



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/building

Custom Window Systems, Inc.
1900 SW 44th Avenue
Ocala, FL 34474

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 "CWS-320 (Fin Frame)" Aluminum Horizontal Rolling Window - N.I.

APPROVAL DOCUMENT: Drawing No. CWS-1257 Rev A (former L8600-0401), titled "CWS 320 Alum Fin-Frame-NI Horizontal Rolling Window", sheets 1 through 8 of 8, dated 05/02/05 and last revised on JUN 09, 2025, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, 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: None. HVHZ approved Hurricane Protection required.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Medley, Florida, 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 NOA No. 23-1017.09 (Lawson Industries, Inc.) and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



4
7/1/25

NOA No. 25-0612.04
Expiration Date: February 23, 2026
Approval Date: July 10, 2025
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. 09-0720.07)
2. Drawing No. **L8600-0401**, titled "HS-8600 Horizontal Rolling Fin Window", sheets 1 through 8 of 8, dated 05/02/05, with revision **D** dated 07/31/20, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 20-0813.03)

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) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4533**, dated 06/22/05, **FTL-4541**, dated 06/24/05, **FTL-4429**, dated 06/24/05 and **FTL-4413**, dated 06/23/05, all signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0919.04)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4578**, dated 06/24/05 and **FTL-4456**, dated 06/23/05, both signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0919.04)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-4553**, dated 06/22/05, **FTL-4547**, dated 06/23/05, **FTL-4588**, dated 06/24/05, **FTL-4594**, dated 06/24/05 and **FTL-4457**, dated 06/24/05, all signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0919.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, dated 08/17/05 and 10/20/10, prepared by manufacturer, both signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 10-1025.03)
2. Glazing complies with ASTM E1300-04/09

Ishaq J. Chanda

Ishaq J. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-0612.04
Expiration Date: February 23, 2026
Approval Date: July 10, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated August 03, 2020, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 20-0813.03)
2. Statement letter of no financial interest, dated August 15, 2005, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 05-0919.04)
3. Laboratory compliance letter for Test Reports No. **FTL-4533** dated 06/22/05, **FTL-4541** dated 06/24/05, **FTL-4429** dated 06/24/05, **FTL-4413** dated 06/23/05, **FTL-4578** dated 06/24/05, **FTL-4456** dated 06/23/05, **FTL-4553** dated 06/24/05, **FTL-4547** dated 06/23/05, **FTL-4588** dated 06/24/05, **FTL-4594** dated 06/24/05 and **FTL-4457** dated 06/24/05, all issued by Fenestration Testing Laboratory, Inc., signed and sealed by Edmundo J. Largaespada, P.E.
(Submitted under NOA No. 05-0919.04)

G. OTHERS

1. Notice of Acceptance No. **17-1212.15**, issued to Lawson Industries, Inc. for their Series "HS-8600 (Fin-Frame)" Aluminum Horizontal Sliding Window – N.I., approved on 02/01/18 and expiring on 02/23/21.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0612.04

Expiration Date: February 23, 2026

Approval Date: July 10, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **L8600-0401**, titled “HS-8600 Horizontal Rolling Fin Window”, sheets 1 through 8 of 8, dated 05/02/05, with revision **E** dated 10/09/23, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series SH-7700 aluminum single hung window and a series PW-4000/6000 aluminum fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-23-8049** and **HETI-23-8048**, both dated 07/24/23, signed and sealed by Ram N. Tewari, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

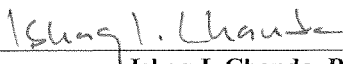
1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated October 12, 2023, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Statement letter of no financial interest, dated October 12, 2023, issued by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
3. Proposal No. **23-0461R** issued by Product Control Section, dated June 13, 2023, and revised on June 16, 2023, signed by Manuel Perez, P.E.

G. OTHERS

1. Notice of Acceptance No. **20-0813.03**, issued to Lawson Industries, Inc. for their Series “HS-8600 (Fin-Frame)” Aluminum Horizontal Sliding Window – N.I., approved on 10/15/20 and expiring on 02/23/26.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-0612.04
Expiration Date: February 23, 2026
Approval Date: July 10, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **CWS-1257 Rev A (former L8600-0401)**, titled "CWS 320 Alum Fin-Frame-NI Horizontal Rolling Window", sheets 1 through 8 of 8, dated 05/02/05 and last revised on JUN 09, 2025, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS (Submitted under previous approval)

1. None

C. CALCULATIONS (Submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

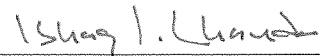
1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 8th Edition (2023), No financial interest to the lab and the DWG is the same as NOA# **23-1017.09** dated June 09, 2025, signed and sealed by Thomas J. Sotos, P.E.
2. Statement letter dated June 25, 2025, issued by Custom Window Systems, Inc. (CWS) that they have legally purchased all assets of (18) listed NOA(s) from Lawson Industries, Inc. and requesting that new corresponding NOA(s) be issued to CWS name. Also, CWS request that (18) listed Private label Agreement NOA(s) between Lawson Industries Inc. and Custom Window System are to be rescinded, signed by Kevin Pine, Vice President CWS.
3. Statement letter dated June 5, 2025, confirming that Custom Window System, Inc. is a wholly owned subsidiary of Pella corporation, signed by Chantel Kramme, Secretary Pella Corp.
4. Statement letter dated June 10, 25 issued by Lawson Industries LLC, that they have legally sold all assets of existing NOA(s) listed in this letter, know how, equipment/machinery and given up all the rights and request to rescind these NOA(s), signed by Harold Bailey, President Lawson Industry, LLC.

G. OTHERS

1. This NOA **revises NOA No. 23-1017.09** (former Lawson Industries, Inc.), expiring 02/23/26.
2. Bill of Sales dated Nov. 28, 2023, between CWS-SF, LLC (Buyer) and Lawson Industries, Inc. (seller), signed by Nicolas Cross (president CWS) and Harold Baily (president Lawson industries).
4. FLA Division of Corporation listing of Custom Window System Inc., as active status since 04/11/1986.
3. Meeting summary dated 05/15/25, and 06/24/25, issued by RER, Product Control Section.
4. NOA # **23-1017.09**, issued to Lawson Industries Inc. for series "HS-8600 (fin Frame) Alum Horizontal Rolling Window-NI, expiring 02/23/2026. **(This NOA to be rescinded)**.
5. NOA #**24-0116.17**, issued to Custom windows System Inc., for the series "CWS-320 Alum Horizontal Rolling Window-NI, expiring 02/23/2026. **(This Private label NOA with Lawson Industries Inc., to be rescinded)**.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-0612.04

Expiration Date: February 23, 2026

Approval Date: July 10, 2025

CWS 320 ALUMINUM HORIZONTAL SLIDING WINDOW - FIN FRAME - (NON-IMPACT)

