

Columbia County Building Permit Application

clt# 9476/947

For Office Use Only Application # 0701-86 Date Received 1/23/07 By CP Permit # 1319/25496
 Application Approved by - Zoning Official BK Date 05.02.07 Plans Examiner OKJH Date 1-30-07
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments SECTION 14.9 Special Family Lot Permit ~~1st Floor 1ft above Rd.~~
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Mary Ann Crawford Fax (386) 755-2165
 Address 853 S.W. Sisters Welcome Rd. Lake City, FL 32025 Phone (386) 752-5152
 Owners Name Stephen Seraballs Phone (360) 805-2124 (W#)
 911 Address 1099 SW Watson St. Fort White, FL 32038
 Contractors Name Stanley Crawford Construction, Inc. Phone (386) 752-5152
 Address 853 S.W. Sisters Welcome Rd. Lake City, FL 32025
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disosway P.O. Box 868 Lake City, FL 32056
 Mortgage Lenders Name & Address Mercantile Bank

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number PO 26-55-16-03717-128 Estimated Cost of Construction \$ 80,000

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions Go hwy 47 3 mi past Columbia City turn left on Watson Rd. 1 mi house on left at Levi way

Type of Construction Residential Number of Existing Dwellings on Property 0
 Total Acreage 2 1/2 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 100 Side 150 Side 275 Rear 50
 Total Building Height 16' Number of Stories 1 Heated Floor Area 1523 Roof Pitch 6/12
 TOTAL 2341

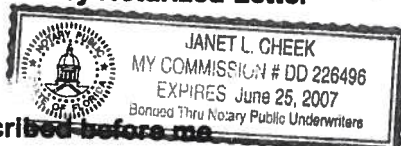
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

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 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

STATE OF FLORIDA
COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me
 this _____ day of January 2007.
 Personally known ☒ or Produced Identification _____

Stanley Crawford
 Contractor Signature
 Contractors License Number RG-0042896
 Competency Card Number 5627
 NOTARY STAMP/SEAL

Janet L. Cheek
 Notary Signature

(Revised Sept. 2006)

Attention Vugle

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001319**

DATE: 02/06/2007

BUILDING PERMIT NO. 25496

APPLICANT MARY ANN CRAWFORD

PHONE 386.752.5152

ADDRESS 853 SW SISTERS WELCOME ROAD

LAKE CITY

FL 32025

OWNER STEPHEN SERABALLS

PHONE 360.805.2124

ADDRESS 1099 SW WATSON STREET

FT. WHITE

FL 32038

CONTRACTOR WM. STANLEY CRAWFORD

PHONE 386.752.5152

LOCATION OF PROPERTY 47-S TO COLUMBIA CITY TO WATSON RD, TL AND IT'S 1 MILE ON THE
L @ LEVI WAY.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

PARCEL ID # 26-5S-16-03717-128

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: 

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 APPLICATION AND DETERMINED THAT THE
CULVERT WAIVER IS:

✓ APPROVED

 NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

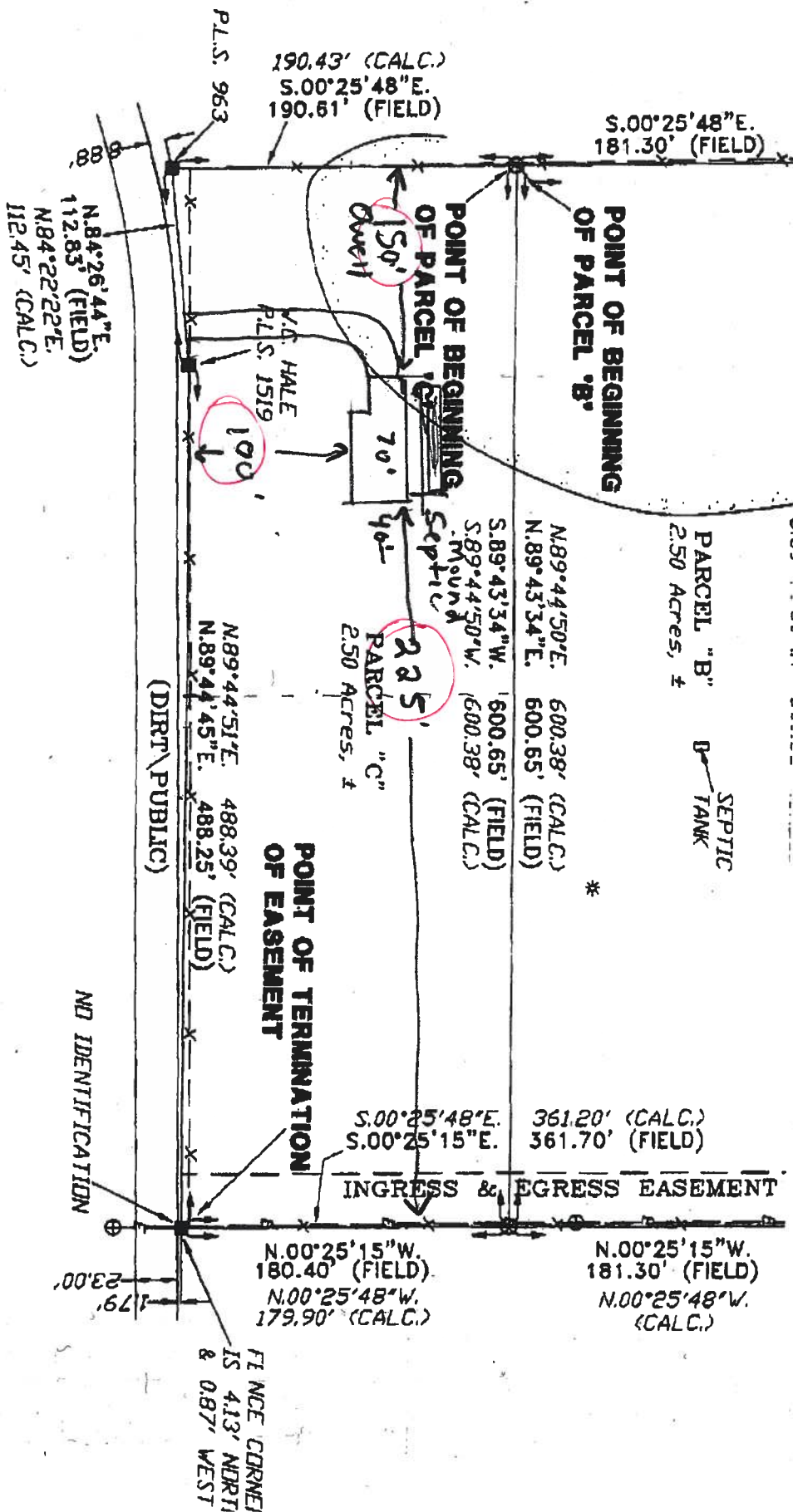
SIGNED: 

DATE: 2-8-07

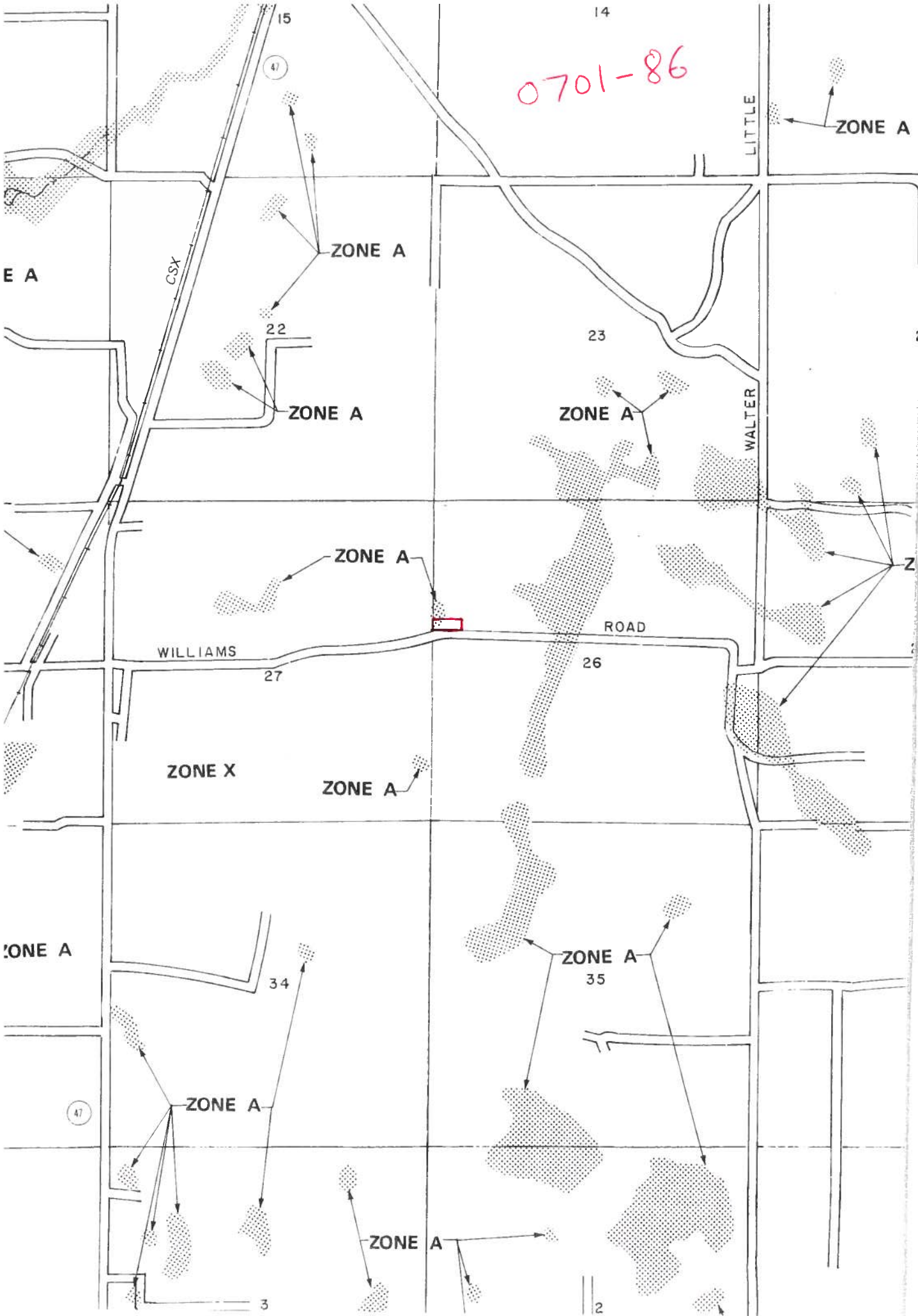
ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

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





0701-86



Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055

AT5# 16105

Inst: 2006025019 Date: 11/01/2006 Time: 15:12

Doc Stamp-Deed : 175.00

DC, P. Dewitt Cason, Columbia County 8:1100 P:2325

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 23rd day of October, 2006, Russell W. Whitehead, Sr., and his wife, Joanne M. Whitehead and Russell Whitehead, Jr., A Single Person, and Kimberly L. Bennett, A Single Person, hereinafter called the grantor, to Stephen Seraballs whose post office address is: PO Box 848, Snohomish, WA 98291 hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID# P/O 28-5S-16-03717-126

See Exhibit "A" attached hereto and by this reference made a part hereof.

