



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Diebold Nixdorf, Inc.
818 Mulberry Road S.E.
Canton, OH 44707

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SV23185B" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **1909** titled "Series SV23185B HW Aluminum Horizontal Sliding BR Window (LMI)" sheets 1 through 5 of 5, dated 12/15/15, with revision **B1** dated 07/31/18, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Kall, Germany, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA No. **23-0713.17** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




7/27/26

NOA No. 26-0624.05
Expiration Date: July 21, 2031
Approval Date: August 06, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 16-0519.09)
2. Drawing No. **1909** titled "Series SV23185B HW Aluminum Horizontal Sliding BR Window (LMI)" sheets 1 through 5 of 5, dated 12/15/15, with revision **A1** dated 07/31/18, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 18-0905.05)

B. TESTS

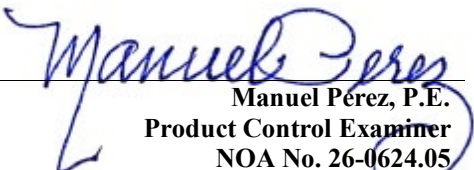
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Large Missile Impact Test per FBC, TAS 201-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal slider w/transaction drawer opening, prepared by Intertek, Inc. Test Report No. **103536819MI-002R1D**, dated 08/15/18, signed and sealed by Gary Hartman, P.E.
(Submitted under NOA No. 18-0905.05)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal slider, prepared by Architectural Testing, Inc. Test Report No. **F3687-02-201-18**, dated 04/14/16, signed and sealed by Joseph A. Reed, P.E.
(Submitted under NOA No. 16-0519.09)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, dated 07/31/18, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 18-0905.05)
2. Glazing complies with **ASTM E1300-04**.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 26-0624.05
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Diebold Nixdorf, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 11/19/20, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** and with **FBC 7th Edition (2020)**, dated July 1, 2023, issued by W. W. Schaefer Engineering & Consulting, P.A. and signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 23-0713.17)
2. Proposal No. **18-0697** issued by the Product Control Section, dated May 7, 2018, signed by Ishaq Chanda, P.E.
(Submitted under NOA No. 07-0403.09)
3. Distributor Agreement between Schneiders-Vetter Glass (manufacturer) and Diebold Nixdorf, Inc. (distributor), dated 10/01/18, signed by Lita Patek(president) and Jaime Howell (VP) for respective companies.
(Submitted under NOA No. 18-0905.05)

G. OTHERS

1. Notice of Acceptance No. **21-0312.17** issued to Diebold Nixdorf, Inc. for their Series "SV23185B" Aluminum Horizontal Sliding Window – L.M.I., approved on 05/06/21 and expiring on 07/21/26.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 26-0624.05
Expiration Date: July 21, 2031
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1909** titled “Series SV23185B HW Aluminum Horizontal Sliding BR Window (LMI)” sheets 1 through 5 of 5, dated 12/15/15, with revision **B1** dated 07/31/18, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. None

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 9th Edition (2026)**, inclusive of a ***Special Limitation of Use and Compliance Requirement*** for anchors used in saltwater environment needing to comply with FBC Chapter 17, and **FBC 8th Edition (2023)**, dated July 1, 2026, issued by W. W. Schaefer Engineering & Consulting, P.A. and signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of independence and of no financial interest, issued by W. W. Schaefer Engineering & Consultant, P. A., dated June 08, 2026, signed and sealed by Warren W. Schaefer, P.E.

G. OTHERS

1. Notice of Acceptance No. **23-0713.17** issued to Diebold Nixdorf, Inc. for their Series “SV23185B” Aluminum Horizontal Sliding Window – L.M.I., approved on 08/10/23 and expiring on 07/21/26.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 26-0624.05
Expiration Date: July 21, 2031
Approval Date: August 06, 2026

The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT PRODUCTS.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
7. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.

