

DATE 02/19/2013

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000030791

APPLICANT BEVERLY DERRINGER PHONE 386.418.4663
ADDRESS 13919 NW 145TH AVENUE ALACHUA FL 32615
OWNER PATRICIA RILEY PHONE 386.344.5024
ADDRESS 479 SW PECAN GLEN LAKE CITY FL 32024
CONTRACTOR WILLIAM C. HERRING PHONE 386.418.4663
LOCATION OF PROPERTY 47-S TO WINGATE,TR TO ZEIGLER,TR TO PECAN,TL AND
FOLLOW TO END OF ROAD @ WHITE BOARD FENCE.

TYPE DEVELOPMENT INTERIOR REMODEL ESTIMATED COST OF CONSTRUCTION 26599.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 03-5S-16-03458-011 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 4.46

CGC052062
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING BLK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE.

Check # or Cash 13893

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Insulation date/app. by
Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by
Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 135.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 135.00
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

CHERRYBROOK CALVARY
CHURCH

COMPLETION

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 03-5S-16-03458-011

Building permit No. 000030791

Permit Holder WILLIAM C. HERRING

Type INTERIOR REMODEL

Owner of Building PATRICIA RILEY

Location: 479 SW PECAN GLEN, LAKE CITY, FL 32024

Date: 05/03/2013

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Columbia County Building Permit Application

☒ MIKE MURPHY (L)
☒ STUART MONEIL (L)

☒ *already all updates + w/L*

For Office Use Only Application # 1302-13 Date Received 2-7-13 By J.C. Permit # 30791
 Zoning Official BLK Date 13 Feb. 2013 Flood Zone X Land Use _____ Zoning _____
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner J.C. Date 2-12-13
 Comments _____
☒ NOC ☐ EH ☒ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Well letter ☐ 911 Sheet ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ ☐ Sub VF Form
 Road/Code _____ School _____ = TOTAL (Suspended) ☐ Ellisville Water ☒ App Fee Paid

Septic Permit No. N/A Fax 386-462-7718

Name Authorized Person Signing Permit Beverly Deringer *(-904-251-4933)* Phone 386-418-4663

Address 13919 N.W. 145th Ave Alachua, FL 32615

Owners Name Patricia Riley Phone 386-344-5024

911 Address 479 S.W. Pecan Glen Lake City, FL 32024

Contractors Name Fla. Homes, Inc R/C - Wm CARL HERNING Phone 386-418-4663

Address 13919 N.W. 145th Avenue Alachua, FL 32615

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address N/A

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

Property ID Number 03-55-16-03458-011 Estimated Cost of Construction \$26,599.00

Subdivision Name Pecan Acres Lot 8 Block _____ Unit (____) Phase _____

Driving Directions I-75 South to exit on SR 47, Turn right towards Ft. White, go past Columbia City Elementary, Turn right onto SW Wingate St. (240) just past the B&B/skell, turn right on SW Ziegler Terr, Turn left on SW Pecan Glen follow to end of the road at white board fence. Number of Existing Dwellings on Property _____

Construction of INTERIOR REMODEL Total Acreage 4.46 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____

Number of Stories _____ Heated Floor Area _____ Total Floor Area _____ Roof Pitch _____

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. **CODE: Florida Building Code 2010 and the 2008 National Electrical Code.**

*THE SENT 2/13/13 2:13 PM 2-13-13 + LEFT MSG for BEVERLY.
 THE SPOKE 2/13/13 2:14 PM*

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

Patricia A. Riley
Owners Signature

****OWNER-BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Wm. Carl H. [Signature]
Contractor's Signature (Permitee)

Contractor's License Number C4C 052062
Columbia County
Competency Card Number 1282

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 15 day of January 2013.
Personally known _____ or Produced Identification Drivers License

[Signature]
State of Florida Notary Signature (For the Contractor)

SEAL:



NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

03-55-16-03458-011

Clerk's Office Stamp

Inst: 201312001967 Date: 2/7/2013 Time: 3:02 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1249 P: 686

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Lot 8 Pecan Acres 3/4
a) Street (job) Address: 479 S.W. Pecan Glen
2. General description of improvements: New windows, doors, HVAC, Handicap ramp, misc repairs
3. Owner Information
a) Name and address: Patricia Riley 479 SW Pecan Glen Lake City, FL 32024
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property _____
4. Contractor Information
a) Name and address: Fla Homes, Inc R/C 13919 N.W. 145th Avenue Alachua, FL 32415
b) Telephone No.: 386-418-7663 Fax No. (Opt.) 386-462-7718
5. Surety Information
a) Name and address: _____
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
a) Name and address: _____
b) Phone No.: _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10.

Patricia S. Riley
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Patricia S. Riley
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 15 day of JANUARY, 20 13, by:
Patricia S. Riley as owner (type of authority, e.g. officer, trustee, attorney
fact) for Self (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification ☒ Type Drivers License

Notary Signature

Brian L. Kepner

Notary Stamp or Seal:



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated are true to the best of my knowledge and belief.

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 COURTS

By Donnie Don Deputy Clerk

Date: Feb 7, 2013



Patricia S. Riley
Signature of Natural Person Signing (in line #10 above.)

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1302-13CONTRACTOR Wai Can Herring
Florida Home Inc. LLCPHONE 386-418-4663

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

<input checked="" type="checkbox"/> ELECTRICAL 1286	Print Name <u>MKM Electrical Services, Inc</u> License #: <u>EC13003662</u>	Signature <u>[Signature]</u> Phone #: <u>352-318-7650</u>
<input checked="" type="checkbox"/> MECHANICAL/A/C 956	Print Name <u>North Central Florida Air Conditioning, Inc</u> License #: <u>CAC057846</u>	Signature <u>[Signature]</u> Phone #: <u>386-454-4767</u>
<input checked="" type="checkbox"/> PLUMBING/GAS 1287	Print Name <u>Ambassador Plumbing</u> License #: <u>CFC048304</u>	Signature <u>[Signature]</u> Phone #: <u>386-566-1157</u>
ROOFING	Print Name _____ License #: _____	
SHEET METAL	Print Name _____ License #: _____	
FIRE SYSTEM/SPRINKLER	Print Name _____ License #: _____	
SOLAR	Print Name _____ License #: _____	

Specialty License	License Number	Subcontractor Signature
MASON		
CONCRETE FINISHER		
FRAMING		
INSULATION		
STUCCO		
DRYWALL		
PLASTER		
CABINET INSTALLER		
PAINTING		
ACOUSTICAL CEILING		
GLASS		
CERAMIC TILE		
FLOOR COVERING		
ALUM/VINYL SIDING		
GARAGE DOOR		
METAL BLDG ERECTOR		

F. S. 440.103 Building permits; Identification of minimum premium policy.—Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form: Subcontractor Form 6/09

P. 1

386-462-7718

Bill Herring

Feb 13 13 10:44

P. 3

386-462-7718

Bill Herring

Feb 13 13 05:25

Columbia County Property Appraiser

CAMA updated: 10/15/2012

2012 Tax Year

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Parcel: 03-5S-16-03458-011

<< Next Lower Parcel Next Higher Parcel >>

Search Result: 1 of 1

Owner & Property Info

Owner's Name	RILEY PATRICIA S		
Mailing Address	479 SW PECAN GLN LAKE CITY, FL 32024		
Site Address	479 SW PECAN GLN		
Use Desc. (code)	MOBILE HOM (000200)		
Tax District	3 (County)	Neighborhood	3516
Land Area	4.460 ACRES	Market Area	01
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 8 PECAN ACRES S/D. ORB 637-750, 720-090, 750-656 768-644, 768-1105, 930-2155,		



