

Lot 1
Lot 2
Ruby Park

house on lot 1 septic on lot 2
lots 1 & 2 for permit for one dwelling

Columbia County Building Permit Application

For Office Use Only	Application #	0708-79	Date Received	8/31/07	By	LH	Permit #	1463/26311		
Application Approved by - Zoning Official	BLK	Date	9-6-07	Plans Examiner	OKTH	Date	9-6-07			
Flood Zone	A	Development Permit	N/A	Zoning	RSE/MH-2	Land Use Plan Map Category	Res. Low Dev.			
Comments	1st Floor to be 1 St above Rd.									
<input checked="" type="checkbox"/> NOC	<input checked="" type="checkbox"/> EH	<input type="checkbox"/> Deed or PA	<input type="checkbox"/> Site Plan	<input type="checkbox"/> State Road Info	<input type="checkbox"/> Parent Parcel #	<input type="checkbox"/> Development Permit				
Name Authorized Person Signing Permit	Linda or Melanie Roder					Phone	752-2281			
Address	387 SW Kemper Lake City FL 32024									
Owner Name	Allied Investment Group					Phone	386-365-7161			
911 Address	204 NW Guerdon St Lake City FL 32055									
Contractor Name	Rob Stewart					Phone	867-2059			
Address	507 W Duval Lake City FL 32055									
Fee Sample Owner Name & Address	N/A									
Bonding Co. Name & Address	N/A									
Architect/Engineer Name & Address	Will Myers / Mark Disosway									
Mortgage Lenders Name & Address	Columbia Bank									
Click the correct power company	FL Power & Light, Clay Elec. - Suwannee Valley Elec. - Progress Energy									
Property ID Number	20-35-17-65467-111 per plat					Estimated Cost of Construction	70K			
Subdivision Name	Ruby Park					Lot	42	Block	Init	Use
Drive Directions	N Hwy 441, Lon NW Guerdon St. on (C) 2nd before Sawyer Terr									
Type of Construction	SFD					Number of Existing Dwellings on Property	0			
Total acreage	Lot Size 0.365					Do you need a	Culvert Permit or Culvert Waiver or Leave an Existing Drive			
Actual Distance of Structure from Property Lines - Front	40'					Side	19'			
Total Building Height	14'-4"					Number of Stories	1			
Heated Floor Area	1096					Roof Pitch	6-12			
TOTAL 1168										
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.										
OWNER'S AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.										
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.										
Owner Builder or Authorized Person by Notarized Letter	Linda R. Roder					Contractor Signature	CBC 1252898			
STATE OF FLORIDA	Commission #DD30327					Contractors License Number	Competency Card Number			
COUNTY OF COLUMBIA	Expires: Mar 24, 2008					NOTARY STAMP/SEAL				
Sworn to (or affirmed) and subscribed before me	Atlantic Bonding Co., Inc.					Linda R. Roder				
this	day of					20		Notary Signature		(Revised Sept. 2006)
Personally known	or Produced Identification									

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Dan Magstadt - Lot 1	Builder:	Rob Stewart
Address:	Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8	Permitting Office:	Columbia
City State:	Lake City, FL 32055-	Permit Number:	26311
Owner:	Ruby Park Specs	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 27.0 kBtu/hr SEER: 11.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1096 ft²	a. Electric Heat Pump	Cap: 27.0 kBtu/hr HSPF: 6.80
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
or Single or Double DEFAULT) 7a(Sngle Default) 149.4 ft²		14. Hot water systems	
b. UFGC:	7b. (Clear) 149.4 ft²	a. Electric Resistance	Cap: 50.0 gallons EF: 0.90
(or Clear or Tint DEFAULT)		b. N/A	
8. Floor types		c. Conservation credits	
a. Slab-On-Grade Edge Insulation	R=0.0, 145.0(p) ft	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, _____
9. Wall types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Frame, Wood, Exterior	R=13.0, 970.6 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
d. N/A		MZ-H-Multizone heating)	
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1096.0 ft²		
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Re Unc. AH: Interior	Sup. R=6.0, 25.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 17886

Total base points: 19514

PASS

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

PREPARED BY: Justin H. [Signature]

DATE: 11-27-06

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

OWNER/AGENT: Justin H. [Signature]

DATE: 8-7-07

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**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055 PERMIT #:

BASE				AS-BUILT						
GLASS TYPES	Area X BSPM = Points			Type/SC	Overhang		Area X SPM X SOF = Points			
.18	Conditioned Floor Area				Omt	Len	Hgt			
.18	1096.0	20.04	3953.5	Single, Clear	W	1.5	8.0	30.0	43.84	0.96
				Single, Clear	E	6.5	8.0	30.0	47.92	0.57
				Single, Clear	E	1.5	8.0	15.0	47.92	0.96
				Single, Clear	S	1.5	8.0	2.7	40.81	0.92
				Single, Clear	S	1.5	8.0	9.0	40.81	0.92
				Single, Clear	S	1.5	8.0	15.0	40.81	0.92
				Single, Clear	N	1.5	8.0	45.0	21.73	0.97
				Single, Clear	N	1.5	8.0	2.7	21.73	0.97
				As-Built Total:		149.4				4774.2
WALL TYPES	Area X BSPM = Points			Type	R-Value		Area X SPM = Points			
Adjacent Exterior	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		970.6	1.50	1455.9	
Bas Total:	970.6		1650.0	As-Built Total:		970.6				1455.9
DOOR TYPES	Area X BSPM = Points			Type	R-Value		Area X SPM = Points			
Adjacent Exterior	0.0	0.00	0.0	Exterior Insulated	40.0		40.0	4.10	164.0	
Bas Total:	40.0		164.0	As-Built Total:		40.0				164.0
CEILING TYPES	Area X BSPM = Points			Type	R-Value		Area X SPM X SCM = Points			
Under Attic	1096.0	1.73	1896.1	Under Attic	30.0		1096.0	1.73 X 1.00	1896.1	
Bas Total:	1096.0		1896.1	As-Built Total:		1096.0				1896.1
FLOOR TYPES	Area X BSPM = Points			Type	R-Value		Area X SPM = Points			
Slab-on-Grade	145.0(p)	-37.0	-5365.0	Slab-On-Grade Edge Insulation	0.0		145.0(p)	-41.20	-5974.0	
Bas Total:			-5365.0	As-Built Total:		145.0				-5974.0
INfiltration	Area X BSPM = Points					Area X SPM = Points				
	1096.0	10.21	11190.2			1096.0	10.21	11190.2		

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055 PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 13488.8				Summer As-Built Points:						13506.3
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Cooling Points
3488.8	0.4266		5754.3	(sys 1: Central Unit 27000 btuh, SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R0.0(INS) 13506	1.00	(1.09 x 1.000 x 0.91)	0.310	0.950		3948.9
13488.8	0.4266		5754.3	13506.3	1.00	0.992	0.310	0.950		3948.9

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055 PERMIT #:

BASE			AS-BUILT				
Winter Base Points:		9331.2	Winter As-Built Points:				12366.1
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier = Heating Points
9331.2	0.6274	5854.4	(sys 1: Electric Heat Pump 27000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12366.1 1.000 (1.069 x 1.000 x 0.93) 0.501 0.950 5856.8	1.000	0.994	0.501	0.950
9331.2	0.6274	5854.4	12366.1	1.00	0.994	0.501	0.950 5856.8

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055 PERMIT #:

BASE				AS-BUILT						
WATER HEATING	Number of Bedrooms	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	Tank X Ratio	Multiplier X	Credit = Total Multiplier	Total
	3	2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00	8080.7
				As-Built Total:						8080.7

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
554		5854		7905 19514	3949		5857		8081 17886

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055 PERMIT #:

6A 61 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.	
Multistory 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 62 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 612.1.ABC.3.2. 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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.9

The higher the score, the more efficient the home.

Ruby Park Specs, Lot: , Sub: Ruby Park S/D, Plat: Lot 1, Block 8, Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 27.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1096 ft ²		
7. Glass type and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 27.0 kBtu/hr
(or Single or Double DEFAULT) 7a(Sngle Default)	149.4 ft ²		HSPF: 6.80
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear)	149.4 ft ²		
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 145.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 970.6 ft ²	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	PT,
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1096.0 ft ²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 25.0 ft		
b. N/A			

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.

