

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Pella	Single Hung Window	16812.1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	Pella	Fixed Window	16811.3
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

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

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


 Contractor OR Agent Signature

10/14/2025
 Date

NOTES: _____



Product Approval
USER: Public User

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

► OFFICE OF THE
SECRETARY

Search Criteria

[Refine Search](#)

Code Version	2023	FL#	16812.1
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL16812-R9 History	Revision	Pella Corporation FL#: FL16812.1 Model: 250 Series Single Hung Window Description: 36" x 63" vinyl non-impact single window Category: Windows Subcategory: Single Hung	T.E. Lunn, PE, LLC (561) 625-6455	Approved *

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval Accepts:



GENERAL NOTES:

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIALS SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BLOCKING & BLOCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER LOADS TO THE FOUNDATION.
3. ALL ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
4. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BLOCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
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 PRODUCT SHOWN HEREIN IS CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS.
7. MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS SHALL BE IN ACCORDANCE WITH THE FOLLOWING APPLICABLE: (1) PRODUCT IS INSTALLED WITHIN A BUILDING PERMITTED FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. (2) PRODUCT IS INSTALLED BY ANOTHER THAN A LICENSED CONTRACTOR. (3) PRODUCT IS NOT BEING USED IN A MANNER OTHER THAN THAT FOR WHICH IT WAS DESIGNED OR PREVIOUSLY USED. (4) PRODUCT IS NOT BEING USED IN A MANNER THAT COULD CAUSE THE PRODUCT TO BE INCONSISTENT WITH WHAT HAS BEEN TESTED.
8. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
9. THESE DRAWINGS CERTIFY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

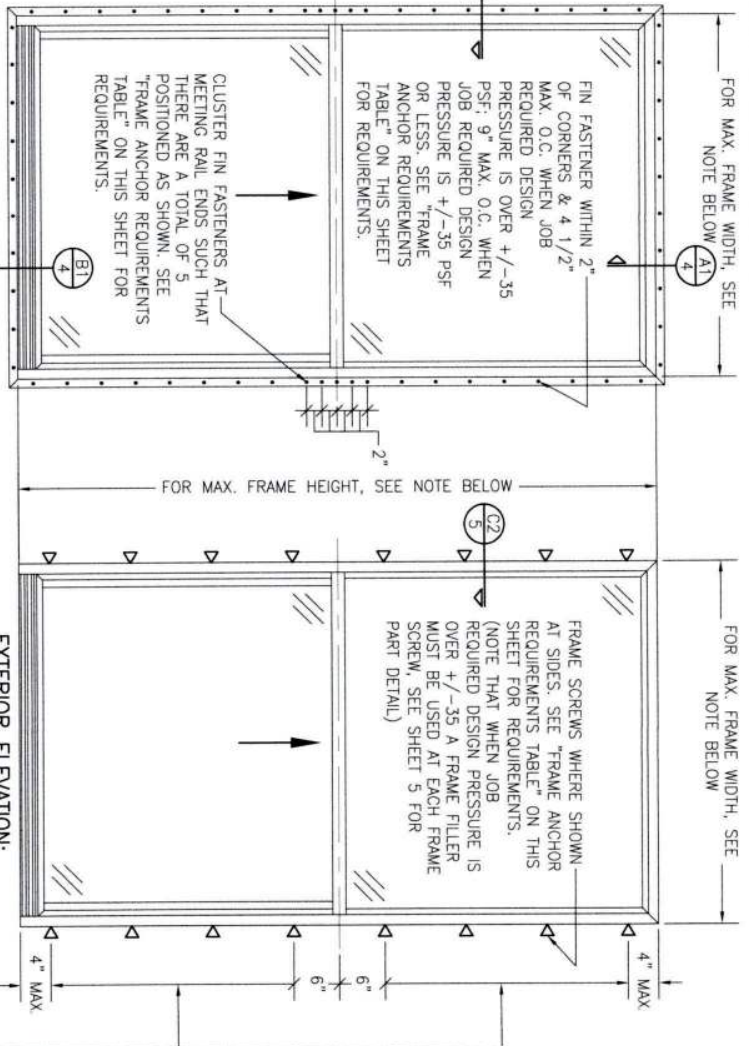
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM FIELD TESTING REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT 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 HEREIN ARE CORRECT WITH THE THEN CURRENT TESTING CODE AND APPLICABLE STANDARDS.

INSTALLATION NOTE: WHEN NECESSARY, INSTALLATION METHODS MAY BE MODIFIED WITH ANY ONE WINDOW SUCH THAT INDIVIDUAL SIDES OF THE WINDOW MAY USE ONE OR THE OTHER ANCHOR METHOD (EXAMPLE: HEAD MAY USE FRAME SCREWS METHOD WHILE OTHER SIDES USE FIN).

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(1) 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. 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"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
(1) INSTALLATION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 1/4"	1/2"
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"
2500 PSI CONCRETE	(2) 3/16" CONCRETE SCREW	1 1/4"	2"
(3) 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)	11 GA. 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"

- (1) FRAME AND INSTALLATION CLIP SCREWS SHALL BE A PAN OR HEX HEAD SCREW.
- (2) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMST/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).
- (3) WHEN SCREWS ARE USED WITH THE NAIL FIN, THEY MUST BE A PAN HEAD OR WAFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.



