									
Total Summer X System =	Cooling Points	Total X Component	Cap X Ratio	Duct X Multiplier	System X Multiplier	Credit =	Cooling Points		
(DM x DSM x AHU)									
27250.6	11625.1	31901.8	1.00	1.128	0.341	1.000	12285.2		
0.4266						1.000	12285.2		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

GLASS TYPES		BASE		AS-BUILT	
.18 X Conditioned X BWPM = Points		.18		Type/SC	
Floor Area		2082.0		Overhang	
		12.74		Ornt Len Hgt Area X WPM X WOF = Points	
4774.4				N 1.5 8.0 37.0 14.30 1.00 529.7	
Double, Clear				E 1.5 8.0 131.0 9.09 1.02 1214.5	
Double, Clear				S 1.5 8.0 38.0 4.03 1.04 159.5	
Double, Clear				W 1.5 8.0 170.0 10.77 1.01 1850.5	
As-Built Total:		376.0		3754.2	
WALL TYPES		Area X BWPM = Points		Type	
R-Value		Area X WPM = Points		R-Value	
Adjacent		295.0		3.60	
Exterior		876.0		3.70	
Base Total:		1171.0		1062.0	
4303.2				Frame, Wood, Exterior	
Frame, Wood, Exterior				11.0	
Frame, Wood, Adjacent				11.0	
As-Built Total:		1171.0		295.0	
DOOR TYPES		Area X BWPM = Points		Type	
R-Value		Area X WPM = Points		R-Value	
Adjacent		19.0		40.0	
Exterior		40.0		12.30	
Base Total:		59.0		19.0	
710.5				11.50	
Exterior Wood				492.0	
Adjacent Wood				218.5	
As-Built Total:		710.5		218.5	
CEILING TYPES		Area X BWPM = Points		Type	
R-Value		Area X WCM = Points		R-Value	
Under Attic		2082.0		2.05	
Base Total:		2082.0		30.0	
4268.1				2082.0	
Under Attic				2.05 X 1.00	
As-Built Total:		2082.0		4268.1	
FLOOR TYPES		Area X BWPM = Points		Type	
R-Value		Area X WPM = Points		R-Value	
Slab		192.0(p)		0.0	
Raised		0.00		192.0(p)	
Base Total:		1708.8		18.80	
1708.8				3609.6	
Slab-On-Grade Edge Insulation				0.0	
As-Built Total:		192.0		192.0	
INFILTRATION		Area X BWPM = Points		Area X WPM = Points	
2082.0				-1228.4	
-0.59				-1228.4	

PERMIT #:

Residential Whole Building Performance Method A - Details

ADDRESS: , Lake City, FL,

PERMIT #:

BASE		AS-BUILT	
Winter Base Points:	14536.7	Winter As-Built Points:	15417.2
Total Winter X System =	14536.7	Total X Cap X Duct X System X Credit = Heating	15417.2
Points		Points	
Multiplier		Multiplier	
Heating		Heating	
Component		Component	
Ratio		Ratio	
(DM x DSM x AHU)		(DM x DSM x AHU)	
1.00		1.00	
1.00		1.00	
1.152		1.152	
0.487		0.487	
0.6274		0.6274	
9120.3		9120.3	
15417.2		15417.2	
1.00		1.00	
1.00		1.00	
1.000		1.000	
8655.0		8655.0	

PERMIT #:

AS-BUILT

[illegible]

AS-BUILT

11625	+	Cooling Points	=	9120	+	Heating Points	=	28907
8238	+	Hot Water Points	=	28983	+	Cooling Points	=	7966
12285	+	Heating Points	=	8655	+	Hot Water Points	=	28907

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , 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.	
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%.	
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* = 82.3

The higher the score, the more efficient the home.

Erkinger Homes, Lake City, FL

1. New construction or existing
2. Single family or multi-family
3. Number of units, if multi-family
4. Number of Bedrooms
5. Is this a worst case?
6. Conditioned floor area (ft²)
7. Glass area & type
8. Floor types
9. Wall types
10. Ceiling types
11. Ducts

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.