1 P dominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCPB v4.1)

Energy Code Compliance

Duct System Performance Report

Project Name:	Dan Magstadt - Lot 1	Builder:	
Address:		Permitting Office:	
City State:	Lake City, FL 32055-	Permit Number:	
Owner:	Ruby Park Specs	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) <input type="checkbox"/> Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) <input type="checkbox"/> Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

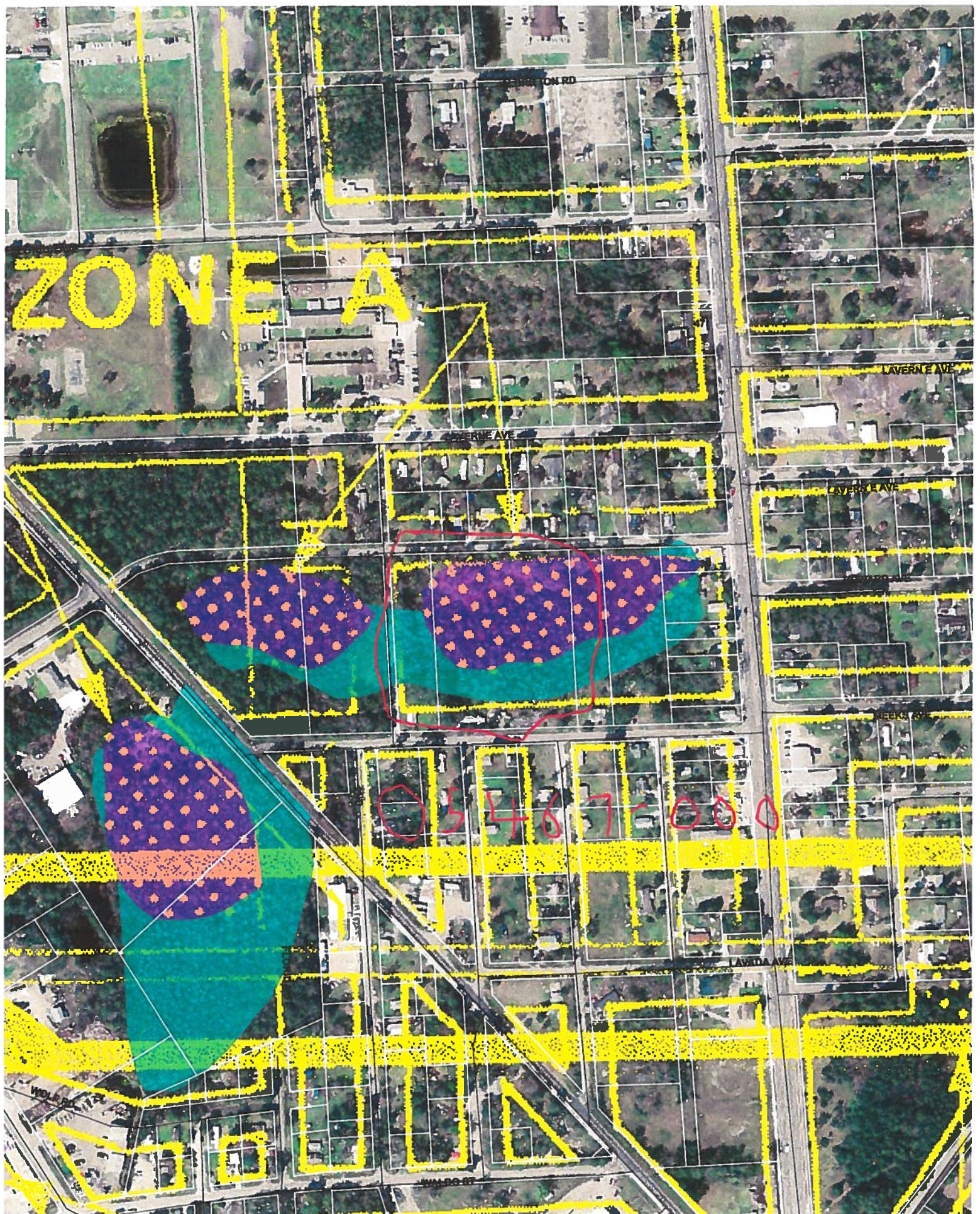
I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
 Printed Name: _____
 Florida Rater Certification #: _____
 Date: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>

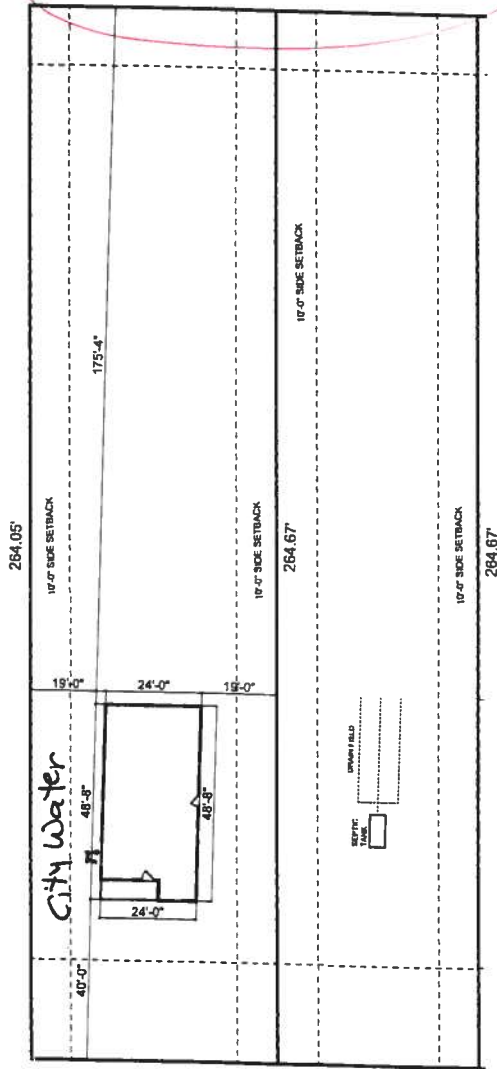


BUILDING OFFICIAL: _____
 DATE: _____



0708-79

Lot 1 Lot 2



SCALE 1" = 30'-0"

NW Guerdon St.



Columbia County Property Appraiser

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

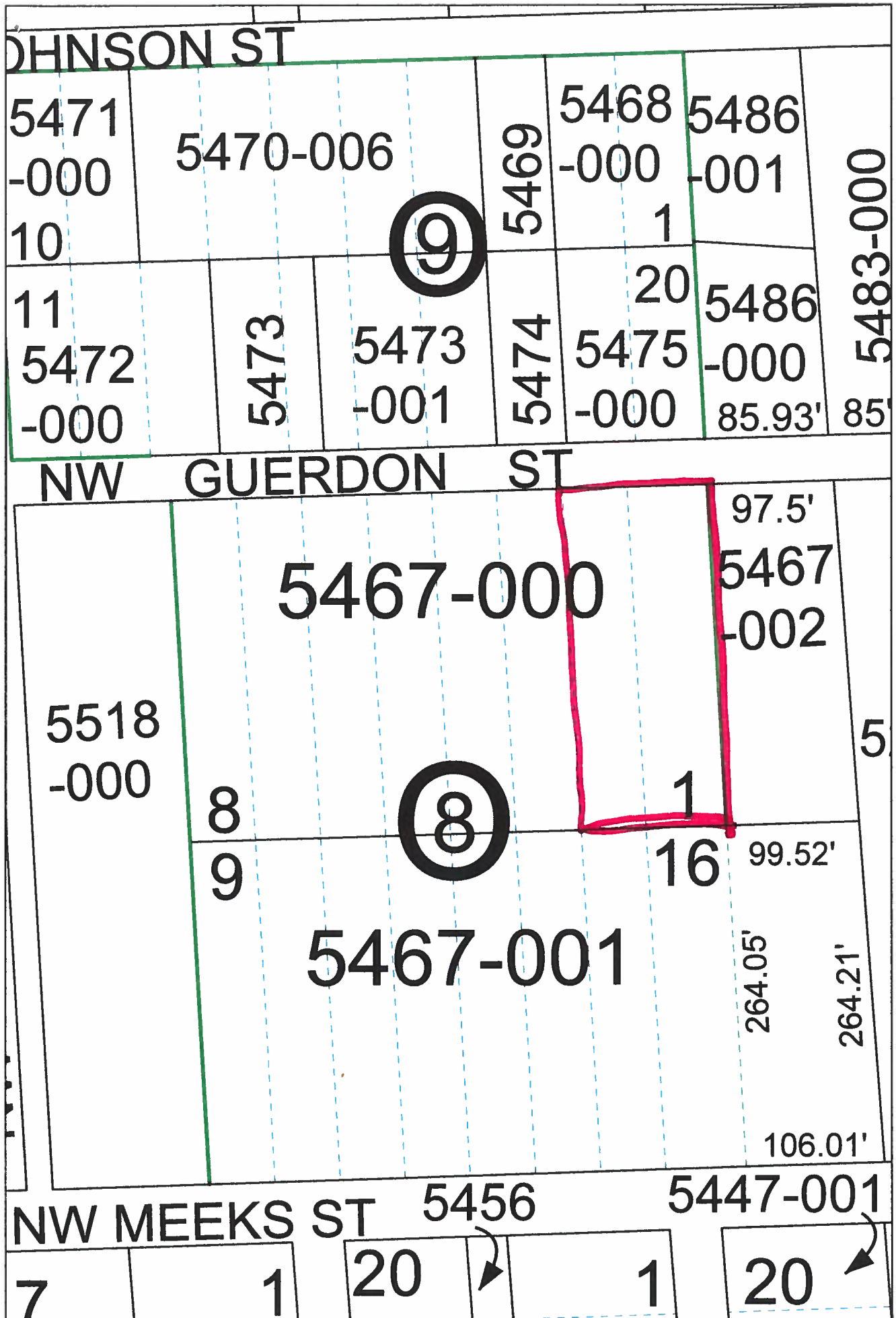
PARCEL: 20-3S-17-05467-000 - VACANT (000000)

Name:	ALLIED INVESTMENT GROUP INC	LandVal	\$19,275.00
Site:		BldgVal	\$0.00
Mail:	P O BOX 3182	ApprVal	\$19,275.00
	LAKE CITY, FL 32056	JustVal	\$19,275.00
Sales	7/14/2006 \$30,000.00 V / Q	Assd	\$19,275.00
Info	3/14/2006 \$10,000.00 V / U	Exmpt	\$0.00
	3/10/2004 \$25,500.00 I / Q	Taxable	\$19,275.00

0 68 136 204 ft



This information, GIS Map Updated: 8/2/2007, 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, its use, or its 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.



