



COLUMBIA COUNTY PRODUCT APPROVAL SPECIFICATION SHEET

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 at 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 16812.5
B. HORIZONTAL SLIDER	Pella	Sliding Window	16809.10
C. CASEMENT			
D. FIXED			
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-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
A. 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 manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

2/28/2024

APPLICANT SIGNATURE

DATE



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.

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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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 INTO EXISTING STRUCTURE. PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
3. 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.
4. 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.
5. 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.
6. MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS SHALL BE SUBMITTED WITH THE FOLLOWING APPLICATION: 1) PRODUCT IS INSTALLED WITHOUT BUILDING PERMISSION FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT 2) PRODUCT IS INSTALLED BY ANOTHER OTHER THAN LICENSED CONTRACTOR PREVIOUSLY CERTIFIED WITH INSTALLATION ENTRY'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 PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
8. 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.

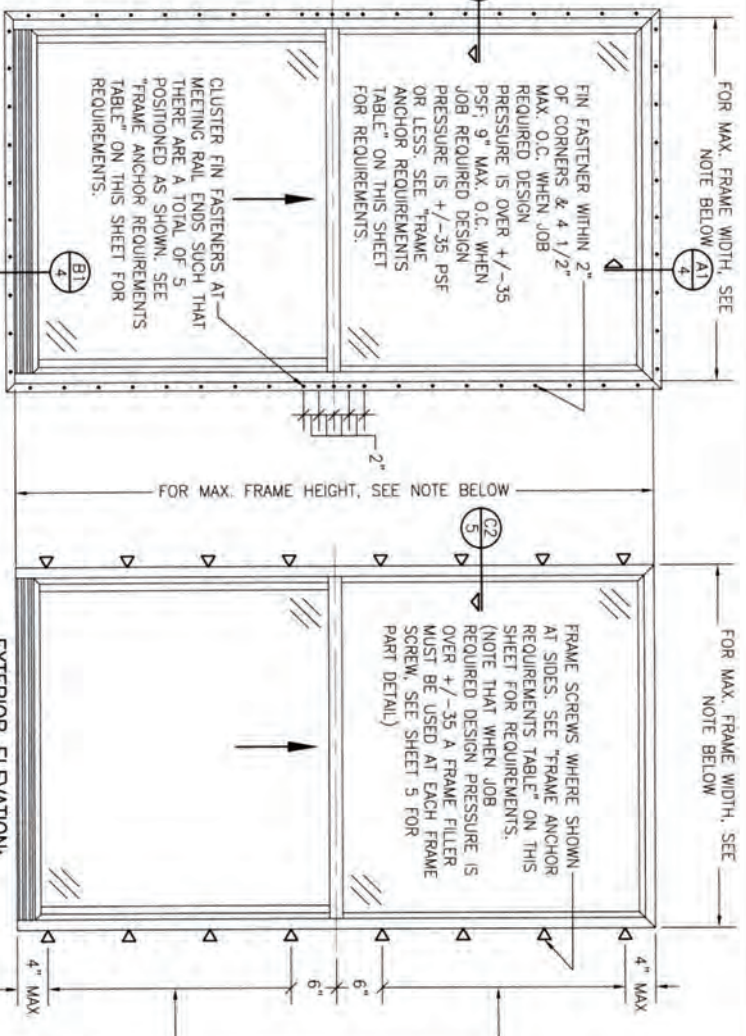
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR EMBEDS AND/OR INFORMATION & RESULTS FROM FIELD TESTS. THE EVALUATION REPORTS THE FLOORING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THE REFERENCED PRODUCT, PRIOR TO SAVING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL COOPERATE WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HEREIN ARE CONFORMANT WITH THE THEN CURRENT TESTING CODE AND APPLICABLE STANDARDS.

INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE VARY 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 WAFFLE HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.



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

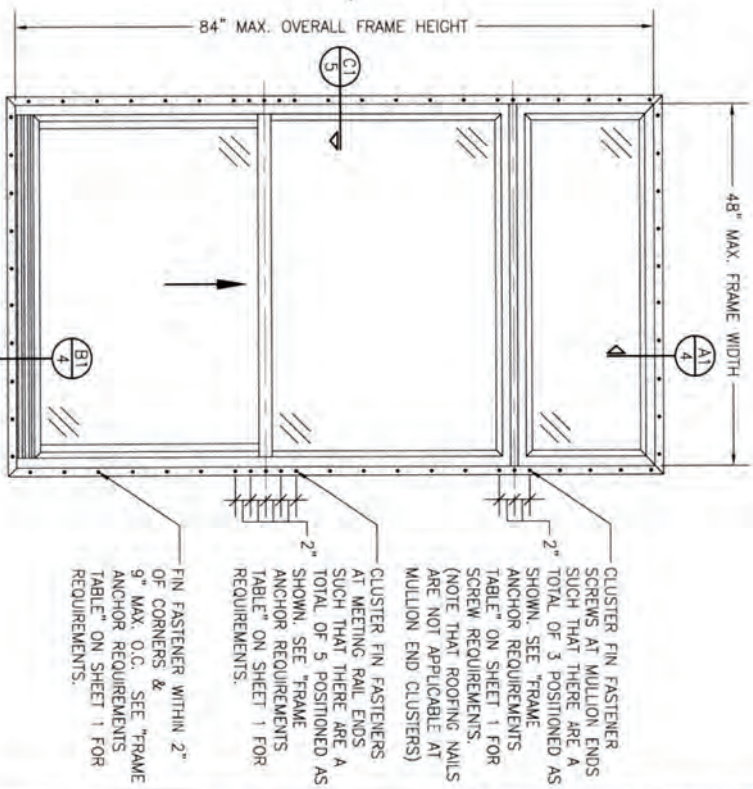
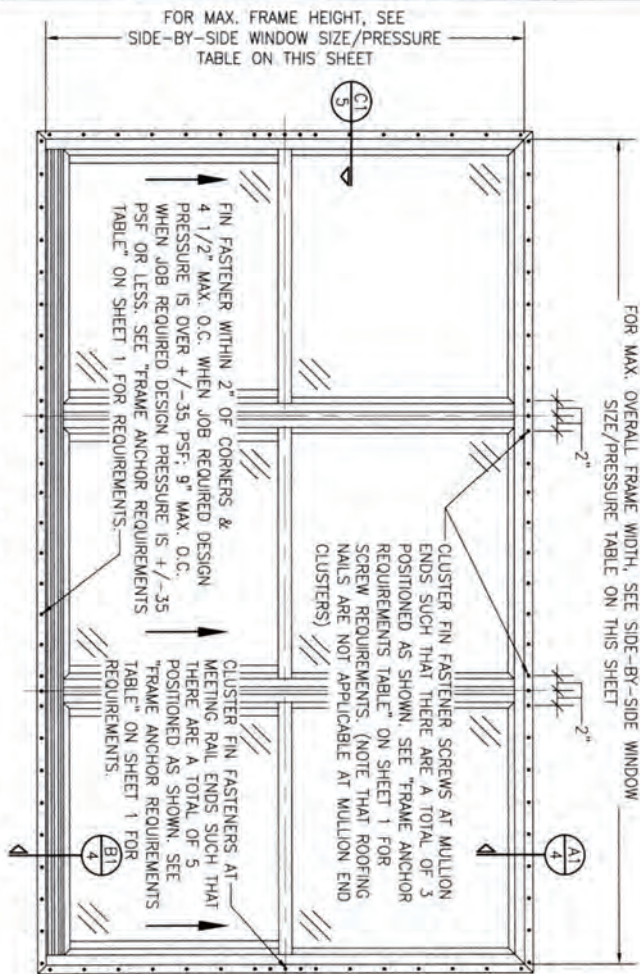
EXTERIOR ELEVATION: SINGLE WINDOW
SCALE: 3/4" = 1'-0"
(FRAME SCREW MOUNT CONDITION)

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

ANCHOR/SUBSTRATE EVALUATION NOTE:
ALL ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN 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 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 THEY BE USED FOR PATENT, AND/OR LOOK APPROVAL, OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWING NO. 1867		SHEET NO. 1 OF 5																									
DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000																									
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																									
<table border="1"> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td>A1</td> <td>UPDATE FOR NEW TESTING</td> <td></td> <td>W.W.S.</td> <td>03/06/16</td> </tr> <tr> <td>B1</td> <td>ADDED 109 X 72 WINDOW</td> <td></td> <td>W.W.S.</td> <td>11/02/20</td> </tr> <tr> <td>C1</td> <td>UPDATE TO CURRENT STANDARDS</td> <td></td> <td>W.W.S.</td> <td>03/09/23</td> </tr> </table>		NO.	REVISION	DESCRIPTION	BY	DATE	A1	UPDATE FOR NEW TESTING		W.W.S.	03/06/16	B1	ADDED 109 X 72 WINDOW		W.W.S.	11/02/20	C1	UPDATE TO CURRENT STANDARDS		W.W.S.	03/09/23	<table border="1"> <tr> <th>DATE</th> <th>CHECKED BY</th> </tr> <tr> <td>02/06/14</td> <td>W.W.S.</td> </tr> </table>		DATE	CHECKED BY	02/06/14	W.W.S.
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DATE	CHECKED BY																										
02/06/14	W.W.S.																										



