Talked to linde 3 -16-06

Columbia County Building Permit Application Date Received 3/16 For Office Use Only Application # (%) 3-3 By Permit # /0/2 Application Approved by - Zoning Official (LLK Date 15. 03.06 Plans Examiner OK 57H Date Zoning RSF-2 Land Use Plan Map Category RES Development Permit Comments **Applicants Name Owners Name** Phone Fee Simple Owner Name & Address Bonding Co. Name & Address Architect/Engineer Name & Address ley KitaD+ Morigage Lenders Name & Address Circle the correct power company - FL Power & Light - Clay Flec. - Suwannee Valley Flec. -**Progressive Energy** Property ID Number do **Estimated Cost of Construction** Subdivision Name Unit Phase **Driving Directions** Type of Construction Number of Existing Dwellings on Property Total Acreage 137ª Do you need a Culvert Permit or Culvert Walver or Have an Existing Drive Actual Distance of Structure from Property Lines - Front 1200 Total Building Height 23-4" Number of Stories Heated Floor Area **Roof Plich** Porches 516 TOTAL 3994 Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. Owner Builder or Agent (Including Contractor)Commission #DD303275 **Contractor Signature Contractors License Number** Expires: Mar 24, 2008 STATE OF FLORIDA Bonded Thru **Competency Card Number COUNTY OF COLUMBIA** Atlantic Bonding Co., Inc. NOTARY STAMP/SEAL Sworn to (or affirmed) and subscribed before me

Notary Signature

vrsonally known____ or Produced Identification

22-35-16 E 02253-143 237.06 COLUMBSA COUNTY Lot 43 Woodborough HORTH 1.37 acres PROPERTY LIMES 731 80 1 HORSE 37' approx Well 140 0 DREVE FROM NE CORNEA 160-LAKE GLEN ROAD TOOD WIDERGREN 697 - 4440



STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _

	PART II - SITE PLAN	
Scale: Each block represents 5 feet and 1 in	nch = 50 feet. 237	
	104 ACRES NO	SLOPE
	H+C 127135F 100' John John John John John John John John	
Notes:	Country Lake Glen Rd	
SITE PLAN	Coording LAILE Glew Rd	
22-35-16-02253-143	3	
Site Plan submitted by: Koleest	Signature	Agu
Plan Approved X	Not Approved	Date_ 3/10/6
By Kalomell	Columbia	County Health Department

1) idergren

THIS INSTRUMENT WAS PREPARED BY: TERRY MCDAVID 06-58 FOST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

PERMIT	NÚ			
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TAX FOLIO NO.

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF COLUMBIA

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.

Description of property:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE

- 2. General description of improvement: Construction of Dwelling
- Owner information:
 a. Name and address: TODD E. WIDERGREN and SHEILA A. WIDERGREN 384 NW Palm Drive, Lake City, Florida 32055
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): None
- 4. Contractor: TODD E. WIDERGREN and SHEILA A. WIDERGREN 384 NW Palm Drive, Lake City, Florida 32055
- 5. Surety n/a
 a. Name and address:
 - b. Amount of bond:
- 6. Lender: COLUMBIA COUNTY BANK 4808 West Highway 90, Lake City, FL 32055
- 7. 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: NONE
- 8. In addition to himself, Owner designates Nedra Horton, of COLUMBIA COUNTY BANK, 4808 West Highway 90, Lake City, FL 32055 to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). March 9, 2007.

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original field in this office.
P. Dawlitt Cason, CLERK OF COURTS

Date 3-10-06

TODD E. WIDERGREN

SHEILA A. WIDERGREN

The foregoing instrument was acknowledged before me this 9th day of March, 2006, by TODD E. WIDERGREN and SHEILA A. WIDERGREN, Husband and Wife who are personally known to me and who did not take an oath.

Notary Public
My commission expires:

Inst:2006005909 Date:03/10/2006 7ime:09:36



ETHIBIT "A"

A parcel of land in Section 22, Township 3 South, Range 16 East, Columbia County. Florida, being more particularly described as follows:

COMMENCE at the Southeast corner of the West ½ of the Southeast ¼, less the East 350 feet of Section 22, Township 3 South, Range 16 East, Columbia County, Plorids and run North 89°50′54″ West along the South line of the West ½ of the Southeast ¼, less the East 350 feet of Section 22 a distance of 109.19 feet to the POINT OF BEGINNING; thence continue North 89°50′54″ West along said South line of the West ½ of the Southeast ¼, less the East 350 feet of Section 22 a distance of 237.06 feet; thence North 14°32′01″ East a distance of 330.44 feet to a point on the Southerly Right-of-Way line of NW Country Lake Glen; thence South 75°27′59″ East along said Southerly Right-of-Way line of NW Country Lake Glen a distance of 160.00 feet; thence South 00°09′06″ West a distance of 280.34 feet to the POINT OF BEGINNING.