Prepared by and return to:

Home Town Title of North Florida
2744 US Highway 90 West
Lake City, FL 32055
386-754-7175
File Number: 2006-2522

[Space Above This Line For Recording Data]

Warranty Deed

This Warranty Deed made this 14th day of July, 2006 between **Howard Register** whose post office address is **543 NE Jacksonville Loop, Lake City, FL 32055**, grantor, and **Allied Investment Group, Inc** whose post office address is **P O Box 3182, Lake City, FL 32056-3182**, grantee:

(Whenever 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 corporations, trusts and trustees)

Witnesseth, that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in **Columbia County, Florida** to-wit:

Lots 1-8, Block 8, Ruby Park, according to the map or plat thereof as recorded in Plat Book 2, page 112, of the public records of Columbia County, Florida.

Parcel Identification Number: R05467-000

The land described herein is not the homestead of the grantor, and neither the grantor nor the grantor's spouse, nor anyone for whose support the grantor is responsible, resides on or adjacent to said land.

Together with all the 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, 2005**.

Inst:2006017627 Date:07/26/2006 Time:08:57

Doc Stamp-Deed : 210.00

210.00 DC, P. DeWitt Cason, Columbia County B:1090 P:2078

DoubleTime

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Kelly A. Register
Witness Name: Kelly A. Register

Howard Register (Seal)
Howard Register

Susan Shattler
Witness Name: Susan Shattler

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 14th day of July, 2006 by Howard Register, who ☐ is personally known or ☒ has produced a driver's license as identification.

[Notary Seal]

Susan Shattler
Notary Public

Printed Name: Susan Shattler

My Commission Expires: _____



Inst:2006017627 Date:07/26/2006 Time:08:57

Doc Stamp-Deed : 210.00

DC,P.DeWitt Cason,Columbia County B:1090 P:2079

FROM :

FAX NO. : 335-755-7822

Sep. 17 2002 01:52 PM P1

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4" & 6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 785-1234
FAX (904) 785-7822
904 NW Main Blvd.
LAKE CITY, FLORIDA 32056


June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm 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

**Notice of Intent for Preventative Treatment for Termites**

(As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc.
(386) 755-3611
State License # - JB109476
State Certification # - JF104376

Lot 1 Ruby Park NW Guerdon St. Lake City, Fl (Rob Stewart)

Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment – 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment – Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Michelle Fischer
Authorized Signature

8-3-07
Date

Notice of Authorization

I Rob Stewart, do hereby authorize Linda Roder or Melanie Roder,

to be my representative and act on my behalf in all aspects of applying for any

building permit to be located in Columbia county.

Any homeowner and legal description



Contractor's signature

7/31/07
Date

Lots 1 & 2 B34
Ruby Park

Sworn and subscribed before me this 31 day of July, 2007


Notary Public



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

My commission expires: _____
Commission No. _____
Personally known ☒ _____
Produced ID (Type): _____

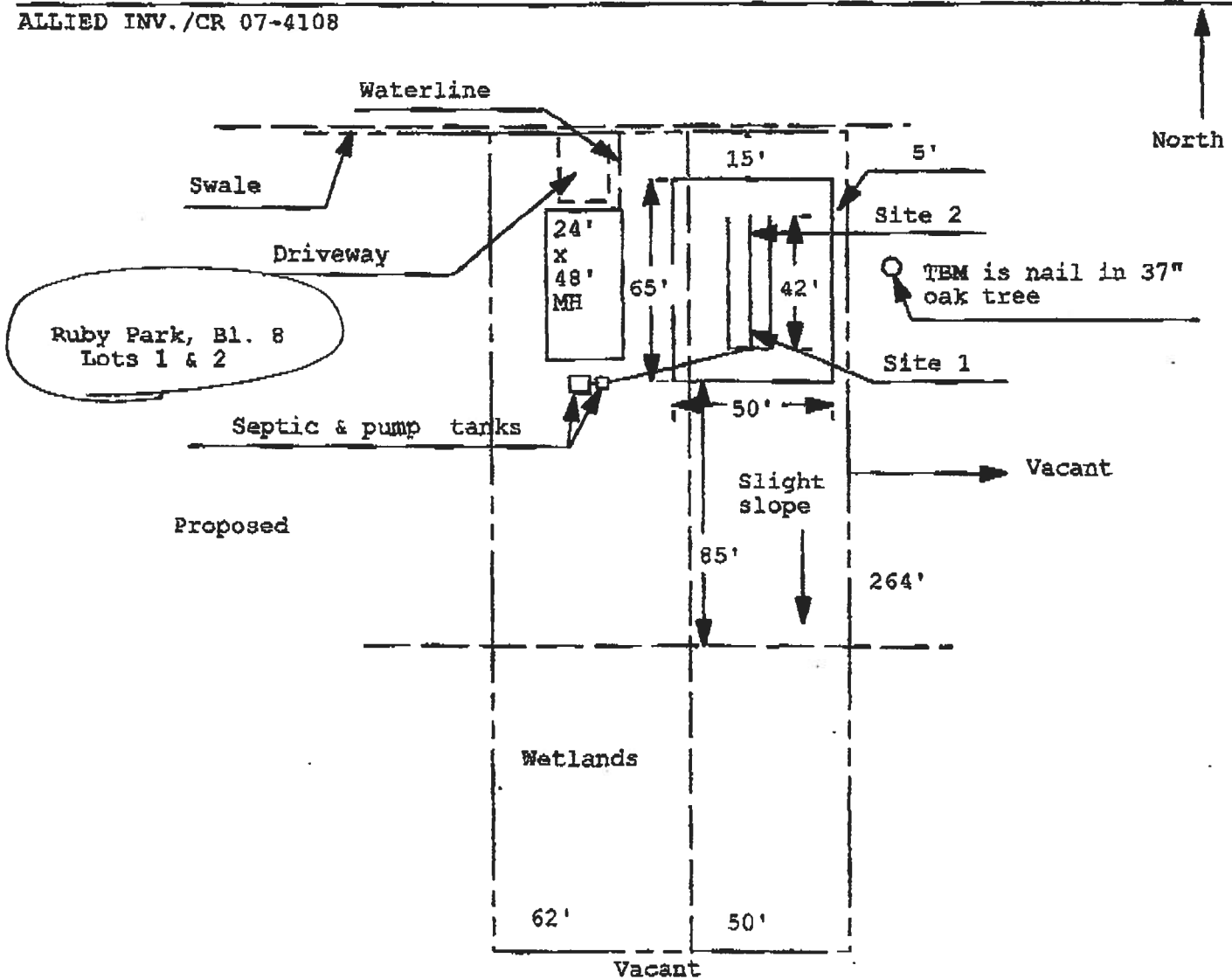
0708-79

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

Permit Application Number: 07-0732

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

ALLIED INV./CR 07-4108



1 inch = 50 feet

Site Plan Submitted By Paul Lepel Date 9/18/07
 Plan Approved ☒ Not Approved ☐ Date

By Mark S. Lander CPHU

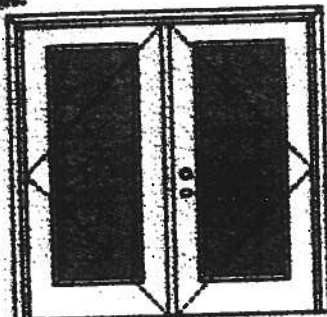
Notes: 10/4/07

XX

Glazed Caswing Unit

WOOD-EDGE STEEL DOORS

APPROVE / ARRANGEMENT:



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

Double Door
Minimum unit size - 6'0" x 6'6"

Design Pressure
+40.5/-40.5

Listed under various special threshold designs 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-section 1, state or local building codes specify the values required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVE DOOR STYLES:

1/4 GL/SS:



100 Series



120, 125 Series



130 Series



400 Series



412 Series

1/2 GL/SS:



100 Series



100, 100 Series



120 Series



200 Series



12 RA, 25 RA, 34 RA Series



107 Series



100 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 6-panel with scroll; Cyclone 5-panel; Cyclone 6-panel with scroll.

Johnson
Window Systems

March 2, 2000
Approved for use in product literature, sales, specifications, design and product
and only for the above specified uses.