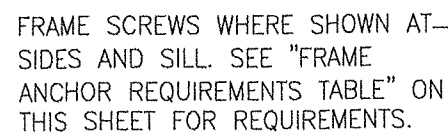
FRAME AT HEAD: HEAD IS BUTTED TO THE SIDE MEMBERS, SEALED WITH SEALANT AND SECURED WITH 4 NO. 10 X 3" & 2 NO. 10 X 2" FL HD PH SMS SCREWS INTO THE HEAD MEMBER SCREW SPLINES.

FRAME AT SILL: SILL IS BUTTED TO THE SIDE MEMBERS, SEALED WITH SEALANT AND SECURED WITH 2 NO. 10 X 3" & 1 NO. 10 X 2" FL HD PH SMS SCREWS INTO THE SILL SCREW SPLINES.

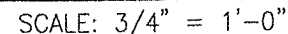
SASH: VERTICAL MEMBERS ARE COPED. HORIZONTAL MEMBERS ARE BUTTED TO THE VERTICAL MEMBERS, SEALED WITH SEALANT, AND SECURED WITH 4 NO. 10 X 3" FL HD PH SMS SCREWS INTO THE HORIZONTAL MEMBER SCREW SPLINES.

ALLOWABLE DESIGN PRESSURE
+65/-75 PSF

OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
(2) MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	7/8"
MIN. 18 GA. 33 KSI METAL STUD	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
INSTALLATION CLIP SCREWS			
(2) MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	7/8"
MIN. 18 GA. 33 KSI METAL STUD	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.). (2) 2X_ BUCKS SHALL BE OF A MINIMUM DEPTH REQUIRED TO MEET ANCHOR EDGE DISTANCE REQUIREMENTS AND ALLOW NEAR FULL BEARING OF WINDOW FRAME.			



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



(FOR ALL DETAIL NOT SHOWN OR SPECIFIED, SEE OTHER ELEVATION)

