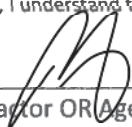


As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your 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	Atrium	Sliding Glass Door	11646.1
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Pella	Single Hung Window	16812.1 16812.2
B. HORIZONTAL SLIDER			
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-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

9/25/2025

Date

NOTES: _____



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#	11646.1
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
FL11646-R15 History	Affirmation	Atrium Windows & Doors FL#: FL11646.1 Model: 311/312/378 Sliding Glass Door Description: R-PG35*-1797x2019 (71x80)-SD (311), R-PG35-2407x2019 (95x80)-SD (312), R-PG30-1899x2426 (75x96)-SD (312), R-PG35-1829x2083 (72x82)-SD (378) Category: Exterior Doors Subcategory: Sliding Exterior Door Assemblies	National Accreditation & Management Institute (804) 684-5124	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**

► OFFICE OF THE
SECRETARY

FL #	FL11646-R15
Application Type	Affirmation
Code Version	2023
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Atrium Windows & Doors
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 27374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com
Authorized Signature	Harris Luanne luanne.harris@cornerstone-bb.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	Luanne Harris
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 27374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	National Accreditation & Management Institute
Validated By	National Accreditation & Management Institute
Referenced Standard and Year (of Standard)	<u>Standard</u> AAMA/WDMA/CSA 101/I.S.2/A440
	<u>Year</u> 2008
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL11646 R15 Equiv FL11646 Equivalency Letter SS 2022-02-11.pdf

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity ☐ Yes ☐ No ☐ N/A

ATRIUM CORPORATION - 311/312/378 VINYL SLIDING GLASS DOOR

(NON-IMPACT)

INSTALLATION NOTES:

- I.

ONE (1) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2.

THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5.

FOR NAIL FIN: WOOD BUCK: USE #8 WOOD SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6.

FOR NAIL FIN: STEEL STUD: USE #8 TEK SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
7.

FOR THRU FRAME: WOOD BUCK: USE #10 WOOD SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
8.

FOR THRU FRAME: CONCRETE/MASONRY: FOR INSTALLATION THROUGH IX BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER TIW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
9.

FOR THRU FRAME: STEEL STUD: USE #10 TEK SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
10.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- II.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
12.

FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
13.

INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
14.

INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A.

WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.

B.

CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C.

MASONRY - CMU UNIT STRENGTH CONFORMS TO ASTM C-90, WITH MIN. COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MIN. GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D.

STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)

SIZE CHART				
OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
70-3/4"	79-1/2"	R-PG35	+35/-35 PSF	FIN
94-3/4"	79-1/2"	R-PG35	+35/-35 PSF	
74-3/4"	95-1/2"	R-PG30	+30/-30 PSF	
* 72"	82"	R-PG35	+35/-35 PSF	
71-9/16"	79-1/2"	R-PG35	+35/-35 PSF	FINLESS
95-5/8"	79-1/2"	R-PG35	+35/-35 PSF	
75-3/4"	95-1/2"	R-PG30	+30/-30 PSF	
* 72"	82"	R-PG35	+35/-35 PSF	

*UNIT USES ALUMINUM REINFORCEMENTS, ALL OTHERS USE STEEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS & GLAZING DETAIL

GENERAL NOTES:

- I.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) AND THE CURRENT IRC/IBC, EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

•

AAYAWDMA/CSA 101/1.S.2/A440-08
2.

ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL STUD, AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3.

1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5.

APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6.

WINDOW FRAME MATERIAL: WHITE OR BEIGE VINYL
7.

GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAIL.

ATRIUM

WINDOWS AND DOORS

300 WELCOME CENTER BLVD

WELCHME, NC 27374

PH: (800) 542-9118

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR				
INSTALLATION & GENERAL NOTES				
NO.	REVISION DESCRIPTION	BY	DATE	
A	FBC 2010 CODE CHANGE	JLA	12.08.11	
B	FBC 5TH ED. CODE CHANGE	SM	06.02.14	
C	CERTIFICATION UPDATE	LS	09.01.16	
D	UPDATED FOR 7TH EDITION (2020) FBC	LHM	01.10.22	

DATE:	12.23.10
DWN BY:	MSS
CHK BY:	HFN
SCALE:	NTS

HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBCPE CERT. OF AUTHORIZATION No. 28578

Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2022.04.11 16:48:27 -05'00'



BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
PH:(954)399-8478 FX:(954)744-4738

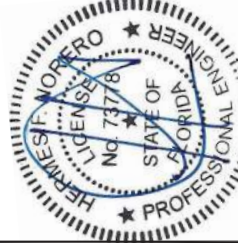
FL #: 11646

DWG#: ATR023

SHEET: 1 OF 5



DATE:	12.25.10	TITLE: 311/312/378 VINYL SLIDING GLASS DOOR ELEVATIONS			
DWN BY:	NO.		REVISION DESCRIPTION	BY	DATE
MSS	A		FBC 2010 CODE CHANGE	JLA	12.08.11
CHK BY:	B		FBC 5TH ED. CODE CHANGE	SM	06.02.14
SCALE:	C		CERTIFICATION UPDATE	LS	09.01.16
NTS	D	UPDATED FOR 7TH EDITION (2020) FBC	LHM	01.10.22	



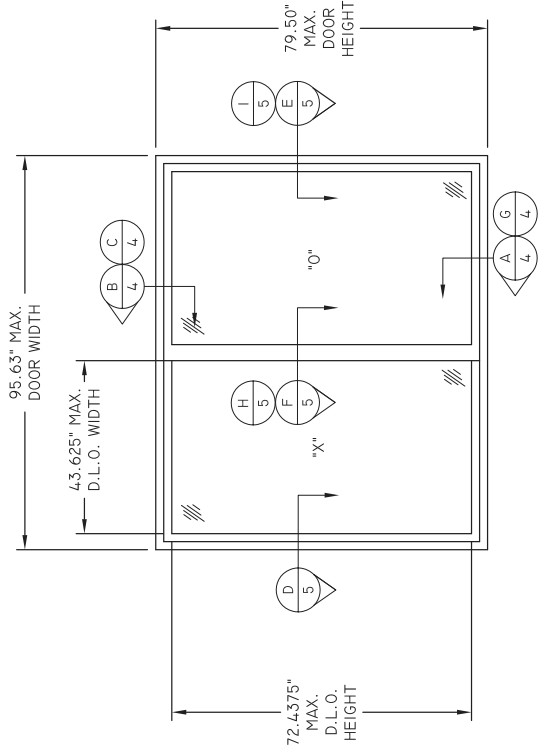
 BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004

FL#: 11646

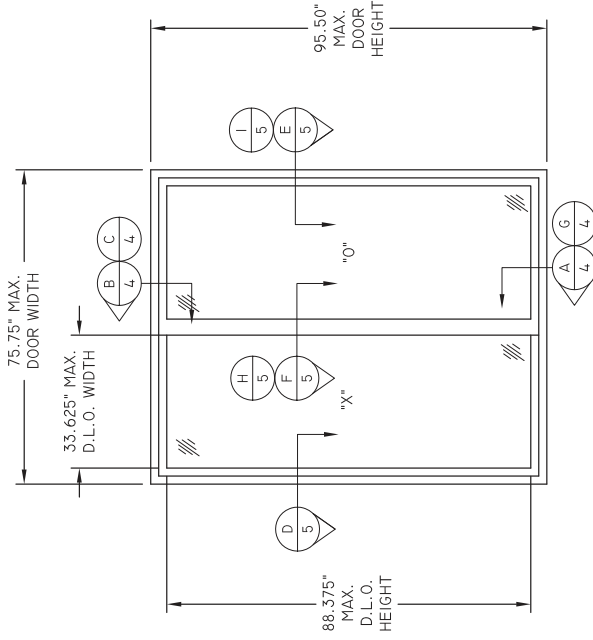
DWG #:

DWG#: **ATR023**

SHEET: 2 OF 5

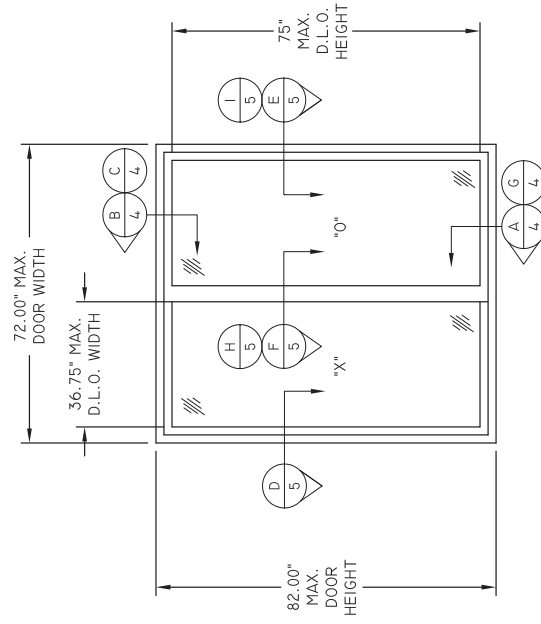


ELEVATION

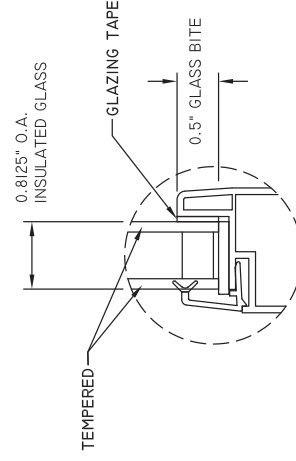


ELEVATION

TYPICAL



ELEVATION



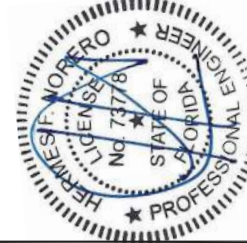
GLAZING DETAIL

NOTES:

- NOTES:**
1. GLASS THICKNESS AND TYPE MAY VARY PER ASTM E 1300 REQUIREMENT GLASS CHARTS.
 2. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE CURRENT FBC.

DATE: 12.23.10		TITLE: 311/312/378 VINYL SLIDING GLASS DOOR ANCHOR LAYOUTS		
DWN BY:	MSS	A	FBC 2010 CODE CHANGE	
	CHK BY:	HFN	B	FBC 5TH ED. CODE CHANGE
SCALE:	NTS	C	CERTIFICATION UPDATE	
		D	UPDATED FOR 7TH EDITION (2020) FBC	
		LMH	01.10.22	
		LS	09.01.16	
		SM	06.02.14	
		JLA	12.08.11	
NO.	REVISION DESCRIPTION			
	BY	DATE		

HERNIES F. NORERO, P.E.
FLOORING CONTRACTORS, INC.
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FLBPE CERT. OF AUTHORIZATION No. 29578

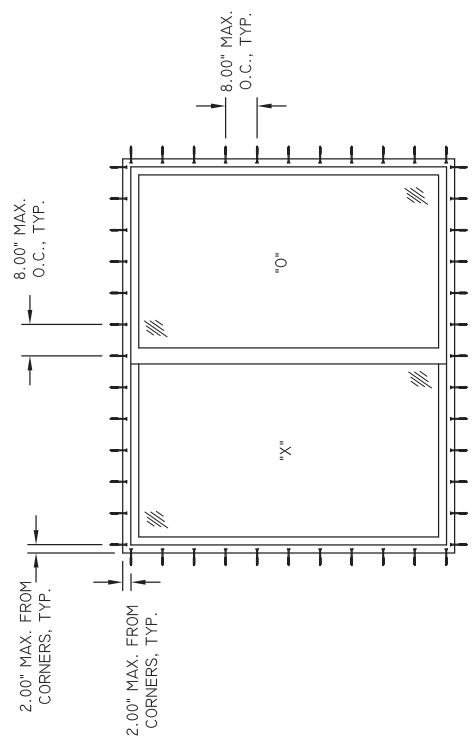


BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

FL #: 11646

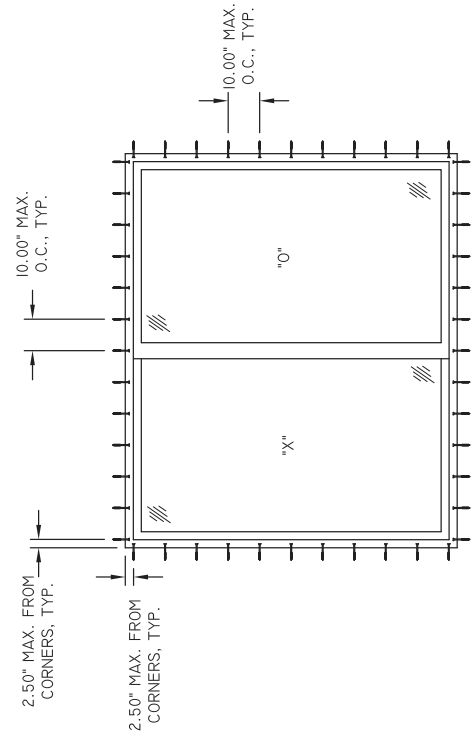
DWG #: ATR023

SHEET: 3 OF 5



ANCHOR LAYOUT

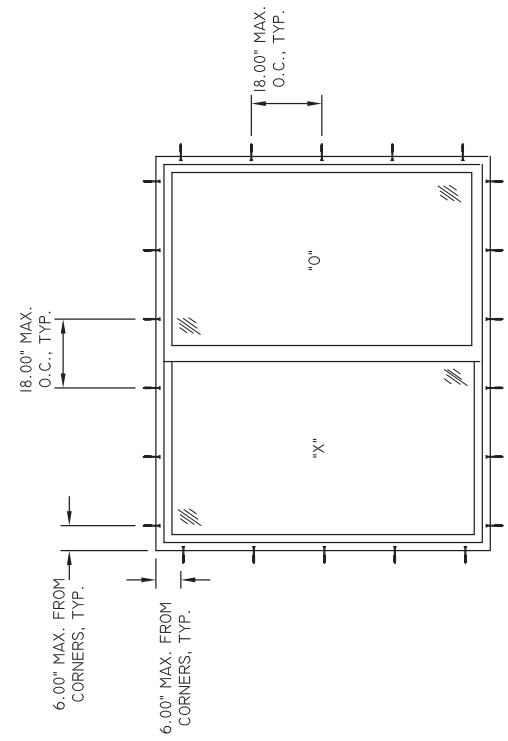
NAILING FIN



ANCHOR LAYOUT

NAILING FIN

*APPLICABLE ONLY TO 74.75" X 95.5" CONFIGURATION



ANCHOR LAYOUT

THROUGH FRAME

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR		DATE: 12.23.10	
REVISION DESCRIPTION		DWN BY: MSS	
NO.	BY	DATE	NO.
A	JLA	12.08.11	A
B	SM	06.02.14	B
C	LS	09.01.16	C
D	LHM	01.10.22	D
FBC 2010 CODE CHANGE		FBC 5TH ED. CODE CHANGE	
FBC 5TH ED. CODE CHANGE		CERTIFICATION UPDATE	
UPDATED FOR 7TH EDITION (2020) FBC		01.10.22	

HERNIES F. NORENO, P.E.
FLORIDA PROFESSIONAL ENGINEER
NO. 73778
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FPE CERT. OF AUTHORIZATION No. 29578

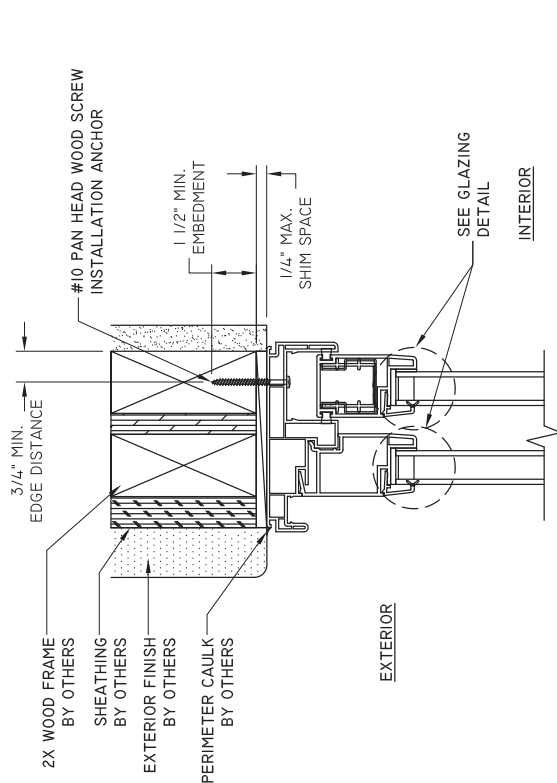


BUILDING DROPS, INC.
300 WELCOME CENTER BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