PREMDORE
Premium Quality Doors

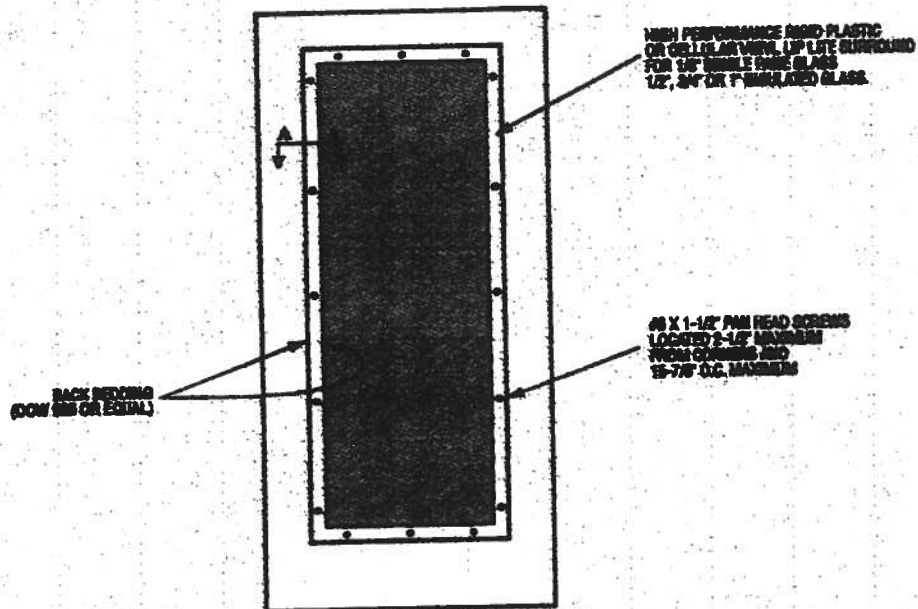


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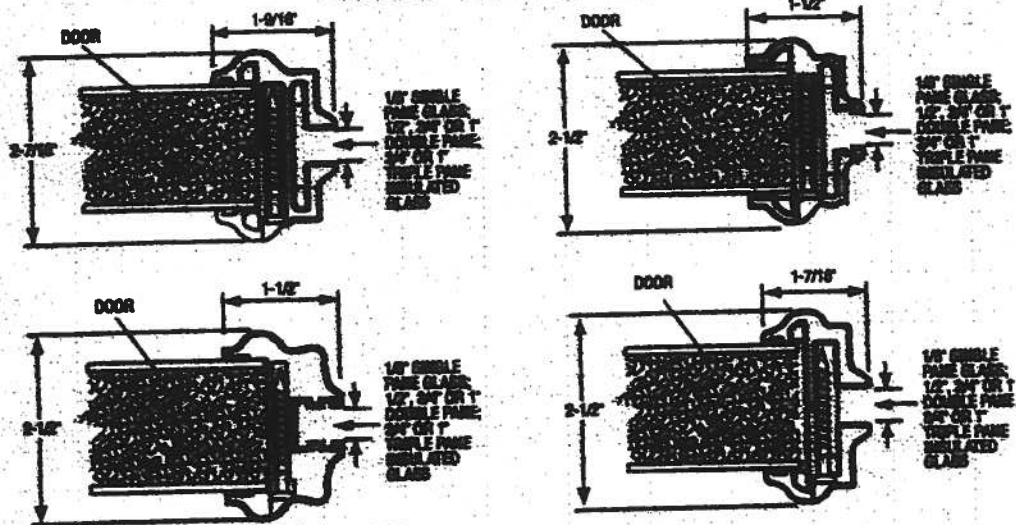
Masonite

Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID-PLASTIC LIP LITE SURROUND



March 23 2000
Our intent is to provide a general guide to the
design and construction of the product.

PRENDRE
Premium Quality Doors

Exclusively from
Masonite
Masonite International Corporation

XX

Glazed C utwing Unit

WOOD-EDGE STEEL DOORS**APPROXIMATE DOOR STYLES:****3/4 GLASS:**

400 Series



400 Series



400 Series

FULL GLASS:

100 Series



114, 120, 122 Series



100 Series



140 Series



210 Series

CERTIFICATION TEST REPORTS:

NCTL 210-1887-7, 8, 9, 10, 11, 12; NCTL 210-1884-5, 6, 7, 8; NCTL 210-2178-1, 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 sills 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. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame constructed of wood with an extruded aluminum bumper 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. Balhazor

State of Florida, Professional Engineer
Kurt Balhazor, P.E. - License Number 58533

Johanson
Dry Systems

March 2, 2002
On each dry program of product improvement review specifications, design and product
and each dry change without notice.

PREMOR
Premium Quality Doors



Exclusively from

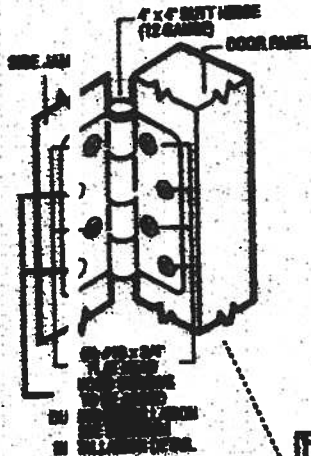
Masonite

Masonite International Corporation

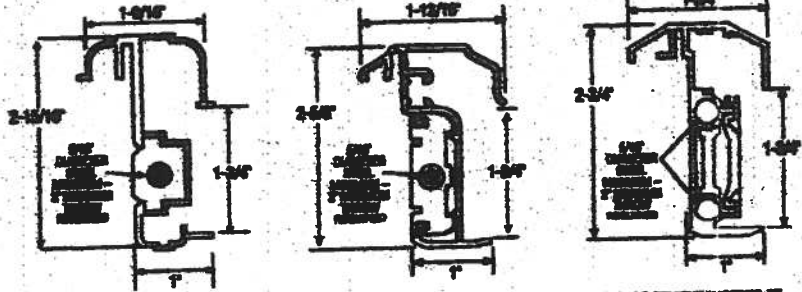
XX
Unit

OUTSWING UNITS WITH DOUBLE DOOR

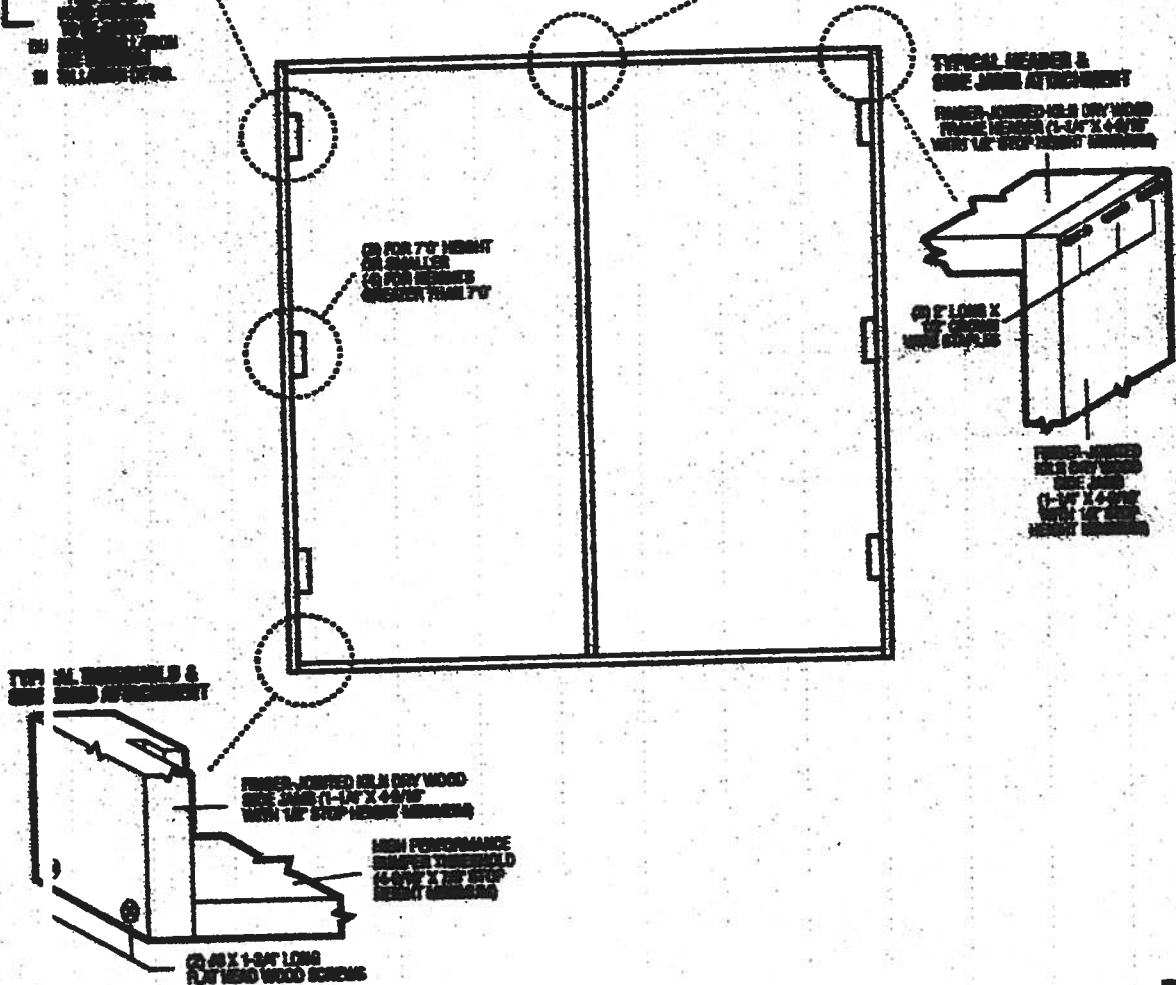
TYPICAL WIRE ATTACHMENT



TYPICAL ALUMINUM PROFILES



ALUMINUM EXTRUDED ALUMINUM ALLOY MINIMUM WALL THICKNESS WITH ADDED REINFORCEMENT WEAVING AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND OUTSIDE RAIL WEAVING AT LOWER LATCHING ATTACH WITH 20 X 1\"/>