Property & Assessment Values

2012 Certified Values		
Mkt Land Value	cnt: (0)	\$29,798.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$12,441.00
XFOB Value	cnt: (2)	\$1,920.00
Total Appraised Value		\$44,159.00
Just Value		\$44,159.00
Class Value		\$0.00
Assessed Value		\$44,159.00
Exempt Value	(code: HX H3)	\$25,000.00
Total Taxable Value	Cnty: \$19,159 Other: \$19,159 Schl: \$19,159	

2013 Working Values

NOTE:

2013 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
7/10/2001	930/2155	WD	I	U	04	\$23,000.00
3/5/1992	768/644	AG	I	U	13	\$23,000.00
1/10/1991	750/656	QC	I	U	02	\$0.00
10/15/1987	637/750	AD	V	U		\$15,100.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
2	MOBILE HME (000800)	1987	(31)	1352	1556	\$11,343.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
------	------	----------	-------	-------	------	--------------------

0255	MBL HOME S	1993	\$720.00	0000720.000	12 x 60 x 0	(000.00)
0190	FPLC PF	2007	\$1,200.00	0000001.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	4.46 AC	1.00/1.00/1.00/1.00	\$6,232.95	\$27,798.00
009945	WELL/SEPT (MKT)	1 UT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

CAMA updated: 10/15/2012

1 of 1

DISCLAIMER

This information was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Prepared By and Return To:

John H. Deas
1214 East Duval Street
Lake City FL 32055

Property ID No.

03-5s-

Social Security No.

0930 PG2155

01-12844

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL

'01 JUL 11 AM 10:47

OFFICIAL RECORDS

WARRANTY DEED



This Warranty Deed made this 10th day of July 2001 by JOHN H. DEAS, widower of BETTIE H. DEAS, deceased, the grantor, to PATRICIA S. RILEY, a married person whose address is Rt 14 Box 237 P, Lake City, Florida 32024, hereinafter called the grantee:

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situated in Columbia County, Florida.

Lot #8 Pecan Acres, a subdivision as recorded in Plat Book 5 Page 46, public records of Columbia County, Florida.

Including Well, Septic Tank and 1970 Knox Make Mobile Home 56 X 12, Serial No. G9R60FL27697.

The purpose of this deed is to fulfill the terms and conditions of that certain Agreement For Deed dated March 5, 1992, recorded December 8, 1992, in Official Records Book 768, Pages 644-645 and re-recorded December 11, 1992 in Official Records Book 768, Pages 1105-1107, public records of Columbia County, Florida.

The property described above is not the constitutional homestead property of the grantor herein.

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

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 1992.

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:

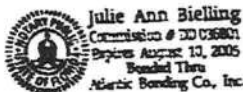
Connie B. Roberts
Witness Connie B. Roberts

John H. Deas L.S.
John H. Deas

Sue D. Lane
Witness Sue D. Lane

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me the 10th day of July 2001, by JOHN H. DEAS. He is personally known to me.



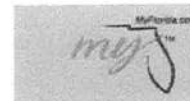
Julie Ann Bielling
Julie Ann Bielling
Notary Public, State of Florida

Documentary Stamp
Intangible Tax
P. DeWitt Cason
Clerk of Court
By MCK S.C.

\$16.00



FLORIDA DEPARTMENT OF
Business & Professional Regulation



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Florida Department of
Business & Professional Regulation

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Product Approval
USER: Public User

License efficiently. Regulate fairly.

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OFFICE OF THE
SECRETARY

FL #	FL1722-R4				
Application Type	Revision				
Code Version	2010				
Application Status	Approved				
	*Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.				
Comments					
Archived	<input type="checkbox"/>				
Product Manufacturer	Elixir Industries Georgia Door Division				
Address/Phone/Email	1215 Pope Drive Douglas, GA 31533 (770) 459-8183 bpowers@elixirind.com				
Authorized Signature	Robert Powers bpowers@elixirind.com				
Technical Representative	PTC Product Design Group				
Address/Phone/Email	PO Box 520775 Longwood, FL 32752 (321) 690-1788 info@ptc-corp.com				
Quality Assurance Representative					
Address/Phone/Email					
Category	Exterior Doors				
Subcategory	Swinging Exterior Door Assemblies				
Compliance Method	Certification Mark or Listing				
Certification Agency	American Architectural Manufacturers Association				
Validated By	American Architectural Manufacturers Association				
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM E330</td> <td>2002</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM E330	2002
<u>Standard</u>	<u>Year</u>				
ASTM E330	2002				
Equivalence of Product Standards Certified By					

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

03/06/2012
03/09/2012

03/14/2012

Summary of Products		
FL #	Model, Number or Name	Description
1722.1	402-14	Vinyl Steel Out-Swinging Regular Door - 14"x14" Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other:		Certification Agency Certificate FL1722 R4 C CAC EXR 402-14 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0050 Rev0 402-14.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.2	402-20S	Vinyl Steel Out-swinging Regular Door - 20" slider window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-45 Other:		Certification Agency Certificate FL1722 R4 C CAC EXR 402-20S E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0051 Rev0 420-20S.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.3	407	Vinyl Steel Out-swinging Regular Door - Blank (no window)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-45 Other:		Certification Agency Certificate FL1722 R4 C CAC EXR 407 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0052 Rev0 407.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.4	430 W9	Vinyl Steel Out-swinging Regular Door - 9-Lite Window (1'8" x 3'0")
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +33/-40 Other:		Certification Agency Certificate FL1722 R4 C CAC EXR 430-W9 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0053 Rev0 430-W9.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.5	6400-W9	Painted Steel In-swing Door with 9-Lite Window (1'8" x 3'0") and Full View Storm Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +56/-60 Other:		Certification Agency Certificate FL1722 R4 C CAC EXR 6400-W9 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0035 Rev0 6400-W9.pdf Verified By: Robert J. Amoruso, P.E. FL License No.

		49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.6	8500 W9	Steel Clad In-swing Door with 9-Lite Window (1'8" x 3'0") and Full View Storm Door Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:
		Certification Agency Certificate FL1722 R4 C CAC EXR 8500-W9 E330.pdf Quality Assurance Contract Expiration Date 09/15/2015 Installation Instructions FL1722 R4 II ELIX0036 Rev0 8500-W9.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.7	9000	Steel Clad In-swing Door (no window) and Full View Storm Door Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +60/-60 Other:
		Certification Agency Certificate FL1722 R4 C CAC EXR 9000 60 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0037 Rev0 9000.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.8	9400-W9	Steel Clad In-swing Door with 9-Lite Window (1'8" x 3'0") and Full View Storm Door Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +60/-60 Other:
		Certification Agency Certificate FL1722 R4 C CAC EXR 9400-W9 E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0038 Rev0 9400-W9.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes
1722.9	STR 7000 Oval	Standard Residential Door with 20-1/2" x 56" Oval and Full View Storm Door Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +60/-60 Other:
		Certification Agency Certificate FL1722 R4 C CAC EXR STR 7000-Oval E330.pdf Quality Assurance Contract Expiration Date 09/14/2015 Installation Instructions FL1722 R4 II ELIX0039 Rev0 STR-7000.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL1722 R4 AE PER 1951 Rev0 411-0916.pdf Created by Independent Third Party: Yes