Inst:2005005908 Date:03/10/2006 Time:08:36 ______DC,P.DeWitt Cason,Columbia County B:1076 P:2151

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 06-58
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

Property Appraiser's Identification Number

WARRANTY DEED

This Warranty Deed, made this 9th day of March, 2006, BETWEEN WILLIAM C. ROWAN, of the County of Columbia, State of Florida, grantor*, and TODD E. WIDERGREN and SHEILA WIDERGREN, Husband and Wife whose post office address is 384 NW Palm Drive, Lake City, FL 32055, of the County of Columbia, State of Florida, 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 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:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

 $\underline{\text{N.B.:}}$ Grantor reserves an easement for utilities over and across the Northerly 15 feet.

N.B.: Neither the Grantor nor any member of his family live on or reside on the property described herein or any adjacent land thereto or claim any part hereof or any adjacent land thereto as their homestead.

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 subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

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

Inst:2006005906 Date:03/10/2006 Time:09:36

Doc Stamp-Deed: 315.00

______DC,P.DeWitt Cason,Columbia County B:1076 F:2137

Signed, sealed and delivered in our presence:

(Signature of First Witness) Crystal L. Brunner

(Typed Name of First Witness)

(Signature of Second Witness)
DeEtte F. Brown

(Typed Name of Second Witness)

STATE OF Florida COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 9th day of March, 2006, by WILLIAM C. ROWAN, who is personally known to as identification and who me or who has produced

did not take an oath.

My Commission Expires:

Notary Public

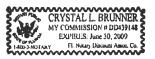
Grantor WILLIAM C.

Printed Name

Printed, typed, or stamped name:

ROWAN

(SEAL)



Inst:2006005906 Date:03/10/2006 Time:09:36

Doc Stamp-Deed: 315.00

DC,P.DeWitt Cason,Columbia County B:1076 P:2138

EXHIBIT "A"

A parcel of land in Section 22, Township 3 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the Southeast corner of the West 1/2 of the Southeast 1/4, less the East 350 feet of Section 22, Township 3 South, Range 16 East, Columbia County, Florida and run North 89°50'54" West along the South line of the West 1/2 of the Southeast 1/4, less the East 350 feet of Section 22 a distance of 109.19 feet to the POINT OF BEGINNING; thence continue North 89°50'54" West along said South line of the West 1/2 of the Southeast 1/4, less the East 350 feet of Section 22 a distance of 237.06 feet; thence North 14°32'01" East a distance of 330.44 feet to a point on the Southerly Right-of-Way line of NW Country Lake Glen; thence South 75°27'59" East along said Southerly Right-of-Way line of NW Country Lake Glen a distance of 160.00 feet; thence South 00°09'06" West a distance of 280.34 feet to the POINT OF BEGINNING.

Inst:2006005906 Date:03/10/2006 Time:09:36

Doc Stamp-Deed : 315.00

_DC,P.DeWitt Cason,Columbia County B:1076 P:2139

THIS INSTRUMENT WAS PREPARED BY:
TERRY MCDAVID 06-58
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

TAX FOLIO NO .:___ PERMIT NO._

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF COLUMBIA

z * *

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.

- Description of property:
 - SEE EXHIBIT "A" ATTACHED HERETO AND MADE
- 2. General description of improvement: Construction of Dwelling
- a. Name and address: TODD E. WIDERGREN and SHEILA A. WIDERGREN 384 NW Palm Drive, Lake City, Florida 32055
 - b. Interest in property: Fee Simple
 - Name and address of fee simple title holder (if other than Owner): None
- Contractor: TODD E. WIDERGREN and SHEILA A. WIDERGREN 384 NW Palm Drive, Lake City, Florida 32055
- Surety n/a 5. Name and address: Amount of bond:
- Lender: COLUMBIA COUNTY BANK 4808 West Highway 90, Lake City, FL 32055
- 7. 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: NONE
- 8. In addition to himself, Owner designates Nedra Horton, of COLUMBIA COUNTY BANK, 4808 West Highway 90, Lake City, FL 32055 to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). March 9, 2007.

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF GOURTS
By Alarem Lague
Deedy Cox

3-10-06

WIDERGREN

FLORIDA The foregoing instrument was acknowledged before me this 9th day of March, 2006, by TODD E. WIDERGREN and SHEILA A. WIDERGREN, Husband and Wife who are personally known to me and who did not take an oath.

