MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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www.miamidade.gov/economy

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

NOTICE OF ACCEPTANCE (NOA)

PGT Industries, LLC
1400 Precision Drive
North Venice, FL 34275

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 "SH-5500" PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **SH5500-NOA** titled "Vinyl Single Hung Window (LM)", sheets 1 through 14 of 14, dated 05/15/15, with revision E dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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, city, state, 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. 23-0707.12** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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

6/3/25

NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under NOA No. 15-0519.05)
2. Drawing No. **SH5500-NOA** titled "Vinyl Single Hung Window (LM)", sheets 1 through 13 of 13, dated 05/15/15, with revision **D** dated 07/05/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 23-0707.12)

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) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per ASTM F588 and TAS 202-94

   along with marked-up drawings and installation diagram of all PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-7897,** PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14
   FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal)
   FTL-20-2107.2, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal)
   FTL-20-2107.3, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and
   FTL-20-2107.4, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 20-0401.03)
2. 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 PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kadispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717, FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 16-0714.03)

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

B. TESTS (CONTINUED)

3. 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 2411.3.2.1, and TAS 202-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of a series 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7964**, dated 11/15/14, signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 15-0519.05)
4. 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 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7966**, dated 08/21/14, signed and sealed by Idalmis Ortega, P.E.
   (Submitted under NOA No. 15-0519.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 05/15/15, 08/29/17 and updated on 03/10/20 to the FBC 7th Edition (2020), prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 20-0401.03)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. **18-0725.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® Xtra™ (SGX™) (Clear and White) Glass Interlayers**" dated 05/23/19, expiring on 05/23/24.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

E. MATERIAL CERTIFICATIONS (CONTINUED)

3. Notice of Acceptance No. **21-1109.04** issued to Vision Extrusions Group Limited, for their "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 03/31/22, expiring on 09/30/24.
4. Notice of Acceptance No. **22-0104.04** issued to Vision Extrusions Group limited for their "**Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**" dated 04/14/22, expiring on 12/29/26.
5. Notice of Acceptance No. **20-0203.04** issued to ENERGI Fenestration Solutions USA, Inc. for their "**Performance Core Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/27/20, expiring on 04/16/25.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and **FBC 8th Edition (2023),** dated July 05, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 23-0707.12
2. Statement letter of no financial interest, dated March 10, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 20-0401.03
3. Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.
   (Submitted under NOA No. 16-0714.03)
4. Proposal No. **16-0125** issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.
   (Submitted under NOA No. 16-0714.03)
5. Proposal issued by Product Control, dated 06/26/14 and revised on 08/19/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.
   (Submitted under NOA No. 15-0519.05)

G. OTHERS

1. Notice of Acceptance No. **20-0401.03**, issued to PGT Industries, Inc. for their Series "SH-5500" PVC Single Hung Window - L.M.I. approved on 07/23/20 and expiring on 07/30/25.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SH5500-NOA** titled "Vinyl Single Hung Window (LM)", sheets 1 through 14 of 14, dated 05/15/15, with revision **E** dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 05/12/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

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.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 08/31/23, expiring on 07/04/28.
3. Notice of Acceptance No. **24-0618.01,** issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29.
4. Notice of Acceptance No. **24-0401.07,** issued to **Vision Extrusions Group Limited**, for their **Black and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 05/09/24, expiring on 07/28/27.
5. Notice of Acceptance No. **23-0821.09,** issued to **Vision Extrusions Group Limited**, for their **Tan 3040 and Lighter Shades (Non White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 02/04/23, expiring on 02/04/26.
6. Notice of Acceptance No. **23-0830.05,** issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 12/29/26.
7. Notice of Acceptance No. **24-0618.02,** issued to **Vision Extrusions Group Limited**, for their **Painted or Laminated White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/24, expiring on 09/30/29.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

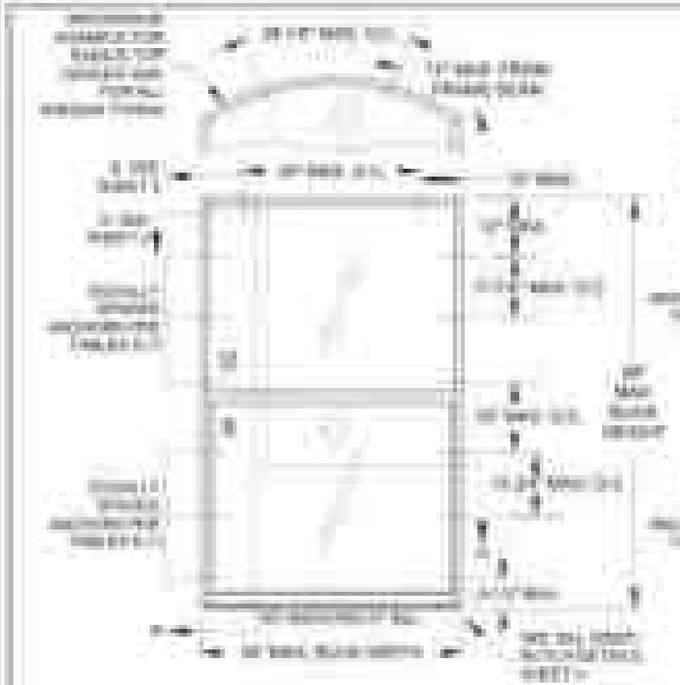
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated May 12, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated May 12, 2025, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Article of conversion of PGT Industries, Inc to PGT industries, LLC pdf provided on 12/24/24 by Ms. April Lee, Assistant General Counsel.
4. Florida Department of State, Division of Corporation listing # L24001420?0 of PGT Industries LLC as active status since 12/17/24.
5. Florida Department of State, Division of Corporation listing # F03387 of PGT Industries, Inc as Inactive status.
6. PGT Name change organization chart layout prepared by RER (for file use only).

