

DATE 03/30/2009

## Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027720

APPLICANT JAMES BOYLAN PHONE 772.224.1056  
ADDRESS 2446 SW GARCIA AVENUE PORT ST. LUCIE FL 34959  
OWNER JAMES & GAIL BOYLAN PHONE 772 224-1056  
ADDRESS 719 SW GRASSY LANE FT. WHITE FL 32038  
CONTRACTOR JAMES BOYLAN PHONE 772 224-6768  
LOCATION OF PROPERTY 47S, TL GRASSY LN, 3RD LOT ON LEFT(HUGE TREES)

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 86400.00  
HEATED FLOOR AREA 576.00 TOTAL AREA 1728.00 HEIGHT STORIES 1  
FOUNDATION CONC WALLS FRAMED ROOF PITCH FLOOR SLAB  
LAND USE & ZONING A-3 MAX. HEIGHT  
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 10-6S-16-03814-110 SUBDIVISION SOUTHFORK  
LOT 10 BLOCK PHASE UNIT 0 TOTAL ACRES 10.00

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING 09-121 BK WR Y  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE, ONE FOOT ABOVE THE ROAD

Check # or Cash 1062

## FOR BUILDING &amp; 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 \$ 435.00 CERTIFICATION FEE \$ 8.64 SURCHARGE FEE \$ 8.64  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 527.28  
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. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"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.



**Columbia County Building Permit Application**

**For Office Use Only** Application # 0903-24 Date Received 3/16 By JW Permit # 27720  
 Zoning Official BLK Date 24.03.09 Flood Zone X Land Use A-3 Zoning A3  
 FEMA Map # N/A Elevation N/A MFE 15 ft River N/A Plans Examiner we Date 3/24/09  
 Comments \_\_\_\_\_  
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # \_\_\_\_\_  
☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter \_\_\_\_\_  
 IMPACT FEES: EMS \_\_\_\_\_ Fire \_\_\_\_\_ Corr \_\_\_\_\_ Road/Code \_\_\_\_\_  
 School \_\_\_\_\_ = TOTAL N/A - see attached Memo random

Septic Permit No. 09.0121 Fax 772-595-1625

Name Authorized Person Signing Permit Gail Boylan Phone 772-224-6768

Address 719 Grassy Lane Fort White FL 32038

Owners Name Boylan, James + Gail Phone 772-224-1056

911 Address 719 Grassy Lane Fort White FL 32038

Contractors Name Gail Boylan Phone 772-224-6768

Address 719 SW Grassy Lane

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Bill Freeman - Nassau St. Lake City FL

Mortgage Lenders Name & Address Columbia Bank - Lake City FL

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

Property ID Number 10-65-16-03814-110 Estimated Cost of Construction 6,000.

Subdivision Name South Fork 5/D Lot 10 Block 11a Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions 47 South, Left on Grassy Lane, 5th lot on left

Number of Existing Dwellings on Property 1 existing structure turned into a dwelling

Construction of SFD Total Acreage 10 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 320' Side 111' Side 335' Rear 114'

Number of Stories 1 Heated Floor Area 576 Total Floor Area 1728 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.



**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 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature

**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.

Contractor's Signature (Permitee)

Contractor's License Number \_\_\_\_\_

Columbia County

Competency Card Number \_\_\_\_\_

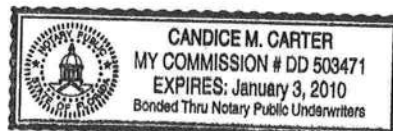
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16 day of March 2009.

Personally known \_\_\_\_\_ or Produced Identification FL DL B450.213.58.705.0

Candice M Carter

State of Florida Notary Signature (For the Contractor)

SEAL:







# COLUMBIA COUNTY BUILDING DEPARTMENT

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

## NOTARIZED DISCLOSURE STATEMENT

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

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions: even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allow for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

#### TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling  
☐ Two-Family Residence  
☐ Farm Outbuilding  
☐ Addition, Alteration, Modification or other Improvement

Single Family Dwelling  
(1) Other BURN/ART

Carl Boylan

I, Carl Boylan, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building

Permit Number \_\_\_\_\_

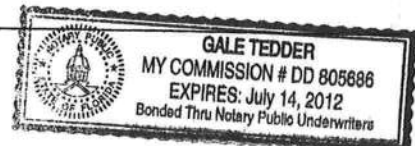
Carl Boylan  
Owner Builder Signature

3/16/09  
Date

#### FLORIDA NOTARY

The above signer is personally known to me or produced identification

Notary Signature Gale Tedder Date 3/16/09



#### FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date \_\_\_\_\_ Building Official/Representative \_\_\_\_\_



# NOTICE OF COMMENCEMENT

Inst: 200912004209 Date: 3/16/2009 Time: 12:17 PM  
 BC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1169 P: 587

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 10-65-16-03814-110

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):

a) Street (job) Address: 719 SW Grassy Lane Fort White FL 32038

2. General description of improvements: Convert pole barn to single family home

3. Owner Information

a) Name and address: Gail and James Boylan

b) Name and address of fee simple titleholder (if other than owner) 719 SW Grassy Lane Ft. White FL 32038

c) Interest in property owner

4. Contractor Information

a) Name and address: Gail Boylan 719 SW Grassy Lane Ft. White FL 32038

b) Telephone No.: 772-224-6768 Fax No. (Opt.)

5. Surety Information

a) Name and address: N/A

b) Amount of Bond:

c) Telephone No.: Fax No. (Opt.)

6. Lender

a) Name and address: N/A

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: Gail Boylan 719 SW Grassy Lane Ft. White FL 32038

b) Telephone No.: 772-224-6768 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(l)(b), Florida Statutes:

a) Name and address: James Boylan S/A

b) Telephone No.: 772-224-10520 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): 3/16/10

**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

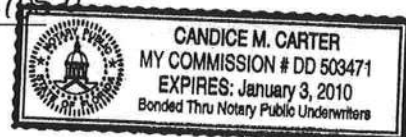
10. Gail Boylan  
 Signature of Owner or Owner's Authorized Office/Director/Partner/Manager  
Gail Boylan  
 Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 16 day of March, 2009, by:

Gail Boylan as herself (type of authority, e.g. officer, trustee, attorney)  
 fact) for N/A (Gail Boylan) (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification ☒ Type FL DL B450.293.58.7050

Notary Signature Candice M Carter Notary Stamp or Seal:



---AND---

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 in it are true to the best of my knowledge and belief.

Gail Boylan  
 Signature of Natural Person Signing (in line #10 above.)



Prepared by:  
Judi M. Lowrey  
Provident Title & Mortgage, Inc.  
444 SW Alachua Avenue  
Lake City, Florida 32025

File Number: 07-156

Inst:200712013342 Date:6/18/2007 Time:11:45 AM  
Doc Stamp-Deed:665.00  
14 DC, P. DeWitt Cason, Columbia County Page 1 of 2

## General Warranty Deed

Made this June 15, 2007 A.D. By **Karesa G. Charles, an unmarried woman**, whose address is: P.O. Box 293, Fall Branch, TN 37656, hereinafter called the grantor, to **James H. Boylan and Gail M. Boylan, husband and wife**, whose post office address is: 2446 SW Garcia Avenue, Port St. Lucie, FL 34953, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

**Witnesseth**, that the grantor, for and in consideration of the sum of Ten Dollars, (\$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:

### EXHIBIT A

Lot 10, Southfork, an unrecorded subdivision of a part of the S 1/2 of Section 10, Township 6 South, Range 16 East, being more particularly described as follows:

Commence at the NW corner of the SW 1/4 of the SE 1/4 of said Section 10 and run thence North 88 degrees 43'47" East, along the North thereof a distance of 636.65 feet; thence South 00 degrees 07'22" East, a distance of 664.21 feet; thence South 88 degrees 37'18" West, a distance of 657.85 feet; thence North 00 degrees 02'08" East, a distance of 665.49 feet; thence South 88 degrees 43'47" East, a distance of 19.33 feet to the Point of Beginning, Columbia County, Florida.

### TOGETHER WITH AND SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS:

A part of the S 1/2 of Section 10, Township 6 South, Range 16 East, being more particularly described as follows:

Commence at the SW corner of said Section 10 and run thence North 88 degrees 52'16" East, along the South line of said Section 10, a distance of 46.86 feet to the East Right of Way of State Road No. 47; thence North 00 degrees 20'30" West along said East Right of Way 627.05 feet to the Point of Beginning; thence North 00 degrees 02'30" West, still along said Right of Way a distance of 60.00 feet; thence North 88 degrees 53'29" East, a distance of 629.67 feet thence North 00 degrees 24'41" West a distance of 681.60 feet; thence North 88 degrees 53'26" East, a distance of 60.00 feet; thence South 00 degrees 24'41" West, a distance of 681.60 feet; thence North 88 degrees 53'29" East, a distance of 629.35 feet; thence North 88 degrees 58'12" East, 650.99 feet; thence North 01 degrees 01'48" West, a distance of 589.75 feet; thence South 87 degrees 47'54" West a distance of 36.83 feet; thence North 00 degrees 25'25" West a distance of 739.98 feet; thence North 88 degrees 25'30" East, a distance of 60.01 feet; thence South 00 degrees 25'25" East a distance of 679.29 feet; thence North 87 degrees 47'54" East, a distance of 36.18 feet; thence South 01 degrees 01'48" East, a distance of 650.01 feet; thence North 88 degrees 37'18" East, a distance of 2603.18 feet; thence South 00 degrees 17'09" East, a distance of 60.01 feet; thence South 88 degrees 37'18" West, a distance of 2632.46 feet; thence South 88 degrees 58'12" West, 681.09 feet; thence South 88 degrees 53'29" West, 1319.83 feet to the Point of Beginning, Columbia County, Florida.

Parcel ID Number: 10-6S-16-03814-110

**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, 2006.

**In Witness Whereof**, the said grantor has signed and sealed these presents the day and year first above written.



Prepared by:  
Judi M. Lowrey  
Provident Title & Mortgage, Inc.  
444 SW Alachua Avenue  
Lake City, Florida 32025

File Number: 07-156

Signed, sealed and delivered in our presence:

William W. Winters  
Witness Printed Name William W. Winters

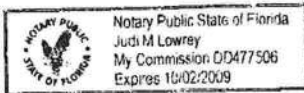
Karesa Charles (Seal)  
Karesa G. Charles  
Address: P.O. Box 293, Fall Branch, TN 37656

Jay Sears  
Witness Printed Name Jay Sears

\_\_\_\_\_(Seal)  
Address:

State of Florida  
County of Columbia

The foregoing instrument was acknowledged before me this 15th day of June, 2007, by Karesa G. Charles, an unmarried woman, who is/are personally known to me or who has produced FDL as identification.



Judi M. Lowrey  
Notary Public  
Print Name: Judi M. Lowrey  
My Commission Expires: 10/2/09

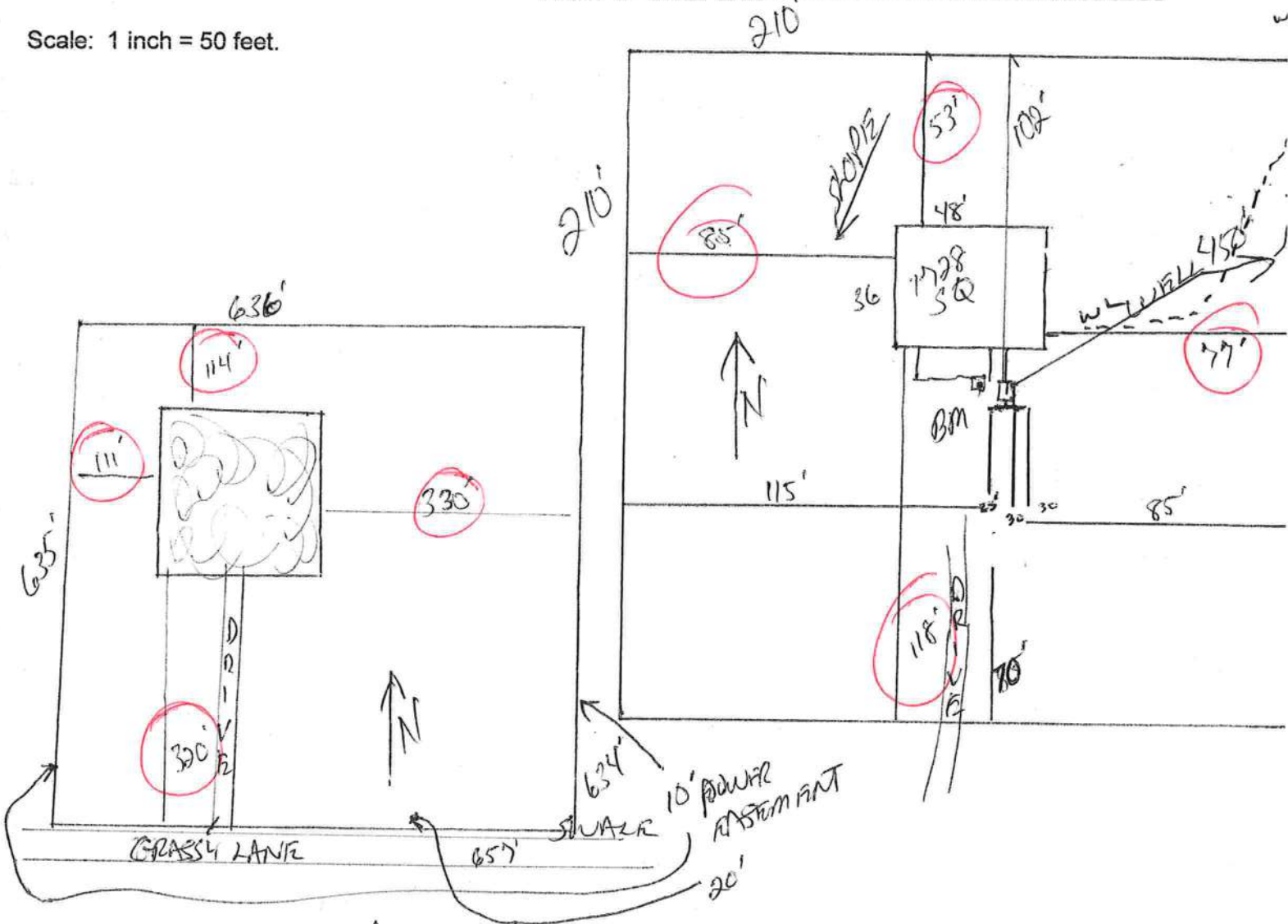


STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0121

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: 1 of 10 Acres

Site Plan submitted by: Rock D F

Plan Approved ☒ Not Approved ☐

By Maui & Zander Columbia County Health Department

MASTER CONTRACTOR

Date 3-3-09

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM  
APPLICATION FOR CONSTRUCTION PERMIT