> Notary Public de My commission expires:

Inst:2006005909 Date:03/10/2006 Time:09:36 . J. DC,P. DeWitt Cason,Columbia County B: 1076 P:2150



EXHIBIT "A"

A parcel of land in Section 22, Township 3 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the Southeast corner of the West ½ of the Southeast ¼, less the East 350 feet of Section 22, Township 3 South, Range 16 East, Columbia County, Florida and run North 89°50'54" West along the South line of the West ½ of the Southeast ¼, less the East 350 feet of Section 22 a distance of 109.19 feet to the POINT OF BEGINNING; thence continue North 89°50'54" West along said South line of the West ½ of the Southeast ¼, less the East 350 feet of Section 22 a distance of 237.06 feet; thence North 14°32'01" East a distance of 330.44 feet to a point on the Southerly Right-of-Way line of NW Country Lake Glen; thence South 75°27'59" East along said Southerly Right-of-Way line of NW Country Lake Glen a distance of 160.00 feet; thence South 00°09'06" West a distance of 280.34 feet to the POINT OF BEGINNING.

Inst:2006005909 Date:03/10/2006 Time:09:36
_____DC,P.Dewitt Cason,Columbia County B:1076 P:2151

DISCLOSURE STATEMENT

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

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

	TYPE OF CONST	FRUCTION	
() Single Family Dwelling () Farm Outbuilding		() Two-Family Residence () Other	
() New Construction	() Addition	n, Alteration, Modification or other Improvem	en
	NEW CONSTRUCTION C	OR IMPROVEMENT	
provided for in Florida Sta	tutes ss.489.103(7) allowing to Permit Number 2425	been advised of the above disclosure statemen ilder. I agree to comply with all requirements his exception for the construction permitted by	t y
Signature S	July Wider	2/25/06 Date	
I hereby certify that the ab Florida Statutes ss 489.103		USE ONLY been notified of the disclosure statement in	

Building Official/Representative _____

FROM :

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS

June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank, you,

Donald D. Hall

DDH/jk

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001012

SHEILA WIDERGREN 8 NW COUNTRY LAKE GLEN D & SHEILA WIDERGREN NW COUNTRY LAKE GLEN OWNER PROPERTY LAKE JEFFEREY ROAD, L WOOD ON LEFT LOT 43 LOT/BLOCK/PHASE/UNIT WOODBOROUGH	LAKE CITY PHONE 758-8 LAKE CITY PHONE DBOROUGH, R LAKE VA	FL 320	055
D & SHEILA WIDERGREN NW COUNTRY LAKE GLEN OWNER PROPERTY LAKE JEFFEREY ROAD, L WOOD ON LEFT LOT 43	PHONE 758-8 LAKE CITY PHONE DBOROUGH, R LAKE VA	FL 320	
NW COUNTRY LAKE GLEN OWNER PROPERTY LAKE JEFFEREY ROAD, L WOOD ON LEFT LOT 43	LAKE CITY PHONE DBOROUGH, R LAKE VA	FL 320	055
OWNER PROPERTY LAKE JEFFEREY ROAD, L WOOD ON LEFT LOT 43	PHONE DBOROUGH, R LAKE VA	LLEY DRIVE,	055
PROPERTY LAKE JEFFEREY ROAD, L WOOD ON LEFT LOT 43	DBOROUGH, R LAKE VA		
ON LEFT LOT 43			
	Н	43	
LOT/BLOCK/PHASE/UNIT WOODBOROUGH	H	43	
a) a majority of the current and existing drive b) the driveway to be served will be paved o Turnouts shall be concrete or paved a mini concrete or paved driveway, whichever is a current and existing paved or concreted tur Culvert installation shall conform to the approve Department of Transportation Permit installation	quired as follows: eway turnouts are pave or formed with concrete imum of 12 feet wide of greater. The width shall rnouts. yed site plan standards. on approved standards.	et, leaving 24 fe nd poured with a ed, or; or the width of the ll conform to the	a 4 inch
C	a) a majority of the current and existing drives b) the driveway to be served will be paved of Turnouts shall be concrete or paved a minimoderate or paved driveway, whichever is current and existing paved or concreted turnouter installation shall conform to the approximation of Transportation Permit installation.	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 of concrete or paved driveway, whichever is greater. The width shall current and existing paved or concreted turnouts. The width shall current installation shall conform to the approved site plan standards. The partment of Transportation Permit installation approved standards.	 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. ulvert installation shall conform to the approved site plan standards. epartment of Transportation Permit installation approved standards.