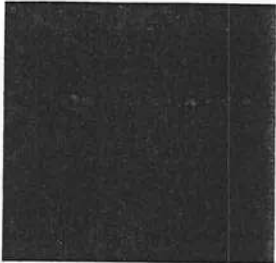
Builder Signature: _____

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 850/487-1824.



12. Cooling systems
 - a. Central Unit
 - b. N/A
 - c. N/A
13. Heating systems
 - a. Electric Heat Pump
 - b. N/A
 - c. N/A
14. Hot water systems
 - a. Electric Resistance
 - b. N/A
 - c. N/A
15. HVAC credits
 - a. Conservation credits
 - (HR-Heat recovery, Solar
 - DHP-Dedicated heat pump)
 - HVAC credits
 - b. N/A
 - c. N/A
16. Ventilation
 - a. (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
 - b. N/A
 - c. N/A

Cap: 40.0 gallons
EF: 0.91

Cap: 42.0 kBtu/hr
HSPF: 7.00

Cap: 42.0 kBtu/hr
SEER: 10.00

Residential System Sizing Calculation

Summary

Erkinger Homes
Project Title: 231 NW Kelly Lake Ct
Code Only
Professional Version
Climate: North

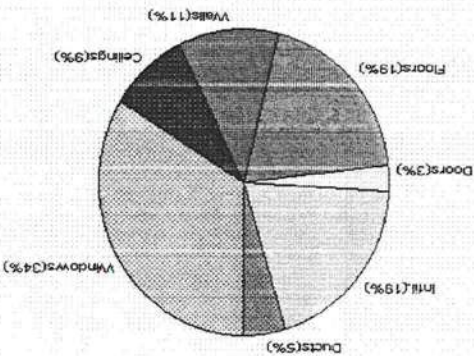
1/20/04

Location for weather data: Jacksonville - User customized: Latitude(30) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(49gr.)			
Winter design temperature	32 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	38 F	Summer temperature difference	23 F
Total heating load calculation	30654 Btuh	Total cooling load calculation	35021 Btuh
Submitted heating capacity	42000 Btuh	Submitted cooling capacity	42000 Btuh
Submitted as % of calculated	137.0 %	Submitted as % of calculated	119.9 %

WINTER CALCULATIONS

Winter Heating Load (for 2082 sqft)

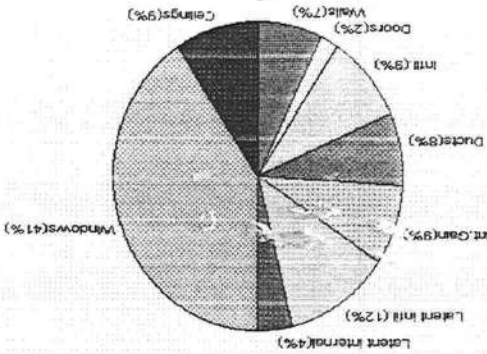
Load component		Load
Window total	376 sqft	10378 Btuh
Wall total	1171 sqft	3509 Btuh
Door total	59 sqft	874 Btuh
Ceiling total	2082 sqft	2707 Btuh
Floor total	192 ft	5914 Btuh
Infiltration	139 cfm	5813 Btuh
Subtotal		29195 Btuh
Duct loss		1460 Btuh
TOTAL HEAT LOSS		30654 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2082 sqft)

Load component		Load
Window total	376 sqft	14271 Btuh
Wall total	1171 sqft	2574 Btuh
Door total	59 sqft	725 Btuh
Ceiling total	2082 sqft	3248 Btuh
Floor total	0	0 Btuh
Infiltration	122 cfm	3079 Btuh
Internal gain		3000 Btuh
Subtotal(sensible)		26897 Btuh
Duct gain		2690 Btuh
Total sensible gain		29586 Btuh
Latent gain(infiltration)		4055 Btuh
Latent gain(internal)		1380 Btuh
Total latent gain		5435 Btuh
TOTAL HEAT GAIN		35021 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: [Signature]
DATE: 1-20-04