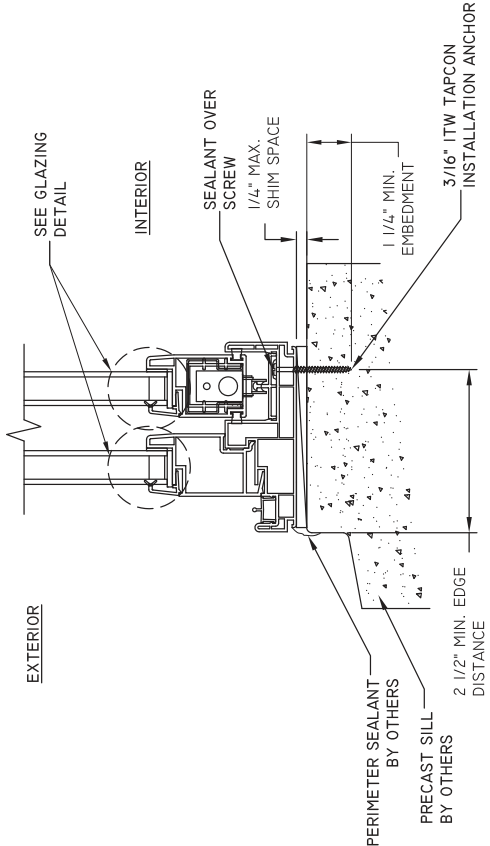
FL #: 11646

DWG #: ATR023

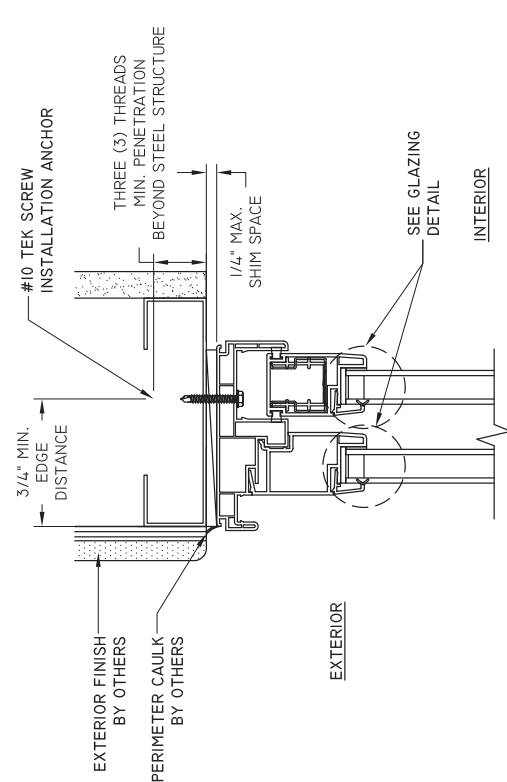
SHEET: 4 OF 5



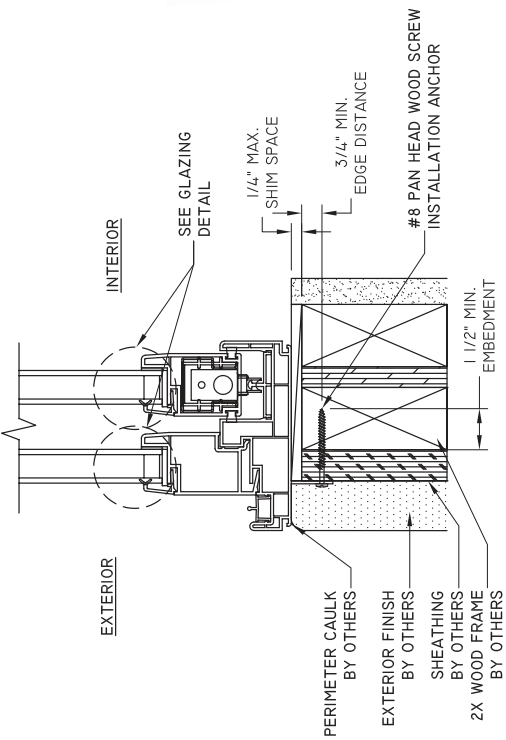
B VERTICAL SECTION
4 2X WOOD FRAME - HEAD



A VERTICAL SECTION
4 CONCRETE - SILL



C VERTICAL SECTION
4 STEEL STUD FRAME - HEAD



G VERTICAL SECTION
4 2X WOOD FRAME - SILL
ALTERNATE FIN INSTALLATION (TYP.)

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR HORIZONTAL SECTIONS & GLAZING DETAIL		NO.	REVISION DESCRIPTION	BY	DATE
		A	FBC 2010 CODE CHANGE	JLA	12.08.11
		B	FBC 5TH ED. CODE CHANGE	SM	06.02.14
		C	CERTIFICATION UPDATE	LS	09.01.16
		D	UPDATED FOR 7TH EDITION (2020) FBC	LHM	01.10.22
DATE:	12.23.10	DWN BY:	MSS		
CHK BY:	HFN	SCALE:	NTS		

HERNIES F. NOREDO, P.E.
FLORIDA PROFESSIONAL ENGINEER
NO. 73778
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBCPE CERT. OF AUTHORIZATION No. 29578

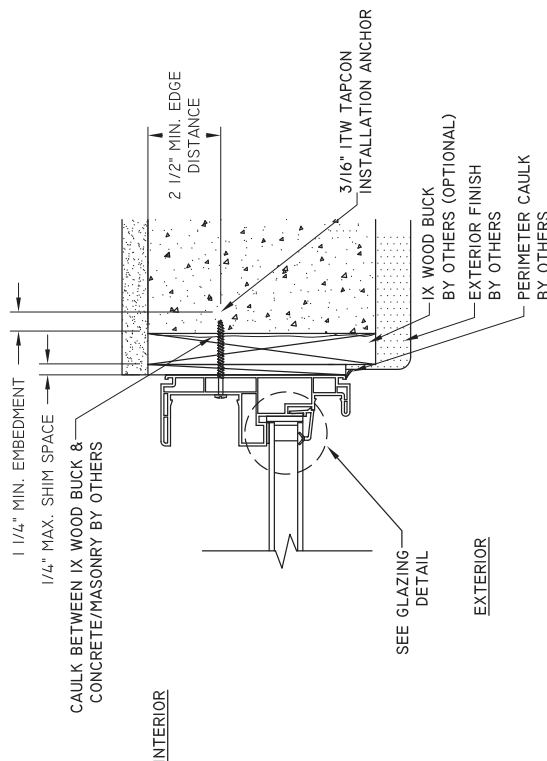


BUILDING DROPS, INC.
300 WELCOME CENTER BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

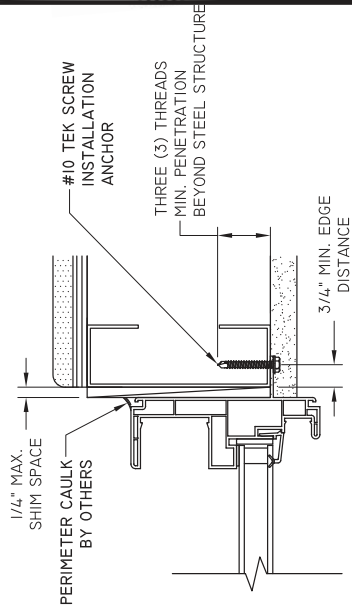
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DWG#: ATR023

