



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

## PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "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." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD.** PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

**Scope of Work:** WINDOWS: 7, size-for-size

**Comments:** None

**Project Information**

Address: 5293 Jade Circle, Belle Isle, FL 32812  
 Parcel ID: 20-23-30-4395-00-700  
 Property Owner: Burney, Chris & Teri  
 Phone Number: 515-571-2023

\*\*\*\*\*

Company Name: BY OWNER  
 Contractor Name:  
 License Number:  
 Address:  
 Phone Number:

**Permit Number: 2014-01-004**

Date of Application: 12/27/2013

Date Permit Issued: 12/27/2013

**WARNING TO OWNER:** "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

**BUILDING FEATURES**

**IMPACT FEES**

School \$

**ZONING FEES**

Zoning Fee \$

**UNIVERSAL ENG - BUILDING FEES**

Demo \$  
 Building \$  
 Fence \$  
 Driveway \$  
 Shed \$  
 Window(s) \$43.50  
 Door(s) \$  
 PrePower \$  
 Electrical \$  
 Temp Pole \$  
 Plumbing \$  
 Mechanical \$  
 Gas \$  
 Roofing \$  
 Boat Dock \$  
 Screen Encl \$  
 Swimming Pool \$

**SURCHARGE FEES**

Surcharge Fee \$2.00  
 Surcharge Fee \$2.00

**TOTAL FEES \$47.50**

Date Paid 1-31-14

CC or Check # VISA 4772

Amount Paid 47.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

**BUILDING INSPECTOR USE ONLY**

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

**BUILDING**

1<sup>st</sup> \_\_\_\_\_ (Footing/Foundation)  
 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? \_\_\_\_  
 2<sup>nd</sup> \_\_\_\_\_ (Slab)  
 3<sup>rd</sup> \_\_\_\_\_ (Lintel)(Wall Reinforcing on Masonry Building)  
 4<sup>th</sup> \_\_\_\_\_ (Exterior Framing)(Roof/Wall Sheathing)  
 5<sup>th</sup> \_\_\_\_\_ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)  
 6<sup>th</sup> \_\_\_\_\_ (Insulation to be Made After Roof Installed)  
 7<sup>th</sup> \_\_\_\_\_ (Drywall)  
 8<sup>th</sup> \_\_\_\_\_ (Sidewalk/Driveway)  
 9<sup>th</sup> \_\_\_\_\_ (Other)  
 10<sup>th</sup> \_\_\_\_\_ (Final – After MEP and Other Applicable Finals)

**ROOFING**

1<sup>ST</sup> ROOFING Deck Nailing/Dry-in/Flashing \_\_\_\_\_  
 2<sup>nd</sup> ROOFING Covering In-Progress \_\_\_\_\_  
 3<sup>rd</sup> ROOFING Covering Final \_\_\_\_\_

**PLUMBING** (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1<sup>ST</sup> \_\_\_\_\_ (Underground) 2<sup>nd</sup> \_\_\_\_\_ (Sewer)  
 3<sup>rd</sup> \_\_\_\_\_ (Rough-In/Tub Set) 4<sup>th</sup> \_\_\_\_\_ (Final)

**CHECK APPROPRIATE BOX**

**GAS** \_\_\_ Natural \_\_\_ LP  **MECHANICAL**  **ELECTRICAL**  **LOW VOLTAGE**

1<sup>st</sup> \_\_\_\_\_ (Rough-In) 2<sup>nd</sup> \_\_\_\_\_ (Final)

Inspection requests are to be emailed to [BDscheduling@UniversalEngineering.com](mailto:BDscheduling@UniversalEngineering.com); a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 1pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.



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**received**  
12-27-13

## Building Permit (Land Use) Application

DATE: \_\_\_\_\_

PERMIT # 2014-01-004

PROJECT ADDRESS 5293 Jade Circle, Belle Isle, FL 32809 X 32812

PROPERTY OWNER Chris + Teri Burney PHONE 515-571-2023 VALUE OF WORK (labor & material) \$ 6,100  
515-571-2023

**PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS**

Install 7 replacement Window to the south side of the Home size for size

Please provide information, if applicable.