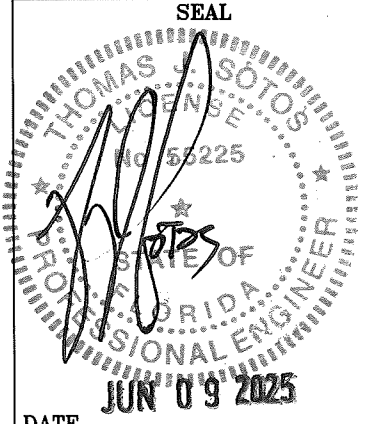


1900 SW 44TH AVE.
OCALA, FLORIDA 34474
WWW.CWS.CC

CWS 320 ALUMINUM
FIN FRAME NON-IMPACT
HORIZONTAL ROLLING WINDOW

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-1017.09	NE	05/15/25

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

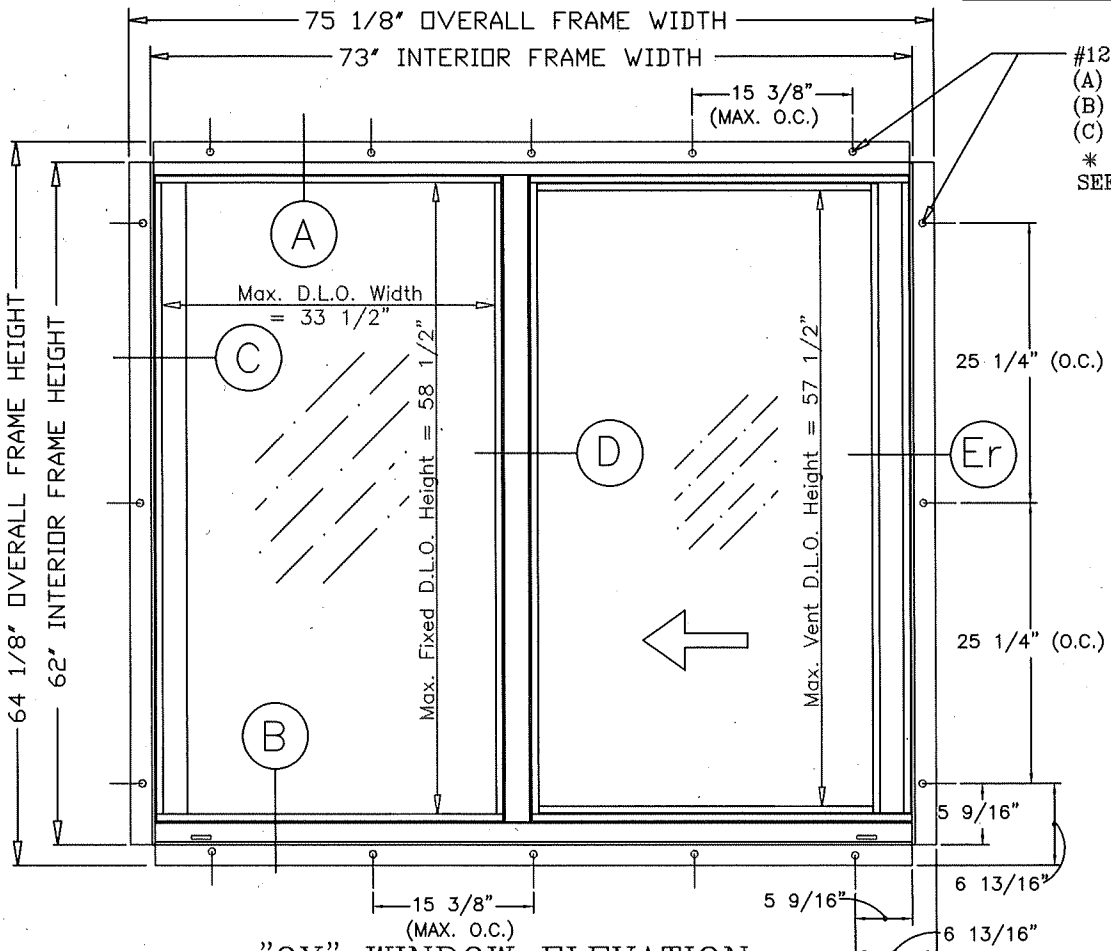


DATE
SHEET DESCRIPTION:
APPROVED ELEVATIONS,
CONFIGURATIONS AND
NOTES

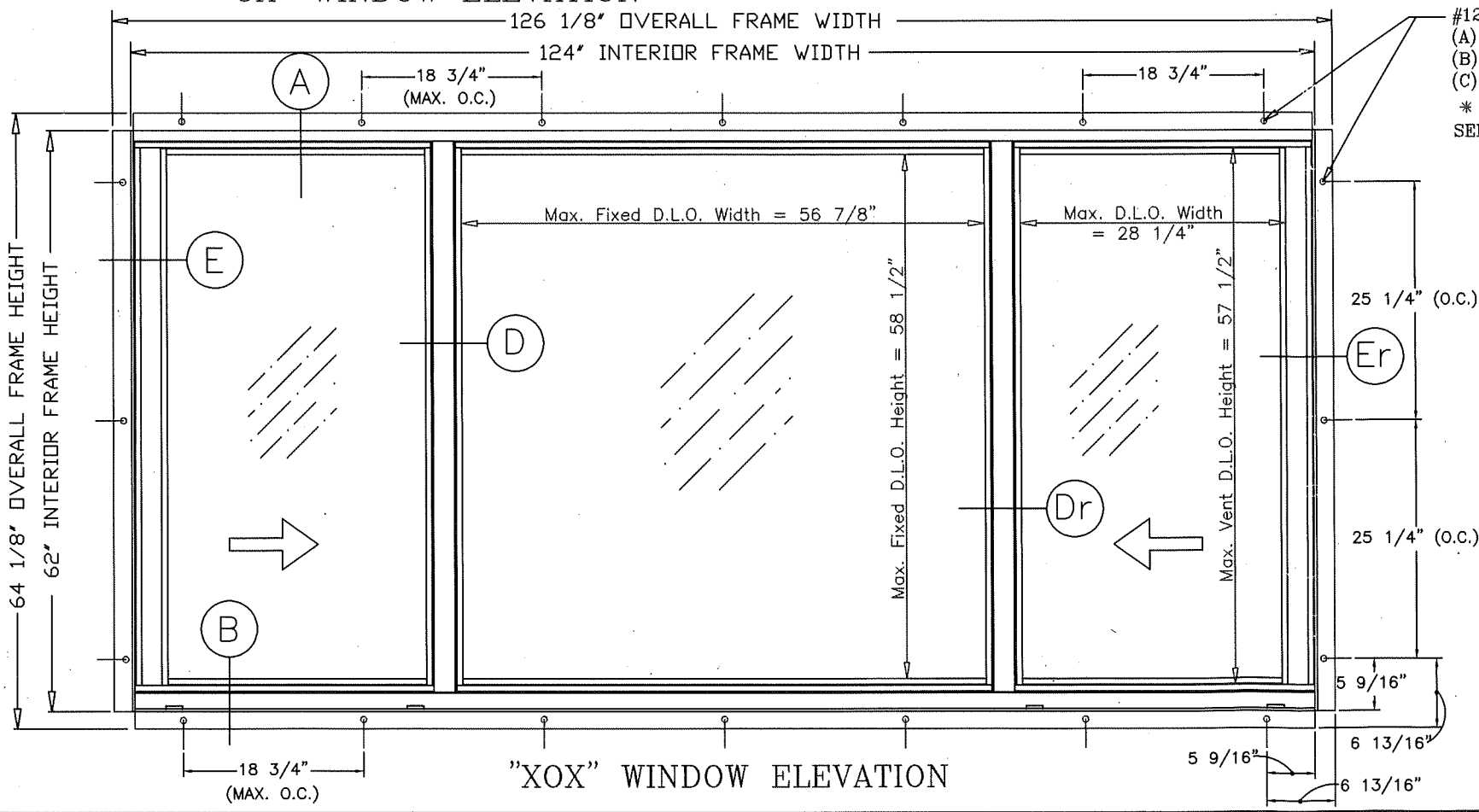
DRAWN BY:	DATE:
NELSON ERAZO	11/17/2023
REV. BY:	DATE:
N.E.	05/15/2025
DWG #:	REV #:
CWS-1257	A
SCALE:	SHEET
AS NOTED	1 OF 8

General Notes:

- 1.) THIS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2020-7th Edition & 2023-8th Edition) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) AND ASTM 1300-09. THIS PRODUCT IS NOT IMPACT RESISTANT. WINDOWS ARE TO BE PROTECTED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS.
- 2.) 2 X WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH REQUIREMENTS OF THE F.B.C. & TO BE REVIEWED BY BUILDING OFFICIAL.
- 3.) ANCHORS SHOWN ABOVE ARE AS PER TEST UNITS. ON CENTER (O.C.) ANCHOR SPACINGS WILL VARY WITH UNIT DIMENSIONS, AND THE NUMBER OF ANCHORS REQUIRED, AS SPECIFIED ON THE LOAD TABLES.
- 4.) ANCHOR CONDITIONS NOT DESCRIBED IN THESE DRAWING'S ARE TO BE ENGINEERED ON A SITE SPECIFIC BASIS, UNDER SEPARATE APPROVAL AND TO BE REVIEWED BY BUILDING OFFICIAL.
- 5.) XO or OX WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE GLASS TYPES TABULATED HEREIN (SEE SHEET #5).
- 6.) XOx WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE GLASS TYPES TABULATED HEREIN (SEE SHEET #6).
- 7.) XO, OX, XOx WINDOWS ARE QUALIFIED FOR USE WITH DOUBLE GLAZE GLASS TYPES TABULATED HEREIN (SEE SHEET #7).
- 8.) SEE SHEET 4 FOR LOCK DETAILS & OPTIONS.
- 9.) SEE SHEET 4 FOR GLAZING DETAILS & OPTIONS. (REFER TO SHEETS 5, 6, & 7 FOR DESIGN PRESSURES.
- 10.) TEMPERED GLASS MAY BE USED, BUT DESIGN PRESSURES ARE LIMITED TO LOAD TABLES ON SHEETS 5, 6, & 7.
- 11.) WOOD OPENING SHALL BE PROTECTED WITH AN APPROVED MOISTURE RESISTANT WEATHERBARRIER (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #8 FOR DETAIL)
- 12.) MATERIALS: INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.