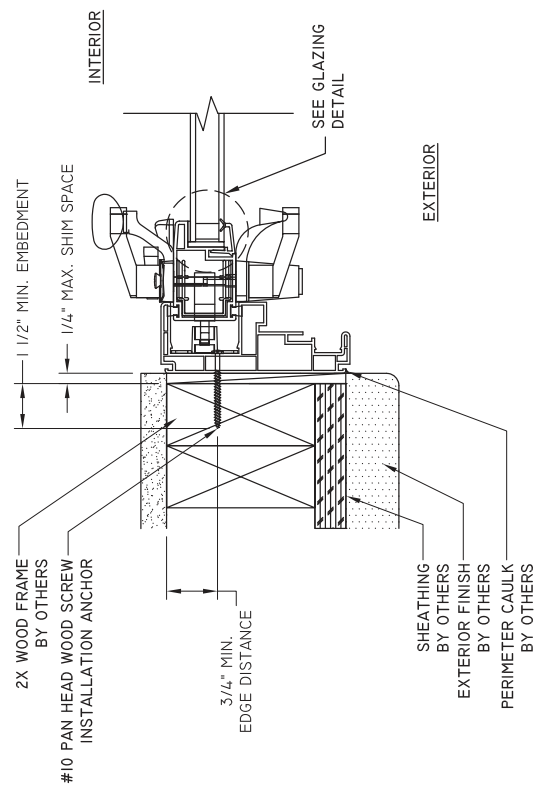
SHEET: 5 OF 5



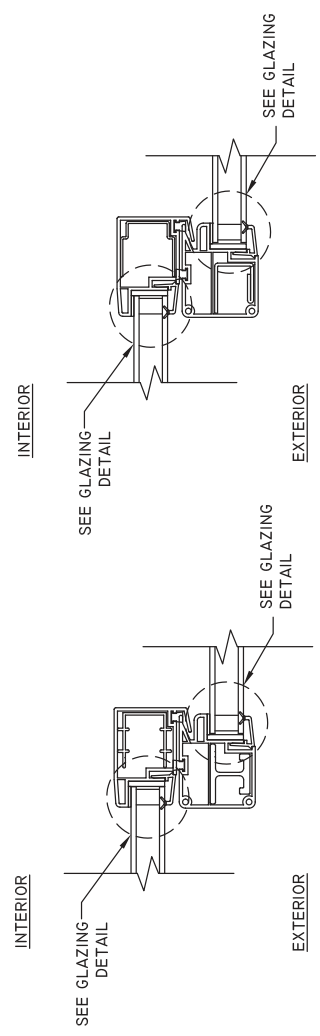
E HORIZONTAL SECTION
5 CONCRETE/MASONRY - JAMB



I HORIZONTAL SECTION
5 STEEL STUD - JAMB
ALTERNATE FIN INSTALLATION (TYP.)



D HORIZONTAL SECTION
5 2X WOOD FRAME - JAMB



F HORIZONTAL SECTION
5 MEETING STILE
ALUMINUM REINFORCEMENT

NOTE: FOR USE WITH PANEL SIZES
UP TO 37.125" X 79.6875" WITH A
DESIGN PRESSURE OF 35 PSF

H HORIZONTAL SECTION
5 MEETING STILE
STEEL REINFORCEMENT

NOTE: CAN BE USED WITH ALL PANEL SIZES



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 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 FASTENERS 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.

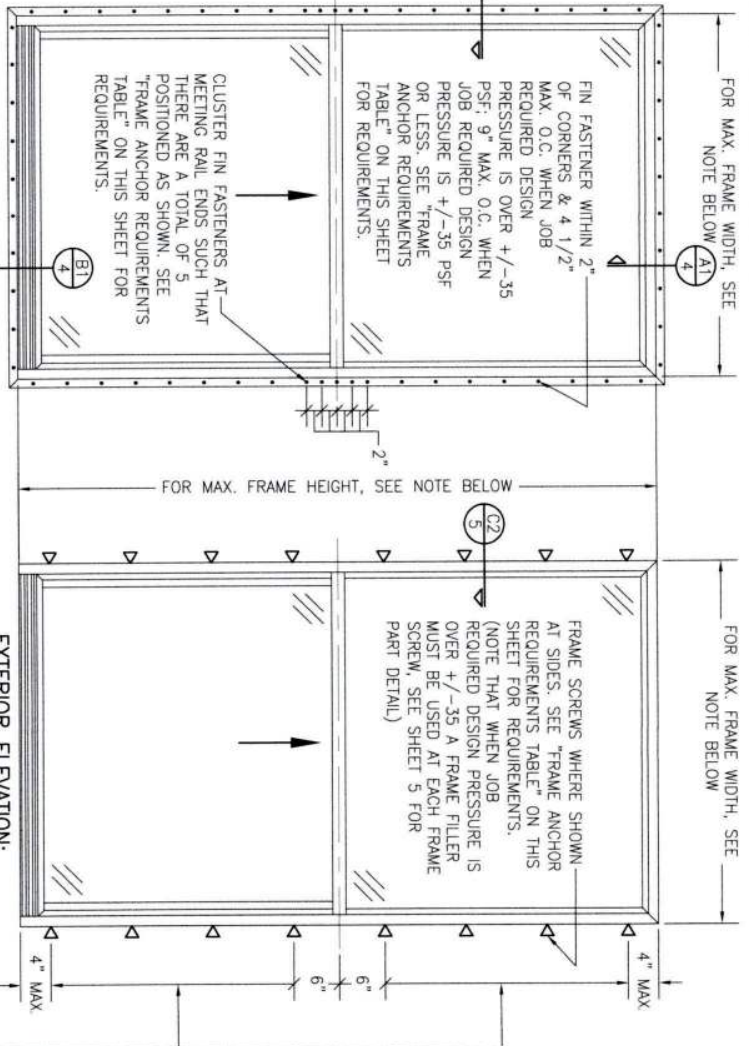
INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM FIELD TESTING REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT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

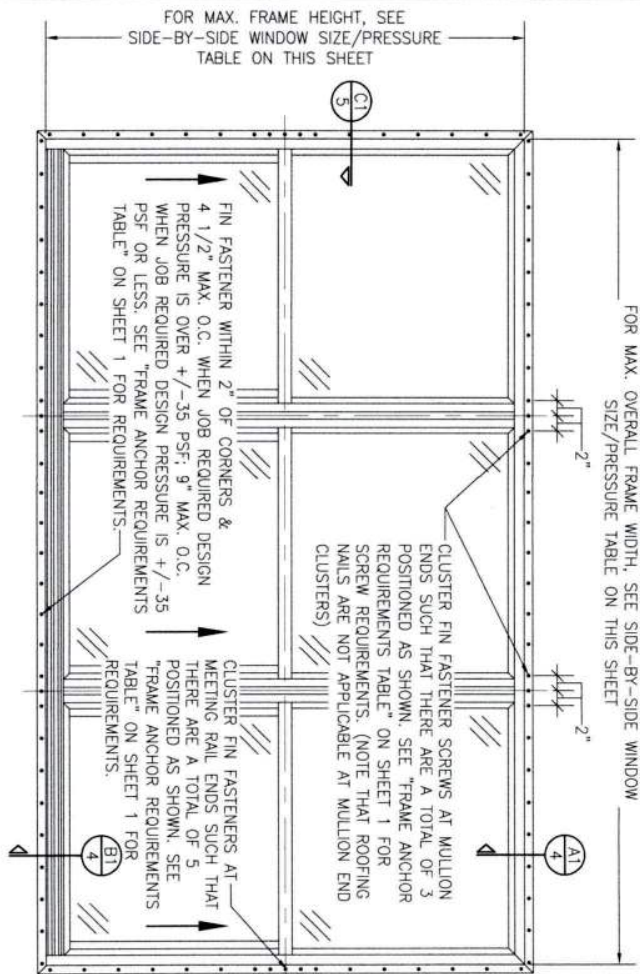
SIDE JAMB ANCHOR SPACING TABLE	
MAXIMUM FRAME WIDTH (IN.)	MAXIMUM O.C. SPACING (IN.)
54	12
48	13
36	17

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.

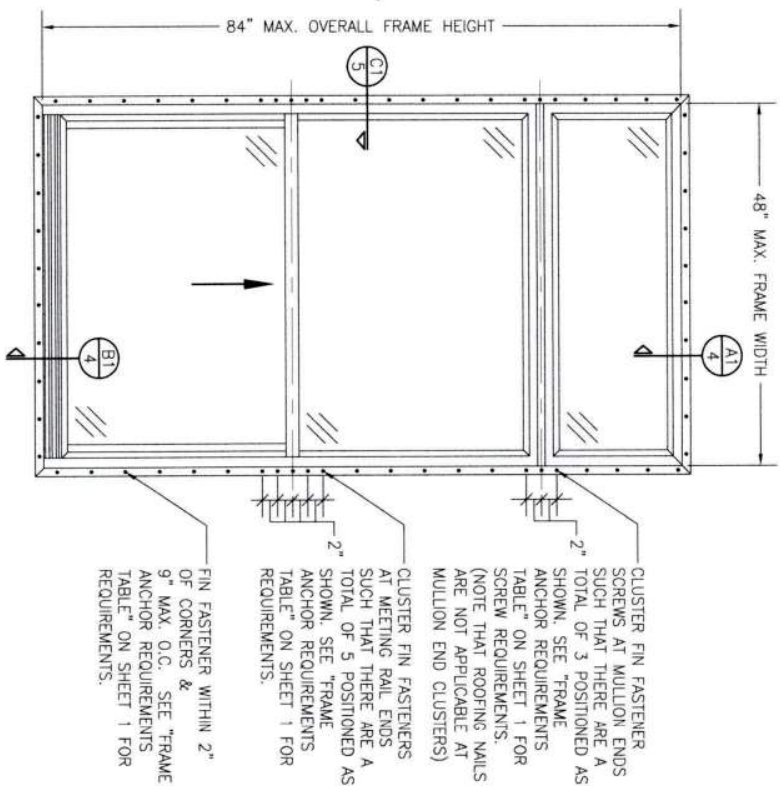
DRAWING NO. 1867		SHEET NO. 1 OF 5	
C		REV.	
WARREN W. SCHAEFER, P.E.		P.E. NO. 44135	
DRAWING TITLE: 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: Pella	
26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		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

