



# 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:** BUILDING: Remove & replace 10 size for size windows

**Comments:** None

**Project Information**  
 Address: 1620 Overlook Rd, Belle Isle, FL 32809  
 Parcel ID: 25-23-29-5884-11-041  
 Property Owner: Baldassari, Gary  
 Phone Number: 407 257 0832  
 \*\*\*\*\*  
 Company Name: Lowe's Home Centers Inc.  
 Contractor Name: Cafaro, Peter  
 License Number: CGC1508417  
 Address: PO Box 781993, Orlando, FL 32878-1993  
 Phone Number: 407-832 8085

**Permit Number: 2015-04-040**  
**Date of Application: 04/17/2015**  
**Date Permit Issued: 04/22/2015**

**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	\$
Traffic	\$
ZONING FEES	
Zoning Fee	\$
UNIVERSAL ENG - BUILDING FEES	
Cert of Occ	\$
Demo	\$
Building	\$
Fence	\$
Driveway	\$
Shed	\$
Window(s)	\$67.50
Door(s)	\$
PrePower	\$
Electrical	\$
Temp Pole	\$
Plumbing	\$
Mechanical	\$
Gas	\$
Roofing	\$
Boat Dock	\$
Screen Encl	\$
Swimming Pool	\$
Sign	\$

SURCHARGE FEES	
Surcharge Fee	\$2.00
Surcharge Fee	\$2.00

**TOTAL FEES \$71.50**

**Date Paid** 4-23-15  
**CC or Check #** UISA 9767  
**Amount Paid** 71.50

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 [IDScheduling@UniversalEngineering.com](mailto:IDScheduling@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**  
4-17-15

## Building Permit (Land Use) Application

DATE: 4/16/15

PERMIT # 205-04-040

PROJECT ADDRESS 1620 Overlook Rd Belle Isle, FL 32809 32812

PROPERTY OWNER Baldassari, Gary PHONE 407 257 0832 VALUE OF WORK (labor & material) \$ 5557.00

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

**REMOVE & REPLACE SIZE for SIZE 10 WINDOWS**

*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: 25-23-29-5884-11-041

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

**SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCR OACH 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 \_\_\_\_\_

**PLEASE COMPLETE for Building Review**

CONSTRUCTION TYPE REMOVE & REPLACE SIZE for SIZE 10 WINDOWS  
 OCCUPANCY GROUP R-1-A Comm Res: XX Single Fam  Multi Fam   
 #BLDG \_\_\_\_\_ #UNITS \_\_\_\_\_ #STORIES \_\_\_\_\_ TOTAL SQ.FT. \_\_\_\_\_  
 MAX. FLOOR LOAD \_\_\_\_\_ MAX OCCUPANCY \_\_\_\_\_  
 MIN. FLOOD ELEV. \_\_\_\_\_ LOW FLOOR ELEV. \_\_\_\_\_  
 WATER SERVICE  WELL  SEPTIC

REVIEW	Date: Sent	RCD	
SPRINKLERS REQ'D			Y <input type="checkbox"/> N <input type="checkbox"/>
If Required - SUBMIT COPY OF PLANS FOR FIRE			
ZONING	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
CERT OF OCC	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
TRAFFIC	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
SCHOOL	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
FIRE	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
SWIMMING POOL	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
SCREEN ENCLOSURE	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
ROOFING	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
BOAT DOCK	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
BUILDING	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
WINDOW(S)	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	\$ <u>67.50</u>
DOOR(S)	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
FENCE	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
SHED	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
DRIVEWAY	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____
OTHER	Y <input type="checkbox"/>	N <input type="checkbox"/>	\$ _____

BUILDING REVIEWER ca DATE 4-20-15  
 VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE SW DATE 4-17-15

Per FSS 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."

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.

Page 1 of 2

3% FL SURCHARGE			<u>4.00</u>
TOTAL			<u>71.50</u>
By Owner Form	Y <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Notice of Commencement	Y <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Power of Attorney	Y <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Contractor Packet included?	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>	
<b>OTHER PERMITS REQUIRED:</b>			
ELECTRICAL	Y <input type="checkbox"/>	NA <input type="checkbox"/>	
PREPOWER	Y <input type="checkbox"/>	NA <input type="checkbox"/>	
MECHANICAL	Y <input type="checkbox"/>	NA <input type="checkbox"/>	
PLUMBING	Y <input type="checkbox"/>	NA <input type="checkbox"/>	
ROOFING	Y <input type="checkbox"/>	NA <input type="checkbox"/>	
GAS	Y <input type="checkbox"/>	NA <input type="checkbox"/>	



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**Building Permit (Land Use) Application**  
 To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 205-04-040

Owner's Name Baldassari Gary  
 Owner's Address 1620 Overlook Rd Orlando, FL 32809

Contractor Name	PETER A CAFARO	Company Name	Lowe's Home Centers, LLC
License #	CGC1508417	Company Address	PO Box 781993
Contact Phone/Cell	407 832 8085	City, State, ZIP	Orlando, FL 32878-1993
Contact Email	Pete.A.Cafaro@Lowe.com	Contact Fax	407 296-2960

**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.

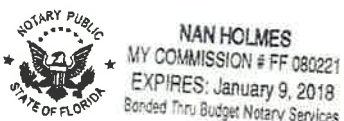
I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations ([www.floridabuilding.org](http://www.floridabuilding.org)) and City Ordinances ([www.municode.com](http://www.municode.com)) regulating same and in accordance 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 [Signature]  
 The foregoing instrument was acknowledged before me this 4/7/15  
 by Gary Baldassari who is personally known to me  
 and who produced drivers license  
 as identification and who did not take an oath.  
 Notary as to Owner  
 State of Florida  
 County of Orange



Contractor Signature [Signature]  
 COMPANY NAME Lowe's Home Centers, LLC  
 The foregoing instrument was acknowledged before me this 4/7/15  
 by Peter A Cafaro who is personally known to me  
 and who produced personally known  
 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

THIS INSTRUMENT PREPARED BY:  
Name: LOWE'S HOME CENTERS LLC # 1598  
Address: PO BOX 781993  
ORLANDO FL 32878-1993

DOCH 20150195852 B: 10906 P: 8206  
04/21/2015 10:57:26 AM Page 1 of 1  
Rec Fee: \$10.00  
Martha O. Haynie, Comptroller  
Orange County, FL  
MB - Ret To: LOWES HOME CENTERS INC

# NOTICE OF COMMENCEMENT



Permit Number: \_\_\_\_\_  
Parcel ID Number: 25-23-29-5884-11-041

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. DESCRIPTION OF PROPERTY: (Legal description of the property and street address if available)  
NELA ISLE M155 Lot 4 (Less Ely 6.5 ft) & Lot 5 (Less Wly 21') BLK K

2. GENERAL DESCRIPTION OF IMPROVEMENT:  
REMOVE & REPLACE Windows

3. OWNER INFORMATION OR LESSEE INFORMATION IF THE LESSEE CONTRACTED FOR THE IMPROVEMENT:  
Name and address: GARY BALDASSARI 1620 Overlook Rd Orlando FL 32809  
Interest in property: owner  
Fee Simple Title Holder (if other than owner listed above) Name: \_\_\_\_\_  
Address: \_\_\_\_\_

4. CONTRACTOR: Name: LOWE'S HOME CENTERS, LLC Phone Number: 407 393-9161  
Address: PO BOX 781993 ORLANDO FL 32878-1993

5. SURETY (if applicable, a copy of the payment bond is attached): Name: n/a  
Address: \_\_\_\_\_ Amount of Bond: \_\_\_\_\_

6. LENDER: Name: n/a Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_

7. Persons within the State of Florida Designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.  
Name: Peter A Cafaro Phone Number: 407 393-9161  
Address: PO BOX 781993 Orlando, FL 32878-1993

8. In addition, Owner designates \_\_\_\_\_ of \_\_\_\_\_  
to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes. Phone number: \_\_\_\_\_

9. Expiration Date of Notice of Commencement (The expiration is 1 year from date of recording unless a different date is specified) \_\_\_\_\_

**WARNING TO OWNER:** ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, 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 WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

*Belle Isle*

[Signature] GARY BALDASSARI  
(Signatures of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager) (Print Name and Provide Signatory's Title/Office)

State of FL County of Orange  
The foregoing instrument was acknowledged before me this 7th day of April, 2015  
by Gary Baldassari Who is personally known to me  OR  
Name of person making statement  
who has produced identification  type of identification produced: \_\_\_\_\_



[Signature]  
State of FLORIDA, County of ORANGE  
I hereby certify that this is a true copy of  
the document as recorded in the Official Records.  
MARTHA O. HAYNIE, COUNTY COMPTROLLER  
By: C. Sampson  
Deputy Comptroller  
Date: 4-21-15





## City of Belle Isle

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 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

### Product Approval Form

DATE: 4/16/15

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

PROJECT ADDRESS 1620 Overlook Rd, Belle Isle, FL 32809 32812

As required by Florida Statute 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 #
EXTERIOR DOORS				WALL PANELS			
Swinging				Siding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbl Hung	PELLA	10/20	FL11206-R8	Asphalt Shingles			
Horizontal Sider	ATRIUM	130	FL11828-R	Non Struct Metal			
FIXED	PELLA	10/20	FL6694-R9	Roofing Tiles			
				Single Ply Roof			
Mullion				Other			
Skylights							
Other							
STRUCTURAL COMPONENTS				OTHER			
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 *Nan Holmes*

Date 9/15/14

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**



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**Product Approval**  
USER: Public User

License efficiently. Regulate fairly.

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

OFFICE OF THE SECRETARY

FL # FL11206-R8 ✓  
 Application Type Revision ✓  
 Code Version 2010  
 Application Status Approved  
 \*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments  
 Archived

Product Manufacturer Pella Corporation  
 Address/Phone/Email 102 Main St.  
 Pella, IA 50219  
 (641) 621-6096  
 pellaapproval@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  
 Validation Checklist - Hardcopy Received

Referenced Standard and Year (of Standard)	<u>Standard</u>	<u>Year</u>
	AAMA 101/I.S.2-97	1997
	AAMA/WDMA/CSA 101/I.S.2/A440-08	2008

Equivalence of Product Standards  
 Certified By

Product Approval Method	Method 1 Option A
Date Submitted	09/27/2013
Date Validated	10/09/2013
Date Pending FBC Approval	
Date Approved	10/16/2013
Date Revised	01/20/2015

Summary of Products		
FL #	Model, Number or Name	Description
11206.1	Series 10/20 High Performance Single Hung	Vinyl High Performance Single Hung Window (42" x 72")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1046.00.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
11206.2	Series 10/20 High Performance Single Hung	Vinyl High Performance Single Hung Twin Composite (72" x 65-1/2")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.40.pdf</a> <a href="#">FL11206_R8_C_CAC_411-H-1043.46.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
11206.3	Series 10/20 Single Hung	Vinyl Single Hung Triple Composite (108" x 72")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.31.pdf</a> <a href="#">FL11206_R8_C_CAC_411-H-1043.63.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 03/31/2018 <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
11206.4	Series 10/20 Single Hung	Vinyl Single Hung Triple Composite (108" x 53.5")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.55.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
11206.5	Series 10/20 Single Hung	Vinyl Fixed Over Single Hung Composite (30" x 76")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No		<b>Certification Agency Certificate</b> <a href="#">FL11206_R8_C_CAC_411-H-1043.34.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/10/2017

<p><b>Design Pressure:</b> +35/-35  <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.</p>		<p><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</p>
11206.6	Series 10/20 Single Hung	Vinyl Fixed Over Single Hung Composite (46" x 76")
<p><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.</p>		<p><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</p>
11206.7	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 72")
<p><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.</p>		<p><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</p>
11206.8	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 59-1/2")
<p><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.</p>		<p><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</p>
11206.9	Series 10/20 Single Hung	Vinyl Single Hung Window (36" x 59-1/2")
<p><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.</p>		<p><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</p>
11206.10	Series 10/20 Single Hung	Vinyl Single Hung Window (48" x 84")
<p><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.</p>		<p><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</p>
11206.11	Series 10/20 Single Hung	Vinyl Single Hung Window (36" x 72")
<p><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</p>		<p><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</p>



<p><b>Design Pressure:</b> +35/-35  <b>Other:</b> Configurations of glass shall conform to the current ASTM E1300 standard.</p>		<p><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</p>
11206.12	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (72" x 53.5")
<p><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.</p>		<p><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</p>
11206.13	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (96" x 53.5")
<p><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.</p>		<p><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</p>
11206.14	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (96" x 72")
<p><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.</p>		<p><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</p>
11206.15	Series 10/20 Single Hung	Vinyl Single Hung Twin Composite (72" x 72")
<p><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.</p>		<p><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</p>
11206.16	Series 10/20 Single Hung	Vinyl Fixed With Single Hung Flankers (108" x 72")
<p><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.</p>		<p><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</p>

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**FL #** FL11828-R8  
**Application Type** Revision ✓  
**Code Version** 2010  
**Application Status** Approved  
 \*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

**Comments**  
 Archived

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**Category** Windows  
**Subcategory** Horizontal Slider