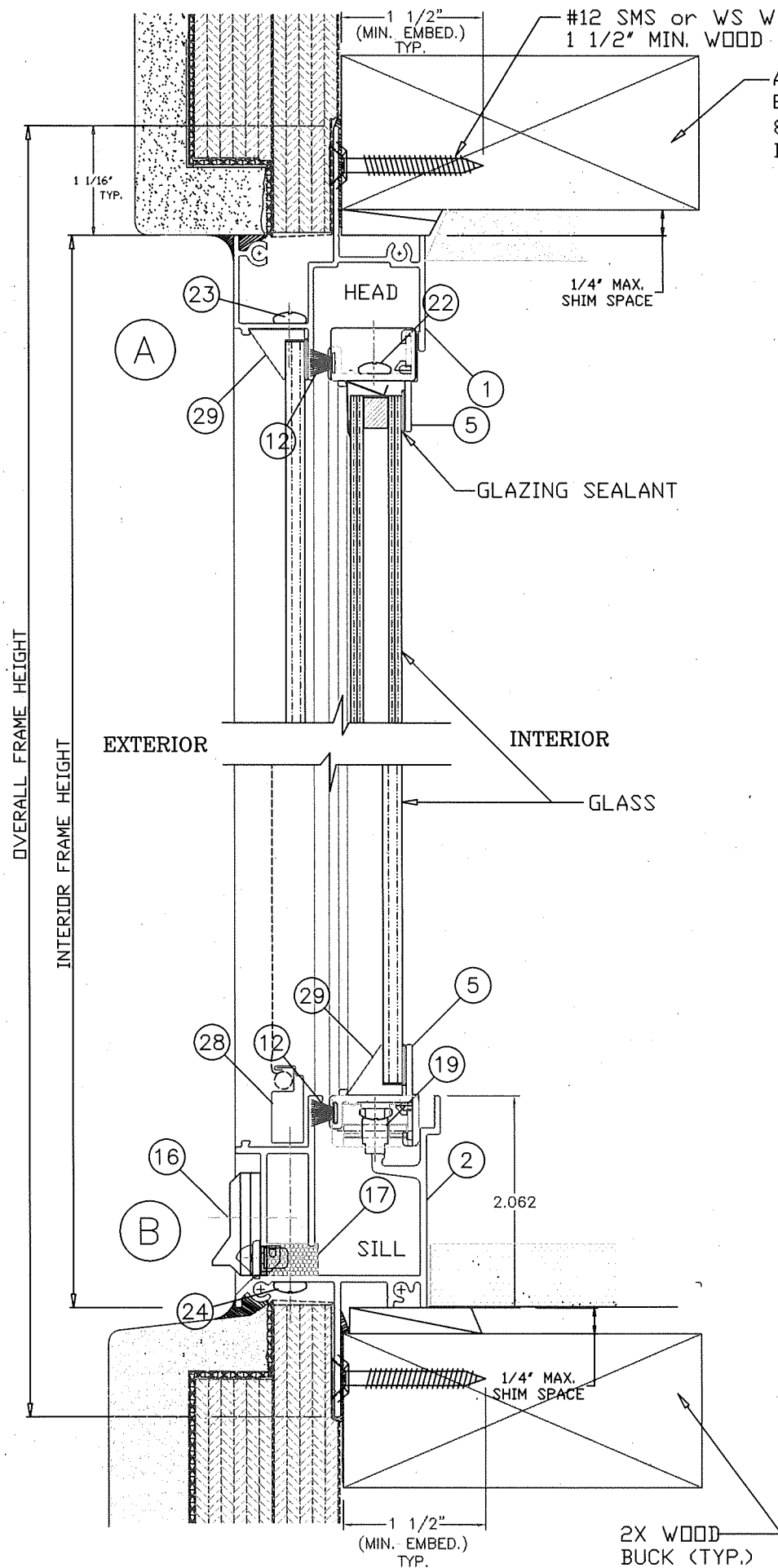
"OX" WINDOW ELEVATION



"XOX" WINDOW ELEVATION

WINDOWS ARE TO BE PROTECTED WITH
MIAMI-DADE COUNTY APPROVED IMPACT
RESISTANT SHUTTERS

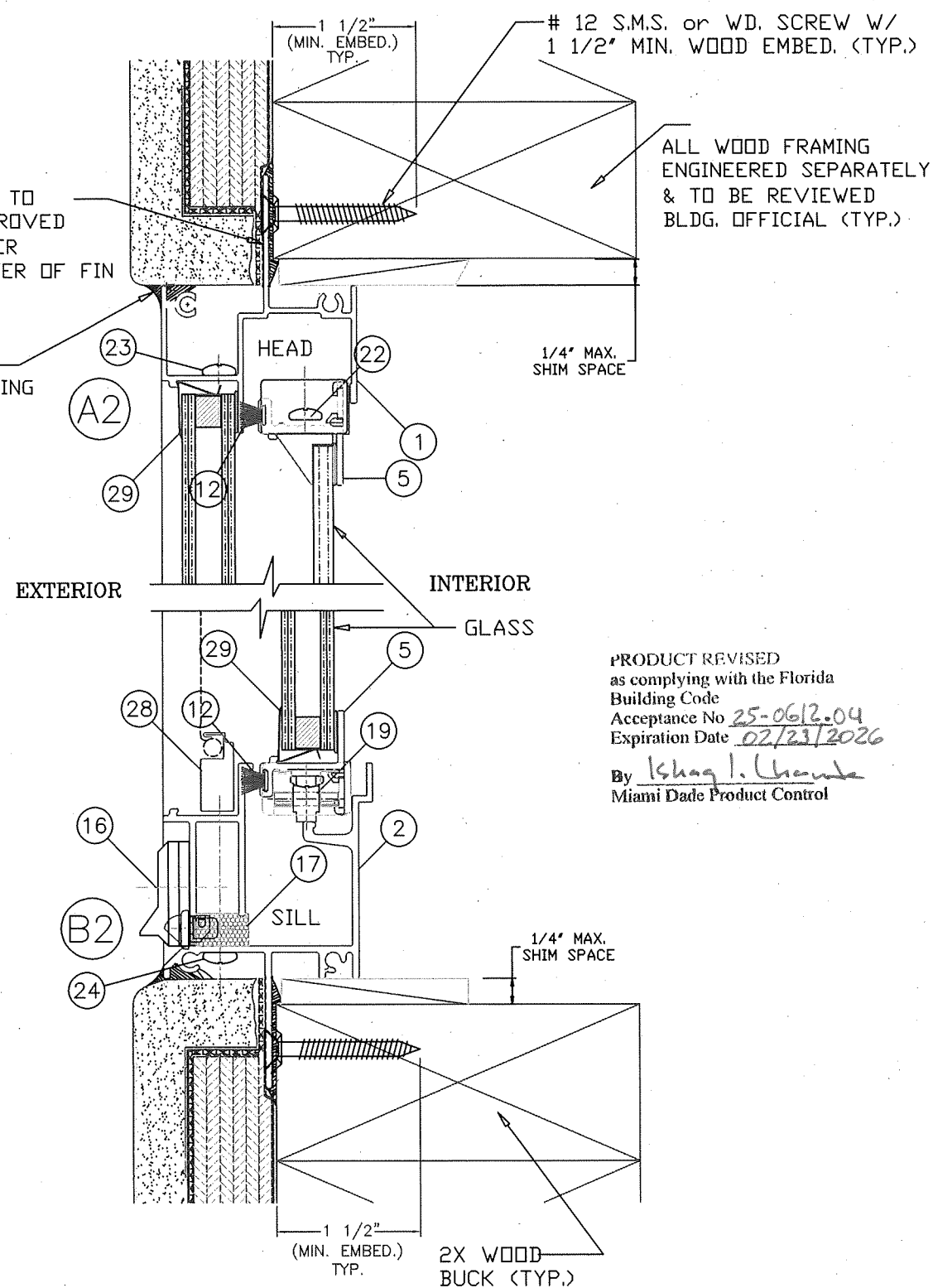
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0612.04
Expiration Date 02/23/2026
By Ishag I. Chumbe
Miami Dade Product Control



EXPOSED WINDOW FRAME FIN TO BE PROTECTED WITH AN APPROVED MOISTURE / WEATHER BARRIER THROUGHOUT ENTIRE PERIMETER OF FIN BY OTHERS (TYP.)

EXTERIOR GRADE PERIMETER CAULKING BY OTHERS (TYP.)

SILL W/ 1/2" RISER ADAPTER (FIELD APPLIED W/ CLEAR SILICONE)



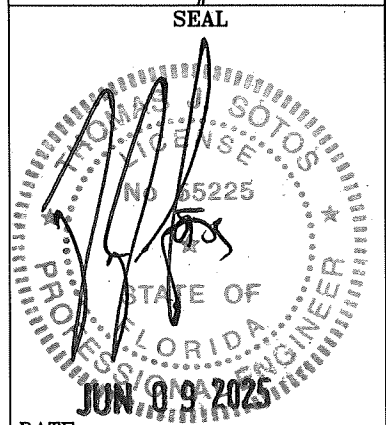
NOTE:
ALL ANCHORS TO BE #12 SMS OR WD. SCREW WITH A MINIMUM OF 1 1/2" PENETRATION INTO WOOD. (REFER TO LOAD TABLES FOR QUANTITIES REQUIRED)

* WHEN THE GAP BETWEEN THE WINDOW FRAME AND THE BUCK IS LESS THAN 1/8", SHIMS ARE NOT REQUIRED.

**CWS 320 ALUMINUM
FIN FRAME NON-IMPACT
HORIZONTAL ROLLING WINDOW**

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-1017.09	N.E.	05/15/25

**THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225**



DATE
SHEET DESCRIPTION:
**WINDOW VERTICAL CROSS
SECTION & DETAILS**

DRAWN BY: NELSON ERAZO	DATE: 11/17/2023
REV. BY: N.E.	DATE: 05/15/2025
DWG #: CWS-1257	REV #: A
SCALE: AS NOTED	SHEET 2 OF 8



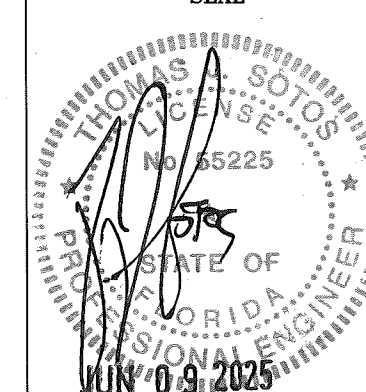
1900 SW 44TH AVE.
OCALA, FLORIDA 34474
WWW.CWS.CC

**CWS 320 ALUMINUM
FIN FRAME NON-IMPACT
HORIZONTAL ROLLING WINDOW**

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-1017.09	N.E.	05/15/25

**THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225**

SEAL



DATE
SHEET DESCRIPTION:

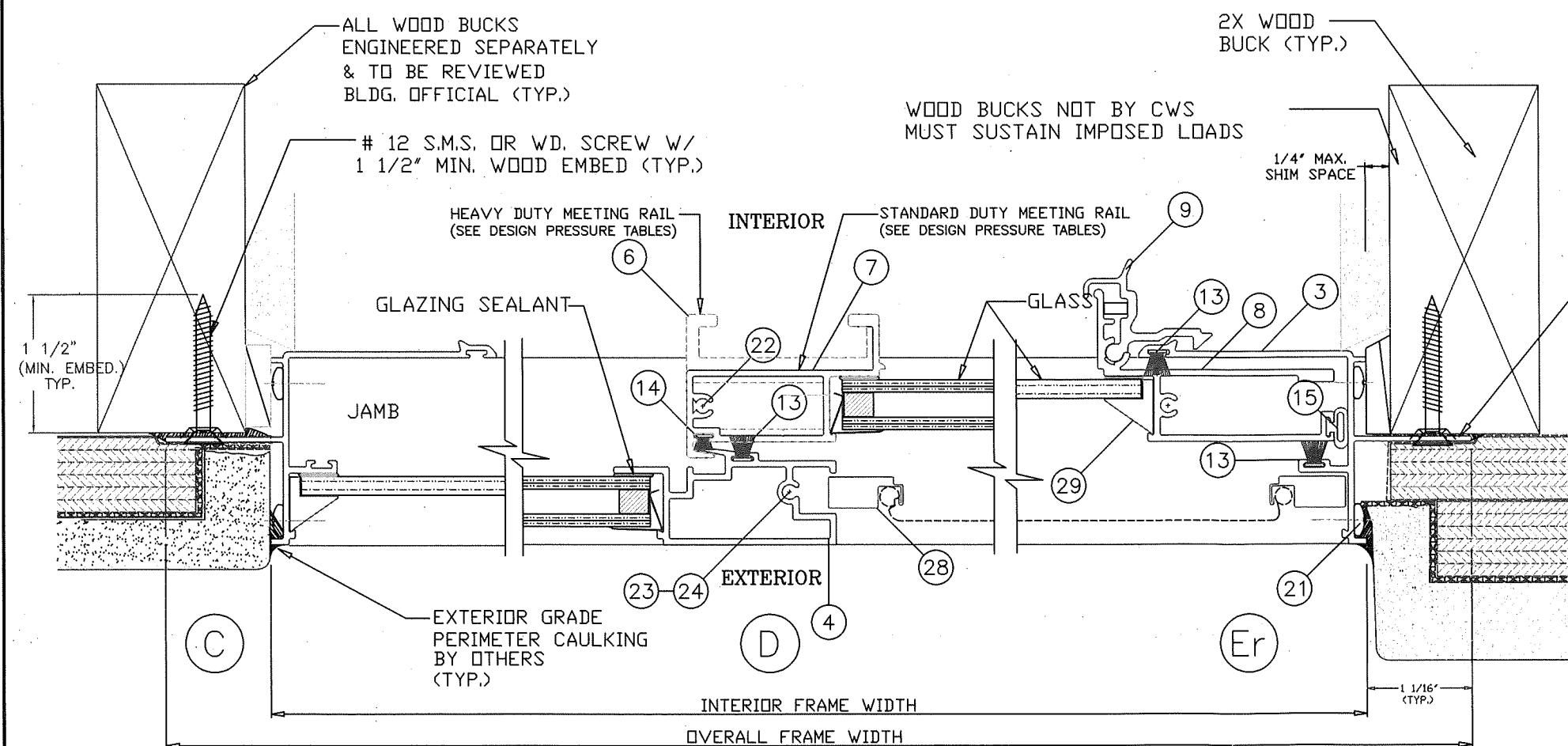
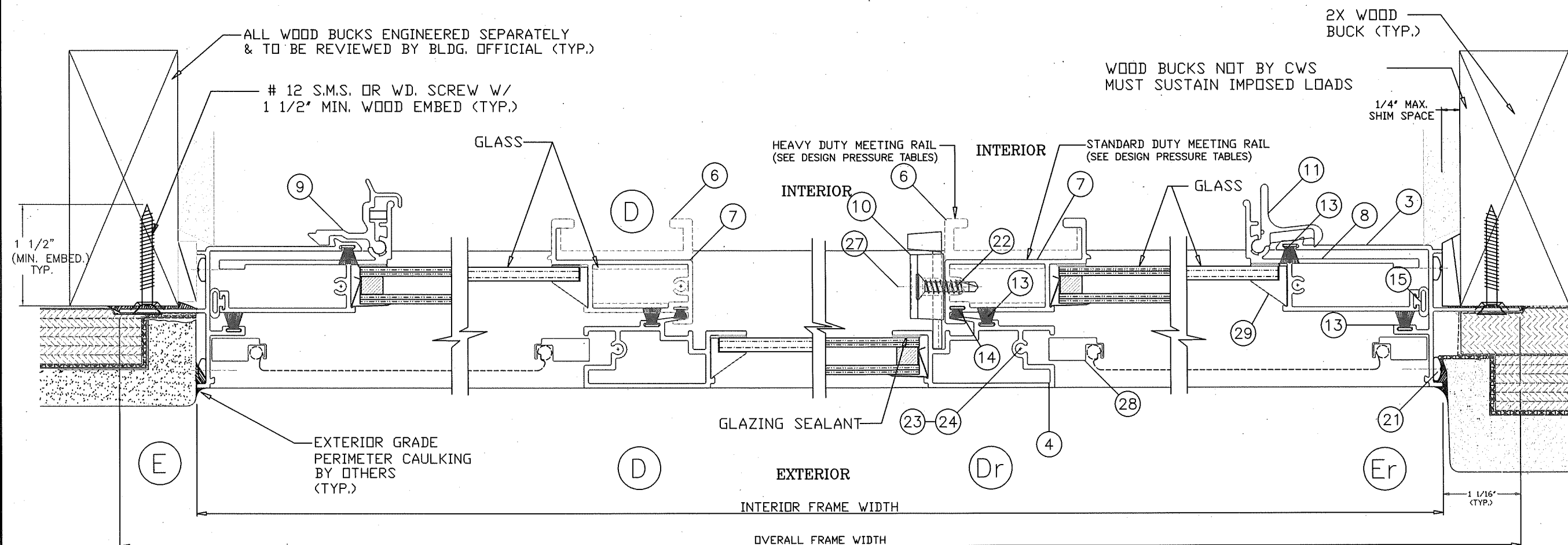
**CROSS SECTIONAL DETAILS
FOR STANDARD AND
HEAVY DUTY MEETING
RAILS**