09-0221  
PERMIT NO. 913372  
DATE PAID: 3/2/09  
FEE PAID: 310.00  
RECEIPT #: 12 BID 1096959

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative  
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Boylan, James & Gail

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 10 BLOCK: na SUB: Southfork S/D PLATTED: N/A

PROPERTY ID #: 10-6S-16-03814-110 ZONING: Ag I/M OR EQUIVALENT: ☐ Y ☒ N

PROPERTY SIZE: 10 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐  $\leq 2000$  GPD ☐  $> 2000$  GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☒ N DISTANCE TO SEWER:        FT

PROPERTY ADDRESS: 719 Grassy Lane, Fort White, FL, 32038

DIRECTIONS TO PROPERTY: 47 South, TL on Grassy Lane, 5<sup>th</sup> lot on left, close gate... Horses

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SF Residential	2	1728	300 bpd
2				
3				

☒ Floor/Equipment Drains ☐ Other (Specify)       

SIGNATURE: Rocky Ford

DATE: 3/2/2009



# Columbia County Property Appraiser

DB Last Updated: 3/5/2009

## 2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 10-6S-16-03814-110

### Owner & Property Info

Search Result: 1 of 1

<b>Owner's Name</b>	BOYLAN JAMES H & GAIL M		
<b>Site Address</b>			
<b>Mailing Address</b>	2446 SW GARCIA AVE PORT ST LUCIE, FL 34953		
<b>Use Desc. (code)</b>	MISC RES (000700)		
<b>Neighborhood</b>	10616.02	<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02	<b>Market Area</b>	02
<b>Total Land Area</b>	10.020 ACRES		
<b>Description</b>	BEG NW COR OF SW1/4 OF SE1/4, RUN E 636.65 FT, S 664.21 FT, W 657.85 FT, N 665.49 FT, E 19.33 FT TO POB. (AKA LOT 10 SOUTHFORK S/D UNREC) ORB 877-312, 902-1395, WD 1122-565.		

### GIS Aerial



### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (2)	\$65,503.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (0)	\$0.00
<b>XFOB Value</b>	cnt: (1)	\$20,736.00
<b>Total Appraised Value</b>		\$86,239.00

<b>Just Value</b>	\$86,239.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$86,239.00
<b>Exempt Value</b>	\$0.00
<b>Total Taxable Value</b>	\$86,239.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
6/15/2007	1122/565	WD	V	Q		\$95,000.00
4/9/2000	902/1395	FS	V	U	01	\$0.00
3/15/1999	877/312	WD	V	Q		\$35,000.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0020	BARN,FR	2008	\$20,736.00	1728.000	36 x 48 x 0	(.00)

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000700	MISC RES (MKT)	10.020 AC	1.00/1.00/1.00/1.00	\$6,412.50	\$64,253.00
009946	WELL (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$1,250.00	\$1,250.00

Columbia County Property Appraiser

DB Last Updated: 3/5/2009



Engineers • Planners

128 SW Nassau St  
Lake City, FL 32025  
Phone 386-758-4209  
Fax 386-758-4290

3/18/2009

Columbia County Building and Zoning

Mr. Joe Haltawanger

RE: James and Gail Boylan Residence

The structure on the Boylan property was originally constructed as a 36' x 48' horse barn and was not permitted due to the agricultural exemption. The barn is a standard Pole Barn structure as indicated in the drawings. The Boylans plan to convert the barn into a single family dwelling. I have performed a site evaluation of the existing structure for the Boylans and found the following deficiencies:

1. There has not been any termite pretreatment of the soil prior to pouring of the slab.
2. There is no egress window in the bedroom.
3. No arc fault breaker is provided for the bedroom circuit.

I have advised the Boylans of the necessary changes to bring the structure up to code. I will perform another site evaluation once the corrections have been made. When the structure meets my satisfaction, I will have the Boylans call for a final inspection from the Columbia County Building Department. I will be available to meet with you on site if you choose. If you have any questions, please call me at (386) 758-4209.

Sincerely,

William Freeman, P.E.

PE# 56001

CA# 8701



**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

## Florida Department of Community Affairs Residential Performance Method A

Project Name: Boylan Residence  
 Street: 719 Grassy Lane  
 City, State, Zip: Fort White, FL, 32038-  
 Owner: James and Gail Boylan  
 Design Location: FL, Gainesville

Builder Name: James Boylan  
 Permit Office: Columbia County  
 Permit Number: 27720  
 Jurisdiction: 221000

- |  |                    |
|--|--------------------|
| 1. New construction or existing              | Existing (Projecte |
| 2. Single family or multiple family          | Single-family      |
| 3. Number of units, if multiple family       | 1                  |
| 4. Number of Bedrooms                        | 0                  |
| 5. Is this a worst case?                     | No                 |
| 6. Conditioned floor area (ft <sup>2</sup> ) | 576                |

- |              |             |                       |
|--------------|-------------|-----------------------|
| 7. Windows   | Description | Area                  |
| a. U-Factor: | Dbl, U=0.55 | 18.00 ft <sup>2</sup> |
| SHGC:        | SHGC=0.60   |                       |
| b. U-Factor: | Dbl, U=0.80 | 15.00 ft <sup>2</sup> |
| SHGC:        | SHGC=0.60   |                       |
| c. U-Factor: | N/A         | ft <sup>2</sup>       |
| SHGC:        |             |                       |
| d. U-Factor: | N/A         | ft <sup>2</sup>       |
| SHGC:        |             |                       |
| e. U-Factor: | N/A         | ft <sup>2</sup>       |
| SHGC:        |             |                       |

- |                                  |            |                        |
|----------------------------------|------------|------------------------|
| 8. Floor Types                   | Insulation | Area                   |
| a. Slab-On-Grade Edge Insulation | R=0.0      | 576.00 ft <sup>2</sup> |
| b. N/A                           | R=         | ft <sup>2</sup>        |
| c. N/A                           | R=         | ft <sup>2</sup>        |

- |                           |            |                        |
|---------------------------|------------|------------------------|
| 9. Wall Types             | Insulation | Area                   |
| a. Frame - Wood, Exterior | R=13.0     | 576.00 ft <sup>2</sup> |
| b. Frame - Wood, Adjacent | R=13.0     | 384.00 ft <sup>2</sup> |
| c. N/A                    | R=         | ft <sup>2</sup>        |
| d. N/A                    | R=         | ft <sup>2</sup>        |

- |                         |            |                        |
|-------------------------|------------|------------------------|
| 10. Ceiling Types       | Insulation | Area                   |
| a. Under Attic (Vented) | R=30.0     | 576.00 ft <sup>2</sup> |
| b. N/A                  | R=         | ft <sup>2</sup>        |
| c. N/A                  | R=         | ft <sup>2</sup>        |

11. Ducts  
 a. Sup: Interior Ret: Interior AH: Interior Sup. R= 6, 115 ft<sup>2</sup>

12. Cooling systems  
 a. Central Unit  
 Cap: 12 kBtu/hr  
 SEER: 13

13. Heating systems  
 a. Electric Strip Heat  
 Cap: 10.5 kBtu/hr  
 COP: 1

14. Hot water systems  
 a. Electric  
 Cap: 40 gallons  
 EF: 0.92

- b. Conservation features  
 None

15. Credits  
 None

Glass/Floor Area: 0.057

Total As-Built Modified Loads: 13.24

Total Baseline Loads: 15.65

**PASS**

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

PREPARED BY: Delvinia Motes  
 DATE: 3-12-09

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

OWNER/AGENT: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: \_\_\_\_\_  
 DATE: \_\_\_\_\_

- Compliance requires a roof absorptance test in accordance with N1104.A.4.

**PROJECT**

Title:	Boylan Residence	Bedrooms:	0	Address Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	James and Gail Boylan	Conditioned Area:	576	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	James Boylan	Worst Case:	No	Street:	719 Grassy Lane
Permit Office:	Columbia County	Rotate Angle:	315	County:	Columbia
Jurisdiction:		Cross Ventilation:		City, State, Zip:	Fort White ,
Family Type:	Single-family	Whole House Fan:			FL , 32038-
New/Existing:	Existing (Projected)				
Comment:					

**CLIMATE**

✓	Design Location	Tmy Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

**FLOORS**

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	120 ft	0	576 ft²	1	0	0

**ROOF**

✓	#	Roof Type	Materials	Attic Type	Attic Area	Roof Color	Solar Absor.	Tested	RBS	Deck Insul.	Attic Vent Ratio (1 in)	Pitch
_____	1	Gable or shed	Metal	Full attic	576 ft²	Medium	0.96	Yes	N	0	300	18.4 deg

**CEILING**

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic	30	576 ft²	0.11	Wood

**WALLS**

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Garage	Frame - Wood	13	384 ft²	1.5	0.23	0.01
_____	2	S	Exterior	Frame - Wood	13	384 ft²	1.5	0.23	0.75
_____	3	E	Exterior	Frame - Wood	13	96 ft²	1.5	0.23	0.75
_____	4	W	Exterior	Frame - Wood	13	96 ft²	1.5	0.23	0.75

**DOORS**

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	S	Insulated	None	0.46	20 ft²
_____	2	N	Insulated	Metal	0.46	20 ft²



**WINDOWS**

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	S	Metal	Double (Tinted)	Yes	0.55	0.6	N	18 ft²	1 ft 6 in	2 ft 0 in	HERS 2006	None
✓	2	S	Metal	Double (Tinted)	Yes	0.8	0.6	N	15 ft²	1 ft 6 in	2 ft 0 in	HERS 2006	None

**INFILTRATION & VENTING**

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
✓	Default	0.00036	544	7.08	29.9	56.2	50.0 cfm	50.0 cfm	5	25

**GARAGE**

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	1152 ft²	1152 ft²	64 ft	8 ft	13

**HEATING SYSTEM**

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Strip Heat	None	COP: 1	10.5 kBtu/hr	True

**HOT WATER SYSTEM**

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	0.92	40 gal	30 gal	120 deg	None

**SOLAR HOT WATER SYSTEM**

✓	FSEC Cert #	Company Name	System Model#	Collector Model#	Collector Area(sq.ft.)	Storage Volume	FEF
✓	None	None					

**DUCTS**

✓	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
✓	1	Interior	6	115 ft²	Interior	29 ft²	Default Leakage	Interior				

## TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Hours

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: 719 Grassy Lane  
Fort White, FL, 32038-

PERMIT #:

### INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

### OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 85

The lower the EnergyPerformance Index, the more efficient the home.

719 Grassy Lane, Fort White, FL, 32038-

1. New construction or existing	Existing (Projecte	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	576.00 ft <sup>2</sup>
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	384.00 ft <sup>2</sup>
4. Number of Bedrooms	0	c. N/A	R=	ft <sup>2</sup>
5. Is this a worst case?	No	d. N/A	R=	ft <sup>2</sup>
6. Conditioned floor area (ft <sup>2</sup> )	576	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	576.00 ft <sup>2</sup>
a. U-Factor:	Dbl, U=0.55	b. N/A	R=	ft <sup>2</sup>
SHGC:	SHGC=0.60	c. N/A	R=	ft <sup>2</sup>
b. U-Factor:	Dbl, U=0.80	11. Ducts		
SHGC:	SHGC=0.60	a. Sup: Interior Ret: Interior AH: Interior Sup. R= 6, 115 ft <sup>2</sup>		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 12 kBtu/hr	
d. U-Factor:	N/A		SEER: 13	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Strip Heat	Cap: 10.5 kBtu/hr	
SHGC:			COP: 1	
8. Floor Types	Insulation	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	a. Electric	Cap: 40 gallons	
b. N/A	R=	b. Conservation features	EF: 0.92	
c. N/A	R=	None		
	Area	15. Credits		None
	ft <sup>2</sup>			
	ft <sup>2</sup>			
	ft <sup>2</sup>			

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_ City/FL Zip: \_\_\_\_\_



\*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 [energygauge.com](http://energygauge.com) 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.