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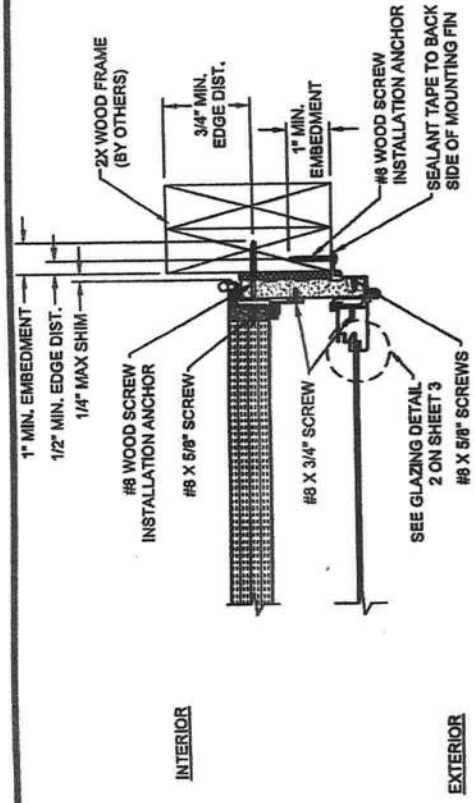
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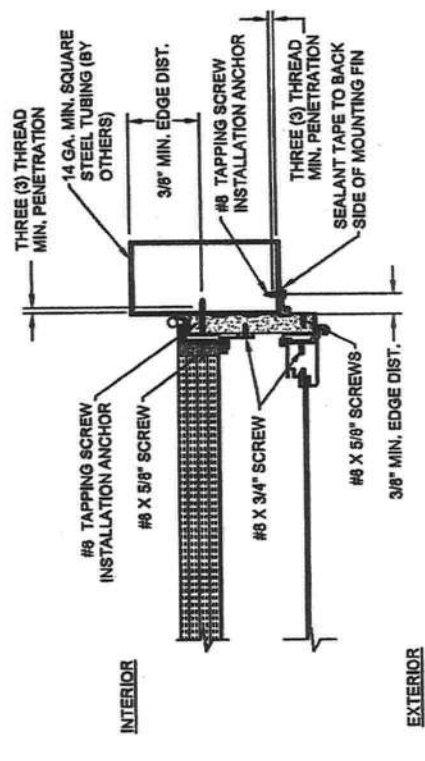
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PROJECT NUMBER 411-0916		DATE 02/29/12		DRAWING NO. ELI		SHEET 4 OF 4	
TITLE MODEL 9000 NON-IMPACT INSULATED STEEL DOOR W/STORM DOOR HORIZONTAL CROSS SECTIONS		SCALE N.T.S.		DATE 02/29/12		DRAWING NO. ELI	
<p>ELIXER INDUSTRIES 1300 POPE DRIVE DOUGLAS, GEORGIA 31535</p>							

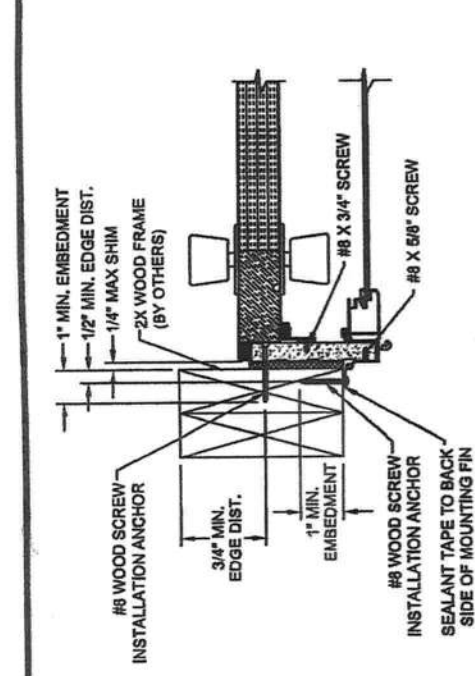
Robert J. Amoroso, P.E.
FL P.E. No. 49752



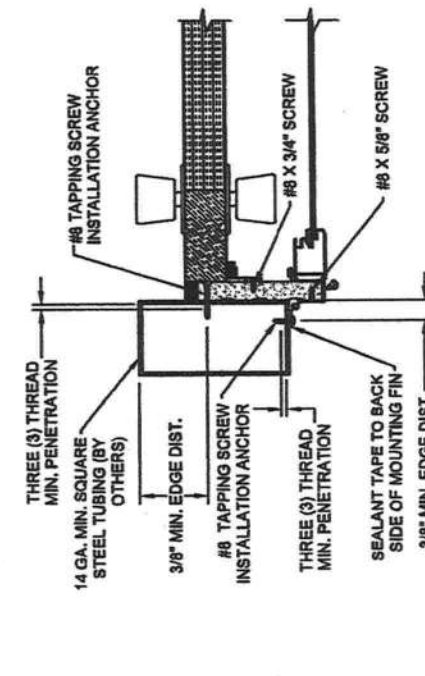
F HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



H HORIZONTAL SECTION
STEEL TUBING SUBSTRATE



E HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



G HORIZONTAL SECTION
STEEL TUBING SUBSTRATE

ELIXER INDUSTRIES

MODEL 9000 NON-IMPACT INSWING VINYL LAMINATED STEEL DOOR W/STORM DOOR

INSTALLATION ANCHORAGE DRAWING

GENERAL NOTES:

- THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE (FBC) EXCLUDING HIGH VELOCITY HURRICANE ZONE AND THE DESIGN PRESSURE(S) STATED HEREIN
- THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT DALLAS LABORATORIES, INC. #44373 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
- ADEQUACY OF THE EXISTING STRUCTURAL 2X FRAMING OR STEEL FRAMING, AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- IN AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGION IS MANDATORY FOR THE PRODUCT HEREIN.

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	NONE
**	+60.0 / -40.0	

**UNIT MUST BE INSTALLED BENEATH AN APPROVED OVERHANG

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATION, ANCHORING LAYOUT
3	VERTICAL- CROSS SECTIONS AND GLAZING DETAIL
4	HORIZONTAL CROSS SECTIONS

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
- THE INSTALLATION ANCHORS AT THE SPACINGS SHOWN ARE THE MINIMUM NUMBER OF ANCHORS AND MAXIMUM SPACINGS TO BE USED FOR PRODUCT INSTALLATION.
- SHM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHMS). MAXIMUM ALLOWABLE SHM SIZE OF 1/4 INCH. SHM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHMS) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- ANCHORS FOR INSTALLATION INTO WOOD FRAMING OR 14GA. MINIMUM STEEL FRAMING SHALL BE AS SHOWN IN "ANCHOR SCHEDULE" THIS SHEET.

- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE "ANCHOR SCHEDULE" THIS SHEET.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

ANCHOR SCHEDULE			
SUBSTRATE	STORM DOOR FRAME TYPE	TYPE	SIZE
SHEET METAL/STEEL TUBING 14 GA. MIN. THICKNESS	FN (Z-BAK)	PAN HEAD	NO. 8
2X WOOD FRAMING	FN (Z-BAK)	PAN HEAD	NO. 8

NOTE: 1) FOR WOOD OR TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 0.082" PILOT HOLE (DRILL SIZE 49). 2) EDGE DISTANCES MEASURED FROM EITHER SIDE OF ANCHOR TO EDGE OF SUBSTRATE.