DRAWN BY: NELSON ERAZO DATE: 11/17/2023

REV. BY: N.E. DATE: 05/15/2025

DWG #: CWS-1257 REV #: A

SCALE: AS NOTED SHEET 3 OF 8



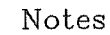
NOTE:
ALL ANCHORS TO BE #12 SMS OR WD. SCREW
WITH A MINIMUM OF 1 1/2\"/>

* WHEN THE GAP BETWEEN THE WINDOW FRAME AND
THE BUCK IS LESS THAN 1/8\", SHIMS ARE NOT
REQUIRED.

EXPOSED WINDOW FRAME FIN TO
BE PROTECTED WITH AN APPROVED
MOISTURE / WEATHER BARRIER
THROUGHOUT ENTIRE PERIMETER OF FIN
BY OTHERS (TYP.)

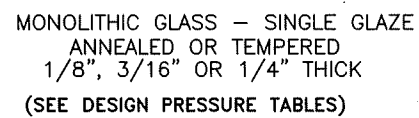
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0612.04
Expiration Date 02/23/2026
By Ishag I. Chauda
Miami Dade Product Control

CWS 320 FIN FRAME WINDOW – BILL OF MATERIALS					
ITEM #	PART #	DRWG. #	REQD.	DESCRIPTION	REMARKS
1	L-7603	LII-128	1	FRAME HEAD	6063-T6 ALUMINUM
2	L-8601	LII-134	1	FRAME SILL	6063-T5 ALUMINUM
3	L-8602	LII-130	2	FRAME JAMB	6063-T6 ALUMINUM
4	L-7504	LII-129	1 x vent	FIXED MEETING RAIL	6005-T6 ALUMINUM
5	L-7508	LII-124	2 x vent	VENT TOP / BOTTOM RAIL	6063-T5 ALUMINUM
6	L-7506	LII-126	1 x vent	VENT INTERLOCK RAIL-H.D.	6005-T6 ALUMINUM
7	L-7505	LII-125	1 x vent	VENT INTERLOCK STD. DUTY	6005-T5 ALUMINUM
8	L-7507	LII-136	1 x vent	VENT LATCH JAMB	6005-T6 ALUMINUM
9	*	LII-012	2 x vent	VENT EXTRUDED LOCK	6063-T5 ALUMINUM
10	*	*	2 x vent	VENT CAM LOCK	DIE-CAST CAM LOCK
11	*	HC-057	2 x vent	VENT PLASTIC LOCK	SPRING LOADED
12	*	SCHLEGEL	AS REQD.	Top/Bott. Rail Weatherstrip	.187" X .280" FIN SEAL
13	*	ULTRAFAB	AS REQD.	FXD. RAIL WEATHERSTRIP	.187" X .250" FIN SEAL
14	*	ULTRAFAB	AS REQD.	VENT LOCK WEATHERSTRIP	.187" X .150" PILE
15	*	*	AS REQ'D.	VENT JAMB WEATHERSTRIP	3/8" DIA. BULB
16	*	*	2	WEEP HOLE COVER W/ FLAP	1 1/2" wide x 1/4" hi weep
17	*	*	2	SILL OPEN CELL FOAM PAD	1/2"x3/8"x 1 3/4" LONG
18	*	*	2	SILL/JAMB JOINT GASKET	1/16" CLOSED CELL FOAM
19	L-763	HC-032	2	VENT ROLLER ASSEMBLY	2 X EA. VENT BOTTOM RAIL
20	L-7524	*	6	VENT FACE GUIDE	3 PER VENT HOR. RAIL
21	*	*	8	FRAME ASSEMBLY SCREWS	# 8 X 5/8" P.H. PHIL.
22	*	*	4 x vent	VENT ASSEMBLY SCREWS	# 8 X 1" P.H. PHILLIPS
23	*	*	1 X RAIL	MTG. RAIL SCREW @ HEAD	# 8 X 1" P.H. PHILLIPS
24	*	*	1 X RAIL	MTG. RAIL SCREW @ SILL	# 8 X 2" P.H. PHILLIPS
25	*	*	7	FRAME INSTALL'N SCREW	#12 X 1 3/4" F.H. / PHI.
26	*	*	6	FRAME INSTALL'N SCREW	#12 X 1 1/2" F.H. / PHI.
27	*	*	2 X LOCK	CAM LOCK ATTCH'NT SCREW	#8 X 7/8" F.H. / PHI.
28	*	*	1 x vent	INSECT SCREEN	*
29	*	*	AS REQD.	GLAZING BEAD	ROLL FORMED ALUMINUM
30	*	*	AS REQ'D.	GLASS	See Detail @ sheet 4 of 8
31	*	*	AS REQ'D	GLAZING SILICONE	See Detail @ sheet 4 of 8
32	L-8503	LII-132	1	FRAME SILL 1/2" RISER	6063-T6 ALUMINUM
33	*	774-25B-767	AS REQ'D	"TruSeal" Swiggle Seal	Black -1/4" air space

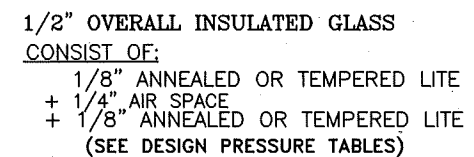


1. BOTH EXTRUDED ALUMINUM AND PLASTIC LIFT HANDLE LOCKS ARE QUALIFIED FOR USE ON ALL WINDOWS. (4)
2. THE CAM LOCK IS QUALIFIED FOR USE ON THE 1/8" ANNEALED AND 3/16" ANNEALED WINDOWS ONLY.
3. ONLY TWO (2) LOCKS ARE REQUIRED PER EACH VENT.

Glazing Detail & Description



- 1) Schnee-Morehead 5731
- 2) Schnee-Morehead 5732
- 3) GE SCS 1000 Clear Silicone
- 4) Dow Corning Clear Silicone



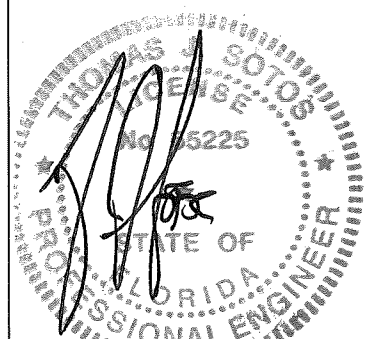
33a) TrueSeal Swiggle Seal
33b) Quanex SuperSpacer w/ Isomelt M
33c) Quanex Duraseal

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 25-0612.04
Expiration Date 02/23/2026
By Isheng L. Chande
Miami Dade Product Control

[illegible]

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

SEAL



DATE **JUN-0**
SHEET DESCRIPTION:

**BILL OF MATERIALS,
GLAZING DETAILS & LOCK
OPTIONS**

DRAWN BY: NELSON ERAZO		DATE: 11/17/2023	
REV. BY: N.E.		DATE: 05/15/2025	
DWG #: CWS-1257		REV #: A	
SCALE: AS NOTED		SHEET 4 OF 8	