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

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

Signed, sealed and delivered in our presence:

Cheryl Beatty
Witness:

Cheryl Beatty
Printed

Traci Landry
Witness:

TRACI LANDRY
Printed

Russell W. Whitehead, Sr.
Russell W. Whitehead, Sr.

Joanne M. Whitehead
Joanne M. Whitehead

Russell Whitehead, Jr.
Russell Whitehead, Jr.

Kimberly L. Bennett
Kimberly L. Bennett

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 23rd day of October, 2006 by RUSSELL W. WHITEHEAD, SR., AND HIS WIFE, JOANNE M. WHITEHEAD AND RUSSELL WHITEHEAD, JR., A SINGLE PERSON, AND KIMBERLY L. BENNETT, A SINGLE PERSON, personally known to me or, if not personally known to me, who produced Adversity License for identification and who did not take an oath.

(Notary Seal)

[Signature]
Notary Public



Steve Seraballs

ATS #16105

Exhibit "A"

Commence at the Northwest corner of Section 26, Township 5 South, Range 16 East, Columbia County, Florida and run thence South 00°25'48" East, 1986.42 feet to the Point of Beginning; thence continue South 00°25'48" East, 190.43 feet; thence North 84°22'22" East, 112.45 feet; thence North 89°44'51" East, 488.39 feet; thence North 00°25'48" West, 179.90 feet; thence South 89°44'50" West, 600.38 feet to the Point of Beginning.

SUBJECT TO an easement for ingress and egress over and across the East 30.00 feet thereof.

However, the grantors hereinabove Reserve to themselves, their successors and/or assigns, an easement for ingress and egress over and across the East 30 feet of the above described property.

Inst:2006026019 Date:11/01/2006 Time:15:12

Doc Stamp-Deed : 175.00

DC, P. DeWitt Cason, Columbia County B:1100 P:2326

25496

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY
FOR USE OF IMMEDIATE FAMILY MEMBERS
FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

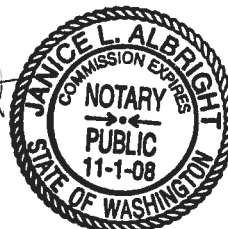
BEFORE ME the undersigned Notary Public personally appeared.

JOANNE WHITEHEAD, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and STEPHEN SERABALLS, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as BROTHER, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.
2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 26-55-16-03717-126.
3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least 1/2 acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.
4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 26-55-16-03717-137.
5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.
6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

Janice L Albright
Notary Public

2/5/2007



OWNER: Stephen Seraballs 2/5/07

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

Joanne M. Whitehead
Owner

Stephen Snrball *
Family Member

JOANNE M. WHITEHEAD
Typed or Printed Name

STEPHEN SNRBALLS
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 5th day of February, 2007, by JOANNE M. WHITEHEAD (Owner) who is personally known to me or has produced _____ as identification.

Janet L. Cheek
Notary Public



Subscribed and sworn to (or affirmed) before me this 5th day of February, 2007, by Stephen Snrball (Family Member) * who is personally known to me or has produced _____ as identification.

(See front page)
Notary Public

FORM 600A-2004R

EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: SERABALLS	Builder: STANLEY CRAWFORD CON
Address:	Permitting Office: <i>Columbia</i>
City, State:	Permit Number: <i>25496</i>
Owner:	Jurisdiction Number: <i>221000</i>
Climate Zone: North	

1. New construction or existing New	12. Cooling systems
2. Single family or multi-family Single family	a. Central Unit Cap: 30.0 kBtu/hr
3. Number of units, if multi-family 1	SEER: 13.00
4. Number of Bedrooms 3	b. N/A
5. Is this a worst case? Yes	c. N/A
6. Conditioned floor area (ft²) 1523 ft²	13. Heating systems
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)	a. Electric Heat Pump Cap: 31.0 kBtu/hr
a. U-factor: Description Area	HSPF: 7.70
(or Single or Double DEFAULT) 7a. (Dble Default) 158.0 ft²	b. N/A
b. SHGC:	c. N/A
(or Clear or Tint DEFAULT) 7b. (Clear) 158.0 ft²	14. Hot water systems
8. Floor types	a. Electric Resistance Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation R=0.0, 220.0(p) ft	EF: 0.92
b. N/A	b. N/A
c. N/A	c. Conservation credits
9. Wall types	(HR-Heat recovery, Solar
a. Frame, Wood, Exterior R=13.0, 1290.0 ft²	DHP-Dedicated heat pump)
b. Frame, Wood, Adjacent R=13.0, 192.0 ft²	15. HVAC credits
c. N/A	(CF-Ceiling fan, CV-Cross ventilation,
d. N/A	HF-Whole house fan,
e. N/A	PT-Programmable Thermostat,
10. Ceiling types	MZ-C-Multizone cooling,
a. Under Attic R=30.0, 1523.0 ft²	MZ-H-Multizone heating)
b. Under Attic R=19.0, 120.0 ft²	
c. N/A	
11. Ducts	
a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 266.0 ft	
b. N/A	

Glass/Floor Area: 0.10

Total as-built points: 20752

Total base points: 22364

PASS

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

PREPARED BY: SUNCOST INSULATORSDATE: 1-9-07

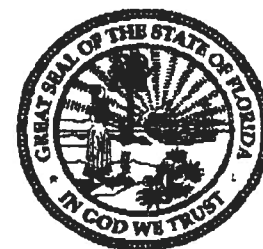
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: Stanley CrawfordDATE: 1/23/07

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: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 28,4.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.9

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1523 ft ²		
7. Glass type ¹ and area: (Label req'd by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 31.0 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default) 158.0 ft ²			HSPF: 7.70
b. SHGC		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear) 158.0 ft ²		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 220.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1290.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 192.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=50.0, 1523.0 ft ²	MZ-C-Multizone cooling,	
b. Under Attic	R=19.0, 120.0 ft ²	MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unac. Ret: Unac. AH: Interior	Sup R=6.0, 266.0 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: Shirley Cregal

Date: 1/23/07

Address of New Home: Watson Rd

City/FL Zip: H White



*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 (EFM) 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 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge[®] (Version: FLRCSB v4.5)

FORM 600A-2004R

EnergyGauge® 4.5

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X SPM X SOF = Points				
.18	1523.0	18.68	5896.8	1.Double, Clear	N	2.0	6.0	24.0	19.20	0.90	414.0
				2.Double, Clear	E	2.0	6.0	84.0	42.06	0.85	2996.0
				3.Double, Clear	S	2.0	6.0	4.0	35.87	0.78	111.0
				4.Double, Clear	W	2.0	6.0	46.0	36.52	0.85	1505.0
				As-Built Total:				164.0		5026.0	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	192.0	0.70	134.4	1. Frame, Wood, Exterior	13.0		1290.0	1.50	1935.0		
Exterior	1290.0	1.70	2193.0	2. Frame, Wood, Adjacent	13.0		192.0	0.60	115.2		
Base Total:				1482.0				2327.4		2050.2	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	18.0	2.40	43.2	1. Exterior Insulated			28.0	4.10	114.8		
Exterior	28.0	6.10	170.8	2. Adjacent Insulated			18.0	1.80	28.6		
Base Total:				46.0				214.6		143.6	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1523.0	1.73	2634.8	1. Under Attic	30.0		1523.0	1.73 X 1.00	2634.8		
				2. Under Attic	19.0		120.0	2.34 X 1.00	280.8		
Base Total:				1523.0				2634.8		2915.6	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	220.0(p)	-37.0	-8140.0	1. Slab-On-Grade Edge Insulation	0.0		220.0(p)	-41.20	-9064.0		
Raised	0.0	0.00	0.0								
Base Total:				-8140.0				220.0		-9064.0	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1523.0 10.21 15549.8				1523.0 10.21 15549.8							

FORM 600A-2004R

EnergyGauge® 4.5

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 17682.0				Summer As-Built Points: 16621.2						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
17682.0	0.3250		5746.7	<small>(sys 1: Central Unit 30000btuh , SEER/EFF(13.0) Ducts: Uno(S), Uno(R), Int(AH), R6.0(INS)</small> 16621 1.00 (1.00 x 1.147 x 0.91) 0.260 1.000 4916.6 16621.2 1.00 1.138 0.260 1.000 4916.6						

FORM 600A-2004R

EnergyGauge® 4.5

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X WPM X WOF = Point					
.18	1623.0	20.17	5529.0	1. Double, Clear	N	2.0	6.0	24.0	24.58	1.00	592.0	
				2. Double, Clear	E	2.0	6.0	84.0	18.79	1.06	1674.0	
				3. Double, Clear	S	2.0	6.0	4.0	13.30	1.26	68.0	
				4. Double, Clear	W	2.0	6.0	46.0	20.73	1.04	994.0	
				As-Built Total:				168.0	3326.0			
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points					
Adjacent	192.0	3.60	691.2	1. Frame, Wood, Exterior	13.0		1290.0	3.40	4386.0			
Exterior	1290.0	3.70	4773.0	2. Frame, Wood, Adjacent	13.0		192.0	3.30	633.6			
Base Total:				As-Built Total:				1482.0	5019.6			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points					
Adjacent	18.0	11.50	207.0	1. Exterior Insulated			28.0	8.40	235.2			
Exterior	28.0	12.30	344.4	2. Adjacent Insulated			18.0	8.00	144.0			
Base Total:				As-Built Total:				46.0	379.2			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points					
Under Attic	1523.0	2.05	3122.1	1. Under Attic	30.0		1523.0	2.05 X 1.00	3122.1			
				2. Under Attic	19.0		120.0	2.70 X 1.00	324.0			
Base Total:				As-Built Total:				1643.0	3446.1			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points					
Slab	220.0(p)	8.9	1958.0	1. Slab-On-Grade Edge Insulation	0.0		220.0(p)	18.80	4136.0			
Raised	0.0	0.00	0.0									
Base Total:				As-Built Total:				220.0	4136.0			
INFILTRATION Area X BWPM = Points								Area X WPM = Points				
								1523.0	-0.59	-898.6		

FORM 600A-2004R

EnergyGauge® 4.5

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

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 15726.2			Winter As-Built Points: 15408.4					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (OM x DSM x AHU)	X Duct Multiplier (1.069 x 1.169 x 0.93)	X System Multiplier	X Credit Multiplier	= Heating Points
15726.2	0.5540	8712.3	(sys 1: Electric Heat Pump 31000 btuh, EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 15408.4	1.000	0.443	1.000	1.000	7930.4
15726.2	0.5540	8712.3	15408.4	1.00	1.162	0.443	1.000	7930.4

FORM 600A-2004R

EnergyGauge® 4.5

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT								
WATER HEATING													
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	=	Total Multiplier	
3		2635.00		7905.0	500	0.92	3		1.00	2635.00	1.00	7905.0	
					As-Built Total:								7905.0

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
5747		8712		7905		22384	4917		7930		7905		20752

PASS

FORM 600A-2004R

EnergyGauge® 4.5

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: 3 cfm/eq. ft. window area, 5 cfm/eq. 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 joist members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings, penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier, gaps in gyp board & top plate, attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 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.	