- Survey specific foundation plan required to show compliance with zoning setbacks
- **BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- **SEPTIC SYSTEM (RESIDENTIAL):** – Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: Parcel Id Number: 20-23-30-4395-00-700

To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

**SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCROACH INTO ANY EASEMENT OR REQUIRED SETBACK. Note, this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.**

Wind Exposure Category: B \_\_\_ C \_\_\_ D \_\_\_

Attached Survey \_\_\_ SETS and Construction Plans \_\_\_ SETS

PLANNING & ZONING APPROVAL: \_\_\_\_\_  
DATE \_\_\_\_\_

SPRINKLERS REQ'D	Y	N	
<b>If Required – SUBMIT COPY OF PLANS FOR FIRE REVIEW</b>			
REVIEW	Date: Sent	RCD	
ZONING	Y	N	\$ _____
CERT OF OCC	Y	N	\$ _____
TRAFFIC	Y	N	\$ _____
SCHOOL	Y	N	\$ _____
FIRE	Y	N	\$ _____
SWIMMING POOL	Y	N	\$ _____
SCREEN ENCLOSURE	Y	N	\$ _____
ROOFING	Y	N	\$ _____
BOAT DOCK	Y	N	\$ _____
BUILDING	Y	N	\$ <u>43.50</u>
WINDOW(S)	<input checked="" type="checkbox"/>	N	\$ _____
DOOR(S)	Y	N	\$ _____
FENCE	Y	N	\$ _____
SHED	Y	N	\$ _____
DRIVEWAY	Y	N	\$ _____
OTHER	Y	N	\$ _____

**PLEASE COMPLETE for Building Review**

CONSTRUCTION TYPE Block

OCCUPANCY GROUP \_\_\_\_\_ Comm Res: X Single Fam \_\_\_\_\_ Multi Fam

#BLDG. \_\_\_\_\_ #UNITS \_\_\_\_\_ #STORIES 1 TOTAL SQ.FT. 2040

MAX. FLOOR LOAD \_\_\_\_\_ MAX. OCCUPANCY \_\_\_\_\_

MIN. FLOOD ELEV. \_\_\_\_\_ LOW FLOOR ELEV. \_\_\_\_\_

WATER SERVICE \_\_\_\_\_ WELL \_\_\_\_\_ SEPTIC \_\_\_\_\_

3% FL SURCHARGE 4.00

TOTAL 47.50

BUILDING REVIEWER \_\_\_\_\_ DATE \_\_\_\_\_

NOTES 29.00  
14.50

By Owner Form  NA

Notice of Commencement Y NA

Power of Attorney Y NA

Contractor Packet Included? Y N

**OTHER PERMITS REQUIRED:**

ELECTRICAL	Y	NA
PREPOWER	Y	NA
MECHANICAL	Y	NA
PLUMBING	Y	NA
ROOFING	Y	NA
GAS	Y	NA

Per FSS 105.3.3:

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Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

**SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.**



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**Building Permit (Land Use) Application**

To be completed as required by State Statute Section 713 and other applicable sections.

**PERMIT #** \_\_\_\_\_

Owner's Name Chris + Teri Burney

Owner's Address 5293 Jade Circle Belle Isle Florida 32812

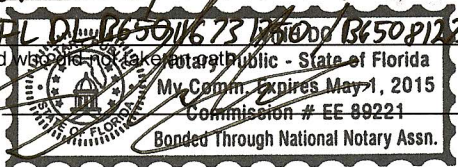
Contractor Name	Company Name
License #	Company Address
Contact Phone/Cell	City, State, ZIP
Contact Email <u>ctburney@hotmail.com</u>	Contact Fax

**WARNING TO OWNER:** Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations ([www.floridabuilding.org](http://www.floridabuilding.org)) and City Ordinances ([www.municode.com](http://www.municode.com)) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the 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 will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