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

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



** LAMAR BOOZER ** 900 EAST PUTNAM STREET LAKE CITY, FL 32055 BOOZER **

PROJECT:

CLIENT: TODD & SHEILA WIDERGREN 2 22 06

DATE:

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

DESIGNER:

LAMAR BOOZER

CLIENT INFORMATION:

NAME: TODD & SHEILA WIDERGREN

ADDRESS:

CITY, STATE: LAKE CITY, FLORIDA 32055

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. : GAIN	= TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR 9-I FRENCH DOOR DBL CLR GLS METL FR 12-E WALL R-11 +1/2"EXTPOLY BD(R-2.5) 11-C DOOR METAL POLYSTYRENE CORE 16-G CEILING R-30 INSULATION 22-A SLAB ON GRADE NO EDGE INSUL	294 84 2,409 57 2,713 289	9,589 2,851 8,131 1,206 4,662 10,535	0 0 0 0	18,808 6,148 4,808 713 4,868 0	18,808 6,148 4,808 713 4,868 0
SUBTOTALS FOR STRUCTURE:	5,298	36,974	0	35,345	35,345
THE HEALTON WICHTIE CAN THE	28 0 0 0.0 0.0	0 0 1,849 0 0	0 1,800 0 0	8,400 1,500 4,525 0	8,400 3,300 4,525 0
SENSIBLE GAIN TOTAL TEMP. SWING MULTIPLIER	make angar digar balan dapat sampi angar angar angar	ment capp grap and capp ratio date cape area		49,770 X 1.00	
BUILDING LOAD TOTALS		28,823	1,800	49,770	51,570

SUPPLY CFM AT 20 DEG DT: 2.262 CFM PER SQUARE FOOT: 0.721 SQUARE FT. OF ROOM AREA: 2,713 SQUARE FOOT PER TON: 730.425

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 38.823 MBH TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 5.298 TONS

CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J. ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY. BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.

Atn! Webbie

Phone: 386-758-1008 Fax: 386-758-2160

Columbia County Building Department

Culvert Waison

Culvert Waiver

Cuivert waiver	000001011
DATE: 09/19/2006 BUILDING PER	MIT NO. 24256
APPLICANT SHEILA WIDERGREN	PHONE <u>386-758-2281</u>
ADDRESS 298 NW COUNTRY LAKE GLEN	LAKE CITY FL 32055
OWNER TODD & SHEILA WIDERGREN	PHONE 758-8322
ADDRESS 298 NW COUNTRY LAKE GLEN	LAKE CITY FL 32055
CONTRACTOR OWNER	PHONE
LOCATION OF PROPERTY LAKE JEFFEREY RO	DAD, L WOODBOROUGH, R LAKE VALLEY DRIVE,
R AT STOP SIGN, ON LEFT LOT 43	
SUBDIVISION/LOT/BLOCK/PHASE/UNITWOO	DBOROUGH 43
PARCEL ID # 22-3S-16-02253-143	
A SEPARATE CHECK IS REQUIRED MAKE CHECKS PAYABLE TO BCC	Amount Paid 50.00
PUBLIC WORKS	DEPARTMENT USE ONLY
I HEREBY CERTIFY THAT I HAVE EXAMINED THIS CULVERT WAJWER IS:	
APPROVED	NOT APPROVED - NEEDS A CULVERT PERMI
COMMENTS: CULVERT I'S NOT E IN SRIVE WAY TO FOLLOW SITCH SIGNED: LEWY LETTE	CONTOUR DATE: 9/20/06
ANY QUESTIONS PLEASE CONTACT THE PUBLIC V	VORKS DEPARTMENT AT 386-752-5955.
135 NE Hernando Ave., Suite B-21 Lake City, FL 32055	SEP 1 9 2006



FEB - 4 RET

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- · Heritage 50 AR (formerly Heritage 40 AR)

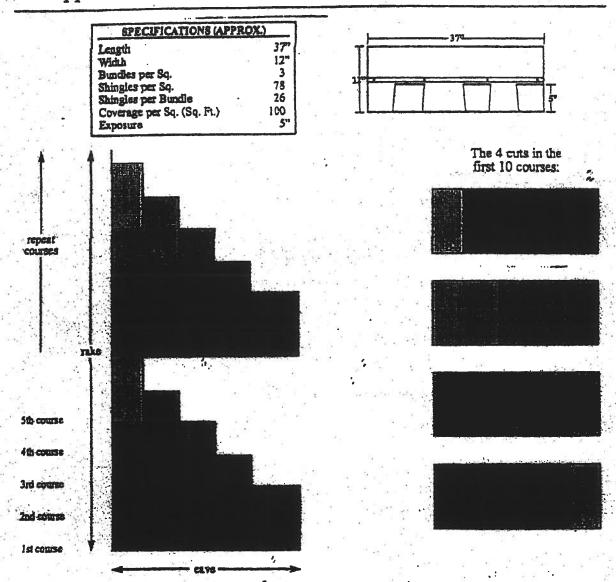
All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.



Application Instructions For Heritage® 25 Series Shingles



In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

NOTE: These application instructions apply only to Heritage 25 and Heritage 25 AR shingles.



Application Instructions for

· Glass-Seal AR

• Elite Glass-Seal^o AR

THEER-TAN ASPHALT SHITGLES

These are the manufacturer's application instructions for the roofing conditions described. Tamko roofing products, inc. assumes no responsibility for leaks or other roofing defects resulting from failure to follow the manufacturer's instructions.