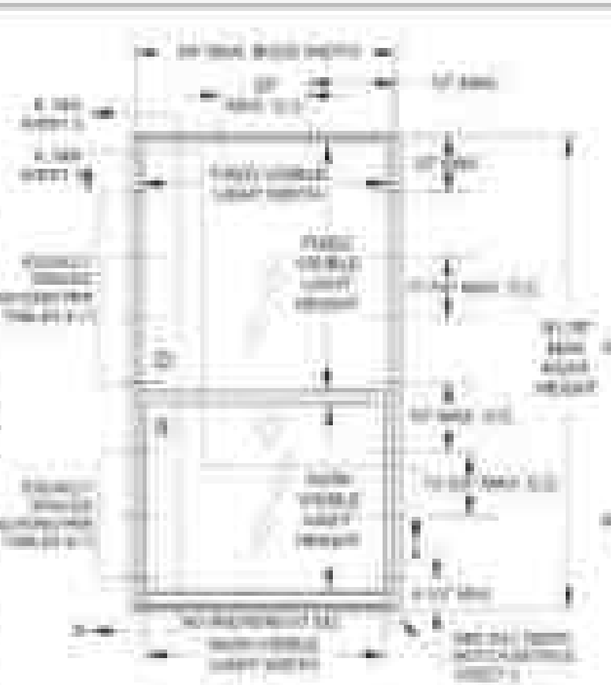
G. OTHERS

1. Notice of Acceptance No. **23-0707.12**, issued to PGT Industries, Inc. for their Series "SH-5500" PVC Single Hung Window - L.M.I. approved on 07/27/23 and expiring on 07/30/25.

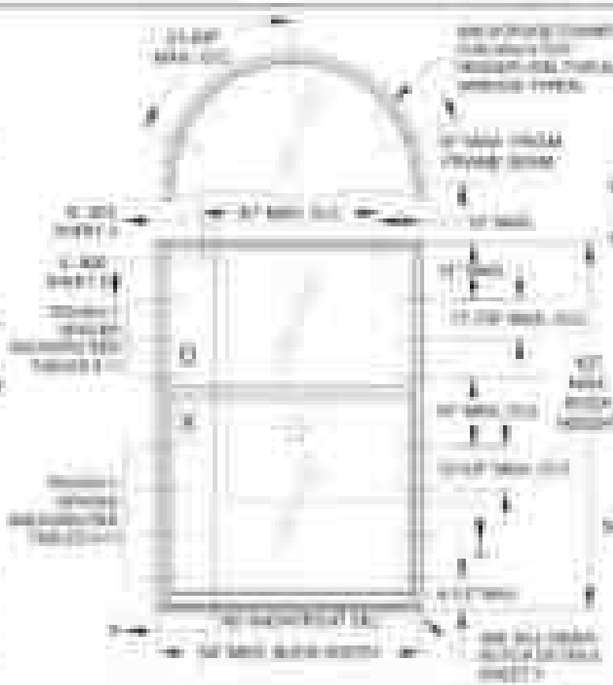
Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0520.01
Expiration Date: July 30, 2030
Approval Date: June 12, 2025



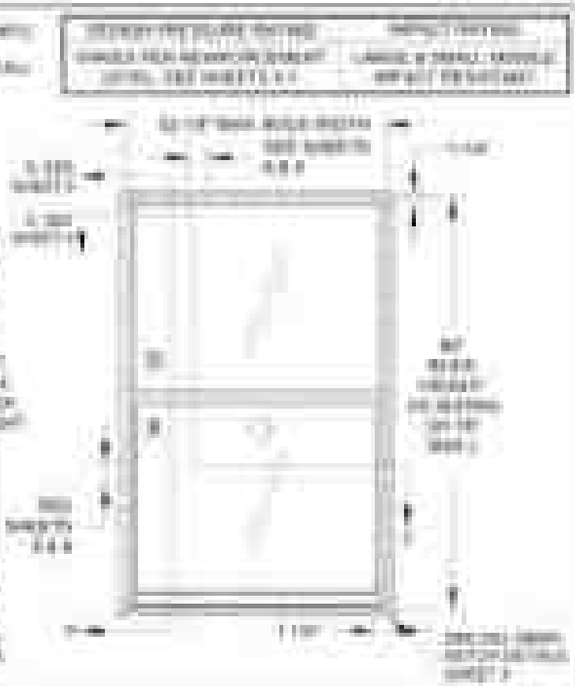
ELEVATION FOR TYP. EQUAL LEG FRAME
SHOWN WITH EQUAL LITE CONFIGURATION



ELEVATION FOR TYP. FLANGE FRAME
SHOWN WITH DISPLACED LITE CONFIGURATION



ELEVATION FOR TYP. FLANGE FRAME
SHOWN WITH STANDARD COTTAGE CONFIGURATION



ELEVATION FOR TYP. FIN OR J-CHANNEL FRAME
SHOWN WITH EQUAL LITE CONFIGURATION
ANCHORED THROUGH THE MULLION

GENERAL NOTES: SERIES 5500 IMPACT RESISTANT SINGLE HUNG WINDOW

USER INSTRUCTIONS:

PRODUCT REVISED
As complying with the Florida Building Code
Hvhr. No. 25-0535.01
Expiration Date: 07/30/2030
By:
Miami-Dade Product Control

PGT
PGT Industries, Inc. and its subsidiaries
1070 Technology Drive
N. Venice, FL 34275
(941) 480-1600

VINYL SINGLE HUNG WINDOW (LSH)

GENERAL NOTES & ELEVATION

SINGLE SOURCE REFERENCE
UPDATE COMPANY ADDRESS - AM

SHEET 1 OF 14

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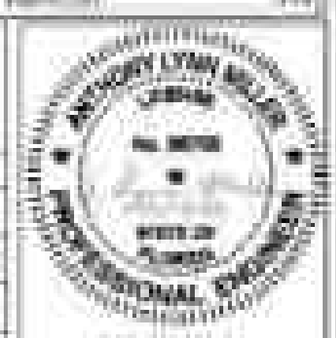