\*\*Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

# Florida Code Summary Report

James and Gail Boylan  
719 Grassy Lane  
Fort White, FL, 32038-  
Registration #:

Title: Boylan Residence  
FLAsBuilt

TMY City: FL\_GAINESVILLE\_R  
Elec Util: Florida Average  
Gas Util: Florida Average  
Run Date:

Energy Uses	Baseline Home	As-Built Home	e-Ratio
Heating	2.02 MBtu	1.80 MBtu	0.89
Cooling	3.72 MBtu	2.80 MBtu	0.75
Hot Water	4.82 MBtu	4.80 MBtu	1.00

Total	10.56 MBtu	9.41 MBtu	0.89
-------	------------	-----------	------

Building Loads	Baseline Home	As-Built Home	e-Ratio
Heating	3.52 MBtu	3.14 MBtu*	0.89
Cooling	7.96 MBtu	5.99 MBtu*	0.75
Hot Water	4.17 MBtu	4.16 MBtu*	1.00

Total	15.65 MBtu	13.29 MBtu	0.85
-------	------------	------------	------

\* normalized modified loads

Glass/Floor Area: 0.057

Total As-Built Modified Loads: 13.29

Total Baseline Loads: 15.65

**PASS**





**FBC approvals for  
Atrium Windows and Doors- Florida  
AAMA Product Ratings  
Effective: September 27, 2007**



Please visit [http://www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx) and search by the Florida Product Approval Number listed below to print certifications and installation instructions.

<u>FLORIDA PRODUCT APPROVAL</u>	<u>PRODUCT LINE</u>	<u>RATING (psf)</u>		<u>WTP (psf)</u>	<u>BUCK SIZE (in)</u>
FL7844	M40/50 - SH Standard single hung	+35	-45	5.25	52 <sup>1</sup> / <sub>8</sub> x96
FL7844	M40HP/50HP - SH High performance single hung	+50	-55	7.50	52 <sup>1</sup> / <sub>8</sub> x96
FL7844	TW - SH Tilt sash single hung	+50	-50	7.50	52 <sup>1</sup> / <sub>8</sub> x77
		+45	-50	6.75	48x96
		+35	-35	5.25	52 <sup>1</sup> / <sub>8</sub> x96
FL7844	TB - SH Tilt thermal break single hung	+50	-50	7.50	52 <sup>1</sup> / <sub>8</sub> x96
FL7861	RW HP High performance horizontal slider	+35	-35	5.25	108x62 XOX
		+50	-50	7.50	108x53 XOX
		+45	-45	6.75	72x62 XO
		+50	-65	7.50	72x53 XO
FL7851	M40/50 PW & CT	+80	-80	12.0	84x84 Tempered
		+80	-80	12.0	60x120 Tempered
		+80	-80	12.0	48x144 Tempered
		+35	-35	5.25	72x72 Annealed
		+60	-60	9.0	48x96 Annealed
FL7851	TW PW & CT	+60	-60	9.0	60x120 Tempered
		+50	-50	7.50	54x84 Annealed
FL8381	TW PW	+75	-75	11.25	54 x 96 96 x 54
FL7851	TB PW & CT	+60	-60	9.0	60x120 Tempered
		+50	-50	7.50	54x84 Annealed
FL7864	M2/3/4/5 SGD      2" Sill Standard sliding glass door	+35	-35	5.25	BYPASS 4068 panels
		+30	-30	4.50	BYPASS 3080 panels
FL7864	M2/3/4/5 HP SGD      2-1/2" Sill High performance sliding glass door	+40	-40	6.00	BYPASS & POCKET 4080 panels
FL9337	M2 HP SGD, OXXX      2-1/2" sill	+40	-45	6.00	193 x 96-3/16



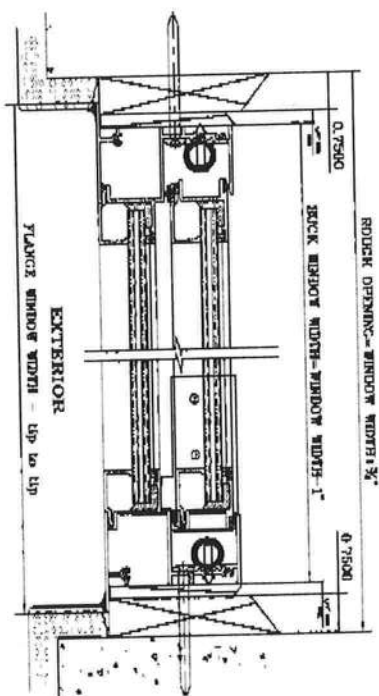
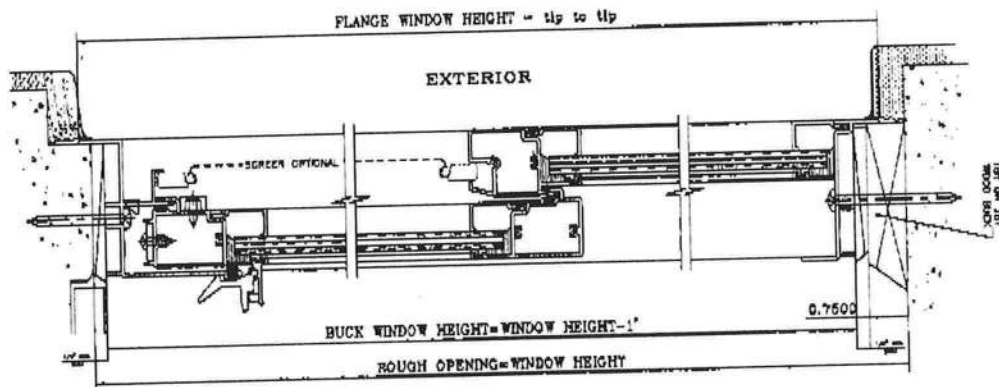
M2 HP SGD, OXXX 2" Sill +35 -35 5.25 193 x 96-3/16

**FLORIDA  
PRODUCT  
APPROVAL**

	<u>PRODUCT LINE</u>	<u>RATING (psf)</u>	<u>WTP (psf)</u>	<u>BUCK SIZE (in)</u>
FL957	Mullions – See Drawings	Non-Impact Rated HVHZ & Impact Rated HVHZ & Impact Rated		M96-08D M02-03B M03-04B
FL8710	2500 SH	+45 -45 +50 -50	6.75 7.50	48 x 72 40 x 72
FL8710	300/2300 SH	+40 -40 +45 -45 +55 -55 +50 -50	6.00 6.75 8.25 7.50	52 x 84 52 x 96 36 x 73 52 x 76
FL8898	2301/2302 Fixed	+50 -50 +55 -55	7.50 8.25	84 x 96 73.25 x 73.25
FL8995	MPSH	NOA# 07-0306.02		NOA# 07-0306.02
FL9337	500 SGD, XX 500 SGD, XX Reinforced 500 SGD, XX 500 SGD, XXX Reinforced 500 SGD, XXX 500 SGD, XXX Reinforced	+45 -45 +45 -45 +35 -35 +40 -40 +35 -35 +45 -45	6.75 6.75 5.25 6.00 5.25 6.75	72 x 80-3/16 100 x 96-3/16 96 x 80-3/16" 145 x 80-3/16" 109 x 80-3/16 153 x 96-3/16
FL9337	502 SGD, 90 deg. XXXX 502 SGD, 90 deg. XXXX 502 Pocket SGD, XXX Reinforced 502/500 SGD, XXX Reinforced 502 SGD, XXX 502 SGD, XXX Reinforced 502 SGD, XXX 502 Pocket Bypass SGD, XX 502 Pocket Bypass SGD, XX	+35 -35 +15 -15 +50 -50 +35 -35 +45 -45 +35 -35 +60 -60 +45 -45 +45 -45	5.25 2.86 7.50 5.25 6.75 5.25 9.00 6.75 6.75	196 x 96-1/4 135 x 119-1/4 151 x 96-1/4 189 x 96-1/4 152 x 96-3/16 153 x 120-1/4 152 x 96-1/4 100 x 95-3/16 75 x 120-1/4

These ratings are limited by frames only. For glass limitations see glass sheets in price book or E1300.  
These FBC approvals are in the name of Atrium Windows and Doors- Florida.  
Water Test Pressure (WTP) = 0.15 X Positive DP

THIS DRAWING IS PROTECTIVE AND CONFIDENTIAL TO ATRION CORP. AND ITS  
 LMC AND SHALL NOT BE REPRODUCED, COPIED OR DISSEMINATED WITHOUT  
 THE EXPRESSED WRITTEN PERMISSION OF ATRION CORP. AND ITS LMC.

[illegible]

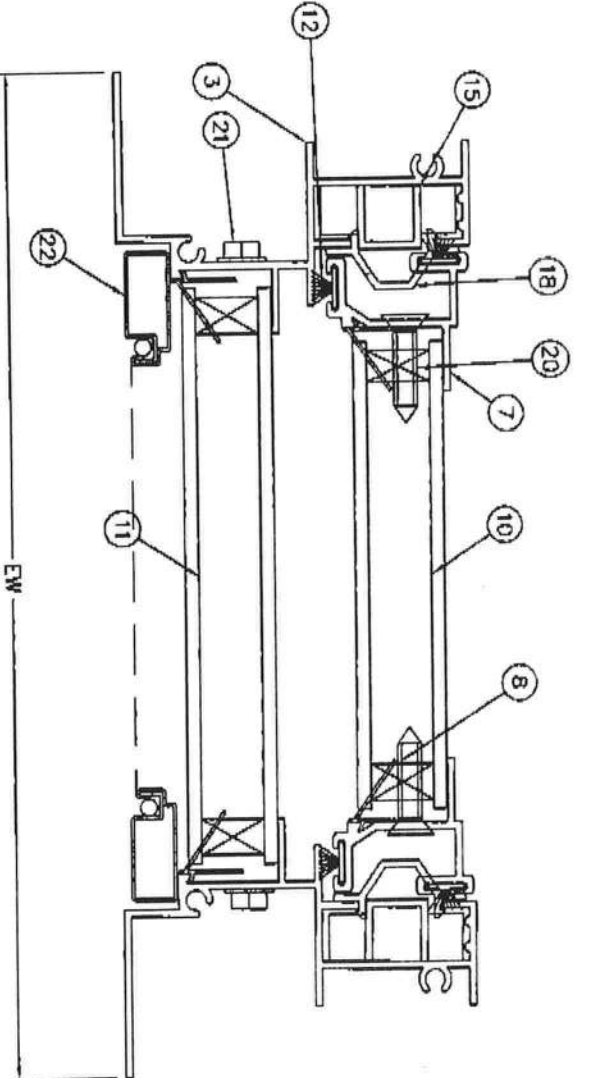
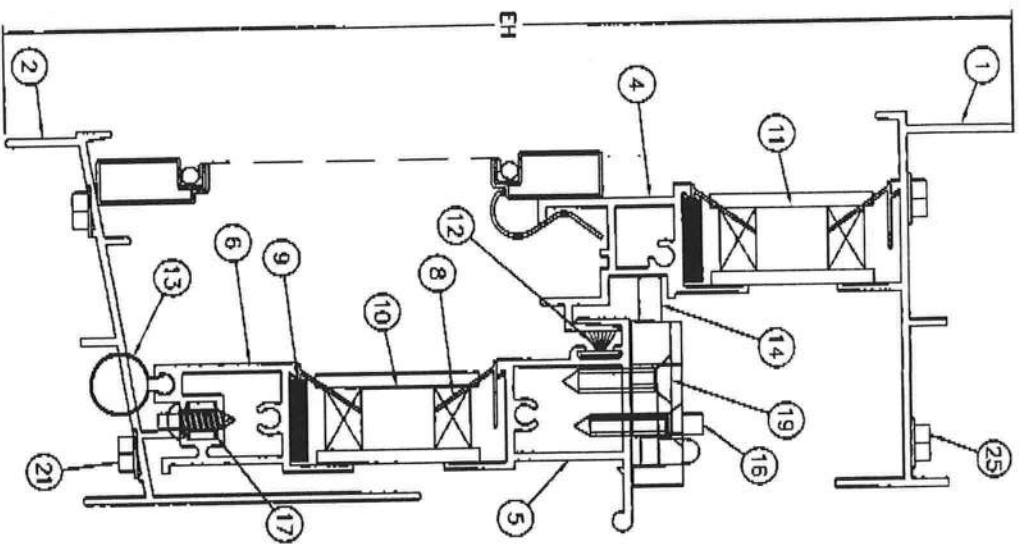
**ATRIUM**  
COMPANIES, INC.