THE PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST SE 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.

I. REOF BEEK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per feet. For roots having pitches 2 in. per feet to tess than 4 in. per feet, refer to special instrugions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for lesks or defects resulting from improper application, or failure to properly prepare the surface to be recited over.

MEWROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from werped surfaces. It is recommended that metal drip edges be installed at eaves and raises.

PLYMOCO: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thicknowledged a spoordance with the recommendations of the American Plywood Association.

SHEATHING SOARDS: Boards shall be Well-seasoned lengue-andgroove boards and not over 5 in. nominal width. Boards shall be si 1 in. nominal minimum blickness. Boards shall be properly speced and nalled.

2. VENTLATION

inadequate vertifiation of sitic spaces can pause accumulation of molature in winter months and a build up of heat in the aummer. These conditions can lead to:

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

To insure edequate ventilation and circulation of air, place louvers of autilicient size high in the gobbs ends and/or install continuous ridge and sofit vents.

FHA minimum property standards require one square foot of net free ventlation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a venter is installed on the warm side of the calling or if it least one half of the ventlation is provided near the foge. If the ventlation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE YEN-TILATION.

I. PASTERNIE

MARS: TANKO recommends the use of naits as the preferred method

WHO CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can expectally 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 seel down may be compounded by prolonged cold weather conditions and/or blowing dust, in these shuellons, 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 this performance of the shingle. If the fasteners are not placed as shown in the diagrafs and described below, TAMKO will not be responsible for any shingles blown off or displaced. TAMKO will not be responsible for damage to shingles caused by winds or gusts exceeding gate force. Gate force shall be the standard as defined by the U.S. Weather Sureau.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied seatent in an area between 5-1.2" and 6-34" from the butt edge of the shingle. Fasteners should be located horizontally according to the diagram below. Do not naif in to the seatent. TAMKO recommends nailing below the seatent whenever possible for greater wind resistance.

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1 in. back from each end and one 12 in. back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern (Businated below).



2) Manaard or High Wind Fastening Pattern. (For use on decks with alopse greater than 21 in. per foot.) One fastener 1 in. beck from "each end and one fastener 10-1/2 in. beck from each end for a total of 5 fastener per shingle, (See Manaard Sastening pattern Sustated below.)



NAM S: TAMKO recommends the use of name as the preferred method of application. Standard type roofing nails should be used. Natishanks should be made of minimum 12-gauge wire, and a minimum head diameter of 3/8 in. Name should be long anough to penetrate 3/4 in.

(Continued)

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The tree was the

Central District Northeast District Southwest District Southwest District Western District 220 West 4th St., Joplin, MO 54801 4500 Tamko Dr., Frederick, MD 21701 2300 35th St., Tuscalcosa, AL 35401 7910 S. Central Exp., Dalles, TX 75216 5300 East 43rd Ave., Denver, CO 80218

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07/01

Glass-Seal

· Elite Glass-Seal® AR

THREE TAR REPRAIF SHINGS PO

with quick setting asphalt achesive coment immediately upon installation. Spots of cament must be equivalent in size to a 3.25 piece and applied to shingles with a 5 in. exposure, use 5 festeners per shingle. See Section 3 for the Mansard Fastening Pattern.

S. BEMONTING

Before re-rooting, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1:-

Nall down or remove curied or broken shingles from the existing roof. Replace all missing shirigies with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protiuding nails. Hammer down all probuding nails or remove them and refas-ten in a new location. Remove all drip adge metal and replace with new.

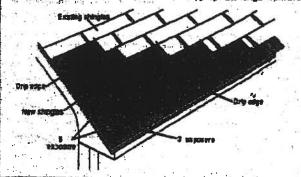
If re-rooting over an existing roof where new flashing is required to protect against ice dams (freeze/thew cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in, beyond the interior wall the and apply TAMKO's Moisture Guard Plus waterproofing underlayment, Contact TAMKO's Technical Services Department for incre Information.

The nesting production described below is the preferred method for re-routing over equare tab stop shingles with a 5 in. exposure.

Starter-Course: Begin by using TAMKO Shingle Starter or by culting shingles into 5 x 36 inch strips. This is done by removing the 5 in. tabs from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter place so that the self-coaling adheave lies along the saves and is even with the existing roof. The starter strp should be wide enough to overhang the saves and carry water into the guiller. Remove 3 in, from the langth of the first starter shingle to ensure that the joints from the old roof do not sign with the naw.