**Compliance Method** Certification Mark or Listing

**Certification Agency Validated By** American Architectural Manufacturers Association  
 American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)	Standard	Year
	AAMA 450	2010
	AAMA/WDMA/CSA 101/I.S.2/A440	2005
	AAMA/WDMA/CSA 101/I.S.2/A440	2008
	ASTM E1300	2004
	ASTM E1886	2005
	ASTM E1996	2006

Equivalence of Product Standards  
 Certified By

Product Approval Method Method 1 Option A

Date Submitted 07/10/2014

Date Validated 07/18/2014

Date Pending FBC Approval

Date Approved 07/21/2014

**Summary of Products**

FL #	Model, Number or Name	Description
11828.1	120 Horizontal Slider	HS-LC40 72 x 60, XO; HS-LC50 72 x 48, XO; HS-R30 108 x 72 XOX;
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-01_120_HS_XO_HS-LC40_72x60_AAMA_APC_C6703.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-01_120_HS_XO_HS-LC50_72x48_AAMA_APC_C6703.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-01_120_HS_XOX_R30_108x72_AAMA_101_C6700.01-801-47.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 03/27/2017 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-01_120_HS_Installation_Instructions.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11828.2	130 Horizontal Slider, XO and XOX, Fin and Flange	LC-PG40-1880x1600 (74x63)-HS XO, LC-PG50*-1880x1270 (74x50)-HS XO, LC-PG30-2743x1600 (108x63)-HS XOX, LC-PG50*-2743x1270 (108x50)-HS
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XO_HS-LC40_74x63_Fin_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XO_HS-LC40_74x63_Finless_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XO_HS-LC50_74x50_Fin_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XO_HS-LC50_74x50_Finless_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XOX_HS-LC30_108x63_Fin_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XOX_HS-LC30_108x63_Finless_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XOX_HS-LC50_108x50_Fin_AAMA_APC_D5172.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-00_130_HS_XOX_HS-LC50_108x50_Finless_AAMA_APC_D5172.01-801-47.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 02/13/2018 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-00_130_HS_Installation_FBC2010_ATR067_SS.pdf</a> Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL11828_R8_AE_ADW-00_130_HS_PER_FBC2010_PER2732_SS.pdf</a> Created by Independent Third Party: Yes
11828.3	150/160 Horizontal Slider	HS-R25 108 x 60 XOX, HS-R30 72 x 48 XO
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-08_150_160_HS_XO_R30_72x48_AAMA_APC_B6832.01-801-47-R0.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-08_150_160_HS_XOX_R25</a>

<p><b>Design Pressure:</b> N/A  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).</p>		<p><a href="#">108x60 AAMA APC B6832.01-801-47-R0.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  02/21/2016  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 150 160 HS Installation Instructions.pdf</a>                  Verified By: American Architectural Manufacturers Association                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>11828.4</p>	<p>200 Horizontal Slider</p>	<p>R-PG30-1829x1219 (72x48)-HS (XO), R-PG30-2438x1219 (96x48)-HS (XOX)</p>
<p><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> All frame and sash components are fabricated from extruded vinyl (PVC).</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-08 200 HS XO HS-R30 72x48 AAMA APC D3852.01-801-47.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-08 200 HS XOX HS-R30 96x48 AAMA APC D3852.01-801-47.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  12/19/2017  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 200 HS Installation- Fin.pdf</a>                  Verified By: American Architectural Manufacturers Association                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>11828.5</p>	<p>300/375 Aluminum Horizontal Slider</p>	<p>R-PG15-1829x1829 (72x72)-HS XO, R-PG40-1829x1219 (72x48)-HS XO</p>
<p><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> N/A  <b>Other:</b> All frame components are fabricated from 6063-T5 extruded aluminum.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-01 300 375 HS R15 72x72 AAMA APC C3401.01-801-47.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-01 300 375 HS R40 72x48 AAMA APC C3401.01-801-47.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  07/11/2017  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-01 300 375 HS Installation.pdf</a>                  Verified By: American Architectural Manufacturers Association                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>11828.6</p>	<p>35/235 Impact Horizontal Slider, XO &amp; XOX, Fin and Flange</p>	<p>LC-PG55-1854x1600 (73x63)-HS XO, LC-PG55*-3200x1254 (126x50)-HS XOX</p>
<p><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> Yes  <b>Design Pressure:</b> +55/-55  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC). For installation into alternate substrates (masonry, steel, etc.) please contact the manufacturer directly.</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-00 35 235 HS XO HS-LC55 73x63 Impact AAMA APC D6250.01-801-18.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 35 235 HS XOX HS-LC55 126x50 Impact AAMA APC D6249.01-801-18.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  04/02/2018  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-00 35 235 Impact HS Installation.pdf</a>                  Verified By: American Architectural Manufacturers Association                  Created by Independent Third Party:  <b>Evaluation Reports</b>                  Created by Independent Third Party:</p>
<p>11828.7</p>	<p>451/461 Horizontal Slider</p>	<p>HS-R25 70 x 49 XX, HS-R25 96 x 48 XOX</p>
<p><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> +25/-25  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).</p>		<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-08 451 461 HS XOX HS-R25 96x48 AAMA APC D4153.01-801-47-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-08 451 461 HS XX HS-R25 72x48 AAMA APC D4153.01-801-47-R0.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                  12/10/2017  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 451 461 HS Fin Installation.pdf</a>                  Verified By: American Architectural Manufacturers Association                  Created by Independent Third Party:  <b>Evaluation Reports</b></p>

		Created by Independent Third Party:
11828.8	500 Horizontal Slider	R-PG30-1829x1219 (72x48)-HS XX, R-PG40-2438x1219 (96x48)-HS XOX
<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> N/A <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-08_500_HS_XOX_HS-R40_96x48_AAMA_APC_D3845.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-08_500_HS_XX_HS-R30_72x48_AAMA_APC_D3845.01-801-47.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 12/13/2017 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-08_500_HS_Installation-Fin.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11828.9	5700/8050/105 Horizontal Slider	HS-R20 96 x 60, HS-R20 72 x 72, HS-R25 72 x 48
<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> N/A <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-01_5700_8050_105_HS_XO_HS-R20_72x72_AAMA_101_A9926.01-801-47-r0.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-01_5700_8050_105_HS_XO_HS-R25_72x48_AAMA_101_A9926.01-801-47-r0.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-01_5700_8050_105_HS_XOX_HS-R20_96x60_AAMA_101_A9926.01-801-47-r0.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 05/06/2015 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-01_5700_HS_Fin_Installation.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11828.10	65/265 Impact Horizontal Slider, XX	R-PG50-1829x1219 (72x48)-HS (XX)
<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> Yes <b>Design Pressure:</b> +50/-50 <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW_65_265_HS_XX_Fin_HS-R50_72x48_Impact_AAMA_APC_D2519.01-801-44.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW_65_265_HS_XX_Finless_HS-R50_72x48_Impact_AAMA_APC_D2519.01-801-44.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 05/03/2016 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-00_65_265_HS_Installation.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11828.11	7000 Acoustical Horizontal Slider	HS-DW-LC30 72 x 60 XO, HS-DW-LC30 96 x 60 XOX
<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> N/A <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-07_7000_HS_XO_HS-DW-LC30_72x60_AAMA_APC_B5428.01-801-47.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-07_7000_HS_XOX_HS-DW-LC30_96x60_AAMA_APC_B9156.01-801-47.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 12/07/2015 <b>Installation Instructions</b> <a href="#">FL11828_R8_II_ADW-07_7000_HS_Installation-FIN.pdf</a> Verified By: American Architectural Manufacturers Association Created by Independent Third Party: <b>Evaluation Reports</b> Created by Independent Third Party:
11828.12	8100/1100/3100/10/1000 VPT Horizontal Slider	HS-R30 72 x 48 XO, HS-R20 108 x 48 XOX
<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> N/A <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).		<b>Certification Agency Certificate</b> <a href="#">FL11828_R8_C_CAC_ADW-08_8100_HS_XO_HS-R30_72x48_AAMA_APC_A4445.01-801-47-r1.pdf</a> <a href="#">FL11828_R8_C_CAC_ADW-08_8100_HS_XOX_HS-R20_108x48_AAMA_APC_A4445.01-801-47-r1.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 10/06/2014

		<p><b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 8100 HS Installation Instructions 040312.pdf</a>                      Verified By: American Architectural Manufacturers Association                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
11828.13	8300/8301/121/131 Horizontal Slider	HS-R40 78 x 48 XO, HS-R30 96 x 48 XO
	<p><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> N/A  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-08 8301 XO HS-R40 78x48 AAMA APC B3274.01-801-47-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-08 8301 XO HS-R30 96x48 AAMA APC B3274.01-801-47-R0.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      09/30/2015  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 8301 HS Installation ATR032-2010.pdf</a>                      Verified By: Alexis Spyrou 68101                      Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL11828 R8 AE ADW-08 8301 HS Installation PER 17192010.pdf</a>                      Created by Independent Third Party: Yes</p>
11828.14	8300/8500/8700 XX Horizontal Slider	HS-R30 72 x 48, XX
	<p><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> All frame and sash components are fabricated from extruded vinyl (PVC).</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-08 8300 HS XX R30 72x48 AAMA APC B6836.01-801-47-R0.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      02/22/2016  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-08 8300 8500 8700 HS XX Installation Instructions.pdf</a>                      Verified By: American Architectural Manufacturers Association                      Created by Independent Third Party:  <b>Evaluation Reports</b>                      Created by Independent Third Party:</p>
11828.15	8900/90/8000/1800/3900 Horizontal Slider	HS-R35 78x48 XX, HS-R50 72x48 XX, HS-R50 96x48 XO, HS-R50 72x90 O/XX Muller
	<p><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> N/A  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-00 8900 HS O-XX HS-R50 72x90 AAMA APC B8808.01-801-47-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 8900 HS XO HS-R50 96x48 AAMA APC B8807.01-801-47-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 8900 HS XX HS-R35 78x48 AAMA APC B8807.01-801-47-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 8900 HS XX HS-R50 72x48 AAMA APC B8807.01-801-47-R0.pdf</a>  <b>Quality Assurance Contract Expiration Date</b>                      05/02/2016  <b>Installation Instructions</b>  <a href="#">FL11828 R8 II ADW-00 8900 HS Installation FBC 2010 ATR055 SS.pdf</a>                      Verified By: Hermes F. Norero 73778                      Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL11828 R8 AE ADW-00 8900 HS PER FBC 2010 PER2071 SS.pdf</a>                      Created by Independent Third Party: Yes</p>
11828.16	9000 Horizontal Slider, XO, XO, O/XO, XO/O, O/XOX	HS-LC25 96 x 72 XO, HS-LC30 96 x 60 XO, HS-LC25 72 x 72 XO, HS-LC45 72 x 48 XO, HS-LC50 72 x 48 XO HP, HS-LC30 72 x 90 O/XO, HS-LC35 72 x 96 XO/O, HS-LC30 96 x 84 O/XOX, HS-LC35 96 x 84 O/XOX HP
	<p><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> N/A  <b>Other:</b> All frame and sash components are fabricated from extruded vinyl (PVC).</p>	<p><b>Certification Agency Certificate</b>  <a href="#">FL11828 R8 C CAC ADW-00 9000 HS CHS O-XO HS-LC30 72x90 C0447.01-801-47.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 9000 HS CHS O-XOX HS-LC30 96x84 AAMA APC B9662.01-901-44-R0.pdf</a>  <a href="#">FL11828 R8 C CAC ADW-00 9000 HS CHS O-XOX HS-LC35 96x84 AAMA APC B9663.01-901-44.pdf</a></p>

[FL11828\\_R8\\_C\\_CAC\\_ADW-00\\_9000\\_HS\\_CHS\\_XO-O\\_HS-LC40\\_72x96\\_AAMA\\_APC\\_C5182.01-801-47.pdf](#)  
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[FL11828\\_R8\\_C\\_CAC\\_ADW-00\\_9000\\_HS\\_XO\\_HS-LC45\\_72x48\\_AAMA\\_101\\_B9913.01-901-44-R0.pdf](#)  
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**Quality Assurance Contract Expiration Date**  
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<p>FL #</p> <p>Application Type</p> <p>Code Version</p> <p>Application Status</p> <p>Comments</p> <p>Archived</p> <p>Product Manufacturer</p> <p>Address/Phone/Email</p> <p>Authorized Signature</p> <p>Technical Representative</p> <p>Address/Phone/Email</p> <p>Quality Assurance Representative</p> <p>Address/Phone/Email</p> <p>Category</p> <p>Subcategory</p> <p>Compliance Method</p> <p>Certification Agency</p> <p>Validated By</p> <p>Referenced Standard and Year (of Standard)</p> <p>Equivalence of Product Standards</p> <p>Certified By</p>	<p>FL6694-R9</p> <p>Revision </p> <p>2010</p> <p>Approved</p> <p>*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.</p> <p></p> <p>Pella Corporation</p> <p>102 Main St.</p> <p>Pella, IA 50219</p> <p>(641) 621-6096</p> <p>pellaproductapproval@pella.com</p> <p>TROY FARR</p> <p>tbfarr@pella.com</p> <p>TROY FARR</p> <p>18600 NE WILKES ROAD</p> <p>PORTLAND, OR 97230</p> <p>(503) 405-9176</p> <p>tbfarr@pella.com</p> <p>TROY FARR</p> <p>18600 NE WILKES ROAD</p> <p>PORTLAND, OR 97230</p> <p>(503) 405-9176</p> <p>tbfarr@pella.com</p> <p>Windows</p> <p>Fixed</p> <p>Certification Mark or Listing</p> <p>Window and Door Manufacturers Association</p> <p>James L. Buckner, P.E. at CBUCK Engineering</p> <p><input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received</p> <table border="0"> <tr> <td style="text-align: left;"><b>Standard</b></td> <td style="text-align: right;"><b>Year</b></td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-08</td> <td style="text-align: right;">2008</td> </tr> </table>	<b>Standard</b>	<b>Year</b>	AAMA/WDMA/CSA 101/I.S.2/A440-08	2008
<b>Standard</b>	<b>Year</b>				
AAMA/WDMA/CSA 101/I.S.2/A440-08	2008				