**AFFIDAVIT OF SUBDIVIDED REAL PROPERTY
FOR USE OF IMMEDIATE FAMILY MEMBERS
FOR PRIMARY RESIDENCE**

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

BEFORE ME the undersigned Notary Public personally appeared.

JOANNE WHITEHEAD, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and STEPHEN SEABALLS, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as BROTHER, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.
2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 26-55-16-03717-126.
3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least 1/2 acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.
4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 26-55-16-03717-137.
5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.
6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

FEB-05-2007 MON 11:45 AM DSHS-DCFS

FAX NO. 3607941309

P. 01

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S. CRAWFORD CONST.

PAGE 01

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

Jeanne M. Whitcomb
Owner

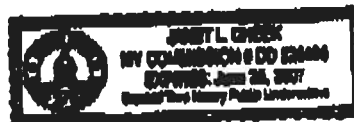
Stephen Seraballs *
Family Member

Jeanne M. Whitcomb
Typed or Printed Name

STEPHEN SERABALLS
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 5th day of February, 2007, by Jeanne M. Whitcomb (Owner) who is personally known to me or has produced as identification.

Joan L. Check
Notary Public



Subscribed and sworn to (or affirmed) before me this 5th day of February, 2007, by Stephen Seraballs (Family Member) who is personally known to me or has produced as identification.

Janece L Albright
Notary Public

2/5/2007

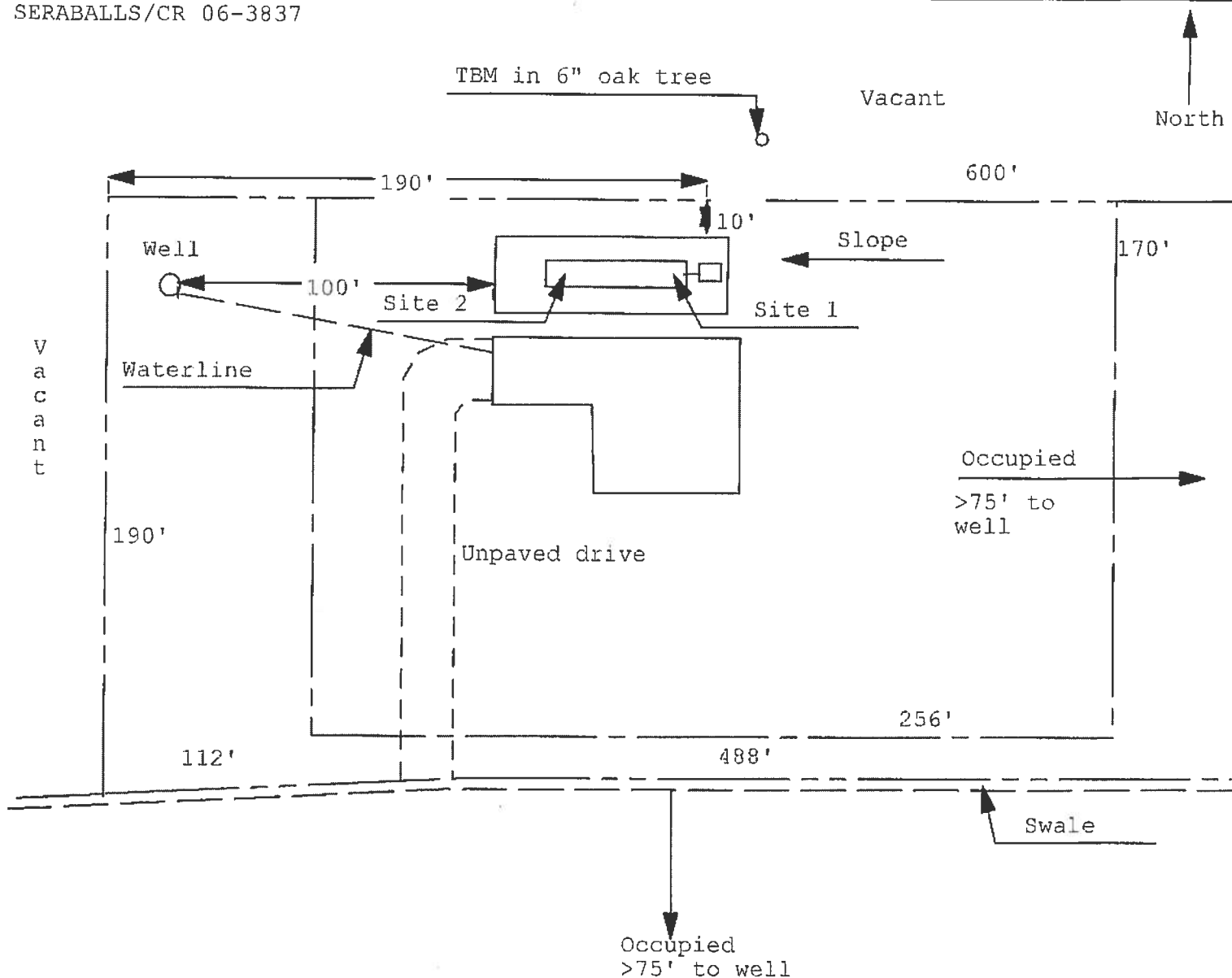


Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan

Permit Application Number: 07-00052N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SERABALLS/CR 06-3837



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 1/9/07
Plan Approved ☒ Not Approved ☐ Date 1-9-07

By Mr. & Mrs. [Signature] Columbus CPHU

Notes: _____

Project Information

For: Stanley Crawford Construction
1531 SW Commercial Glen, Lake City, FL 32025
Phone: 386-755-5152 Fax: 386-755-2165

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db 33 °F
Inside db 70 °F
Design TD 37 °F

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range M
Relative humidity 50 %
Moisture difference 52 gr/lb

Heating Summary

Structure 14124 Btuh
Ducts 5073 Btuh
Central vent (38 cfm) 1530 Btuh
Humidification 0 Btuh
Piping 0 Btuh
Equipment load 20727 Btuh

Infiltration

Method	Simplified	
Construction quality	Average	
Fireplaces	0	
Area (ft²)	Heating 1512	Cooling 1512
Volume (ft³)	15120	15120
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	98	50

Heating Equipment Summary

Make Trane
Trade XB13 Weathertron
Model 2TWB3030A1
Efficiency 8 HSPF
Heating input 26000 Btuh @ 47°F
Heating output 24 °F
Temperature rise 987 cfm
Actual air flow 0.051 cfm/Btuh
Air flow factor 0.00 in H2O
Static pressure
Space thermostat

Sensible Cooling Equipment Load Sizing

Structure 14980 Btuh
Ducts 8191 Btuh
Central vent (38 cfm) 703 Btuh
Blower 0 Btuh

Use manufacturer's data n
Rate/sizing multiplier 0.97
Equipment sensible load 21198 Btuh

Latent Cooling Equipment Load Sizing

Structure 2372 Btuh
Ducts 1390 Btuh
Central vent (38 cfm) 1329 Btuh
Equipment latent load 5091 Btuh

Equipment total load 26289 Btuh
Req. total capacity at 0.70 SHR 2.5 ton

Cooling Equipment Summary

Make Trane
Trade XB13 Weathertron
Cond 2TWB3030A1
Coil TWE040E13
Efficiency 13 SEER
Sensible cooling 20720 Btuh
Latent cooling 8880 Btuh
Total cooling 29600 Btuh
Actual air flow 987 cfm
Air flow factor 0.047 cfm/Btuh
Static pressure 0.00 in H2O
Load sensible heat ratio 0.81

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



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

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
911 E. Jefferson, P.O. Box 76
Pittsburgh, KS 66762

Your application for Notice of Acceptance (NOA) of:

Entergy 6-8 S/E Inswing Opaque Double w/sidelites Residential Insulated Steel Door
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0314.23
EXPIRES: 04/02/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 06/05/2001

Premdor Entry Systems

ACCEPTANCE No. 01-0314.23

APPROVED : JUN 05 2001

EXPIRES : April 02, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews the Notice of Acceptance No. 00-0321.25 which was issued on April 28, 2000. It approves a residential insulated door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series Entergy 6-8 S/E Inswing Opaque Double Residential Insulated Steel Doors with Sidelites-Impact Resistant Door Slab Only and its components shall be constructed in strict compliance with the following documents: Drawing No 31-1029-EM-I, Sheets 1 through 6 of 6, titled "Premdor (Entergy Brand) Double Door with Sidelites in Wood Frames with Bumper Threshold (Inswing)," prepared by manufacturer, dated 7/29/97 with revision C dated 01/11/00, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of doors and single door only, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION

- 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters):
- 4.2.1 Door: the installation of this unit will not require a hurricane protection system.
- 4.2.2 Sidelite: the installation of this unit will require a hurricane protection system.