**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

CERTIFICATION

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

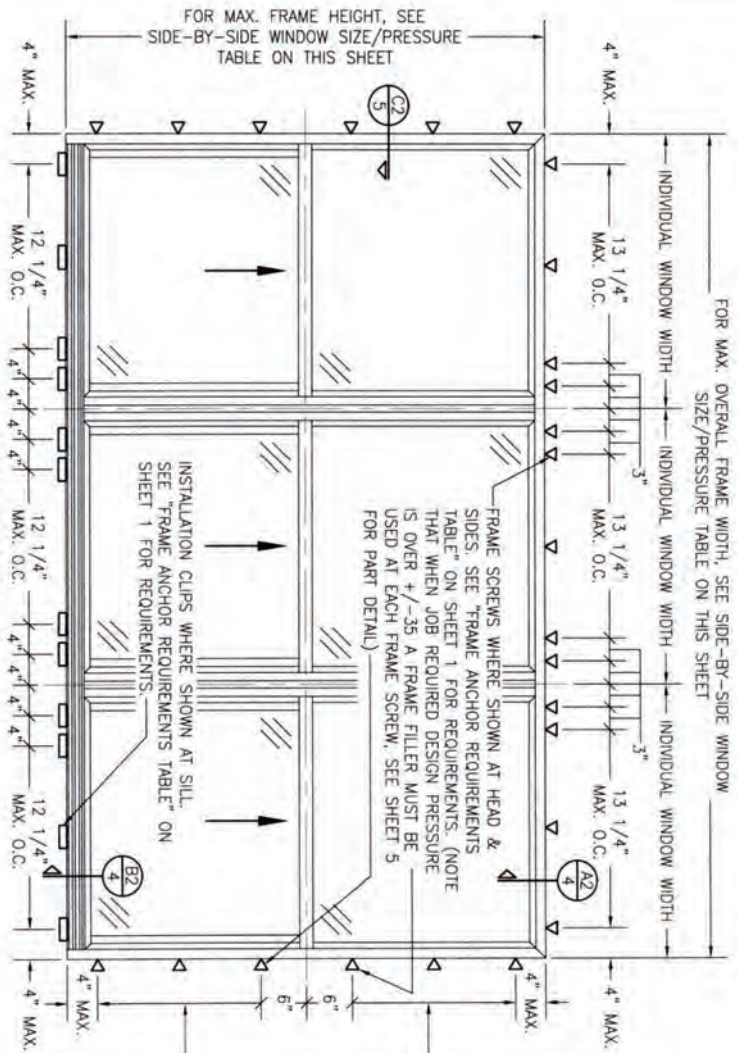
MANUFACTURER



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

NO.	REVISION	DESCRIPTION	BY	DATE
1	1	1867	C	11/18

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



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

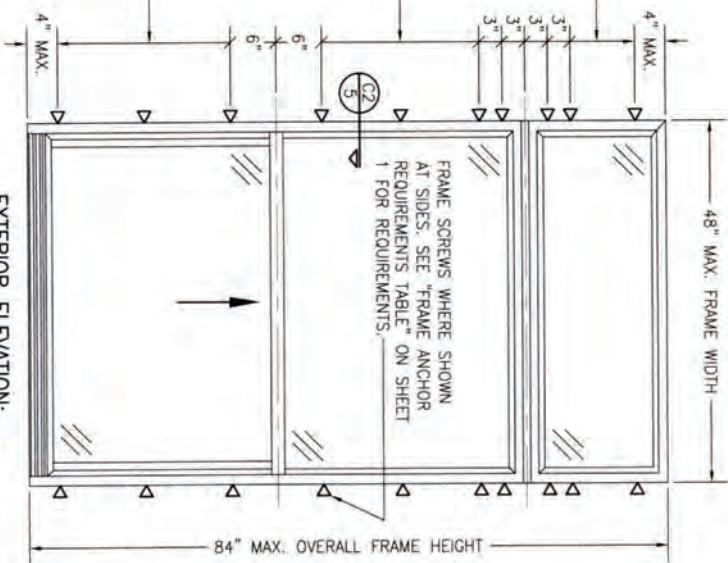
SCALE: 3/4" = 1'-0"

(FRAME SCREW AND CLIP MOUNT CONDITION)

ALLOWABLE SIDE-BY-SIDE WINDOW SIZE/PRESSURE TABLE		
MAXIMUM OVERALL FRAME HEIGHT DIMENSION (IN.)	MAXIMUM FRAME PRESSURE (+/- PSF)	ALLOWABLE WINDOW SIZE/PRESSURE
109	6.3	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.)	MAXIMUM JAMB ANCHOR SPACING (IN.)
48	13	17
36		

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.




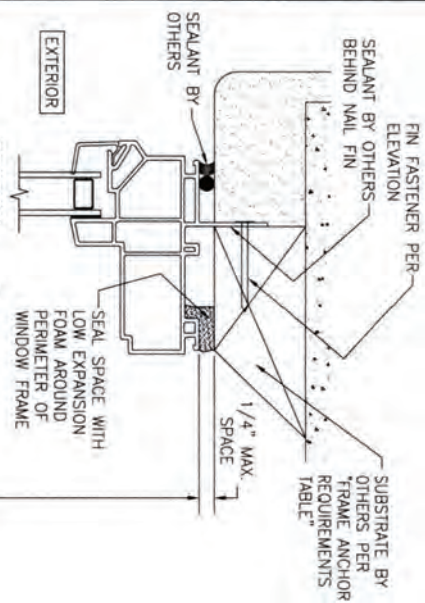
**EXTERIOR ELEVATION:
SINGLE WINDOW WITH TRANSOM**

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

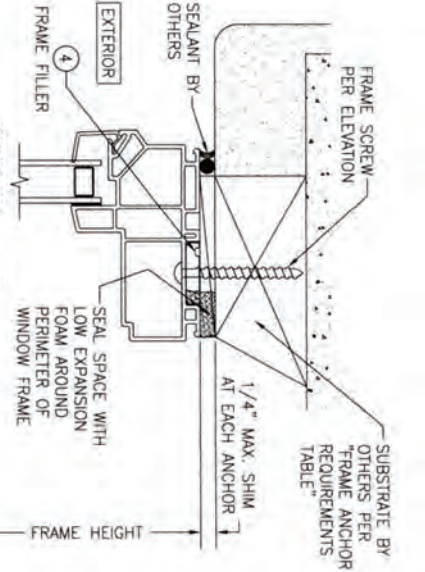
(FRAME SCREW MOUNT CONDITION)

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

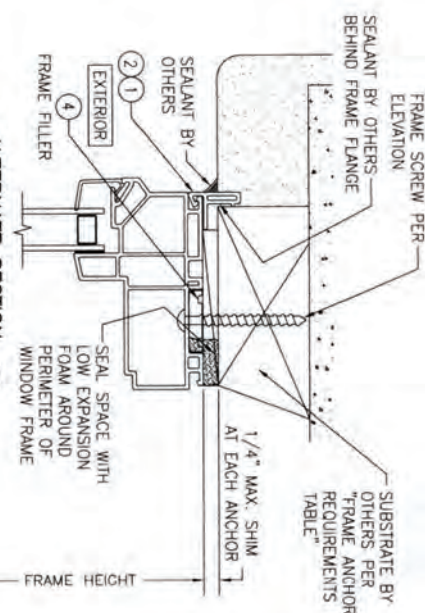
DRAWING NO. 1867 SHEET NO. 3 OF 5		CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	REVISION	DESCRIPTION	BY	DATE																										DRAWN BY: M.B.M. CHECKED BY: M.B.M. DATE: 02/20/14	
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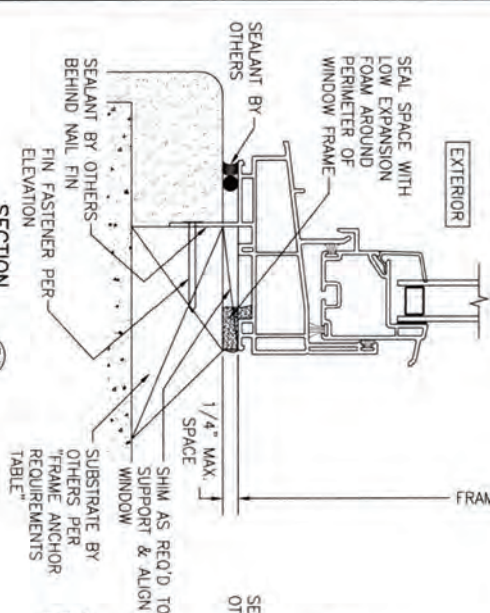
SECTION A1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



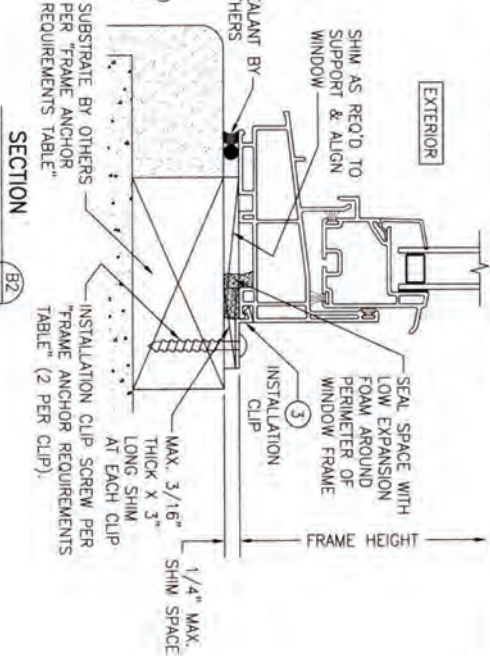
SECTION A2
SCALE: 3/4 FULL
(FRAME SCREW MOUNT CONDITION)



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

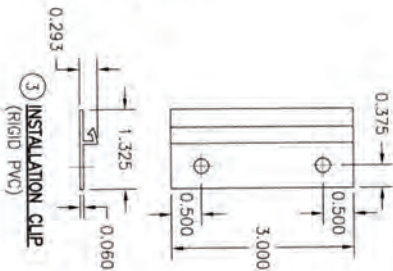
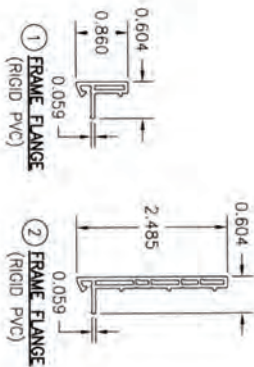
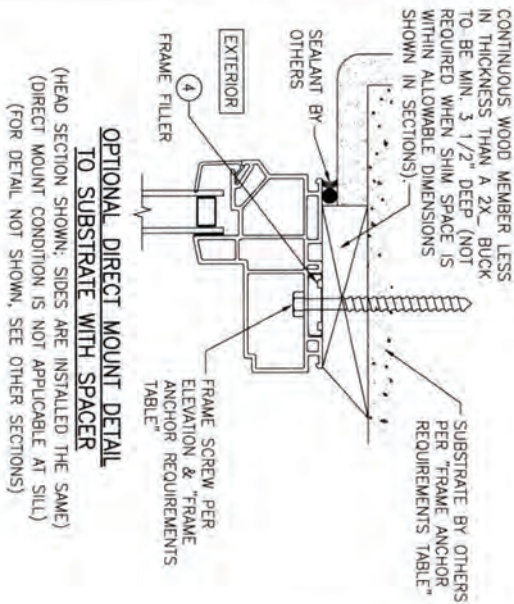
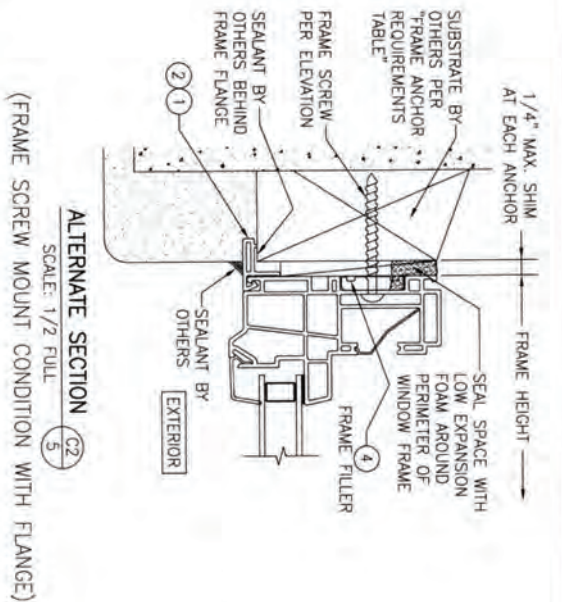
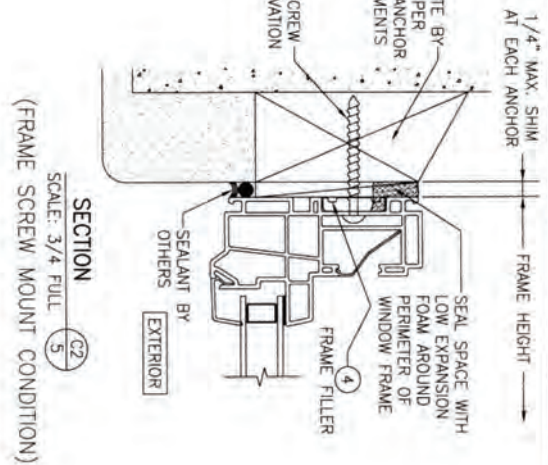
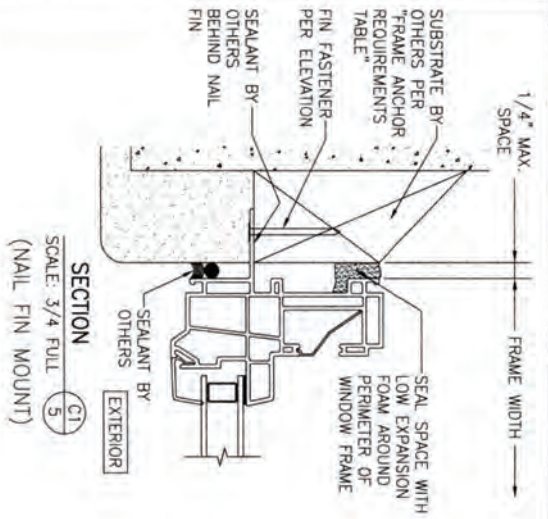



SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



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

DRAWING NO. 1867 SHEET NO. 4 OF 5		CERTIFICATION 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 CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				NO.	REVISION	DESCRIPTION	BY	DATE																				
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DRAWN BY: W.W.S. CHECKED BY: W.W.S. DATE: 06/26/14	<table> <tr> <th>NO.</th><th>REVISION</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	REVISION	DESCRIPTION	BY	DATE																					MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	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	CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135 DRAWING NO. 1867 SHEET NO. 5 OF 5
NO.	REVISION	DESCRIPTION	BY	DATE																									


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Product Approval
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Search Criteria
[Refine Search](#)

Code Version	2023	FL#	16812.5
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#: FL16812.5 Model: 250 Series Single Hung Window Description: 72 1/2" x 63" vinyl non-impact double 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:



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FL #	FL16812-R9								
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	<input type="checkbox"/>								
Product Manufacturer	Pella Corporation								
Address/Phone/Email	102 Main St. Pella, IA 50219 (641) 621-6096 pellaproductapproval@pella.com								
Authorized Signature	TROY FARR tbfarr@pella.com								
Technical Representative	TROY FARR								
Address/Phone/Email	18600 NE WILKES ROAD PORTLAND, OR 97230 (503) 405-9176 tbfarr@pella.com								
Quality Assurance Representative	Pat Bortscheller								
Address/Phone/Email	102 Main Street Pella, IA 50219 (641) 621-1000 PJBortscheller@pella.com								
Category	Windows								
Subcategory	Single Hung								
Compliance Method	Certification Mark or Listing								
Certification Agency	Window and Door Manufacturer Association								
Validated By	T.E. Lunn, PE, LLC								
	<input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-08</td><td>2008</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-11</td><td>2011</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-17</td><td>2017</td></tr> </tbody> </table>	<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	AAMA/WDMA/CSA 101/I.S.2/A440-17	2017
<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								
AAMA/WDMA/CSA 101/I.S.2/A440-17	2017								
Equivalence of Product Standards									
Certified By									

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 INTO FOUNDATION. FASTENING PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
3. 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.
4. 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.
5. 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.
6. MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS SHALL BE SUBMITTED WITH THE FOLLOWING APPLICATION: 1) PRODUCT IS INSTALLED WITHOUT BUILDING PERMISSION FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT 2) PRODUCT IS INSTALLED BY ANOTHER OTHER THAN LICENSED CONTRACTOR PREVIOUSLY CERTIFIED WITH INSTALLATION ENTRY'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 PRODUCT'S CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
8. 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.

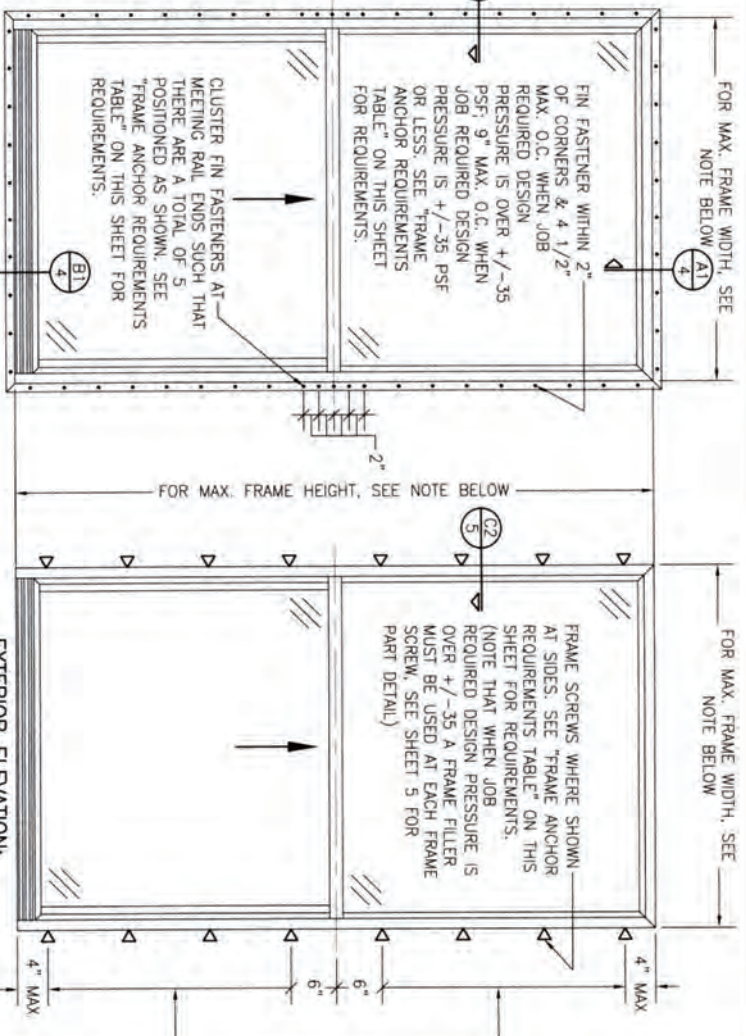
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR EVALUATION AND/OR INFORMATION & RESULTS FROM FIELD TESTS. THE EVALUATION REPORTS THE FLOORING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THE REFERENCED PRODUCT, PRIOR TO SAVING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL COOPERATE WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HEREIN ARE CONFORMANT WITH THE THEN CURRENT TESTING CODE AND APPLICABLE STANDARDS.

INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE VARY 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)

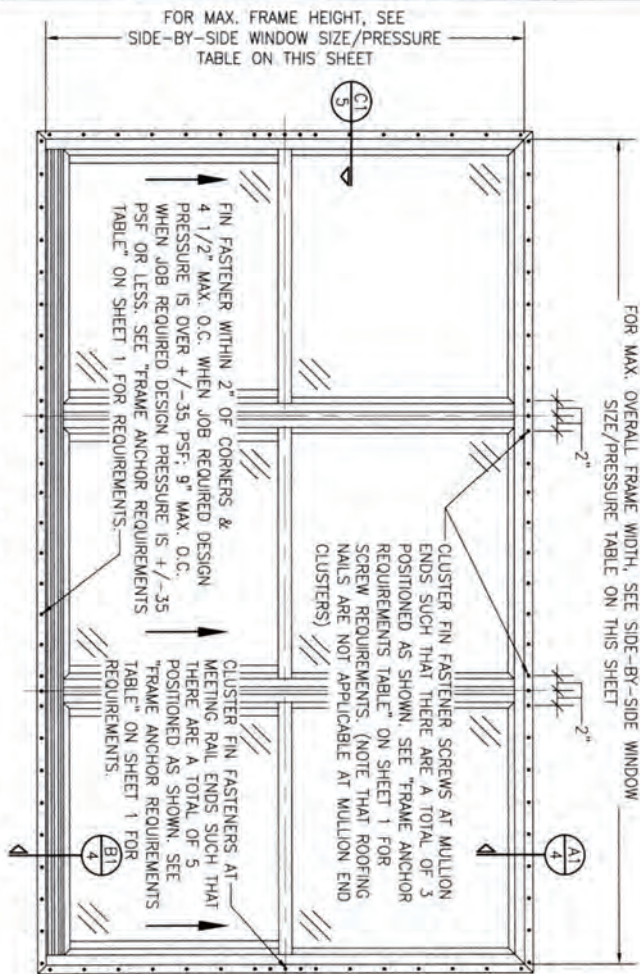
EXTERIOR ELEVATION: SINGLE WINDOW
SCALE: 3/4" = 1'-0"
(FRAME SCREW MOUNT CONDITION)

SIDE JAMB ANCHOR SPACING TABLE			
MAXIMUM FRAME WIDTH (IN.)	MAXIMUM O.C. SPACING (IN.)	MAXIMUM FRAME WIDTH (IN.)	MAXIMUM O.C. SPACING (IN.)
54	12	54	12
48	13	48	13
36	17	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 THEY BE USED FOR PATENT, AND/OR LOOK APPROVAL, OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

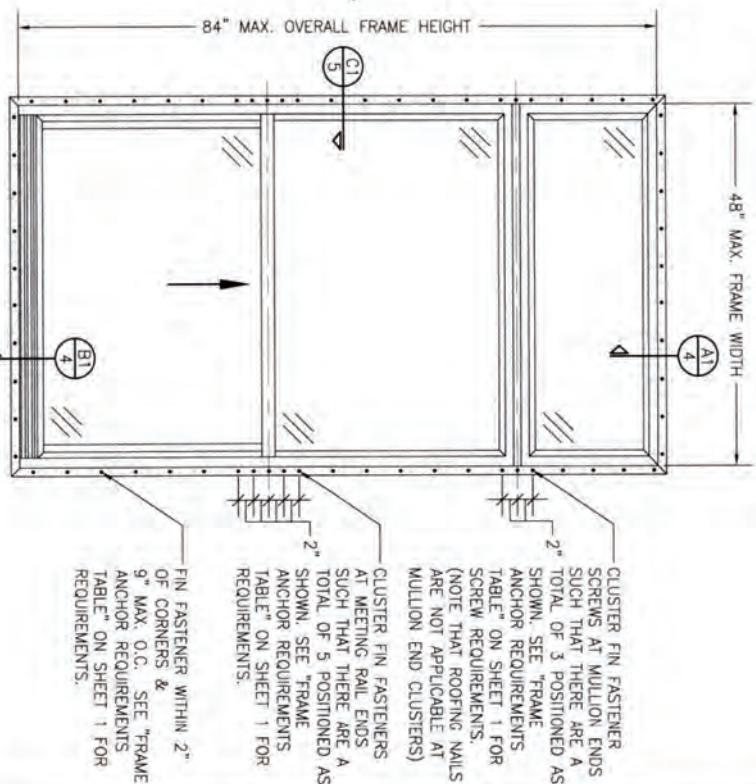
DRAWING NO. 1867		SHEET NO. 1 OF 5	
CERTIFICATION		DRAWING TITLE	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135		250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW	
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26378 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
REVISION		DATE	
A1	UPDATE FOR NEW TESTING	W.W.S.	03/06/16
B1	ADDED 109 X 72 WINDOW	W.W.S.	11/02/20
C1	UPDATE TO CURRENT STANDARDS	W.W.S.	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
1	1	1867	C	11/18