TABLE 1: ALLOWABLE GLASS TYPES

Glass Type	Description (Listed from Exterior to Interior)	Design Pressure Value A	Design Pressure Value B
1	1/4" laminated (1) - 1/4" A Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	A-1	B
2	1/4" laminated (1) - 1/4" T Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	A-1	B
3	1/4" laminated (1) - 1/4" A Tempered Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	A-1	B
4	1/4" laminated (1) - 1/4" T Exterior Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	A-1	B
5	1/4" laminated (1) - 1/4" A Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	1	1
6	1/4" laminated (1) - 1/4" T Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	1	1
7	1/4" laminated (1) - 1/4" A Tempered Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	1	1
8	1/4" laminated (1) - 1/4" T Exterior Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	1	1
9	1/4" laminated (1) - 1/4" A Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	1	1
10	1/4" laminated (1) - 1/4" T Exterior Cap - 7/16" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	1	1
11	1/4" laminated (1) - 1/4" A Tempered Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" A Glass with .090" PVB Interlayer	1	1
12	1/4" laminated (1) - 1/4" T Exterior Cap - 5/8" Air Space - 5/16" Laminated (2) Lites of 1/4" T Glass with .090" PVB Interlayer	1	1

TABLE 2: ALLOWABLE GLASS THICKNESS FOR HOLES

Group	Position	Conditions	Min. Edge Distance	Min. Embedment*
1	#10 (.190) Jobber Flat Undercut Head Self-Drilling Screw (0.212 O.D. or #10 S.S.)	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
		Steel, 33ksi	3/8"	3/4"
		Steel SAE AISI 1010 - 20"	3/8"	0.065" (16 GA.)
		Aluminum, 6063-T5	3/8"	0.250"
	0.147" Jobber Driver	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
		Aluminum, 6063-T5	1"	1-1/4"
		Composite Material, 0.25 Min. Wall	1"	1-1/4"
2	#10 (.190) Jobber Flat Undercut Head Self-Drilling Screw (0.212 O.D. or #10 S.S.)	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
		Steel, 33ksi	3/8"	3/4"
		Steel SAE AISI 1010 - 20"	3/8"	0.065" (16 GA.)
		Aluminum, 6063-T5	3/8"	0.250"
	0.147" Jobber Driver	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
		Aluminum, 6063-T5	1"	1-1/4"
	1/4" Jobber Countersunk Head Self-Drilling Screw	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
	1/4" Jobber Hugger Head Self-Drilling Screw	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
3	1/4" Jobber Flat Undercut Head Self-Drilling Screw	Composite Material, 0.25 Min. Wall	1"	1-1/4"
	1/4" Jobber Countersunk Head Self-Drilling Screw	Composite Material, 0.25 Min. Wall	1"	1-1/4"
4	1/4" Jobber Flat Undercut Head Self-Drilling Screw	Composite Material, 0.25 Min. Wall	1"	1-1/4"
	1/4" Jobber Countersunk Head Self-Drilling Screw	Composite Material, 0.25 Min. Wall	1"	1-1/4"
	1/4" Jobber Hugger Head Self-Drilling Screw	Composite Material, 0.25 Min. Wall	1"	1-1/4"

* MIN. OF 3 THREADS BEYOND THE INSIDE SURFACE OF THE MEMBER FURTHEST FROM THE SCREW HEAD. MIN. EMBEDMENT MAY VALUES MAY BE USED WHEN SPECIFIED ON THE APPROVED DRAWINGS.

TABLE 3: ALLOWABLE ANCHOR FASTENER FOR WOOD

Group	Position	Conditions	Min. Edge Distance	Min. Embedment*
1	#10 (.190) Jobber Flat Undercut Head Self-Drilling Screw (0.212 O.D. or #10 S.S.)	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
	0.147" Jobber Driver	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
	#10 (.190) Jobber Flat Undercut Head Self-Drilling Screw (0.212 O.D. or #10 S.S.)	Aluminum, 6063-T5	3/8"	0.250"
		Steel, 33ksi	3/8"	3/4"
		Steel SAE AISI 1010 - 20"	3/8"	0.065" (16 GA.)
		Steel, 33ksi	3/8"	0.065"
	#10 (.190) Jobber Flat Undercut Head Self-Drilling Screw (0.212 O.D. or #10 S.S.)	5/16" Aluminum Plate (6063-T5 or T6)	5/16"	1-1/4"
		Aluminum, 6063-T5	1"	1-1/4"
		Steel SAE AISI 1010 - 20"	3/8"	0.065" (16 GA.)
		Steel, 33ksi	3/8"	0.065"

* MIN. OF 3 THREADS BEYOND THE INSIDE SURFACE OF THE MEMBER FURTHEST FROM THE SCREW HEAD.

Frame Types (see Fig.B)	Glass Options (see Table 1)	Frame Configs (see Fig.A)	Frame Weights (see Fig.C)	Installation Options that may be used	
Flange (FC)	1 - 12	Equal Leg, Fixed Flange & Ledges	Standard Reinf. w/ Ins. Fig. & Applique Fig.	Through the Frame of the window	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 1
					Min. 1" Low Leak Wall - screws 1, options 2
					Through - IB Mounting Min. 2" Concrete Wall - screws 1, options 3
					Min. Masonry - screws 1, options 4
Box / Flush Leg (BC)	1 - 12	Equal Leg, Fixed Flange & Ledges	Standard Reinf. w/ Ins. Fig. & Applique Fig.	Through the Frame of the window	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 1
					Min. 1" Low Leak Wall - screws 1, options 2
					Through - IB Mounting Min. 2" Concrete Wall - screws 1, options 3
					Min. Masonry - screws 1, options 4
J-Channel (JC)	1 - 4	Equal Leg, Fixed Flange & Ledges	Standard Reinf. w/ Ins. Fig. & Applique Fig.	Through the Jamb to...	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 1
					Min. Masonry - screws 1, options 4
				Through the Frame of the window	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 2
					Min. Masonry - screws 1, options 4
Hanger Fin (HF)	1 - 4	Equal Leg, Fixed Flange & Ledges	Standard Reinf. w/ Ins. Fig. & Applique Fig.	Through the Jamb to...	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 1
					Min. Masonry - screws 1, options 4
				Through the Frame of the window	Min. 3/4" Wood Frame Bucket Buck - screws 1, options 2
					Min. Masonry - screws 1, options 4