5. LABELING

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

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Premdor Entry Systems

ACCEPTANCE No. 01-0314.23

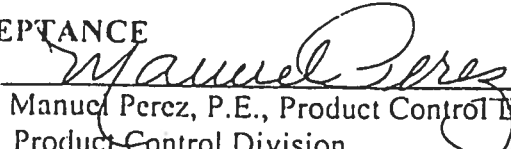
APPROVED : JUN 05-2001

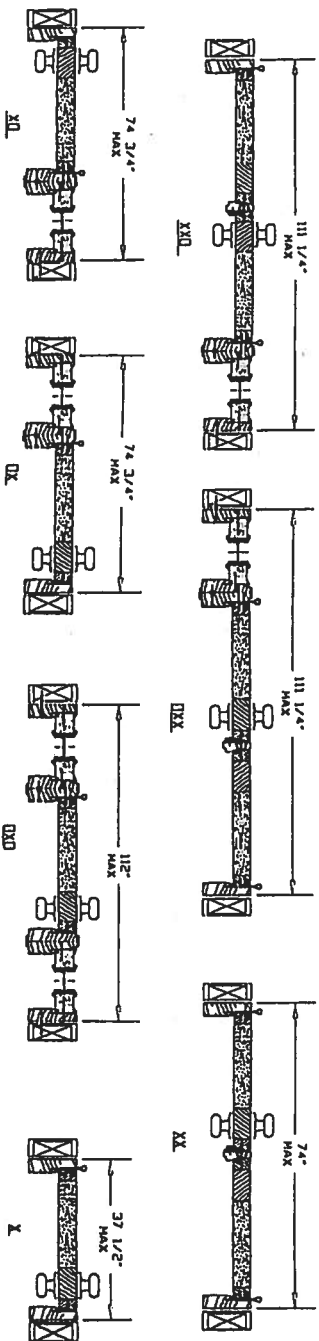
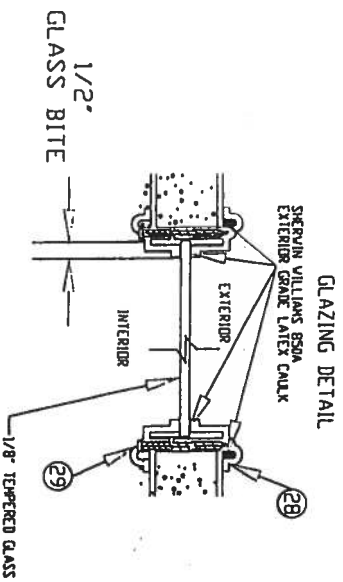
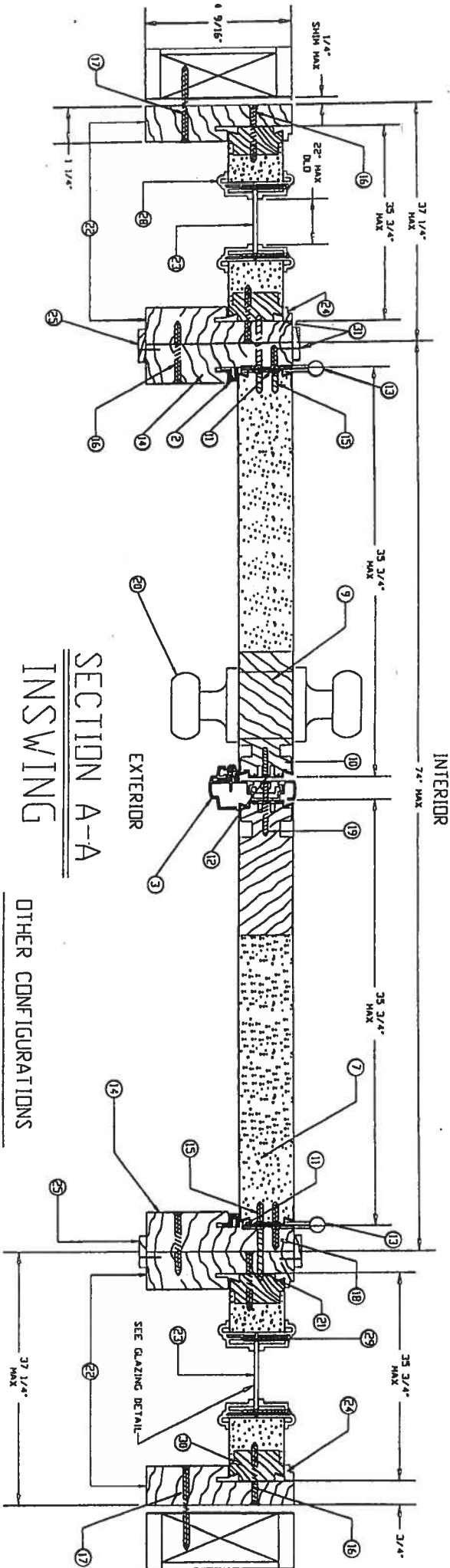
EXPIRES : April 02, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

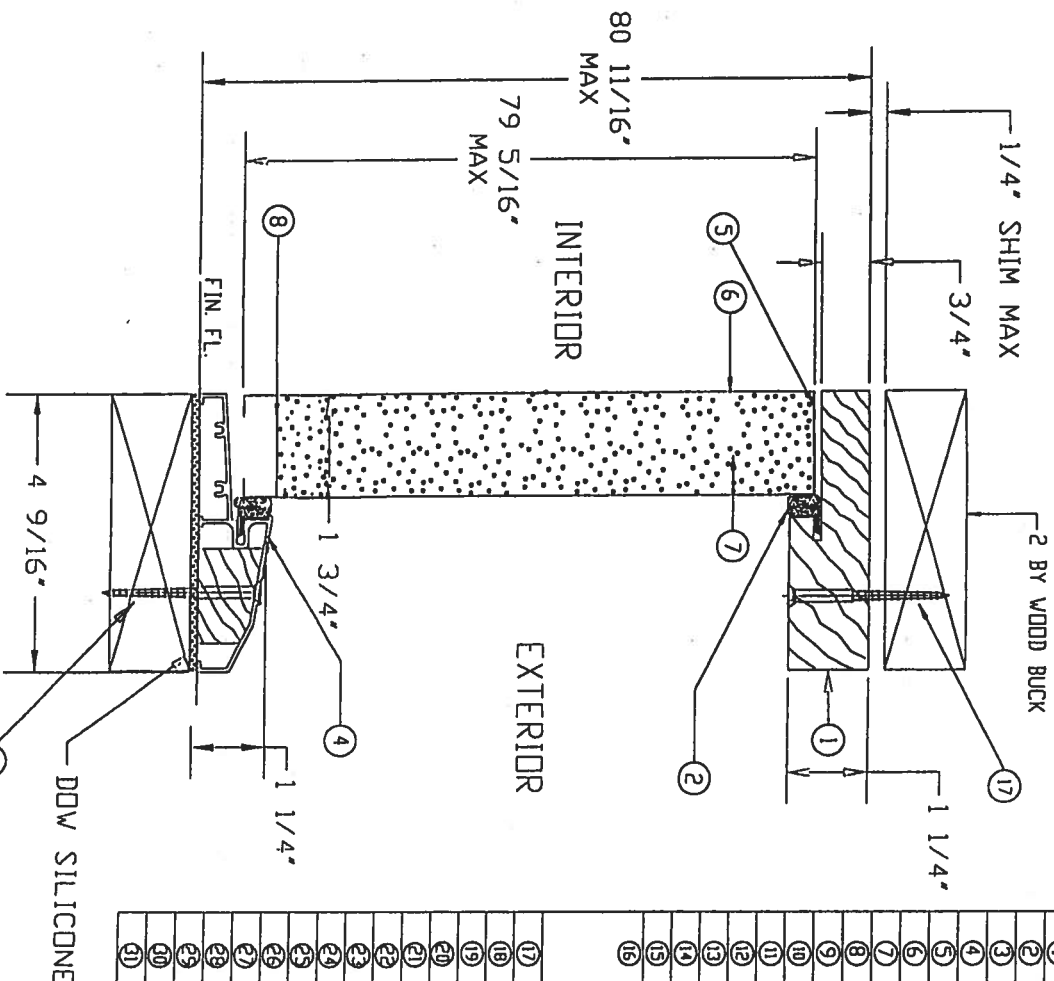

Manuel Perez, P.E., Product Control Examiner
Product Control Division



APPROVED AS CORRELATING WITH THE
SCOTT PLYMOUTH 2000
DATE: 1/1/83
BY: [Signature]
PROJECT: CONTRACT DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314-23

UNIT	DESCRIPTION	QTY	UNIT PRICE	TOTAL
1	PREMIER ENTRY SYSTEMS	1		
2	PREMIER ENTRY SYSTEMS	1		
3	PREMIER ENTRY SYSTEMS	1		
4	PREMIER ENTRY SYSTEMS	1		
5	PREMIER ENTRY SYSTEMS	1		
6	PREMIER ENTRY SYSTEMS	1		
7	PREMIER ENTRY SYSTEMS	1		
8	PREMIER ENTRY SYSTEMS	1		
9	PREMIER ENTRY SYSTEMS	1		
10	PREMIER ENTRY SYSTEMS	1		
11	PREMIER ENTRY SYSTEMS	1		
12	PREMIER ENTRY SYSTEMS	1		
13	PREMIER ENTRY SYSTEMS	1		
14	PREMIER ENTRY SYSTEMS	1		
15	PREMIER ENTRY SYSTEMS	1		
16	PREMIER ENTRY SYSTEMS	1		
17	PREMIER ENTRY SYSTEMS	1		
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22	PREMIER ENTRY SYSTEMS	1		
23	PREMIER ENTRY SYSTEMS	1		
24	PREMIER ENTRY SYSTEMS	1		
25	PREMIER ENTRY SYSTEMS	1		
26	PREMIER ENTRY SYSTEMS	1		
27	PREMIER ENTRY SYSTEMS	1		
28	PREMIER ENTRY SYSTEMS	1		
29	PREMIER ENTRY SYSTEMS	1		

PROVIDED AS COMPLIING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY Michael J. J.
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