EXTERIOR ELEVATION: SINGLE WINDOW

SCALE: 3/4" = 1'-0"

(NAIL FIN MOUNT CONDITION)

NOTE: FOR MAX. SINGLE WINDOW FRAME DIMENSIONS AND ALLOWABLE DESIGN PRESSURE, SEE APPLICABLE FLORIDA APPROVAL

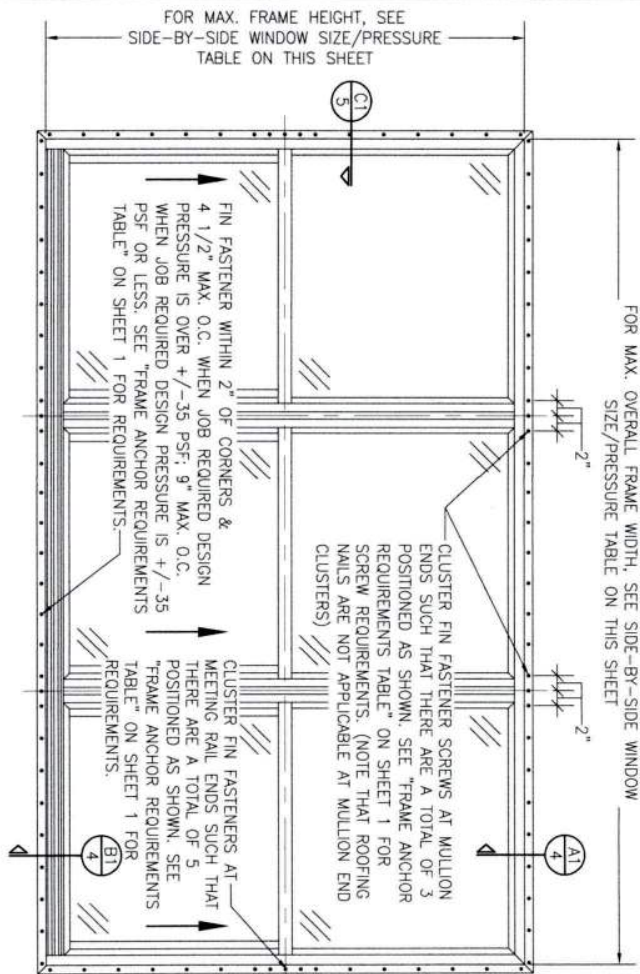
SIDE JAMB ANCHOR SPACING TABLE	
MAXIMUM FRAME WIDTH (IN.)	MAXIMUM O.C. SPACING (IN.)
54	12
48	13
36	17

ANCHOR/SUBSTRATE EVALUATION NOTE:

ALL ANCHORS IN THESE SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARDS(S) AND ARE FOUND TO BE CAPABLE OF SUPPORTING ALL LOADS IMPOSED ON THEM UNDER THE GUIDELINES OF THIS DOCUMENT. ANY SUBSTRATES OR CONDITIONS OUTSIDE OF WHAT IS SHOWN HEREIN SHALL BE SUBJECT TO JOB SPECIFIC ENGINEER'S REVIEW & CERTIFICATION.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

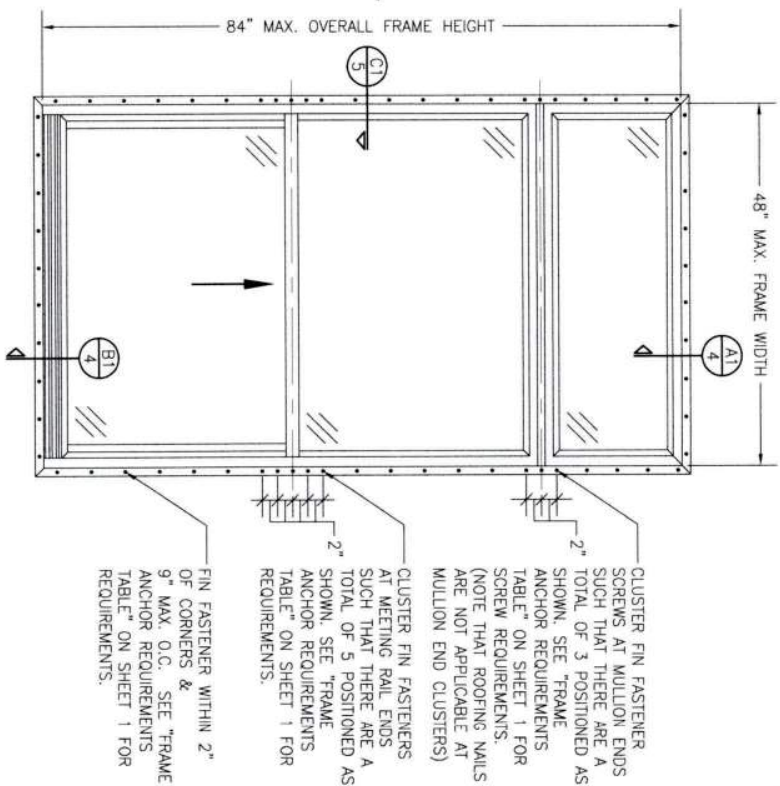
DRAWING NO. 1867		SHEET NO. 1 OF 5	
C		REV. C	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING TITLE: 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER: Pella PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION		REVISION	
A1		UPDATE FOR NEW TESTING	
B1		ADDED 109 X 72 WINDOW	
C1		UPDATE TO CURRENT STANDARDS	
DATE: 02/07/14		DATE: 03/09/23	