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

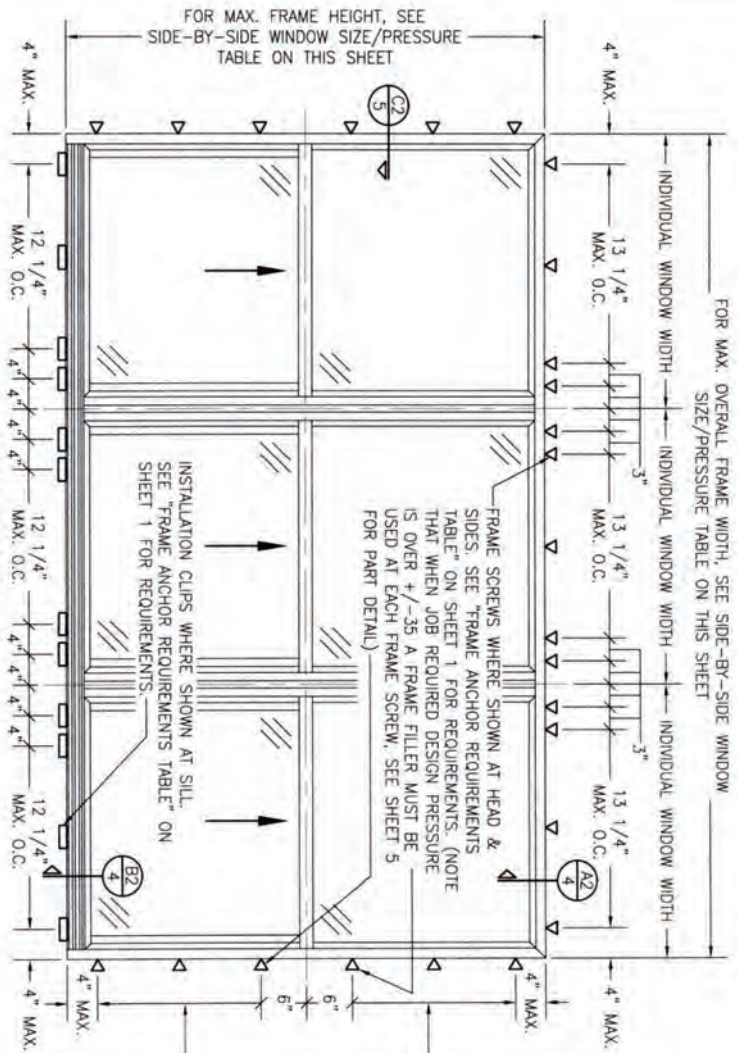
DRAWING TITLE
250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW

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

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**

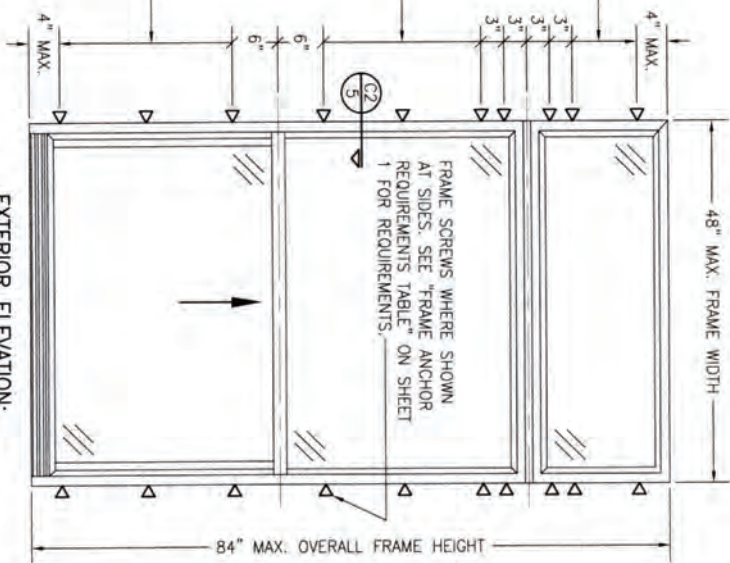
SCALE: 3/4" = 1'-0"

(FRAME SCREW AND CLIP MOUNT CONDITION)

ALLOWABLE SIDE-BY-SIDE WINDOW SIZE/PRESSURE TABLE		
MAXIMUM OVERALL FRAME HEIGHT DIMENSION (IN.)	MAXIMUM FRAME PRESSURE (+/- PSF)	ALLOWABLE WINDOW SIZE/PRESSURE
109	6.3	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.)	MAXIMUM JAMB ANCHOR SPACING (IN.)
48	13	17
36		

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.




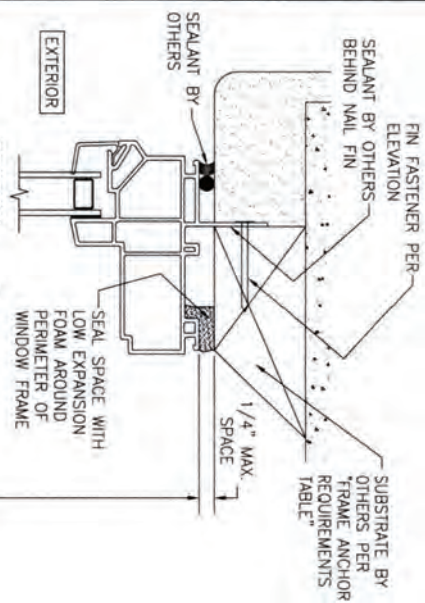
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SINGLE WINDOW WITH TRANSOM**

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

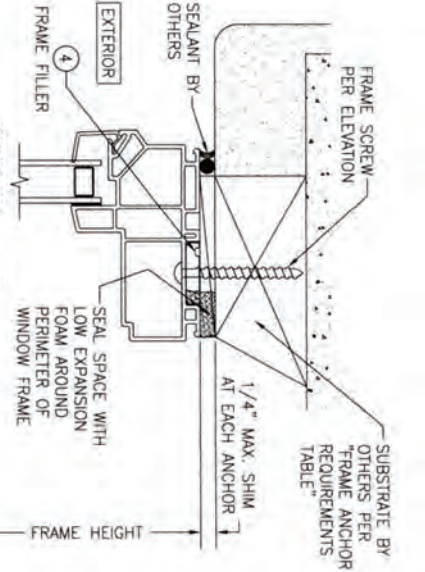
(FRAME SCREW MOUNT CONDITION)

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

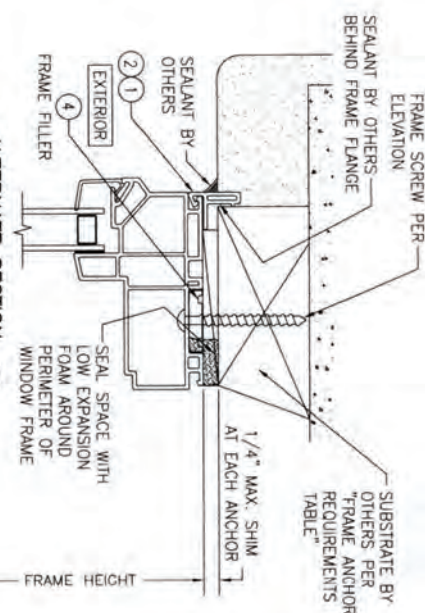
CERTIFICATION DRAWING NO. 1867 SHEET NO. 3 OF 5 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				NO.	REVISION	DESCRIPTION	BY	DATE																										DRAWN BY: RLB CHECKED BY: RLB DATE: 02/20/14 SCALE: 3/4" = 1'-0"
NO.	REVISION	DESCRIPTION	BY	DATE																																				



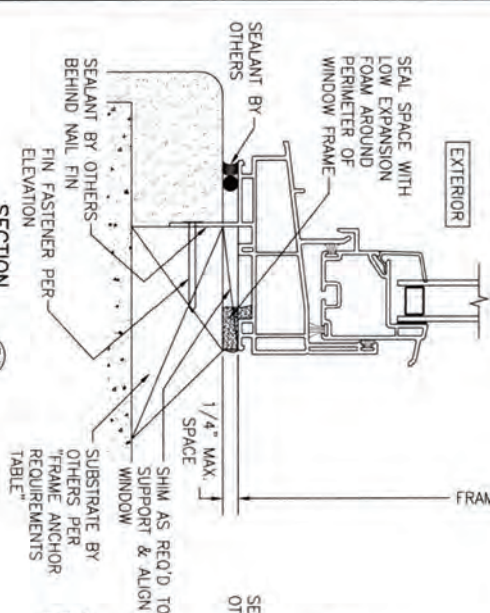
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SCALE: 3/4 FULL
(NAIL FIN MOUNT)



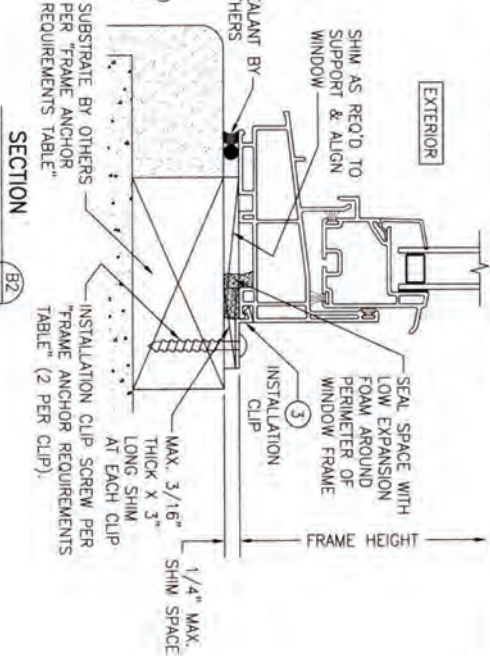
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SCALE: 3/4 FULL
(FRAME SCREW MOUNT CONDITION)