ANCHOR SCHEDULE			
SUBSTRATE	ENTRY DOOR FRAME TYPE	TYPE	SIZE
SHEET METAL/STEEL TUBING 14 GA. MIN. THICKNESS	THRU-FRAME	FLAT HEAD	NO. 8
2X WOOD FRAMING	THRU-FRAME	FLAT HEAD	NO. 8

NOTE: 1) FOR WOOD OR TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 0.102" PILOT HOLE (DRILL SIZE 59). 2) EDGE DISTANCES MEASURED FROM EITHER SIDE OF ANCHOR TO EDGE OF SUBSTRATE.

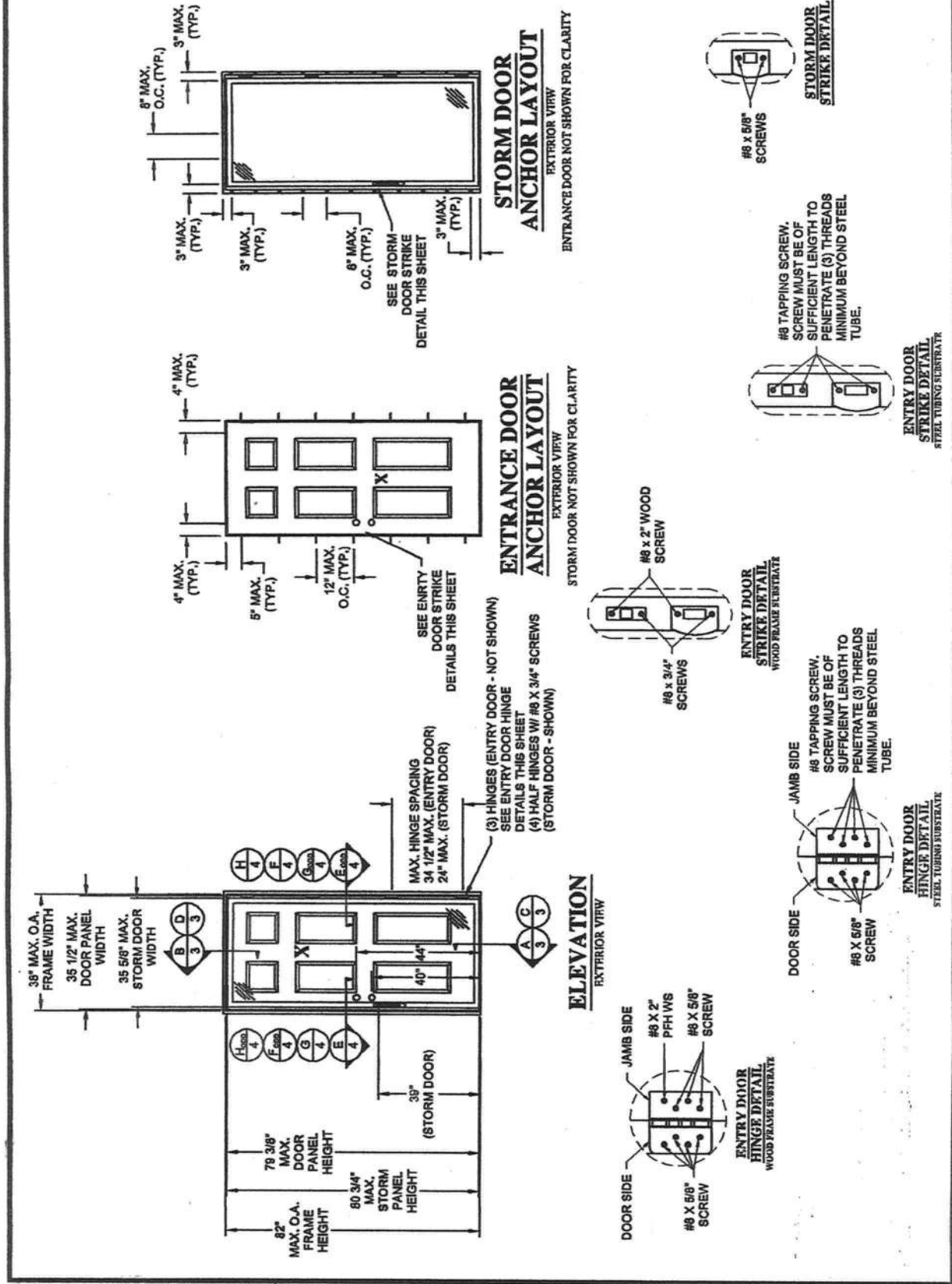
PROJECT NUMBER: 411-0916		DATE: 02/29/12		DRAWN BY: T.J.H.		CHECKED BY: N.T.S.	
MODEL 9000 NON-IMPACT INSWING STEEL DOOR W/STORM DOOR		GENERAL AND INSTALLATION NOTES		DOUGLAS, GEORGIA 31688		1300 POPE DRIVE	
ELIXER INDUSTRIES		P.T.C. PRODUCT DESIGN GROUP, LLC		P.O. BOX 1000		LAKEWOOD, FLORIDA 32707	

Robert J. Amoroso, P.E.
FL P.E. No. 49752



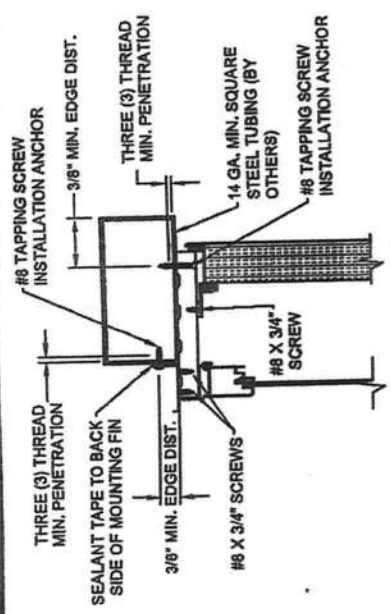
PROJECT NUMBER 411-0916		DATE 02/29/12		DRAWING NO. ELK		SCALE N.T.S.		SHEET 2	
TITLE ELIXER INDUSTRIES		MODEL 9000 NON-IMPACT INSULING STEEL DOOR W/STORM DOOR ELEVATION AND ANCHOR LAYOUT		DOUGLAS, GEORGIA 31633		1300 POPE DRIVE		REV	

Robert J. Amoroso, P.E.
 FL P.E. No. 49752



PROJECT NUMBER 411-0916		DATE 02/29/12		SHEET 3 OF 4	
DESCRIPTION		REV		DATE	
TITLE ELIXER INDUSTRIES 1300 POPE DRIVE DOUGLAS, GEORGIA 31535		MODEL 9000 NON-IMPACT INSURING STEEL DOOR W/STORM DOOR VERTICAL CROSS SECTIONS AND GLAZING DETAIL		DATE 02/29/12	
DRAWING NO. N.T.S.		SCALE 1/4" = 1'-0"		SHEET 3 OF 4	

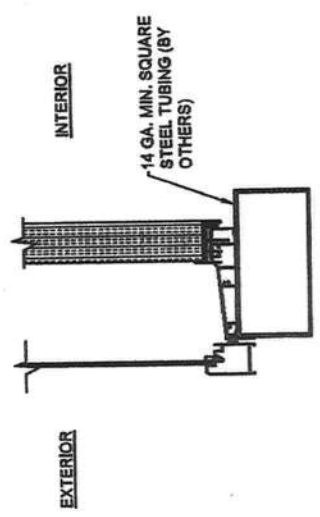
Robert J. Amoroso, P.E.
FL P.E. No. 49752