**EXTERIOR ELEVATION:
SIDE-BY-SIDE WINDOW**
SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT CONDITION)

ALLOWABLE SIDE-BY-SIDE WINDOW SIZE/PRESSURE TABLE			
MAXIMUM OVERALL FRAME WIDTH DIMENSION (IN.)	MAXIMUM FRAME HEIGHT DIMENSION (IN.)	ALLOWABLE PRESSURE (+/- PSF)	
TRIPLE WINDOW			
109	63	35	
109	72	30	
DOUBLE WINDOW			
96	72	35	
72	65 1/2	50	

PRESSURES & CONDITIONS SHOWN IN THIS DRAWING ARE GOVERNED BY INSTALLATION REQUIREMENTS ONLY. THE GOVERNING CONDITIONS ON ANY SPECIFIC PRODUCT SHALL BE THE LESSER OF THOSE SPECIFIED IN THE PRODUCTS STATE APPROVAL OR THAT SHOWN IN THESE DRAWINGS.



**EXTERIOR ELEVATION:
SINGLE WINDOW WITH TRANSOM**
SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT CONDITION)

ALLOWABLE DESIGN PRESSURE (TRANSOM UNITS ONLY)
+/-35 PSF

NO.	REVISION	DESCRIPTION	BY	DATE

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

MANUFACTURER

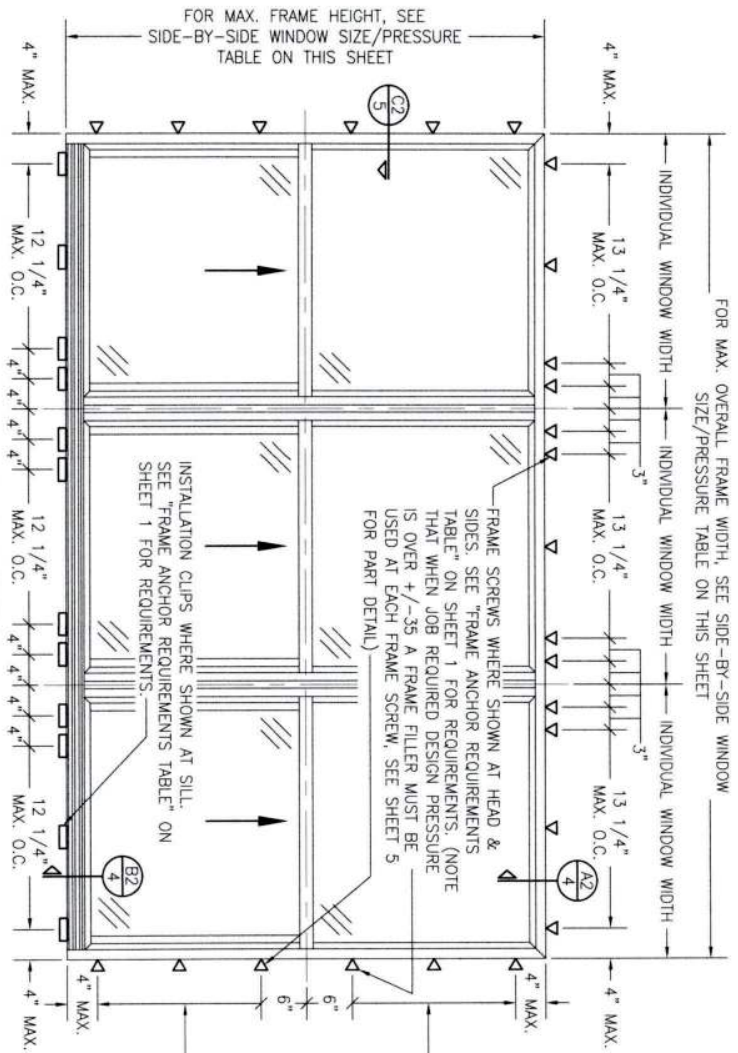


DRAWING TITLE
250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
26378 NADIR ROAD; UNIT 309
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1867
REV. C
SHEET NO. 2 OF 5



**EXTERIOR ELEVATION:
SIDE-BY-SIDE WINDOW**

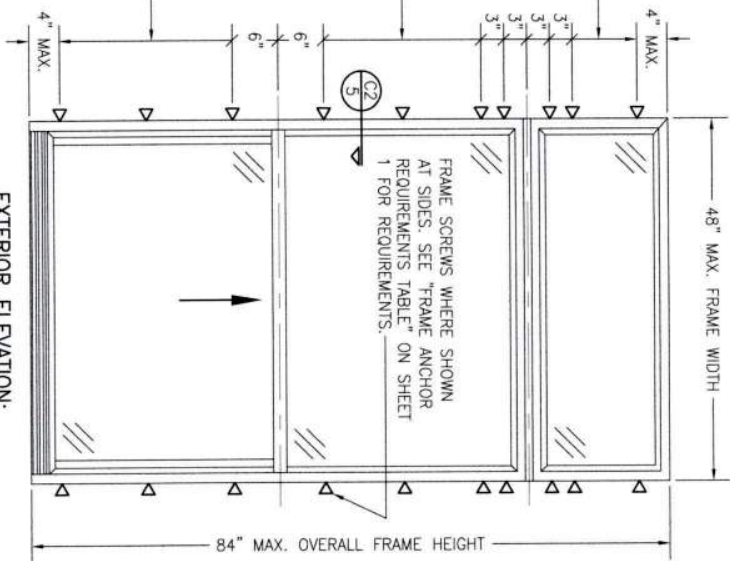
SCALE: 3/4" = 1'-0"