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

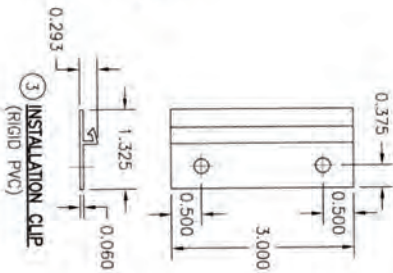
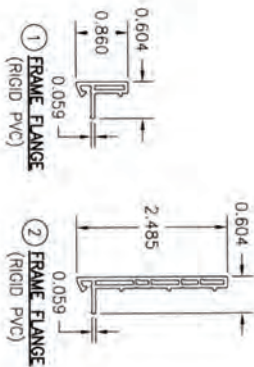
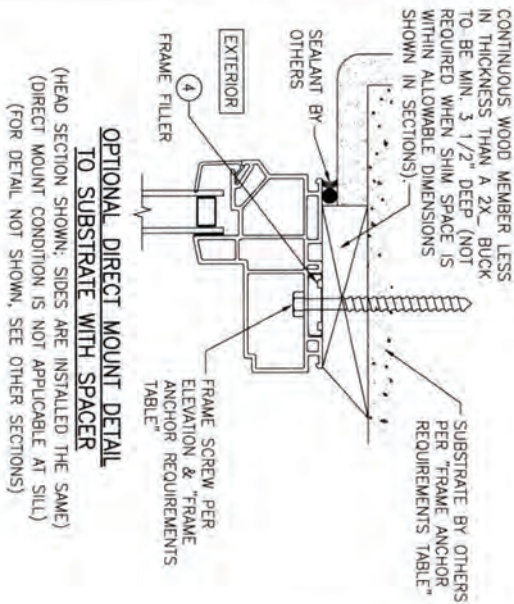
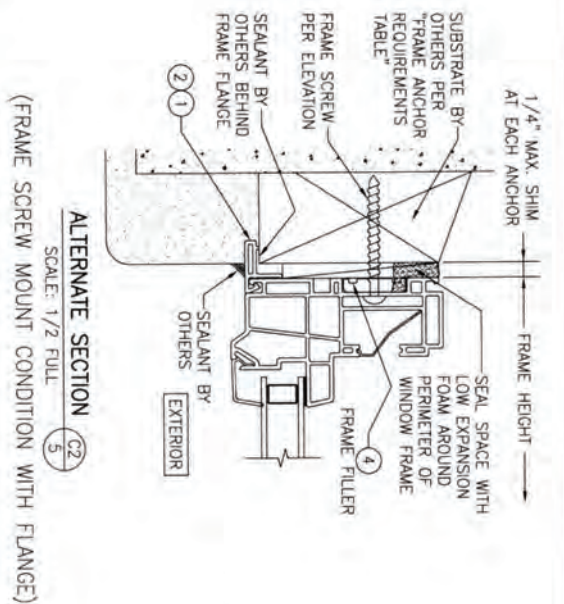
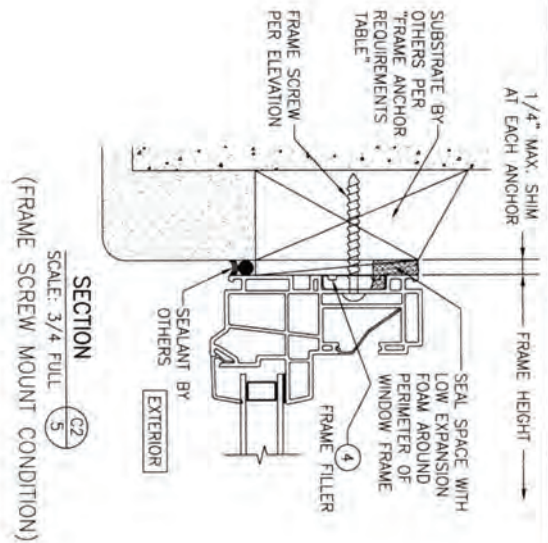
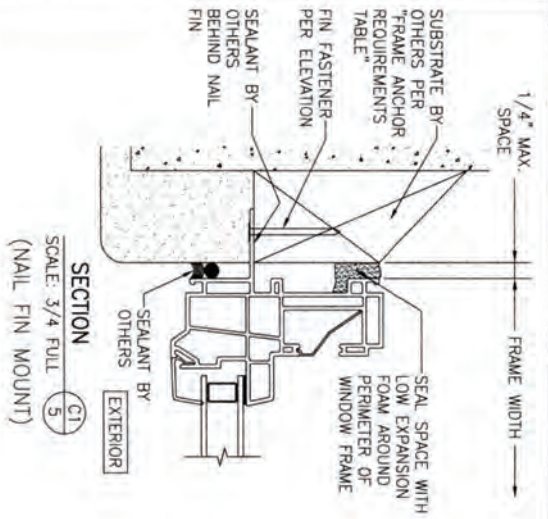



SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



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

DRAWING NO. 1867 SHEET NO. 4 OF 5		CERTIFICATION 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 CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				NO.	REVISION	DESCRIPTION	BY	DATE																				
NO.	REVISION	DESCRIPTION	BY	DATE																																		



DRAWN BY: W.W.S. CHECKED BY: W.W.S. DATE: 06/26/14	<table> <tr> <th>NO.</th><th>REVISION</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	REVISION	DESCRIPTION	BY	DATE																					MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	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	CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135 DRAWING NO.: 1867 SHEET NO.: 5 OF 5
NO.	REVISION	DESCRIPTION	BY	DATE																									


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Search Criteria
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Code Version	2023	FL#	16812.5
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#: FL16812.5 Model: 250 Series Single Hung Window Description: 72 1/2" x 63" vinyl non-impact double 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.

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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FL #	FL16812-R9								
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	<input type="checkbox"/>								
Product Manufacturer	Pella Corporation								
Address/Phone/Email	102 Main St. Pella, IA 50219 (641) 621-6096 pellaproductapproval@pella.com								
Authorized Signature	TROY FARR tbfarr@pella.com								
Technical Representative	TROY FARR								
Address/Phone/Email	18600 NE WILKES ROAD PORTLAND, OR 97230 (503) 405-9176 tbfarr@pella.com								
Quality Assurance Representative	Pat Bortscheller								
Address/Phone/Email	102 Main Street Pella, IA 50219 (641) 621-1000 PJBortscheller@pella.com								
Category	Windows								
Subcategory	Single Hung								
Compliance Method	Certification Mark or Listing								
Certification Agency	Window and Door Manufacturer Association								
Validated By	T.E. Lunn, PE, LLC								
	<input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-08</td><td>2008</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-11</td><td>2011</td></tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440-17</td><td>2017</td></tr> </tbody> </table>	<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	AAMA/WDMA/CSA 101/I.S.2/A440-17	2017
<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								
AAMA/WDMA/CSA 101/I.S.2/A440-17	2017								
Equivalence of Product Standards									
Certified By									

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 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 SUBMITTED TO THE FOLLOWING AGENCIES: 1) PRODUCT IS INSTALLED WITHOUT BUILDING PERMISSION FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT 2) PRODUCT IS INSTALLED BY ANOTHER OTHER THAN LICENSED CONTRACTOR PREPARED WITH INSTALLATION ENTRY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR 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.

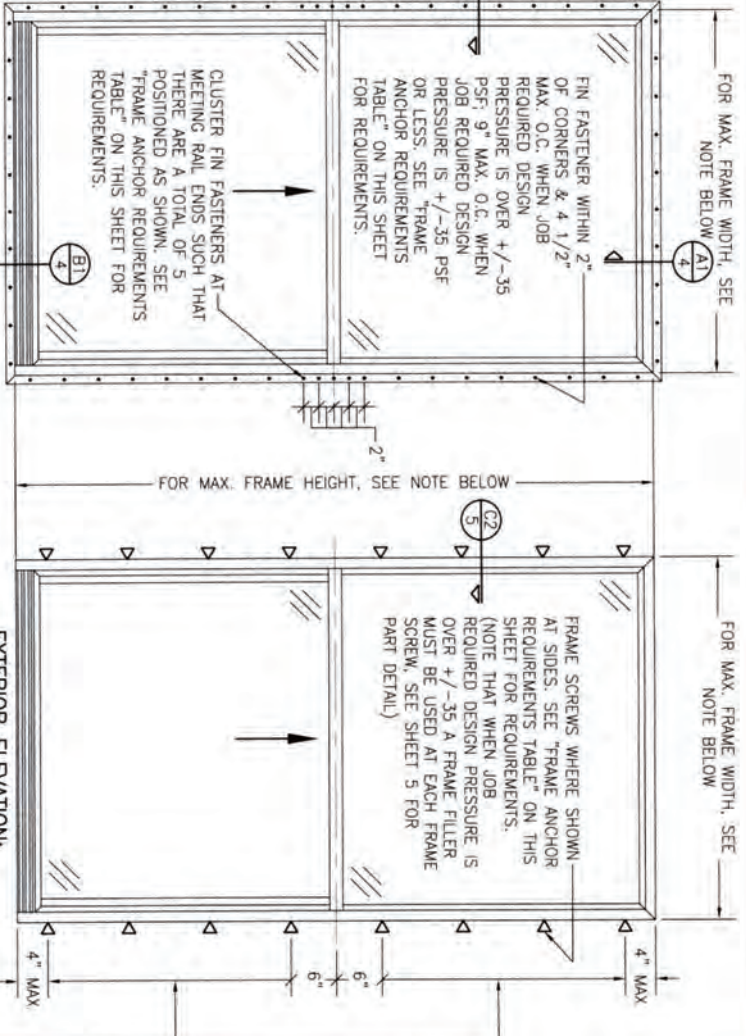
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR EMBEDS AND/OR INFORMATION & RESULTS FROM FIELD TESTS. THE EVALUATION REPORTS THE FLOORING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THE REFERENCED PRODUCT, PRIOR TO SAVING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL COOPERATE WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HEREIN ARE CONFORMANT WITH THE THEN CURRENT TESTING CODE AND APPLICABLE STANDARDS.

INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE VARY FROM THE METHODS SHOWN ON THESE DRAWINGS. THE WINDOW MAY USE ONE OR THE OTHER ANCHOR METHOD (EXAMPLE: HEAD MAY USE FRAME SCREWS METHOD WHILE OTHER SIZES 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 WAFFLE 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

EXTERIOR ELEVATION: SINGLE WINDOW

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

(FRAME SCREW MOUNT CONDITION)