EXTERIOR

INTERIOR

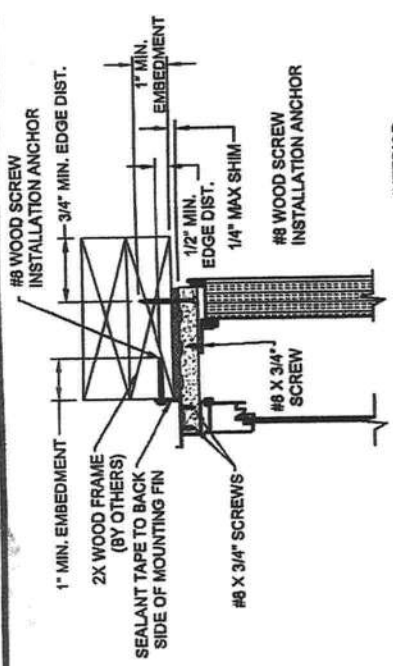
D VERTICAL SECTION
STEEL TUBING SUBSTRATE



EXTERIOR

INTERIOR

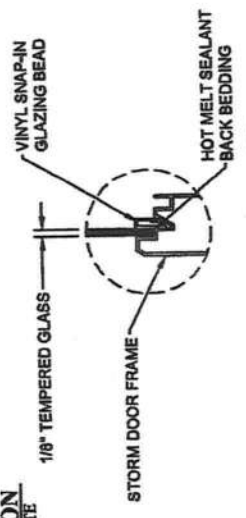
C VERTICAL SECTION
STEEL TUBING SUBSTRATE



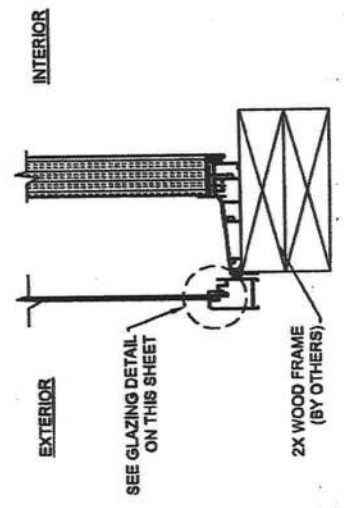
EXTERIOR

INTERIOR

B VERTICAL SECTION
WOOD FRAME SUBSTRATE



GLAZING DETAIL

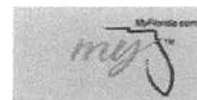


EXTERIOR

INTERIOR

A VERTICAL SECTION
WOOD FRAME SUBSTRATE

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FL #	FL993-R9						
Application Type	Revision						
Code Version	2010						
Application Status	Approved						
	*Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.						
Comments							
Archived	<input type="checkbox"/>						
Product Manufacturer	Kinro, Inc						
Address/Phone/Email	2703 College Ave. Goshen, IN 46528 (574) 535-1125 rmanthey@lci1.com						
Authorized Signature	Rick Wright rickw@rwbldgconsultants.com						
Technical Representative							
Address/Phone/Email							
Quality Assurance Representative							
Address/Phone/Email							
Category	Windows						
Subcategory	Single Hung						
Compliance Method							
	Certification Mark or Listing						
Certification Agency	American Architectural Manufacturers Association						
Validated By	Ryan J. King, P.E.						
	<input type="checkbox"/> Validation Checklist - Hardcopy Received						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2005</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2008</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	AAMA/WDMA/CSA 101/I.S.2/A440	2005	AAMA/WDMA/CSA 101/I.S.2/A440	2008
<u>Standard</u>	<u>Year</u>						
AAMA/WDMA/CSA 101/I.S.2/A440	2005						
AAMA/WDMA/CSA 101/I.S.2/A440	2008						
Equivalence of Product Standards Certified By							
Product Approval Method	Method 1 Option A						
Date Submitted	04/14/2012						

Date Validated
Date Pending FBC Approval
Date Approved

04/27/2012

05/04/2012

Summary of Products

FL #	Model, Number or Name	Description
993.1	a. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass - (Overall Frame Size Max. 46 x 60)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.0/-50.0 Other: See INST 993.1 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.1 AAMA Cert.pdf Quality Assurance Contract Expiration Date 04/28/2014 Installation Instructions FL993 R9 II INST 993.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.1.pdf Created by Independent Third Party: Yes
993.2	b. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass - (Overall Frame Size Max. 36 x 72)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.0/-66.0 Other: See INST 993.2 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.2 AAMA Cert.pdf Quality Assurance Contract Expiration Date 05/20/2014 Installation Instructions FL993 R9 II INST 993.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.2.pdf Created by Independent Third Party: Yes
993.3	c. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass - (Overall Frame Size Max. 48 x 72)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25.0/-25.0 Other: See INST 993.3 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.3 AAMA Cert.pdf Quality Assurance Contract Expiration Date 05/20/2014 Installation Instructions FL993 R9 II INST 993.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.3.pdf Created by Independent Third Party: Yes
993.4	d. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass with Aluminum Nail Fin - (Overall Frame Size Max. 46 x 60)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.0/-50.0 Other: See INST 993.4 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.4 AAMA Cert.pdf Quality Assurance Contract Expiration Date 04/28/2014 Installation Instructions FL993 R9 II INST 993.4.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.4.pdf Created by Independent Third Party: Yes
993.5	e. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass with Aluminum Nail Fin - (Overall Frame Size Max. 36 x 72)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.0/-66.0 Other: See INST 993.5 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.5 AAMA Cert.pdf Quality Assurance Contract Expiration Date 05/20/2014 Installation Instructions FL993 R9 II INST 993.5.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.5.pdf

		Created by Independent Third Party: Yes
993.6	f. 9750 SH	Extruded PVC Single Hung Tilt Window "Non-Impact" Insulated Glass with Aluminum Nail Fin - (Overall Frame Size Max. 48 x 72)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25.0/-25.0 Other: See INST 993.6 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.6 AAMA Cert.pdf Quality Assurance Contract Expiration Date 05/20/2014 Installation Instructions FL993 R9 II INST 993.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.6.pdf Created by Independent Third Party: Yes
993.7	g. 18000-R VS	Extruded Aluminum Vertical Sliding "Non-Impact" Window with Nail Fin - (Overall Frame Size Max. 30 x 60)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40.0/-40.0 Other: See INST 993.7 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.7 AAMA Cert.pdf Quality Assurance Contract Expiration Date 10/22/2013 Installation Instructions FL993 R9 II INST 993.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.7.pdf Created by Independent Third Party: Yes
993.8	h. 18000-R VS	Extruded Aluminum Vertical Sliding "Non-Impact" Window with Nail Fin - (Overall Frame Size Max. 40 x 63)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25.0/-25.0 Other: See INST 993.8 for installation instructions. (Note - Glazing Shall comply with ASTM E1300-04)		Certification Agency Certificate FL993 R9 C CAC 993.8 AAMA Cert.pdf Quality Assurance Contract Expiration Date 03/23/2016 Installation Instructions FL993 R9 II Inst 993.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL993 R9 AE EVAL 993.8.pdf Created by Independent Third Party: Yes

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 To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