Product Approval Method Method 1 Option A

Date Submitted 09/27/2013

Date Validated 10/09/2013

Date Pending FBC Approval

Date Approved 10/16/2013

Date Revised 01/20/2015

Summary of Products		
FL #	Model, Number or Name	Description
6694.1	Serie 10/20	Vinyl fixed window (90" X 76")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass conform to latest ASTM E1300 standard and shall be safety glazed where required by FBC Section 2406.		<b>Certification Agency Certificate</b> <a href="#">FL6694 R9 C CAC 411-H-1080.06.pdf</a> <a href="#">FL6694 R9 C CAC 411-H-1080.08.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 12/08/2017 <b>Installation Instructions</b> <a href="#">FL6694 R9 II 1473.pdf</a> Verified By: Warren Schaefer 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL6694 R9 AE 1473.pdf</a> Created by Independent Third Party: Yes
6694.2	Series 10/20	Vinyl fixed window (108" x 64")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass conform to latest ASTM E1300 standard and shall be safety glazed where required by FBC Section 2406.		<b>Certification Agency Certificate</b> <a href="#">FL6694 R9 C CAC 411-H-1080.05.pdf</a> <a href="#">FL6694 R9 C CAC 411-H-1080.07.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 12/08/2017 <b>Installation Instructions</b> <a href="#">FL6694 R9 II 1473.pdf</a> Verified By: Warren Schaefer 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL6694 R9 AE 1473.pdf</a> Created by Independent Third Party: Yes
6694.3	Series 10/20	Vinyl Fixed Window (60" x 60")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: Configurations of glass conform to latest ASTM E1300 standard and shall be safety glazed where required by FBC Section 2406.		<b>Certification Agency Certificate</b> <a href="#">FL6694 R9 C CAC 411-H-1080.00.pdf</a> <a href="#">FL6694 R9 C CAC 411-H-1080.04.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 11/30/2017 <b>Installation Instructions</b> <a href="#">FL6694 R9 II 1473.pdf</a> Verified By: Warren Schaefer 44135 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL6694 R9 AE 1473.pdf</a> Created by Independent Third Party: Yes

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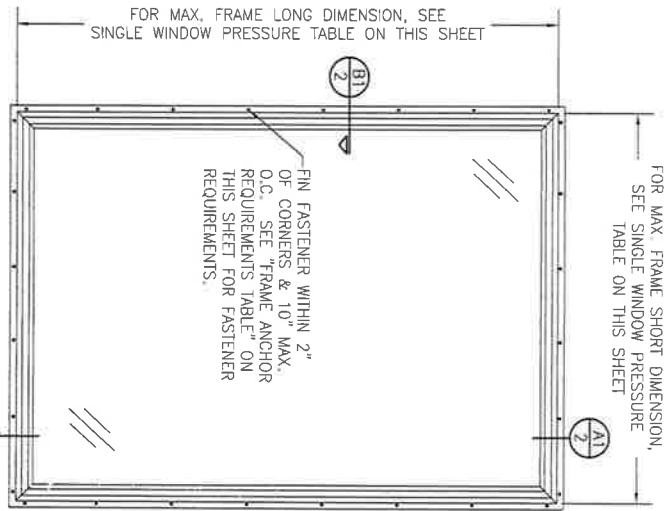
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Product Approval Accepts:

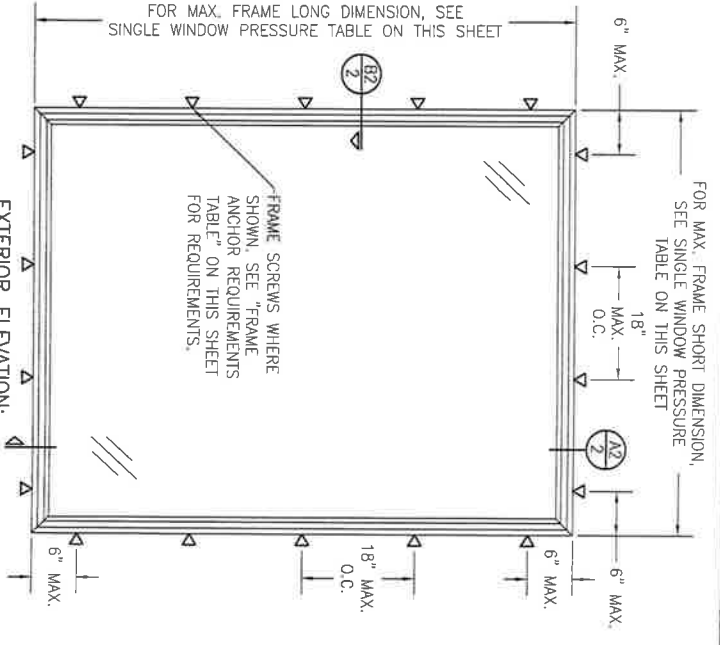


**GENERAL NOTES:**

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIC ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BRICKING & BLOCKING FASTENERS SHALL BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
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 TREATED WOOD. ALL ANCHORS SHALL BE INSTALLED WITH AN ANTI-CORROSION MECHANISM 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.
5. TO THE BEST OF OUR KNOWLEDGE, THE WINDOWS SHOWN HEREIN ARE CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/OA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE 9M-3 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.
6. CERTIFICATION OF THESE WINDOW INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLIES: (1) THEY ARE INSTALLED WITHOUT A BUILDING PERMIT OR (2) THEY ARE INSTALLED WITHOUT THE MANUFACTURER'S WRITTEN INSTRUCTIONS. (3) IF CHANGES HAVE OCCURRED TO THE PRODUCTS' WINDOW INSTALLATIONS. (4) IF CHANGES HAVE OCCURRED TO THE PRODUCTS' CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
7. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED WINDOW.
8. 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.



NOTE: LONG DIMENSION MAY BE HORIZONTAL OR VERTICAL.



**FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(3) FRAME SCREWS			
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"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(2) NAILING FIN FASTENERS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	1 1/2" GAL. ROOFING NAIL	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

**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.

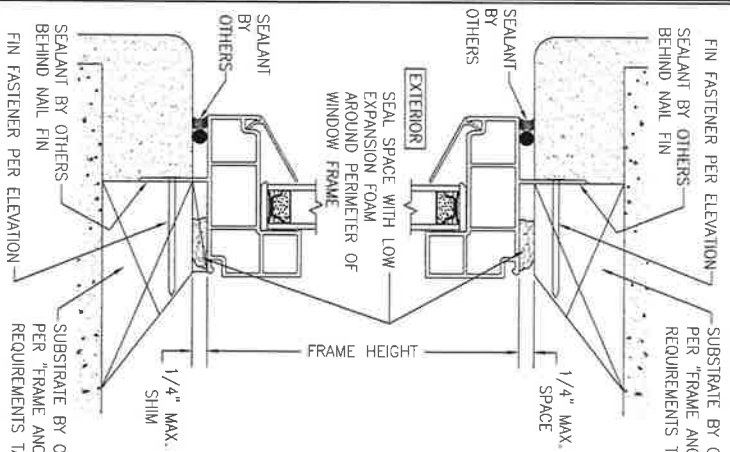
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THE REFERENCED PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONSULT WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATION SPECIFIED HEREIN IS IN COMPLIANCE WITH THE THEN CURRENT TESTING, CODE AND APPLICABLE STANDARDS.

ALLOWABLE SINGLE WINDOW PRESSURE TABLE		
MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (+/- PSF)
108	64	25
90	76	25
60	60	50

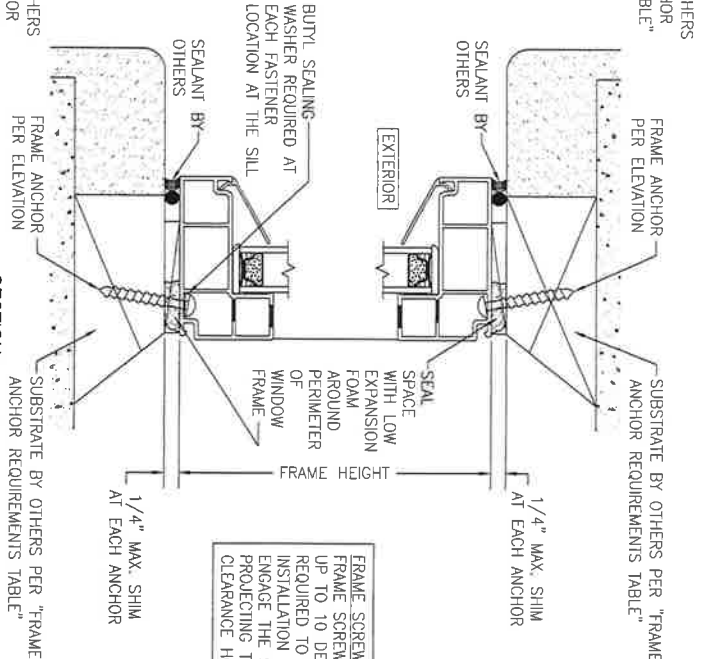


THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY OF ANY PRODUCT NOT PROVIDED BY THE MANUFACTURER LISTED ON THESE DRAWINGS.

<b>CERTIFICATION</b>  WARREN W. SCHAEFER, P.E. P.E. NO. 44135		<b>DRAWING TITLE</b> SERIES 10/20 VINYL PICTURE WINDOW		<b>CONSULTANTS</b> W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		<b>MANUFACTURER</b>  PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A1</td> <td>UPDATE FOR NEW TESTING</td> <td>W.W.S.</td> <td>08/04/10</td> </tr> <tr> <td>B1</td> <td>UPDATE TO CURRENT STANDARDS</td> <td>W.R.M.</td> <td>10/02/13</td> </tr> </tbody> </table>		NO.	REVISION DESCRIPTION	BY	DATE	A1	UPDATE FOR NEW TESTING	W.W.S.	08/04/10	B1	UPDATE TO CURRENT STANDARDS	W.R.M.	10/02/13	<table border="1"> <thead> <tr> <th>ISSUED BY</th> <th>DATE</th> <th>PREPARED BY</th> </tr> </thead> <tbody> <tr> <td>W.W.S.</td> <td>01/14/10</td> <td>W.W.S.</td> </tr> </tbody> </table>		ISSUED BY	DATE	PREPARED BY	W.W.S.	01/14/10	W.W.S.
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W.W.S.	01/14/10	W.W.S.																											
DRAWING NO. 1473 SHEET NO. 1 OF 2																													

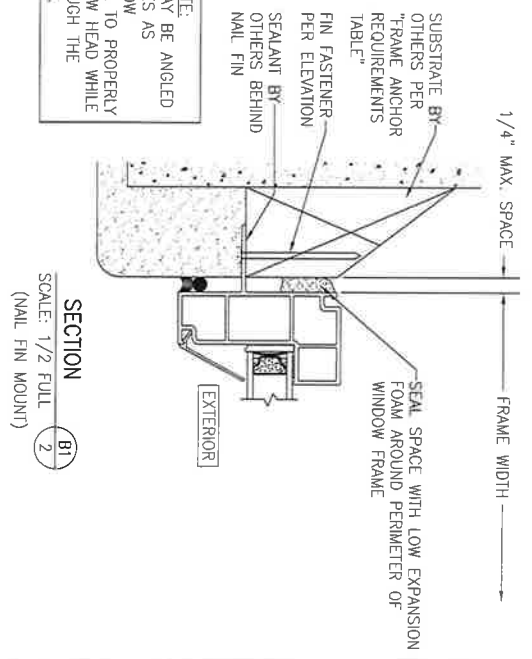


**SECTION A1**  
SCALE: 1/2 FULL  
(NAIL FIN MOUNT)

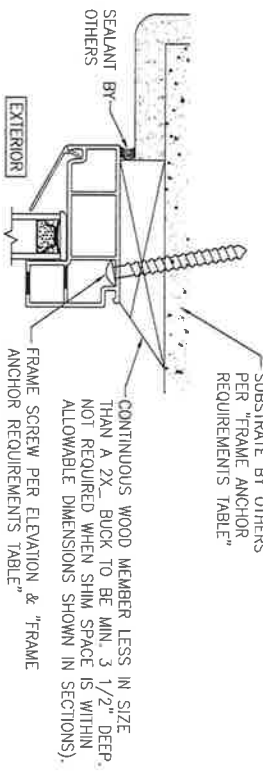


**SECTION A2**  
SCALE: 1/2 FULL  
(FRAME SCREW MOUNT)

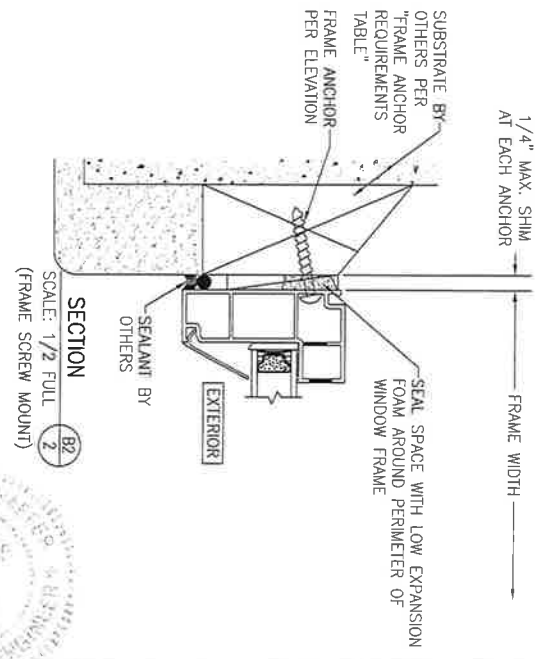
**FRAME SCREW NOTE:**  
FRAME SCREWS MAY BE ANGLED UP TO 10 DEGREES AS REQUIRED TO ALLOW INSTALLATION TOOL TO PROPERLY ENGAGE THE SCREW HEAD WHILE CLEARANCE HOLES.