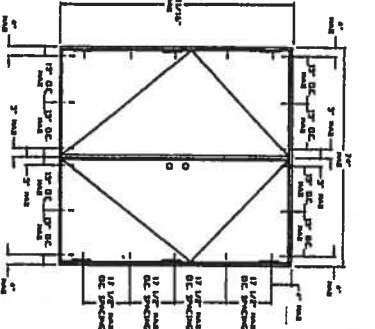
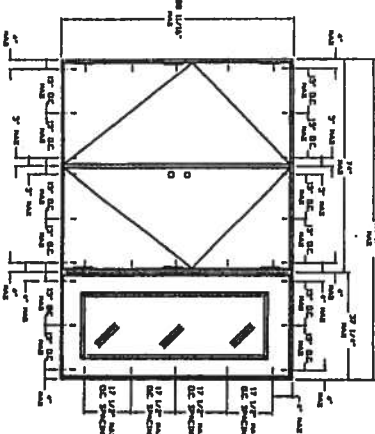
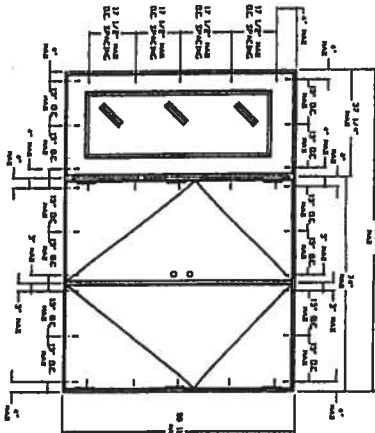
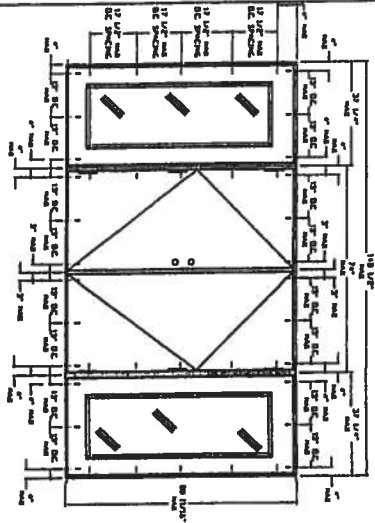


ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
①	WOOD HEAD JAMB	EH-14	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
②	COMPRESSION WEATHERSTRIP	EH-25	LOOKSGREEN BRAND LOCKSEAL 9650-(BRONZE) -
③	ALUMINUM ASTRAGAL	EH-12	PREHODR BRAND DR EQUIVALENT- 5/8" ALUMINUM ASTRAGAL
④	ALUMINUM-BUMPER THRESHOLD	EH-15	PREHODR BRAND DR EQUIVALENT - 1 1/4" x 4 9/16"
⑤	TOP CHANNEL	EH-08	PREHODR BRAND - 1 1/16" - 20 GA STEEL
⑥	STEEL SKIN	26 ga. UNF. #400	NO TELL STRONGER THAN PLY MR. HENDERSON HAS EXACT COPY DRAWING IS KEY
⑦	POLYURETHANE FLAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs./ft. ³	
⑧	BOTTOM CHANNEL	EH-07	PREHODR BRAND - 1 1/16" - 20 GA STEEL
⑨	WOOD LOCK BLOCK	EH-09	4" X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
⑩	STRIKE STILE	EH-06	PREHODR BRAND - 1 1/16" - 20 GA STEEL
⑪	HINGE STILE	EH-05	PREHODR BRAND - 1 1/16" - 20 GA STEEL
⑫	LOCK PREP FILLER PLATE	EH-10	PREHODR BRAND - .050" THICK- MTL. TO BE POLYETHYLENE
⑬	4"x4" HINGE	EH-16	HAGER BRAND HINGE DR EQUIVALENT - .097 THICK (STEEL)
⑭	WOOD HINGE JAMB	EH-13	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
⑮	#10-24 x 1/2" F.H.S.		(4) SCREWS PER HINGE INTO DOOR
⑯	#10 X 2" F.H.V.S.		(5) SCREVS THROUGH HINGE JAMB INTO SIDELITE JAMB, 6" DOWN FROM TOP JAMB 18" DC THEREAFTER (6) SCREVS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP JAMB 8" DC THEREAFTER (6) SCREVS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX 15 DC THEREAFTER
⑰	#10 FINISH VERNIER 1 1/2" LONG SCREW FOR 3/4" TRILLOCKS VERNIER 1 1/2" ELEMENT		REFER TO ELEVATION VIEW, FOR # OF SCREVS USED AND LOCATIONS
⑱	#10 X 3/4" F.H.V.S.		(2) SCREVS PER HINGE INTO JAMB
⑲	#8 X 2" F.H.V.S.		(2) SCREVS AT EACH STRIKE PLATE
⑳	LOCKSET		KWIKSET BRAND 200 LOCK DR HARDLC BRAND 100 LOCK
㉑	#10 X 1 3/4" F.H.V.S.		(2) SCREVS PER HINGE INTO JAMB
㉒	WOOD SIDELITE JAMB	EH-18	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉓	22" X 64" SINGLE PANEL GLASS	EH-19	TEMPERED GLASS IN POLYPROPYLENE FRAME- DC-1643 - (GDL-1)B-C LENSE TEMPERED GLASS
㉔	SIDELITE TRIM (WOOD)	EH-20	5/16" x 1/2" MTL. TO BE PINE OR EQUIVALENT
㉕	WOOD CASING	EH-21	1/8" X 1" MTL. TO BE PINE OR EQUIVALENT - ITEMS ARE HOLDINGS USE FOR SIDE BY SIDE JAMBS AS INDICATED
㉖	WOOD SIDELITE HEAD JAMB	EH-22	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉗	WOOD SIDELITE BASE	EH-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉘	POLYPROPYLENE LITE FRAME	DC-1643, DCL-2	HP Polypropylene by DDL
㉙	#6 X 1 1/2" PAN HEAD SCREWS		SCREWS SPECIFIC TO BE 3" IN FROM EACH CORNER AND NAIL 18 PER FRAME TO EXTEND 1/4" DC THEREAFTER
㉚	SIDELITE STILES	EH-26	15/16" X 1 1/16" MTL. TO BE PINE OR EQUIVALENT
㉛	PIN NAIL		3/4" LONG NAIL, 4" IN FROM END, MAX 8" DC THEREAFTER, USED ON MILLIONS AND 18

UNITS, MASS, MOLE, PAC :	KG :	MM :	MM :	MM :
EXTRUSION MASS MOLE, STD CORR. 100.3				
ENGINEER :				
	8	DATE	COUNTRY	MODIFICATIONS
	ADDED	PAGE	5	(DOOR OPTIONS)
	LIR	REVISIONS		
		DATE	1/11/01	JD
		RS	10-1-98	RS
		BY		

PREMDOR ENTRY SYSTEMS 591 E. JEFFERSON PITTSBURG, KS 66762	31-1029-EM-1 SHEET 3 OF 6
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OTHER DOOR CONFIGURATIONS

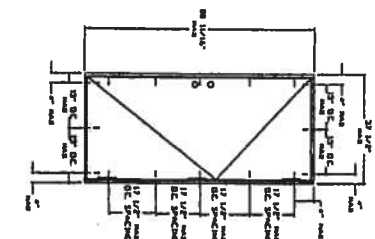
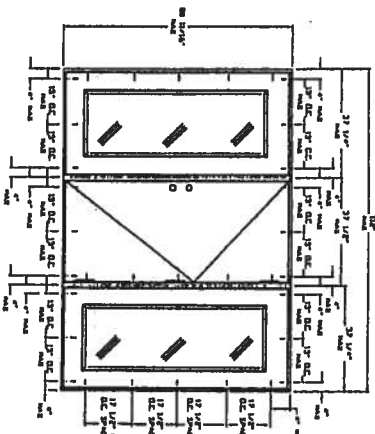
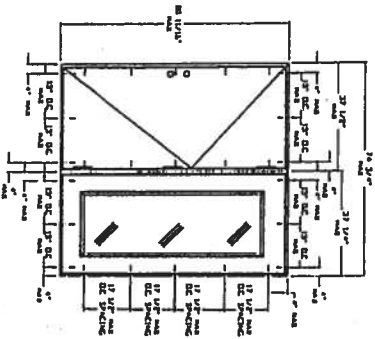
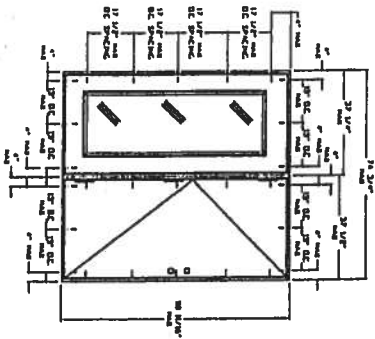


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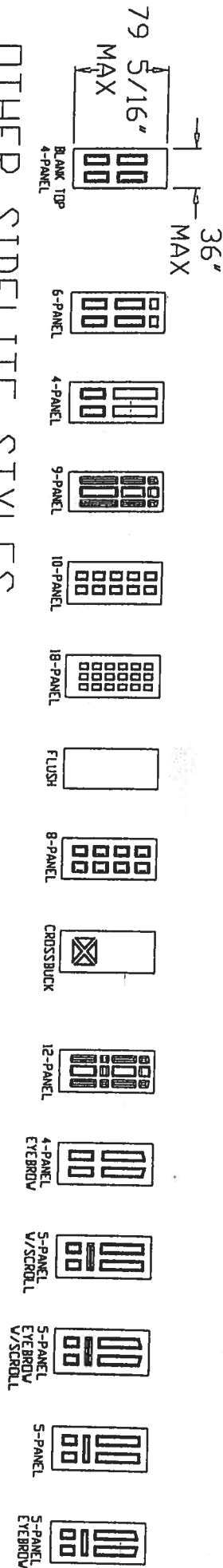
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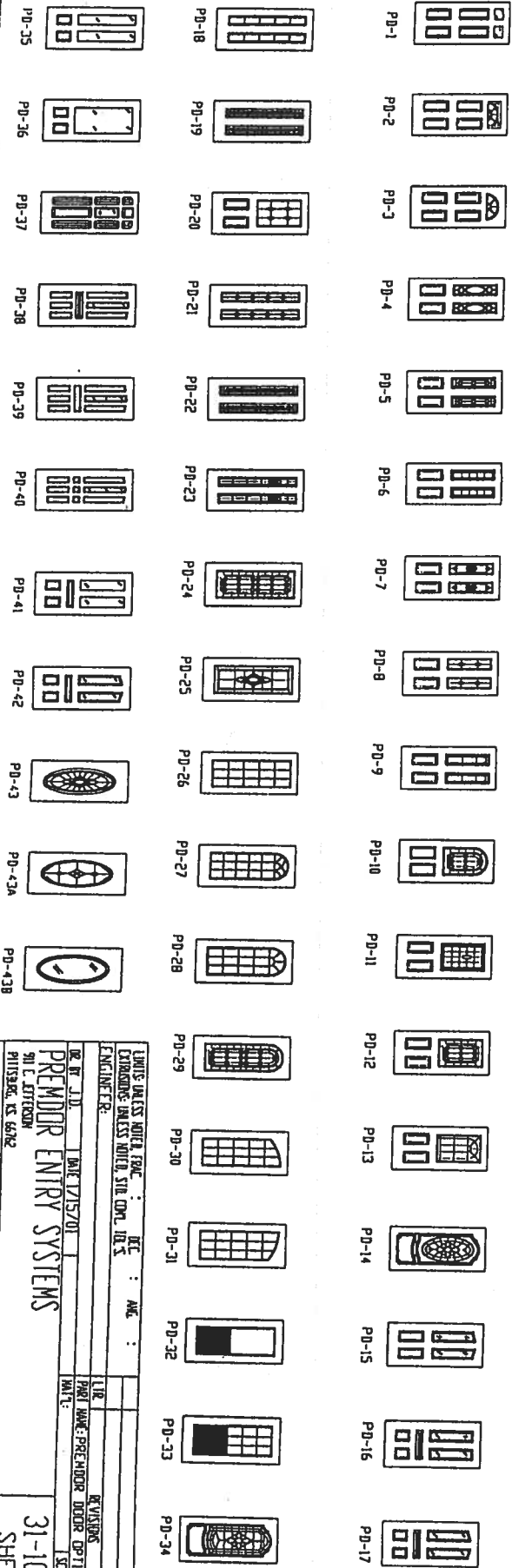
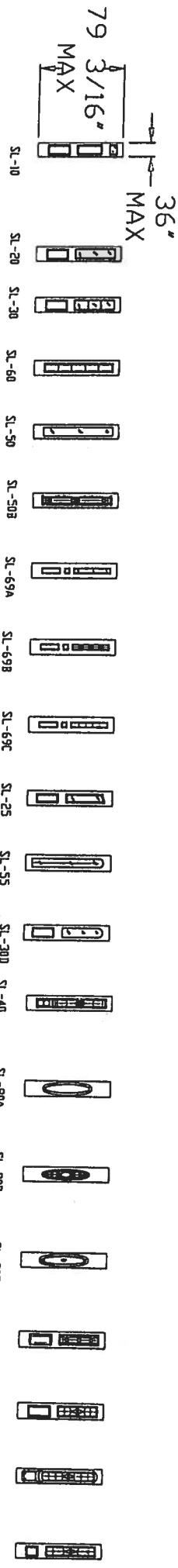
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2007
BY *Michael J. [Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314-23