8600 Non Impact Horizontal Sliding Window Test # FTL 4413 - 1/4" Annealed Fin Frame (XO or OX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
25.125	25.125	56.7	100.0	3	2	
37.125	25.125	56.7	100.0	5	3	
49.125	25.125	56.7	100.0	7	3	
61.125	25.125	56.7	100.0	9	3	
73.125	25.125	56.7	100.0	11	3	
25.125	37.125	56.7	100.0	4	3	
37.125	37.125	56.7	100.0	6	4	
49.125	37.125	56.7	100.0	9	5	
61.125	37.125	56.7	100.0	11	5	
73.125	37.125	56.7	90.8	13	5	
25.125	49.125	56.7	100.0	5	4	
37.125	49.125	56.7	100.0	8	6	
49.125	49.125	56.7	100.0	11	7	
61.125	49.125	56.7	78.3	11	6	
73.125	49.125	56.7	66.3	11	6	
25.125	61.125	56.7	100.0	6	5	
37.125	61.125	56.7	95.6	9	7	
49.125	61.125	56.7	76.7	10	7	
61.125	61.125	56.7	62.8	10	6	
73.125	61.125	50.9	50.9	11	6	
27.625	27.125	56.7	100.0	4	3	
27.625	39.5	56.7	100.0	5	4	
27.625	51.75	56.7	100.0	6	5	
27.625	59.125	56.7	100.0	7	5	
27.625	64.125	56.7	100.0	7	6	
38.125	27.125	56.7	100.0	5	3	
38.125	39.5	56.7	100.0	7	4	
38.125	51.75	56.7	100.0	8	6	
38.125	59.125	56.7	97.3	9	7	
38.125	64.125	56.7	88.4	9	7	
54.25	27.125	56.7	100.0	8	3	
54.25	39.5	56.7	100.0	10	5	
54.25	51.75	56.7	88.1	11	7	
54.25	59.125	56.7	74.4	10	7	
54.25	64.125	56.7	67.1	10	7	
75.125	27.125	56.7	100.0	12	3	
75.125	39.5	56.7	82.3	13	5	
75.125	51.75	56.7	60.5	11	6	
75.125	59.125	51.7	51.7	11	6	
75.125	64.125	47.3	47.3	11	6	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4553 - 3/16" Annealed Fin Frame (XO or OX) w/ STANDARD MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
25.125	25.125	56.7	100.0	3	2	
37.125	25.125	56.7	100.0	5	3	
49.125	25.125	56.7	100.0	7	3	
61.125	25.125	56.7	100.0	9	3	
73.125	25.125	56.7	100.0	11	3	
25.125	37.125	56.7	100.0	4	3	
37.125	37.125	56.7	100.0	6	4	
49.125	37.125	56.7	95.4	8	5	
61.125	37.125	56.7	81.3	9	4	
73.125	37.125	56.7	70.2	10	4	
25.125	49.125	56.7	100.0	5	4	
37.125	49.125	56.7	78.7	6	5	
49.125	49.125	56.7	64.3	7	4	
61.125	49.125	56.3	56.3	8	4	
73.125	49.125	51.5	51.5	9	4	
27.625	27.125	56.7	100.0	4	3	
27.625	39.5	56.7	100.0	5	4	
27.625	51.75	56.7	94.0	6	4	
38.125	27.125	56.7	100.0	5	3	
38.125	39.5	56.7	100.0	7	4	
38.125	51.75	56.7	72.3	6	5	
54.25	27.125	56.7	100.0	8	3	
54.25	39.5	56.7	82.7	9	4	
54.25	51.75	56.2	56.2	7	5	
75.125	27.125	56.7	90.6	11	3	
75.125	39.5	56.7	63.8	10	4	
75.125	51.75	47.0	47.0	9	4	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4413 - 1/4" Annealed Fin Frame (XO or OX) w/ HEAVY DUTY MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
25.125	25.125	73.3	100.0	3	2	
37.125	25.125	73.3	100.0	5	3	
49.125	25.125	73.3	100.0	7	3	
61.125	25.125	73.3	100.0	9	3	
73.125	25.125	73.3	100.0	11	3	
25.125	37.125	73.3	100.0	4	3	
37.125	37.125	73.3	100.0	6	4	
49.125	37.125	73.3	100.0	9	5	
61.125	37.125	73.3	100.0	11	5	
73.125	37.125	73.3	90.8	13	5	
25.125	49.125	73.3	100.0	5	4	
37.125	49.125	73.3	100.0	8	6	
49.125	49.125	73.3	100.0	11	7	
61.125	49.125	73.3	78.3	11	6	
73.125	49.125	66.3	66.3	11	6	
25.125	61.125	73.3	100.0	6	5	
37.125	61.125	73.3	95.6	9	7	
49.125	61.125	73.3	76.7	10	7	
61.125	61.125	62.8	62.8	10	6	
73.125	61.125	50.9	50.9	11	6	
27.625	27.125	73.3	100.0	4	3	
27.625	39.5	73.3	100.0	5	4	
27.625	51.75	73.3	100.0	6	5	
27.625	59.125	73.3	100.0	7	5	
27.625	64.125	73.3	100.0	7	6	
38.125	27.125	73.3	100.0	5	3	
38.125	39.5	73.3	100.0	7	4	
38.125	51.75	73.3	100.0	8	6	
38.125	59.125	73.3	97.3	9	7	
38.125	64.125	73.3	88.4	9	7	
54.25	27.125	73.3	100.0	8	3	
54.25	39.5	73.3	100.0	10	5	
54.25	51.75	73.3	88.1	11	7	
54.25	59.125	73.3	74.4	10	7	
54.25	64.125	67.1	67.1	10	7	
75.125	27.125	73.3	100.0	12	3	
75.125	39.5	73.3	82.3	13	5	
75.125	51.75	60.5	60.5	11	6	
75.125	59.125	51.7	51.7	11	6	
75.125	64.125	47.3	47.3	11	6	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4553 - 3/16" Annealed Fin Frame (XO or OX) w/ STANDARD MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
25.125	25.125	73.3	100.0	3	2	
37.125	25.125	73.3	100.0	5	3	
49.125	25.125	73.3	100.0	7	3	
61.125	25.125	73.3	100.0	9	3	
73.125	25.125	73.3	100.0	11	3	
25.125	37.125	73.3	100.0	4	3	
37.125	37.125	73.3	100.0	6	4	
49.125	37.125	73.3	95.4	8	5	
61.125	37.125	73.3	81.3	9	4	
73.125	37.125	70.2	70.2	10	4	
25.125	49.125	73.3	100.0	5	4	
37.125	49.125	73.3	78.7	6	5	
49.125	49.125	64.3	64.3	7	4	
61.125	49.125	56.3	56.3	8	4	
73.125	49.125	51.5	51.5	9	4	
27.625	27.125	73.3	100.0	4	3	
27.625	39.5	73.3	100.0	5	4	
27.625	51.75	73.3	94.0	6	4	
38.125	27.125	73.3	100.0	5	3	
38.125	39.5	73.3	100.0	7	4	
38.125	51.75	72.3	72.3	6	5	
54.25	27.125	73.3	100.0	8	3	
54.25	39.5	73.3	82.7	9	4	
54.25	51.75	56.2	56.2	7	5	
75.125	27.125	73.3	90.6	11	3	
75.125	39.5	63.8	63.8	10	4	
75.125	51.75	47.0	47.0	9	4	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4456 - 3/16" Annealed Fin Frame (XO or OX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL					
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors	
				Head & Sill	Each Jamb
25.125	25.125	56.7	100.0	3	2
37.125	25.125	56.7	100.0	5	3
49.125	25.125	56.7	100.0	7	3
61.125	25.125	56.7	100.0	9	3
73.125	25.125	56.7	100.0	11	3
25.125	37.125	56.7	100.0	4	3
37.125	37.125	56.7	100.0	6	4
49.125	37.125	56.7	99.8	9	5
61.125	37.125	56.7	81.3	9	4
73.125	37.125	56.7	70.2	10	4
25.125	49.125	56.7	100.0	5	4
37.125	49.125	56.7	100.0	8	6
49.125	49.125	56.7	76.5	8	5
61.125	49.125	56.7	58.1	8	5
73.125	49.125	51.5	51.5	9	4
25.125	61.125	56.7	100.0	6	5
37.125	61.125	56.7	86.0	8	6
49.125	61.125	56.7	64.9	9	6
61.125	61.125	44.9	44.9	8	5
73.125	61.125	39.7	39.7	8	5
27.625	27.125	56.7	100.0	4	3
27.625	39.5	56.7	100.0	5	4
27.625	51.75	56.7	100.0	6	5
27.625	59.125	56.7	100.0	7	5
27.625	64.125	56.7	100.0	7	6
38.125	27.125	56.7	100.0	5	3
38.125	39.5	56.7	100.0	7	4
38.125	51.75	56.7	100.0	8	6
38.125	59.125	56.7	87.6	8	6
38.125	64.125	56.7	79.5	8	6
54.25	27.125	56.7	100.0	8	3
54.25	39.5	56.7	83.6	9	4
54.25	51.75	56.7	61.6	8	5
54.25	59.125	54.9	54.9	8	5
54.25	64.125	51.5	51.5	8	5
75.125	27.125	56.7	90.6	11	3
75.125	39.5	56.7	63.8	10	4
75.125	51.75	48.1	48.1	9	4
75.125	59.125	40.8	40.8	9	5
75.125	64.125	37.2	37.2	8	5

8600 Non Impact Horizontal Sliding Window Test # FTL 4429 - 1/4" Annealed Fin Frame (XOX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	56.7	100.0	11		2
85.125	25.125	56.7	100.0	13		3
97.125	25.125	56.7	100.0	15		3
109.125	25.125	56.7	100.0	17		3
121.125	25.125	56.7	100.0	19		3
73.125	37.125	56.7	94.2	15		4
85.125	37.125	56.7	79.2	14		4
97.125	37.125	56.7	68.1	14		3
109.125	37.125	56.7	58.9	14		3
121.125	37.125	52.1	52.1	14		3
73.125	49.125	56.7	68.1	14		4
85.125	49.125	56.7	59.5	14		4
97.125	49.125	54.4	54.4	15		4
109.125	49.125	48.6	48.6	15		4
121.125	49.125	43.9	43.9	15		4
73.125	61.125	52.1	52.1	13		4
85.125	61.125	56.7	63.3	18		5
97.125	61.125	43.8	43.8	14		4
109.125	61.125	40.7	40.7	15		4
121.125	61.125	38.4	38.4	16		4
54.25	27.125	56.7	100.0	9		2
54.25	39.5	56.7	100.0	12		4
54.25	51.75	56.7	81.3	13		4
54.25	59.125	56.7	73.4	13		4
54.25	64.125	56.7	69.0	13		4
75.125	27.125	56.7	100.0	12		3
75.125	39.5	56.7	82.4	14		4
75.125	51.75	56.7	60.6	13		4
75.125	59.125	51.8	51.8	13		4
75.125	64.125	47.4	47.4	13		4
107.375	27.125	56.7	89.5	16		3
107.375	39.5	51.2	51.2	13		3
107.375	51.75	43.7	43.7	14		4
107.375	59.125	40.2	40.2	15		4
107.375	64.125	37.5	37.5	15		4
112.25	27.125	56.7	97.8	18		3
112.25	39.5	56.7	59.7	16		3
112.25	51.75	49.7	49.7	16		4
112.25	59.125	43.6	43.6	16		4
112.25	64.125	40.5	40.5	16		4