First Course: Cut off approximately 2 in, from the bottom edge of the shingles so that the starter stip. Start the existing third course and align with the edge of the starter stip. Start the first course with a full 36 in, long shingle and featen according to the instructions printed in Section I

Biscond and Succeeding Courses: According to the off-set application method you choose to use, ramove the appropriate length from the



rake end of the first shingle in each succeeding course. Place the too edge of the new shingle against the bulk edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

S. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide sheet of TAMKO Nell-Fast^a or a minimum 50 lb. roll roofing in the velley. Nell-the fall only where necessary to hold it in place and then only hall the outside

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PRE-VENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

Apply the first course of shingles along the caves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- Extend the end shingle at less! 12 in. onto the adjoining root Apply successing courses in the same marker, examples them sorges the valley and onto the adjoining roof.
- Do not trim If the shingle length exceeds 12 in, Lengths should year.
- Press the shingles tightly into the valley,
 Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the velley centerine, and two fasteners should be placed at the end of each shingle crossing the valley.

To the adjoining roof plane, apply one row of shingles extending it over previously applied sivingles and birn a minimum of 2 in. back from the carrierine of the

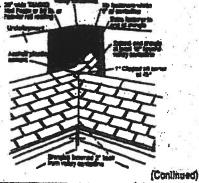
Note: For a neater installation, snep a challding over the shingles for evidence:

- Clip the upper comer of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in, wide stip of sightel plastic-cement. This will prevent water from penetrating between the courses by directing it into
- . carnoir Adhesive qual be applied in amough, thin, even levers.

the valley.

Excessive use of like eviserbs cause bilistering to this product.

TAMKO assumes no responsibility for blistering.



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(CONTINUED from Pg. 3)

• Glass-Seal • Glass-Seal AR • Elite Glass-Seal® AR

THREE-TAR ASPHALT SHITCLES

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CONTACT TANKO'S TECHNICAL SERVICES DEPARTMENT.

19. HIP AND REDGE PROTESTIVE RETAIL

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Apply the shingles with a 5 in. supposure beginning at the bottom of the hip or from the end of the tidge opposite the direction of the preveiting winds. Secure each shingle with one fastener 5-1/2 in, back from the exposed and and 1 in, up from the edge. On not neil directly into the section.

TANKO recommends the use of TANKO Hip & Ridge shingle products. Where matching colons are systematic, it is acceptable to use TANKO's Glass-Seat or Ette Glass-Seat shingles cut down to 12 in, pieces.

NOTE: AR type shingle products should be used as Hip & Ridge on Glass-Seal AR and Elite Glass-Seal AR shingles.

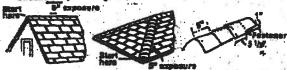
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Fasteners should be 1/4 in. longer than the one used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BEND-ING SHINGLES IN COOL WEATHER.

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

Direction of preveiling wind



THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

In this paragraph "You" and Your," refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally bloding agreement between You and TAMRO Roofing Products, Inc. ("TAMRO"). By opening this bundle You agree; (a) to install the shingles strictly in accordance with the instructions printed on this wrapper; or (b) that shingles which are not installed strictly in accordance with the instructions printed on this wrapper, or any other warranty that is also printed in this wrapper, or any other warranty, including, but not limited to (except when a prohibited by lew) implied warranty of MERCHANTABILITY and FITNESS FOR USE;

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VINIER

This unit is A.G.A. certified as a heater with 99% heat efficiency No chimney or flue system required Wisle selection of factory installed options offered

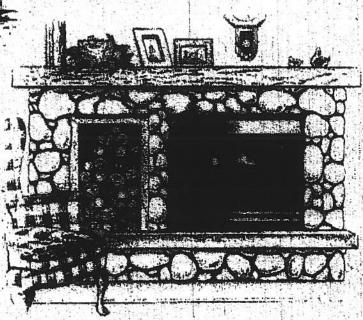
VF-4000

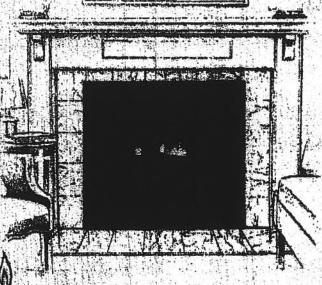
- . 14,000 25,000 Bru/hr with manual control valve
- 19,500 25,000 Beu/hr with millivolt control valve
- . Fully assembled and ready to install
- Astructive wood surrounds available
- 15" x 30" fixed or operable screen opening



VF-5000

- · 25,000 Btu/hr milliyolt variable heat output
- 15" X 30" glass or screen viewing area
- · Clean burning, safe and easy to install
- · Realistic charred oak logs with glowing embers

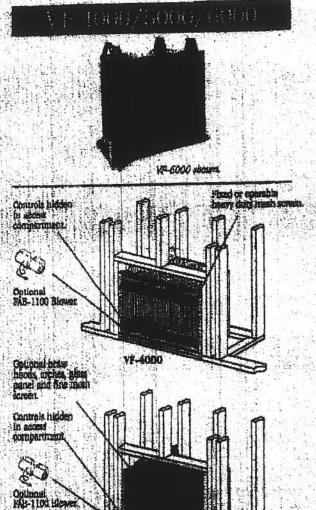




VF-6000

- . 32,000 Bruffir millivolt variable heat output
- · Boundful 20" X 34" glass or screen viewing area
- · Will operate during a power failure
- · Designed for large rooms





SURROUNDS

The Charleston Peopler Surround is hand crafted using a combination of solid Peopler and Peopler veneer. Using the unique wood type of Peopler allows you the option to paint or stain this siegently detailed surround. The surround is chastrocist using easy to assemble cam locks, and swallable in corner and wall units.