System Sizing Calculations - Winter

Residential Load - Component Details

Erkinger Homes

Project Title:
231 NW Kelly Lake Ct

Code Only
Professional Version
Climate: North

Lake City, FL

Reference City: Jacksonville (User customized) Winter Temperature Difference: 38.0 F 1/20/04

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	37.0	27.6	1021 Btuh
2	2, Clear, Metal, DEF	E	131.0	27.6	3616 Btuh
3	2, Clear, Metal, DEF	S	38.0	27.6	1049 Btuh
4	2, Clear, Metal, DEF	W	170.0	27.6	4692 Btuh
Window Total					
Walls	Type	R-Value	Area X	HTM=	Load
	Frame - Exterior	11.0	876	3.4	2978 Btuh
2	Frame - Adjacent	11.0	295	1.8	531 Btuh
Wall Total					
Doors	Type		Area X	HTM=	Load
	Wood - Exter		40	17.5	699 Btuh
2	Wood - Adjac		19	9.2	175 Btuh
Door Total					
Ceilings	Type	R-Value	Area X	HTM=	Load
	Under Attic	30.0	2082	1.3	2707 Btuh
Ceiling Total					
Floors	Type	R-Value	Size X	HTM=	Load
	Slab-On-Grade Edge Insul	0	192.0 ft(p)	30.8	5914 Btuh
Floor Total					
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	20820(sqft)	139	5813 Btuh
Mechanical					
Infiltration Total					
5813 Btuh					

Totals for Heating		
Subtotal	Duct Loss(using duct multiplier of 0.05)	1460 Btuh
		29195 Btuh
		30654 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 - Manual 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

Erkinger Homes

Project Title:

231 NW Kelly Lake Ct

Code Only

Professional Version

Climate: North

Reference City: Jacksonville (User customized)

Summer Temperature Difference: 23.0 F 1/20/04

Window	Type	Panesh/SHGC/U-Insh/Exsh Omt		Len	Hgt	Overhang		Window Area(sqft)	HTM	Load
		Gross	Shaded			Gross	Shaded			
1	2, Clear, DEF, B, N	1.5	8	37.0	0.0	37.0	0.0	37.0	17	629 Btuh
2	2, Clear, DEF, B, N	1.5	8	131.0	20.4	131.0	110.6	110.6	17	566 Btuh
3	2, Clear, DEF, B, N	1.5	8	38.0	38.0	38.0	0.0	0.0	17	646 Btuh
4	2, Clear, DEF, B, N	1.5	8	170.0	26.5	170.0	143.5	143.5	17	7340 Btuh
Window Total		376								14271 Btuh

Infiltration		Floors		Ceilings		Doors		Walls	
						</			

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

Totals for Cooling	Subtotal	Duct gain(using duct multiplier of 0.12)	26897 Btuh
Total sensible gain	2690 Btuh		
Latent infiltration gain (for 49 gr. humidity difference)	29586 Btuh		
Latent occupant gain (6 people @ 230 Btuh per person)	4055 Btuh		
Latent other gain	1380 Btuh		
TOTAL GAIN	0 Btuh		35021 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)
(Omt - compass orientation)

FOR LOT 151 IS 132.15 FEET, NGVD 29 DATUM.

NOT A PART.

PART OF LOT 151

EMERALD LAKES, PHASE FOUR, PLAT BOOK 6, PAGES 151 & 152.

NOT A PART.