**SECTION B1**  
SCALE: 1/2 FULL  
(NAIL FIN MOUNT)



**OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER**  
(HEAD SECTION SHOWN, SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



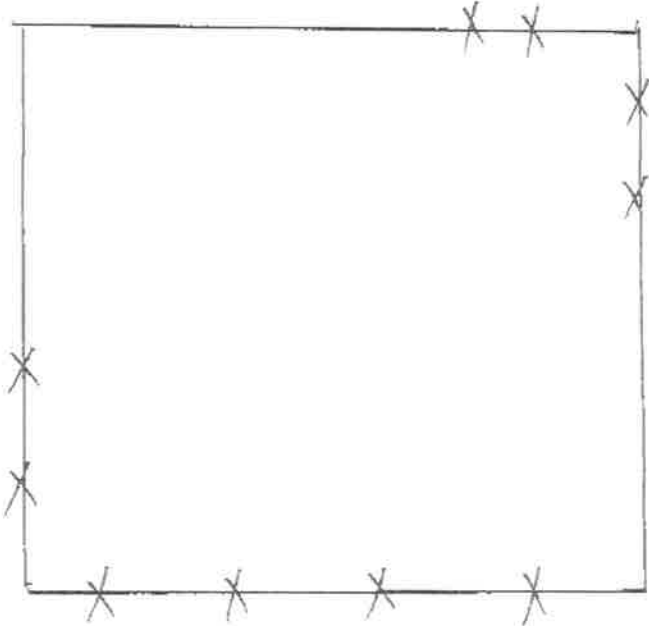
**SECTION B2**  
SCALE: 1/2 FULL  
(FRAME SCREW MOUNT)



<b>CERTIFICATION</b> OCT 2 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		<b>DRAWING TITLE</b> SERIES 10/20 VINYL PICTURE WINDOW		<b>MANUFACTURER</b> PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099		<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	REVISION DESCRIPTION	BY	DATE													<b>ISSUED BY</b> W.W.S. <b>DATE</b> 08/29/08	
NO.	REVISION DESCRIPTION	BY	DATE																						
<b>DRAWING NO.</b> 1473		<b>CONSULTANTS</b> W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		<b>PROJECT NO.</b> 1473		<b>DATE</b> 08/29/08																			
<b>SHEET NO.</b> 2 OF 2		<b>SCALE</b> 1/2" = 1'-0"		<b>PROJECT</b> 1473		<b>DATE</b> 08/29/08																			

BALDASSARI,  
GARY  
1620 OVERLOOK  
RD  
ORLANDO, FL

Back



Front

Store # 0670

FLORIDA SERVICES SOLUTIONS INSTALLED SALES CONTRACT

LOWE'S AUTHORIZED REPRESENTATIVE <i>[Signature]</i>	NUMBER 76024114
STORE NO. 0670	STREET ADDRESS 2800 W Small Lake Rd
CITY Ocala FL	STATE FL
TELEPHONE (407) 351-4167	ZIP 32319
DATE 4/7/15	LOWE'S CONTRACTOR LICENSE NUMBER CCC1508417 1508417

CUSTOMER Gary Kaldasan	
STREET ADDRESS 1620 Ov-Lake Rd	
CITY Kelle Isle FL	STATE FL
TELEPHONE (407) 857-2782	ZIP 32309
CASH	BANK <input checked="" type="checkbox"/>
LOC	REG CHARGE

This is only a quote for the merchandise and services printed below. This becomes an agreement upon payment. Upon payment, the entire agreement, including the specifically completed pages of the document, the Terms and Conditions included with this document and any other addenda and attachments hereto, shall be referred to herein as the "Contract". PLEASE READ ALL TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS PAGE AND FOLLOWING PAGES BEFORE SIGNING.

INSTALLATION STREET ADDRESS	CITY	STATE	ZIP
-----------------------------	------	-------	-----

(4x Thermostat single temp, stable voltage, E) (3x Thermostat per room units / Johnson / Link)  
 (3x Exhaust shading window / Johnson / Link E)  
 Includes: product, labor, permit, delivery, materials, and clean up

**NOTICE TO CUSTOMER - PRICE CALCULATIONS:** In order to properly perform the installation of certain Goods, the Contract Price may include more Goods than actually will be installed based on the measured square footage of the Project Area. As a result, the parties agree that the lump-sum Price stated in this Contract is calculated upon both the value of estimated Goods required to fulfill the Contract (including waste), which may exceed the actual square footage of the Project Area, and the labor which may be estimated based on the amount of Goods required to fulfill the Contract (including waste). By signing this Contract below, Customer acknowledges receipt of this notice and agrees and understands that the Price includes these costs which may not be refunded once the Installation Services are performed.

**NOTICE TO CUSTOMER:** Federal law requires Lowe's to provide you with the pamphlet *Renovate Right*. By signing this Contract, Customer acknowledges having received a copy of this pamphlet before work began informing Customer of the potential risk of the lead hazard exposure from renovation activity to be performed in Customer's dwelling unit.

Contract Total	5557. <sup>00</sup>
*applicable taxes included	

**NOTE:** If rotted wood is discovered during installation additional charges will apply. You will be given a quote and a change order must be completed and signed by the customer for any additional charges. Customer must initial. \*Any work or material not specified is not included in this contract. Any changes or additions will be at an additional charge for the material and labor.

**NOTICE TO OWNER: - ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001-713.37, FLORIDA STATUTES), THOSE WHO WORK ON YOUR PROPERTY OR PROVIDE MATERIALS AND SERVICES 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 OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS, THOSE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE ALREADY PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR A SUBCONTRACTOR MAY HAVE FAILED TO PAY. TO PROTECT YOURSELF, YOU SHOULD STIPULATE IN THIS CONTRACT THAT BEFORE ANY PAYMENT IS MADE, YOUR CONTRACTOR IS REQUIRED TO PROVIDE YOU WITH A WRITTEN RELEASE OF LIEN FROM ANY PERSON OR COMPANY THAT HAS PROVIDED TO YOU A "NOTICE TO OWNER." FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX, AND IT IS RECOMMENDED THAT YOU CONSULT AN ATTORNEY.**

**PHOTO RELEASE:** Customer grants to Lowe's and Lowe's employees and independent contractors the right to take photographs of the Premises where Installation Services will be performed and all work performed at the Premises related to this Contract, and irrevocably grants to Lowe's all right, title and interest in and to the photographs for use in all markets and media, worldwide, in perpetuity. Customer authorizes Lowe's to copyright, use and publish the photographs in print and/or electronically, and agrees that Lowe's may use such photographs for any lawful purpose, including, but not limited to, marketing, advertising, publicity, illustration, training and Web content. By initialing here, Customer agrees to the foregoing. \_\_\_\_\_ (Customer to Initial to the left).

Work is to commence upon reasonable availability of Contractor and/or any special order or customer made Good(s) which is anticipated to be \_\_\_\_\_ (fill in date). Estimated completion date is \_\_\_\_\_ (fill in date).  
 Said estimated substantial completion date is not of the essence. A statement of any contingencies that would materially change said estimated substantial completion date is as follows: \_\_\_\_\_  
 (if applicable, insert a statement of such contingencies).

This Contract provides that all claims by Customer or Lowe's will be resolved by BINDING ARBITRATION. Customer and Lowe's GIVE UP THE RIGHT TO GO TO COURT to enforce this Contract (EXCEPT for matters that may be taken to SMALL CLAIMS COURT). Lowe's and Customer's rights will be determined by a NEUTRAL ARBITRATOR and NOT a judge or jury. Lowe's and Customer are entitled to a FAIR HEARING. But the arbitration procedures are SIMPLER AND MORE LIMITED THAN RULES APPLICABLE IN COURT. Arbitrator decisions are as enforceable as any court order and are subject to VERY LIMITED REVIEW BY A COURT. FOR MORE DETAILS: Review the section titled ARBITRATION AGREEMENT, WAIVER OF JURY TRIAL AND WAIVER OF CLASS ACTION ADJUDICATION found in the Terms and Conditions of this Contract.

**DO NOT SIGN THIS CONTRACT UNTIL COMPLETE AND YOU HAVE READ THE TERMS AND CONDITIONS CONTAINED ON ALL PAGES OF THIS CONTRACT. BY SIGNING BELOW, YOU ARE ACKNOWLEDGING THAT YOU HAVE READ, UNDERSTAND AND AGREE TO THE TERMS AND CONDITIONS SET FORTH ON ALL PAGES OF THIS CONTRACT. YOU ARE ENTITLED TO A COPY OF THIS CONTRACT AT THE TIME OF SIGNATURE.**

WITNESS OUR HAND(S) AND SEAL(S) BELOW THIS 7th DAY OF April 2015

Lowe's Home Centers, LLC  
*[Signature]*  
 Lowe's Authorized Representative

*[Signature]*  
 Owner

\_\_\_\_\_  
 Co-owner or Witness

Customer acknowledges receipt of a true copy of this contract which was completely filled in prior to Customer's execution hereof. You, the buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the attached notice of cancellation form for an explanation of this right.

1 1/2" Minimum Embedment

1/4" Max Space

1/4" Max Space

1 1/2" Minimum Embedment

12" MAX. 2" MAX.

12" MAX.

2" MAX.

Elevation View

12" MAX. 2" MAX.

12" MAX.

2" MAX.

Elevation View

Section A-A

Table 1 - Verified Installations

Configuration	DP (psf)	WIDTH (in)	HEIGHT (in)
XO	+/- 40	72	60
XO	+/- 50	72	48
XOX	+/- 30	108	72

NOTES:

- INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
- INSTALLATION ANCHORS SHALL BE #8 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1-1/2" INTO WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
- WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSER.
- INSTALLATION ANCHORS SHALL BE LOCATED WITHIN 1/2" OF THE SPECIFIED LOCATION.
- MAXIMUM SHIM SPACE SHALL BE 1/4". SPACES GREATER THAN 1/16" REQUIRE LOAD BEARING SHIMS.
- INSTALLATION ANCHORS ARE SHOWN GOING THROUGH EXTERIOR FINISH. ANCHORS MAY BE INSTALLED DIRECTLY INTO WOOD FRAMING MEMBER WITH 1-1/2" MINIMUM EMBEDMENT STILL REQUIRED.
- INSTALLATION ANCHORS SHALL BE LOCATED 2" FROM CORNERS AND 12" MAXIMUM ON CENTER SPACING.
- THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
- SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING.
- GLAZING TYPE, GLASS TYPE, AND GLASS THICKNESS ARE ESTABLISHED BY THE CERTIFICATION AND SHALL SATISFY ASTM E1300. GLAZING TYPE SHALL BE INSULATING GLASS.
- PRODUCTS LISTED IN TABLE 1 ARE NOT IMPACT RESISTANT. IF USED IN WIND-BORNE DEBRIS REGIONS, APPROVED PROTECTION DEVICES ARE REQUIRED.
- PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL TO ATRIUM COMPANIES, INC. AND SHALL NOT BE REPRODUCED, COPIED, OR DISSEMINATED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF ATRIUM COMPANIES, INC.