**OWNER'S AFFIDAVIT:** 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.

Owner Signature Chris & Teri Burney  
 The foregoing instrument was acknowledged before me this 12/27/13  
 by Chris & Teri Burney who is personally known to me  
 and who produced FL DL # 16501675 ID# 001365081236731  
 as identification and who did not take an oath.  
 Notary as to Owner \_\_\_\_\_  
 State of Florida  
 County of Orange

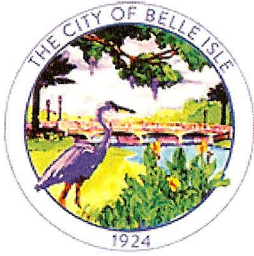


Contractor Signature \_\_\_\_\_  
 COMPANY NAME \_\_\_\_\_  
 The foregoing instrument was acknowledged before me this \_\_\_/\_\_\_/\_\_\_  
 by \_\_\_\_\_ who is personally known to me  
 and who produced \_\_\_\_\_  
 as identification and who did not take an oath.  
 Notary as to Owner \_\_\_\_\_  
 State of Florida  
 County of Orange

**Impervious Surface Ratio Worksheet**  
 Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).  
 Total Lot Area \_\_\_\_\_ X 0.35=  
 Allowable Impervious Area (BASE) \_\_\_\_\_
- Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc.
  - House \_\_\_\_\_
  - Driveway \_\_\_\_\_
  - Walkway \_\_\_\_\_
  - Accessory Buildings \_\_\_\_\_
  - Pool & Spa \_\_\_\_\_
  - Deck & Patio \_\_\_\_\_
  - Other \_\_\_\_\_
 Actual Impervious Area (AIA) \_\_\_\_\_
- If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
- If AIA is greater than BASE, then onsite retention **must be provided**.

Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed



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### **OWNER BUILDER DISCLOSURE STATEMENT**

**Per Florida Statue 455.228:**

**Homeowners hiring unlicensed Contractors may be  
subject a fine of up to \$5,000.00!**

Before me this day personally appeared Christa Teri Burney, who being duly sworn, deposes, and says as follows. "I hereby acknowledge that I have read and fully understand the individual provisions of this instrument."

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license  
CB Initial  
JB
2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility. CB Initial  
JB
3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts. CB Initial  
JB
4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000.00. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption. CB Initial  
JB
5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction. CB Initial
6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance. CB Initial  
JB
7. I understand that it is a frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit, that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property. CB Initial  
JB
8. I understand that I 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 my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk. CB Initial  
JB

Owner Builder Disclosure Statement

9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

CB Initial  
JB

10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at (850)487-1395 or [www.Call.Center@dbpr.state.fl.us](http://www.Call.Center@dbpr.state.fl.us) for more information about licensed contractors.

CB Initial  
JB

11. I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

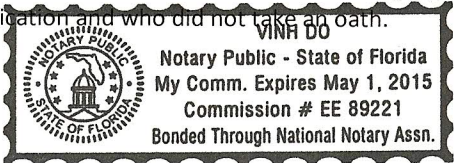
Project Address: 5293 Jade Circle Belle Isle FL 32812 CB Initial  
JB

12. I agree to notify the City of Belle Isle Building/Zoning Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure.

CB Initial  
JB

Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if any unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit. A copy of the property owner's driver license, the notarized signature of the property owner, or other type of verification acceptable to the local permitting agency is required when the permit is issued.