UNITS: INCHES, MILLIMETERS	FEET	INCHES	FEET	INCHES
EXTENDING INCHES, MILLIMETERS	FEET	INCHES	FEET	INCHES
ENGINEER	DATE	1-11-01	PROJECT NAME	
PREMIER ENTRY SYSTEMS	DATE		REVISIONS	
31-1029-EM-I	DATE		SCALE	
SHEET 5 OF 6	DATE		BY	
REVISION LETTER	DATE		BY	

OTHER DOOR PANEL STYLES



OTHER SIDELITE STYLES



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY *Maurice J. King*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

UNIT: UNLESS NOTED, FINISH: B.C.		REV. : AM. :	
ENGINEER: J.D.		DATE: 1/15/01	
PREMIER ENTRY SYSTEMS		SCALE: 1/4" = 1'-0"	
511 E. JEFFERSON		REV. : AM. :	
PITTSBURGH, PA 15106		DATE: 1/15/01	
31-1029-EM-1		SHEET 6 OF 6	
REVISION LETTER		DATE: 1/15/01	

810 = 1 1/2" MINIMUM EMBEDMENT
(12) PER HEAD & SHL. (3) PER JAW
ALTERNATE: 3/16" PTH TAPCONS
w/ 1 1/2" MINIMUM EMBEDMENT



2.) WOOD BUCKS BY OTHERS. MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3.) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.

1. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING.

1. MASONRY OR CONCRETE CONSTRUCTION WHERE
DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY
STRUCTURAL WOOD BUCK.

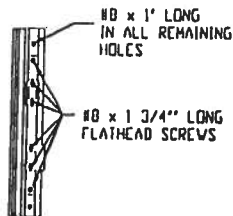
1. MASONRY OR CONCRETE CONSTRUCTION WHERE
DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE
OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL
LINE BY WOOD BUCK.

1. ALL ANCHORING SCREWS TO BE #10 WITH
MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE
OR 3/16" PFH TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT
INTO MASONRY.

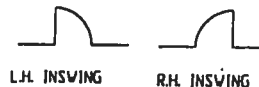
- UNIT MUST BE INSTALLED WITH 'MIAMI-DADE COUNTY
APPROVED' SHUTTERS
THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES
AND DOOR, THREE STAPLES PER JAMB INTO THRESHOLD ON
SIDELITES AND DOOR.

- LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE
AMBS AND SIDELITES.

1. DOOR/SIDELITE HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE
CORNERS ARE COPED AND BUTT JOINED.
2. DOORS SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY RUST
INHIBITIVE PRIMER PAINT WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.
3. FRAMES SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/
WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.



ASTRAGAL



L.H. INSVING

R.H. INSVING

DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED *
Positive	NOT APPROVED *	+55.0 psf
Negative	NOT APPROVED *	-55.0 psf

* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SKILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY M. J. Terry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

LIMITS: UNLESS NOTED, FRAC. : DEC : ANG. :		C	BASIC COUNTY MODIFICATIONS		1/17/90	JO
EXTENSIONS: UNLESS NOTED, STD. COM. IOL'S :		A	ADDED PAGE 5 (BOOK OPTIONS)		10-1-78	RS
ENGINEER:		1B	ADD OTHER CONFIGURATIONS		12/28/77	RS
		1C	REVISIONS		DATE	BY
BY: R.S.		PART	NAME: EMERGENCY DETAIL, EIGHT NUMBER ROAD VARIATIONS			
DATE: 7-29-97		DATE:	SCALE: N.T.S.			
PRELIMINARY ENTRY SYSTEMS			31-1029-EM-1			
911 E. JEFFERSON			SHEET 1 OF 6			
PITTSBURGH, PA. 15222						

CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822

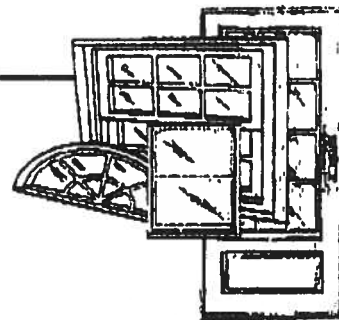
(407) 384-7744 • Fax (407) 384-7751

Web Site: www.ctlarch.com

E-mail: ctlarch.com

Report Number: CTLA-991W-1-AWT

Report Date: February 18, 2003



STRUCTURAL PERFORMANCE TEST REPORT

Client: ACTION WINDOOR TECHNOLOGY INC
1312 W. CROSBY ROAD
CARROLLTON, TX 75006

Product Type and Series: AWT Series 3950 Vinyl Fin Frame Single Hung Window with Reinforced Sash Top Rail, Stiles & Meeting Rail H-R40 (36" x 72")

Test Specifications: AAMA/NWDA 101/IS-2-97 "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors"

Frame: Vinyl Fin frame measured 35.50" wide x 71.50" high overall. Mitered corner weld construction. Fixed meeting rail secured to each frame jamb with one (1) #8 x 2" PH., PH. screw.

Ventilator: Operable sash measured 33.375" wide x 35.25" high overall. Mitered corner weld construction. Clear lite measured 31.5625" high x 33.5625" high. Fixed lite measured 32.50" wide x 33.4375" high.

Weather Stripping: One (1) strip of woolpile .220" high with integral plastic fin frame sill. One (1) strip of woolpile .250" high with integral plastic fin sash top rail exterior. One (1) strip of woolpile .250" high each sash stile exterior leg. One (1) strip of woolpile .250" high with integral plastic fin each sash stile interior leg. One (1) strip of foam filled bulb weatherstrip sash bottom rail.

Hardware & Location: Two (2) metallic sweep locks located on sash top rail approx 8" from each end of rail. Two (2) metallic keepers located on fixed meeting rail. One (1) tilt latch at each end of sash top rail. One (1) block and tackle at each frame jamb. One (1) pivot bar at each end of sash bottom rail.

Glazing: 5/8" insulated annealed glass consisting of .125" glass .375" air space with swiggle .125" glass. Sash exterior glazed. Fixed lite interior glazed adhesive foam strip backbedding and vinyl snap in glazing bead.

Sealant: A silicone type sealant was used on sill and to seal specimen to test buck.

Weep System: Weep notch measuring 2.25" x leg height located each end of sill weeping to the exterior.

Muntins: N/A

Reinforcement: Fixed meeting rail has one (1) piece of extruded aluminum reinforcement measuring .662" wide x .755" high x .099" thick x full length. Top rail, and sash stiles has one (1) piece of extruded aluminum reinforcement measuring .590" wide x .995" high x .115" thick x full length.

Additional Description: N/A

Screen: Roll formed aluminum frame, fiberglass mesh with vinyl splino. Two (2) metallic retainer clips and two (2) metallic plungers. Corners secured with plastic corner keys

Installation: Twenty-six (26) 1.75" roofing nails were used to secure the specimen to the wood test buck. Five (5) were located in head and sill measuring 4", 13", 21", 29", and 33" from left jamb. Eight (8) were located in each jamb measuring 4.50", 14.25", 24", 32.75", 42", 57.25", 60.50" and 70" from sill.

Surface Finish: White Vinyl

Comment: Nominal 2 mil polyethylene film was used to seal against air leakage during structural loads. The film was used in a manner that did not influence the test results.

Performance Test Results

<u>Paragraph No</u>	<u>Title of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration @ 1.57 psf	ASTM E283-91	.18 cfm/ft ²	.34 cfm/ft ²
The tested specimen meets or exceeds the performance levels specified in AAMA/NWWDA 101A.5.2-97. Results recorded in two (2) decimals at the clients request. Unit tested with shims installed under cam locks.				
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 6.75 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
	Unit tested with insect screen.			
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 6 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
	Unit tested without insect screen.			
2.1.4.2	Uniform Load Structural Permanent Deformation @ 60 psf positive @ 60 psf negative	ASTM E330-90 Ten (10) second load	.015" .005"	.134" .134"
2.1.8	Forced Entry Resistance	AAMA 1302.5-76		
	Test A		0"	1/2"
	Test B		0"	1/2"
	Test C		0"	1/2"
	Test D, E and F		0"	1/2"
	Test G		0"	1/2"

Performance Test Results (continued)

Paragraph No	Title of Test	Method	Measured	Allowed
2.2.2.5.1	Operating Force Sash	AAMA/NWDA 101/1.S.2-97	18 lbs.	30 lbs.
2.2.2.5.2	Deglazing	ASTM E987-88		
	Top Rail 70 lbs.		.039" = 7.8% < 100%	
	Bottom Rail 70 lbs.		.038" = 7.6% < 100%	
	Left Side 50 lbs.		.050" = 10% < 100%	
	Right Side 50 lbs.		.035" = 7.0% < 100%	
2.1.7	Welded Corner Test	AAMA/NWDA 101/ IS2-97	Passed	

Test Date

November 21, 2002

Test Completion Date:

November 21, 2002

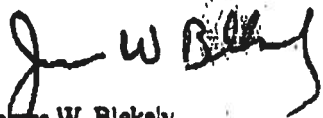
Remarks:

Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.