Title: Atrium Series 120 Horizontal Slider New Construction Installation Drawing

No.	Date	Revision Description	By	ECN #
1	5-27-10	Increased J-channel thickness on frame. Removed dust plugs from assembly drawing. Changed weep gates.	CRA	2010-1750
2	5/8/2013	Updated sizes, anchor spacing, and DP's to reflect current testing. Removed '85' from series.	JTS	2013-2204

Material (Type-Alloy-Temper):	Est. Area (in <sup>2</sup> ): NA	Tolerances: X.XX = ±X.XX X.XXX = ±X.XXX X.X' = ±X.X'
-----	Est. Weight (lb/ft): NA	
Drawn By: CRA	Approved By: -----	Date: 9-15-2009
ECN# (Initial Issue): 2008-1369	File Name: ADW-01 120 HS ASSY	Scale: 3:4
		Sheet Size: ANSI B

**GENERAL NOTES:**

- ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- THESE NON-IMPACT RATED WINDOW SYSTEM INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
- 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 WOOD.
- 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.
- TO THE BEST OF OUR KNOWLEDGE, THE WINDOWS SHOWN HEREIN ARE CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE 9N-3 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.
- 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 PRODUCT'S CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
- THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED WINDOW.
- 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.

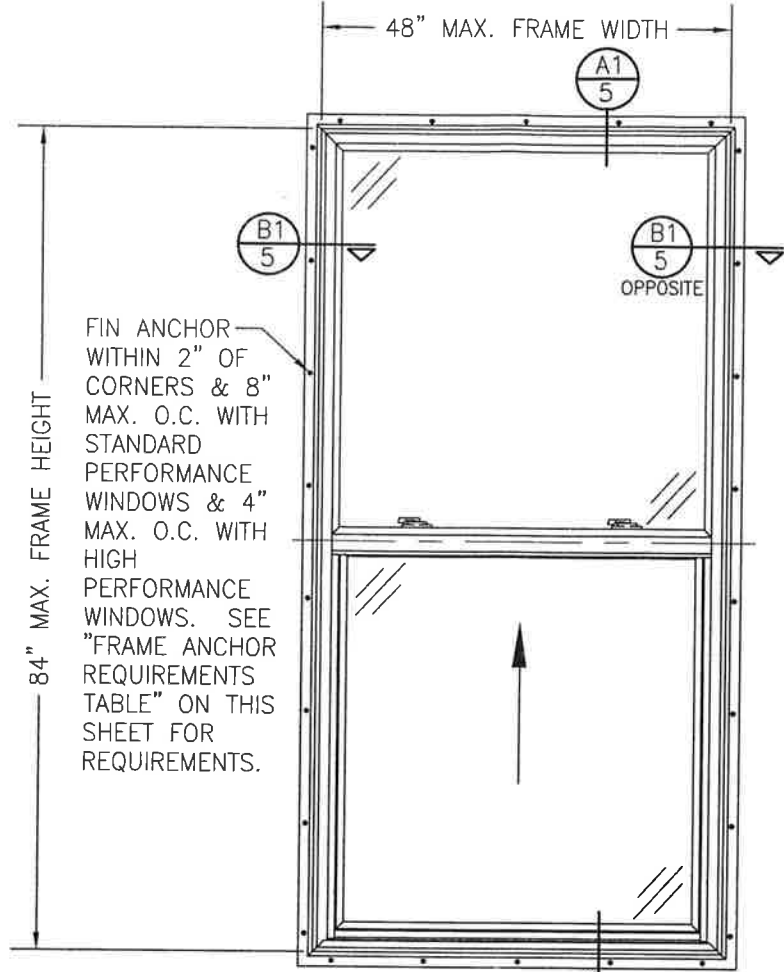
**ALTERNATE ANCHOR/SUBSTRATE EVALUATION NOTE:**

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.

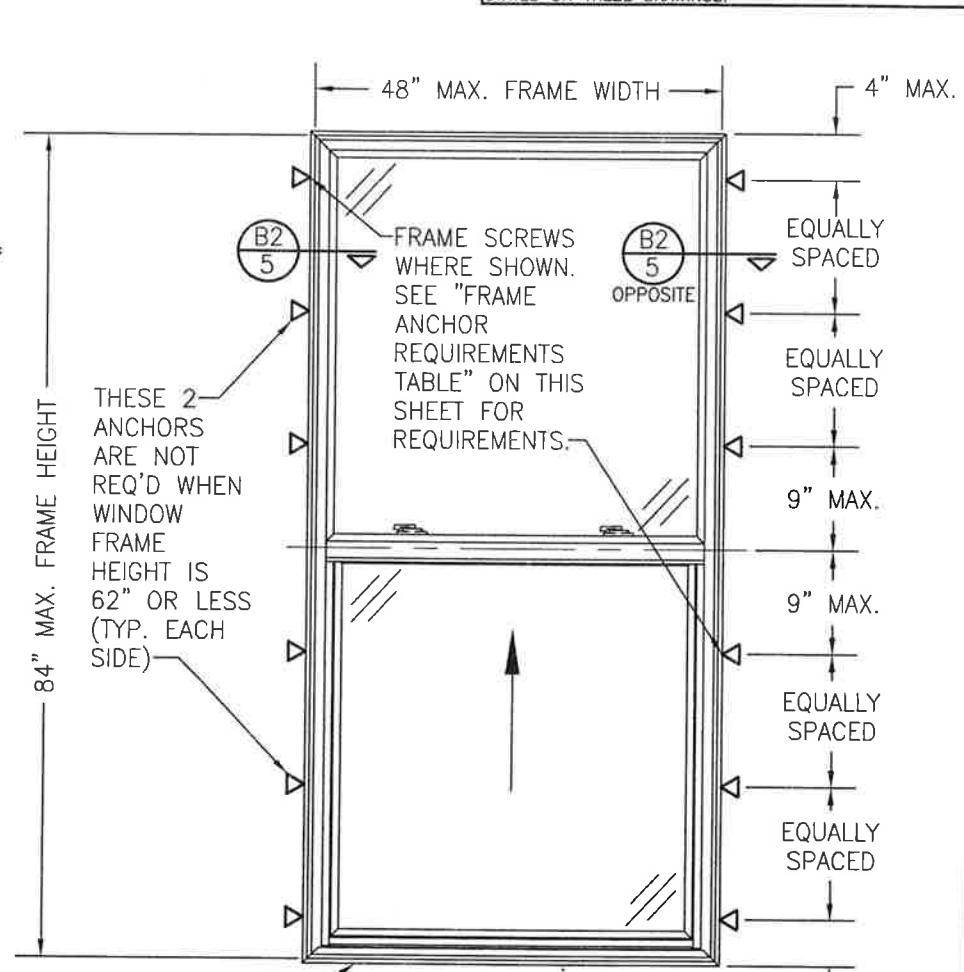
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THE REFERENCED PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER 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.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
DATE:	06/11/08	DATE:	01/30/08
BY:	W.R.M.	DATE:	12/15/09
REVISION DESCRIPTION	NO.	DATE	
A1	UPDATE TO PRESENT STANDARDS		
B1	UPDATE PER NEW TESTING		
C1	UPDATE PER NEW TESTING		
D1	UPDATE CONSULTANTS ADDRESS		



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



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

**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. 18 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. 18 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"	

<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	(3) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	(3) NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

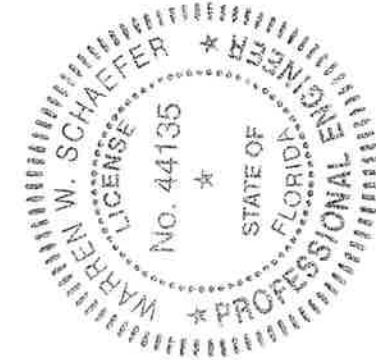
- FRAME SCREWS SHALL BE PAN HEAD OR HEX HEAD SCREW
- CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.)
- WHEN SCREWS ARE USED WITH THE NAIL FIN, THEY MUST BE A WAFFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.
- ROOFING NAILS ARE ONLY APPLICABLE WITH STANDARD PERFORMANCE WINDOWS (N/A WITH HIGH PERFORMANCE WINDOWS)

**ALLOWABLE DESIGN PRESSURE (SINGLE WINDOW)**

WINDOW SIZE		STILE REINFORCEMENT	FIXED SASH MEETING RAIL REINFORCEMENT	ACTIVE SASH MEETING RAIL REINFORCEMENT	ALLOWABLE PRESSURE (POSITIVE & NEGATIVE) (PSF)
MAX. FRAME WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)				
(2) 36	59.5	NO	NO	YES	35
(2) 36	72	YES	NO	YES	35
(2) 42	72	YES	YES	YES	50
(2) 48	59.5	NO	YES	YES	35
(2) 48	72	YES	YES	YES	35
(1) 48	84	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.

HIGH PERFORMANCE WINDOW



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



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

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

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

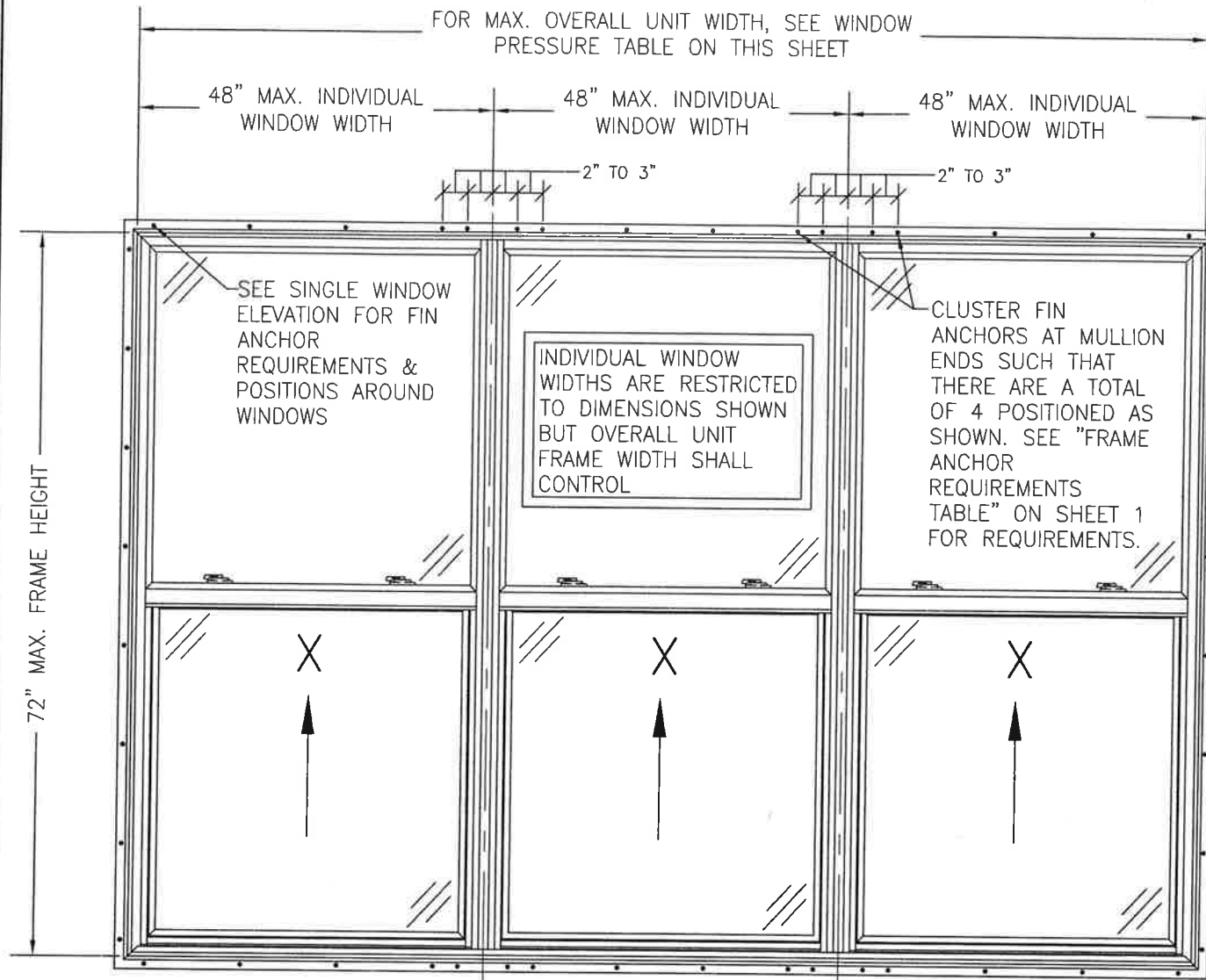
DRAWING TITLE: SERIES 10/20 VINYL SINGLE HUNG WINDOW