ADW-09

TITLE		FLANGE ROUGH OPENINGS with precast sill	
AWD-09 SH Assembly, Fabrication			
ALLEN	REVISION	TELEPHONE	
	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
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	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
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	EST. MADE TO EXIST	404 N. 7 <sup>th</sup> ST.	
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WINDOW PARTS DESCRIPTION

ITEM NUMBER	DESCRIPTION	ITEM NUMBER	DESCRIPTION
1	HEAD	12	WEATHER-STRIPPING
2	SILL	13	BULB SEAL
3	JAMB	14	SWEEP LOCK
4	MEETING RAIL	15	BALANCE ROD
5	SASH TOP RAIL	16	TILT LATCH
6	SASH BOTTOM RAIL	17	PIVOT BAR
7	SASH SIDE RAIL	18	SASH STOP
8	GLAZING BEAD	19	SCREW #8x3/4"
9	GLAZING BLOCK	20	SCREW #8x1" FLAT HEAD
10	SASH/BOTTOM GLASS	21	SCREW #8x1" PAN HEAD
11	FIXED/TOP GLASS	22	SCREEN

2500 DP50 FLANGE ALUMINUM SINGLE HU  
ADW-09 2500 SH DP50 FLANGE ASSEMBLY

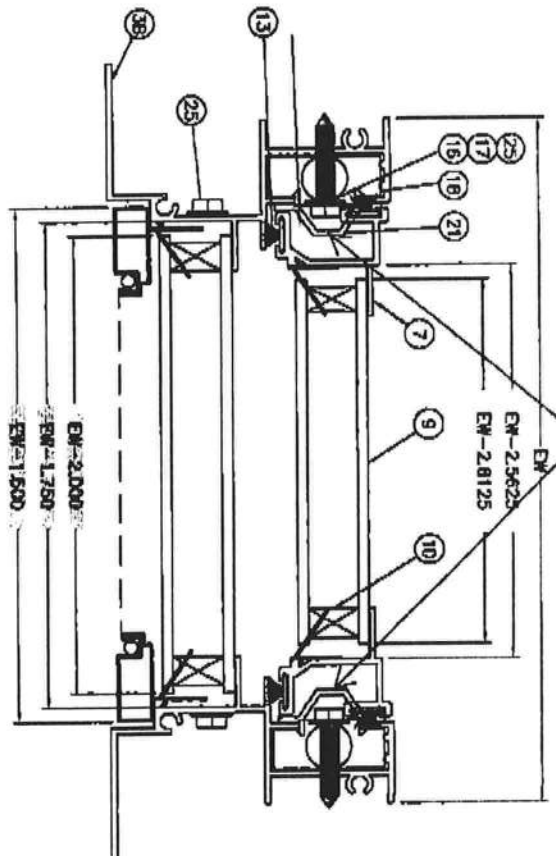
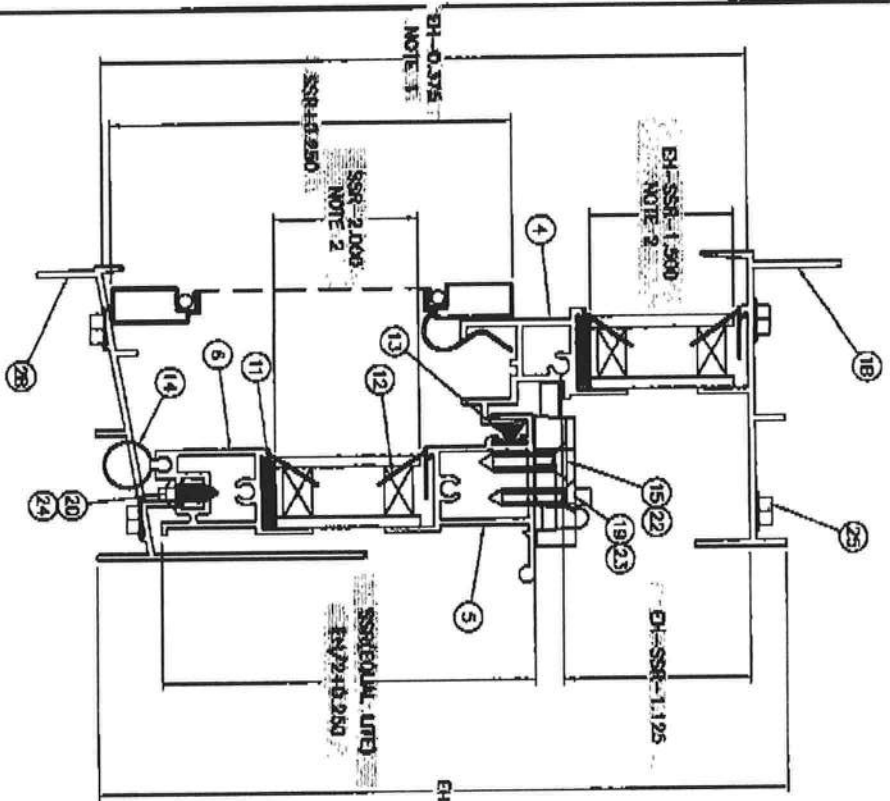
**ATRUM**  
COMPANIES, INC.

ETC Laboratories  
Verified By: GS  
Report #: ETC-07-018-20095-0  
Date: 02/27/2008

THIS DRAWING IS THE PROPERTY OF ATRIVUM, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF ATRIVUM, INC.

# Non continuous - ETC Labs Note

ATRIVUM, INC.  
10000 10th Street  
San Diego, CA 92121



## NOTES:

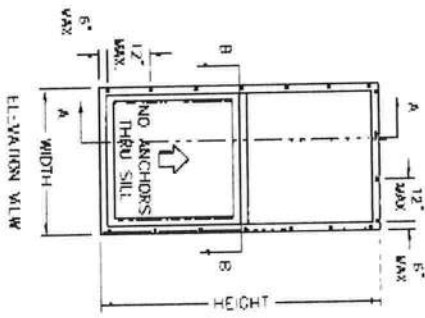
1. JAMB CUT LENGTH IS WINDOW'S EXACT HEIGHT(EH). JAMB FINISHED LENGTH IS EH-0.375".
2. ALTERNATE FORMULA FOR EQUAL LITE WINDOW GLASS HEIGHT IS EH/2-1.750".
3. EGRESS HEIGHT = SSR - 5.500" (all windows)  
EGRESS HEIGHT = EH/2 - 5.250" (equal lite only)  
EGRESS WIDTH = EW - 2.825" (glazing legs not removed)

REVISIONS		
NO.	DATE	DESCRIPTION
1	03/16/2009	ISSUED FOR CONSTRUCTION

ATRIVUM  
COMPANIES, INC.

ADW-09

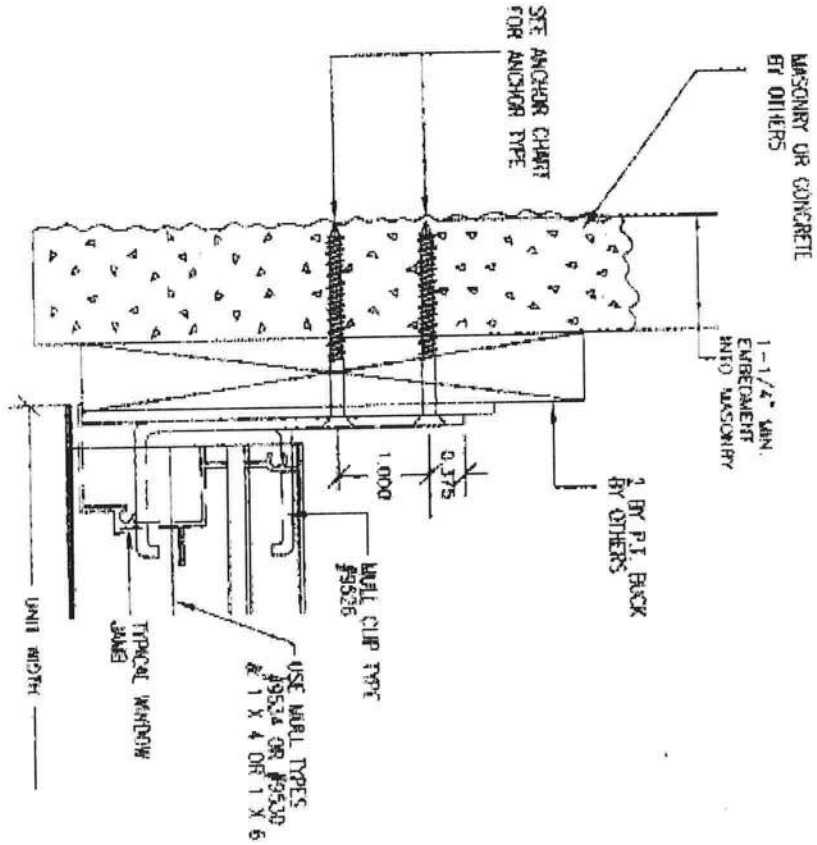
2500 DPE50 PLANTER ALUMINUM SINGLE FLING	
ADW-09 1500 HIB DPE50 PLANTER ASSEMBLY	
SCALE	1:1
DATE	10 JUN 2007
BY	ASSEMBLY



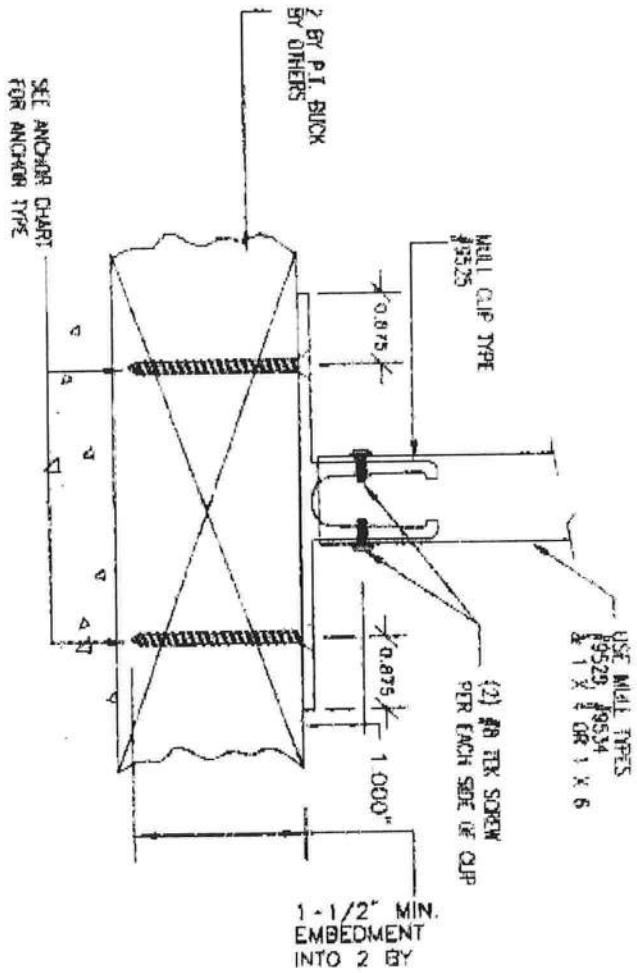
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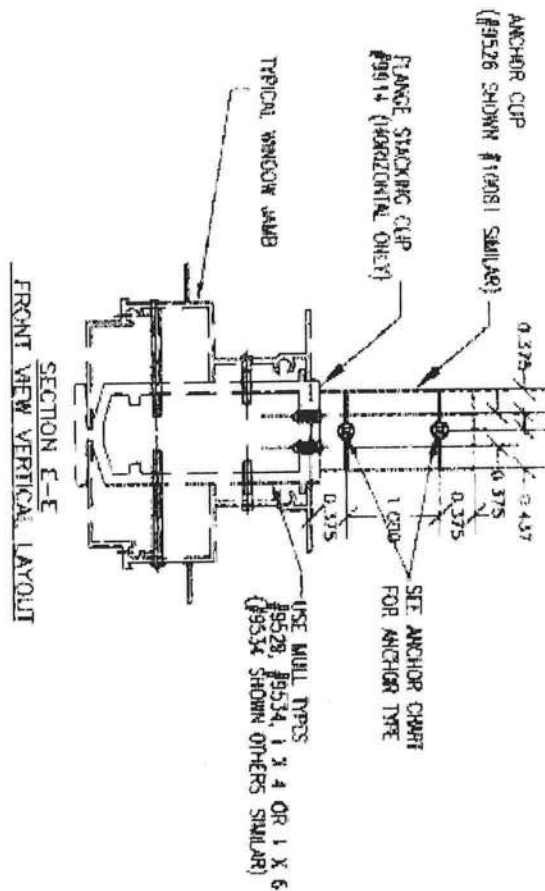
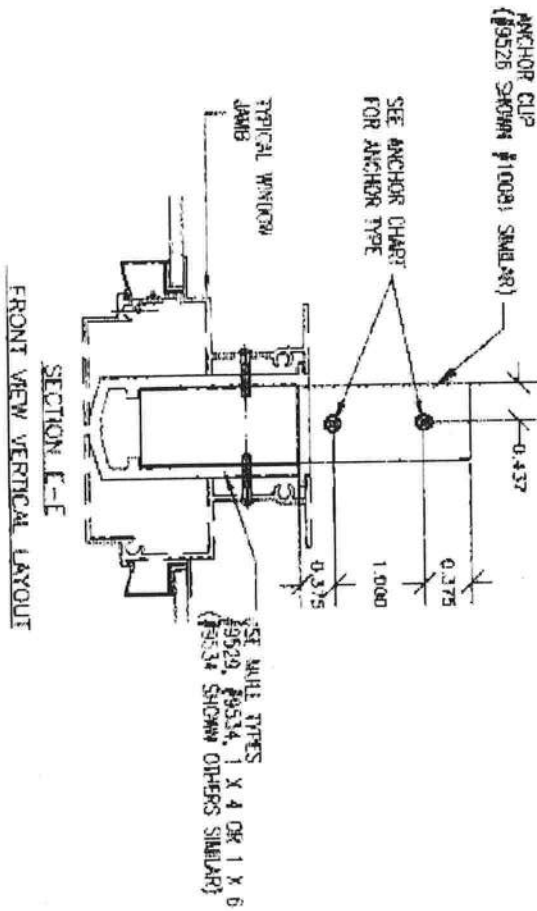