FIGURE A: FRAME CONFIGURATIONS

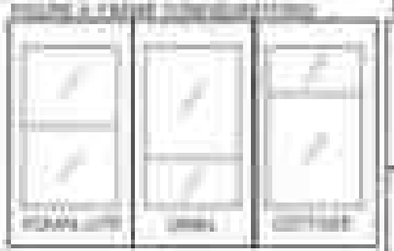
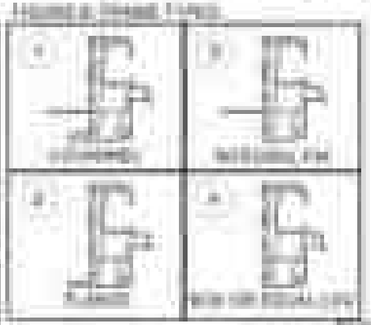


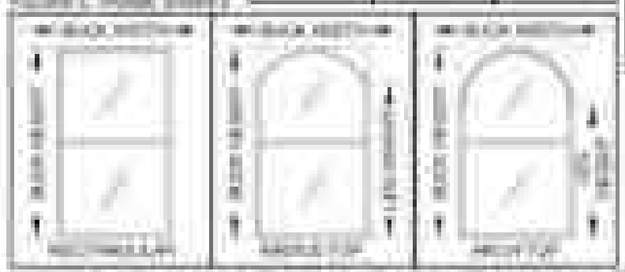
FIGURE B: FRAME TYPES



"A" = WINDOWS
"B" = HEAT STRENGTHENED
"C" = TEMPERED
FOR "_" GLASS THICKNESS, SEE TABLE 1 FOR ALLOWABLE WINDOW SIZE.

"D" = SEE SPECIFICATIONS FOR ADDITIONAL APPROVED GLASS.

FIGURE C: FRAME SHAPES



Material	Min. "t"	Min. "b"
Extruded Aluminum	0.062 in.	0.500 in.
Roll Formed Aluminum	0.050 in.	0.500 in.
Steel Tubing	0.062 in.	0.500 in.
Extruded Vinyl (PVC)	0.062 in.	0.500 in.
Fiberglass Pultruded Shapes	0.125 in.	0.500 in.
Composite Material	0.125 in.	0.500 in.
Steel Tubing	0.062 in.	0.500 in.
Wood Frame	0.750 in.	0.750 in.
Steel Tubing	0.062 in.	0.500 in.
Roll Formed Steel	0.062 in.	0.500 in.
Steel Tubing	0.062 in.	0.500 in.
Steel Tubing	0.062 in.	0.500 in.

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Impact Windows and Doors
2300 PGT INDUSTRIES WAY
N. VENICE, FL 34275
(941) 480-1600

PRELIMINARY NOT FOR BIDDING OR CONSTRUCTION PURPOSES

VINYL SINGLE HUNG WINDOW (LM)		08/15/23
GLASS AND FORTYFANE OPTIONS	JONES ROMOMBA	
NO CHANGES THIS SHEET - AA		09/12/24
SERIES	2 OF 16	SHEET NO.

ANTHONY LYNN MILLER
No. 68178
STATE OF FLORIDA
PROFESSIONAL ENGINEER

INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

INSTALLATION OPTION 1

INSTALLATION OPTION 2

INSTALLATION OPTION 3

HORIZONTAL SECTION A-A

INSTALLATION OPTION 4

INSTALLATION OPTION 5

VERTICAL SECTION B-B

VISIBLE LIGHT FORMULAS

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VINYL SINGLE HUNG WINDOW (LM) | 03/15/13
FLANGE & EQUAL-LEG FRAMES | JENS ROSKJAER
NO CHANGES THIS SHEET AM | 09/14/23
SHEET 3 OF 14 | DRAWING NO.A | E

WILLIAM LYNN MILLER
No. 69758
STATE OF FLORIDA
PROFESSIONAL ENGINEER

INSTALLATION DETAILS FOR INTEGRAL FIN & J-CHANNEL FRAMES

INSTALLATION OPTION A

INSTALLATION OPTION B

INSTALLATION OPTION C

VERTICAL SECTION D-D

HORIZONTAL SECTION C-C

INSTALLATION OPTION A

INSTALLATION OPTION C

INSTALLATION OPTION B

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Rev. No. 23-0328.01
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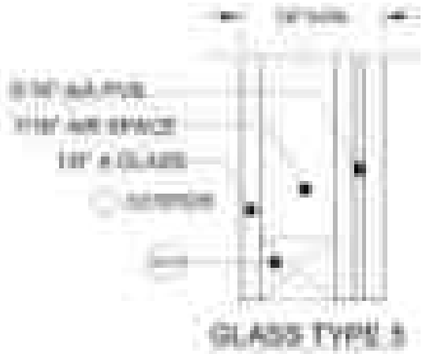
VINYL SINGLE HUNG WINDOW (LM)

J-CHANNEL AND INT. FIN FRAMES

NO CHANGES THIS SHEET -A4

SHEET 4 OF 14

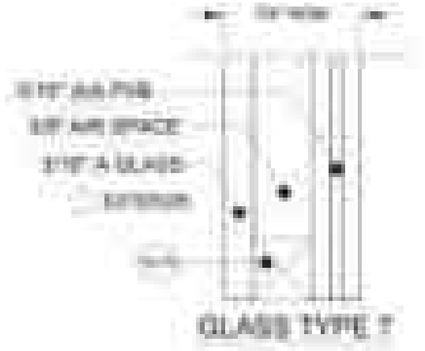
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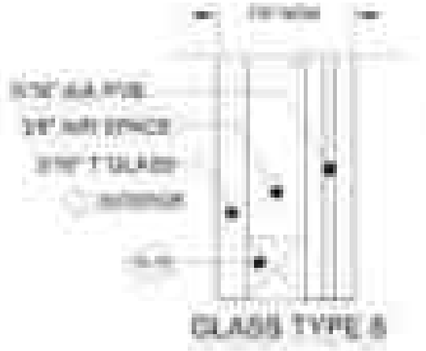
GLASS TYPE 5