MANUFACTURER

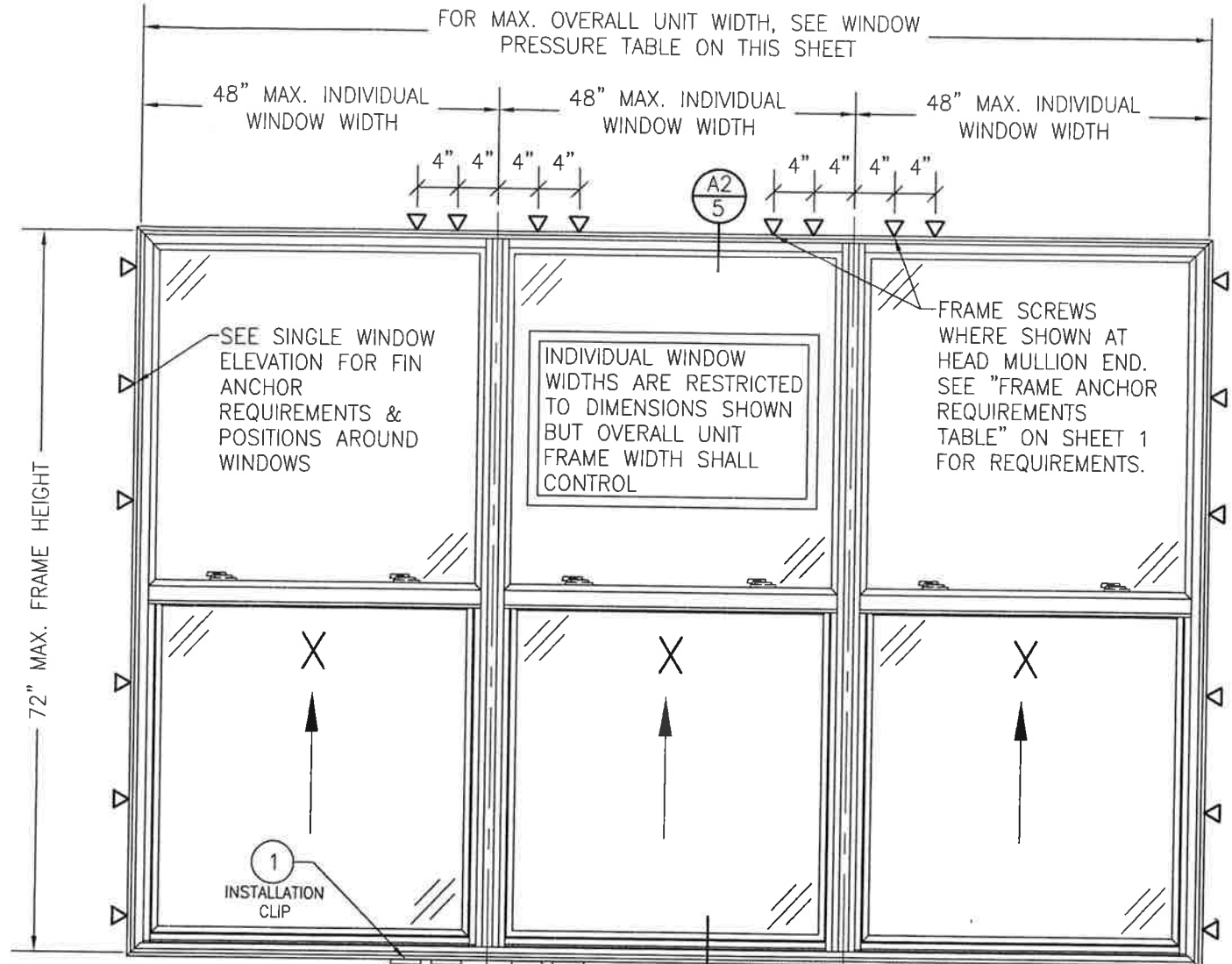
CONSULTANTS

DATE: 11/02/11





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



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

INSTALLATION CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS. NOTE: CLIPS MAY BE USED AT HEAD ALSO IN LIEU OF FRAME SCREWS

ALLOWABLE DESIGN PRESSURE (DOUBLE & TRIPLE WINDOWS)						
OVERALL WINDOW SIZE		MULLION REINFORCEMENT TYPE	STILE REINFORCEMENT	FIXED SASH MEETING RAIL REINFORCEMENT	ACTIVE SASH MEETING RAIL REINFORCEMENT	ALLOWABLE PRESSURE (POSITIVE & NEGATIVE) (PSF)
MAX. FRAME WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)					
DOUBLE WINDOWS						
72	53.5	I-BEAM	NO	NO	YES	35
72	65.5	BAR	YES	YES	YES	50
72	72	I-BEAM	YES	NO	YES	35
96	53.5	I-BEAM	NO	YES	YES	35
96	72	I-BEAM	YES	YES	YES	30
TRIPLE WINDOWS						
108	53.5	I-BEAM	NO	NO	YES	35
108	72	I-BEAM	YES	NO	YES	35

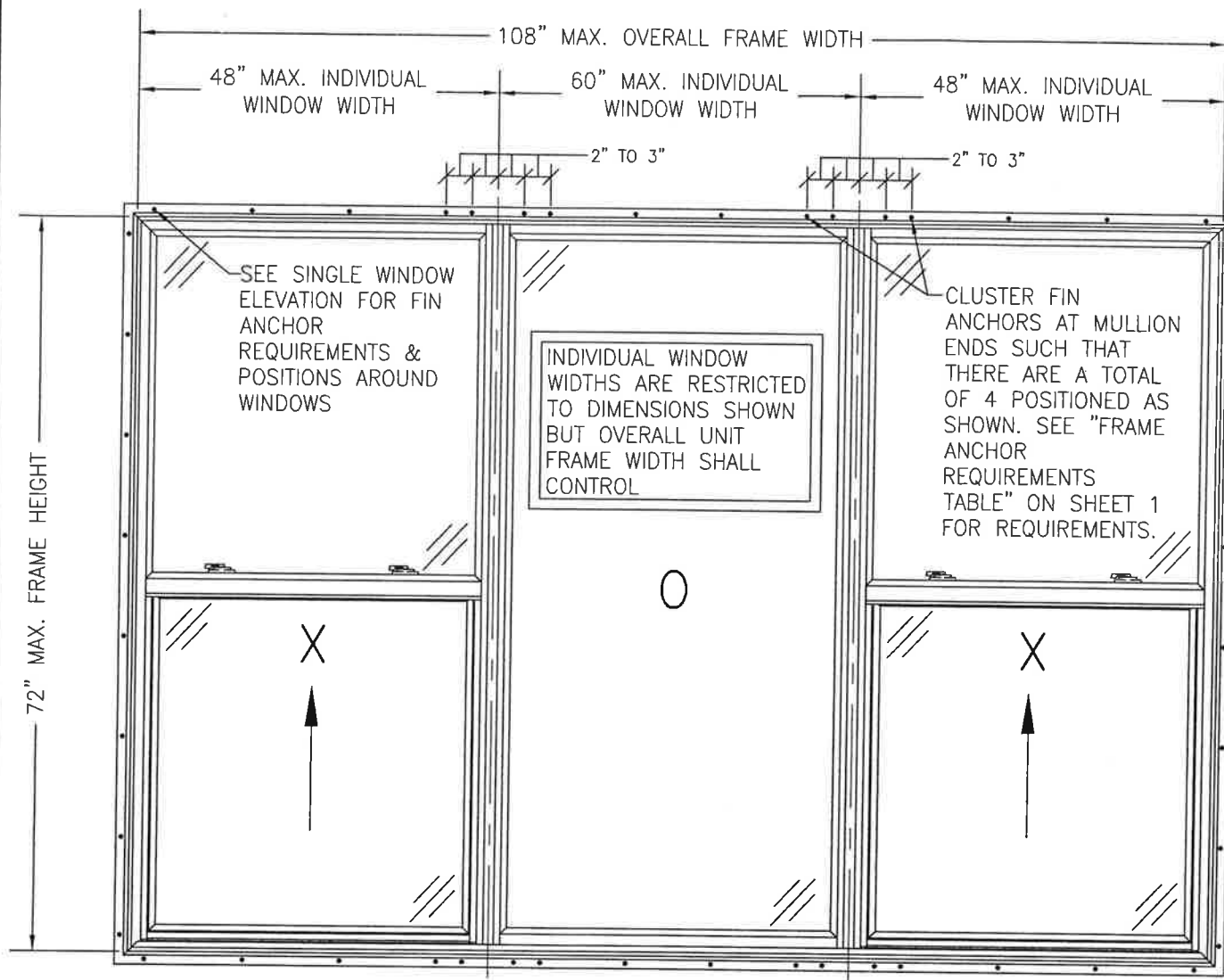
PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE WINDOWS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL WINDOW'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.

HIGH PERFORMANCE WINDOW

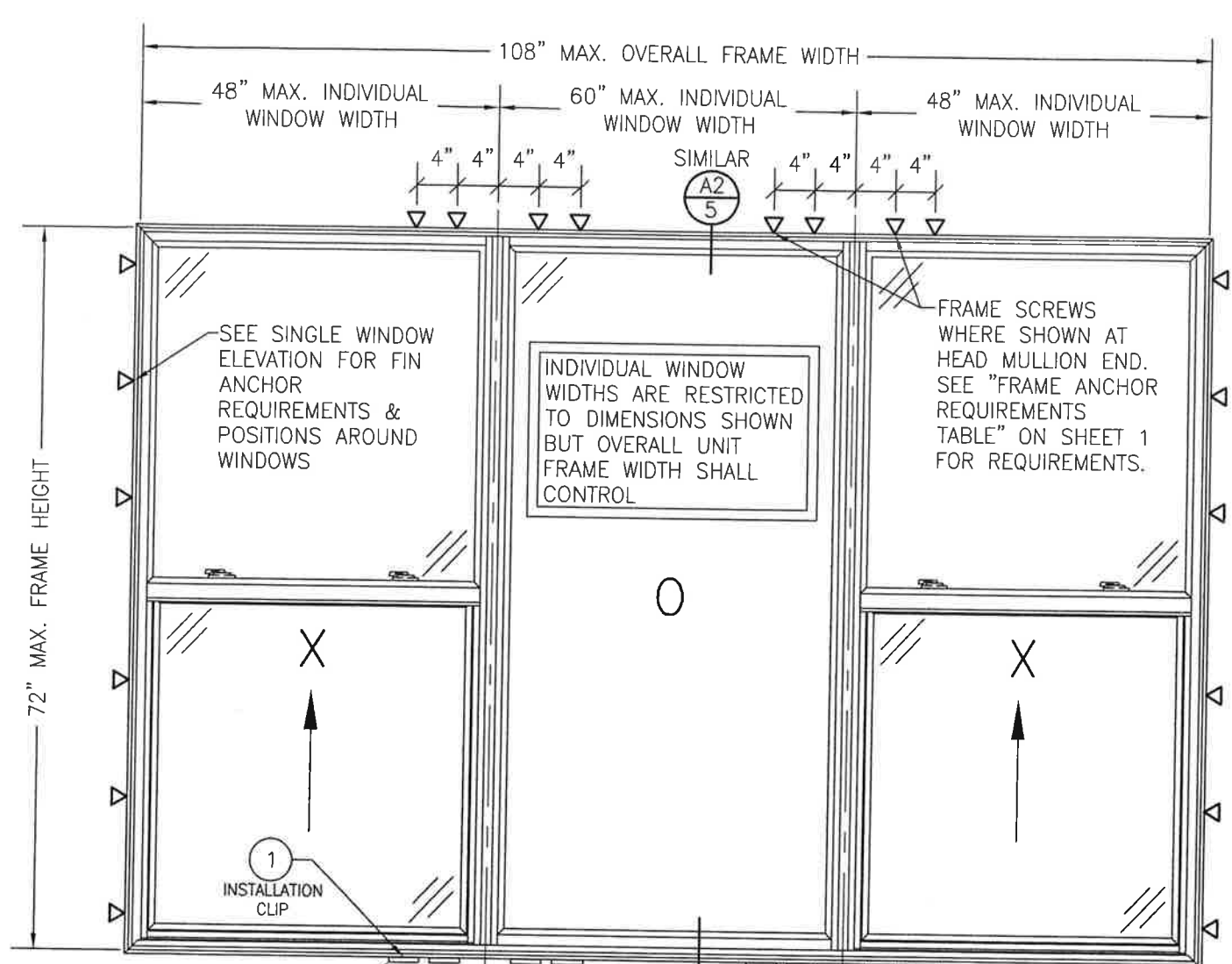
**NOTE:**

1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.
2. TRIPLE WINDOW SHOWN. DOUBLE WINDOW ALSO APPLIES.
3. IF MORE THAN 3 WINDOWS ARE TO BE MULLED IN ONE OPENING, ALLOWABLE PRESSURE ON THOSE UNITS SHALL BE AS STATED FOR THE COMPARABLE TRIPLE UNIT.