TOP VIEW HORIZONTAL LAYOUT  
 MULL CLIP ATTACHED  
 W/1 BY BUCK MASONRY SUBSTRATE  
 SECTION D-D



OPTIONAL 2 BY BUCK SUBSTRATE  
 W/ #12 SMS INSTALLATION  
 VERTICAL VIEW SHOWN  
 HORIZONTAL SIMILAR

Lyle R. Longo P.E. License No. 82533 PTC Engineering, Inc. 2181 S.E. Seelye Lane Fort St. Louis, RI 04831 PTC Certificate of Authorization No. 28830		DATE: 8/24/05 BY: [Signature]	
TITLE: HORIZONTAL WINDOW INSTALLATION DETAILS		PROJECT: 711-0000	
DRAWN BY: [Signature]		CHECKED BY: [Signature]	
SCALE: NTS		DATE: 7/27/05	
REV: 1		PROJECT: NOR-0007-1	
REV: 2		REV: 3 OF 7	



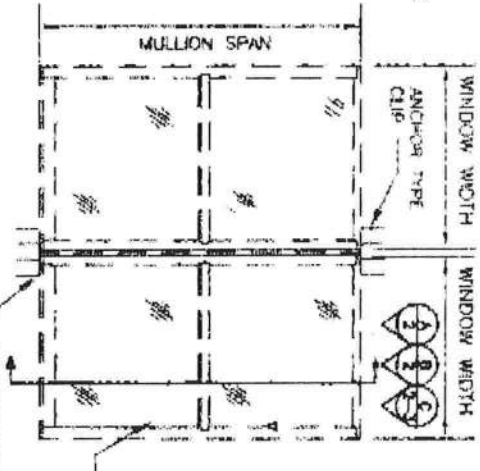
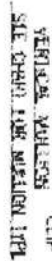
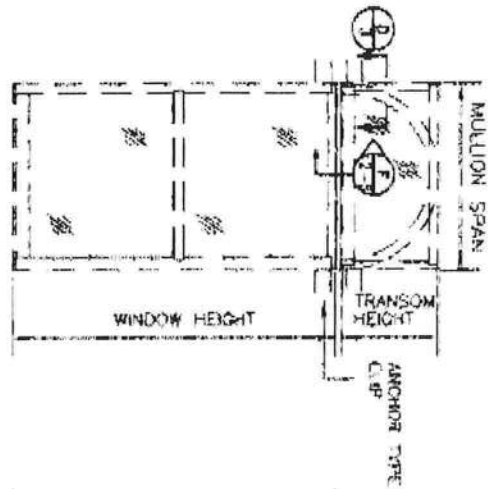
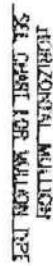
Luis R. Lomas P.E.  
Florida Lic: 62514  
*Luis R. Lomas*  
6/29/05  
PTE Engineering, Inc.  
2381 SE Seaford Lane  
Fort St. Louis, FL 34853  
PTE: (904) 486-1000  
FAX: (904) 486-1001

HR WINDOWS	
VERTICAL COLLISION CLIP	
ANCHOR DETAIL	
DESIGNED BY:	JRM
CHECKED BY:	NTS
DATE:	7/27/05
PROJECT:	NOR-0007-1
REVISION:	4 OF 7

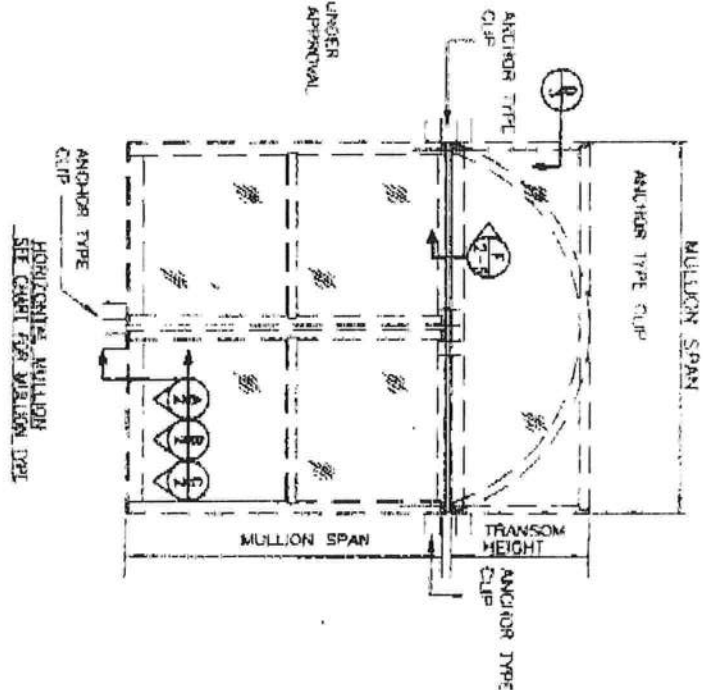




- ## Index



WASH DC OFFICE  
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SEP 23 1964

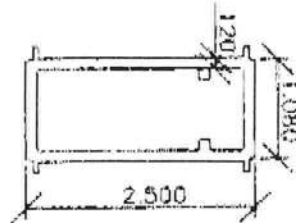


Luis R. Lomax, P.E.  
 Florida No. 62514  
 235 S.E. Seaboard Lane  
 P.O. Box 1000  
 Ft. Lauderdale, FL 33305  
 754/561-1005

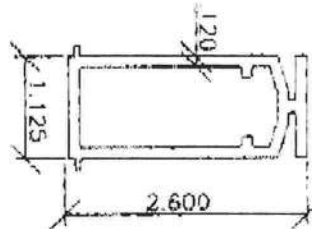

**PVC** WINDOWS  
 VERTICAL/HORIZONTAL SOLLISION  
 ELEVATION, DETAILS AND NOTES  
 DATE: 12/27/05  
 DRAWN BY: GSC  
 CHECKED BY: MTS  
 PROJECT: NCR-0007-1  
 1 OF 7



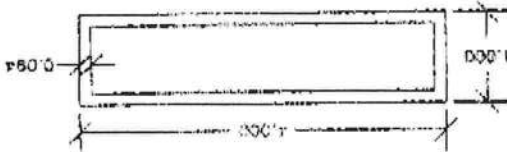
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VERTICAL OR  
HORIZONTAL MULLION  
(9529) 6063-T5  
ALUMINUM ALLOY  
BY H.R. WINDOWS



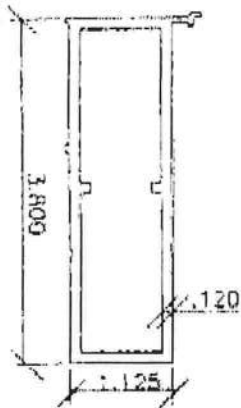
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HORIZONTAL MULLION  
(9534) 6063-T5  
ALUMINUM ALLOY  
BY H.R. WINDOWS



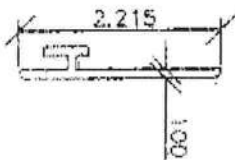
ITEM # 3  
VERTICAL OR  
HORIZONTAL MULLION  
(1 X 4) 6063-T6  
ALUMINUM ALLOY



ITEM # 4  
HORIZONTAL MULLION  
(9530) 6063-T5  
ALUMINUM ALLOY  
BY H.R. WINDOWS



ITEM # 5  
FLANGE STACK CLIP  
(9814) ALUM. ALLOY  
6063-T5  
BY H.R. WINDOWS



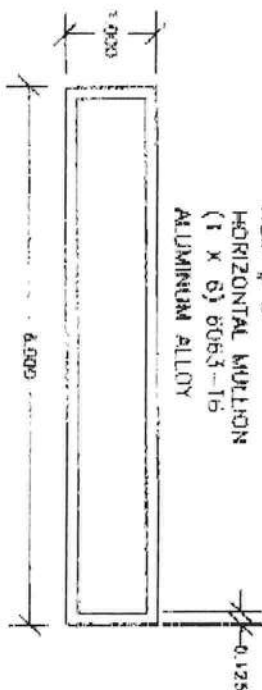
# HORIZONTAL MULLION D.P. CHART

MULLION TYPE	MULLION SIZE	MULLION PROPERTIES
9514	1.25 X 2.600 X 0.125	EXTRUDED ALUMINUM 6063-T5
9530	1.25 X 3.800 X 0.125	EXTRUDED ALUMINUM 6063-T5
GENERIC	0.00 X 4.000 X 0.125	EXTRUDED ALUMINUM 6063-T6
GENERIC	0.00 X 6.000 X 0.125	EXTRUDED ALUMINUM 6063-T6

MULLION SIZE	WINDING HEIGHT (inches)	MATERIAL THICKNESS (inches)	TYPE OF DESIGN PRESSURE	RATIO WOODS S.M.S.	INTO CONCRETE	TYPE OF DESIGN PRESSURE	MULLION CONNECTION TYPE OF ANCHOR	INTO CONCRETE
38-1/4	26	19-1/8	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
38-1/4	38-3/8	19-1/8	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
38-1/4	50-5/8	19-1/8	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
38-1/4	63	19-1/8	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
38-1/4	76-3/4	19-1/8	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
53	26	26-1/2	9534	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
53	38-3/8	26-1/2	9530	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
53	50-5/8	26-1/2	9530	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
53	76-3/4	26-1/2	9530	(2) 1/2 SWS	(2) 3/16 DIA. TAPCON	9530	(2) 1/2 SWS	(2) 1/4 DIA. TAPCON
74	26	37	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON
74	38-3/8	37	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON
74	50-5/8	37	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON
74	63	37	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON
74	76-3/4	37	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON	1 X 6	(4) 1/2 SWS	(2) 1/4 DIA. TAPCON

ITEM # 6  
HORIZONTAL MULLION  
(1 X 6) 6063-T6  
ALUMINUM ALLOY



Luis R. Lomas P.E.  
Florida No. 62594  
P/E Engineering, Inc.  
2201 S.E. Security Lane  
Fort St. Lauderdale, FL 33305  
Phone 772.961.4438 Fax 772.961.4439

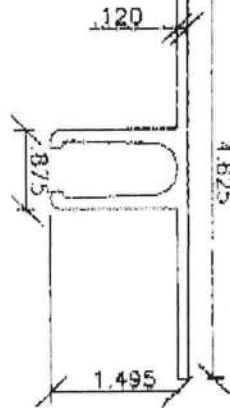
HR WINDOWS  
HORIZONTAL MULLION  
CHART AND EXTRUSIONS

DATE: 7/27/05  
DRAWN BY: JRM  
CHECKED BY: NTS  
NO. 8 OF 7

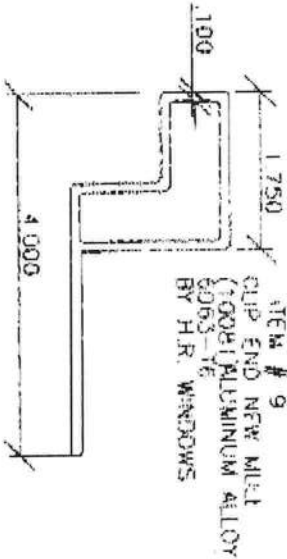


ALLOY TYPE	MILLION SIZE	MILLION PROPERTIES
9529	1.680 x 2.500 x 0.120	EXTRUDED ALUMINUM 6063-75
9534	1.755 x 2.600 x 0.120	EXTRUDED ALUMINUM 6063-16
GENERIC	1.000 x 4.500 x 0.125	EXTRUDED ALUMINUM 6063-16
GENERIC	1.000 x 4.500 x 0.125	EXTRUDED ALUMINUM 6063-16

ITEM # 7  
HORIZONTAL MULLION  
CUF (9525)  
ALUMINUM ALLOY  
6063-16  
BY H.R. WINDOWS



ITEM # 8  
VERTICAL MULLION  
ANCHOR CLIP  
(9826) ALUMINUM ALLOY  
6063-16  
BY H.R. WINDOWS



**VERTICAL MULLION D.P. CHART**

WINDOW WIDTH (inches)	MULLION DEPTH (inches)	TYPE OF MULLION DESIGN PRESSURE ± 10 PSI		MULLION CONNECTION TYPE OF ANCHOR ± 70 PSI		ALLOWABLE MULLS SET BELOW	TYPE OF MULLION DESIGN PRESSURE ± 10 PSI		MULLION CONNECTION TYPE OF ANCHOR ± 70 PSI	
		ALLOWABLE MULLS SET BELOW		MULLION CONNECTION TYPE OF ANCHOR ± 70 PSI			ALLOWABLE MULLS SET BELOW		MULLION CONNECTION TYPE OF ANCHOR ± 70 PSI	
19-1/8	25	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	28-3/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	30-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	63	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	72	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	76-3/4	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	84	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
19-1/8	96	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	26	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	30-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	50-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	63	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	72	N/A	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	76-3/4	N/A	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	84	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
26-1/2	96	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	26	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	30-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	50-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	63	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	72	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	76-3/4	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	84	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
37	96	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	26	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	30-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	50-5/8	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	9529	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	63	N/A	9534	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	72	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	76-3/4	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	84	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	
53-1/8	96	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	N/A	N/A	(2) #12 SWS (2)	3/16 DIA TAPCON	