Signature: <u><i>Chris Burney</i></u> (Signature of the property owner)	Print: <u>Chris Burney</u> (Name of the property owner)
Signature: <u><i>Teri Burney</i></u> (Signature of the property owner)	Print: <u>Teri Burney</u> (Name of the property owner)
Owner's Address: <u>5293 Jade Circle Belle Isle FL 32812</u>	
The foregoing instrument was acknowledged before me this <u>12</u> / <u>27</u> / <u>2013</u>	
by <u>Chris &amp; Teri Burney</u> who is personally known to me / who produced the following	
<u>FL DL B650116731290 / B650812736731</u> as identification and who did not take an oath.	
State of Florida / County of <u>Orange</u>	Seal: 
Notary Signature <u><i>[Signature]</i></u>	



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## Product Approval Form

DATE: \_\_\_\_\_

PERMIT # \_\_\_\_\_

PROJECT ADDRESS 5293 Jade Circle, Belle Isle, FL 32809 X 32812

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at [www.floridabuilding.org](http://www.floridabuilding.org) or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped
3. Manufacturer's installation details from FloridaBuilding.org and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
<b>EXTERIOR DOORS</b>				<b>WALL PANELS</b>			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/DbI Hung	<i>Pella</i>	<i>ThermaStar 10 FL 11206-RB</i>		Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Other			
Skylights							
Other							
<b>STRUCTURAL COMPONENTS</b>				<b>OTHER</b>			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature *Ch. Bong*

Date \_\_\_\_\_



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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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 **Application Detail**

OFFICE OF THE SECRETARY

FL #	FL11206-R8	
Application Type	Revision	
Code Version	2010	
Application Status	Approved	
Comments	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.	
Archived	<input type="checkbox"/>	
Product Manufacturer	Pella Corporation	
Address/Phone/Email	102 Main St. Pella, IA 50219 (641) 621-6096 pellaproductapproval@pella.com	
Authorized Signature	TROY FARR tbfarr@pella.com	
Technical Representative	TROY FARR	
Address/Phone/Email	18600 NE WILKES ROAD PORTLAND, OR 97230 (503) 405-9176 tbfarr@pella.com	
Quality Assurance Representative	TROY FARR	
Address/Phone/Email	18600 NE WILKES ROAD PORTLAND, OR 97230 (503) 405-9176 tbfarr@pella.com	
Category	Windows	
Subcategory	Single Hung	
Compliance Method	Certification Mark or Listing	
Certification Agency	Window and Door Manufacturers Association	
Validated By	James L. Buckner, P.E. at CBUCK Engineering <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received	
Referenced Standard and Year (of Standard)	<b>Standard</b> AAMA 101/I.S.2-97 AAMA/WDMA/CSA 101/I.S.2/A440-08	<b>Year</b> 1997 2008
Equivalence of Product Standards Certified By		



		Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.6	Series 10/20 Single Hung	Vinyl Fixed Over Single Hung Composite (46" x 76")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +30/-30 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.28.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/11/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.7	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 72")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.04.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 08/04/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.8	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 59-1/2")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.08.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 08/04/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.9	Series 10/20 Single Hung	Vinyl Single Hung Window (36" x 59-1/2")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.16.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 08/03/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.10	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 84")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.20.pdf</a> <a href="#">FL11206_R8_C_CAC_411-H-1043.24.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 08/07/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.11	Series 10/20 Single Hung	Vinyl Single Hung Window (36" x 72")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.12.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 08/03/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135

		Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.12	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (72" x 53.5")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.43.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/17/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.13	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (96" x 53.5")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.57.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/19/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.14	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (96" x 72")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +30/-30 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.49.pdf</a> <a href="#">FL11206_R8_C_CAC_411-H-1043.60.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/18/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.15	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (72" x 72")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +35/-35 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.37.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/17/2017 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes
11206.16	Series 10/20 Single Hung	Vinyl Fixed With Single Hung Flankers (108" x 72")
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> No <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> No <b>Design Pressure:</b> +30/-30 <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_CCL for Pella 411-H-950-02.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 10/03/2015 <b>Installation Instructions</b> <a href="#">FL11206_R8_II_Drawing_1572.pdf</a> Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11206_R8_AE_Drawing_1572.pdf</a> Created by Independent Third Party: Yes

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**Product Approval Accepts:**