(FRAME SCREW AND CLIP MOUNT CONDITION)

ALLOWABLE SIDE-BY-SIDE WINDOW SIZE/PRESSURE TABLE		
MAXIMUM OVERALL FRAME WIDTH DIMENSION (IN.)	MAXIMUM FRAME HEIGHT DIMENSION (IN.)	ALLOWABLE PRESSURE (+/- PSF)
TRIPLE WINDOW		
109	63	35
109	72	30
DOUBLE WINDOW		
96	72	35
72	65 1/2	50

SIDE JAMB ANCHOR SPACING TABLE		
MAXIMUM INDIVIDUAL WINDOW WIDTH (IN.)	MAXIMUM O.C. SPACING (IN.)	
48	13	
36	17	

PRESSURES & CONDITIONS SHOWN IN THIS DRAWING ARE GOVERNED BY INSTALLATION REQUIREMENTS ONLY. THE GOVERNING CONDITIONS ON ANY SPECIFIC PRODUCT SHALL BE THE LESSER OF THOSE SPECIFIED IN THE PRODUCTS STATE APPROVAL OR THAT SHOWN IN THESE DRAWINGS.



**EXTERIOR ELEVATION:
SINGLE WINDOW WITH TRANSOM**

SCALE: 3/4" = 1'-0"

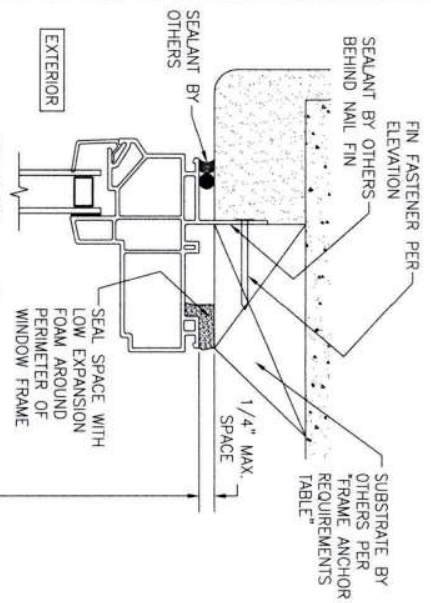
(FRAME SCREW MOUNT CONDITION)

ALLOWABLE DESIGN PRESSURE (TRANSOM UNITS ONLY)
+/-35 PSF

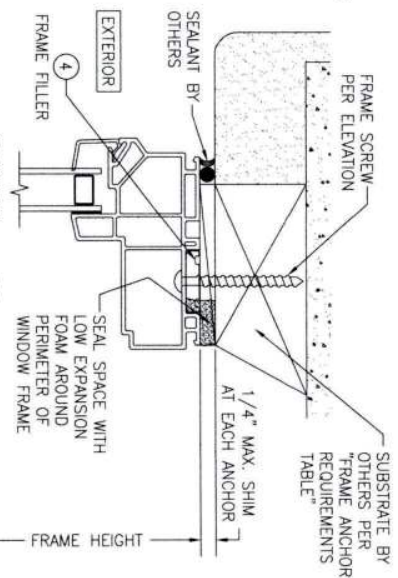
DRAWN BY:		CHECKED BY:		
W.B.M.		W.B.M.		
DATE:		DATE:		
02/05/14		02/05/14		
NO.	REVISION	DESCRIPTION	BY	DATE

DRAWING TITLE	
250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	PELLA CORPORATION
26376 NADIR ROAD, UNIT 509 PUNTA GORDA, FL 33983 PHONE: 561-744-3424	102 MAIN STREET PELLA, IA 50219 641-621-1000

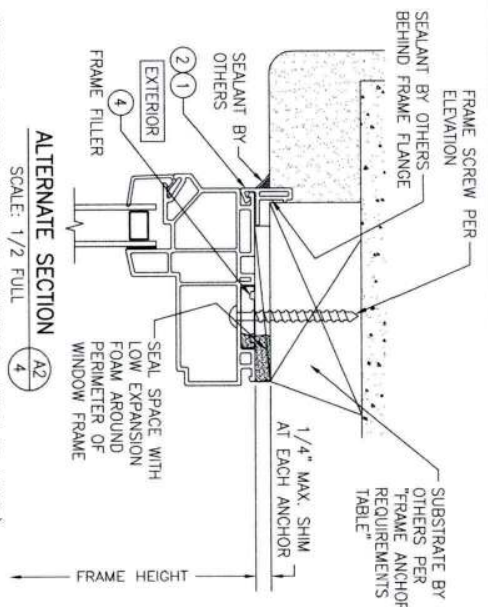
CERTIFICATION	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. / REV.	SHEET NO.
1867 / C	3 OF 5