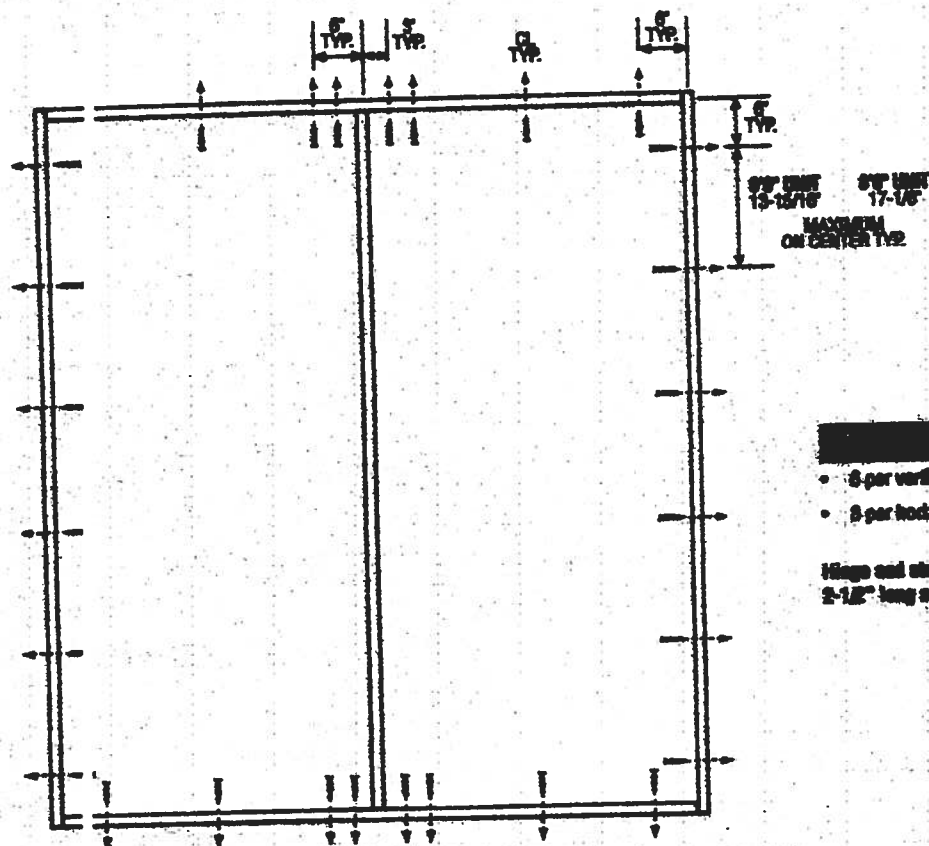
March 1, 2002
Current drawings of product represent current specifications.
designs / products that subject to change without notice.



Exclusively from
Masonite
Masonite International Corporation

XX
Unit

DOUBLE DOOR



- 3 per vertical framing member
- 3 per horizontal framing member

Wings and stile plates require two 2-1/2" long screws per location.

Fastening Hardware:

- Compliance requires that GRADE 2 or better (ANSI/ASMA A156.2) cylindrical and deadlock hardware be installed.

Note:

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

March 1, 2000
Current design of product dependent on sales specifications.
Design is preliminary subject to change without notice.



Shingle

FLORIDA DEPARTMENT OF Community Affairs

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- ▶ COMMUNITY PLANNING
- ▶ HOUSING & COMMUNITY DEVELOPMENT
- ▶ EMERGENCY MANAGEMENT
- ▶ OFFICE OF THE SECRETARY

FL # FL1956-R1
 Application Type Revision
 Code Version 2004
 Application Status Approved
 Comments
 Archived ☐

Product Manufacturer TAMKO Building Products, Inc.
 Address/Phone/Email PO Box 1404
 Joplin, MO 64802
 (800) 641-4691 ext 2394
 fred_oconnor@tamko.com

Authorized Signature Frederick J. O'Connor
 fred_oconnor@tamko.com

Technical Representative Frederick J. O'Connor
 Address/Phone/Email PO Box 1404
 Joplin, MO 64802
 (800) 641-4691
 fred_oconnor@tamko.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Roofing
Asphalt Shingles

Compliance Method

Certification Mark or Listing

Certification Agency

Underwriters Laboratories Inc.

Referenced Standard and Year (of
Standard)

Standard
ASTM D 3462

Year
2001

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

06/09/2005
06/20/2005
06/25/2005
06/29/2005

Summary of Products

FL #	Model, Number or Name	Description

slopes of 2:12 or greater. Not approved for use in HVHZ.

[Back](#)

[Next](#)

DCA Administration

***Department of Community Affairs
Florida Building Code Online
Codes and Standards***

***2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100***

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:***





4

Underwriters Laboratories
333 Pfingsten Rd.
Northbrook, IL 60062-2096 USA
www.ul.com
Tel: 1 847 272 8600

June 17, 2005

Tan ko Roofing Products
Ms. Kerri Eden
P.O. Box 1404
220 W. 4th Street
Joplin, MO 64802-1404

Our Reference: R2919

This is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Glass-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "Heritage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are UL Listed asphalt glass mat shingles and have been evaluated in accordance with ANSI/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 modified to 110 mph when secured with four nails.

Let me know if you have any further questions.

Very truly yours,

Alpesh Patel (Ext. 42522)
Engineer Project
Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division



Application Instructions for • HERITAGE® VINTAGE™ AR – Phillipsburg, KS LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

1. ROOF DECK

These shingles are for application to roof decks capable of receiving fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be re-roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

- 1 Vapor Condensation
- 2 Buckling of shingles due to deck movement.
- 3 Rotting of wood members.
- 4 Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION

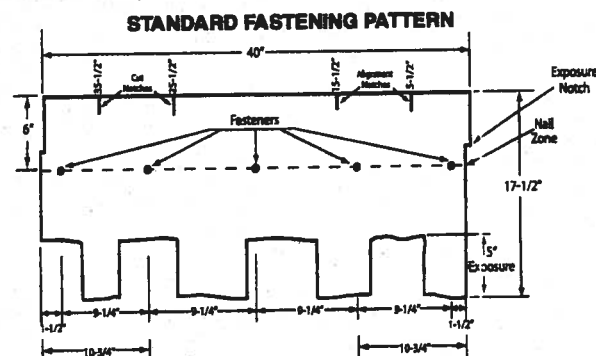
3. FASTENERS

WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

(Continued)

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7910 S. Central Exp., Dallas, TX 75216
5300 East 43rd Ave., Denver, CO 80216

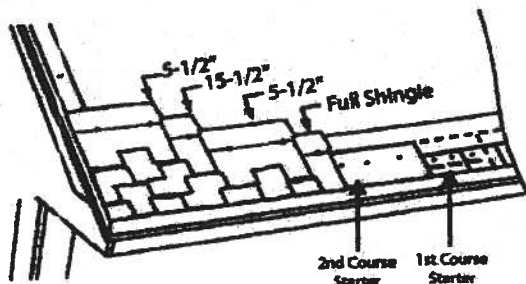
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800-228-2656
800-443-1834
800-530-8868

05/06

(CONTINUED from Pg. 2)

• **HERITAGE® VINTAGE™ AR** – Phillipsburg, NJ
LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



8. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION

TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

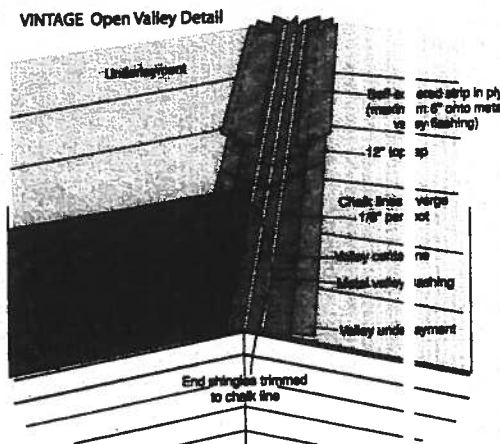
Following valley metal application; a 9" to 12" wide strip of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment should be applied along the edges of the metal valley flashing (max. 6" onto metal valley flashing) and on top of the valley underlayment. The valley will be completed with shingle application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VALLEY)

- Snap two chalk lines, one on each side of the valley over the full length of the valley flashing. Locate the centerline upper ends of the chalk lines 3" to either side of the valley centerline.
- The lower end should diverge from each other by 1 3" per foot. Thus, for an 8' long valley, the chalk lines should be 7" either side of the centerline at the eaves and for a 16' valley 14" either side of the centerline.

As shingles are applied toward the valley, trim the last course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim the adjacent shingle in the course to allow a long portion to be used.

- Clip 1" from the upper corner of each shingle on a 45° angle to direct water into the valley and prevent it from penetrating between the courses.
- Form a tight seal by cementing the shingle to the valley lining with a 3" width of asphalt plastic cement (conforming to ASTM D 4586).



• CAUTION:

CAUTION:
Adhesive must be applied in smooth, thin, even layer:

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)

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(CONTINUED from Pg. 3)

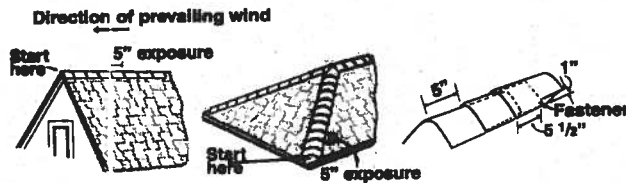
• HERITAGE® VINTAGE™ AR – Phillipsburg, I.S LAMINATED ASPHALT SHINGLES

3. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.



THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

TAMKO®, Moisture Guard Plus®, Nail Fast® and Heritage® are registered trademarks and Vintage™ is a trademark of TAMKO Building Products, Inc.