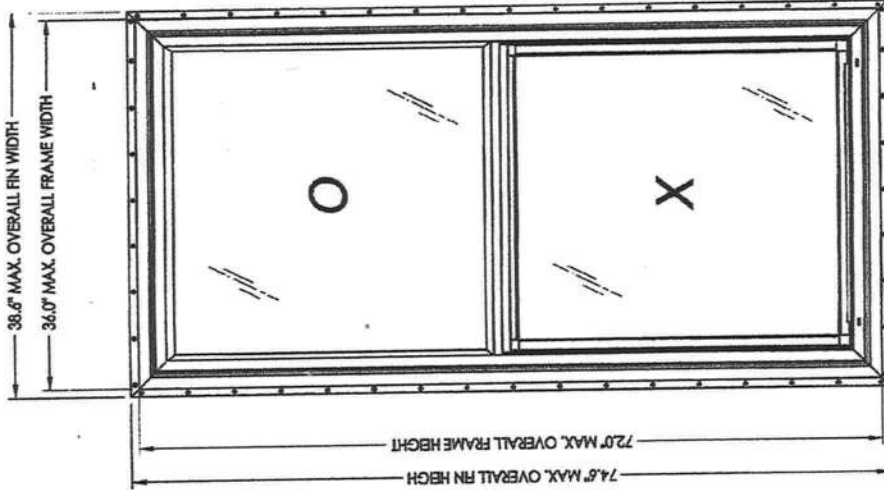
2703 COLLEGE AVE.
BOSHEN, IN 46526

MODEL 9750 PVC SINGLE HUNG WINDOW W/ NAILING FIN "NON-IMPACT"

GENERAL NOTES

1. This product anchoring drawing has been developed in compliance with the 2010 Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and ratings.
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing, stucco, foam, brick and other wall coverings.
3. Wood screws shall be installed following installation instructions of ANSI/APA NDS 2005. All other fastener types to be installed following fastener manufacturer's installation instructions.
4. Fastener embedment depths, edge distances and center-center distances shall be as specified by the fastener manufacturer but in no instance shall they be less than shown in this drawing.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the 2010 FBC.
6. Positive and negative design pressure requirements for use with this drawing shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal & vertical cross sections & bill of materials
3	Horizontal & vertical cross sections and glazing detail
4	Buck & frame anchoring



MAX. O.A. FIN DIMENSION	MAX. O.A. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
38.6" x 74.6"	36.0" x 72.0"	+50.0	-66.0

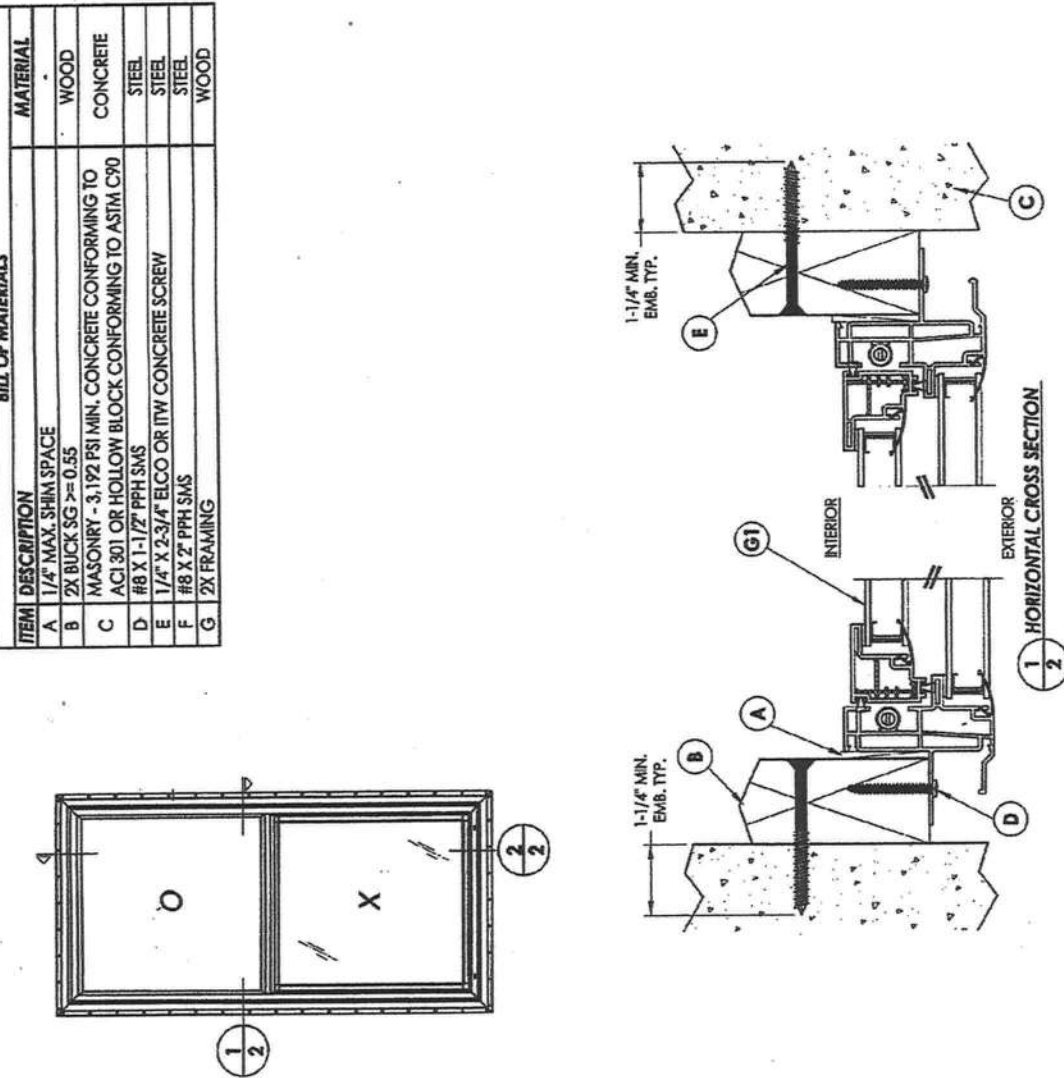
Documents Prepared By
BUILDING CONSULTANTS, INC.
P.O. Box 230 Venice FL 33595
Phone No.: 813.609.9187
Florida Board of Professional Engineers
Certificate Of Authorization No. 9015
Lyndon F. Schmidt, P.E. No. 43408
4.26.12