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4594 - 3/16" Annealed Fin Frame (XOX) w/ STANDARD MEETING RAIL & STANDARD SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	56.7	100.0	11		2
85.125	25.125	56.7	91.5	12		2
97.125	25.125	56.7	81.6	12		2
109.125	25.125	56.7	75.9	13		2
121.125	25.125	56.7	71.5	14		2
73.125	37.125	56.7	72.6	11		3
85.125	37.125	56.7	60.8	11		3
97.125	37.125	52.1	52.1	11		3
109.125	37.125	45.9	45.9	11		2
121.125	37.125	40.2	40.2	11		2
73.125	49.125	52.1	52.1	10		3
85.125	49.125	48.4	48.4	12		3
97.125	49.125	44.5	44.5	12		3
109.125	49.125	39.9	39.9	12		3
121.125	49.125	36.4	36.4	12		3
54.25	27.125	56.7	100.0	9		2
54.25	39.5	56.7	80.4	10		3
54.25	51.75	56.7	58.0	9		3
75.125	27.125	56.7	90.8	11		3
75.125	39.5	56.7	64.0	11		3
75.125	51.75	48.2	48.2	11		3
107.375	27.125	56.7	60.9	11		2
107.375	39.5	40.6	40.6	10		2
107.375	51.75	36.2	36.2	12		3
112.25	27.125	56.7	68.0	13		2
112.25	39.5	47.6	47.6	13		3
112.25	51.75	40.4	40.4	14		3

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4429 - 1/4" Annealed Fin Frame (XOX) w/ HEAVY DUTY MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	73.3	100.0	11		2
85.125	25.125	73.3	100.0	13		3
97.125	25.125	73.3	100.0	15		3
109.125	25.125	73.3	100.0	17		3
121.125	25.125	73.3	100.0	19		3
73.125	37.125	73.3	94.2	15		4
85.125	37.125	73.3	79.2	14		4
97.125	37.125	68.1	68.1	14		3
109.125	37.125	58.9	58.9	14		3
121.125	37.125	52.1	52.1	14		3
73.125	49.125	68.1	68.1	14		4
85.125	49.125	59.5	59.5	14		4
97.125	49.125	54.4	54.4	15		4
109.125	49.125	48.6	48.6	15		4
121.125	49.125	43.9	43.9	15		4
73.125	61.125	52.1	52.1	13		4
85.125	61.125	63.3	63.3	18		5
97.125	61.125	43.8	43.8	14		4
109.125	61.125	40.7	40.7	15		4
121.125	61.125	38.4	38.4	16		4
54.25	27.125	73.3	100.0	9		2
54.25	39.5	73.3	100.0	12		4
54.25	51.75	73.3	81.3	13		4
54.25	59.125	73.3	73.4	13		4
54.25	64.125	69.0	69.0	13		4
75.125	27.125	73.3	100.0	12		3
75.125	39.5	73.3	82.4	14		4
75.125	51.75	60.6	60.6	13		4
75.125	59.125	51.8	51.8	13		4
75.125	64.125	47.4	47.4	13		4
107.375	27.125	73.3	89.5	16		3
107.375	39.5	51.2	51.2	13		3
107.375	51.75	43.7	43.7	14		4
107.375	59.125	40.2	40.2	15		4
107.375	64.125	37.5	37.5	15		4
112.25	27.125	73.3	97.8	18		3
112.25	39.5	59.7	59.7	16		3
112.25	51.75	49.7	49.7	16		4
112.25	59.125	43.6	43.6	16		4
112.25	64.125	40.5	40.5	16		4

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window. Test # FTL 4594 - 3/16" Annealed Fin Frame (XOX) w/ STANDARD MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	73.3	100.0	11		2
85.125	25.125	73.3	91.5	12		2
97.125	25.125	73.3	81.6	12		2
109.125	25.125	73.3	75.9	13		2
121.125	25.125	71.5	71.5	14		2
73.125	37.125	72.6	72.6	11		3
85.125	37.125	60.8	60.8	11		3
97.125	37.125	52.1	52.1	11		3
109.125	37.125	45.9	45.9	11		2
121.125	37.125	40.2	40.2	11		2
73.125	49.125	52.1	52.1	10		3
85.125	49.125	48.4	48.4	12		3
97.125	49.125	44.5	44.5	12		3
109.125	49.125	39.9	39.9	12		3
121.125	49.125	36.4	36.4	12		3
54.25	27.125	73.3	100.0	9		2
54.25	39.5	73.3	80.4	10		3
54.25	51.75	68.0	58.0	9		3
75.125	27.125	73.3	90.8	11		3
75.125	39.5	64.0	64.0	11		3
75.125	51.75	48.2	48.2	11		3
107.375	27.125	60.9	60.9	11		2
107.375	39.5	40.6	40.6	10		2
107.375	51.75	36.2	36.2	12		3
112.25	27.125	68.0	68.0	13		2
112.25	39.5	47.6	47.6	13		3
112.25	51.75	40.4	40.4	14		3

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4457 - 3/16" Annealed Fin Frame (XOX) w/ HEAVY DUTY MEETING RAIL & STANDARD SILL					
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors	
				Head & Sill	Each Jamb
73.125	25.125	56.7	100.0	11	2
85.125	25.125	56.7	91.5	12	2
97.125	25.125	56.7	81.6	12	2
109.125	25.125	56.7	75.9	13	2
121.125	25.125	56.7	71.5	14	2
73.125	37.125	56.7	72.6	11	3
85.125	37.125	56.7	60.8	11	3
97.125	37.125	52.1	52.1	11	3
109.125	37.125	45.9	45.9	11	2
121.125	37.125	40.2	40.2	11	2
73.125	49.125	52.1	52.1	10	3
85.125	49.125	48.4	48.4	12	3
97.125	49.125	44.5	44.5	12	3
109.125	49.125	39.9	39.9	12	3
121.125	49.125	36.4	36.4	12	3
73.125	61.125	40.2	40.2	10	3
85.125	61.125	38.3	38.3	11	3
97.125	61.125	36.4	36.4	12	3
109.125	61.125	33.5	33.5	13	3
121.125	61.125	30.8	30.8	13	3
54.25	27.125	56.7	100.0	9	2
54.25	39.5	56.7	80.4	10	3
54.25	51.75	56.7	58.0	9	3
54.25	59.125	50.4	50.4	9	3
54.25	64.125	47.4	47.4	9	3
75.125	27.125	56.7	90.8	11	3
75.125	39.5	56.7	64.0	11	3
75.125	51.75	48.2	48.2	11	3
75.125	59.125	40.8	40.8	10	3
75.125	64.125	37.2	37.2	10	3
107.375	27.125	56.7	60.9	11	2
107.375	39.5	40.6	40.6	10	2
107.375	51.75	36.2	36.2	12	3
107.375	59.125	32.7	32.7	12	3
107.375	64.125	30.1	30.1	12	3
112.25	27.125	56.7	68.0	13	2
112.25	39.5	47.6	47.6	13	3
112.25	51.75	40.4	40.4	14	3
112.25	59.125	36.1	36.1	13	4
112.25	64.125	33.4	33.4	14	4

8600 Non Impact Horizontal Sliding Window Test # FTL 4541 - 1/8" Annealed Insulated Fin Frame (XOX) w/ HEAVYDUTY MEETING RAIL & STANDARD SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	56.7	100.0	11	2	
85.125	25.125	56.7	82.3	11	2	
97.125	25.125	56.7	69.4	11	2	
109.125	25.125	56.7	60.3	11	2	
121.125	25.125	54.8	54.8	11	2	
73.125	37.125	56.7	80.5	13	3	
85.125	37.125	56.7	69.6	13	3	
97.125	37.125	56.7	60.5	13	3	
109.125	37.125	52.8	52.8	13	3	
121.125	37.125	46.5	46.5	12	3	
73.125	49.125	56.7	60.4	12	3	
85.125	49.125	53.4	53.4	13	3	
97.125	49.125	47.0	47.0	13	3	
109.125	49.125	42.2	42.2	13	3	
121.125	49.125	38.0	38.0	13	3	
73.125	61.125	46.4	46.4	12	3	
85.125	61.125	43.2	43.2	13	4	
97.125	61.125	38.0	38.0	13	4	
109.125	61.125	34.2	34.2	13	4	
121.125	61.125	30.9	30.9	13	3	
54.25	27.125	56.7	100.0	9	2	
54.25	39.5	56.7	86.4	10	3	
54.25	51.75	56.7	60.1	10	3	
54.25	59.125	48.8	48.8	9	3	
54.25	64.125	43.7	43.7	9	3	
75.125	27.125	56.7	91.2	11	3	
75.125	39.5	56.7	72.3	12	3	
75.125	51.75	54.7	54.7	12	3	
75.125	59.125	47.1	47.1	12	3	
75.125	64.125	43.4	43.4	12	3	
107.375	27.125	50.9	50.9	9	2	
107.375	39.5	46.8	46.8	12	3	
107.375	51.75	37.1	37.1	12	3	
107.375	59.125	32.9	32.9	12	3	
107.375	64.125	30.2	30.2	12	3	
112.25	27.125	56.7	60.9	11	2	
112.25	39.5	53.9	53.9	14	3	
112.25	51.75	42.3	42.3	14	4	
112.25	59.125	36.9	36.9	14	4	
112.25	64.125	34.5	34.5	14	4	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4588 - 1/8" Annealed Insulated Fin Frame (XOX) w/ STANDARD MEETING RAIL & STANDARD SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	56.7	100.0	11	2	
85.125	25.125	56.7	82.3	11	2	
97.125	25.125	56.7	69.4	11	2	
109.125	25.125	56.7	60.3	11	2	
121.125	25.125	54.8	54.8	11	2	
73.125	37.125	56.7	80.5	13	3	
85.125	37.125	56.7	69.6	13	3	
97.125	37.125	56.7	60.5	13	3	
109.125	37.125	52.8	52.8	13	3	
121.125	37.125	46.5	46.5	12	3	
73.125	49.125	56.7	57.0	12	3	
85.125	49.125	52.9	52.9	13	3	
97.125	49.125	47.0	47.0	13	3	
109.125	49.125	42.2	42.2	13	3	
121.125	49.125	38.0	38.0	13	3	
54.25	27.125	56.7	100.0	9	2	
54.25	39.5	56.7	86.4	10	3	
54.25	51.75	56.7	60.1	10	3	
75.125	27.125	56.7	91.2	11	3	
75.125	39.5	56.7	72.3	12	3	
75.125	51.75	52.1	52.1	12	3	
107.375	27.125	50.9	50.9	9	2	
107.375	39.5	46.8	46.8	12	3	
107.375	51.75	37.1	37.1	12	3	
112.25	27.125	56.7	60.9	11	2	
112.25	39.5	53.9	53.9	14	3	
112.25	51.75	42.3	42.3	14	4	

Pressure Limited to Negative 100psf.