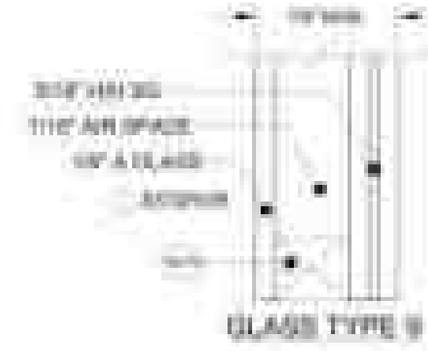
GLASS TYPE 6



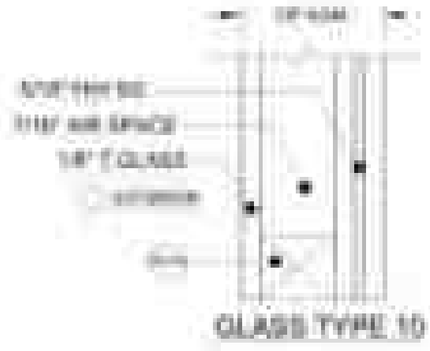
GLASS TYPE 7



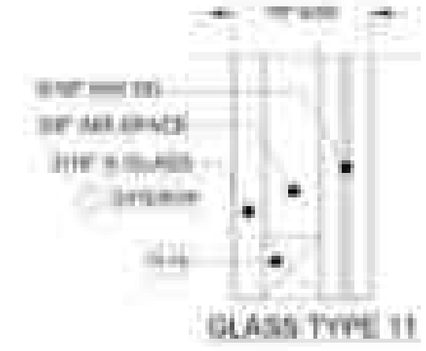
GLASS TYPE 8



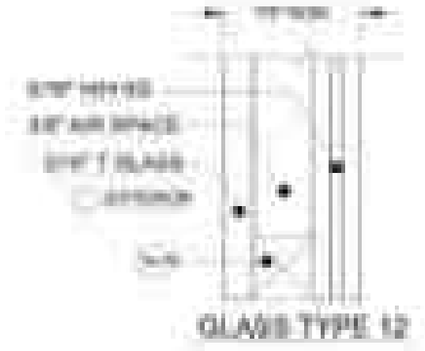
GLASS TYPE 9



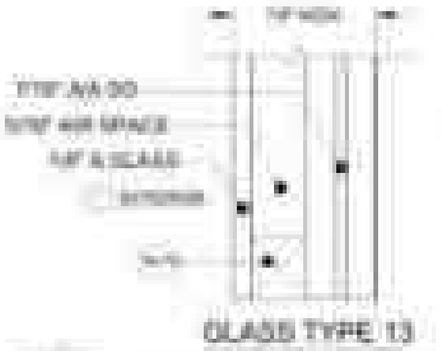
GLASS TYPE 10



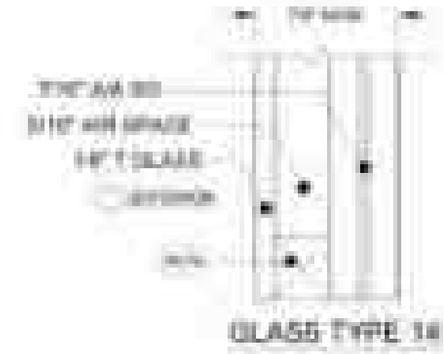
GLASS TYPE 11



GLASS TYPE 12



GLASS TYPE 13



GLASS TYPE 14



GLASS TYPE 15



GLASS TYPE 16



TYP. GLAZING DETAIL

PROJECT REVISED

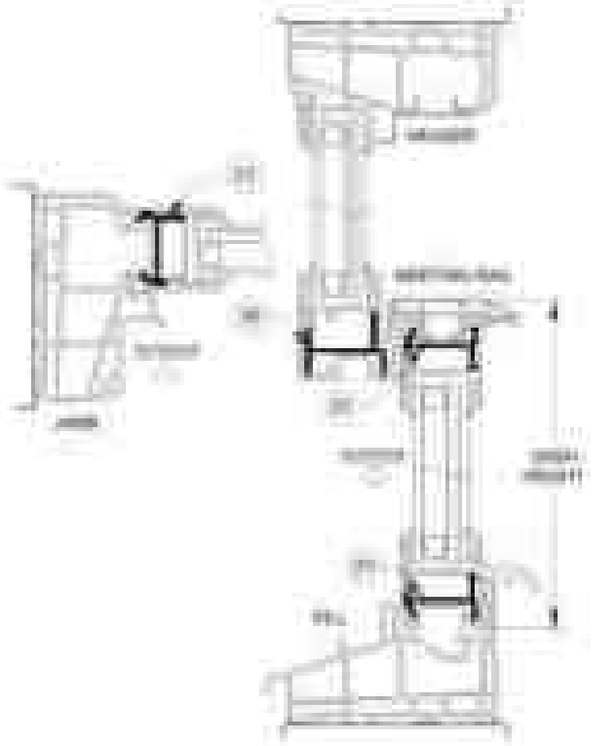
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VINYL SINGLE HUNG WINDOW (LS6)