James W. Blakely
Vice President
Architectural Division

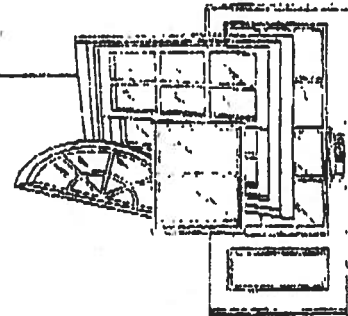
cc: Action Window Technology Inc.
File

(3)

(1)

CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822
(407) 384-7744 • Fax (407) 384-7751
Web Site: www.ctlarch.com
E-mail: ctlarch.com



Report Number: CTLA-1038W-AWT
Report Date: February 19, 2003

STRUCTURAL PERFORMANCE TEST REPORT

Client: ACTION WINDOOR TECHNOLOGY INC.
1312 W. CROSBY ROAD
CARROLLTON, TX 75006

Product Type and Series: AWT Series 3950 Vinyl Fin Frame Single Hung Window with Transom and Reinforced Meeting Rail & Top Rail (36" x 72") Design Pressure 45

Test Specifications: ASTM E 283-91 "Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen."
ASTM E 547-93 "Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference"
ASTM E 331-93 "Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Static Air Pressure Differential."
ASTM E 330-90 "Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference."

Frame: Vinyl fin frame measured 35.50" wide x 71.50" high overall. Mitered corner weld construction. Fixed meeting rail secured to each frame jamb with one (1) #8 x 2" PH. screw. Transom bottom rail secured to each frame jamb with four (4) #8 x 2" PH. screws

Ventilator: Operable sash measured 33.375" wide x 29.25" high overall. Mitered corner weld construction. Clear lite measured 31.5625" high x 27.5625" high. Fixed lite measured 32.50" wide x 27.4375" high. Transom lite measured 32.50" wide x 8.50" high.

Weather Stripping: One (1) strip of woolpile .220" high with integral plastic fin frame sill. One (1) strip of woolpile .250" high with integral plastic fin sash top rail exterior. One (1) strip of woolpile .250" high each sash stile exterior leg. One (1) strip of woolpile .250" high with integral plastic fin each sash stile interior leg. One (1) strip of foam filled bulb weatherstrip sash bottom rail.

Hardware & Location: Two (2) metallic sweep locks located on sash top rail approx 8" from each end of rail. One (1) tilt latch at each end of sash top rail. One (1) block and tackle at each frame jamb. One (1) pivot bar at each end of sash bottom rail.

Glazing: 5/8" insulated annealed glass consisting of .125" glass .375" air space with swiggle .125" glass. Sash exterior glazed. Fixed and transom lites interior glazed adhesive foam strip backbedding and vinyl snap in glazing bead.

Sealant: A silicone type sealant was used at sill corners and to seal specimen to test buck.

Weep System: Weep notch measuring 2.25" x leg height located each end of sill weeping to the exterior.

Muntins: N/A

Reinforcement: Fixed meeting rail has one (1) piece of extruded aluminum reinforcement measuring .662" wide x .755" high x .099" thick x full length. Top rail has one (1) piece of extruded aluminum reinforcement measuring .590" wide x .995" high x .115" thick x full length.

Additional Description: N/A

Screen: Roll formed aluminum frame, fiberglass mesh with vinyl spline. Two (2) metallic retainer clips and two (2) metallic plungers. Corners secured with plastic corner keys

Installation: Twenty-six (26) 1.75" roofing nails were used to secure the specimen to the wood test buck. Five (5) were located in head and sill measuring 4", 13", 21", 29", and 33" from left jamb. Eight (8) were located in each jamb measuring 4", 14.25", 24", 32.75", 42", 51", 60" and 69" from sill.

Surface Finish: White Vinyl

Comment: Nominal 2 mil polyethylene film was used to seal against air leakage during structural loads. The film was used in a manner that did not influence the test results.

Performance Test Results

<u>Paragraph No</u>	<u>Title of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration @ 1.57 psf	ASTM E283-91	.28 cfm/ft ²	.34 cfm/ft ²
The tested specimen meets or exceeds the performance levels specified in AAMA/NWWDA 101/1.5.2-97. Results recorded in two (2) decimals at the clients request.				
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 6.75 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
Unit tested with and without insect screen.				
2.1.4.2	Uniform Load Structural Permanent Deformation	ASTM E330-90 Ten (10) second load		
DP= +45	@ 67.5 psf positive		.019"	.142"
DP= - 45	@ 67.5 psf negative		.009"	.142"

Test Date January 27, 2003

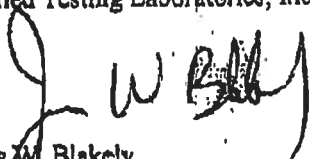
Test Completion Date: January 27, 2003

Remarks: Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.



James W. Blakely
Vice President
Architectural Division

cc: Action Window Technology Inc. (3)
File (1)



March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami – Dade County Building Code Office (BCCO). These products also meet the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product certification:

ASTM D3462

PA 100 (110 mph uplift and wind driven rain resistance)

PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami – Dade Notice of Acceptance Numbers (NOA).

Raised Profile, Prestique High Definition, Prestique 25, or Prestique 30 –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.04

Prestique I 35 or Prestique I* –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.05

Prestique Plus or Prestique Gallery Collection* –

PA 100 = 4 nails

PA 107 = 4 nails

MD NOA# = 01-1226.03

Capstone*

PA 100 = 4 Nails

PA 107 = 4 Nails

MD NOA# = 01-0523.01

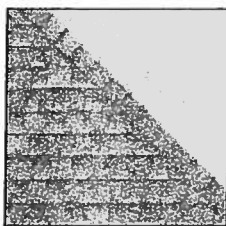
* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty.

If there are any questions please contact:

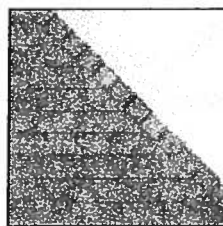
Mike Reed – Technical Manager
(205) 342-0287

or

Daniel DeJarnette – QA Engineer
(205) 342-0298



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

*Prestique Plus High Definition
and Prestique Gallery Collection*

Product size 13 1/4" x 39 1/2"
Exposure 5 1/2"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 11

50-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Raised Profile

Product size 13 1/4" x 38 1/2"
Exposure 5 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Prestique I High Definition

Product size 13 1/4" x 39 1/2"
Exposure 5 1/2"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 14

40-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX®

Size: 12" x 12"
Exposure: 6 1/2"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique High Definition

Product size 13 1/4" x 38 1/2"
Exposure 5 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakeswood, Sablewood, Hickory, Barkwood**, Forest Green, Wedgewood**, Birchwood**, Sandalwood, Gallery Collection: Balsam Forest®, Weathered Sage®, Sienna Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.
**Check for product availability.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

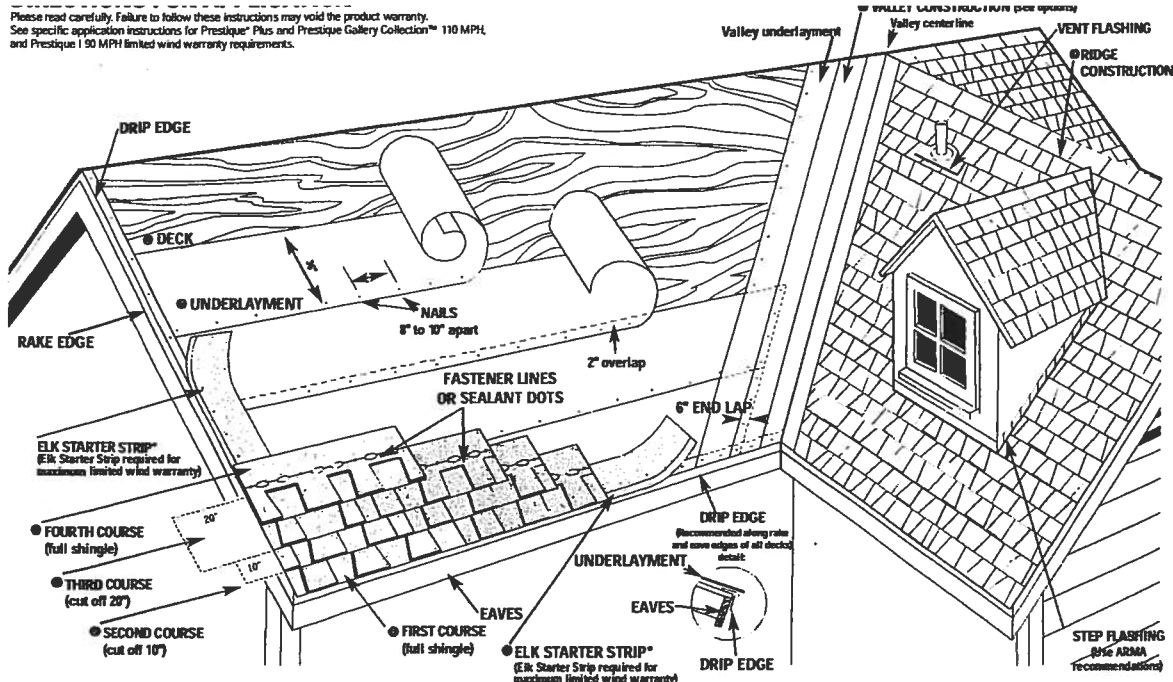
**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

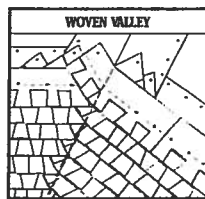
PLANT LOCATION:
800.945.5545

ELK
www.elkcorp.com

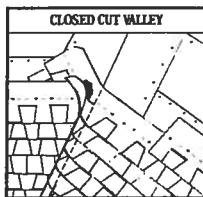
SS00T 01/02



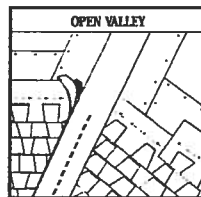
● **VALLEY CONSTRUCTION OPTION** (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual.