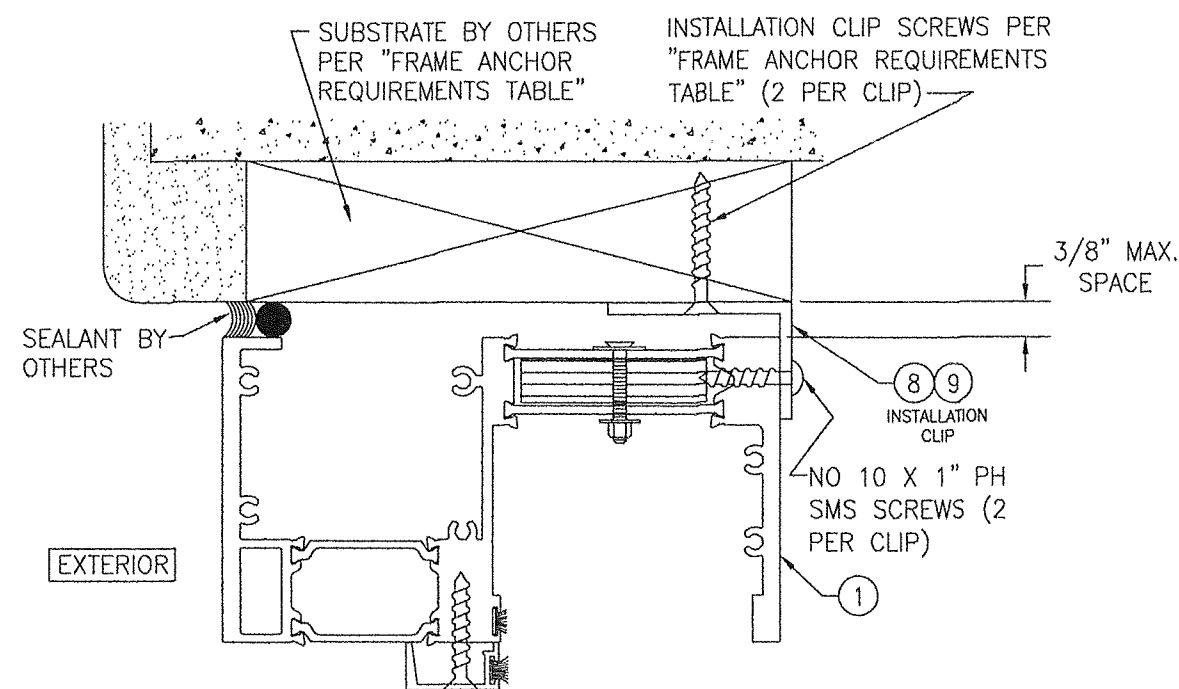
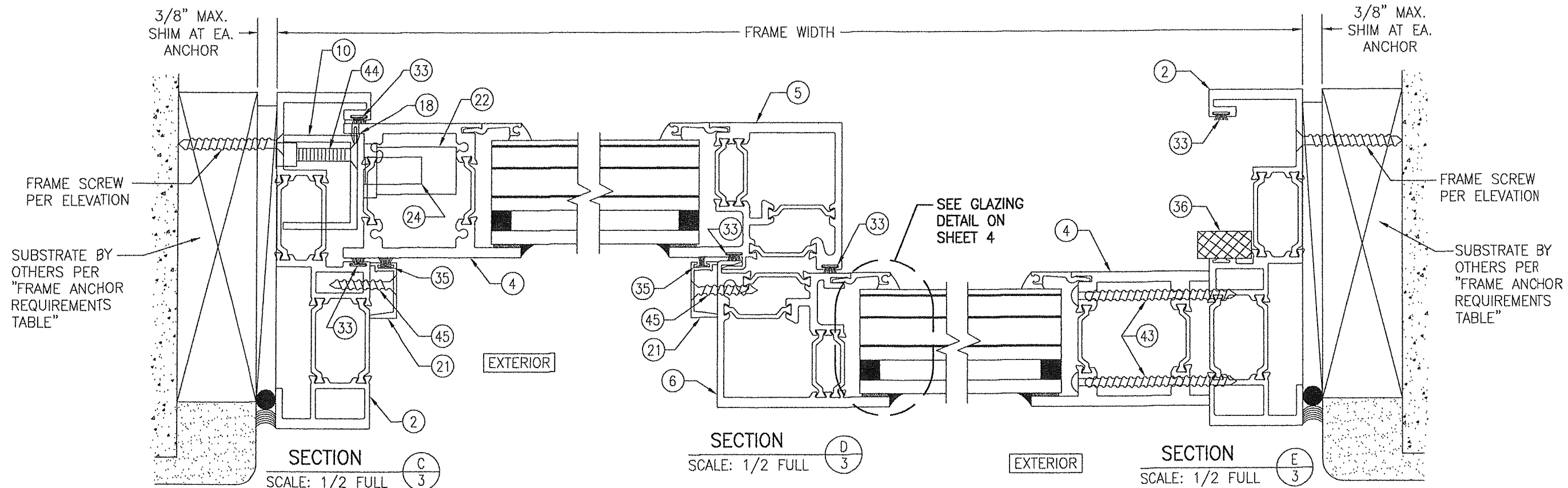
TYPICAL SPACE IN OPENING FOR INSTALLATION OF A TRANSACTION DRAWER (TRANSACTION DRAWER IS SUPPLIED BY OTHERS, IS NOT PART OF THIS APPROVAL, AND MUST BE INSTALLED WATER TIGHT TO THE OPENING AND WINDOW)

PRODUCT REVISED
As complying with the Florida
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Expiration Date: 07/21/2031
By: Manuel Perez
Miami-Dade Product Control

-- FRAME SCREWS WHERE SHOWN AT SIDES AND SILL. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

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 NATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