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 01/30/08
DATE	BY
REVISION DESCRIPTION	NO.
<b>SERIES 10/20 VINYL SINGLE HUNG WINDOW</b> MANUFACTURER  <b>PELLA CORPORATION</b> 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION  NOV 2 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1572</b>	REV. <b>D</b>
SHEET NO. <b>2 OF 5</b>	



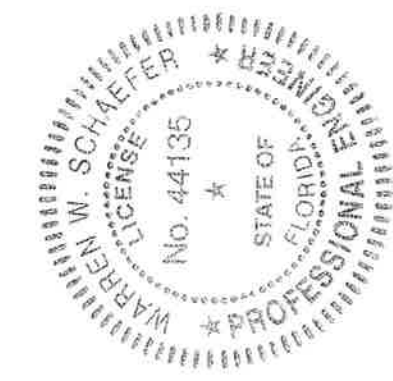
**EXTERIOR ELEVATION:  
MULTIPLE OPERABLE/FIXED WINDOWS  
(FIN INSTALLED SERIES 10)**  
SCALE: 3/4" = 1'-0"



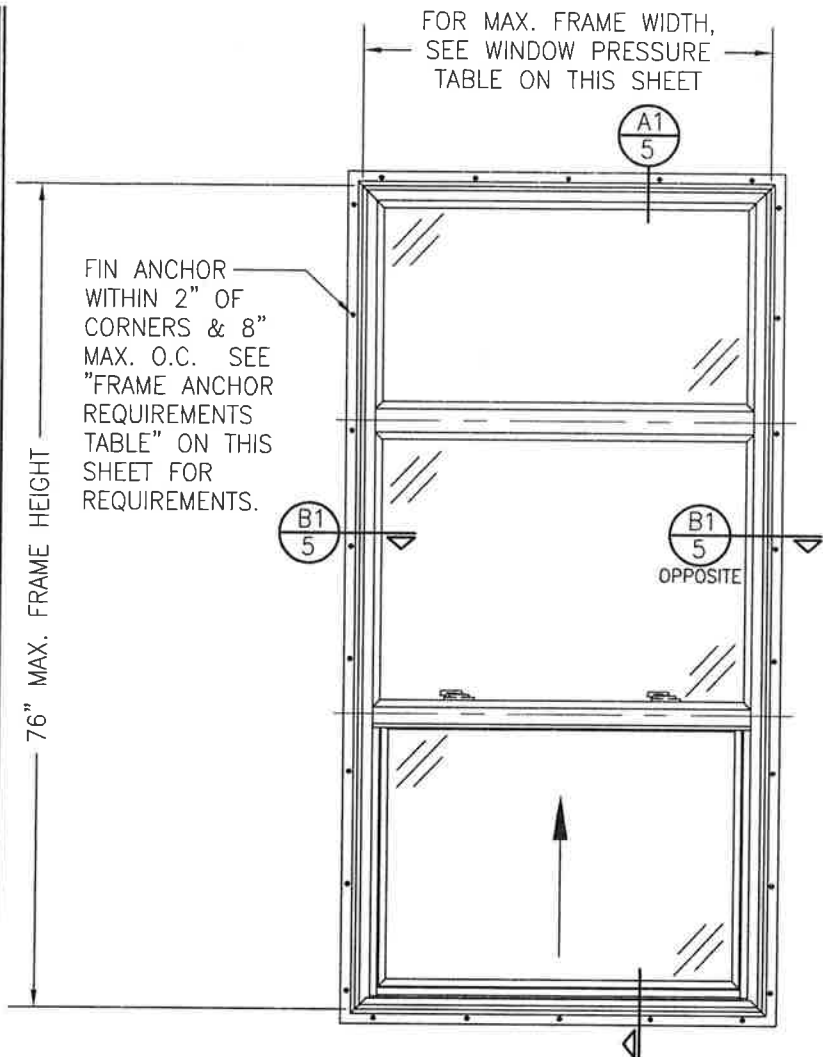
**EXTERIOR ELEVATION:  
MULTIPLE OPERABLE/FIXED WINDOWS  
(FRAME SCREW INSTALLED SERIES 20)**  
SCALE: 3/4" = 1'-0"

<b>ALLOWABLE DESIGN PRESSURE (XOX WINDOWS)</b>
+/-30 PSF
<p>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.</p>

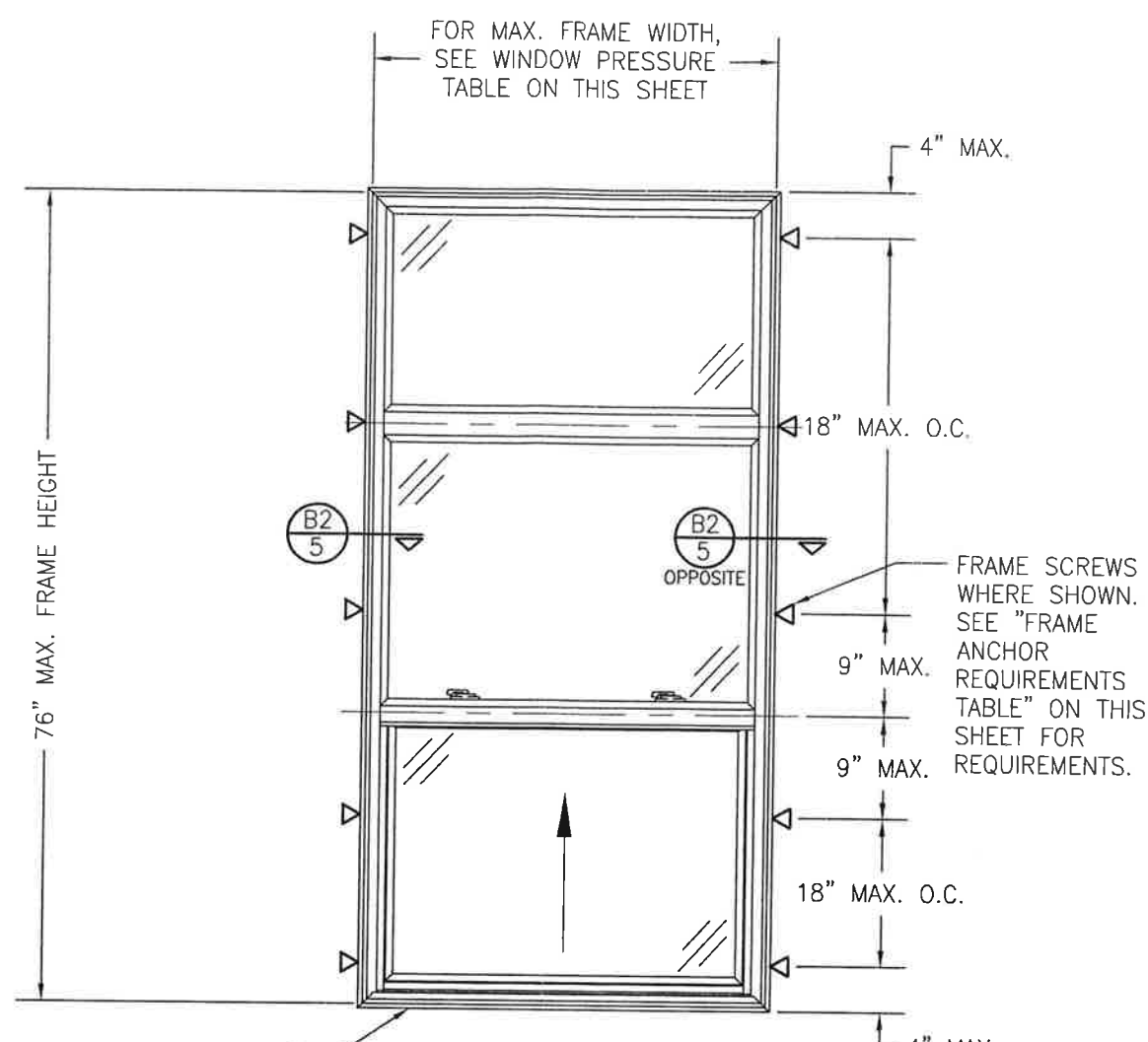
- NOTE:**
1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.
  2. TRIPLE WINDOW SHOWN. DOUBLE WINDOW ALSO APPLIES & IS RESTRICTED TO A MAXIMUM OVERALL FRAME WIDTH OF 96".



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.	PLOT: 1=16	DATE: 01/30/08
DATE	BY	REVISION DESCRIPTION	NO.
<p><b>SERIES 10/20 VINYL SINGLE HUNG WINDOW</b></p> <p>MANUFACTURER <b>Pella</b></p> <p>CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p> <p>CERTIFICATION NOV 02 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>			
DRAWING TITLE		DRAWING NO. 1572	
DRAWING NO. 1572		REV. D	
SHEET NO. 3		OF 5	



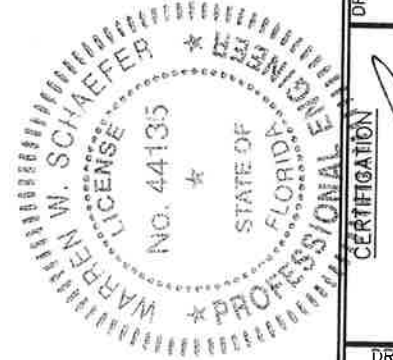
**EXTERIOR ELEVATION:  
SINGLE WINDOW WITH TRANSOM  
(FIN INSTALLED SERIES 10)**  
SCALE: 3/4" = 1'-0"

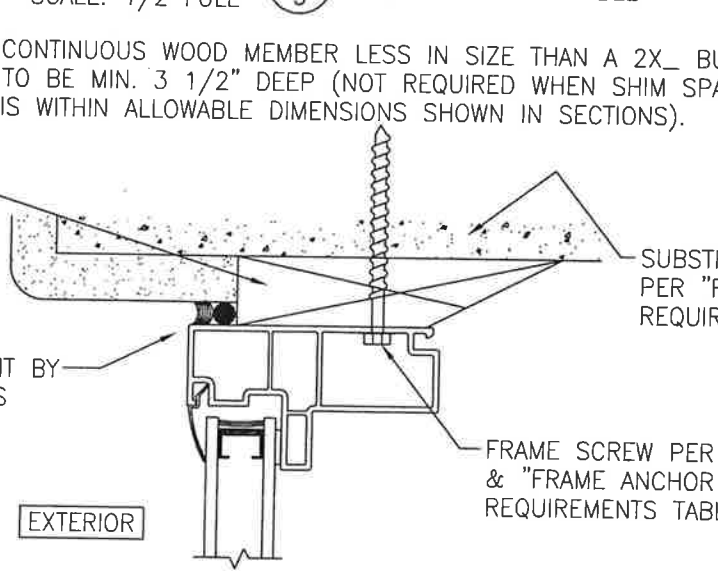
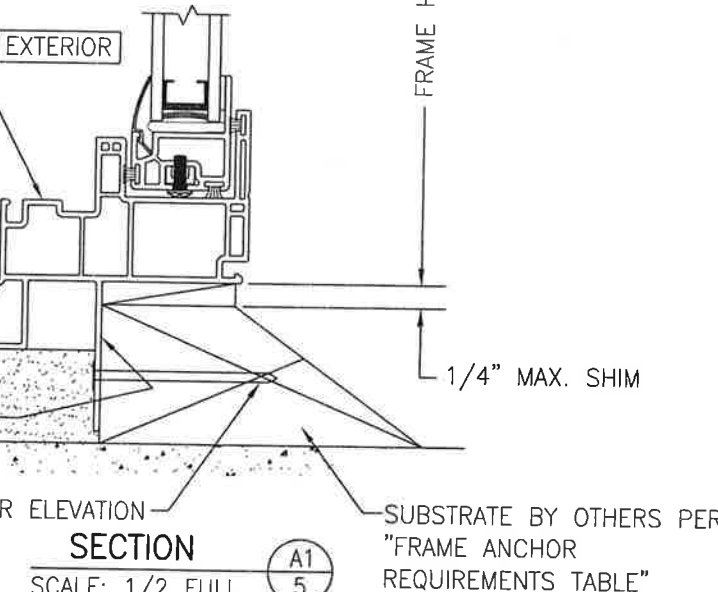
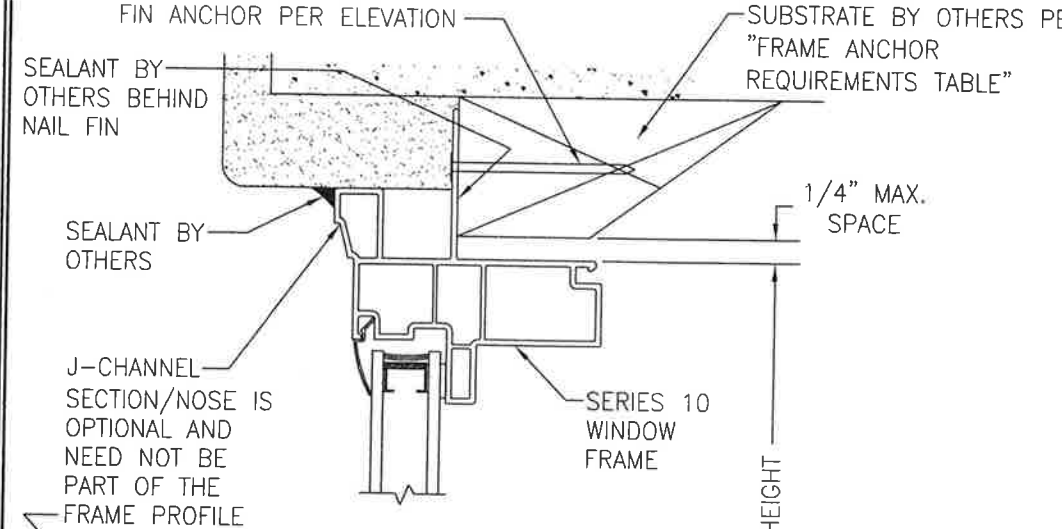