VE-5000/6000





Distributed by:



Refractory tan brick panels





Square bries tries hit



Bress Louver Mit (For VF-4 only)





(For VF-5 & VP6 only)



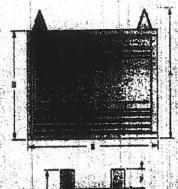








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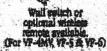
















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Btu Chart

Tuesta	Natural	Propage
VF-4000 prepuel	14,000 - 25,000	14,000 - 35,000
178-4000/3000 dillivok	19,500 - 25,000	19,500 - 25,000
	25,000 - 32,000	25,000 m 32,000

Model	Width	Height	Depth
V9-4000/5000	37"	373/4	151/2
49-5000	410	42-5/8	19-1/2"

ms and flustrations are not at septe. Product de ds. dimensions specifications, colors and prices subject to a or discontinuation, without police, hade to AASI 221, 11, 2 ad and approved by A.C.A. (report # 1,2970017).

Consult your charlestor for local Replace code information



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Architectural Testing

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

Rendered to:

THE JORDAN COMPANIES 4661 Burbank Road Memphis, Tennessee 38118

Report No: 02-34557.02

Test Date: 09/11/02

Report Date: 09/25/02 Expiration Date: 09/11/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by The Jordan Companies to perform testing on a Series 8600 PVC single hung window. The sample tested successfully results are reported herein.

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

Test Specimen Description:

Series/Model: Series 8600

Type: PVC Single Hung Window

Overall Size: 3'7-5/8" wide by 5'11-1/2" high

Sash Size: 3'5" wide by 2'11" high

Daylight Opening Size: 3'3" wide by 2'8" high

Screen Size: 3'4-1/8" wide by 2'10-1/4" high

Glazing Type: The window utilized nominal 3/4" thick insulating glass fabricated from two nominal double-strength annealed sheets separated by a desiccant-filled metal spacer system. The fixed lite was set from the interior against a silicone backbedding and secured with vinyl glazing stops. The operable lite was set from the exterior against a silicone backbedding and secured with vinyl glazing stops.

Finish: All PVC was white.

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.180" backed by 0.270" high pile with fin	1 Row	Interior face of sill
0.180" backed by 0.270" high pile with fin	1 Row	Bottom rails
0.180" backed by 0.270" high pile with center fin	2 Rows	Sash stiles
Hardware:		
Metal sweep lock with keeper	2	Top rail, 4" from ends
Block and tackle balance	2	Each frame jamb
Plastic tilt latch	2	Top rail, each end
Metal tilt pin	2	Bottom rail, each end
Drainage:		
0.625" long by 0.188" wide weepslot	2	Top of sill, 1.00" from ends
0.500" long by 0.125 wide weepslot	2	Face of sill, 1.25" from ends
0.188" long by 0.93" wide weepslot	2	Internal vertical wall of sill
Frama Const.		

Frame Construction: Frame members were comprised of white PVC. Frame corners were miter-cut and welded. The fixed meeting rail was secured at each end with two #8 by 2-1/4" screws. The fixed meeting rail also contained an aluminum reinforcement #H-2447.

Sash Construction: Sash members were comprised of white PVC. Sash corners were miter-cut and welded. The stiles and the lock rail contained an aluminum reinforcement #H-2448.

Screen Construction: Screen frame was comprised of aluminum with square-cut corners and plastic corner keys. Vinyl screen cloth was attached to the frame with a vinyl spline.

Test Specimen Description: (Continued)

Installation: The unit was installed into a Grade 2 SPF 2" by 8" wood buck and secured with screws through the nailing flange, spaced 4" from the corners and 8" on center.

Test Results: The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	4.11
22161		1(030115	Allowed
2.2.1.6.1	Operating Force	18 lbs	30 lbs max.
2.1.2	Air Infiltration per ASTM E 28	33 (See Note #1)	The state of the s
	@ 1.57 psf (25 mph)	0.13 cfm/ft^2	$0.30 \text{cfm/}\hat{\pi}^2 \text{max.}$
Note 41. The	44 * .		