LOT 150

LOT 151

LOT 152

LOT 153

LOT 154

LOT 155

LOT 156

LOT 157

LOT 158

LOT 159

LOT 160

LOT 161

LOT 162

LOT 163

LOT 164

LOT 165

LOT 166

LOT 167

LOT 168

LOT 169

LOT 170

LOT 171

LOT 172

LOT 173

LOT 174

LOT 175

LOT 176

LOT 177

LOT 178

LOT 179

LOT 180

LOT 181

LOT 182

LOT 183

LOT 184

LOT 185

LOT 186

LOT 187

LOT 188

LOT 189

LOT 190

LOT 191

LOT 192

LOT 193

LOT 194

LOT 195

LOT 196

LOT 197

LOT 198

LOT 199

LOT 200

LOT 201

LOT 202

LOT 203

LOT 204

LOT 205

LOT 206

LOT 207

LOT 208

LOT 209

LOT 210

LOT 211

LOT 212

LOT 213

LOT 214

LOT 215

LOT 216

LOT 217

LOT 218

LOT 219

LOT 220

LOT 221

LOT 222

LOT 223

LOT 224

LOT 225

LOT 226

LOT 227

LOT 228

LOT 229

LOT 230

LOT 231

LOT 232

LOT 233

LOT 234

LOT 235

LOT 236

LOT 237

LOT 238

LOT 239

LOT 240

LOT 241

LOT 242

LOT 243

LOT 244

LOT 245

LOT 246

LOT 247

LOT 248

LOT 249

LOT 250

LOT 251

LOT 252

LOT 253

LOT 254

LOT 255

LOT 256

LOT 257

LOT 258

LOT 259

LOT 260

LOT 261

LOT 262

LOT 263

LOT 264

LOT 265

LOT 266

LOT 267

LOT 268

LOT 269

LOT 270

LOT 271

LOT 272

LOT 273

LOT 274

LOT 275

LOT 276

LOT 277

LOT 278

LOT 279

LOT 280

LOT 281

LOT 282

LOT 283

LOT 284

LOT 285

LOT 286

LOT 287

LOT 288

LOT 289

LOT 290

LOT 291

LOT 292

LOT 293

LOT 294

LOT 295

LOT 296

LOT 297

LOT 298

LOT 299

LOT 300

LOT 301

LOT 302

LOT 303

LOT 304

LOT 305

LOT 306

LOT 307

LOT 308

LOT 309

LOT 310

LOT 311

LOT 312

LOT 313

LOT 314

LOT 315

LOT 316

LOT 317

LOT 318

LOT 319

LOT 320

LOT 321

LOT 322

LOT 323

LOT 324

LOT 325

LOT 326

LOT 327

LOT 328

LOT 329

LOT 330

LOT 331

LOT 332

LOT 333

LOT 334

LOT 335

LOT 336

LOT 337

LOT 338

LOT 339

LOT 340

LOT 341

LOT 342

LOT 343

LOT 344

LOT 345

LOT 346

LOT 347

LOT 348

LOT 349

LOT 350

LOT 351

LOT 352

LOT 353

LOT 354

LOT 355

LOT 356

LOT 357

LOT 358

LOT 359

LOT 360

LOT 361

LOT 362

LOT 363

LOT 364

LOT 365

LOT 366

LOT 367

LOT 368

LOT 369

LOT 370

LOT 371

LOT 372

LOT 373

LOT 374

LOT 375

LOT 376

LOT 377

LOT 378

LOT 379

LOT 380

LOT 381

LOT 382

LOT 383

LOT 384

LOT 385

LOT 386

LOT 387

LOT 388

LOT 389

LOT 390

LOT 391

LOT 392

LOT 393

LOT 394

LOT 395

LOT 396

LOT 397

LOT 398

LOT 399

LOT 400

LOT 401

LOT 402

LOT 403

LOT 404

LOT 405

LOT 406

LOT 407

LOT 408

LOT 409

LOT 410

LOT 411

LOT 412

LOT 413

LOT 414

LOT 415

LOT 416

LOT 417

LOT 418

LOT 419