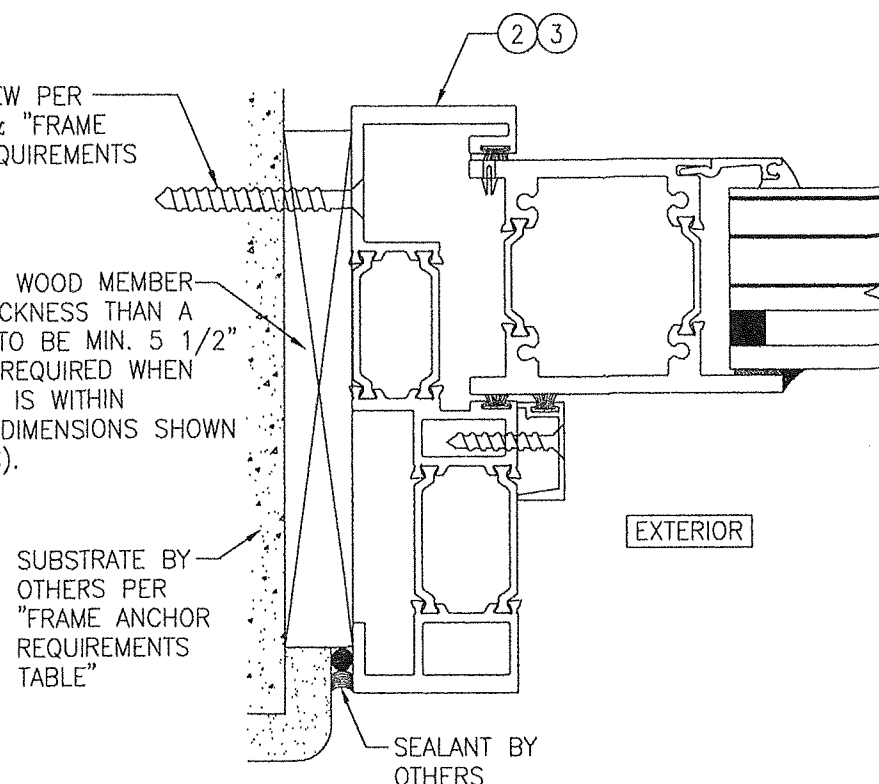
DRAWING NO. 1909	SHEET NO. 1 OF 5	DRAWING TITLE SERIES SV23185B HW ALUMINUM HORIZONTAL SLIDING BR WINDOW (LMI)	DRAWING NO. A1	REVISION DESCRIPTION ADD TRANSACTION DRAWER OPTION	BY W.W.S.	DATE 07/31/18	DRAWN BY: W.W.S.
							CHECKED BY: W.W.S.
CERTIFICATION JUN 08 2026 WARREN W. SCHAEFER P.E. P.E. NO. 44135		CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33983		MANUFACTURER DIEBOLD NIXDORF, INC. 818 MULBERRY ROAD SE CANTON, OH 44707 330-489-4114		PLOT: 1=16	DATE: 12/15/15
		NO. B1		REVISION DESCRIPTION UPDATE BORDER INFO	BY W.W.S.	DATE 07/31/18	



ALTERNATE HEAD INSTALLATION DETAIL
(CLIP FACING INWARD)
(FOR DETAIL NOT SHOWN, SEE SECTIONS A/2 & B/2)

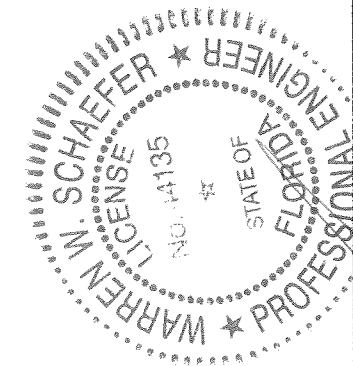
FRAME SCREW PER ELEVATION & "FRAME ANCHOR REQUIREMENTS TABLE"

CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X_ BUCK TO BE MIN. 5 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).