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

● DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

● UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two piles of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two piles of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

● STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVERTED WITH THE HEADLAP APPLIED AT THE EAVE EDGE. With at least 4" trimmed from the end of the first shingle, start at the rake edge overhanging the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side. Shingles may be applied with a course alignment of 45° on the roof.

● FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course.

● SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

● THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

● FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof.

● VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying 18" metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

● RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula FLX™ (See ridge package for installation instructions.)

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Always nail or staple through the fastener line and on products without fastener lines, nail or staple between and in line with sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 50° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

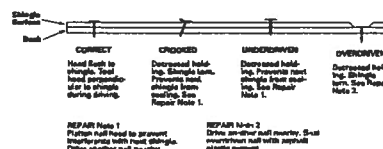
For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.

For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Starter Strip or the Elk Starter Strip overhanging the eaves or rake edge more than 3/4" of an inch.



HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the 'fastener line' or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a UL® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALE: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

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All trademarks, ® are registered trademarks of Elk Corporation of Dallas, an ELCOR company. Raised Profile, RidgeCrest, Gallery Collection and FLX are trademarks pending registration of Elk Corporation of Dallas. UL is a registered trademark of Underwriters Laboratories, Inc.

ELK
www.elkcorp.com

FLORIDA DEPARTMENT OF Community Affairs



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#)

- ▶ COMMUNITY PLANNING
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FL #	FL1476-R2
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	<input type="checkbox"/>
Product Manufacturer	Elk Corporation
Address/Phone/Email	4600 Stillman Blvd. Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com
Authorized Signature	Daniel DeJarnette daniel.dejarnette@elkcorp.com
Technical Representative	Daniel DeJarnette
Address/Phone/Email	4600 Stillman Blvd Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Certification Mark or Listing
Certification Agency	Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)

Standard

ASTM D3462

TAS 107

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

09/20/2005

Date Validated

09/27/2005

Date Pending FBC Approval

09/29/2005

Date Approved

10/11/2005

Summary of Products

FL #	Model, Number or Name	Description
1476.1	Elk Prestique Shingles	Laminated Asphalt Shingles
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 1) All FBC sections apply except for those pertaining to Miami - Dade and Broward Counties 2) Refer to NOA # 0500706.07 for use in Dade and Broward Counties		Certification Agency Certificate Installation Instruction <u>PTID 1476 R2 I Specs</u> <u>PTID 1476 R2 I UL Pre</u> Verified By:

Back

Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

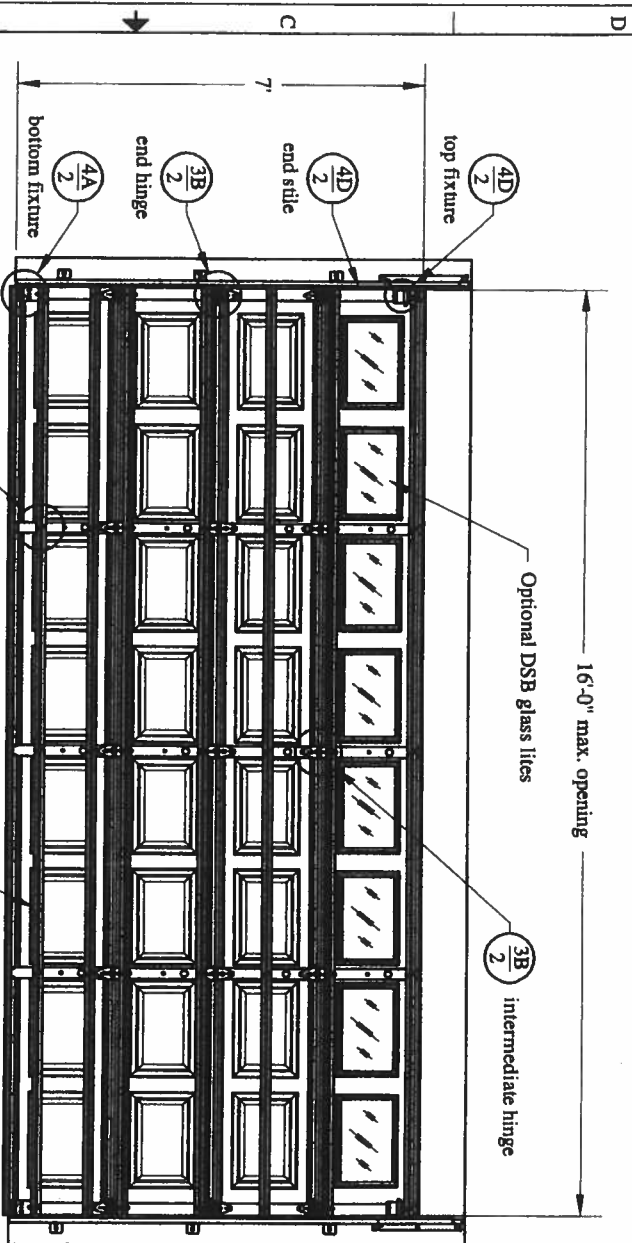
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:

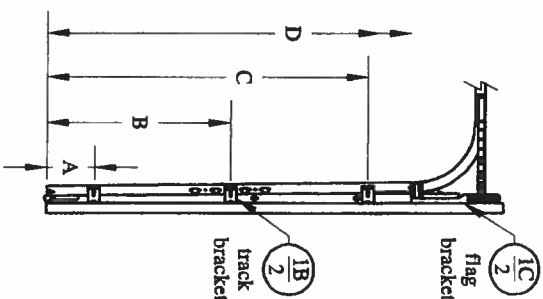


Door Model	Gauge	Decimal
2250/2251	.25	.0185
4250/4251	.25	.0185
2240/2241	.24	.0225
4240/4241	.24	.0225
5240/5241	.24	.0225



door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



Track Bracket Chart	door height									
	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"	
track brackets										
D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"	
C	60"	63"	66"	58"	55"	58"	60"	63"	66"	
B	35"	35"	38"	34"	31"	34"	32"	35"	38"	
A	10"	7"	10"	10"	7"	10"	4"	7"	10"	

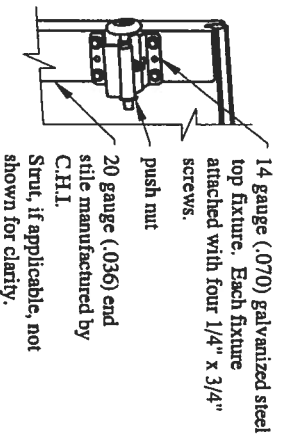
Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108-2002
 Design Pressure (DP): 18.5 pos / 20.7 neg
 Test Pressure (TP): 27.8 pos / 31.1 neg
 Per 2004 FBC Table 1609.6E, DP meets or exceeds basic wind speed of:
 V = 110 MPH for Exposure B and mean roof height of 30' or less
 V = 93 MPH for Exposure C and mean roof height of 30' or less
 Maximum door size: 16'-0" wide by 14'-0" tall
 Glazing and door have not been tested for windborne debris.
 Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.
 If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided
 only for verification of windload
 construction details

John E. Scates, P.E.
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737

Details on some views may have been omitted for clarity.



The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16\" x 1-5/8\" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2\" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4\" x 5/8\" track bolt and nut.

End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4\" x 3/4\" screws.
push nut

Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4\" x 3/4\" screws.

2\" steel track roller.

2 3/4\"

2 3/4\"

1 7/8\"

Each track bracket attached with one 1/4\" x 5/8\" track bolt and nut.
Or two 1/4\" x 11/32\" rivets.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4\" x 3/4\" screws.

20 gauge (.034) 33 ksi galvanized steel 3\" strut attached with two 1/4\" x 3/4\" screws per stile or hinge plate.

Aluminum extrusion

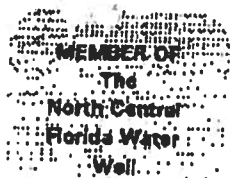
Vinyl weatherstrip

Professional Engineer's seal provided only for verification of windload construction details

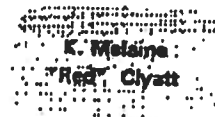
John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

Model 2250/51 (16'-0\" wide)
C.H.I. Drawing: Z3-1607-01100



Clyatt Well Drilling, Inc.
(Established in 1971)
POST OFFICE BOX 180
WORTHINGTON SPRINGS, FLORIDA 32697



Telephone Number (386)496-2488
FAX Number (386)496-4640

June 18, 2002

Columbia County Building Department
Post Office Box 1529
Lake City, Florida 32056

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

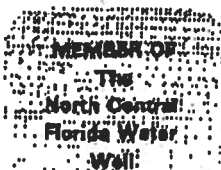
Size of Pump Motor:	1-1/2 Horse Power
Size of Pressure Tank:	220 Gallon Equivalent
Cycle Stop Valve Used:	No

Should you require any additional information, please do not hesitate to contact us.

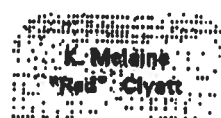
Respectfully,

CLYATT WELL DRILLING, INC.

K. Melaine "Red" Clyatt
President



Clyatt Well Drilling, Inc.
(Established in 1971)
POST OFFICE BOX 180
WORTHINGTON SPRINGS, FLORIDA 32697



Telephone Number (386)496-2488
FAX Number (386)496-4640

**PUMP AND TANK SPECIFICATIONS FOR
STANDARD 4" RESIDENTIAL WELLS**

PUMPS

1 Horse Power Submersible Pump
20 Gallons Per Minute
Voltage: 240
Phase: (Single) 1

1.5 Horse Power Submersible Pump
25 Gallons Per Minute
Voltage: 240
Phase: (Single) 1

TANK

WF-255 Captive Air Tank
Capacity 81 Gallons
Equivalent 220 Gallons
Draw Down 25 Gallons

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 11/1/07

1099 S. W. Watson St. Ft. White, FL 32038

(Address of Treatment or Lot/Block of Treatment)

Ft. White, FL 32038

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1816.1

(Information to be provided to local building code offices prior to concrete foundation installation.)

6/05

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 11111 Ave. C

City: Lawrenceville Phone: 770-410-1111

Site Location: Subdivision 11111

Lot # 25476 Block # 25476 Permit # 25476

Address 1099 SW WATSON ST

Product used Active Ingredient % Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____

Date 3/12/07 Time 1130

Print Technician's Name 125460000

Remarks:

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 26-5S-16-03717-128

Building permit No. 000025496

Use Classification SFD/UTILITY

Fire: 16.74

Permit Holder WM. STANLEY CRAWFORD

Waste: 50.25

Owner of Building STEPHEN SERABALLS

Total: 66.99

Location: 1099 SW WATSON ST, FT. WHITE, FL

Date: 07/16/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