**EXTERIOR ELEVATION:  
SINGLE WINDOW WITH TRANSOM  
(FRAME SCREW INSTALLED SERIES 20)**  
SCALE: 3/4" = 1'-0"

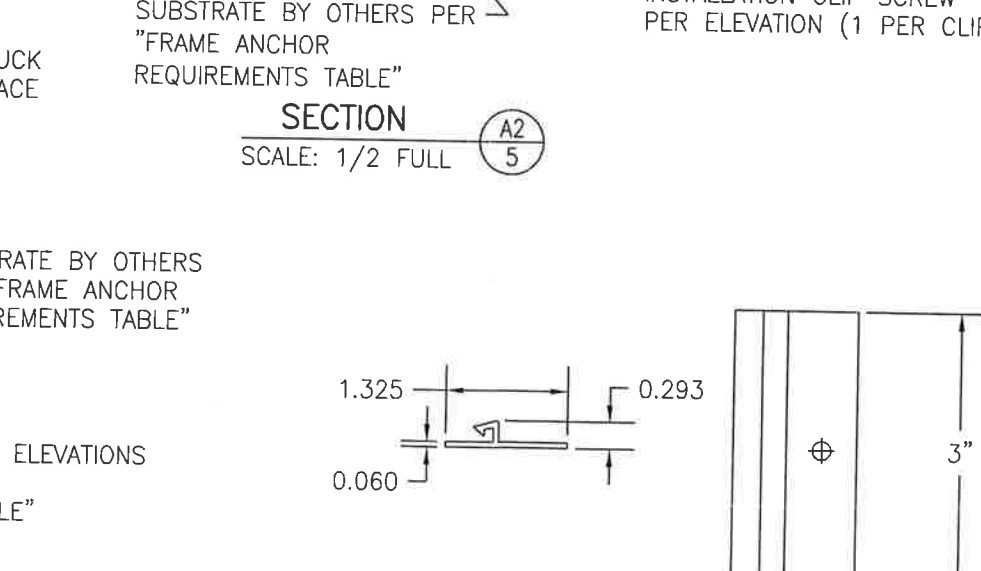
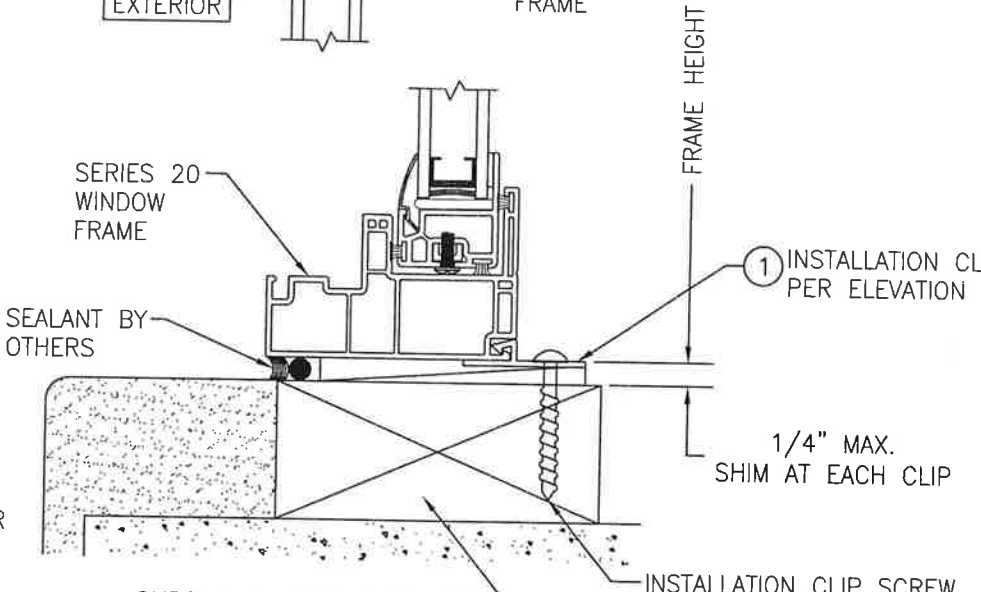
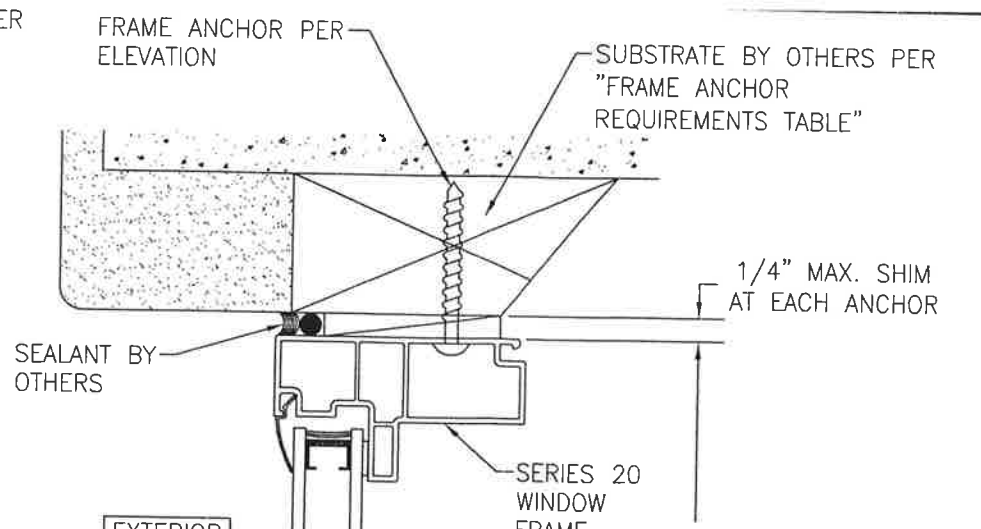
ALLOWABLE DESIGN PRESSURE (WINDOW WITH TRANSOM)		
WINDOW SIZE		ALLOWABLE PRESSURE (POSITIVE & NEGATIVE) (PSF)
MAX. FRAME WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	
30	76	35
46	76	30

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 01/30/08
NO.	REVISION DESCRIPTION
BY	DATE
<p><b>SERIES 10/20 VINYL SINGLE HUNG WINDOW</b></p> <p>PELLA CORPORATION 2000 PROLINE PLACE GETTYSBURG, PA 17325 717-334-0099</p>  <p>MANUFACTURER</p> <p>CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p>	
<p>DRAWING TITLE</p> <p>CERTIFICATION</p> <p>NOV 02 2011</p> <p>WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>	
DRAWING NO. <b>1572</b>	REV. <b>D</b>
SHEET NO. <b>4 OF 5</b>	

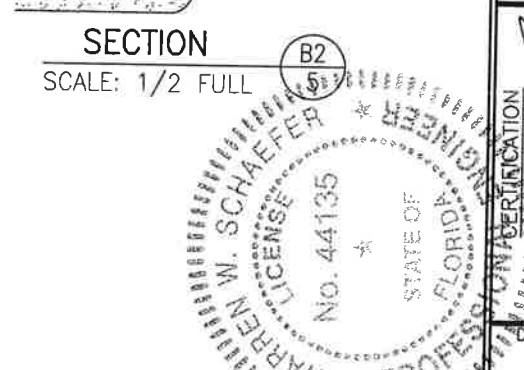
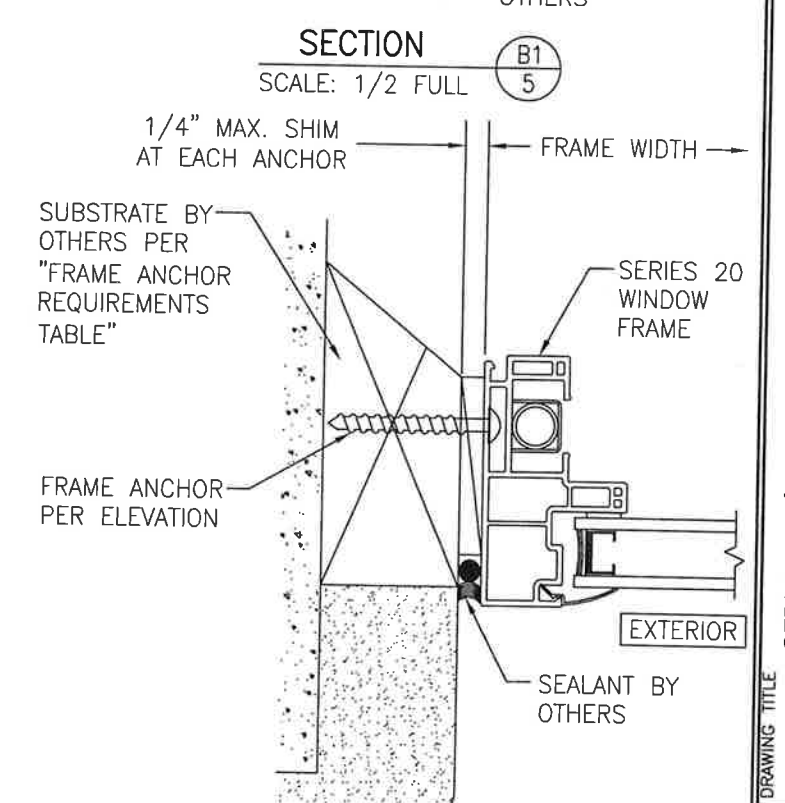
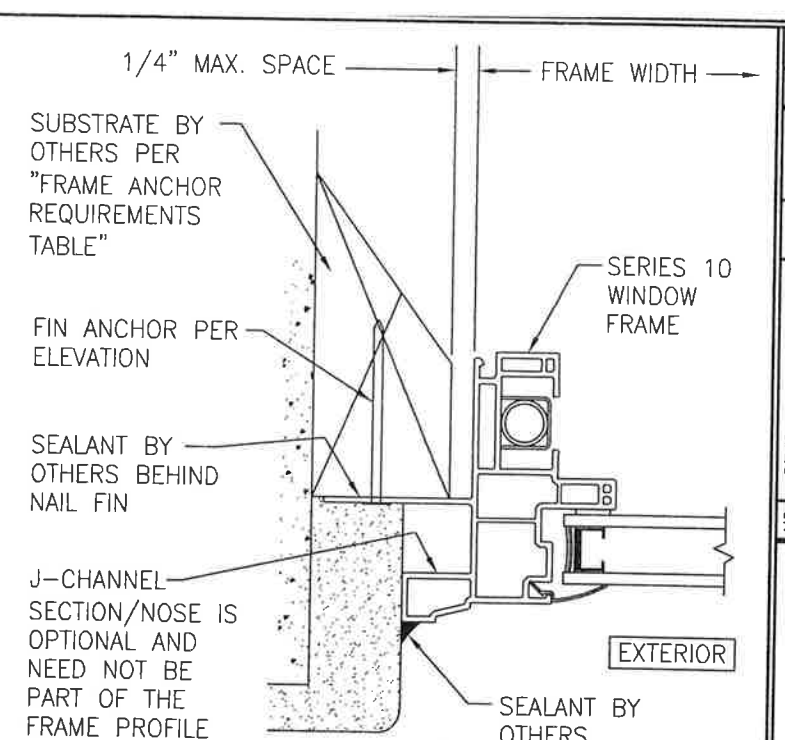
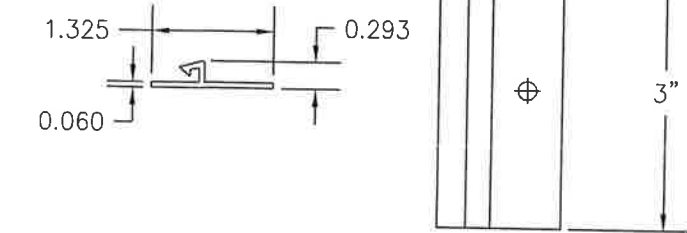




**OPTIONAL (SERIES 20) DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER**  
 (HEAD SECTION SHOWN, SIDES ARE INSTALLED THE SAME)  
 (SILL DOES NOT APPLY)  
 (FOR DETAIL NOT SHOWN, SEE SECTIONS A2/4 & B2/4)



**1 INSTALLATION CLIP (VINYL)**



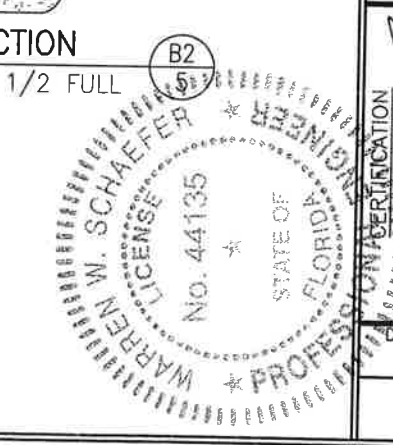
**SECTION B2**  
 SCALE: 1/2 FULL

DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1=2	DATE:	01/30/08
NO.		REVISION	DESCRIPTION
BY		DATE	

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



**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)**  
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NOV 09 2011  
 WARREN W. SCHAEFER, P.E.  
 P.E. NO. 44135

DRAWING NO.	1572	REV.	D
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