Kelly R. Linnans P.E.  
 Florida No. 65214  
 8/10/07/07  
 27C Engineering Inc.  
 2561 SE Marion Ave  
 Port St. Lucie, FL 34952

**HRR WINROWS**

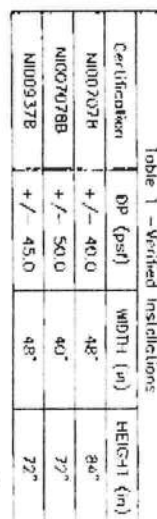
**VERTICAL MULLION  
CLAMP AND EXTRUSIONS.**

**PTE**

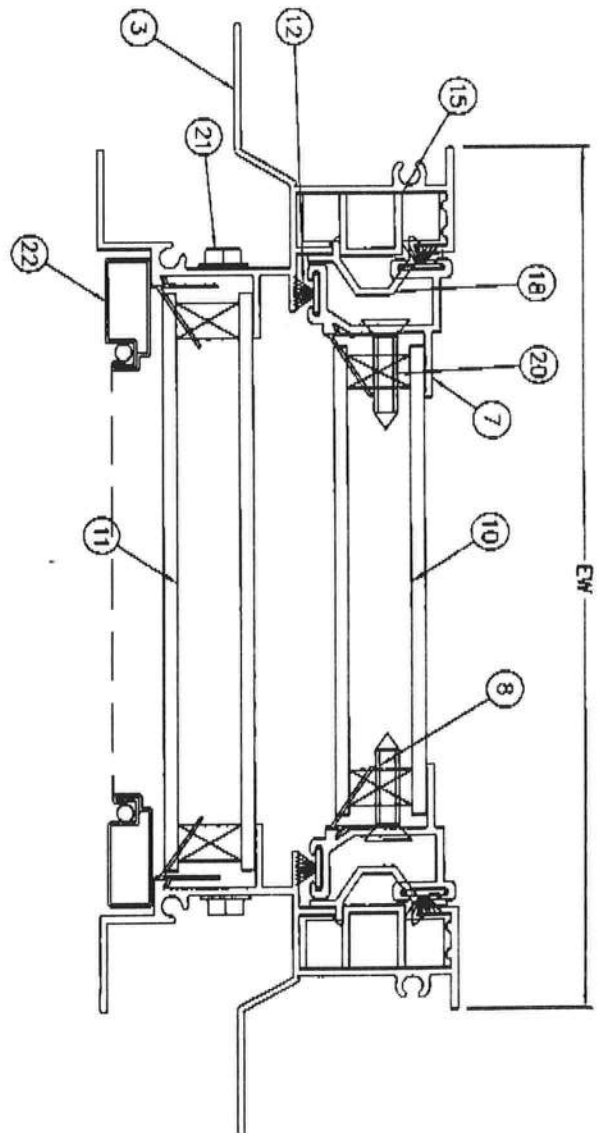
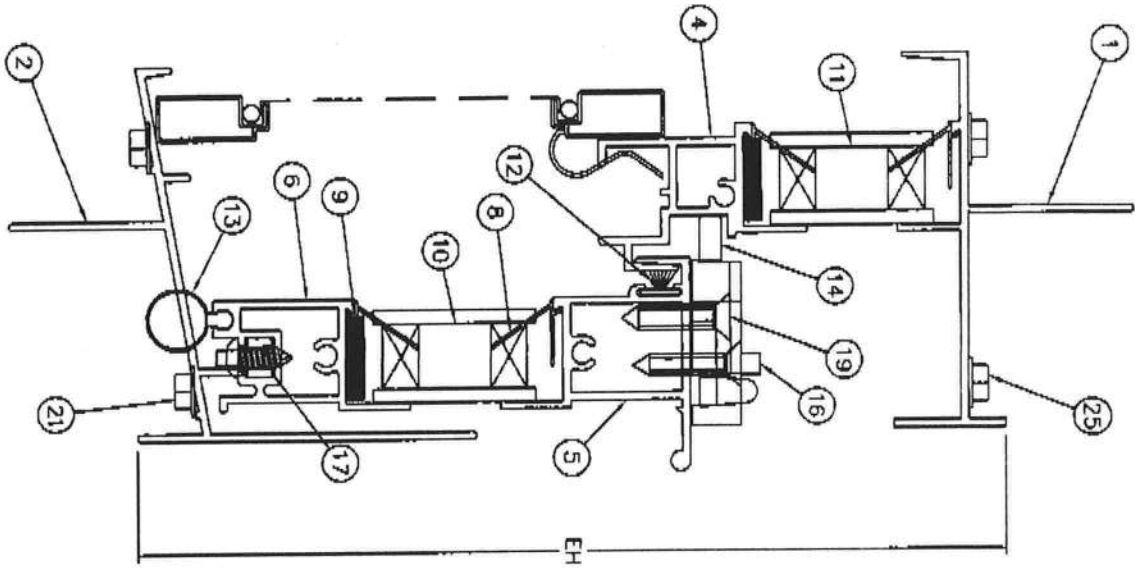
PRODUCTS INC.  
P.O. BOX 600  
BIRMINGHAM, ALA. 35201

Phone 774-389-8138 Fax 772-396-4844

DATE	ITEM	QTY	UNIT
7/27/05	JRM	1	SOCKET
	NIS	1	NTS
		7 OF 7	

[illegible]

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### WINDOW PARTS DESCRIPTION

ITEM NUMBER	DESCRIPTION	ITEM NUMBER	DESCRIPTION
1	HEAD	12	WEATHER-STRIPPING
2	SILL	13	BULB SEAL
3	JAMB	14	SWEEP LOCK
4	MEETING RAIL	15	BALANCE ROD
5	SASH TOP RAIL	16	TILT LATCH
6	SASH BOTTOM RAIL	17	PIVOT BAR
7	SASH SIDE RAIL	18	SASH STOP
8	GLAZING BEAD	19	SCREW #8x3/4"
9	GLAZING BLOCK	20	SCREW #8x1" FLAT HEAD
10	SASH/BOTTOM GLASS	21	SCREW #8x1" PAN HEAD
11	FIXED/TOP GLASS	22	SCREEN

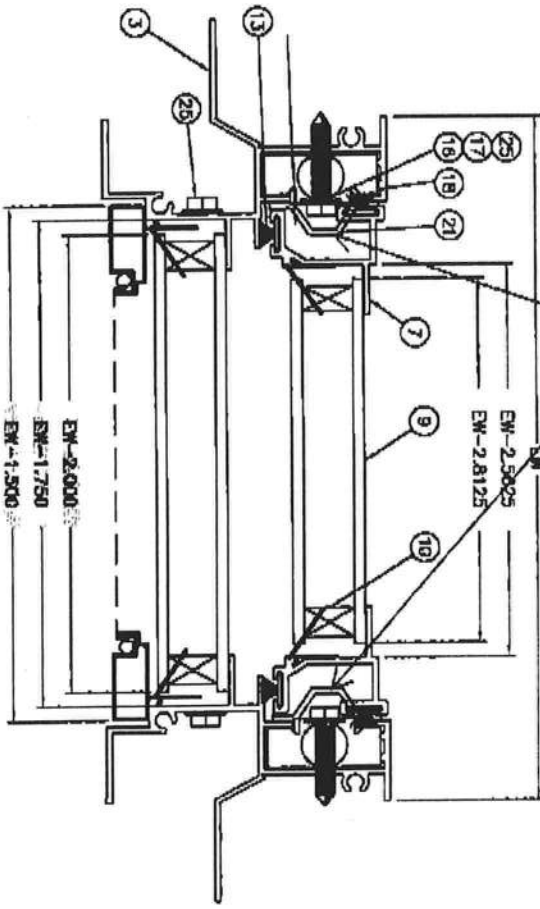
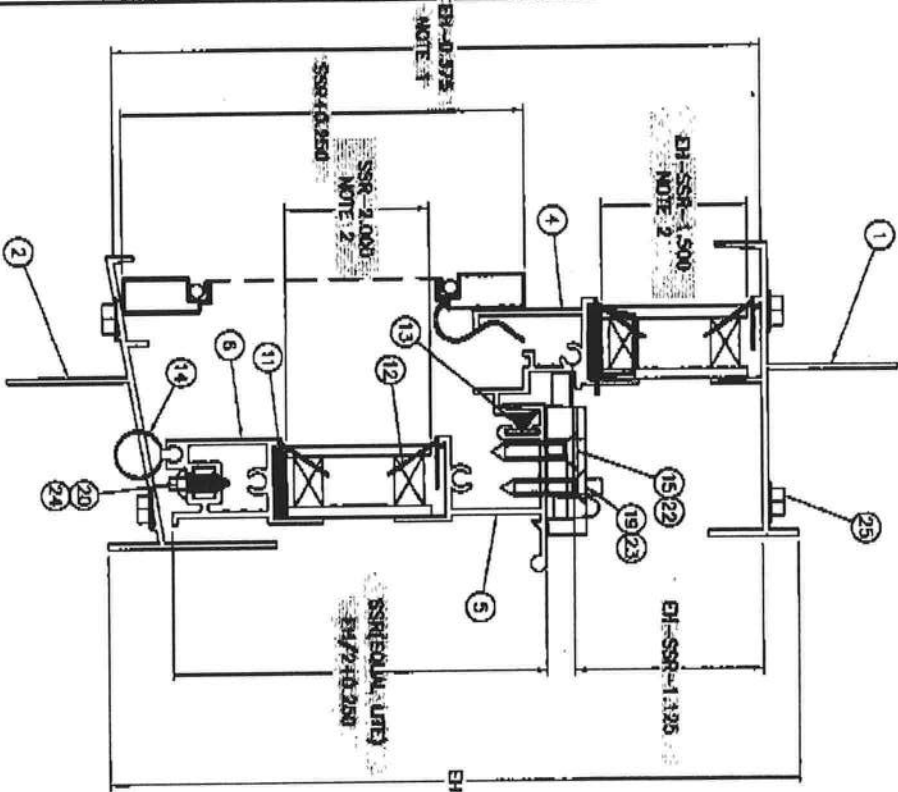
2500 DP50 FIN ALUMINUM SINGLE HUN

ADW-09 2500 SH DP50 FIN ASSEMBLY

**ATRUM**  
COMPANIES, INC.

ETC Laboratories  
 Verified By: GS  
 Report #: ETC-07-018-00095-0  
 Date: 02/27/2008

# Non continuous - ETC Labs Note



## NOTES:

1. JAMB CUT LENGTH IS WINDOW'S EXACT HEIGHT(EH). JAMB FINISHED LENGTH IS EH-0.375".
2. ALTERNATE FORMULA FOR EQUAL UTE WINDOW GLASS HEIGHT IS EH/2-1.750".
3. EGRESS HEIGHT = SSR - 5.500" (for windows)
4. EGRESS HEIGHT = EH/2 - 5.250" (equal lite only)
5. EGRESS WIDTH = EW - 2.625" (grading begins not removed)

NO.	DATE	DESCRIPTION	CHG'D BY	CHK'D BY	DATE
1	02/27/08	Change to Egress Height	GS	GS	02/27/08