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JP6 35



Product Approval
USER: Public User

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Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL # FL5108

Application Type
New

Code Version 2004

Application Status	Approved
Application Status	Approved

Comments

Archived

Product Manufacturer
Address/Phone/Email

MI Windows and Doors

650 W Market St
Graz, PA 17030
(717) 365-3300 ext 2101
sunrich@miwd.com

Authorized Signature

Steven Urich
surich@miwd.com

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email



Validator / Operations Administrator

AAMA CERTIFICATION PROGRAM



AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

- The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION		RECORD OF PRODUCT TESTED				LABEL ORDER NO.
A/ HANNAIDA 101/L.S. 2-87 H-RSS-38482						
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		By Request	
MI Window s & Doors, Inc. (Didermar, FL) MI Window s & Doors, Inc. (Bryana, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(OD)(OG) (ASTM)	FRAME 20' x 52'	SASH 210' x 27'		

- This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.
- Product Tested and Reported by: Architectural Testing, Inc.
Report No.: 01-50380.02
Date of Report: June 14, 2004

NOTE: PLEASE REVIEW,
AND ADVISE: ALL IMMEDIATELY
IF DATA, / / SHOWN, NEEDS
CORRECTION.

Date: August 1, 2005

cc: AAMA
JGS/dt
ACP-04 (Rev. 5/03)

Validated for Certification:

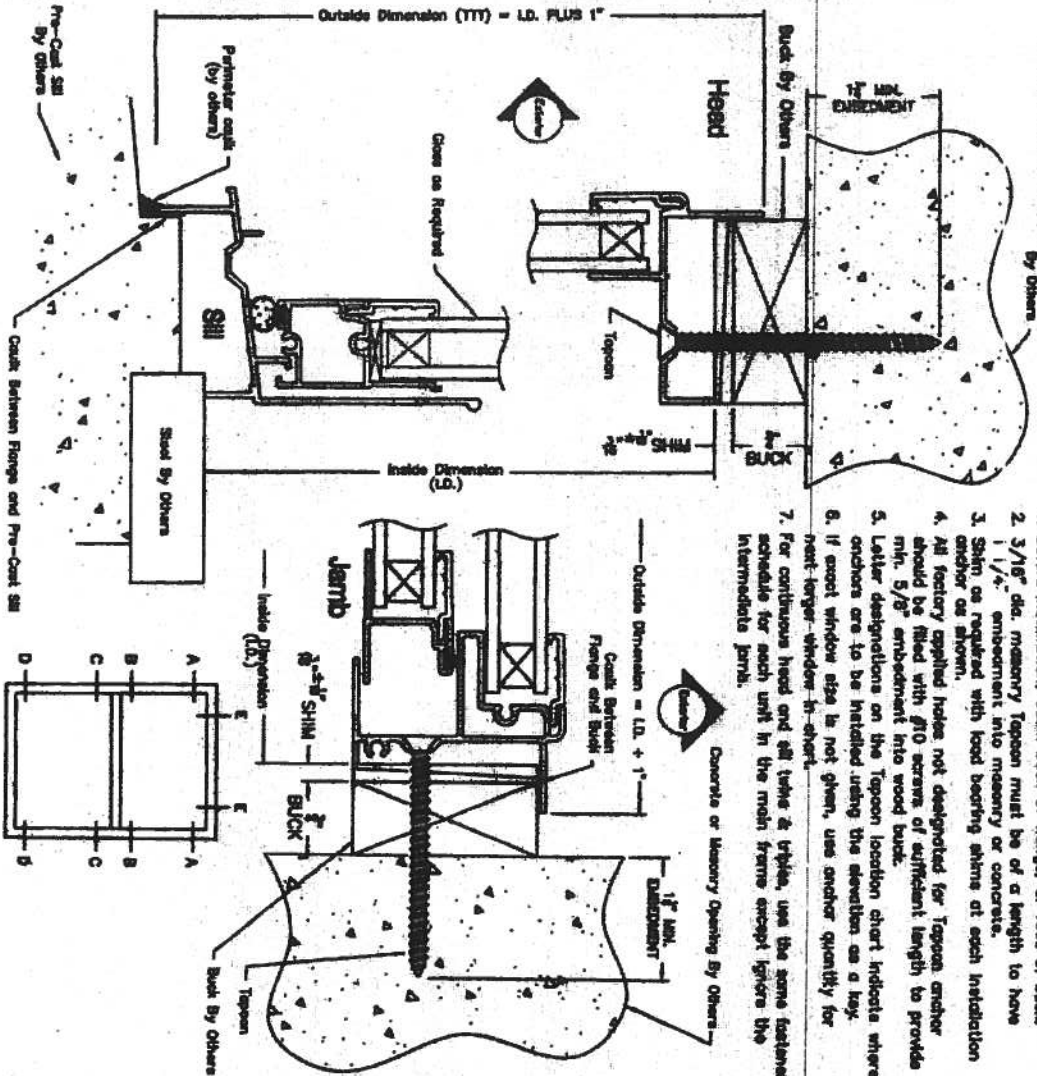
John B. Stith
Associated Laboratories, Inc.

Authorized for Certification:

Dean Lewis
American Architectural Manufacturers Association

ONE BY (3/4) BUCKS (SHOWN)

1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Topcon must be of a length to have 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Topcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Topcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill take a triple, use the same fastener schedule for each unit in the main frame except ignore the intermediate joints.



TWO BY (1 1/2) BUCKS

TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

TOPCON LOCATION CHART

CODE SIZE	WINDOW ID SIZE	FASNER LOCATIONS			
		UP TO OVER	DOWN TO OVER	DOWN TO OVER	DOWN TO OVER
12	12 1/8 x 25 3/4	A	B	C	D
14	14 1/8 x 25 3/4	A	B	C	D
16	16 1/8 x 25 3/4	A	B	C	D
18	18 1/8 x 25 3/4	A	B	C	D
20	20 1/8 x 25 3/4	A	B	C	D
22	22 1/8 x 25 3/4	A	B	C	D
24	24 1/8 x 25 3/4	A	B	C	D
26	26 1/8 x 25 3/4	A	B	C	D
28	28 1/8 x 25 3/4	A	B	C	D
30	30 1/8 x 25 3/4	A	B	C	D
32	32 1/8 x 25 3/4	A	B	C	D
34	34 1/8 x 25 3/4	A	B	C	D
36	36 1/8 x 25 3/4	A	B	C	D
38	38 1/8 x 25 3/4	A	B	C	D
40	40 1/8 x 25 3/4	A	B	C	D
42	42 1/8 x 25 3/4	A	B	C	D
44	44 1/8 x 25 3/4	A	B	C	D
46	46 1/8 x 25 3/4	A	B	C	D
48	48 1/8 x 25 3/4	A	B	C	D
50	50 1/8 x 25 3/4	A	B	C	D
52	52 1/8 x 25 3/4	A	B	C	D
54	54 1/8 x 25 3/4	A	B	C	D
56	56 1/8 x 25 3/4	A	B	C	D
58	58 1/8 x 25 3/4	A	B	C	D
60	60 1/8 x 25 3/4	A	B	C	D
62	62 1/8 x 25 3/4	A	B	C	D
64	64 1/8 x 25 3/4	A	B	C	D
66	66 1/8 x 25 3/4	A	B	C	D
68	68 1/8 x 25 3/4	A	B	C	D
70	70 1/8 x 25 3/4	A	B	C	D
72	72 1/8 x 25 3/4	A	B	C	D
74	74 1/8 x 25 3/4	A	B	C	D
76	76 1/8 x 25 3/4	A	B	C	D
78	78 1/8 x 25 3/4	A	B	C	D
80	80 1/8 x 25 3/4	A	B	C	D
82	82 1/8 x 25 3/4	A	B	C	D
84	84 1/8 x 25 3/4	A	B	C	D
86	86 1/8 x 25 3/4	A	B	C	D
88	88 1/8 x 25 3/4	A	B	C	D
90	90 1/8 x 25 3/4	A	B	C	D
92	92 1/8 x 25 3/4	A	B	C	D
94	94 1/8 x 25 3/4	A	B	C	D
96	96 1/8 x 25 3/4	A	B	C	D
98	98 1/8 x 25 3/4	A	B	C	D
100	100 1/8 x 25 3/4	A	B	C	D