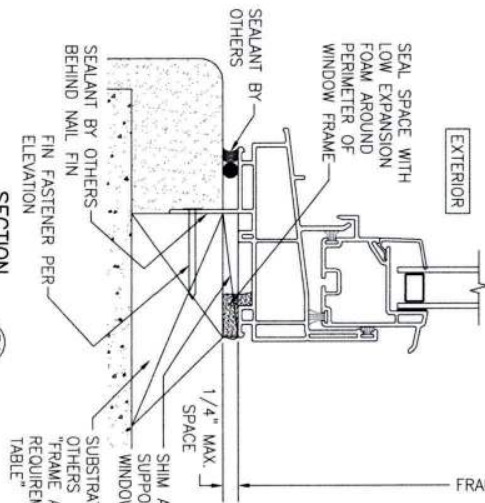
SECTION A1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



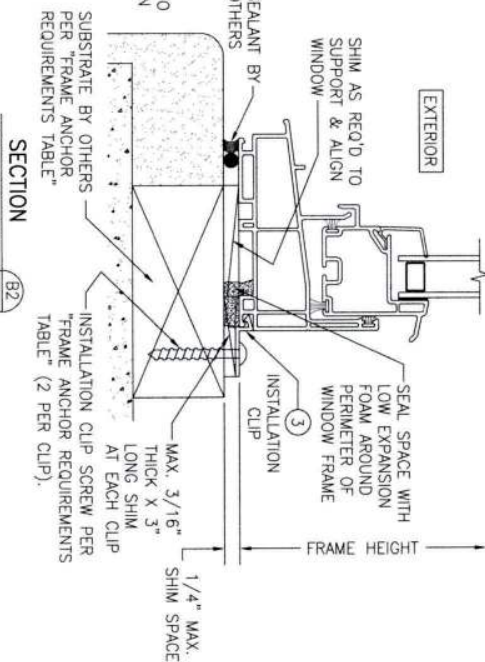
SECTION A2
SCALE: 3/4 FULL
(FRAME SCREW MOUNT CONDITION)



ALTERNATE SECTION A2
SCALE: 1/2 FULL
(FRAME SCREW MOUNT CONDITION WITH FLANGE)

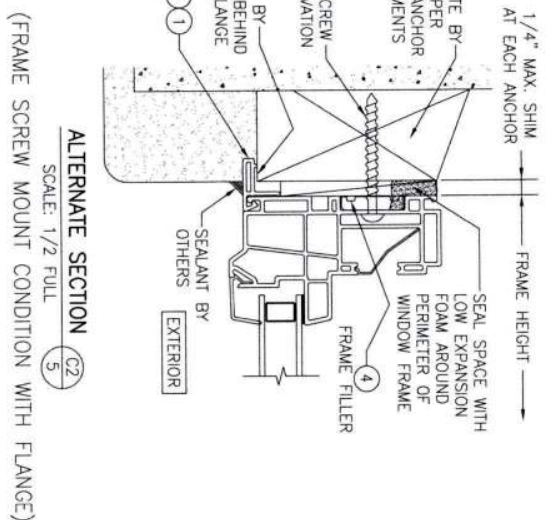


SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)

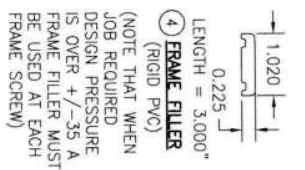


SECTION B2
SCALE: 3/4 FULL
(INSTALLATION CLIP MOUNT CONDITION)

DRAWING NO. 1867		SHEET NO. 4 OF 5		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW		NO. REVISION DESCRIPTION BY DATE					DRAWN BY: [blank] DATE: 02/26/14 CHECKED BY: [blank] DATE: [blank] P.E. NO. 44135	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135								



(HEAD SECTION SHOWN; SIDES ARE INSTALLED THE SAME)
(DIRECT MOUNT CONDITION IS NOT APPLICABLE AT SILL)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



NO.	REVISION DESCRIPTION	BY	DATE	PREPARED BY W.B.M.	CHECKED BY W.B.S.
				PLOT 1-2	DATE 02/05/14

IMPACT WINDOW

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

DRAWING TITLE
250 SERIES VINYL SIN

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.**
26376 NADIR ROAD; UNIT 309
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.	REV.
1867	C
SHEET NO.	
5	OF 5

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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Product Approval
USER: Public User

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Search Criteria

[Refine Search](#)

Code Version	2023	FL#	16811.3
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL16811-R7 History	Revision	Pella Corporation FL#: FL16811.3 Model: 250 Series Fixed Window Description: 60" x 60" vinyl non-impact single window Category: Windows Subcategory: Fixed	T.E. Lunn, PE, LLC (561) 625-6455	Approved *

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval Accepts:





Product Approval
USER: Public User

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

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FL #	FL16811-R7
Application Type	Revision
Code Version	2023
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
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Authorized Signature

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Quality Assurance Representative
Address/Phone/Email

Pat Bortscheller
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PJBortscheller@pella.com