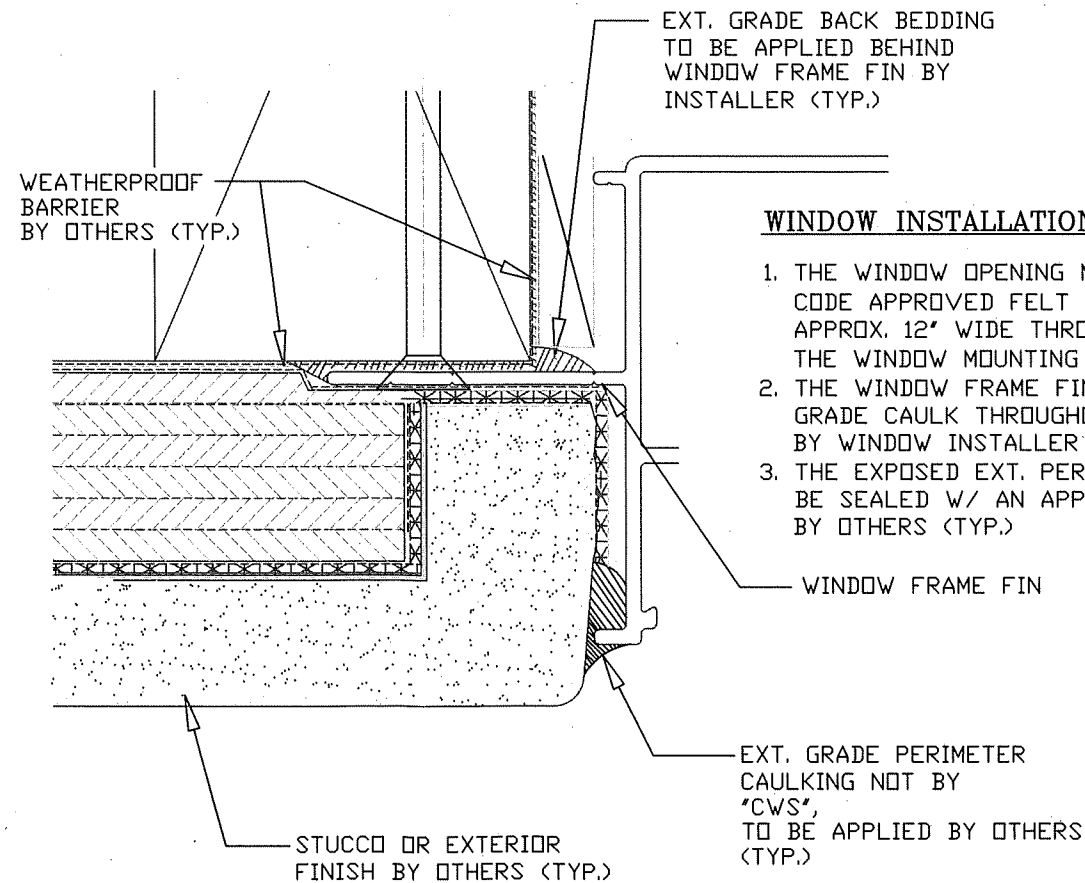
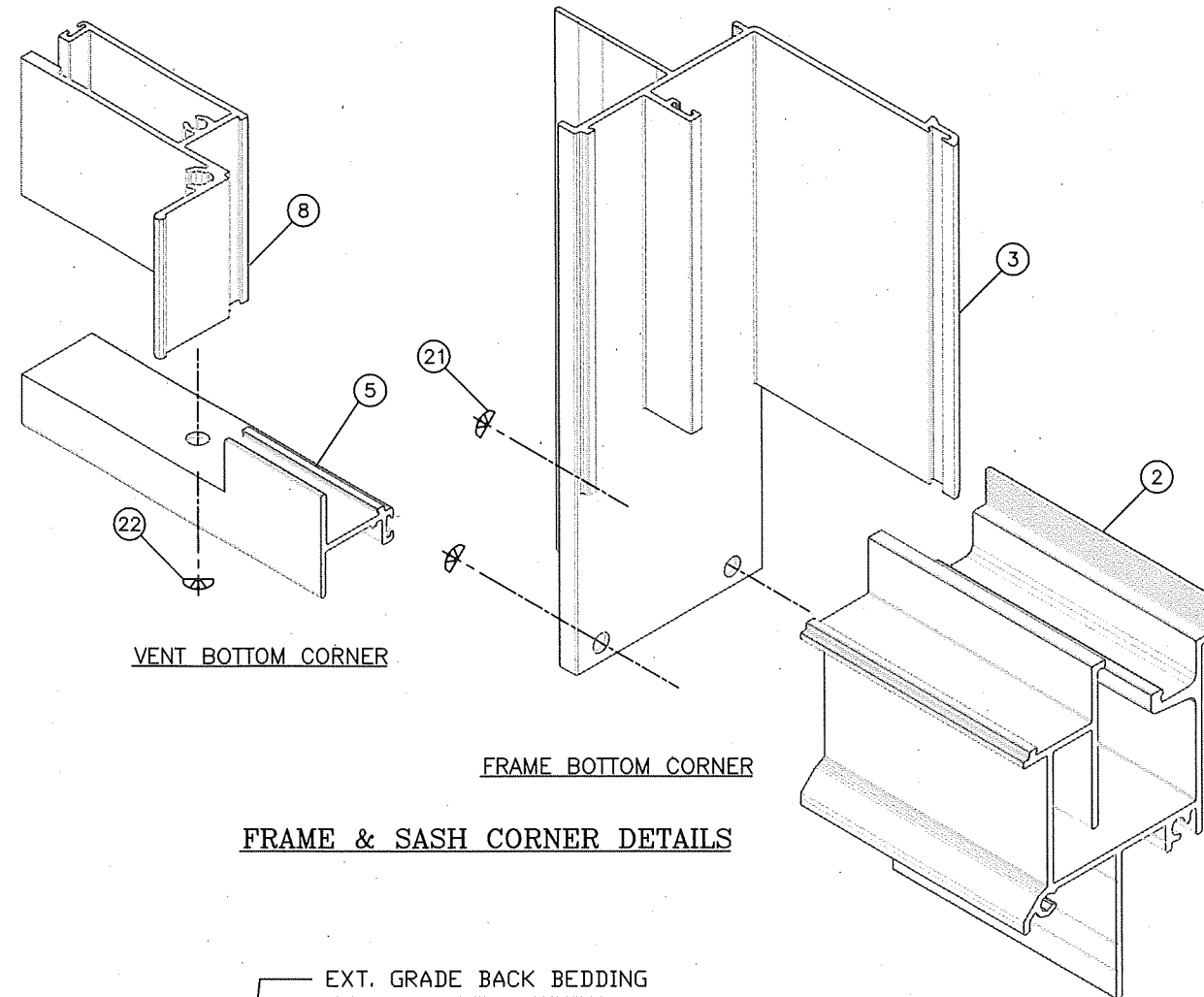
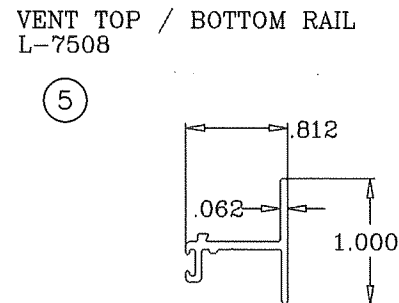
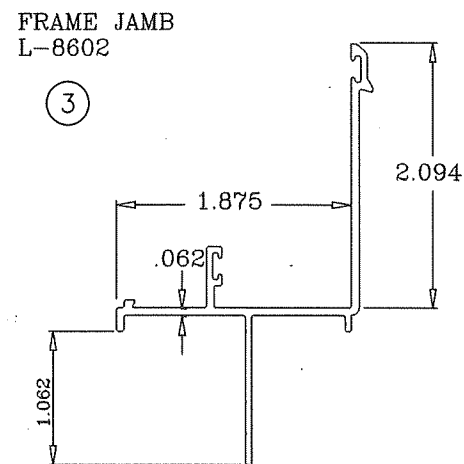
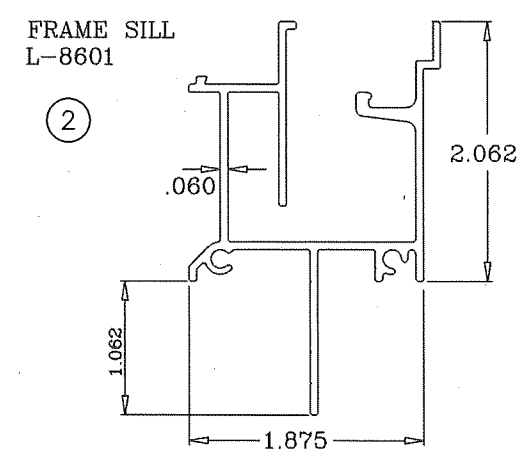
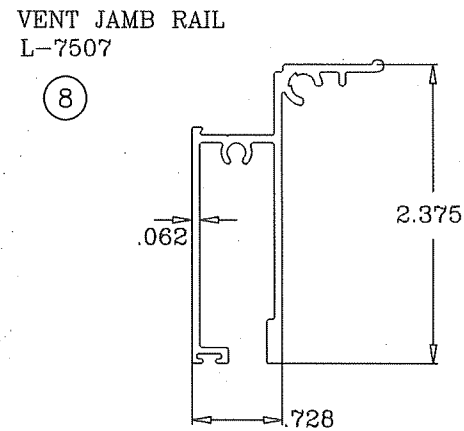
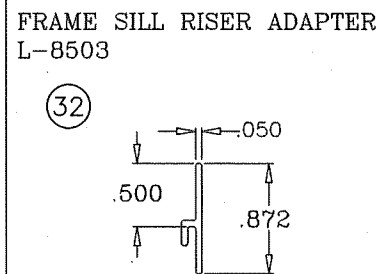
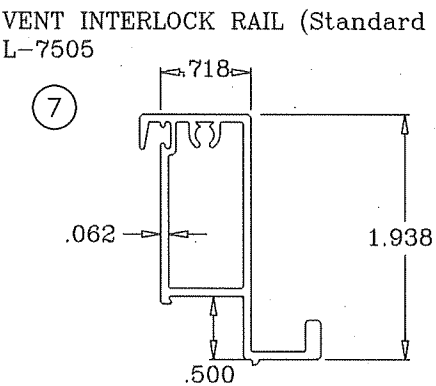
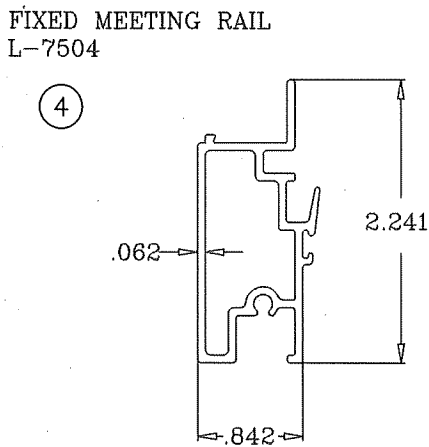
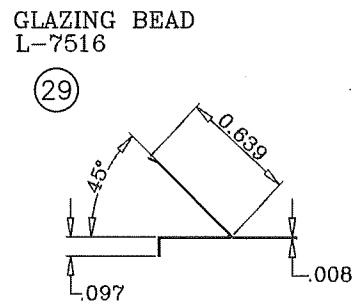
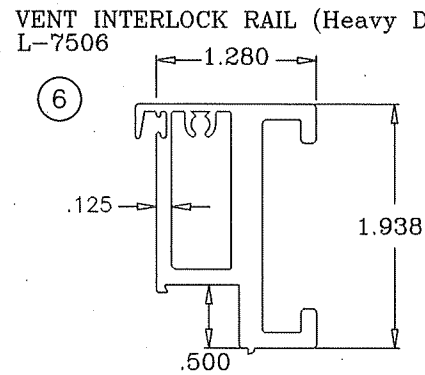
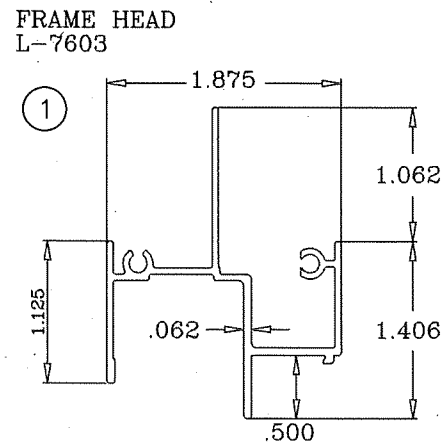
8600 Non Impact Horizontal Sliding Window Test # FTL 4541 - 1/8" Annealed Insulated Fin Frame (XOX) w/ HEAVYDUTY MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	73.3	100.0	11	2	
85.125	25.125	73.3	82.3	11	2	
97.125	25.125	69.4	69.4	11	2	
109.125	25.125	60.3	60.3	11	2	
121.125	25.125	54.8	54.8	11	2	
73.125	37.125	73.3	80.5	13	3	
85.125	37.125	69.6	69.6	13	3	
97.125	37.125	60.5	60.5	13	3	
109.125	37.125	52.8	52.8	13	3	
121.125	37.125	46.5	46.5	12	3	
73.125	49.125	60.4	60.4	12	3	
85.125	49.125	53.4	53.4	13	3	
97.125	49.125	47.0	47.0	13	3	
109.125	49.125	42.2	42.2	13	3	
121.125	49.125	38.0	38.0	13	3	
73.125	61.125	46.4	46.4	12	3	
85.125	61.125	43.2	43.2	13	4	
97.125	61.125	38.0	38.0	13	4	
109.125	61.125	34.2	34.2	13	4	
121.125	61.125	30.9	30.9	13	3	
54.25	27.125	73.3	100.0	9	2	
54.25	39.5	73.3	86.4	10	3	
54.25	51.75	60.1	60.1	10	3	
54.25	59.125	48.8	48.8	9	3	
54.25	64.125	43.7	43.7	9	3	
75.125	27.125	73.3	91.2	11	3	
75.125	39.5	72.3	72.3	12	3	
75.125	51.75	54.7	54.7	12	3	
75.125	59.125	47.1	47.1	12	3	
75.125	64.125	43.4	43.4	12	3	
107.375	27.125	50.9	50.9	9	2	
107.375	39.5	46.8	46.8	12	3	
107.375	51.75	37.1	37.1	12	3	
107.375	59.125	32.9	32.9	12	3	
107.375	64.125	30.2	30.2	12	3	
112.25	27.125	60.9	60.9	11	2	
112.25	39.5	53.9	53.9	14	3	
112.25	51.75	42.3	42.3	14	4	
112.25	59.125	36.9	36.9	14	4	
112.25	64.125	34.5	34.5	14	4	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window Test # FTL 4588 - 1/8" Annealed Insulated Fin Frame (XOX) w/ STANDARD MEETING RAIL & HI-RISE SILL						
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors		
				Head & Sill	Each Jamb	
73.125	25.125	73.3	100.0	11	2	
85.125	25.125	73.3	82.3	11	2	
97.125	25.125	69.4	69.4	11	2	
109.125	25.125	60.3	60.3	11	2	
121.125	25.125	54.8	54.8	11	2	
73.125	37.125	73.3	80.5	13	3	
85.125	37.125	69.6	69.6	13	3	
97.125	37.125	60.5	60.5	13	3	
109.125	37.125	52.8	52.8	13	3	
121.125	37.125	46.5	46.5	12	3	
73.125	49.125	57.0	57.0	12	3	
85.125	49.125	52.9	52.9	13	3	
97.125	49.125	47.0	47.0	13	3	
109.125	49.125	42.2	42.2	13	3	
121.125	49.125	38.0	38.0	13	3	
54.25	27.125	73.3	100.0	9	2	
54.25	39.5	73.3	86.4	10	3	
54.25	51.75	60.1	60.1	10	3	
75.125	27.125	73.3	91.2	11	3	
75.125	39.5	72.3	72.3	12	3	
75.125	51.75	52.1	52.1	12	3	
107.375	27.125	50.9	50.9	9	2	
107.375	39.5	46.8	46.8	12	3	
107.375	51.75	37.1	37.1	12	3	
112.25	27.125	60.9	60.9	11	2	
112.25	39.5	53.9	53.9	14	3	
112.25	51.75	42.3	42.3	14	4	