MI HOME PRODUCTS

GRAZ, PA

185/3185 SHIRT HUNG FRAME FRAME
INSTALLATION DETAILS & FASTENER SCHEDULE

"TAPCON" TYPE WIDENED MASONRY SCREWS INCLUDE TAPCON, RANK, & SHAFER

A	REWORK ALL INSTALLATION ANCHOR SIZES	7/16" x 12"
1	1/2" x 12"	1/2" x 12"
2	3/4" x 12"	3/4" x 12"
3	1" x 12"	1" x 12"
4	1 1/4" x 12"	1 1/4" x 12"
5	1 1/2" x 12"	1 1/2" x 12"
6	1 3/4" x 12"	1 3/4" x 12"
7	2" x 12"	2" x 12"
8	2 1/4" x 12"	2 1/4" x 12"
9	2 1/2" x 12"	2 1/2" x 12"
10	2 3/4" x 12"	2 3/4" x 12"
11	3" x 12"	3" x 12"
12	3 1/4" x 12"	3 1/4" x 12"
13	3 1/2" x 12"	3 1/2" x 12"
14	3 3/4" x 12"	3 3/4" x 12"
15	4" x 12"	4" x 12"
16	4 1/4" x 12"	4 1/4" x 12"
17	4 1/2" x 12"	4 1/2" x 12"
18	4 3/4" x 12"	4 3/4" x 12"
19	5" x 12"	5" x 12"
20	5 1/4" x 12"	5 1/4" x 12"
21	5 1/2" x 12"	5 1/2" x 12"
22	5 3/4" x 12"	5 3/4" x 12"
23	6" x 12"	6" x 12"
24	6 1/4" x 12"	6 1/4" x 12"
25	6 1/2" x 12"	6 1/2" x 12"
26	6 3/4" x 12"	6 3/4" x 12"
27	7" x 12"	7" x 12"
28	7 1/4" x 12"	7 1/4" x 12"
29	7 1/2" x 12"	7 1/2" x 12"
30	7 3/4" x 12"	7 3/4" x 12"
31	8" x 12"	8" x 12"
32	8 1/4" x 12"	8 1/4" x 12"
33	8 1/2" x 12"	8 1/2" x 12"
34	8 3/4" x 12"	8 3/4" x 12"
35	9" x 12"	9" x 12"
36	9 1/4" x 12"	9 1/4" x 12"
37	9 1/2" x 12"	9 1/2" x 12"
38	9 3/4" x 12"	9 3/4" x 12"
39	10" x 12"	10" x 12"
40	10 1/4" x 12"	10 1/4" x 12"
41	10 1/2" x 12"	10 1/2" x 12"
42	10 3/4" x 12"	10 3/4" x 12"
43	11" x 12"	11" x 12"
44	11 1/4" x 12"	11 1/4" x 12"
45	11 1/2" x 12"	11 1/2" x 12"
46	11 3/4" x 12"	11 3/4" x 12"
47	12" x 12"	12" x 12"
48	12 1/4" x 12"	12 1/4" x 12"
49	12 1/2" x 12"	12 1/2" x 12"
50	12 3/4" x 12"	12 3/4" x 12"
51	13" x 12"	13" x 12"
52	13 1/4" x 12"	13 1/4" x 12"
53	13 1/2" x 12"	13 1/2" x 12"
54	13 3/4" x 12"	13 3/4" x 12"
55	14" x 12"	14" x 12"
56	14 1/4" x 12"	14 1/4" x 12"
57	14 1/2" x 12"	14 1/2" x 12"
58	14 3/4" x 12"	14 3/4" x 12"
59	15" x 12"	15" x 12"
60	15 1/4" x 12"	15 1/4" x 12"
61	15 1/2" x 12"	15 1/2" x 12"
62	15 3/4" x 12"	15 3/4" x 12"
63	16" x 12"	16" x 12"
64	16 1/4" x 12"	16 1/4" x 12"
65	16 1/2" x 12"	16 1/2" x 12"
66	16 3/4" x 12"	16 3/4" x 12"
67	17" x 12"	17" x 12"
68	17 1/4" x 12"	17 1/4" x 12"
69	17 1/2" x 12"	17 1/2" x 12"
70	17 3/4" x 12"	17 3/4" x 12"
71	18" x 12"	18" x 12"
72	18 1/4" x 12"	18 1/4" x 12"
73	18 1/2" x 12"	18 1/2" x 12"
74	18 3/4" x 12"	18 3/4" x 12"
75	19" x 12"	19" x 12"
76	19 1/4" x 12"	19 1/4" x 12"
77	19 1/2" x 12"	19 1/2" x 12"
78	19 3/4" x 12"	19 3/4" x 12"
79	20" x 12"	20" x 12"
80	20 1/4" x 12"	20 1/4" x 12"
81	20 1/2" x 12"	20 1/2" x 12"
82	20 3/4" x 12"	20 3/4" x 12"
83	21" x 12"	21" x 12"
84	21 1/4" x 12"	21 1/4" x 12"
85	21 1/2" x 12"	21 1/2" x 12"
86	21 3/4" x 12"	21 3/4" x 12"
87	22" x 12"	22" x 12"
88	22 1/4" x 12"	22 1/4" x 12"
89	22 1/2" x 12"	22 1/2" x 12"
90	22 3/4" x 12"	22 3/4" x 12"
91	23" x 12"	23" x 12"
92	23 1/4" x 12"	23 1/4" x 12"
93	23 1/2" x 12"	23 1/2" x 12"
94	23 3/4" x 12"	23 3/4" x 12"
95	24" x 12"	24" x 12"
96	24 1/4" x 12"	24 1/4" x 12"
97	24 1/2" x 12"	24 1/2" x 12"
98	24 3/4" x 12"	24 3/4" x 12"
99	25" x 12"	25" x 12"
100	25 1/4" x 12"	25 1/4" x 12"

MI HOME PRODUCTS
GRAZ, PA
185/3185 SHIRT HUNG FRAME FRAME
INSTALLATION DETAILS & FASTENER SCHEDULE

Residential System Sizing Calculation

Summary

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

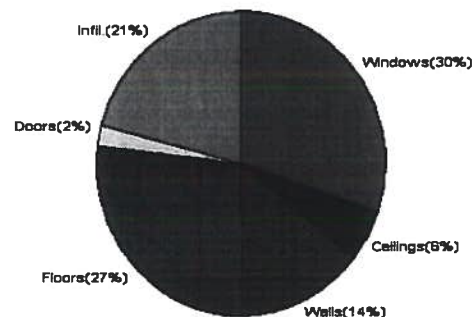
11/27/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	23083 Btuh	Total cooling load calculation	23880 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.0 27000	Sensible (SHR = 0.75)	106.9 20250
Heat Pump + Auxiliary(0.0kW)	117.0 27000	Latent	136.7 6750
		Total (Electric Heat Pump)	113.1 27000

WINTER CALCULATIONS

Winter Heating Load (for 1096 sqft)

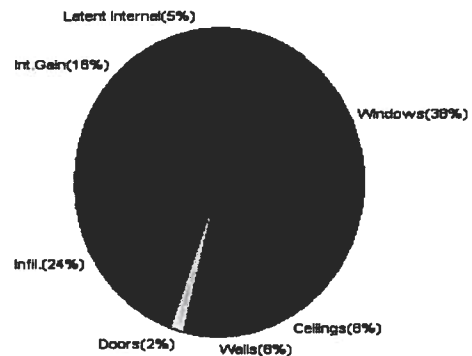
Load component	Load
Window total 149 sqft	7020 Btuh
Wall total 971 sqft	3188 Btuh
Door total 40 sqft	518 Btuh
Ceiling total 1096 sqft	1291 Btuh
Floor total 145 sqft	6331 Btuh
Infiltration 117 cfm	4735 Btuh
Duct loss	0 Btuh
Subtotal	23083 Btuh
Ventilation 0 cfm	0 Btuh
TOTAL HEAT LOSS	23083 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1096 sqft)

Load component	Load
Window total 149 sqft	9027 Btuh
Wall total 971 sqft	2024 Btuh
Door total 40 sqft	392 Btuh
Ceiling total 1096 sqft	1815 Btuh
Floor total	0 Btuh
Infiltration 102 cfm	1904 Btuh
Internal gain	3780 Btuh
Duct gain	0 Btuh
Sens. Ventilation 0 cfm	0 Btuh
Total sensible gain	18942 Btuh
Latent gain(ducts)	0 Btuh
Latent gain(infiltration)	3738 Btuh
Latent gain(ventilation)	0 Btuh
Latent gain(internal/occupants/other)	1200 Btuh
Total latent gain	4938 Btuh
TOTAL HEAT GAIN	23880 Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: *11-27-06*

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

11/27/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	W	30.0		47.0	1410 Btuh
2	1, Clear, Metal, 1.27	E	30.0		47.0	1410 Btuh
3	1, Clear, Metal, 1.27	E	15.0		47.0	705 Btuh
4	1, Clear, Metal, 1.27	S	2.7		47.0	127 Btuh
5	1, Clear, Metal, 1.27	S	9.0		47.0	423 Btuh
6	1, Clear, Metal, 1.27	S	15.0		47.0	705 Btuh
7	1, Clear, Metal, 1.27	N	45.0		47.0	2115 Btuh
8	1, Clear, Metal, 1.27	N	2.7		47.0	127 Btuh
Window Total			149(sqft)			7020 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	971		3.3	3188 Btuh
Wall Total			971			3188 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
Door Total			40			518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1096		1.2	1291 Btuh
Ceiling Total			1096			1291 Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	145.0	ft(p)	43.7	6331 Btuh
Floor Total			145			6331 Btuh
Zone Envelope Subtotal:						18348 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	8768	116.9		4735 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					23083 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	23083 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	23083 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear ()
(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)

For Florida residences only



System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

11/27/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	1, Clear, Metal, 1.27	W	30.0		47.0	1410 Btuh
2	1, Clear, Metal, 1.27	E	30.0		47.0	1410 Btuh
3	1, Clear, Metal, 1.27	E	15.0		47.0	705 Btuh
4	1, Clear, Metal, 1.27	S	2.7		47.0	127 Btuh
5	1, Clear, Metal, 1.27	S	9.0		47.0	423 Btuh
6	1, Clear, Metal, 1.27	S	15.0		47.0	705 Btuh
7	1, Clear, Metal, 1.27	N	45.0		47.0	2115 Btuh
8	1, Clear, Metal, 1.27	N	2.7		47.0	127 Btuh
Window Total			149(sqft)			7020 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	971		3.3	3188 Btuh
Wall Total			971			3188 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
Door Total			40			518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1096		1.2	1291 Btuh
Ceiling Total			1096			1291 Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	145.0	ft(p)	43.7	6331 Btuh
Floor Total			145			6331 Btuh
Zone Envelope Subtotal:						18348 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	8768	116.9		4735 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					23083 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	23083 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	23083 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear ()
(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)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