**ATRUM**  
 COMPANIES, INC.

ADW-09

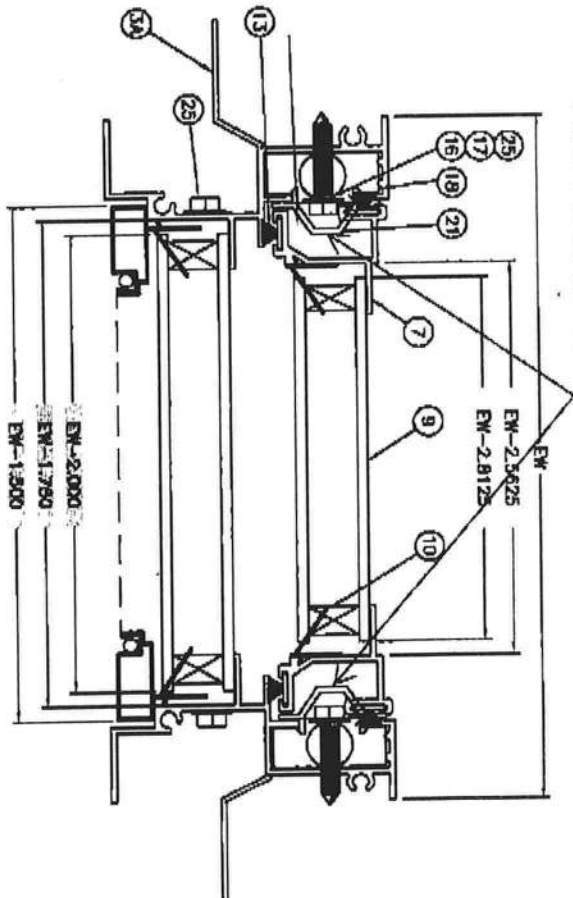
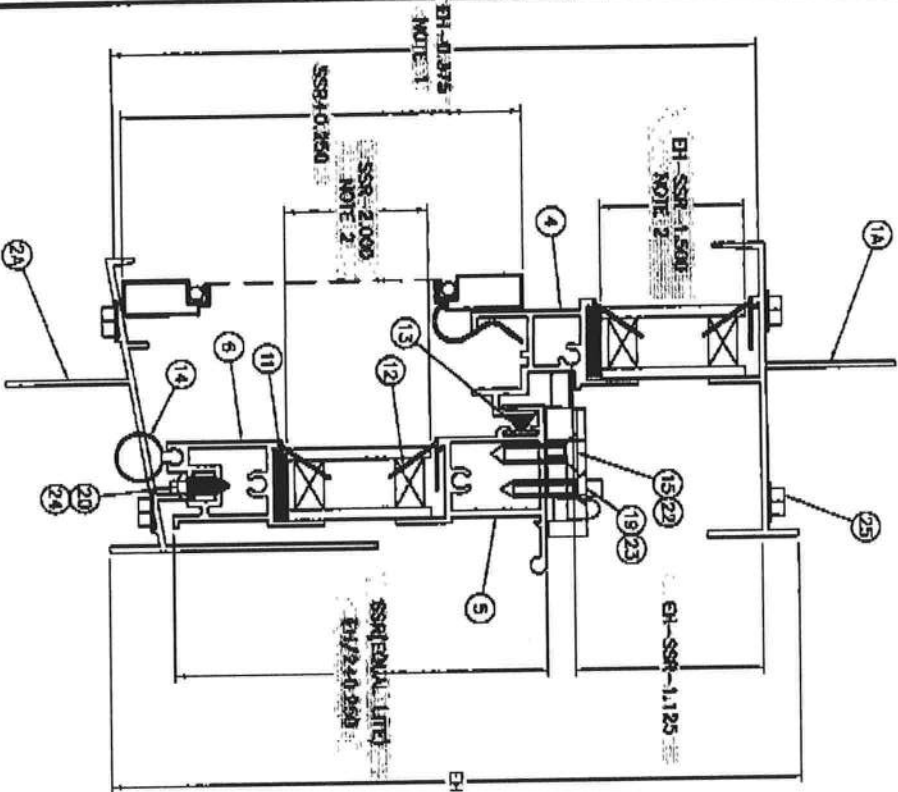
6063	TS	6063	TS	6063	TS
ALUM	1:1	ALUM	1:1	ALUM	1:1
JPT	DIC	JPT	DIC	JPT	DIC
15 FEB 2007		15 FEB 2007		15 FEB 2007	

2508 DYNALUM ALUMINUM SINGLE HING  
 ATRUM-2508 DYNALUM ALUMINUM SINGLE HING

ATRUM



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NOTES:

1. JAMB CUT LENGTH IS WINDOW'S EXACT HEIGHT(EH). JAMB FINISHED LENGTH IS EH-0.375".
  2. ALTERNATE FORMULA FOR EQUAL LITE WINDOW CLASS HEIGHT IS EH/2-1.750".
- EGRESS HEIGHT = SSR - 5.500" (all windows)  
 EGRESS HEIGHT = EH/2 - 5.250" (equal lite only)  
 EGRESS WIDTH = EW - 2.625" (glazing legs not removed)

REVISIONS		DESCRIPTION	DATE	BY	CHK'D BY
1	02/27/2008	SSR-2.000			
2	02/27/2008	SSR-0.250			
3	02/27/2008	EH-2.40.250			

**ATRUM**  
 COMPANIES, INC.

ADW-09

2500 DVS0 FTN ALUMINUM SINGLE SIDING	ADW-09 2500 SDR DVS0 FTN ALUMINUM
SCALE: 1:1	DATE: 10 JUL 2007
DESIGNED BY: JEP	DESIGNED BY: JEP
CHECKED BY: JEP	CHECKED BY: JEP
APPROVED BY: JEP	APPROVED BY: JEP



# COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIREMENTS

## MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH  
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH  
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

**GENERAL REQUIREMENTS:  
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-  
Each Box shall be  
Circled as  
Applicable

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.)	IIIIIIII	IIIIIIII	IIII
	Total (Sq. Ft.) under roof			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

### **Site Plan information including:**

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	<input checked="" type="checkbox"/>		
7	Provide a full legal description of property. SEE SURVEY	<input checked="" type="checkbox"/>		

## **Wind-load Engineering Summary, calculations and any details required**

<b>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		<b>Items to Include- Each Box shall be Circled as Applicable</b>		
<b>8</b>	<b>Plans or specifications must show compliance with FBCR Chapter 3</b>	<b>IIII</b>	<b>IIII</b>	<b>IIII</b>
		<b>YES</b>	<b>NO</b>	<b>N/A</b>
9	Basic wind speed (3-second gust), miles per hour	X		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	X		
11	Wind importance factor and nature of occupancy	X		
12	The applicable internal pressure coefficient, Components and Cladding	X		
13	The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	X		

## **Elevations Drawing including:**

14	All side views of the structure	X		
15	Roof pitch	X		
16	Overhang dimensions and detail with attic ventilation	X		
17	Location, size and height above roof of chimneys	X		
18	Location and size of skylights with Florida Product Approval	X		
18	Number of stories	X		
20A	Building height from the established grade to the roofs highest peak	X		

## **Floor Plan including:**

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	X		
21	Raised floor surfaces located more than 30 inches above the floor or grade	X		X
22	All exterior and interior shear walls indicated	X		X
23	Shear wall opening shown (Windows, Doors and Garage doors)	X		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	X		
25	Safety glazing of glass where needed			X
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)			X
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			X
28	Identify accessibility of bathroom (see FBCR SECTION 322)	X		

**All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)**

**GENERAL REQUIREMENTS:**  
**APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-  
Each Box shall be  
Circled as  
Applicable

**FBCR 403: Foundation Plans**

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	<input checked="" type="checkbox"/>		
30	All posts and/or column footing including size and reinforcing	<input checked="" type="checkbox"/>		
31	Any special support required by soil analysis such as piling.			<input checked="" type="checkbox"/>
32	Assumed load-bearing value of soil <u>2000</u> Pound Per Square Foot	<input checked="" type="checkbox"/>		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	<input checked="" type="checkbox"/>		

**FBCR 506: CONCRETE SLAB ON GRADE**

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	<input checked="" type="checkbox"/>		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	<input checked="" type="checkbox"/>		

**FBCR 320: PROTECTION AGAINST TERMITES**

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	<input checked="" type="checkbox"/>		
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**FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)**

37	Show all materials making up walls, wall height, and Block size, mortar type			<input checked="" type="checkbox"/>
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			<input checked="" type="checkbox"/>

**Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect**

**Floor Framing System: First and/or second story**

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			<input checked="" type="checkbox"/>
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			<input checked="" type="checkbox"/>
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			<input checked="" type="checkbox"/>
42	Attachment of joist to girder			<input checked="" type="checkbox"/>
43	Wind load requirements where applicable			<input checked="" type="checkbox"/>
44	Show required under-floor crawl space			<input checked="" type="checkbox"/>
45	Show required amount of ventilation opening for under-floor spaces			<input checked="" type="checkbox"/>
46	Show required covering of ventilation opening			<input checked="" type="checkbox"/>
47	Show the required access opening to access to under-floor spaces			<input checked="" type="checkbox"/>
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			<input checked="" type="checkbox"/>



48	intermediate of the areas structural panel sheathing			X
49	Show Draftstopping, Fire caulking and Fire blocking			X
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			X
51	Provide live and dead load rating of floor framing systems (psf).			X

## **FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing			X
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	X		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)			X
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas			X
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			X

## **FBCR :ROOF SYSTEMS:**

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses			X
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer			X
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters			X
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details			X
64	Provide dead load rating of trusses			X

## **FBCR 802:Conventional Roof Framing Layout**

65	Rafter and ridge beams sizes, span, species and spacing	X		
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	X		
67	Valley framing and support details	X		
68	Provide dead load rating of rafter system	X		

## **FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING**

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness			X
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas			X

## **FBCR ROOF ASSEMBLIES FRC Chapter 9**

71	Include all materials which will make up the roof assemblies covering			X
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	X		

## **FBCR Chapter 11 Energy Efficiency Code for residential building**

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	X		
74	Attic space	X		
75	Exterior wall cavity	X		
76	Crawl space			X

## **HVAC information**

77	Submit two copies of a Manual J sizing equipment or equivalent computation study			X
78	Exhaust fans locations in bathrooms	X		
79	Show clothes dryer route and total run of exhaust duct			X

## **Plumbing Fixture layout shown**

80	All fixtures waste water lines shall be shown on the foundation plan	X		
81	Show the location of water heater	X		

## **Private Potable Water**

EXISTING

82	Pump motor horse power			X
83	Reservoir pressure tank gallon capacity			X
84	Rating of cycle stop valve if used			X

## **Electrical layout shown including**

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	X		
86	Ceiling fans	X		
87	Smoke detectors & Carbon dioxide detectors	X		
88	Service panel, sub-panel, location(s) and total ampere ratings	X		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	X		

90	Appliances and HVAC equipment and disconnects			X
91	Arc Fault Circuits (AFCI) in bedrooms	X		

**Disclosure Statement for Owner Builders** *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

### Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

<b>GENERAL REQUIREMENTS:</b> APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable
--	--	--

### THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	<b>Building Permit Application</b> A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	<b>Parcel Number</b> The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	<b>Environmental Health Permit or Sewer Tap Approval</b> A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	<b>City of Lake City</b> A permit showing an approved waste water sewer tap			✓
96	<b>Toilet facilities shall be provided for all construction sites</b>	✓		
97	<b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	<b>Flood Information:</b> All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	<b>CERTIFIED FINISHED FLOOR ELEVATIONS</b> will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is <b>\$50.00</b>			
101	<b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit ( <b>\$25.00</b> ) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ( <b>\$50.00</b> ). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			✓
102	<b>911 Address:</b> If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and <b>received</b> through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

## **Section R101.2.1 of the Florida Building Code Residential:**

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

### **Time limitation 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.

### **Single-family residential dwelling.**

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

### **Permit intent.**

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

### **If work has commenced.**

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

### **New Permit.**

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.



**Work Shall Be:**

**Section 105.4.1.3:** Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

**The Fee:**

**Section 105.4.1.4:** The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

**When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department**

# PRODUCT APPROVAL SPECIFICATION SHEET

**Location:** 719 SW Crissy Lane Ft. White FL

**Project Name:** James & Geri Boylan

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
x 1. Swinging	Jeld Wen	9-Lite Entry Door 36x80 Fiberglass Skel	02-1211-10
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
x 1. Single hung	HR Windows	Single hung Aluminum	FL 8710
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
x 1. Siding	James Hardi	Hardi Plank Siding	FI 889-R3
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
* 4. Non-structural Metal Rf	Gibraltar Bldg Products	24 Ga Galv Rib Roofing 14x36 SM Ribbed	07-0924-07
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
<b>E. SHUTTERS</b>			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
<b>F. SKYLIGHTS</b>			
1. Skylight			
2. Other			
<b>G. STRUCTURAL COMPONENTS</b>			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
✓ 6. Concrete Admixtures	Materials Group	3300 PSI with added Fiber	
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
✗ 11. Wall			
12. Sheds			
13. Other			
<b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
1.			
2.			

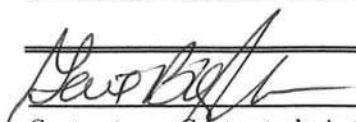
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Contractor or Contractor's Authorized Agent Signature

719 SW Grassh Lane Ft. White FL 32038

Location

Gail Boylan

Print Name

3/16/09

Date

Permit # (FOR STAFF USE ONLY)

# COLUMBIA COUNTY OFFICE OF CALVIN

## 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 10-6S-16-03814-110

Building permit No. 000027720

Use Classification SFD, UTILITY

Fire: 38.52

Permit Holder JAMES BOYLAN

Waste: 100.50

Owner of Building JAMES & GAIL BOYLAN

Total: 139.02

Location: 719 SW GRASSY LANE

Date: 04/24/2009

*Harry Dick*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)





27720

Engineers • Planners

128 SW Nassau St  
Lake City, FL 32025  
Phone 386-758-4209  
Fax 386-758-4290

4/24/2009

Columbia County Building and Zoning

To Whom it may Concern:

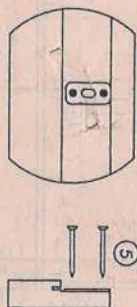
RE: Jim Boylan residence ID 03814-110

I have completed an inspection of the pole barn structure. The type of construction is non-conventional per the Florida Building Code since it is a post frame structure. The structure does meet loading requirements per section 1609 of the FBC 2007 edition. I certify the foundation and structure are able to withstand wind forces of 110 mile per hour. The permit documents can be referenced for construction details. If you have any questions, please call me at (386) 758-4209.