Category
Subcategory

Windows
Fixed

Compliance Method

Certification Mark or Listing

Certification Agency
Validated By

Window and Door Manufacturer Association
T.E. Lunn, PE, LLC
☒ Validation Checklist - Hardcopy Received

Referenced Standard and Year (of Standard)

<u>Standard</u>	<u>Year</u>
AAMA/WDMA/CSA 101/I.S.2/A440-08	2008
AAMA/WDMA/CSA 101/I.S.2/A440-11	2011

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted	12/18/2023
Date Validated	12/20/2023
Date Pending FBC Approval	
Date Approved	12/26/2023

Summary of Products

FL #	Model, Number or Name	Description
16811.1	250 Series Fixed Window	108" x 60" vinyl non-impact single window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: Configurations of glass shall conform to the current ASTM E1300 standard and shall be safety glazed when required by FBC.		Certification Agency Certificate FL16811 R7 C CAC 411-H-1460.22-23.pdf Quality Assurance Contract Expiration Date 08/16/2024 Installation Instructions FL16811 R7 II Drawing 1866 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16811 R7 AE Drawing 1866 digitally sealed.pdf Created by Independent Third Party: Yes
16811.2	250 Series Fixed Window	72" x 72" vinyl non-impact single window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: Configurations of glass shall conform to the current ASTM E1300 standard and shall be safety glazed when required by FBC.		Certification Agency Certificate FL16811 R7 C CAC 411-H-1460.18-19-20-21.pdf Quality Assurance Contract Expiration Date 08/08/2024 Installation Instructions FL16811 R7 II Drawing 1866 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16811 R7 AE Drawing 1866 digitally sealed.pdf Created by Independent Third Party: Yes
16811.3	250 Series Fixed Window	60" x 60" vinyl non-impact single window
Limits of Use 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 and shall be safety glazed when required by FBC.		Certification Agency Certificate FL16811 R7 C CAC 411-H-1460.14-15-16-17.pdf Quality Assurance Contract Expiration Date 08/10/2024 Installation Instructions FL16811 R7 II Drawing 1866 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16811 R7 AE Drawing 1866 digitally sealed.pdf Created by Independent Third Party: Yes
16811.4	250 Series Fixed Window	96" x 72" vinyl non-impact multiple window system
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: Configurations of glass shall conform to the current ASTM E1300 standard and shall be safety glazed when required by FBC.		Certification Agency Certificate FL16811 R7 C CAC 411-H-1460.24-25-26-27.pdf Quality Assurance Contract Expiration Date 09/08/2024 Installation Instructions FL16811 R7 II Drawing 1866 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16811 R7 AE Drawing 1866 digitally sealed.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



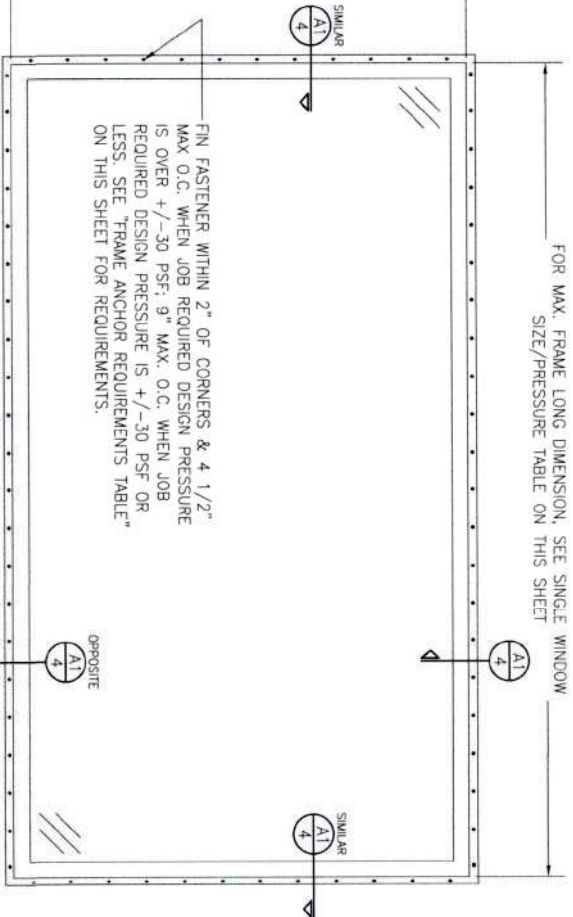
GENERAL NOTES:

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BLOCKING & BLOCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. THESE NON-IMPACT RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS THAT COME INTO CONTACT WITH OTHER DISMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISMILAR MATERIALS. INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISMILAR MATERIALS.
4. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION REGULATION SPECIFICATIONS. PRODUCT ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
5. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: 1) PRODUCT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. 2) PRODUCT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT. 3) IF CHANGES HAVE OCCURRED TO THE PRODUCT'S CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INACCURATE OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
6. THESE DRAWINGS SPECIFY THE FASTENERS SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
7. THESE DRAWINGS CERTIFY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(1) 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. 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"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
(1) INSTALLATION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 1/4"	1/2"
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"
2500 PSI CONCRETE	(2) 3/16" CONCRETE SCREW	1 1/4"	2"
(3) 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)	11 GA. 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"

FOR MAX. FRAME SHORT DIMENSION, SEE SINGLE WINDOW SIZE/PRESSURE TABLE ON THIS SHEET



THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT FOR WHICH THEY WERE NOT SPECIFICALLY DESIGNED. THE MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED BY THE INSTALLER ON THESE DRAWINGS.