LOT 420

LOT 421

LOT 422

LOT 423

LOT 424

LOT 425

LOT 426

LOT 427

LOT 428

LOT 429

LOT 430

LOT 431

LOT 432

LOT 433

LOT 434

LOT 435

LOT 436

LOT 437

LOT 438

LOT 439

LOT 440

LOT 441

LOT 442

LOT 443

LOT 444

LOT 445

LOT 446

LOT 447

LOT 448

LOT 449

LOT 450

LOT 451

LOT 452

LOT 453

LOT 454

LOT 455

LOT 456

LOT 457

LOT 458

LOT 459

LOT 460

LOT 461

LOT 462

LOT 463

LOT 464

LOT 465

LOT 466

LOT 467

LOT 468

LOT 469

LOT 470

LOT 471

LOT 472

LOT 473

LOT 474

LOT 475

LOT 476

LOT 477

LOT 478

LOT 479

LOT 480

LOT 481

LOT 482

LOT 483

LOT 484

LOT 485

LOT 486

LOT 48

Residential System Sizing Calculation

Summary

Project Title:
231 NW Kelly Lake Ct

Erkinger Homes
Lake City, FL

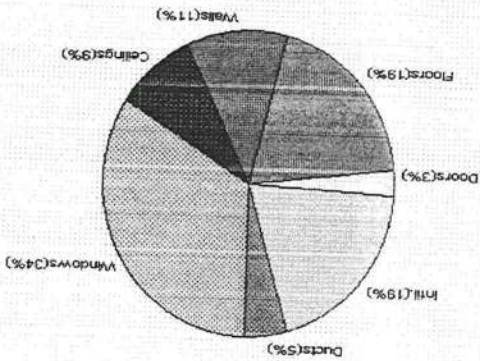
Code Only
Professional Version
Climate: North

1/20/04

Location for weather data: Jacksonville - User customized: Latitude(30) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(49gr.)			
Winter design temperature	32 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	38 F	Summer temperature difference	23 F
Total heating load calculation	30654 Btuh	Total cooling load calculation	35021 Btuh
Submitted heating capacity	42000 Btuh	Submitted cooling capacity	42000 Btuh
Submitted as % of calculated	137.0 %	Submitted as % of calculated	119.9 %

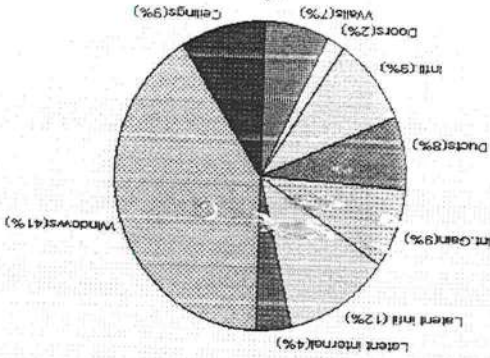
WINTER CALCULATIONS

Winter Heating Load (for 2082 sqft)	
Load component	
Window total	376 sqft
Wall total	1171 sqft
Door total	59 sqft
Ceiling total	2082 sqft
Floor total	192 ft
Infiltration	139 cfm
Subtotal	29195 Btuh
Duct loss	1460 Btuh
TOTAL HEAT LOSS	30654 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2082 sqft)	
Load component	
Window total	376 sqft
Wall total	1171 sqft
Door total	59 sqft
Ceiling total	2082 sqft
Floor total	122 cfm
Infiltration	122 cfm
Internal gain	3000 Btuh
Subtotal(sensible)	26897 Btuh
Duct gain	2690 Btuh
Total sensible gain	29586 Btuh
Latent gain(infiltration)	4055 Btuh
Latent gain(internal)	1380 Btuh
Total latent gain	5435 Btuh
TOTAL HEAT GAIN	35021 Btuh



EnergyGauge® System Sizing based on ACCA Manual J
PREPARED BY: *[Signature]*
DATE: 1-20-04

System Sizing Calculations - Winter

Residential Load - Component Details

Erkinger Homes

Lake City, FL

Project Title:
231 NW Kelly Lake Ct

Code Only

Professional Version
Climate: North

Reference City: Jacksonville (User customized) Winter Temperature Difference: 38.0 F 1/20/04