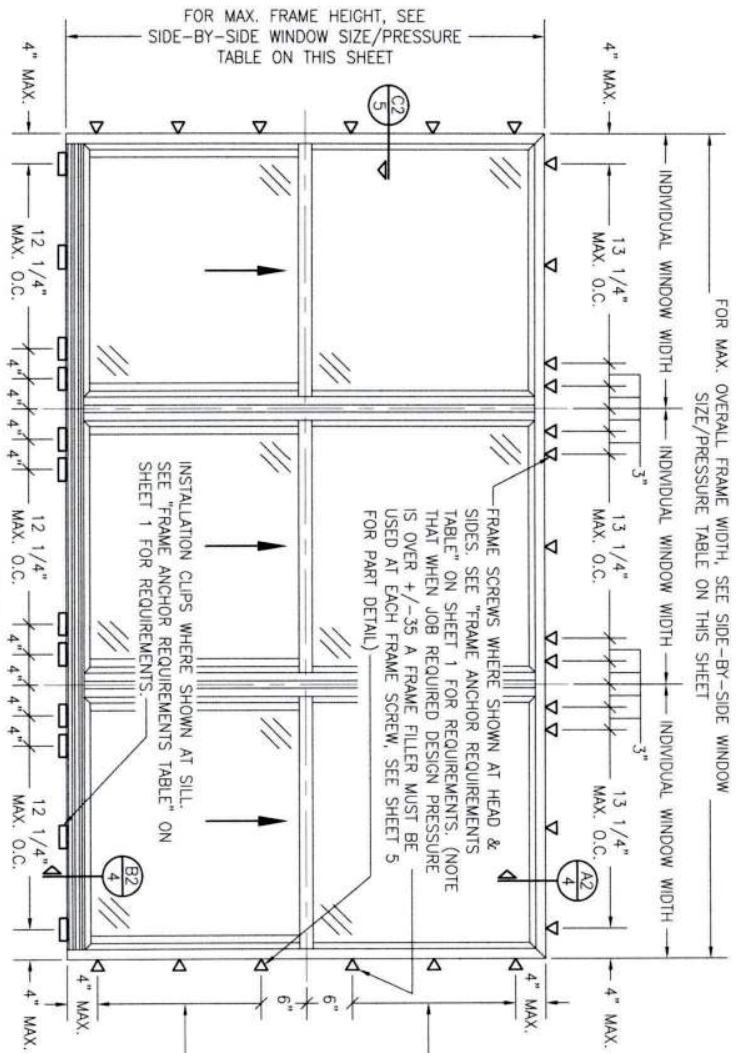
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000



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**

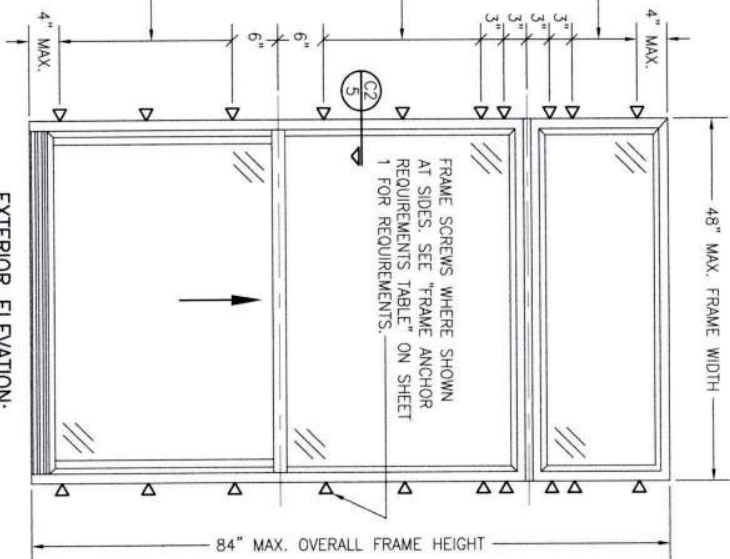
SCALE: 3/4" = 1'-0"

(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: W.B.M.		CHECKED BY: W.B.M.	
					DATE: 02/05/14			
					PL01: 1-16			
NO.	REVISION	DESCRIPTION	BY	DATE				

DRAWING TITLE
250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
26376 NADIR ROAD, UNIT 509
PUNTA GORDA, FL 33983
PHONE: 561-744-3424

MANUFACTURER

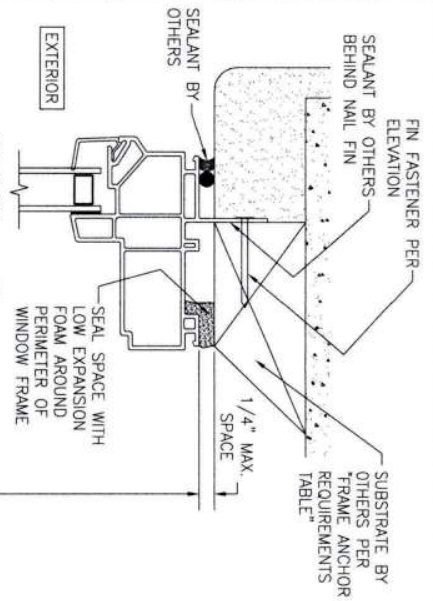


PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000

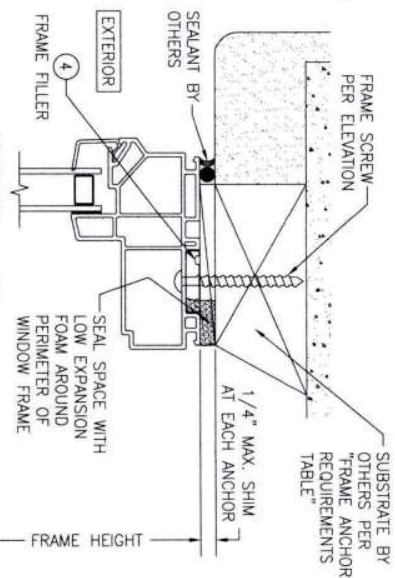
CERTIFICATION

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

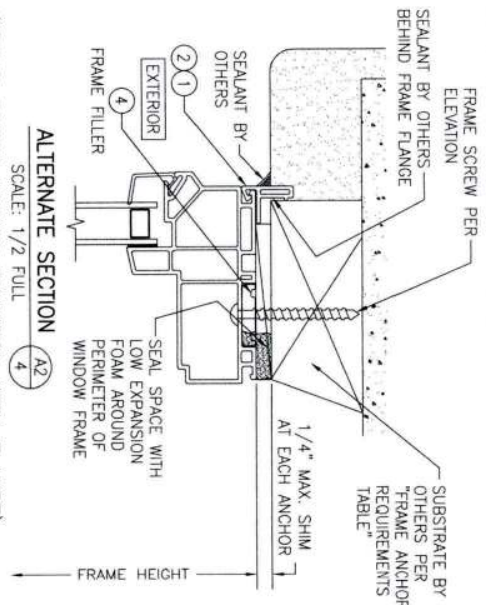
DRAWING NO. 1867
SHEET NO. 3 OF 5



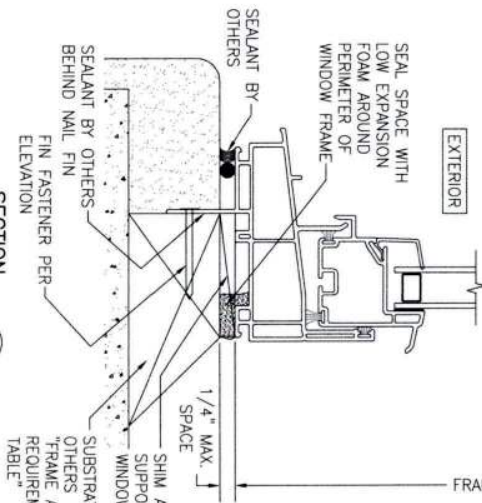
SECTION A1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