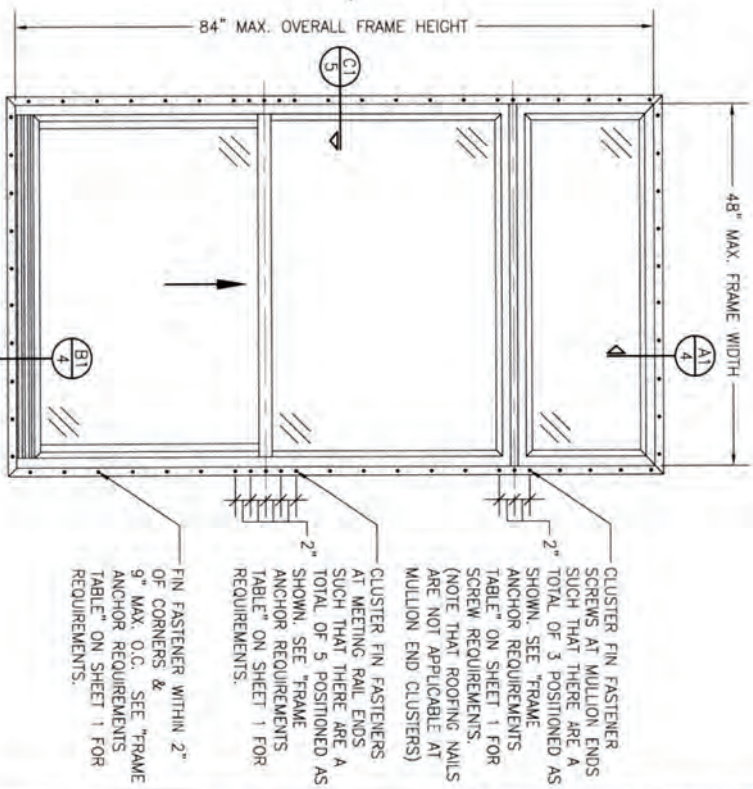
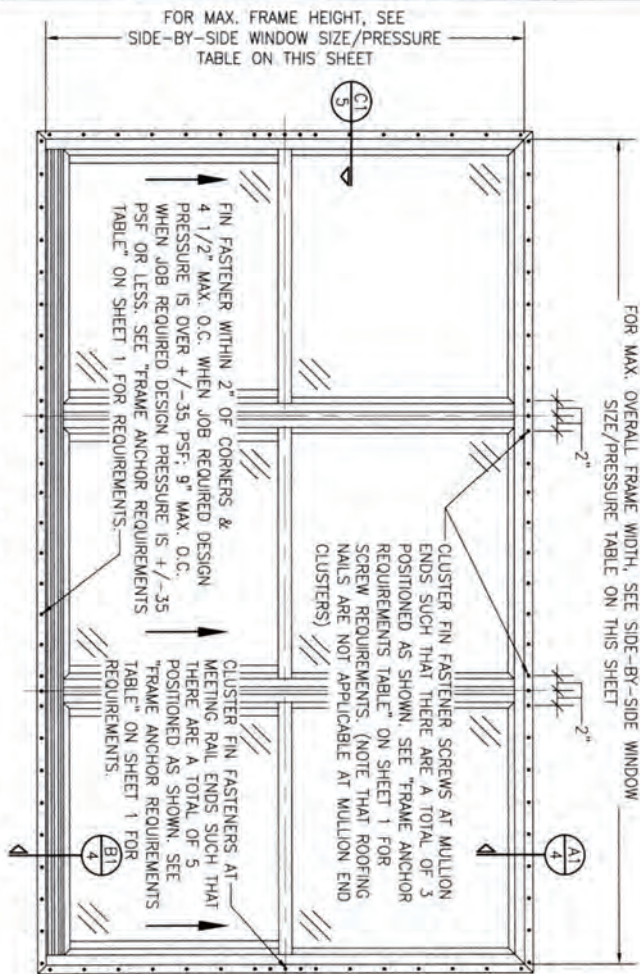
SIDE JAMB ANCHOR SPACING TABLE	
MAXIMUM FRAME O.C. WIDTH (IN.)	MAXIMUM SPACING (IN.)
54	12
48	13
36	17

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 THEY BE USED FOR PATRIAL AND/OR LOCK APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWING NO. 1867		SHEET NO. 1 OF 5	
C		C	
CERTIFICATION 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. 26378 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
NO.	REVISION	DESCRIPTION	DATE
A1	UPDATE	FOR NEW TESTING	03/06/16
B1	ADDED	109 X 72 WINDOW	11/02/20
C1	UPDATE	TO CURRENT STANDARDS	03/09/23
DRAWN BY: M.W.S. CHECKED BY: M.W.S. DATE: 02/06/14			



**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

CERTIFICATION

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

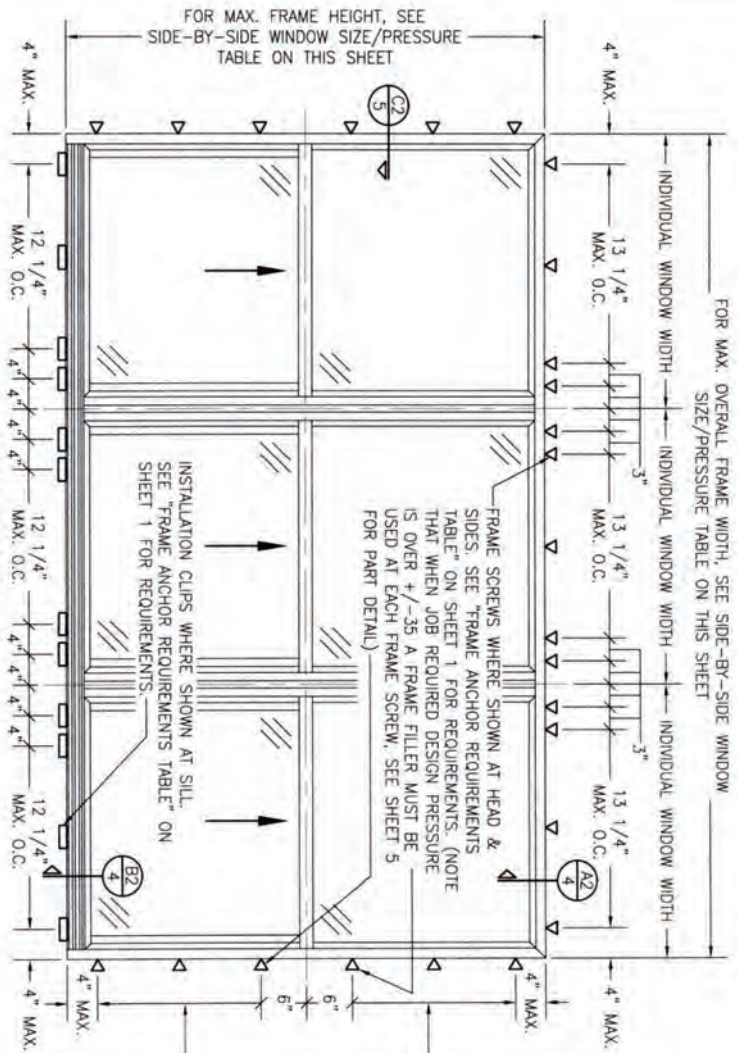
MANUFACTURER



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

NO.	REVISION	DESCRIPTION	BY	DATE
1	1	1/18		
2	2	2/25/14		
3	3			
4	4			
5	5			

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



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

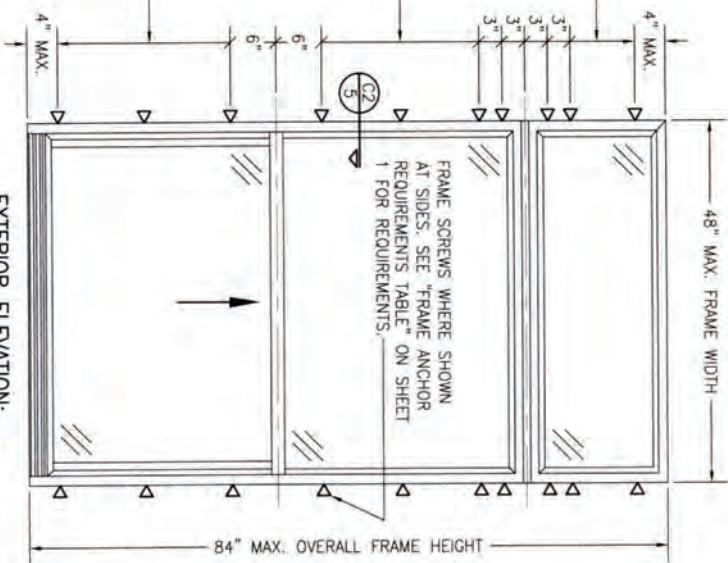
SCALE: 3/4" = 1'-0"

(FRAME SCREW AND CLIP MOUNT CONDITION)

ALLOWABLE SIDE-BY-SIDE WINDOW SIZE/PRESSURE TABLE		
MAXIMUM OVERALL FRAME HEIGHT DIMENSION (IN.)	MAXIMUM FRAME PRESSURE (+/- PSF)	ALLOWABLE WINDOW SIZE/PRESSURE
109	6.3	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.)	MAXIMUM JAMB ANCHOR SPACING (IN.)
48	13	17
36		

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.



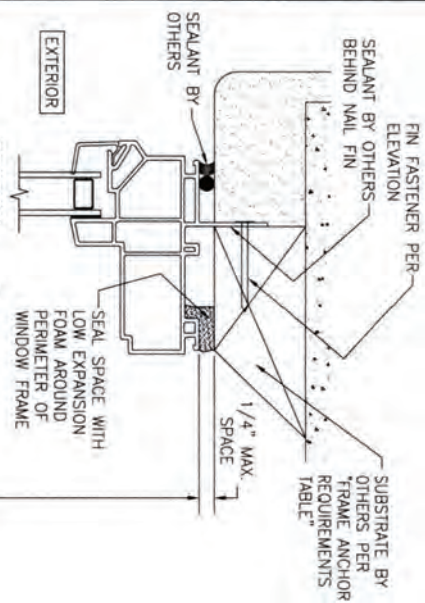
**EXTERIOR ELEVATION:
SINGLE WINDOW WITH TRANSOM**

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

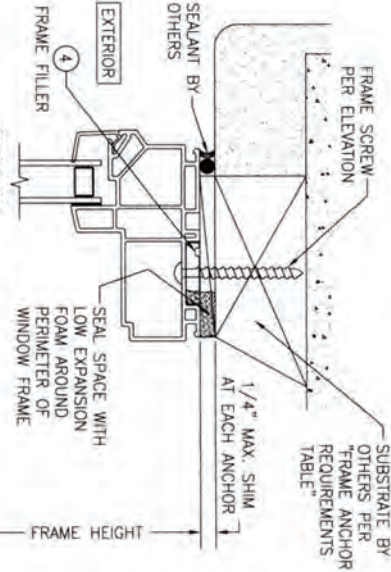
(FRAME SCREW MOUNT CONDITION)

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

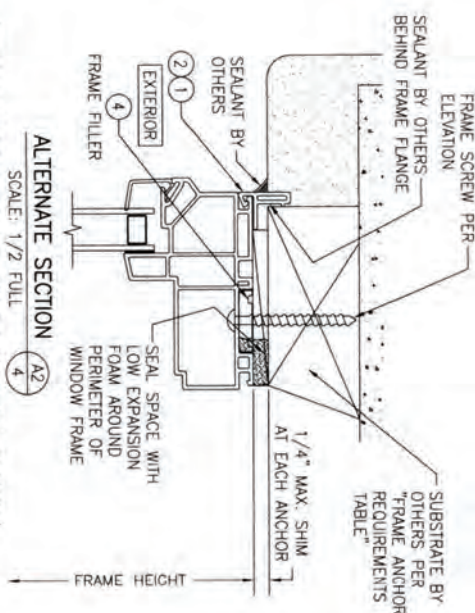
CERTIFICATION DRAWING NO. 1867 SHEET NO. 3 OF 5 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <tr> <th>NO.</th><th>REVISION</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>		NO.	REVISION	DESCRIPTION	BY	DATE																										DRAWN BY: RLB CHECKED BY: RLB DATE: 02/20/14 SCALE: 3/4" = 1'-0"
NO.	REVISION	DESCRIPTION	BY	DATE																																		