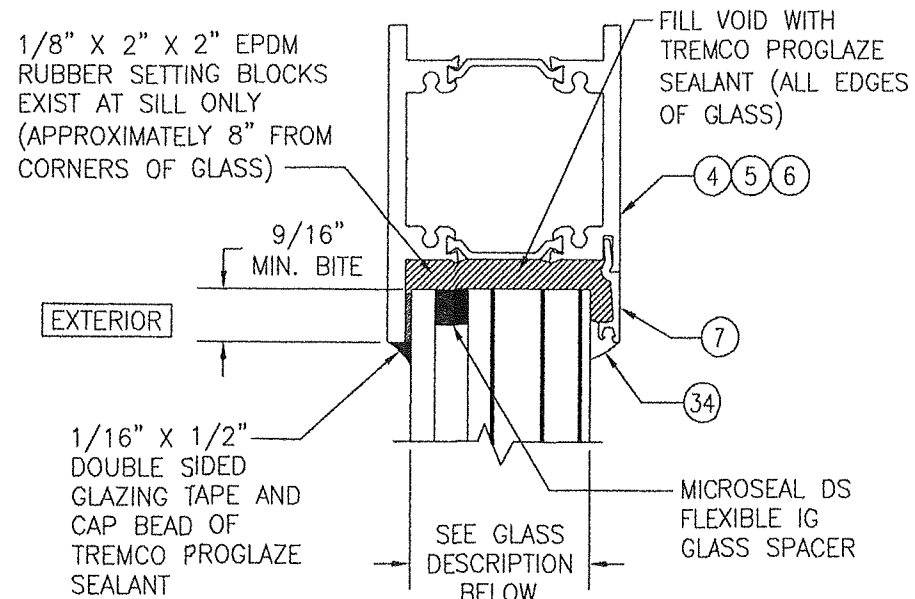


OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER
(SIDE SECTION SHOWN; SILL IS INSTALLED THE SAME)
(DIRECT MOUNT CONDITION IS NOT APPLICABLE AT HEAD)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **26-0624.05**
Expiration Date: **07/21/2031**
By: *Manuel Perez*
Miami-Dade Product Control



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/15/15
DATE	BY
REVISION DESCRIPTION	NO.
SERIES SV23185B HW ALUMINUM HORIZONTAL SLIDING BR WINDOW (LMI)	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33963	MANUFACTURER DIEBOLD NIXDORF, INC. 818 MULBERRY ROAD SE CANTON, OH 44707 330-489-4114
CERTIFICATION JUN 08 2026 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1909 REV. B SHEET NO. 3 OF 5