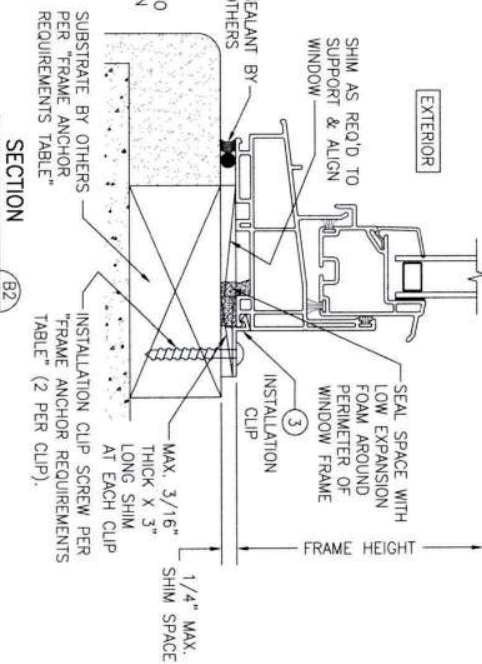
SECTION A2
SCALE: 3/4 FULL
(FRAME SCREW MOUNT CONDITION)



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



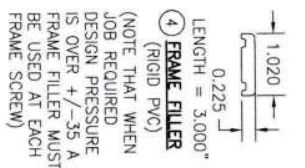
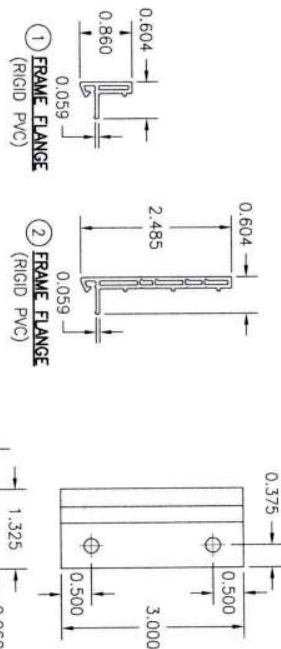
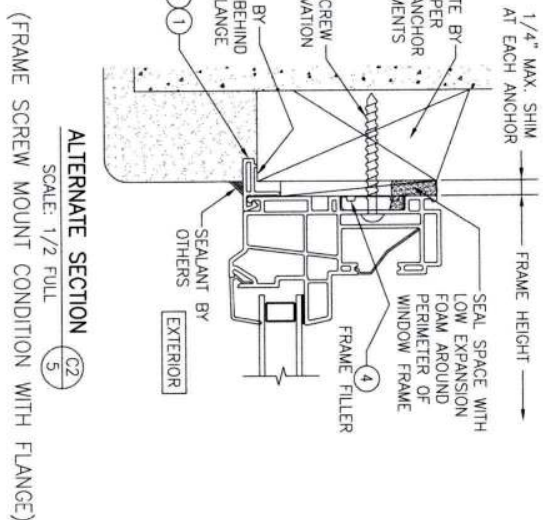
SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



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

NO.	REVISION	DESCRIPTION	BY	DATE
1				
2				
3				
4				
5				

DRAWING NO.	REV.	CERTIFICATION	DRAWING TITLE	CONSULTANTS	MANUFACTURER	PELLA CORPORATION
1867	C	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD; UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		102 MAIN STREET PELLA, IA 50219 641-621-1000



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

[illegible]

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



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#	16812.2
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#: FL16812.2 Model: 250 Series Single Hung Window Description: 48" x 84" vinyl non-impact single window with fully reinforced stiles & rails 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 MATERIALS SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BLOCKING & BLOCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER INTO EXISTING STRUCTURE.
3. ALL FASTENERS 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 WITHOUT BUILDING PERMITS 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) IF CHANGES HAVE OCCURRED TO THE PRODUCT, THE MANUFACTURER SHALL BE NOTIFIED IN WRITING. (5) IF CHANGES HAVE OCCURRED TO THE PRODUCT, THE MANUFACTURER SHALL BE NOTIFIED IN WRITING. (6) IF CHANGES HAVE OCCURRED TO THE PRODUCT, THE MANUFACTURER SHALL BE NOTIFIED IN WRITING. (7) IF CHANGES HAVE OCCURRED TO THE PRODUCT, THE MANUFACTURER SHALL BE NOTIFIED IN WRITING. (8) 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.

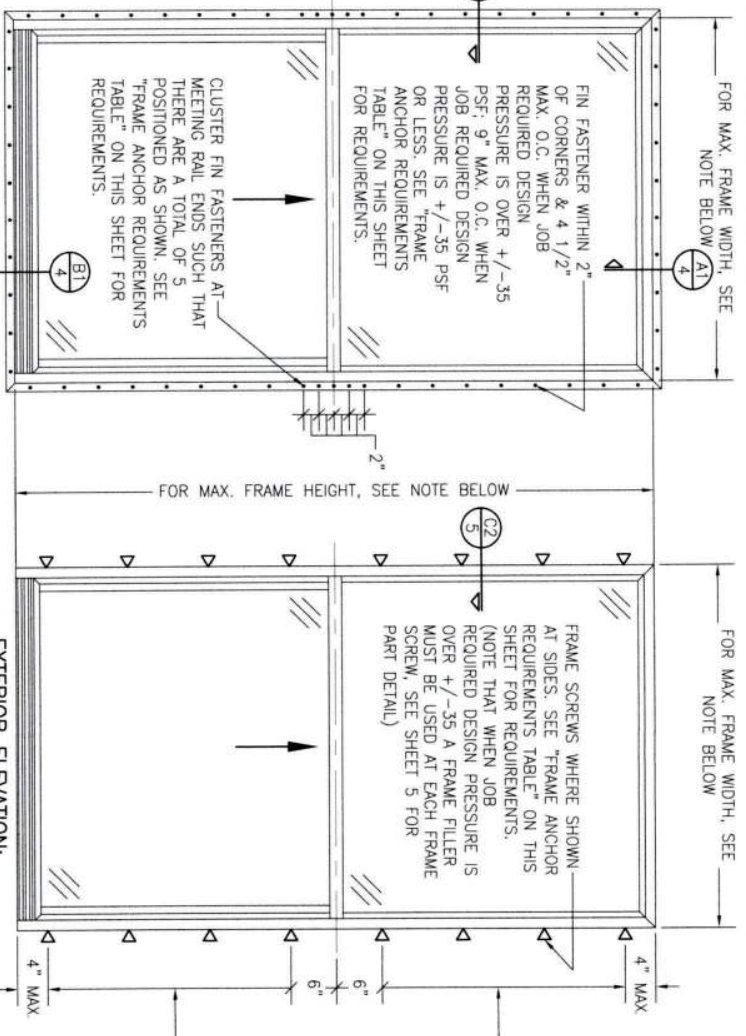
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INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE MODIFIED WITH ANY ONE WINDOW SUCH THAT INDIVIDUAL SIDES OF THE WINDOW MAY USE ONE OR THE OTHER ANCHOR METHOD (EXAMPLE: HEAD MAY USE FRAME SCREWS METHOD WHILE OTHER SIDES USE FIN).

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
(1) FRAME SCREWS			
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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 RAMSEY/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)

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



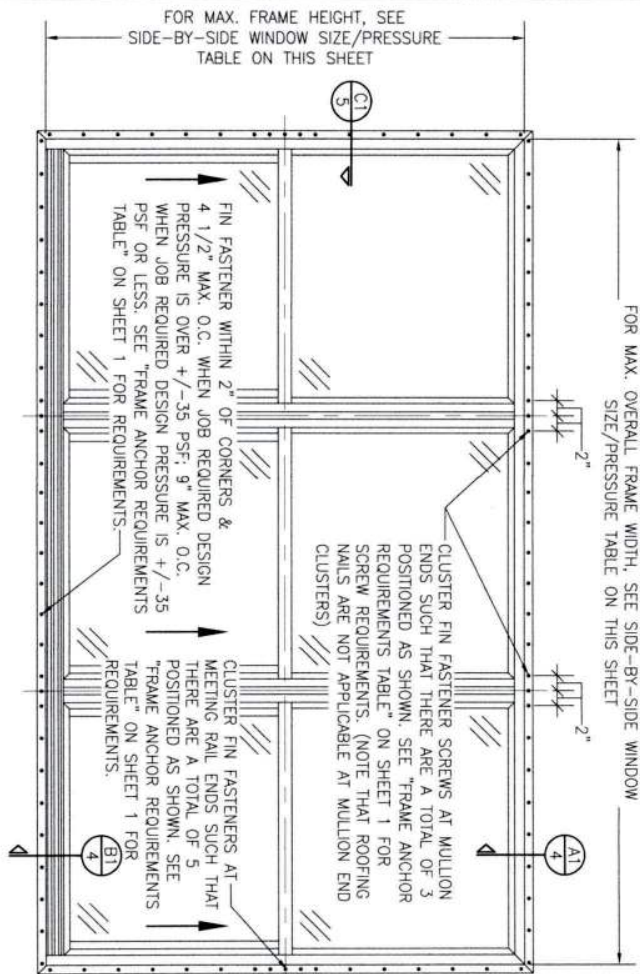
Digitally signed
by Warren W
Schaefer
Date:
2023.03.09
09:33:17 -05'00'

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

ANCHOR/SUBSTRATE EVALUATION NOTE:
ANCHORS AND OTHER 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.