GLAZING DETAILS

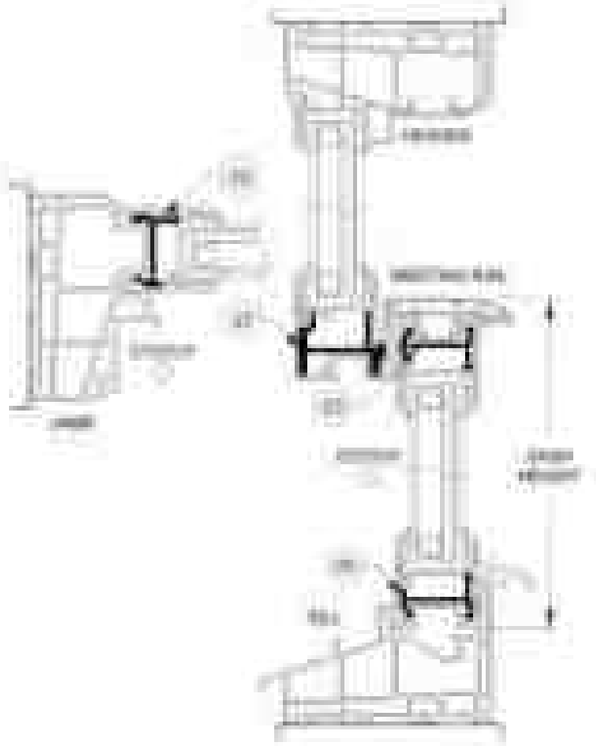
NO CHANGES THIS SHEET - AM

SHEET 9 OF 14



SECTION DETAIL FOR WINDOWS WITH
LEVEL 1(1) REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8





SECTION DETAIL FOR WINDOWS WITH
LEVEL 1(2) REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8

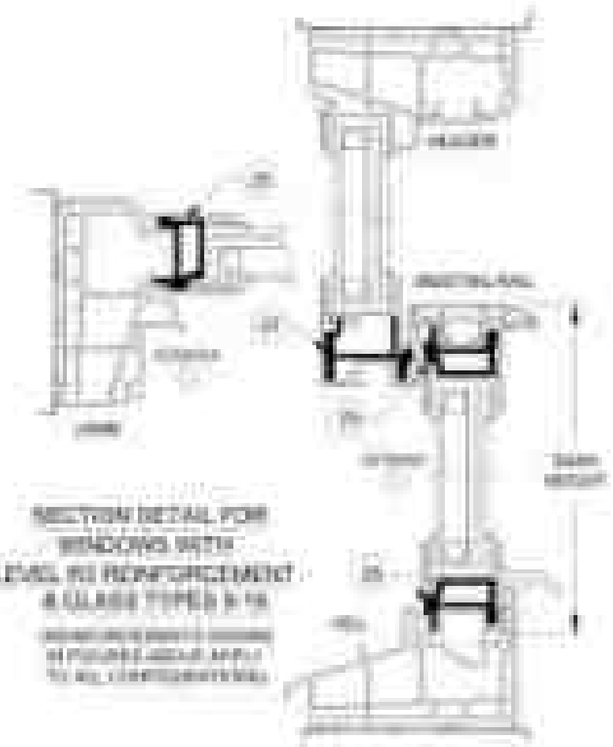
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VINYL SINGLE HUNG WINDOW (LW)			05/15/19
DESIGN PRESSURE TABLE		JCNS-H10CW5830	
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SHEET	6 OF 14	SHEET REV.	E

ANTHONY LYNN MILLER
LICENSE
No. 66705
STATE OF
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PROFESSIONAL ENGINEER



SECTION DETAIL FOR
WINDOWS WITH
LEVEL R3 REINFORCEMENT
& GLASS TYPES 9-16



NOTES:

1. SEE TABLE 1A FOR ALL WINDOWS AND GLASS THROUGH THIS FRAME.
2. FRAME DIMENSIONS ARE BACK SASH HEIGHT & UP FOR THE FIXED.
3. SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE PAGE.

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VINYL SINGLE HUNG WINDOW (LM)
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SHEET 7 OF 14
SHEET REVISION
DATE 05/15/19
DRAWN BY JONS R/10/CHANGE
DATE 05/14/20
SHEET NO. A

Table 1

Florida Residential Requirements
Design Pressure Limitations

Wind Speed (V) (3 Sec. Gust) (Mph)	Exposure Category & Risk Category	Minimum Design Pressure
130	B	
	C	
	D	
140	B	
	C	
	D	
150	B	
	C	
	D	
160	B	
	C	
	D	
170	B	
	C	
	D	
180	B	
	C	
	D	
190	B	
	C	
	D	
200	B	
	C	
	D	

SEE TABLE 2 SHEET FOR FASTENER PATTERNS CORRESPONDING THIS TABLE

NOTES:

1. USE THE ABOVE "ANCHOR QUANTITY" REQUIRED ..... " TABLE FOR ANCHORS INCLUDED THROUGH THE FRAME
2. USE THE ABOVE "MIN. ANCHOR O.C. SPACING" ..... " TABLE FOR ANCHORS NOT ALLOW THROUGH THE MTG FLNG
3. FRAME DIMENSIONS ARE BASIC, "MIN." = MFR TABLE VALUE
4. OTHER SIZES MAY BE FOUND, INTERPOLATION TO THE NEXT SUPERIOR WIDTH OR HEIGHT DIMENSION PROVIDED ON THIS TABLE
5. REFER TO TABLE 2 & 3 SHEET FOR ANCHOR CAPACITY DESCRIPTIONS

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VINYL SINGLE HUNG WINDOW (LW) | DS-SH-LW
ANCHOR QUANTITY TABLE | JOB#/ HOD/SHEET
NO CHANGES THIS SHEET - AM | 05/11/23
SHEET | 6 OF 14 | SHEET REV. | E

ANTHONY LYNN MILLER
LICENSE
No. 86758
STATE OF FLORIDA
PROFESSIONAL ENGINEER

[illegible]

NOTES:

[illegible]

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VINYL SINGLE HUNG WINDOW (LM)

ANCHOR QUANTITY TABLE

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[illegible]

NOTES:

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VINYL SINGLE HUNG WINDOW (LM)