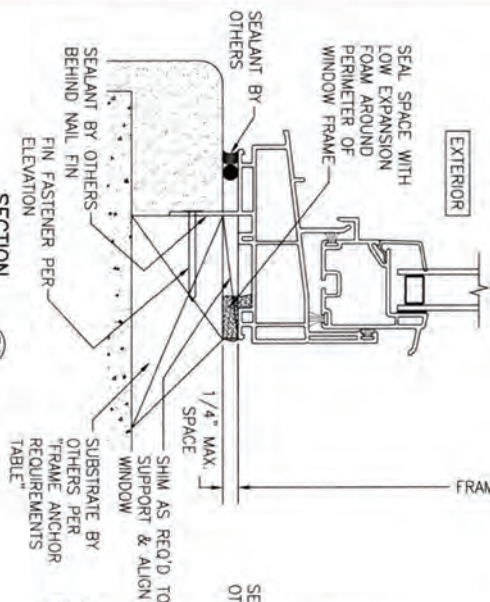
SECTION A1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



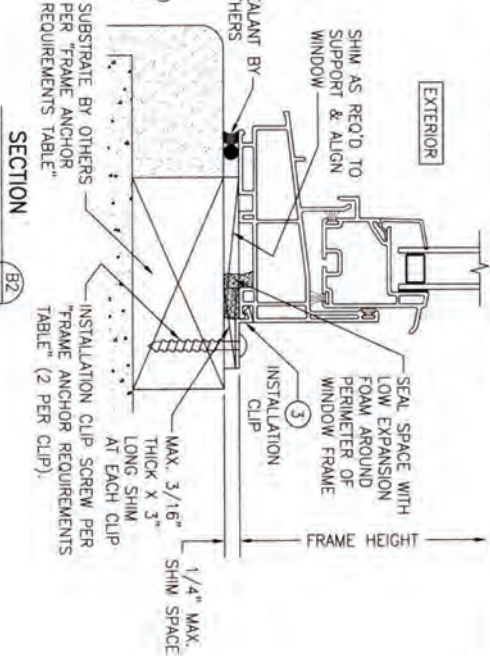
SECTION A2
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(FRAME SCREW MOUNT CONDITION)



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

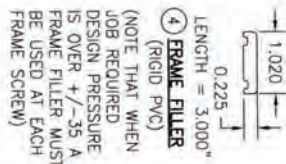
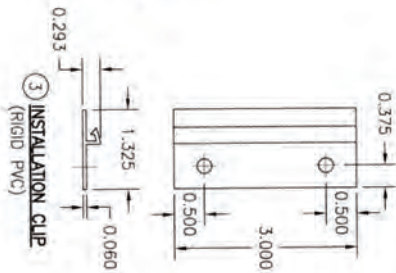
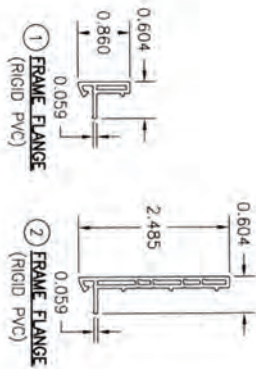
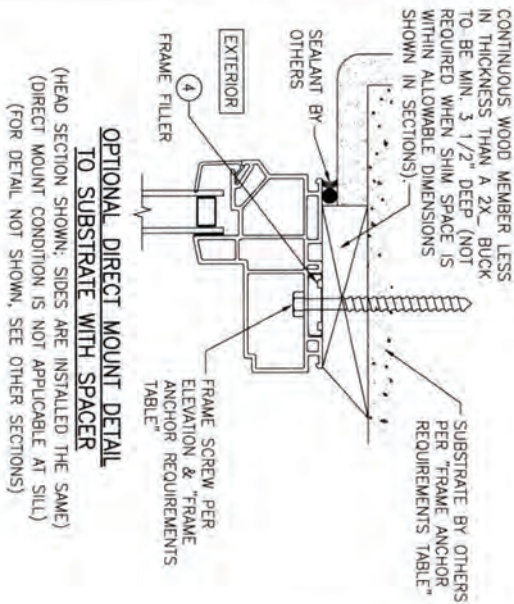
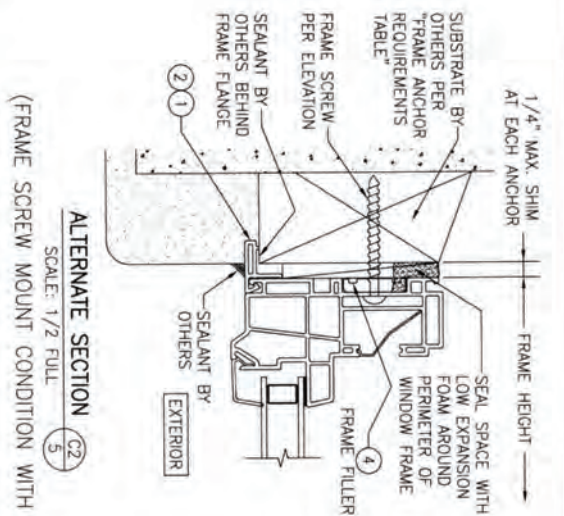
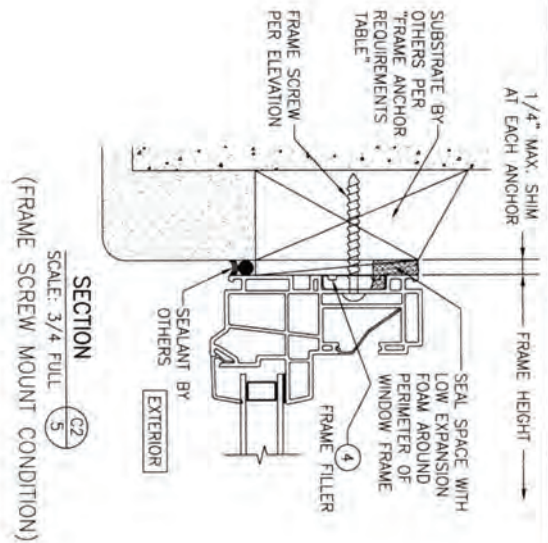
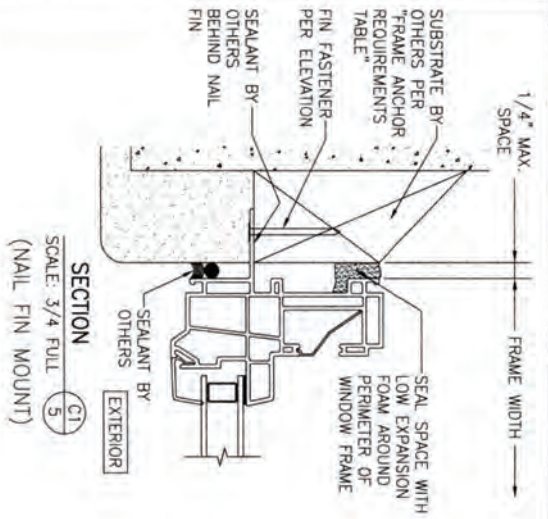



SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



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

DRAWING NO. 1867 SHEET NO. 4 OF 5		CERTIFICATION 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 CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				NO.	REVISION	DESCRIPTION	BY	DATE																					DRAWN BY: JRM DATE: 02/09/14 CHECKED BY: JRM DATE: 02/09/14	
NO.	REVISION	DESCRIPTION	BY	DATE																																				



DRAWING NO. 1867		SHEET NO. 5 OF 5		CERTIFICATION		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW		NO.		REVISION		DESCRIPTION		BY		DATE		DRAWN BY: M.W.		CHECKED BY: M.W.		DATE: 08/26/14	
WARREN W. SCHAEFER, P.E.				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																	



Product Approval
USER: Public User

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

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SECRETARY

Search Criteria

[Refine Search](#)

Code Version	2023	FL#	16809.10
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
FL16809-R9 History	Revision	Pella Corporation FL#: FL16809.10 Model: 250 Series Sliding Window Description: 120" x 62" vinyl non-impact XOX 1/4 vent sliding window with lock and meeting stile reinforcements. Category: Windows Subcategory: Horizontal Slider	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.

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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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 #	FL16809-R9
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



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Address/Phone/Email

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PJBortscheller@pella.com

Category
Subcategory

Windows
Horizontal Slider

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
16809.1	250 Series Sliding Window	72" x 44" vinyl non-impact XO/OX sliding window with lock stile reinforcement
Limits of Use 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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.78-79-80-81.pdf Quality Assurance Contract Expiration Date 09/24/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.2	250 Series Sliding Window	72" x 44" vinyl non-impact XO/OX sliding window with lock and meeting stile reinforcements.
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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.82-83.pdf Quality Assurance Contract Expiration Date 09/24/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E.44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.3	250 Series Sliding Window	108" x 44" 1/4 vent vinyl non-impact XOX sliding window with lock stile reinforcement.
Limits of Use 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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.64-65.pdf Quality Assurance Contract Expiration Date 12/06/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E.44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.4	250 Series Sliding Window	108" x 44" 1/4 vent vinyl non-impact XOX sliding window with lock and meeting stile reinforcements.
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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.66-67.pdf Quality Assurance Contract Expiration Date 12/06/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.5	250 Series Sliding Window	108" x 44" 1/3 vent vinyl non-impact XOX sliding window with lock stile reinforcement.
Limits of Use 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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.68-69.pdf Quality Assurance Contract Expiration Date 12/06/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E.44135 Created by Independent Third Party: Yes

		Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.6	250 Series Sliding Window	108" x 44" 1/3 vent vinyl non-impact XOX sliding window with lock and meeting stile reinforcements.
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.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.70-71.pdf Quality Assurance Contract Expiration Date 12/06/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.7	250 Series Sliding Window	52.25" x 62" vinyl non-impact XO/OX sliding window with lock and meeting stile reinforcements.
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.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.58.59.pdf Quality Assurance Contract Expiration Date 10/12/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.8	250 Series Sliding Window	96" x 62" vinyl non-impact XO/OX sliding window with lock and meeting stile reinforcements.
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.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.50.51.pdf Quality Assurance Contract Expiration Date 10/19/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.9	250 Series Sliding Window	78" x 84.5" overall size vinyl non-impact XO/OX sliding window with integral transom.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		Certification Agency Certificate FL16809_R9_C_CAC_411-H-1463.84-85.pdf Quality Assurance Contract Expiration Date 12/29/2024 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.10	250 Series Sliding Window	120" x 62" vinyl non-impact XOX 1/4 vent sliding window with lock and meeting stile reinforcements.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.34.35.pdf Quality Assurance Contract Expiration Date 10/15/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.11	250 Series Sliding Window	120" x 62" vinyl non-impact XOX 1/3 vent sliding window with lock and meeting stile reinforcements.