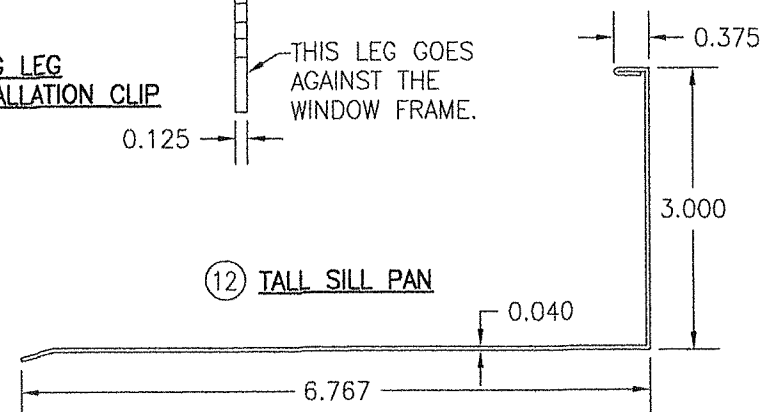
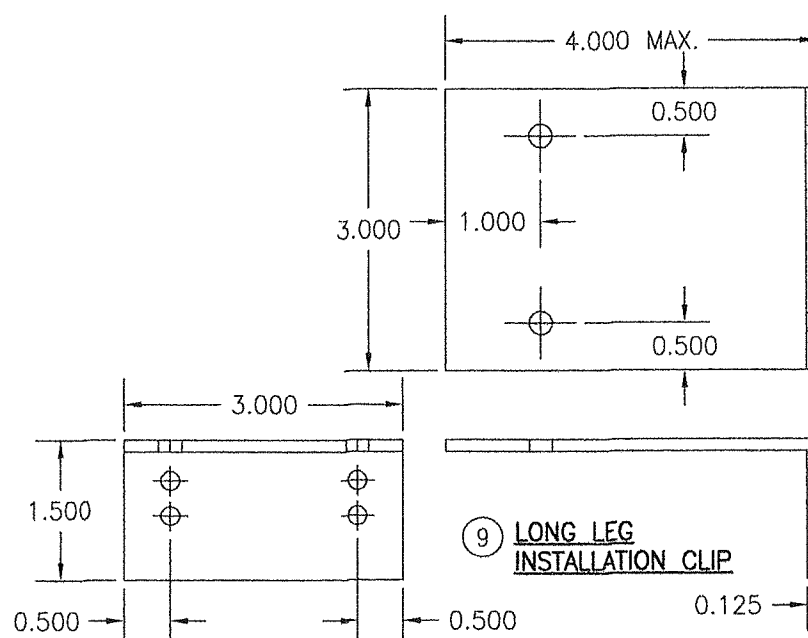
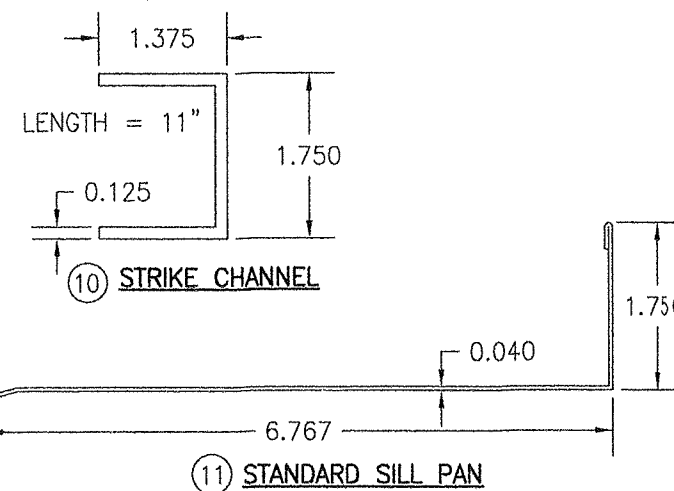
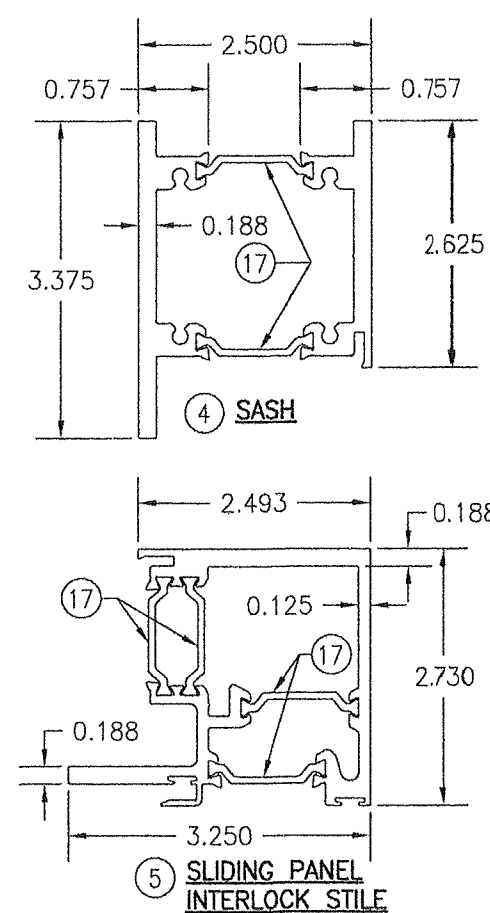
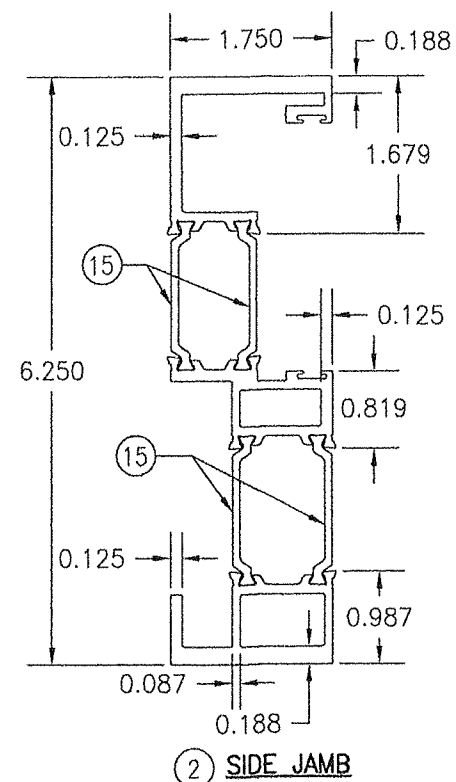
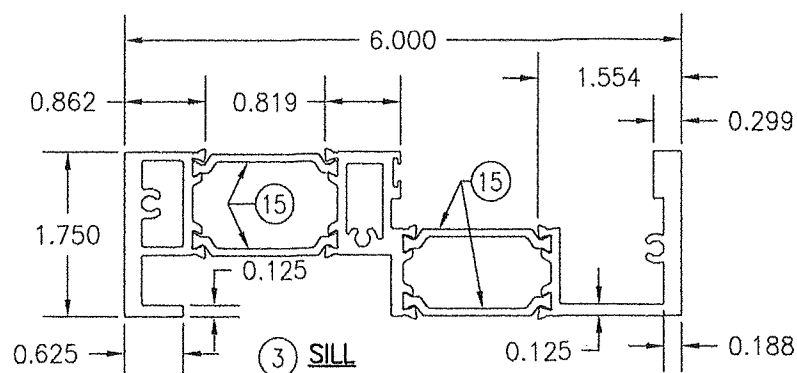
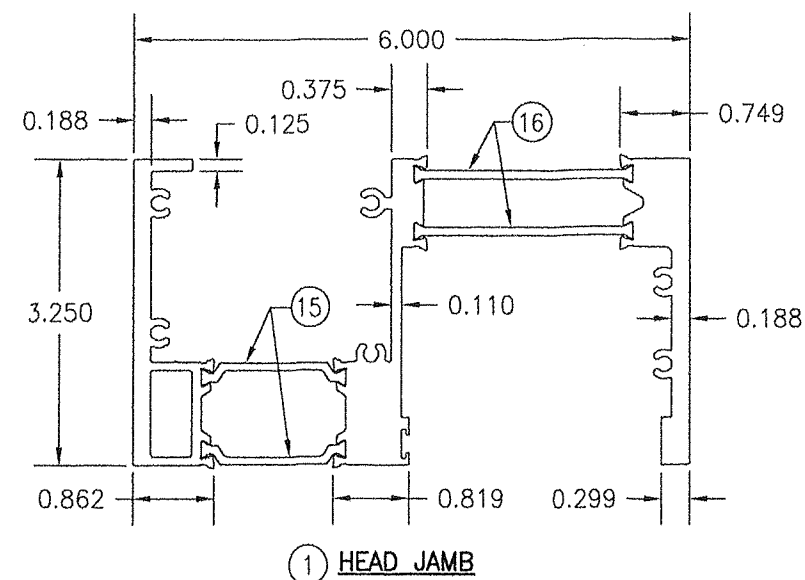