ANCHOR QUANTITY TABLE

ADD TABLE 11 AND PAGE - AN

TABLE [illegible]

[illegible]

NOTES:

1. [illegible]
2. [illegible]
3. [illegible]

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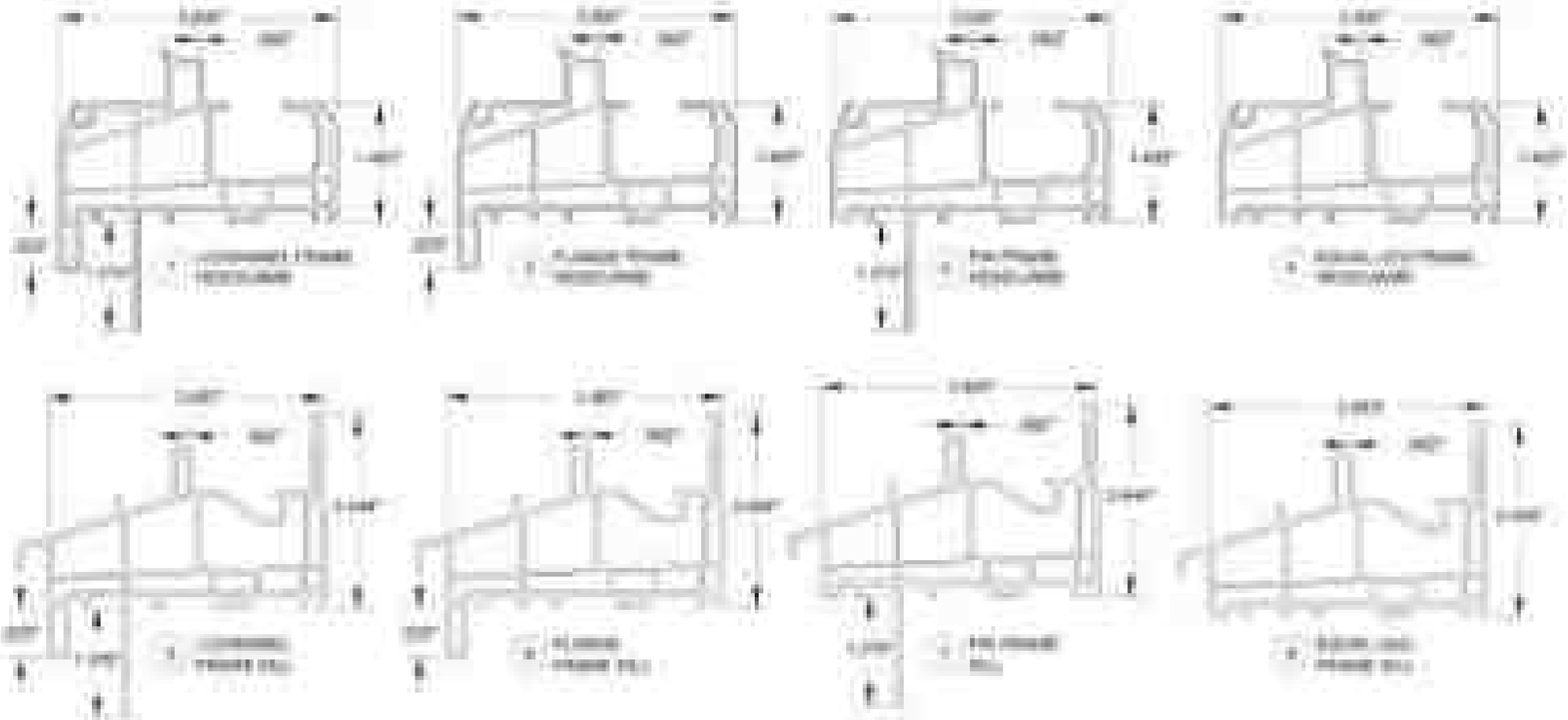
VINYL SINGLE HUNG WINDOW (LM)

ANCHOR QUANTITY TABLE

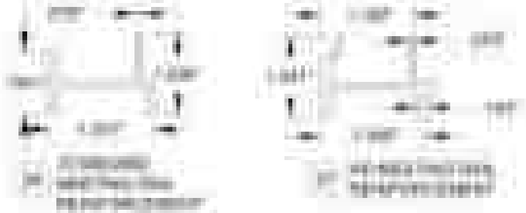
UPDATE SHEET [illegible]

11 OF 14

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VINYL SINGLE HUNG WINDOW (LW)

DIRECTIV EXTRUSIONS

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SHEET 12 OF 14

SHEET REVISION E



TYPICAL (1)