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.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.38.39.pdf Quality Assurance Contract Expiration Date 10/15/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer, P.E. 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.12	250 Series Sliding Window	96" x 72" vinyl non-impact XOX 1/4 vent sliding window with lock and meeting stile reinforcements.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.42.43.pdf Quality Assurance Contract Expiration Date 10/13/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.13	250 Series Sliding Window	96" x 72" vinyl non-impact XOX 1/3 vent sliding window with lock and meeting stile reinforcements.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.46.47.pdf Quality Assurance Contract Expiration Date 10/13/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes
16809.14	250 Series Sliding Window	73.5" x 72" vinyl non-impact XO/OX sliding window with lock and meeting stile reinforcements.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: Configurations of glass shall conform to the current ASTM E1300 standard.		Certification Agency Certificate FL16809_R9_C_CAC_CCL 411-H-1463.54.55.pdf Quality Assurance Contract Expiration Date 10/19/2025 Installation Instructions FL16809_R9_II_Drawing_1869 digitally sealed.pdf Verified By: Warren W. Schaefer 44135 Created by Independent Third Party: Yes Evaluation Reports FL16809_R9_AE_Drawing_1869 digitally sealed.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:

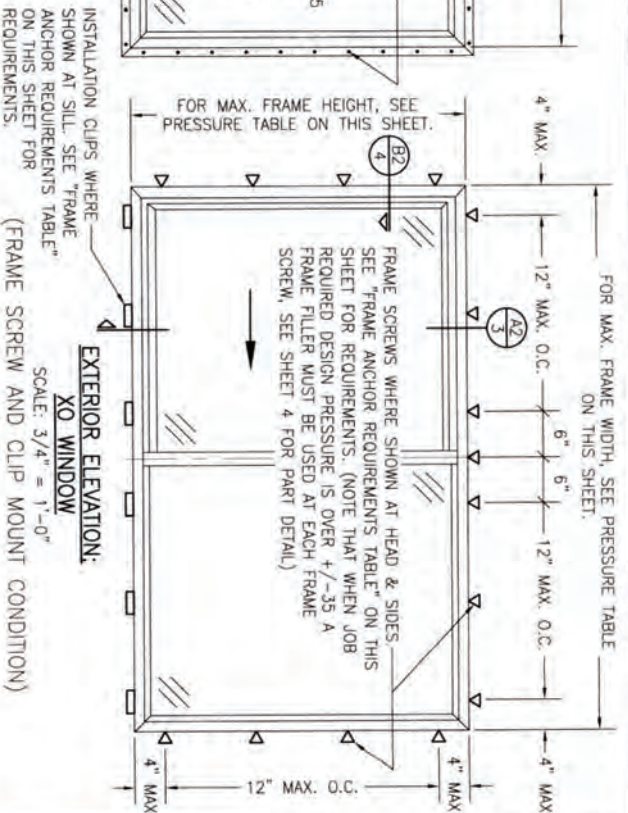
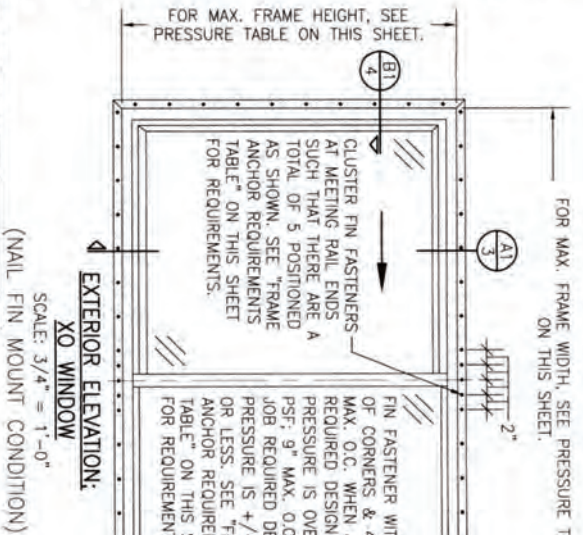


ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

- OPENING, BLOCKING & BULGING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- 4) STEEL NON-WAIVED RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CHAPTER 6, SECTION 607.1.1. ALL OTHERS SECURING PRODUCT FRAMES TO PRESSURIZED BLUES 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, NAILS, ANCHORS, BOLTS, ETC., THAT COME INTO CONTACT WITH OTHER DISSIPABLE MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
- TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREON IS CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QR ENTRY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THIS PRODUCT ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY CONTROL SYSTEM.
- 6) FOR ANY 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 THE INSTALLATIONS OF THIS TYPE OF PRODUCT. 3) IF CHANGES HAVE BEEN MADE TO THE PRODUCT'S CERTIFICATION ENTRY'S CERTIFICATE WHICH 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 PRODUCT.
- 8) THESE DRAWINGS CARRY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THE INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE PLACED ON THE MANUFACTURER &/OR INSTALLER.

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
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(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 CWU 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)	1 1/2" 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"



PRESSURE
 (XO & OX UNITS)

MAX. FRAME WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
52 1/4	62	50
72	44	25
73 1/2	72	50
96	62	30

PRESSURES & CONDITIONS SHOWN IN THIS TABLE ARE BASED ON THE ASSUMPTION THAT THE ONLY LOADS TO BE WITHSTOOD BY THE RECIPIENTS 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.

SHOWN IN THESE DRAWINGS.

ALL ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(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 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 FRAME SCREWS METHOD WHILE OTHER SIDES USE FIN)

OTHER SIDES USE FIN)



Digitally signed
by Warren W
Schaefer
Date:
2023.03.09
09:35:55 -05'00'

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.

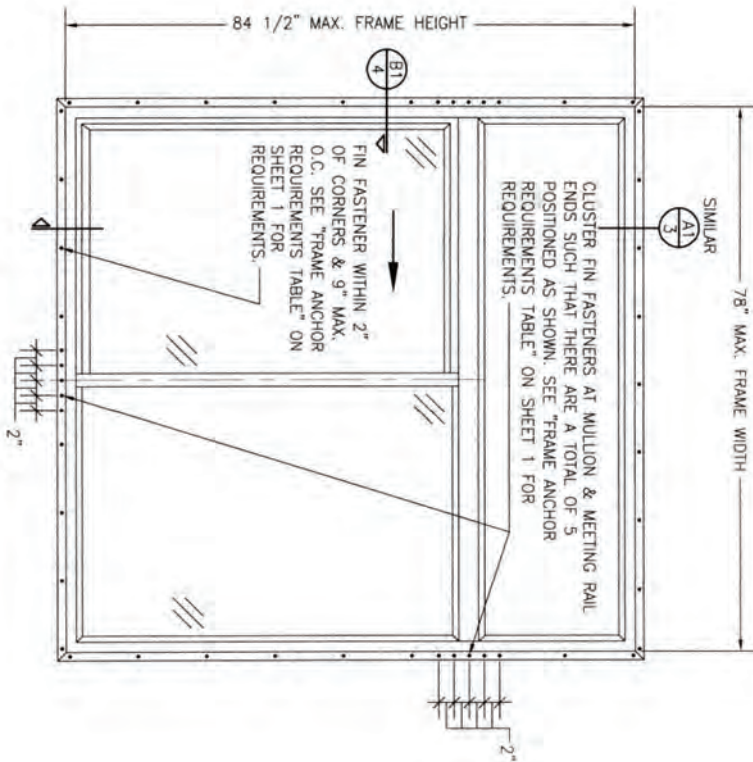
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.
26376 NADIR ROAD, UNIT 309
PUNTA GORDA, FL 33983
PHONE: 561-744-3424



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

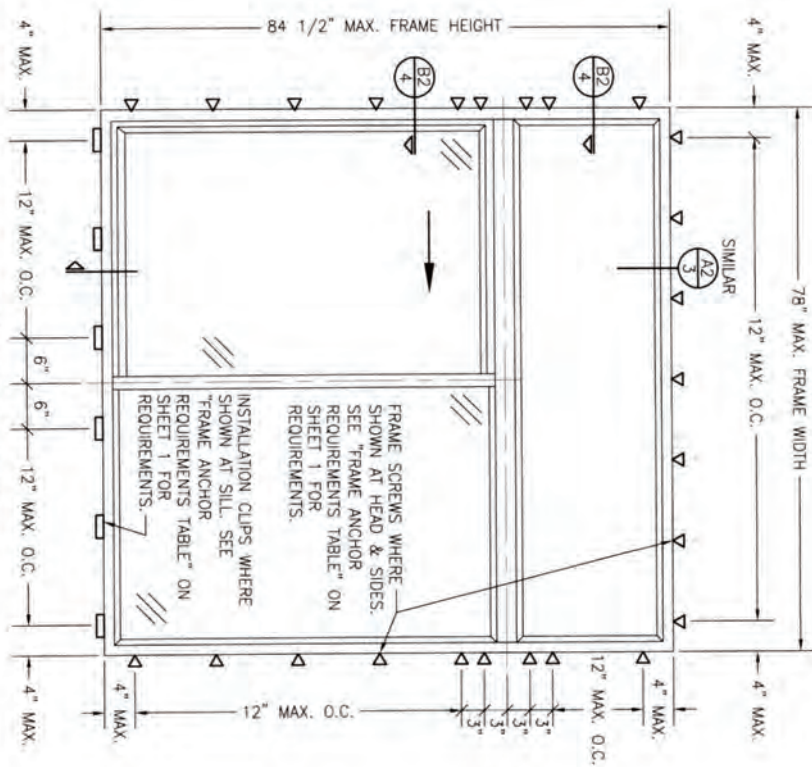
NO.	REVISION DESCRIPTION	BY	DATE
A1	ADDED WINDOW CONDITIONS	W.W.S.	06/17/14
B1	UPDATE FOR NEW TESTING	W.W.S.	03/08/16
C1	UPDATE TO CURRENT STANDARDS	W.W.S.	03/09/23

DRAWN BY: W.R.M.	CHECKED BY: W.N.S.
PLOT:	DATE:



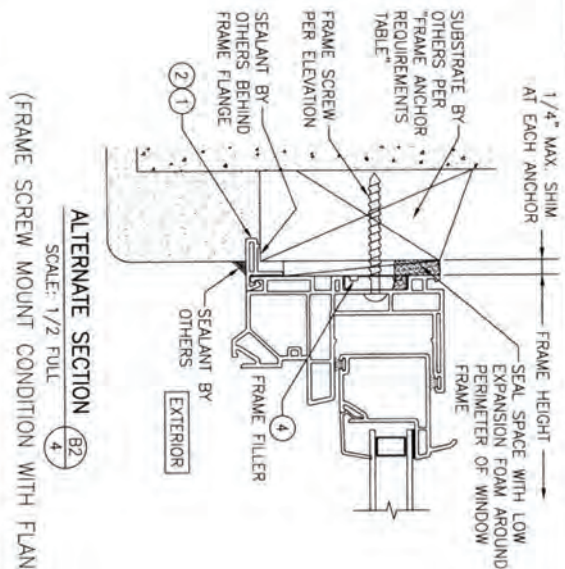
EXTERIOR ELEVATION:
XO OR OX WINDOW WITH TRANSOM
 SCALE: 3/4" = 1'-0"
 (NAIL FIN MOUNT CONDITION)

ALLOWABLE DESIGN PRESSURE
 (TRANSOM UNITS)
 +/-25 PSF



EXTERIOR ELEVATION:
XO OR OX WINDOW WITH TRANSOM
 SCALE: 3/4" = 1'-0"
 (FRAME SCREW AND CLIP MOUNT CONDITION)

DRAWING NO. 1869 SHEET NO. 3 OF 5	CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING TITLE 250 SERIES VINYL SLIDING GLASS NON-IMPACT WINDOW		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		NO. REVISION DESCRIPTION BY DATE		DATE 12/27/14	CHECKED BY W.S.S.
		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000					



SCALE: 1/2 FULL

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



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

[illegible]

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

MANUFACTURER



DRAWING TITLE
250 SERIES VINYL SLIP

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

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

DRAWING NO.	REV
1869	C
SHEET NO.	
5	OF 5