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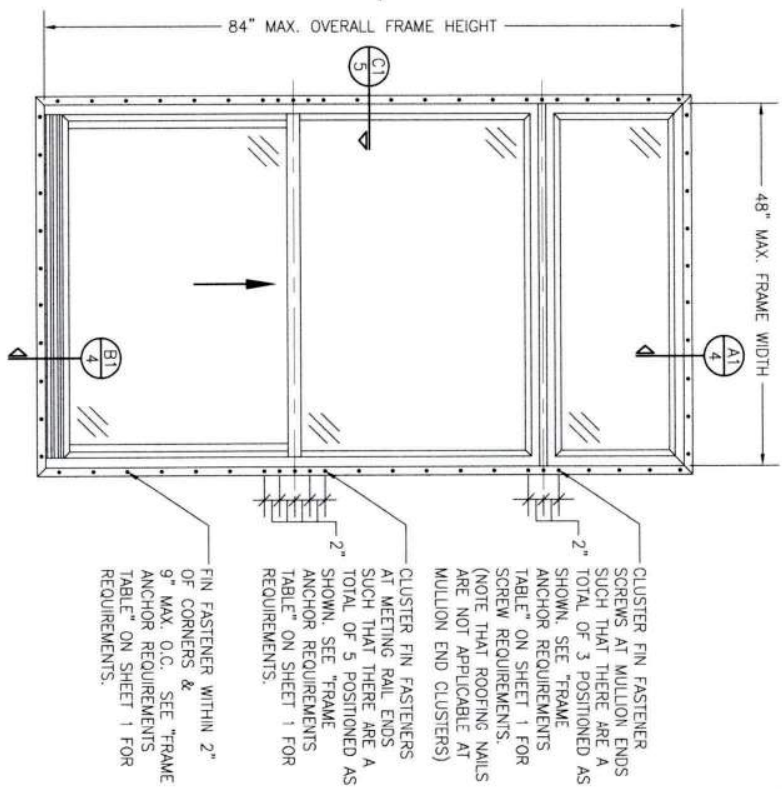
DRAWING NO. 1867		SHEET NO. 1 OF 5	
CERTIFICATION			
DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER Pella PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE FOR NEW TESTING	W.W.S.	03/08/16
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

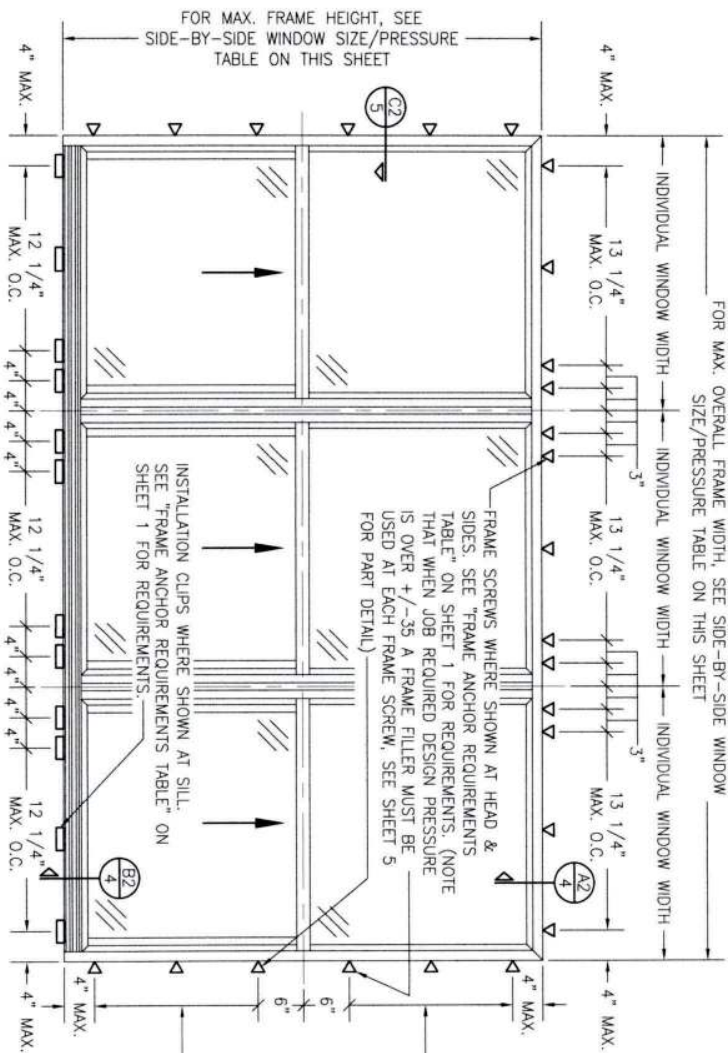
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219
641-621-1000



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

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**

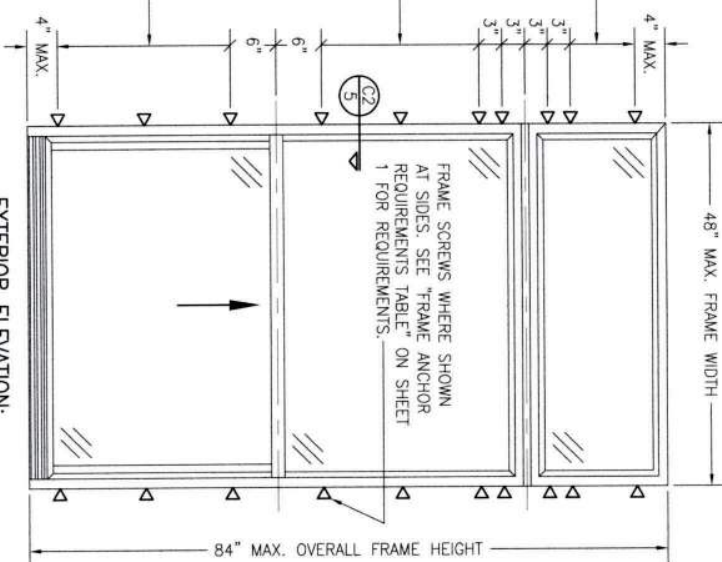
SCALE: 3/4" = 1'-0"

(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.



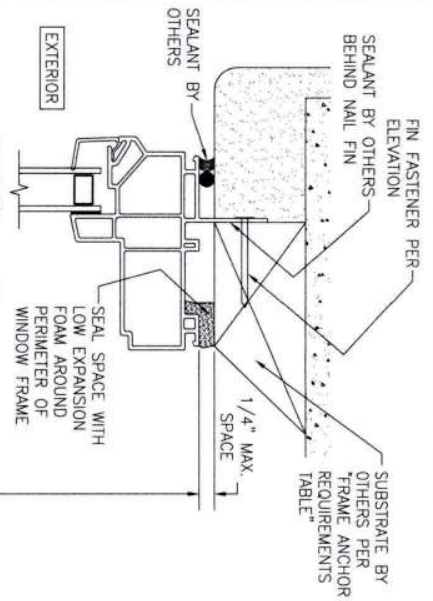
**EXTERIOR ELEVATION:
SINGLE WINDOW WITH TRANSOM**

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

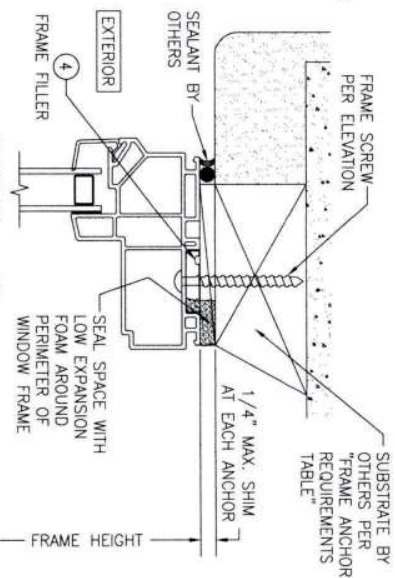
(FRAME SCREW MOUNT CONDITION)