Pressure Limited to Negative 100psf.

8600 Non Impact Horizontal Sliding Window - XO or OX Test # FTL 4533 - 1/8" Annealed Insulated Fin Frame w/ HEAVYDUTY MEETING RAIL & STANDARD SILL					
Width (in)	Height (in)	DP(+) psf	DP(-) psf	Anchors	
				Head & Sill	Each Jamb
25.125	25.125	56.7	100.0	3	2
37.125	25.125	56.7	100.0	5	3
49.125	25.125	56.7	100.0	7	3
61.125	25.125	56.7	100.0	9	3
73.125	25.125	56.7	96.5	10	3
25.125	37.125	56.7	100.0	4	3
37.125	37.125	56.7	100.0	6	4
49.125	37.125	56.7	98.9	9	5
61.125	37.125	56.7	89.5	10	5
73.125	37.125	56.7	77.9	11	4
25.125	49.125	56.7	100.0	5	4
37.125	49.125	56.7	100.0	8	6
49.125	49.125	56.7	67.8	7	5
61.125	49.125	56.7	64.5	9	5
73.125	49.125	56.7	59.1	10	5
25.125	61.125	56.7	100.0	6	5
37.125	61.125	56.7	91.2	9	6
49.125	61.125	51.7	51.7	7	5
61.125	61.125	46.3	46.3	8	5
73.125	61.125	46.0	46.0	10	5
27.625	27.125	56.7	100.0	4	3
27.625	39.5	56.7	100.0	5	4
27.625	51.75	56.7	100.0	6	5
27.625	59.125	56.7	100.0	7	5
27.625	64.125	56.7	100.0	7	6
38.125	27.125	56.7	100.0	5	3
38.125	39.5	56.7	100.0	7	4
38.125	51.75	56.7	92.0	8	6
38.125	59.125	56.7	86.9	8	6
38.125	64.125	56.7	84.3	9	6
54.25	27.125	56.7	100.0	8	3
54.25	39.5	56.7	88.2	9	5
54.25	51.75	56.7	60.4	8	5
54.25	59.125	49.4	49.4	7	5
54.25	64.125	44.4	44.4	7	5
75.125	27.125	56.7	90.9	11	3
75.125	39.5	56.7	72.2	11	4
75.125	51.75	54.6	54.6	10	5
75.125	59.125	47.1	47.1	10	5
75.125	64.125	43.3	43.3	10	5



WINDOW INSTALLATION NOTES:

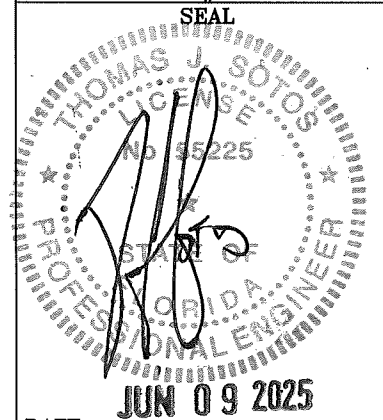
1. THE WINDOW OPENING MUST BE PROTECTED WITH A CODE APPROVED FELT OR MOISTURE/WEATHER BARRIER, APPROX. 12" WIDE THROUGHOUT ENTIRE PERIMETER OF THE WINDOW MOUNTING FIN. (NOT BY CWS)
2. THE WINDOW FRAME FIN TO BE BACK-BEDDED W/ AN EXT. GRADE CAULK THROUGHOUT THE ENTIRE PERIMETER OF FIN BY WINDOW INSTALLER (TYP.)
3. THE EXPOSED EXT. PERIMETER OF THE WINDOW FRAME TO BE SEALED W/ AN APPROVED EXTERIOR GRADE CAULK BY OTHERS (TYP.)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0612.04
Expiration Date 02/23/2026
By Ishag I. Chandra
Miami Dade Product Control

CWS 320 ALUMINUM FIN FRAME NON-IMPACT HORIZONTAL ROLLING WINDOW

NO.	DESCRIPTION	BY	DATE
A	Revises NDA # 23-1017.09	N.E.	05/15/25

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225



DATE
SHEET DESCRIPTION:

EXTRUSION DETAILS &
CORNER ASSEMBLY
DETAILS

DRAWN BY: NELSON ERAZO	DATE: 11/17/2023
REV. BY: N.E.	DATE: 05/15/2025
DWG #: CWS-1257	REV #: A
SCALE: AS NOTED	SHEET 8 OF 8