ALLOWABLE SINGLE WINDOW SIZE/PRESSURE TABLE

MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (+/- PSF)
108	60	30
72	72	30
60	60	50

EXTERIOR ELEVATION:
SINGLE WINDOW
SCALE: 3/4" = 1'-0"
(NAIL FIN MOUNT CONDITION)

1. LONG DIMENSION MAY BE HORIZONTAL OR VERTICAL.
PRESSURES & CONDITIONS SHOWN IN THIS DRAWING ARE GOVERNED BY INSTALLATION REQUIREMENTS ONLY. THE GOVERNING CONDITIONS ON ANY SPECIFIC PRODUCT SHALL BE THE LESSER OF THOSE SPECIFIED IN THE PRODUCTS STATE APPROVAL OR THAT SHOWN IN THESE DRAWINGS.

ANCHOR/SUBSTRATE EVALUATION NOTE

ALL ANCHOR/SUBSTRATE EVALUATIONS SHALL BE ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARDS AND ARE FOUND TO BE CAPABLE OF SUPPORTING ALL LOADS IMPOSED ON THEM UNDER THE GUIDELINES OF THIS DOCUMENT. ANY SUBSTRATES OR CONDITIONS OUTSIDE OF WHAT IS SHOWN HERE-IN SHALL BE SUBJECT TO JOB SPECIFIC ENGINEER'S REVIEW & CERTIFICATION.

INSTALLATION NOTE

WHEN NECESSARY, INSTALLATION METHODS MAY BE MIXED WITH ANY ONE WINDOW SUCH THAT INDIVIDUAL SIDES OF THE WINDOW MAY USE ONE OR THE OTHER ANCHOR METHOD (EXAMPLE: HEAD MAY USE FRIDGE SCREWS METHOD WHILE OTHER SIDES USE FIN).



Digitally signed
by Warren W
Schaefer
Date: 2023.03.09
09:31:27 -05'00'

DRAWING NO. 1866 SHEET NO. 1 OF 4		DRAWING TITLE 250 SERIES VINYL FIXED DIRECT GLAZED NON-IMPACT WINDOW		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 MADR ROAD, UNIT 309 PUNTA GORDA, FL 33963 PHONE: 561-744-3424		MANUFACTURER Pella Corporation 102 MAIN STREET PELLA, IA 50219 641-621-1000		CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
REVISION		BY		DATE		CHECKED BY		DATE	
1. UPDATE TO CURRENT STANDARDS		WWS		03/09/23		DATE		03/09/23	



SCALE: 3/4" = 1'-0"

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING TITLE

250 SERIES VINYL FIXED DIRECT GLAZED NON-IMPACT WINDOW

CONSULTANTS

**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.**
26376 NADIR ROAD; UNIT 309
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