**GENERAL NOTES:**

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. FIN ANCHORS, BACKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS.
3. THESE NON-IMPACT RATED WINDOW SYSTEM INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
4. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE BUCKS OR WOOD FRAMING.
5. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
6. TO THE BEST OF OUR KNOWLEDGE, THE WINDOWS SHOWN HEREIN ARE CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QUALITY ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA BUILDING COMMISSION SPECIFICATIONS. WINDOW ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
7. CERTIFICATION OF THESE WINDOW INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: (1) THEY ARE INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. (2) IF THEY ARE INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH WINDOW INSTALLATIONS. (3) IF CHANGES HAVE OCCURRED TO THE PRODUCTS OR CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH THE DRAWING SPECIFICATIONS.
8. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED WINDOW.
9. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOWS IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

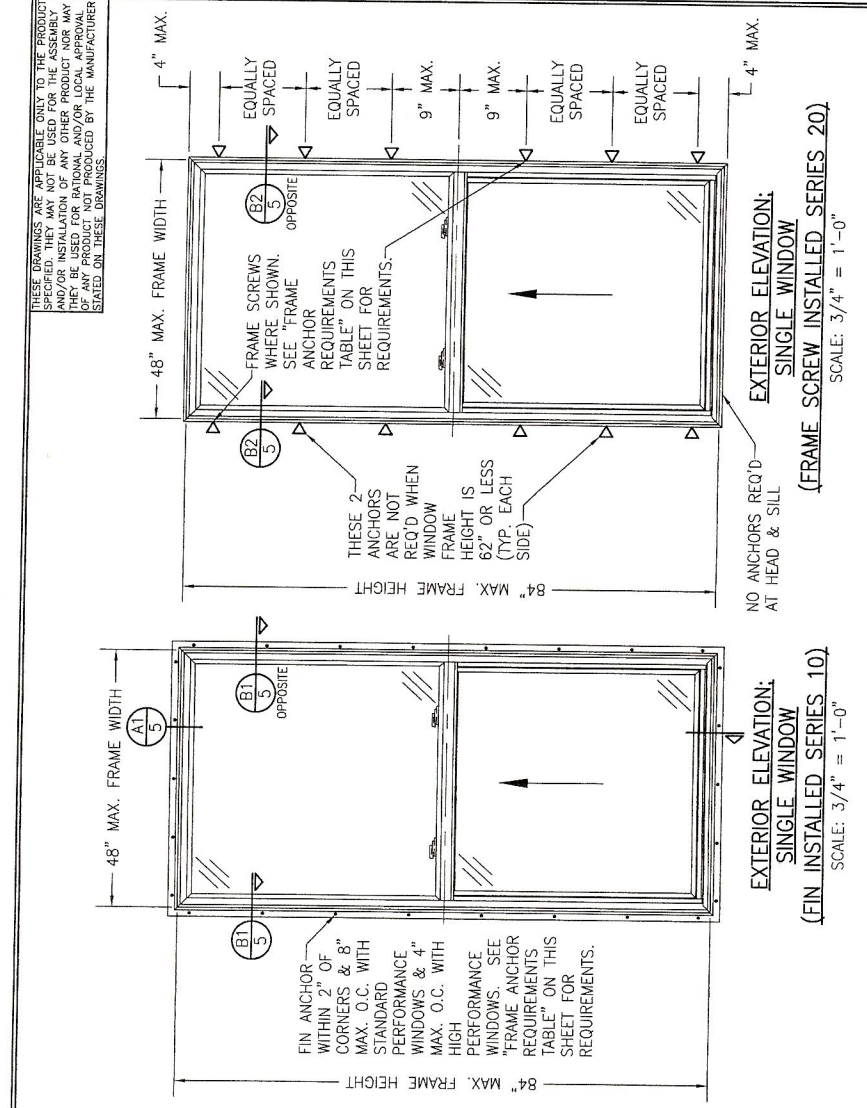
**ALTERNATE ANCHOR/SUBSTRATE EVALUATION NOTE:**  
 ALL ALTERNATE ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(S) AND ARE FOUND TO BE EQUIVALENT TO OR STRONGER THAN THE ANCHOR(S) USED IN TESTING WITH THIS PRODUCT.

INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION IN EFFECT AT THE TIME OF THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. THE EVENT CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING OF THE REFERENCED PRODUCT, PRIOR TO STARTING CODE COMPLIANCE WITH THE STATE, THE REFERENCED PRODUCT SHALL CONFIRM WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HERE-IN ARE CURRENT WITH THE THEN CURRENT TESTING, CODE AND APPLICABLE STANDARDS.

**FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
<b>(1) FRAME SCREWS (SERIES 20)</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 1.8 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU/2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
<b>(1) INSTALLATION CLIP SCREWS (SERIES 20)</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 1.8 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU/2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
<b>NAILING FIN FASTENERS (SERIES 10)</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(3) NO. 8 x 1 1/2" SMS	1 3/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(4) 2" x 11 GA. ROOFING NAIL	1 7/8"	1/2"
MIN. 1/8" THK A36 STEEL	(5) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	(5) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	(6) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	(6) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

(1) FRAME SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW  
 (2) CONCRETE SCREWS SHALL BE ECOL ULTRACONS, ECOL ORTE-FLEX, I/W RAMSET/RED HEAD TACONS OR USED IN CONCRETE WITH AN ECOL W/ WAFLE HEAD SCREW  
 (3) WHEN SCREWS ARE USED IN CONCRETE, THEY MUST BE A WAFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD  
 (4) ROOFING NAILS ARE ONLY APPLICABLE WITH STANDARD PERFORMANCE WINDOWS (N/A WITH HIGH PERFORMANCE WINDOWS)



**ALLOWABLE DESIGN PRESSURE (SINGLE WINDOW)**

WINDOW SIZE	STILLE REINFORCEMENT	FIXED SASH MEETING RAIL REINFORCEMENT	ACTIVE SASH MEETING RAIL REINFORCEMENT	ALLOWABLE PRESSURE (POSITIVE & NEGATIVE) (PSF)
(1) 36	NO	NO	YES	35
(2) 36	YES	NO	YES	35
(3) 42	YES	YES	YES	50
(4) 48	NO	NO	YES	35
(5) 48	YES	YES	YES	35
(6) 48	YES	YES	YES	35

(1) WINDOW HAS A MAXIMUM 35" TALL BOTTOM VENT.  
 (2) WINDOW HAS EQUAL TOP & BOTTOM VENTS.  
 PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE WINDOWS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL WINDOW'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT MANUFACTURED BY PELLA CORPORATION. THEY MAY NOT BE USED FOR THE ASSEMBLY OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR BACKLOGS OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

NO. REVISION DESCRIPTION BY DATE

A1	UPDATE PER NEW TESTING	W.R.M.	06/11/08
C1	UPDATE PER NEW TESTING	W.R.M.	08/05/10
D1	UPDATE PER NEW TESTING	W.R.M.	11/02/11