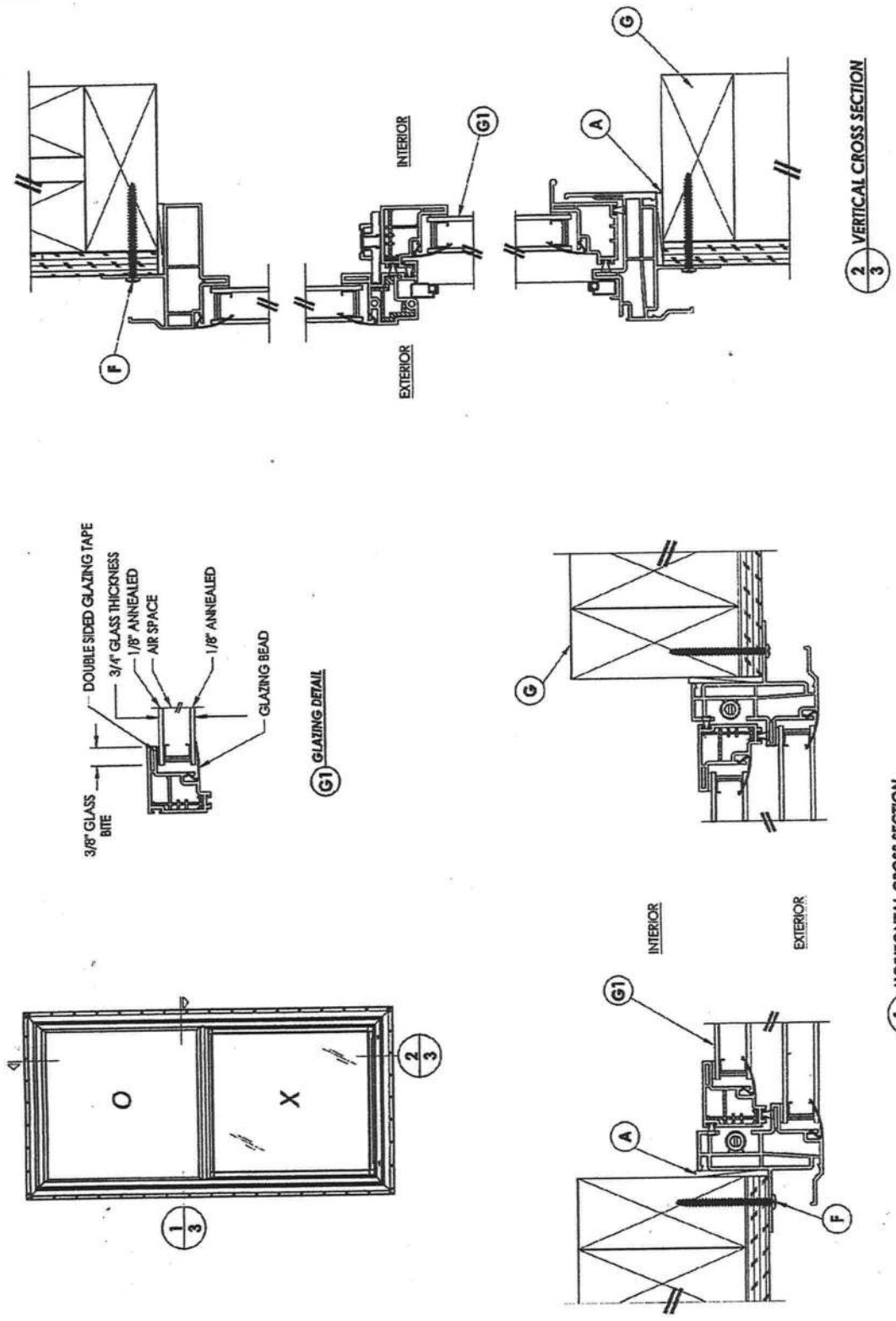
PRODUCT: SINGLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
BY: LFS

REVISIONS
NO. DATE
1 09/08/10 REVISED D.P. RATINGS/ANCHORS
2 10/27/10 CORRECTED FRAME DIMENSION
3 11/4/10 REVISED SILL FRAME
4 02/10/12 UPDATE TO 2010 FBC
5 4/16/12 ADD GLAZING DETAIL
6 4/26/12 REVISE CO. ADDRESS

DATE: 6/01/10
SCALE: N.T.S.
DRW. BY: AP
CHK. BY: LFS
DRAWING NO.: FL-993.2
SHEET 1 OF 4

BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vicksburg, MS 39369
 Phone No.: 662.639.9187
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 3813
 Lynden F. Schmidt, P.E. No. 43409





NOTE

1. 2X FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.

BUCK ANCHORING

FRAME ANCHORING MASONRY CONSTRUCTION

FRAME ANCHORING STUD CONSTRUCTION

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements.
2. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MINIMUM EMBEDMENT	MINIMUM CLEARANCE TO MASONRY EDGE	MINIMUM CLEARANCE TO ADJACENT ANCHOR
ITW	1/4"	1-1/4"	2-1/2"	3"
ELCO	1/4"	1-1/4"	1"	4"

R HVAC - Residential & Light Commercial HVAC Loads

Elite Software Development, Inc.

North Central Florida A/C Inc

479 S.W. Pecon Glen

High Springs, FL 32643

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Project Report**General Project Information**

Project Title: 479 S.W. Pecon Glen
 Designed By: Chuck Fischer
 Project Date: Wednesday, February 06, 2013
 Client Name: Florida Homes
 Client Address: 13919 N.W. 145th AVE
 Client City: Alachua FL 32615
 Client Phone: 386-418-4663
 Client Fax: 386-462-7718
 Company Name: North Central Florida Air Conditioning
 Company Representative: Chuck Fischer
 Company Address: P.O. Box 700
 Company City: High Springs FL 32643
 Company Phone: 386-454-4767
 Company Fax: 386-454-4854
 Company Comment:

Design Data

Reference City: Gainesville, Florida
 Building Orientation: Front door faces North
 Daily Temperature Range: Medium
 Latitude: 29 Degrees
 Elevation: 152 ft.
 Altitude Factor: 0.995

	Outdoor Dry Bulb	Outdoor Wet Bulb	Outdoor Rel. Hum	Indoor Rel. Hum	Indoor Dry Bulb	Grains Difference
Winter:	33	30.8	80%	n/a	70	n/a
Summer:	92	77	51%	50%	75	52

Check Figures

Total Building Supply CFM:	1,055	CFM Per Square ft.:	0.711
Square ft. of Room Area:	1,484	Square ft. Per Ton:	549
Volume (ft ³) of Cond. Space:	13,356		

Building Loads

Total Heating Required Including Ventilation Air:	52,644 Btuh	52.644 MBH
Total Sensible Gain:	25,324 Btuh	78 %
Total Latent Gain:	7,129 Btuh	22 %
Total Cooling Required Including Ventilation Air:	32,452 Btuh	2.70 Tons (Based On Sensible + Latent)

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Miscellaneous Report

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Load Preview Report

Scope	Net Ton	ft. ² /Ton	Area	Sens Gain	Lat Gain	Net Gain	Sens Loss	Sys Htg CFM	Sys Clg CFM	Sys Act CFM	Duct Size
Building	2.70	549	1,484	25,324	7,129	32,452	52,644	624	1,055	1,055	
System 1	2.70	549	1,484	25,324	7,129	32,452	52,644	624	1,055	1,055	12x16
Ventilation				2,232	4,195	6,427	4,857				
Duct Latent					1,566	1,566					
Zone 1			1,484	23,092	1,368	24,460	47,787	624	1,055	1,055	12x16
1-Entire House			1,484	23,092	1,368	24,460	47,787	624	1,055	1,055	10-8

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Duct Size Preview

Room or Duct Name	Source	Minimum Velocity	Maximum Velocity	Rough. Factor	Design L/100	SP Loss	Duct Velocity	Duct Length	Htg Flow	Cig Flow	Act. Flow	Duct Size
System 1												
Supply Runouts												
Zone 1												
1-Entire House	Built-In	450	750	0	0.1		537.5		624		1,055	10-6
Other Ducts In System 1												
Supply Main Trunk	Built-In	650	900	0	0.1		791.6		624		1,055	12x16

Summary

System 1
 Heating Flow: 624
 Cooling Flow: 1055

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Total Building Summary Loads