MANUFACTURER



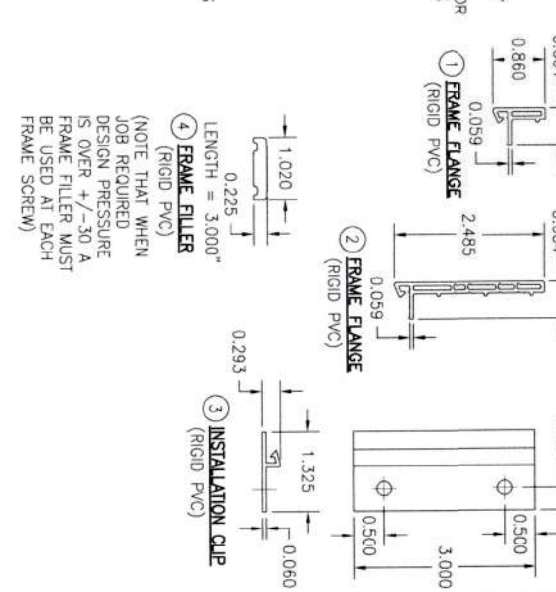
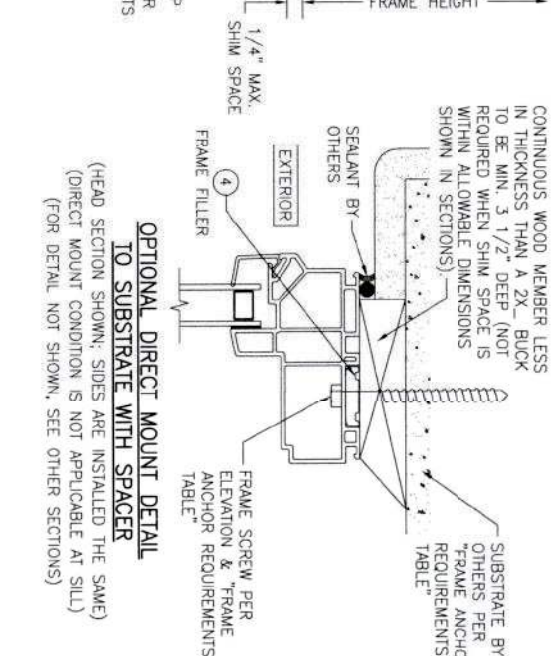
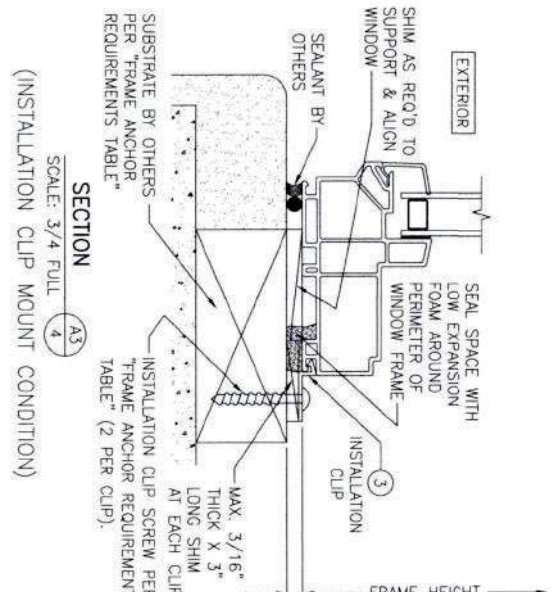
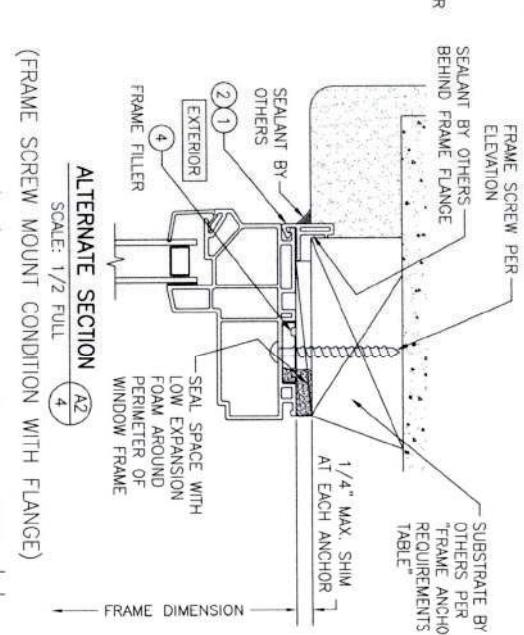
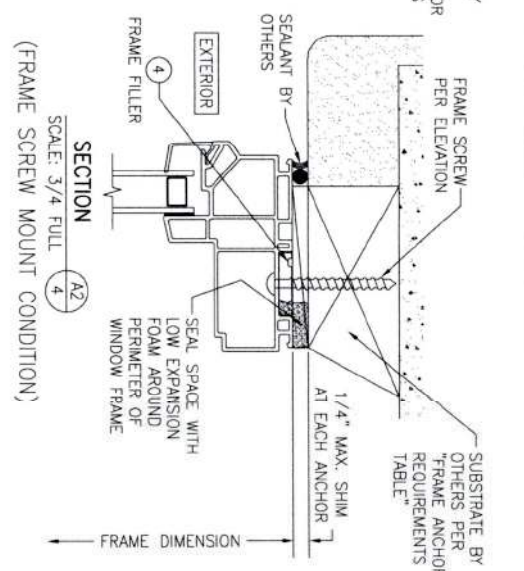
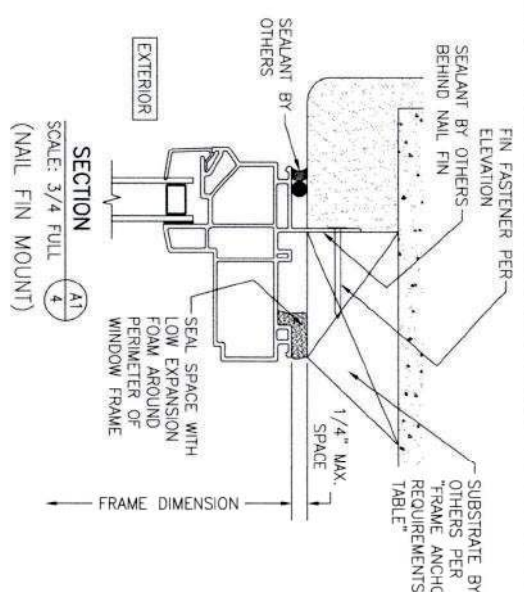
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

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DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 02/04/14

DRAWING NO.	REV
1866	A
SHEET NO.	
2	OF 4

DRAWING NO. 1866	SHEET NO. 3 OF 4	REV. A	WARREN W. SCHAEFER, P.E.	DRAWING TITLE 250 SERIES VINYL FIXED DIRECT GLAZED NON-IMPACT WINDOW		NO.		REVISION DESCRIPTION		BY	DATE	ROUTED TO 1-15	DATE 1-15	CHECKED BY M.S.	DATE 1-15
				CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD; UNIT 309 PLUMTA GORDA, FL 33685 PHONE: 561-744-3424		MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000									



DRAWING NO. 1866		SHEET NO. 4 OF 4	
DRAWING TITLE 250 SERIES VINYL FIXED DIRECT GLAZED NON-IMPACT WINDOW		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		CHECKED BY DATE BY DATE	
CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135		NO. REVISION DESCRIPTION	