DATE: 07/20/08

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

PELLA CORPORATION  
 2000 PROLINE PLACE  
 GETTYSBURG, PA 17325  
 717-334-0099

MANUFACTURER

CONSULTANTS

SERIES 10/20 VINYL SINGLE HUNG WINDOW

DRAWING TITLE

CERTIFICATION

WARREN W. SCHAEFER, P.E.  
 P.E. NO. 44135  
 NOV 02 2011

FLORIDA PROFESSIONAL ENGINEER  
 LICENSE NO. 44135  
 WARREN W. SCHAEFER

DRAWING NO. 1572  
 REV. D  
 SHEET NO. 1 OF 5



NO.	REVISION DESCRIPTION	BY	DATE

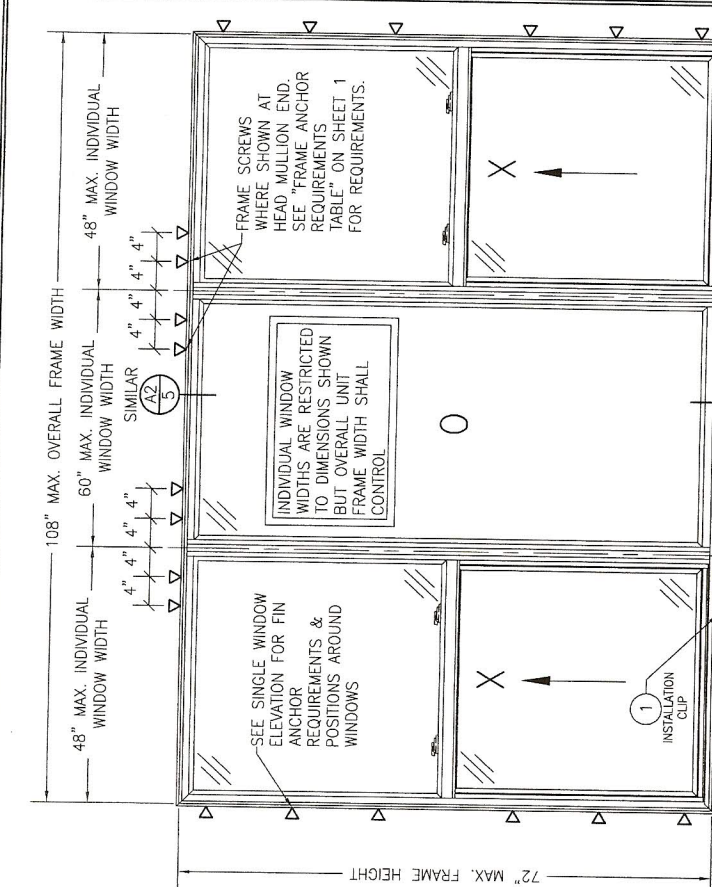
DRAWN BY: W.E.B.  
 CHECKED BY: M.A.S.  
 DATE: 01/01/08  
 PLOT: 1:16

SERIES 10/20 VINYL SINGLE HUNG WINDOW  
 MANUFACTURER  
 PELLA CORPORATION  
 2000 PROLINE PLACE  
 CETTYSBURG, PA 17325  
 717-334-0099

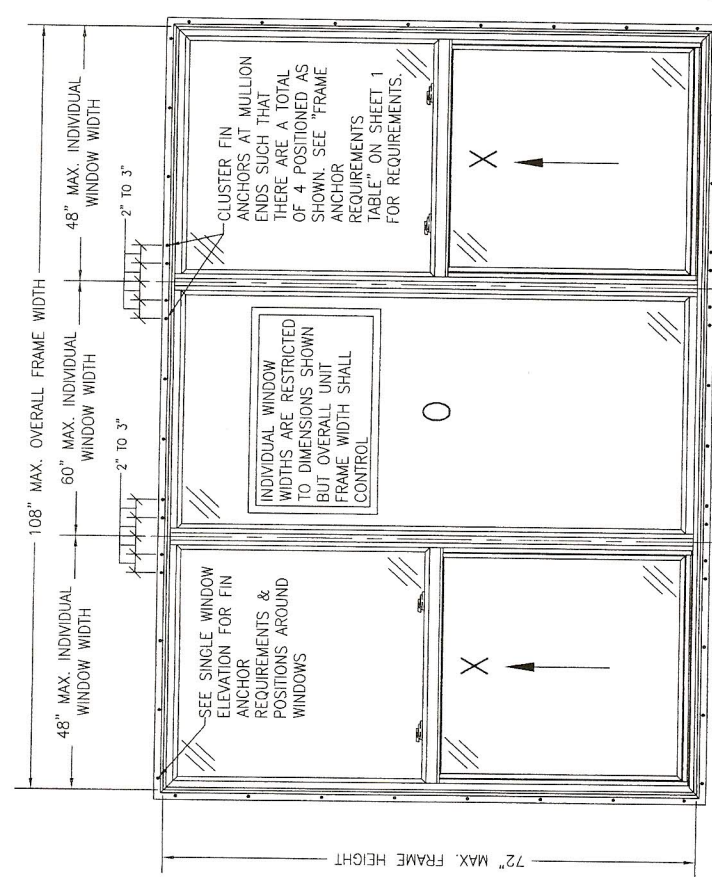
CONSULTANTS  
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 & CONSULTING, P.A. (CA 6809)  
 7468 150TH COURT NORTH  
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CERTIFICATION  
 NOV 02 2011  
 WARREN W. SCHAEFER, P.E.  
 P.E. NO. 44135