11/27/2006

Component Loads for Whole House

Window	Type*	Ormt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	30.0	0.0	30.0	37	94	2821	Btuh
2	1, Clear, 1.27, None,N,N	E	6.5ft	8ft.	30.0	14.4	15.6	37	94	2008	Btuh
3	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	37	94	1411	Btuh
4	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	2.7	2.7	0.0	37	43	101	Btuh
5	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	9.0	9.0	0.0	37	43	337	Btuh
6	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	15.0	15.0	0.0	37	43	562	Btuh
7	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	45.0	0.0	45.0	37	37	1685	Btuh
8	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	2.7	0.0	2.7	37	37	101	Btuh
Window Total					149 (sqft)					9027 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			970.6			2.1		2024 Btuh	
Wall Total					971 (sqft)					2024 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Exterior				40.0			9.8		392 Btuh	
Door Total					40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1096.0			1.7		1815 Btuh	
Ceiling Total					1096 (sqft)					1815 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	0.0			145 (ft(p))			0.0		0 Btuh	
Floor Total					145.0 (sqft)					0 Btuh	
Zone Envelope Subtotal:										13258 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
SensibleNatural		0.70			8768			102.3		1904 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
		6			X 230 +			2400		3780 Btuh	
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										18942 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

11/27/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18942 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18942 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18942 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3738 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4938 Btuh
	TOTAL GAIN	23880 Btuh

*Key: Window types (Pn - Number of panes of glass)

(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(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

11/27/2006

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	1, Clear, 1.27, None,N,N	W	1.5ft	8ft.	30.0	0.0	30.0	37	94	2821	Btuh
2	1, Clear, 1.27, None,N,N	E	6.5ft	8ft.	30.0	14.4	15.6	37	94	2008	Btuh
3	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	37	94	1411	Btuh
4	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	2.7	2.7	0.0	37	43	101	Btuh
5	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	9.0	9.0	0.0	37	43	337	Btuh
6	1, Clear, 1.27, None,N,N	S	1.5ft	8ft.	15.0	15.0	0.0	37	43	562	Btuh
7	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	45.0	0.0	45.0	37	37	1685	Btuh
8	1, Clear, 1.27, None,N,N	N	1.5ft	8ft.	2.7	0.0	2.7	37	37	101	Btuh
Window Total					149 (sqft)					9027 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			970.6			2.1		2024 Btuh	
Wall Total					971 (sqft)					2024 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Exterior				40.0			9.8		392 Btuh	
Door Total					40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1096.0			1.7		1815 Btuh	
Ceiling Total					1096 (sqft)					1815 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	0.0			145 (ft(p))			0.0		0 Btuh	
Floor Total					145.0 (sqft)					0 Btuh	
Zone Envelope Subtotal:										13258 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
SensibleNatural		0.70			8768			102.3		1904 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
		6			X 230 +			2400		3780 Btuh	
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										18942 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

11/27/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18942 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18942 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18942 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3738 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4938 Btuh
	TOTAL GAIN	23880 Btuh

*Key: Window types (Pn - Number of panes of glass)

(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(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Ruby Park Specs

Project Title:
Dan Magstadt - Lot 1

Code Only
Professional Version
Climate: North

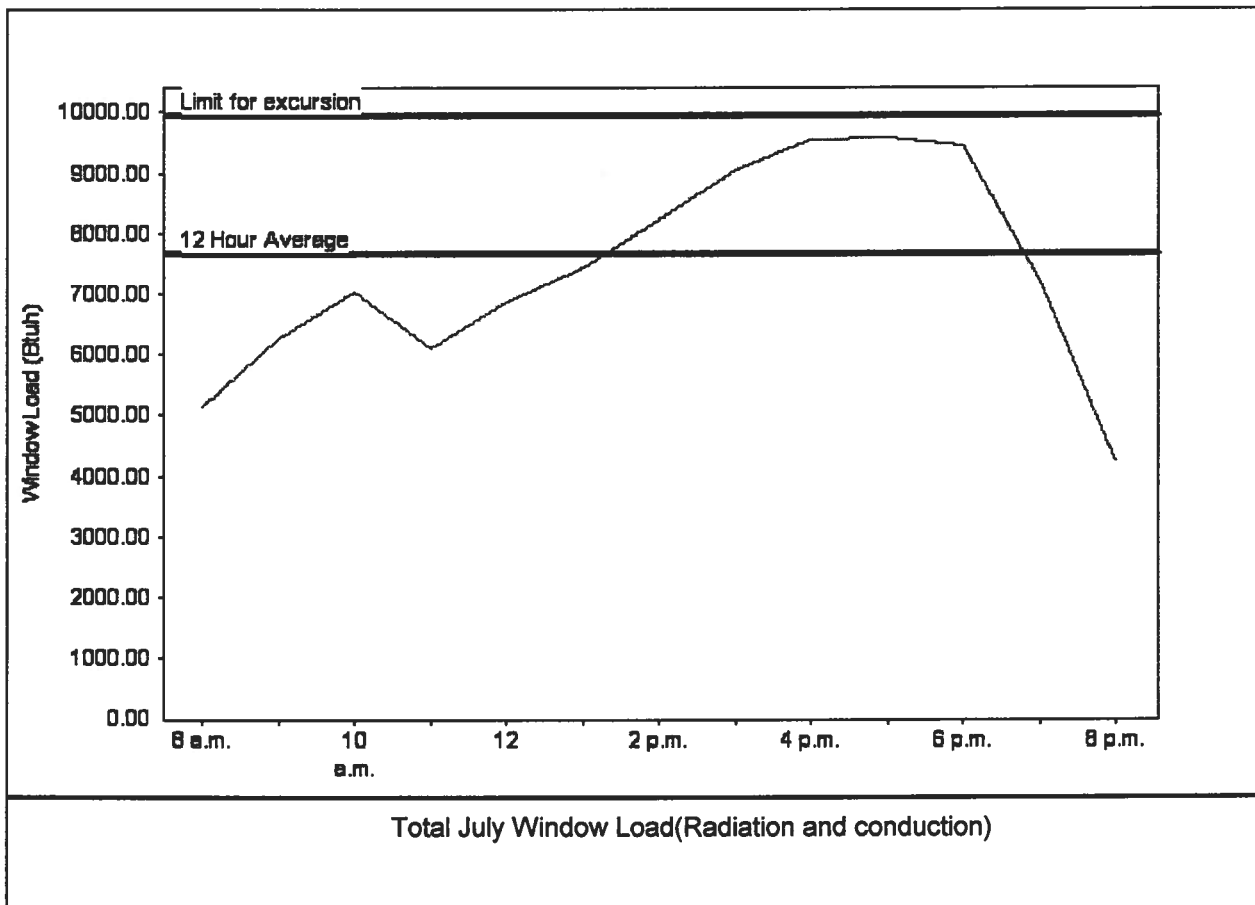
Lake City, FL 32055-

11/27/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	7662 Btuh
Summer setpoint	75 F	Peak window load for July	9580 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	9960 Btuh
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.1



26311

THIS INSTRUMENT PREPARED BY
& RETURN TO:
Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055

Inst: 200712023084 Date: 10/15/2007 Time: 9:52 AM
DC, P DeWitt Cason, Columbia County Page 1 of 1

NOTICE OF COMMENCEMENT

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:

1. Description of Property: Lots 1 & 2 Block 8 Ruby Park SD according to the map or plat thereof as recorded in PB 2 Page 112, Tax Parcel # 20-35-17-05467-000 (lots 1-8 covered by this #) of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Construction of a single family dwelling.
3. Owner Information: Allied Investment Group, Inc
343 SW Erin Glen
Lake City, FL 32024
Phone: 386-365-7161
- Owner's Interest in Property: Fee Simple
4. Contractor: Allied Investment Group, Inc
343 SW Erin Glen
Lake City, FL 32024
Phone: 386-365-7161
5. Lender: Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055
6. Additional persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
7. Expiration date of Notice of Commencement: One (1) year from the date of recording.

Allied Investment Group, Inc.

Dan Magstadt, President

Emily Magstadt, Vice President

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 2nd day of October, 2007 by
Dan Magstadt, President and Emily Magstadt, Vice President of Allied Investment Group, Inc.

NOTARY PUBLIC

Name: _____

State of Florida at Large

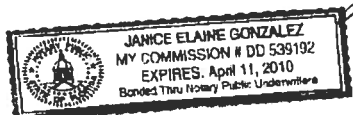
(SEAL)

Personally Known: _____

Produced Identification: _____

Type: _____

My Commission Expires: _____



(NOC)

Columbia County Building Department Culvert Permit

Culvert Permit No.

000001463

DATE 10/04/2007 PARCEL ID # 20-3S-17-05467-101 011 *per chudew/PA*
APPLICANT LINDA RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024
OWNER ALLIED INVESTMENT GROUP PHONE 365-7161
ADDRESS 204 NW GUERDON ST LAKE CITY FL 32055
CONTRACTOR ROB STEWART PHONE 867-2059
LOCATION OF PROPERTY 441N. TL ON GUERDON ST. 2ND BEFORE SAWYER TERR ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RUBY PARK 1

SIGNATURE *Linda Roder*

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length 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 INSTALLATION 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, FLORIDA

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 20-3S-17-05467-01

Building permit No. 000026311

Use Classification SFD, UTILITY

Fire: 44.94

Permit Holder ROB STEWART

Waste: 117.25

Owner of Building ROB STEWART

Total: 162.19

Location: 204 NW GUERDON ST., LAKE CITY, FL

Date: 03/10/2008

[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)