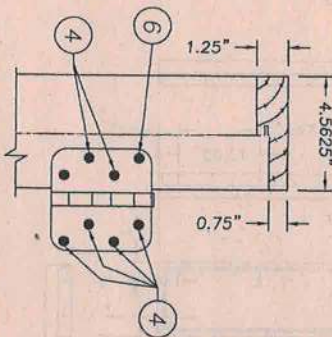
Sincerely,

William Freeman, P.E. #56001  
CA#6701

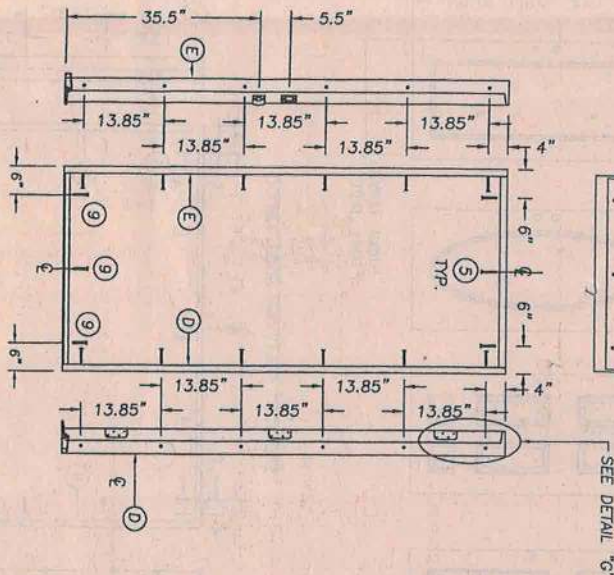
DETAIL "F"  
ATTACH ASTRAFL THROW BOLT  
STRIKE PLATE TO FRAME  
AS SHOWN.



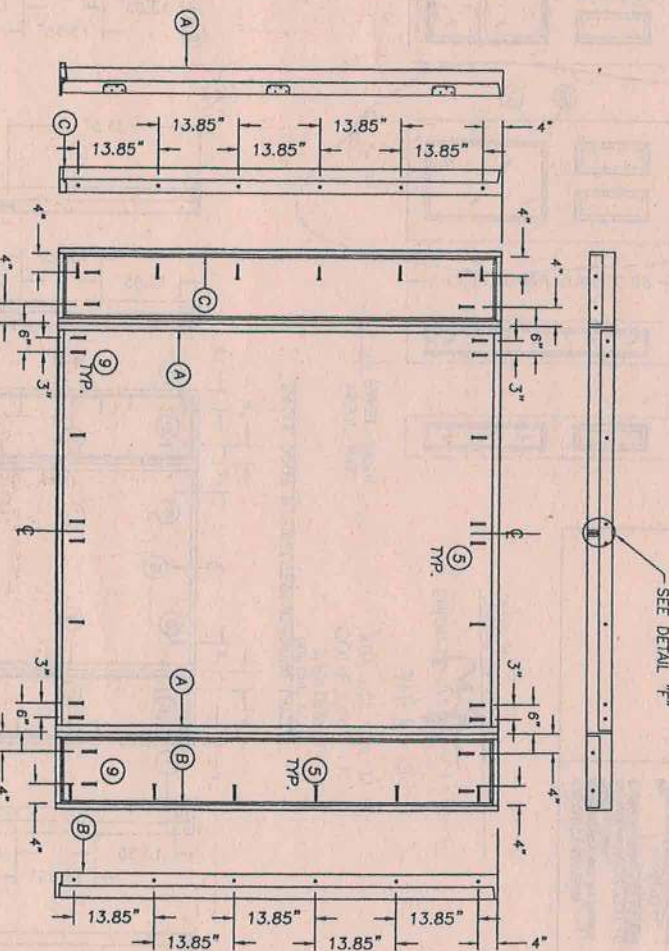
DETAIL "G"  
HINGE DETAIL



SINGLE DOOR ANCHORING LOCATIONS



DOUBLE DOOR W/SIDE LITES ANCHORING LOCATIONS



BUILDING PLANE CONSULTANTS, INC.  
REVIEWED THIS  
CODE COMPLIANCE  
KEEP THIS PLAN ON JOB  
APR 07 2003  
Building & Zoning Inspector  
License No. 813.684.3831

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Adoption No. 02-12110  
Expiration Date 02/13/10  
By: [Signature]  
Michael [Signature]  
Director

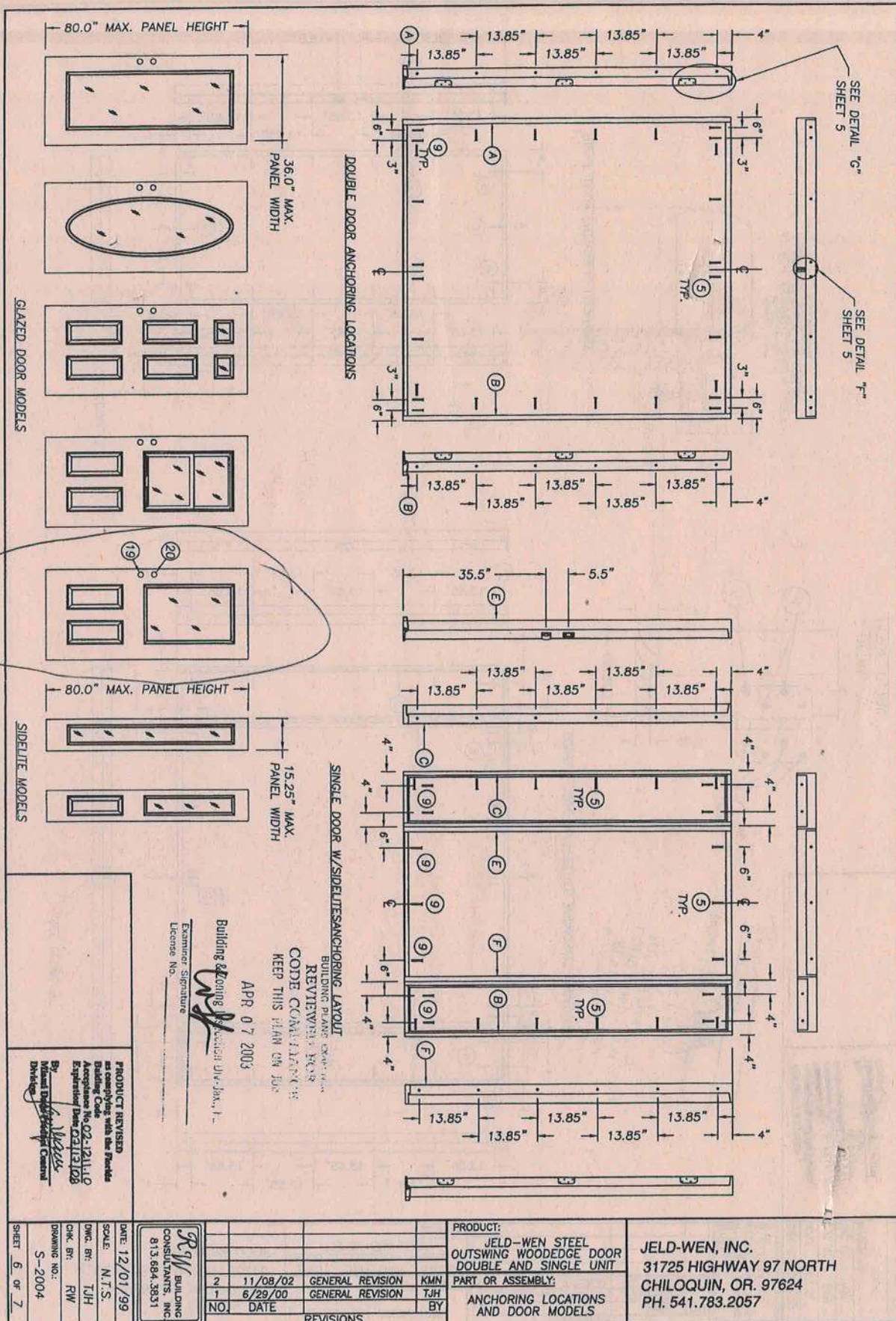
DATE	12/01/99
SCALE	N.T.S.
CHK. BY	TJH
CHK. BY	RW
DRAWING NO.	S-2004
SHEET	5 OF 7

NO.	DATE	REVISIONS
2	11/08/02	GENERAL REVISION
1	6/29/00	GENERAL REVISION

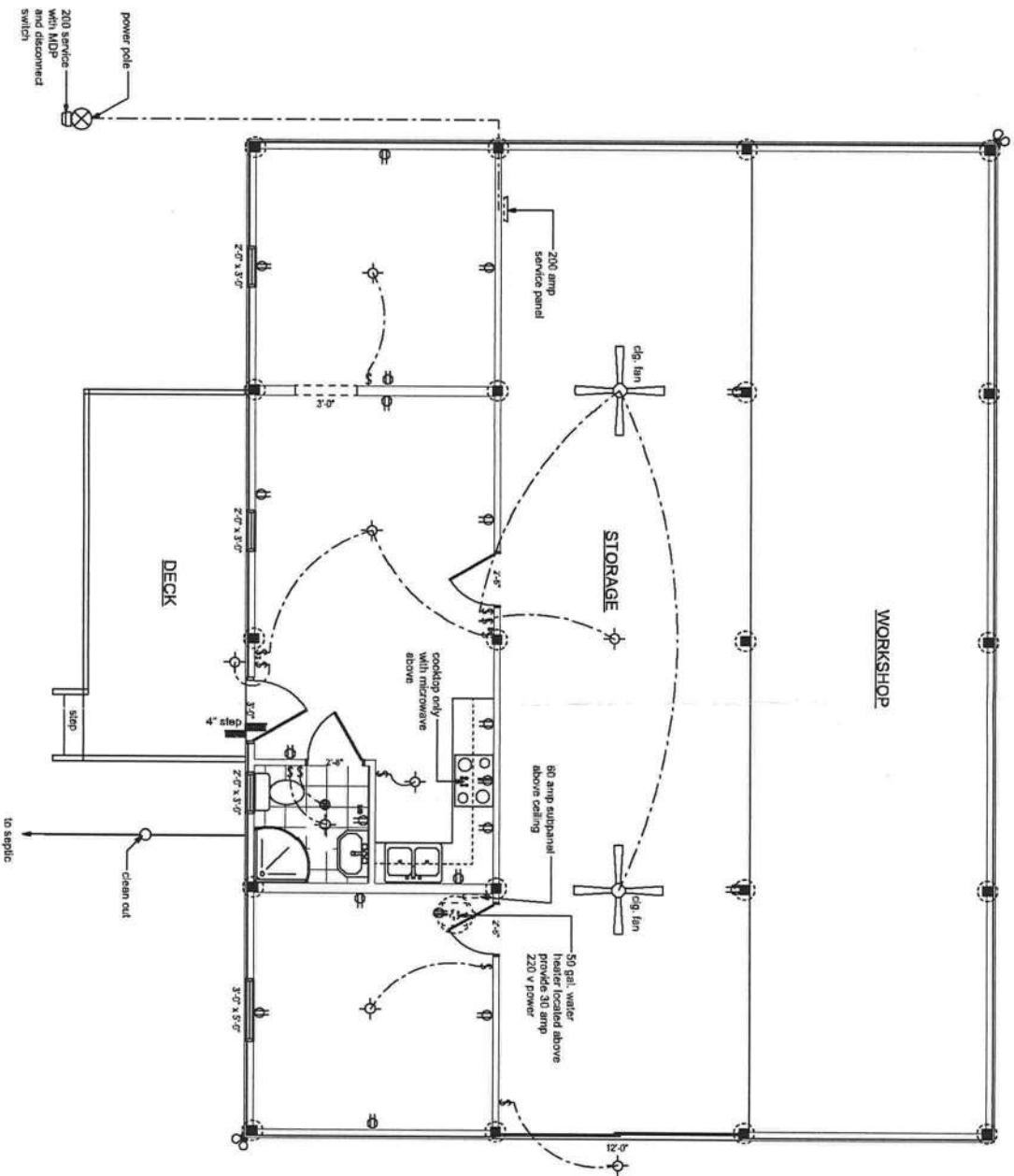
PRODUCT:	JELD-WEN STEEL OUTSWING WOODEDGE DOOR DOUBLE AND SINGLE UNIT
PART OR ASSEMBLY:	ANCHORING LOCATIONS
BY	KMN TJH

PRODUCT:	JELD-WEN, INC.
PART OR ASSEMBLY:	31725 HIGHWAY 97 NORTH CHILOQUIN, OR. 97624 PH. 541.783.2057





OK *W*



AS-BUILT ELECTRICAL PLAN  
SCALE: 1/4" = 1'-0"

ELECTRICAL	SYMBOL
electrical meter	
electrical panel	
50 cfm exhaust fan	
light	
outlet	
outlet 220v	
outlet gfi	
smoke detector	
switch	
switch 3 way	

*Chlor H. True*  
3/23/09

BOYLAN RESIDENCE

P.E. # 55001

Freeman  
Design Group, Inc.



128 SW NASSAU STREET  
LAKE CITY, FL. 32025  
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008701

DATE 02/24/09	DRAWN BY W.H.F.
APPROVED W.H.F.	
REVISIONS	

SHEET A-3
OF 6
PROJECT NO. 08AR009