Window	1	2	3	4	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
	2, Clear, Metal, DEF	2, Clear, Metal, DEF	2, Clear, Metal, DEF	2, Clear, Metal, DEF		N	37.0	27.6	1021 Btuh
						E	131.0	27.6	3616 Btuh
						S	38.0	27.6	1049 Btuh
						W	170.0	27.6	4692 Btuh
Window Total									
Type		R-Value		Area X		HTM=			
Frame - Exterior		11.0		876		3.4		Load	
Frame - Adjacent		11.0		295		1.8		2978 Btuh	
Wall Total				1171				3509 Btuh	
Doors	1	Type		Area X		HTM=		Load	
		Wood - Exter		40		17.5		699 Btuh	
2		Wood - Adjac		19		9.2		175 Btuh	
		Door Total		59				874Btuh	
Ceilings	1	Type		Area X		HTM=		Load	
		Under Attic		2082		1.3		2707 Btuh	
Ceiling Total				2082				2707Btuh	
Floors	1	Type		Size X		HTM=		Load	
		Slab-On-Grade Edge Insul		192.0 ft(p)		30.8		5914 Btuh	
Floor Total				192				5914 Btuh	
Infiltration		Type		ACH X		Building Volume		CFM=	
		Natural		0.40		20820(sqft)		139	
		Mechanical						0	
		Infiltration Total						139	
									5813 Btuh

Totals for Heating		
Subtotal	Duct Loss(using duct multiplier of 0.05)	30654 Btuh
		1460 Btuh
		29195 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 - Manual 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

Erkinger Homes

Project Title:

231 NW Kelly Lake Ct

Lake City, FL

Code Only
Professional Version
Climate: North

Reference City: Jacksonville (User customized)

Summer Temperature Difference: 23.0 F 1/20/04

Window	Type	Panels/SHGC/U-Insh/Exsh Omt				Overhang	Window Area(sqft)	Shaded Unshaded		HTM	Load
		N	E	S	W			Gross	Shaded		
1	2, Clear, DEF, B, N	1.5	8	37.0	0.0	37.0	17	17	17	17	629 Btuh
2	2, Clear, DEF, B, N	1.5	8	131.0	20.4	110.6	48	17	17	48	5656 Btuh
3	2, Clear, DEF, B, N	1.5	8	38.0	38.0	0.0	26	17	17	26	646 Btuh
4	2, Clear, DEF, B, N	1.5	8	170.0	26.5	143.5	48	17	17	48	7340 Btuh
Window Total											
R-Value											
1	Frame - Exterior	11.0	876.0	2.4	1.6	11.0	Area	295.0	2.4	1.6	Load
2	Frame - Adjacent	11.0	876.0	2.4	1.6	11.0	Area	295.0	2.4	1.6	472 Btuh
Wall Total											
Type											
1	Door Total	1171.0	2574	2574	2574	1171.0	Area	2574	2574	2574	2574 Btuh
2	Wood - Exterior	12.3	491	491	491	12.3	Area	491	491	491	491 Btuh
1	Wood - Adjac	12.3	491	491	491	12.3	Area	491	491	491	233 Btuh
Door Total											
Type/Color											
1	Under Attic/Dark	30.0	2082.0	2082.0	2082.0	30.0	Area	2082.0	2082.0	1.6	Load
Ceiling Total											
Type											
1	Slab-On-Grade Edge Insulation	0.0	3248	3248	3248	0.0	Size	3248	3248	HTM	3248 Btuh
Floors											
Type											
1	Floor Total	192.0	0	0	0	192.0	Volume	0	0	CFM=	Load
Infiltration											
Type											
1	Natural	0.35	3079	3079	3079	0.35	ACH	3079	3079	121.7	0 Btuh
Infiltration Total											
Mechanical											
Infiltration Total											
Type											
1	Latent other gain	0	0	0	0	0	Latent other gain	0	0	0	0 Btuh
Internal gain											
Occupants											
Btuh/occupant											
X 300 +											
Appliance											
1200											
Load											
3000 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/Caperties(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Omt - compass orientation)

Totals for Cooling		Subtotal	26897 Btuh
Duct gain(using duct multiplier of 0.19)		2690 Btuh	
Total sensible gain		29586 Btuh	
Latent infiltration gain (for 49 gr. humidity difference)		4055 Btuh	
Latent occupant gain (6 people @ 230 Btuh per person)		1380 Btuh	
Latent other gain		0 Btuh	
TOTAL GAIN		35021 Btuh	