Component Description	Area Sq. Ft.	Sens Loss	Lat Gain	Sens Gain	Total Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage, u-value 0.65, SHGC 0.67	108	2,599	0	2,083	2,083
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, u-value 0.65, SHGC 0.67	3	72	0	75	75
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 100% coverage, u-value 0.65, SHGC 0.67	12	289	0	411	411
11P: Door-Polyurethane Core	39.4	423	0	321	321
12B-2sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-2 board insulation, siding finish, wood studs	1295.6	4,122	0	2,619	2,619
16A-28: Roof/Ceiling-Under Attic with Insulation on Attic Floor (also use for Knee Walls and Partition Ceilings), Unvented Attic, No Radiant Barrier, Any Roofing Material, Any Roof Color, R-28 insulation	1484	1,867	0	3,633	3,633
20P-0c: Floor-Over open crawl space or garage, Passive, no insulation, carpet or hardwood	1484	21,140	0	6,856	6,856
Subtotals for structure:		30,512	0	15,998	15,998
People:	4		920	1,200	2,120
Equipment:			448	1,832	2,280
Lighting:	0			0	0
Ductwork:		10,781	1,566	4,062	5,628
Infiltration: Winter CFM: 160, Summer CFM: 0		6,494	0	0	0
Ventilation: Winter CFM: 120, Summer CFM: 120		4,857	4,195	2,232	6,427
Total Building Load Totals:		52,644	7,129	25,324	32,452

Check Figures

Total Building Supply CFM:	1,055	CFM Per Square ft.:	0.711
Square ft. of Room Area:	1,484	Square ft. Per Ton:	549
Volume (ft³) of Cond. Space:	13,356		

Building Loads

Total Heating Required Including Ventilation Air:	52,644 Btuh	52,644 MBH
Total Sensible Gain:	25,324 Btuh	78 %
Total Latent Gain:	7,129 Btuh	22 %
Total Cooling Required Including Ventilation Air:	32,452 Btuh	2.70 Tons (Based On Sensible + Latent)

Notes:

Rhvac is an ACCA approved Manual J and Manual D computer program. Calculations are performed per ACCA Manual J 8th Edition, Version 2, and ACCA Manual D. 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 according to the manufacturer's performance data at your design conditions.

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System 1 Main Floor Summary Loads

Component Description	Area Sq. Ft.	Sensible Load Btu/h	Latent Gain lb/h	Sensible Gain Btu/h	Total Gain Btu/h
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage, u-value 0.65, SHGC 0.67	108	2,599	0	2,083	2,083
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, u-value 0.65, SHGC 0.67	3	72	0	75	75
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 100% coverage, u-value 0.65, SHGC 0.67	12	289	0	411	411
11P: Door-Polyurethane Core	39.4	423	0	321	321
12B-2sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-2 board insulation, siding finish, wood studs	1295.6	4,122	0	2,619	2,619
16A-28: Roof/Ceiling-Under Attic with Insulation on Attic Floor (also use for Knee Walls and Partition Ceilings), Unvented Attic, No Radiant Barrier, Any Roofing Material, Any Roof Color, R-28 insulation	1484	1,867	0	3,633	3,633
20P-0c: Floor-Over open crawl space or garage, Passive, no insulation, carpet or hardwood	1484	21,140	0	6,856	6,856
Subtotals for structure:		30,512	0	15,998	15,998
People:	4		920	1,200	2,120
Equipment:			448	1,832	2,280
Lighting:	0			0	0
Ductwork:		10,781	1,566	4,062	5,628
Infiltration: Winter CFM: 160, Summer CFM: 0		6,494	0	0	0
Ventilation: Winter CFM: 120, Summer CFM: 120		4,857	4,195	2,232	6,427
System 1 Main Floor Load Totals:		52,644	7,129	25,324	32,452

Check Figures

Supply CFM:	1,055	CFM Per Square ft.:	0.711
Square ft. of Room Area:	1,484	Square ft. Per Ton:	549
Volume (ft³) of Cond. Space:	13,356		

System Loads

Total Heating Required Including Ventilation Air:	52,644 Btuh	52.644 MBH
Total Sensible Gain:	25,324 Btuh	78 %
Total Latent Gain:	7,129 Btuh	22 %
Total Cooling Required Including Ventilation Air:	32,452 Btuh	2.70 Tons (Based On Sensible + Latent)

Notes

Rhvac is an ACCA approved Manual J and Manual D computer program.
 Calculations are performed per ACCA Manual J 8th Edition, Version 2, and ACCA Manual D.
 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 according to the manufacturer's performance data at your design conditions.

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Equipment Data - System 1 - Main Floor

Cooling

System Type:	Air Source Heat Pump
Outdoor Model:	GPH1436H41A*
Tradename:	GOODMAN, JANITROL, AMANA DISTINCTIONS, EVERREST, ONE HOUR AIR CONDITIONING AND HEATING, ENERGI AIR
Outdoor Manufacturer:	GOODMAN MANUFACTURING CO., LP.
Description:	Air Source Heat Pump
AHRI Reference No.:	4385134
Nominal Capacity:	36000
Efficiency:	14 SEER

Heating

System Type:	Air Source Heat Pump
Model:	GPH1436H41A*
Tradename:	GOODMAN, JANITROL, AMANA DISTINCTIONS, EVERREST, ONE HOUR AIR CONDITIONING AND HEATING, ENERGI AIR
Manufacturer:	GOODMAN MANUFACTURING CO., LP.
Description:	Air Source Heat Pump
Capacity:	32200
Efficiency:	8 HSPF

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System 1 Room Load Summary

Room No. Name	Area SF	Area Sens Btu/h	Area Lat Btu/h	Room Duct Size	Room Duct Vel	Cool Sens Btu/h	Cool Lat Btu/h	Min Cool CFM	Max Sens CFM
---Zone 1---									
1 Entire House	1,484	47,787	624	10-6	538	23,092	1,368	1,055	1,055
Ventilation		4,857				2,232	4,195		
Duct Latent							1,566		
System 1 total	1,484	52,644	624			25,324	7,129	1,055	1,055

System 1 Main Trunk Size: 12x16 in.
Velocity: 792 ft./min
Loss per 100 ft.: 0.093 in.wg

Cooling System Summary

	Cooling Rate	Sensible Latent Split	Sensible Btu/h	Latent Btu/h	Total Btu/h
Net Required:	2.70	78% / 22%	25,324	7,129	32,452
Actual:	3.00	75% / 25%	27,000	9,000	36,000

Equipment Data

	Heating System	Cooling System
Type:	Air Source Heat Pump	Air Source Heat Pump
Model:	GPH1436H41A*	GPH1436H41A*
Indoor Model:		
Brand:	GOODMAN, JANITROL, AMANA DISTINCTIONS, EVERREST, ONE HOUR AIR CONDITIONING AND HEATING, ENERGI AIR	GOODMAN, JANITROL, AMANA DISTINCTIONS, EVERREST, ONE HOUR AIR CONDITIONING AND HEATING, ENERGI AIR
Description:	Air Source Heat Pump	Air Source Heat Pump
Efficiency:	8 HSPF	14 SEER
Sound:	0	0
Capacity:	32,200 Btu/h	36,000 Btu/h
Sensible Capacity:	n/a	27,000 Btu/h
Latent Capacity:	n/a	9,000 Btu/h
AHRI Reference No.:	n/a	4385134



Lic. Real Estate Broker
BK 0586698

Cert. General Contractor
CGC 052062

To Whom It May Concern:

The following may pick up and/or sign for demo/building permits for me.

Debbie Herring

Beverly Deringer

Kelly Harknett

Sincerely,

Wm. Carl Herring III

Wm. Carl Herring, III

State of Florida

County of Alachua

The foregoing instrument was acknowledged before me this 11th day of February, 2013, by Wm. Carl Herring III, who was personally known to me or produced the following identification: _____.

Anna L. Allen

Notary Public