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

2.1.3 Water Resistance per ASTM E 547 (See Note #2) (With and without screen)

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

2.1.4.2 Uniform Load Structural per ASTM E 330 (See Note #3) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)

Note #3: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance."

2.2.1.6.2	Deglazing Test per ASTM In operating direction @ 70 Sash	E 987 lbs	
	Meeting Rail Bottom Rail In remaining direction at 50 Sash	0.09" 0.13"	0.500" 0.500"
	Left Stile Right Stile	0.07" 0.06"	0.500" 0.500"
2.1.7	Welded Corner Test	Meets as stated	Maria
2.1.8	Forced Entry Resistance per Type A Grade 10		Meets as stated
	Lock Manipulation Test Tests A through F Lock Manipulation Test	No entry No entry No entry	No entry No entry No entry

Test Results: (Continued)

<u>Paragraph</u>	Title of Test - Test Method	Results	Allowed	
Optional Performance				
4.3	Water Resistance per ASTM E 547 (With and without screen)			
	WTP = 7.5 psf	No leakage	No leakage	
4.4.1	Uniform Load Deflection per ASTM E 330 (See Note #4) (Measurements reported were taken on the meeting rail) (Loads were held for 60 seconds)			
	@ 50.0 psf (positive) @ 50.0 psf (negative)	0.52" 0.46"		
	•			

Note #4: The Uniform Load Deflection test is not an AAMA/NWWDA 101/I.S. 2-97 requirement for this product designation. The data is recorded in this report for information only.

4.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)		¥
	@ 75.0 psf (positive) @ 75.0 psf (negative) @ 97.5 psf (negative)	0.03" 0.03" 0.05"	0.16" max. 0.16" max. 0.16" max.

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.

John J Weiss

Technician

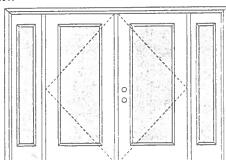
Daniel A. Johnson

Regional Manager

JJW/jb 02-34557.02

FIBERGLASS DOORS

APPROVED ARRANGEMENT:





Test Data Review Cerificate #3026447A; #3026447B #3026447C and COP/Test Report Validation Matrix #3026447A-001 .022, 003; #3026447B-001 .002, 003; #3026447B-001 .002, 003 growdes additional information - available from the ITS/WH website (www.etisemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Double Door with 2 Sidelites

Design Pressure

+52.0/-52.0

Limited water unless special threshold design is used

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: 1/4 GLASS:



100 Series



133, 135 Series



136 Series



822 Series

1/2 GLASS:



105 Series







12 R/L, 23 R/L, 24 R/L



107 Series



108 Series



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





FIBERGLASS DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

















APPROVED SIDELITE STYLES:





















CERTIFIED TEST REPORTS:

CTLA-805W-2

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

> **COMPANY NAME** CITY, STATE

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

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



Test Data Review Certificate #3026447A; #3026447B; #3026447C and LOP7 less Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.etlsemko.com), it he website (www.masonite.com) or the Masonite technical center









FIBERGLASS DOORS

CERTIFIED TEST REPORTS:

CTLA-772W-2

Certifying Engineer and License Number: Ramesh Patel, P.E./20224

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 0.075" minimum thick fiberglass skins. Both stiles constructed of 1-5/8" laminated lumber. Top end rails constructed of 31/32" wood. Bottom end rails constructed of 31/32" wood composite. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO 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).

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



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

2







From:

The Columbia County Building Department

Plans Review

135 NE Hernando Av.

P. O Box 1529

Lake City Florida, 32056-1529

Reference to a building permit application Number: 0603-31

Linda Roder Owner Todd & Sheila Widergren Lot 43 Woodborough Subdivision

On the date of March 13, 2006 application 0603-31 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0603-31 when making reference to this application.

- Please provide a copy of a signed released site plan from the Columbia County
 Environmental Health Department which confirms approval of the waste water
 disposal system.
- Please show compliance with the FBC-2004 Sections1802.6. The soil classification and design load-bearing capacity shall be shown on the construction document.
- 73. Please show the method the HVAC & WH appliances will be protected as required by the FMC-2004 sections 303.4 Protection from damage. Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.
- 4. Please show compliance with the FRC-2004 sections R309 Garage: R309.1

A: Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

B: R309.1.1 Duct penetration. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.

C: R309.2 Separation required. The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent.

5. On the electrical plan show the location of the electrical panel and include the total amperage rating of the electrical service panel also show the overcurrent protection device which shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

6. Please have Bailey Bishop & Lane Inc. supply the following information, show all required connectors with uplift rating for the truss system and required number and size of fasteners for continuous tie from the roof to foundation. These connection points shall be designed by an architect or engineer using the engineered roof truss plans.

Thank you,

Joe Haltiwanger Plan Examiner

Columbia County Building Department