DRAWING NO. 1572  
 REV. D  
 SHEET NO. 3  
 OF 5

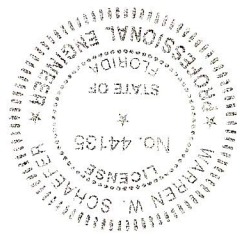


EXTERIOR ELEVATION:  
 MULTIPLE OPERABLE/FIXED WINDOWS  
 (FIN INSTALLED SERIES 10)  
 SCALE: 3/4" = 1'-0"



EXTERIOR ELEVATION:  
 MULTIPLE OPERABLE/FIXED WINDOWS  
 (FRAME SCREW INSTALLED SERIES 20)  
 SCALE: 3/4" = 1'-0"

ALLOWABLE DESIGN PRESSURE (XOX WINDOWS) +/- 30 PSF
PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE WINDOWS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL WINDOW'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.



NOTE:  
 1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.  
 2. TRIPLE WINDOW SHOWN. DOUBLE WINDOW ALSO APPLIES & IS RESTRICTED TO A MAXIMUM OVERALL FRAME WIDTH OF 96".

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING BY: W.R.H.  
 PLOT: 1:16  
 DATE: 07/20/08  
 CHECKED BY: W.A.S.  
 DATE: 07/20/08

CONSULTANTS  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 8609)**  
 7489 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

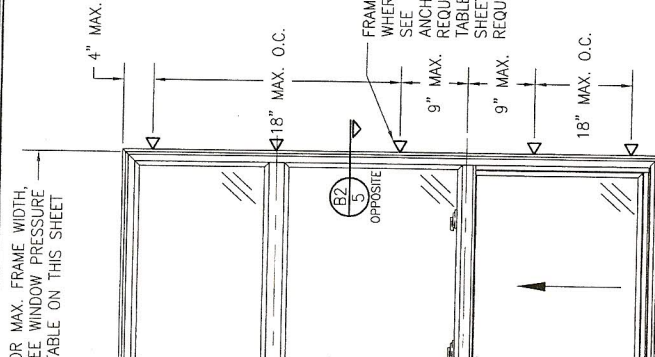
MANUFACTURER  
**PELLA CORPORATION**  
 2000 PROLINE PLACE  
 GETTYSBURG, PA 17325  
 717-334-0099

DRAWING TITLE  
**SERIES 10/20 VINYL SINGLE HUNG WINDOW**

DRAWING NO. 1572  
 REV. D  
 SHEET NO. 4 OF 5



EXTERIOR ELEVATION:  
 SINGLE WINDOW WITH TRANSOM  
 (FIN ANCHOR INSTALLED SERIES 10)  
 SCALE: 3/4" = 1'-0"



EXTERIOR ELEVATION:  
 SINGLE WINDOW WITH TRANSOM  
 (FRAME SCREW INSTALLED SERIES 20)  
 SCALE: 3/4" = 1'-0"

ALLOWABLE DESIGN PRESSURE		ALLOWABLE PRESSURE
(WINDOW WITH TRANSOM)		(POSITIVE & NEGATIVE) (PSF)
MAX. FRAME WIDTH (IN.)	30	76
MAX. FRAME HEIGHT (IN.)	46	76
MAX. FRAME WIDTH (IN.)	46	30
MAX. FRAME HEIGHT (IN.)	30	76

NO ANCHORS REQ'D AT HEAD & SILL  
 FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

FIN ANCHOR WITHIN 2" OF CORNERS & 8" MAX. O.C. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

FOR MAX. FRAME WIDTH, SEE WINDOW PRESSURE TABLE ON THIS SHEET