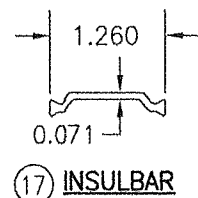
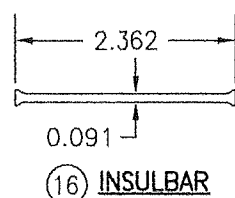
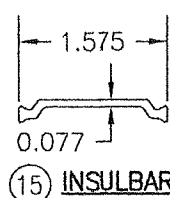
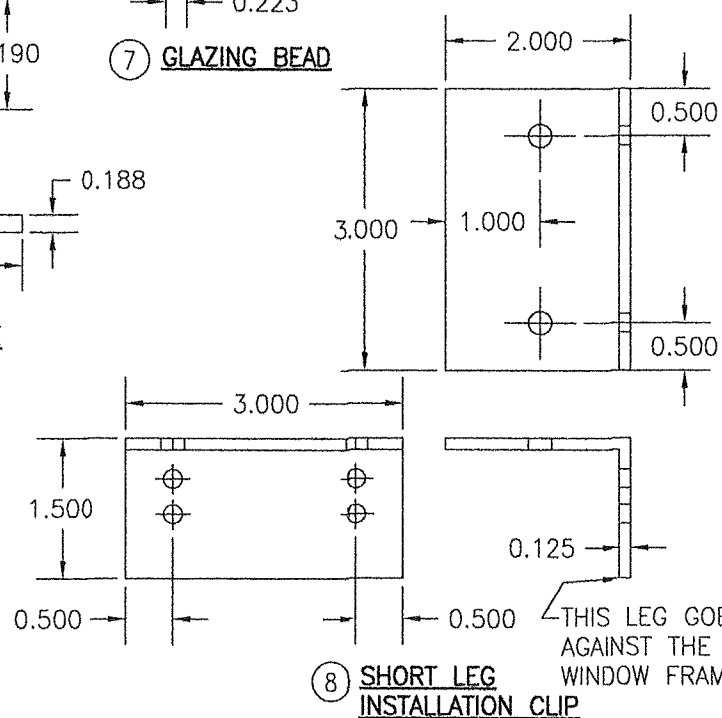
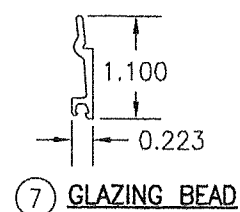
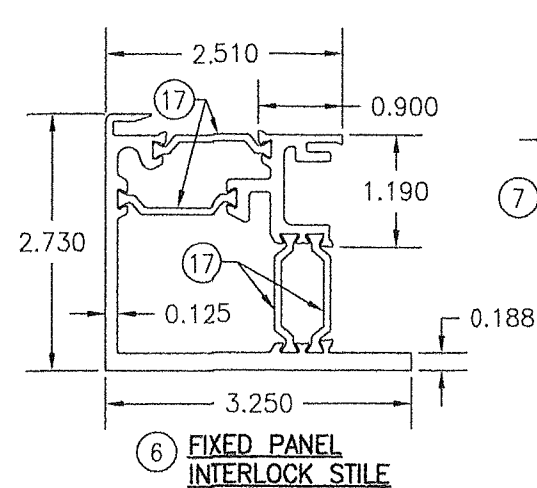