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

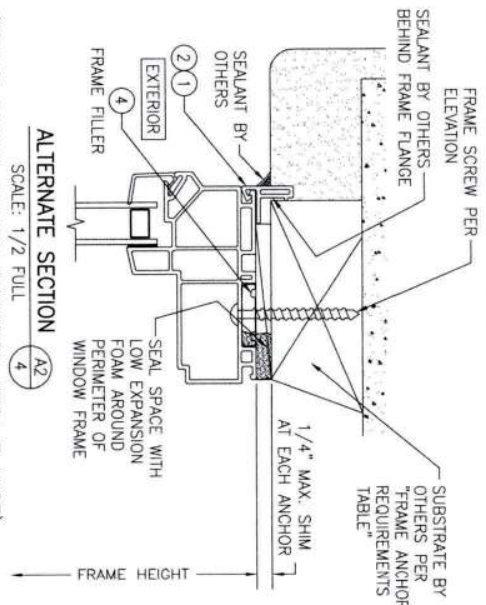
CERTIFICATION DRAWING NO. 1867 SHEET NO. 3 OF 5		DRAWING TITLE 250 SERIES VINYL SINGLE HUNG NON-IMPACT WINDOW		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 26376 NADIR ROAD, UNIT 509 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000		REVISION <table border="1"> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		NO.	REVISION DESCRIPTION	BY	DATE																	DRAWN BY: W.B.M. CHECKED BY: W.B.M. DATE: 02/09/14	
NO.	REVISION DESCRIPTION	BY	DATE																												



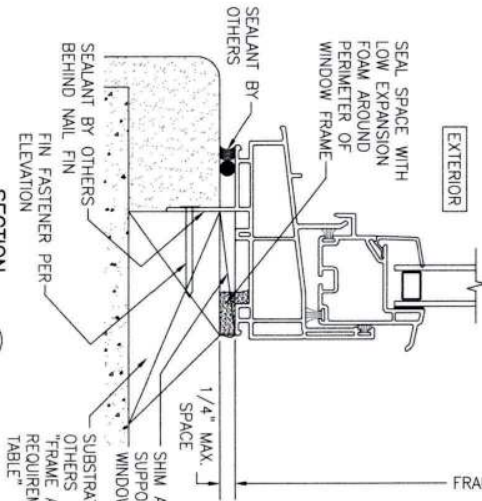
SECTION A1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



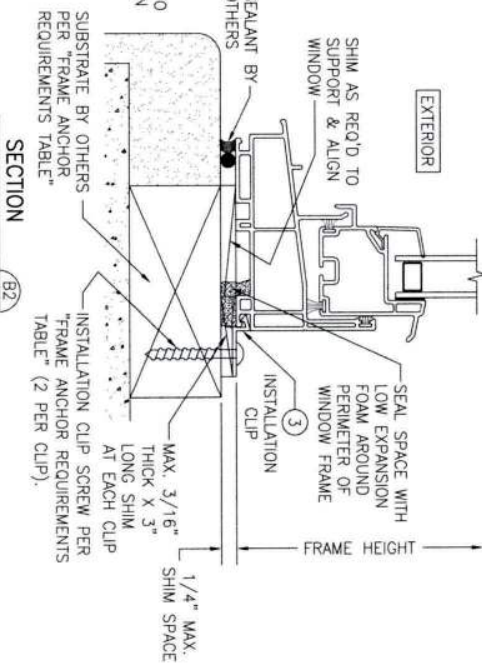
SECTION A2
SCALE: 3/4 FULL
(FRAME SCREW MOUNT CONDITION)



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

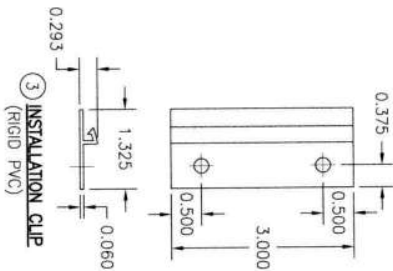
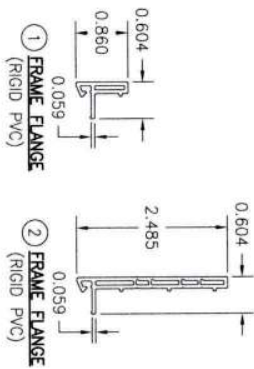
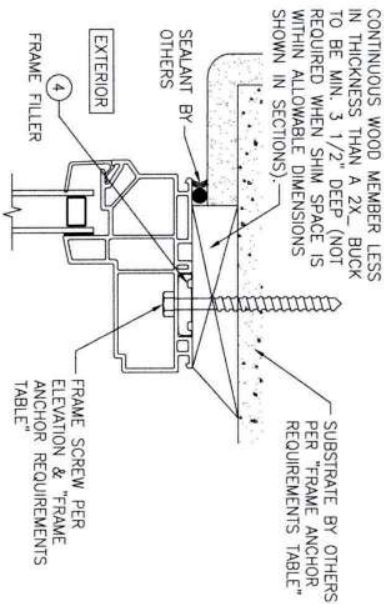
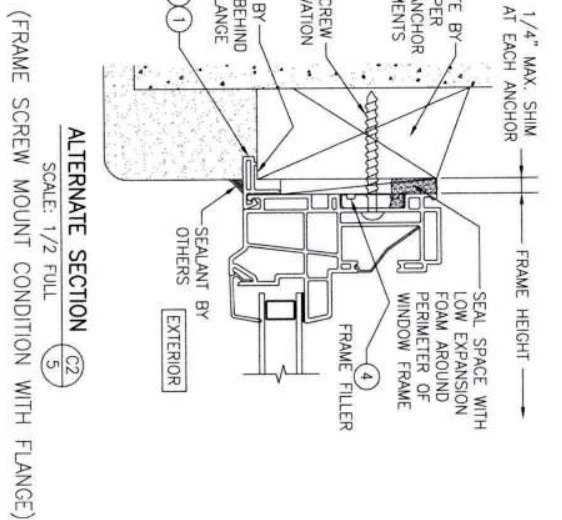
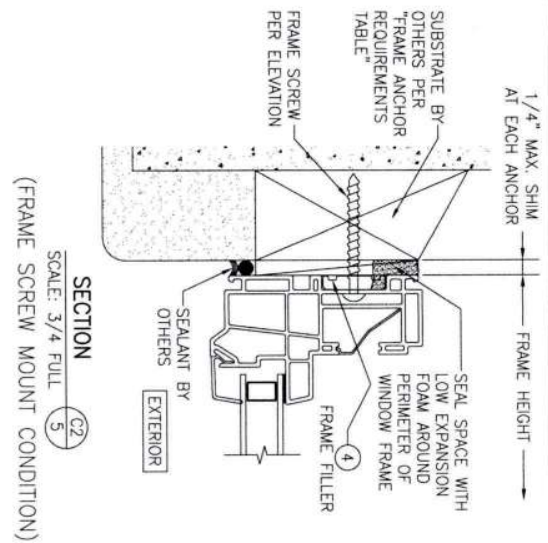
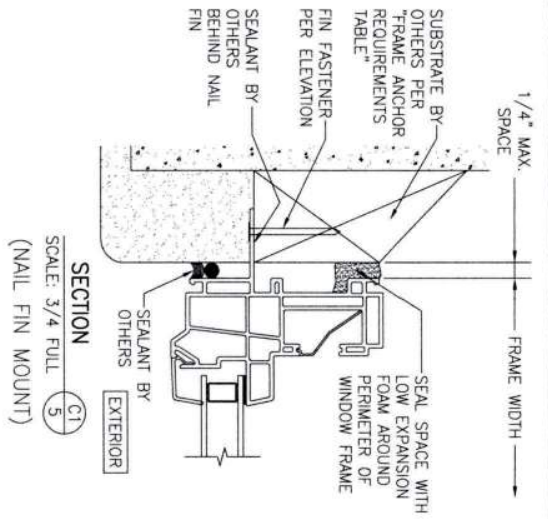


SECTION B1
SCALE: 3/4 FULL
(NAIL FIN MOUNT)



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

DRAWING NO. 1867 REV. C 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		NO.	REVISION	DESCRIPTION	BY	DATE	DRAWN BY: DATE: 07/25/14 CHECKED BY:
		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						



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

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: DATE: 07/26/14		CHECKED BY: DATE: 07/26/14	
REV. C				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													