TYPICAL GLAZING DETAIL

GLASS DESCRIPTION:

1 15/16" OVERALL THICK I.G. LAMINATED GLASS (1/4" AN EXTERIOR; 3/8" SPACER; 1/4" AN/0.03 PVB/1/2" AN/0.03 PVB/3/8" AN/0.03 PVB/3/32" AN INTERIOR)

NOTE: PVB IS KURARAY BUTACITE PVB (PREVIOUSLY DUPONT)



PRODUCT REVISED

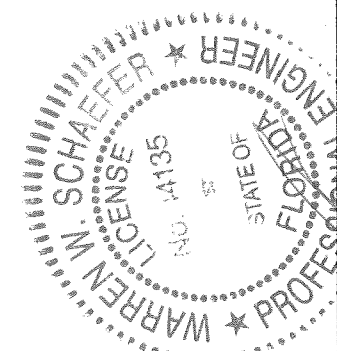
As complying with the Florida Building Code

NOA-No. 26-0624.05

Expiration Date: 07/21/2031

By: *Manuel Perez*

Miami-Dade Product Control



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 12/15/15
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE SERIES SV23185B HW ALUMINUM HORIZONTAL SLIDING BR WINDOW (LMI)	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 25601 AYSEN DRIVE PUNTA GORDA, FL 33983	
MANUFACTURER DIEBOLD NIXDORF, INC. 818 MULBERRY ROAD SE CANTON, OH 44707 330-489-4114	
CERTIFICATION JUN 08 2026 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1909	REV. B
SHEET NO. 4 OF 5	