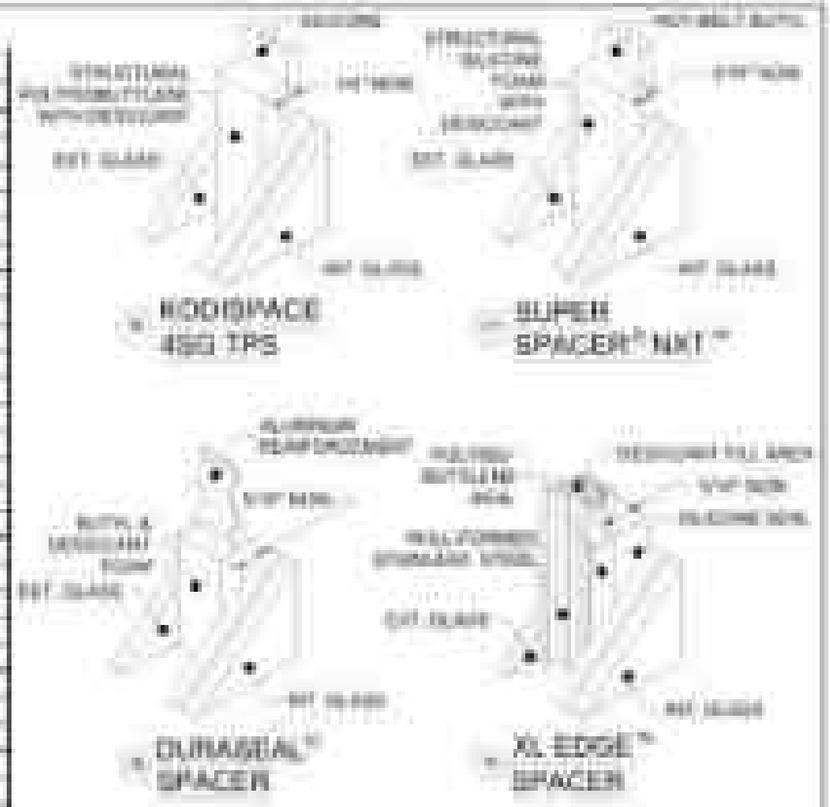
Bill of Materials

#	Part #	Description	Material
1	[illegible]	Single Hung Frame Head & Jambs - Universal	PVC
2	[illegible]	Single Hung Frame Head & Jambs - Flange	PVC
3	[illegible]	Single Hung Frame Head & Jambs - Fin	PVC
4	[illegible]	Single Hung Frame Head & Jambs - Expand Leg/Box	PVC
5	[illegible]	2 1/4" Frame Sill - Universal	PVC
6	[illegible]	2 1/4" Frame Sill - Flange	PVC
7	[illegible]	2 1/4" Frame Sill - Fin	PVC
8	[illegible]	2 1/4" Frame Sill - Expand Leg/Box	PVC
9	[illegible]	Head Weeping Plug	PVC
10	[illegible]	Sash Stop (Sides, Top & Bottom)	PVC
11	[illegible]	Meeting Cover	PVC
12	[illegible]	Sash Weld Screw Cover	PVC
13	[illegible]	Pull Rail Insert	6063-T5 Al.
14	[illegible]	Pull Rail Insert Cover	PVC
15	[illegible]	Meeting Interlock	6063-T5 Al.
16	[illegible]	Meeting Interlock Cover	PVC
17	[illegible]	Upper Sash Reinforcement	6063-T6 Al.
18	[illegible]	Lift Rail Reinforcement	6063-T6 Al.
19	[illegible]	Operator Meeting Rail Reinforcement	6063-T6 Al.
20	[illegible]	Lift Meeting Rail Reinforcement	6063-T6 Al.
21	[illegible]	Weatherstrip - 180° x .210" Fin Poly	
22	[illegible]	Weatherstrip - 180° x .250" Foam Bulb	Type 9121
23	[illegible]	Weatherstrip - 180° x .240" Fin Poly	
24	[illegible]	Weatherstrip - 180° x .240" Fin Poly	
25	[illegible]	#8 x .1" Fin. Pan Hd. Stainless Mounting Screw	
26	[illegible]	#8 x .2" Fin. Pan Hd. Mounting Rail Screw	410 SS
27	[illegible]	Meeting Rail Screw Expand Plate	6063-T6 Al.
28	[illegible]	Weep Hole Cover	PVC
29	[illegible]	Covered Frame Balance	
30		#8 x .340" Fin. Pan Hd. (Zinc) Frame Balance Screw	316
31		Spine Balance	
32	[illegible]	Spine Balance Shoe	Nylon
33	[illegible]	#8 x 1 1/4" Fin. Pan Hd. Spine Balance Screw	410 SS

TYPICAL (1) CONT.

Bill of Materials cont.

#	Part #	Description	Material
34	[illegible]	Multi-Lock Mechanism	Zinc Diecast
35	[illegible]	Keeper Lock	Steel, Body
36	[illegible]	Sash Lock Cover Assembly	Steel, Body
37	[illegible]	#8 x 1 1/2" Fin. Pan Hd. Zinc Lock and Keeper Lock Screw	SS
38	[illegible]	Multi-Lock Keeper	Steel, Zinc
39	[illegible]	#8 x 3/4" Fin. Pan Hd. ZCR Keeper Screw	SS
40	[illegible]	Mulled TS Latch Cover Cap	PVC
41	[illegible]	Pull Rail TS Latch Cover Cap	PVC
42	[illegible]	#8 x 3/4" Fin. Pan Hd. Zinc Cover Cap Screw	SS
43	[illegible]	TS Latch	Zinc
44	[illegible]	TS Latch Retainer	Steel
45	[illegible]	TS Latch Spring	SS
46	[illegible]	Plastic TS Latch Finger Cap	PVC
47	[illegible]	Metal TS Latch Finger Cap	Steel, Zinc
48	[illegible]	Pivot Bar Corner Cap	PVC
49	[illegible]	Pivot Bar	SS
50	[illegible]	Cam Pull Handle	Steel, Zinc
51	[illegible]	Cam Pull Handle With Latch Assembly	Steel, Zinc
52	[illegible]	#8 x 3/4" Fin. Flt. Hd. ZCR Pull Handle Screw	SS
53	[illegible]	Exterior Latch Screw Plate	Steel, Zinc
54	[illegible]	#8 x 3/8" Fin. Flt. Hd. ZCR Screw Plate Screw	SS
55	[illegible]	Latch Pin Stop	PVC
56	[illegible]	Interlocking Top Rail w/ Poly Slip & Vinyl Mat	Extrusion
57	[illegible]	Locking Block (1/8" x 1" x 1/8") 90° x 3 Slots	Extrusion
58	[illegible]	Extruded Screen Frame	Kynar
59	[illegible]	Mull Extruded Screen Frame	Kynar
60	[illegible]	Screen Corner Key for Extruded Frame 2 x	PVC
61	[illegible]	Screen Corner Key with Pull Ring 2 x	PVC
62	[illegible]	Screen Corner Key without Pull Ring 2 x	PVC
63	[illegible]	Fiberglass Netting	SS
64	[illegible]	Screen Cloth	Fiberglass
65	[illegible]	90° Screen Corner Interlocking & Rotate	Nylon



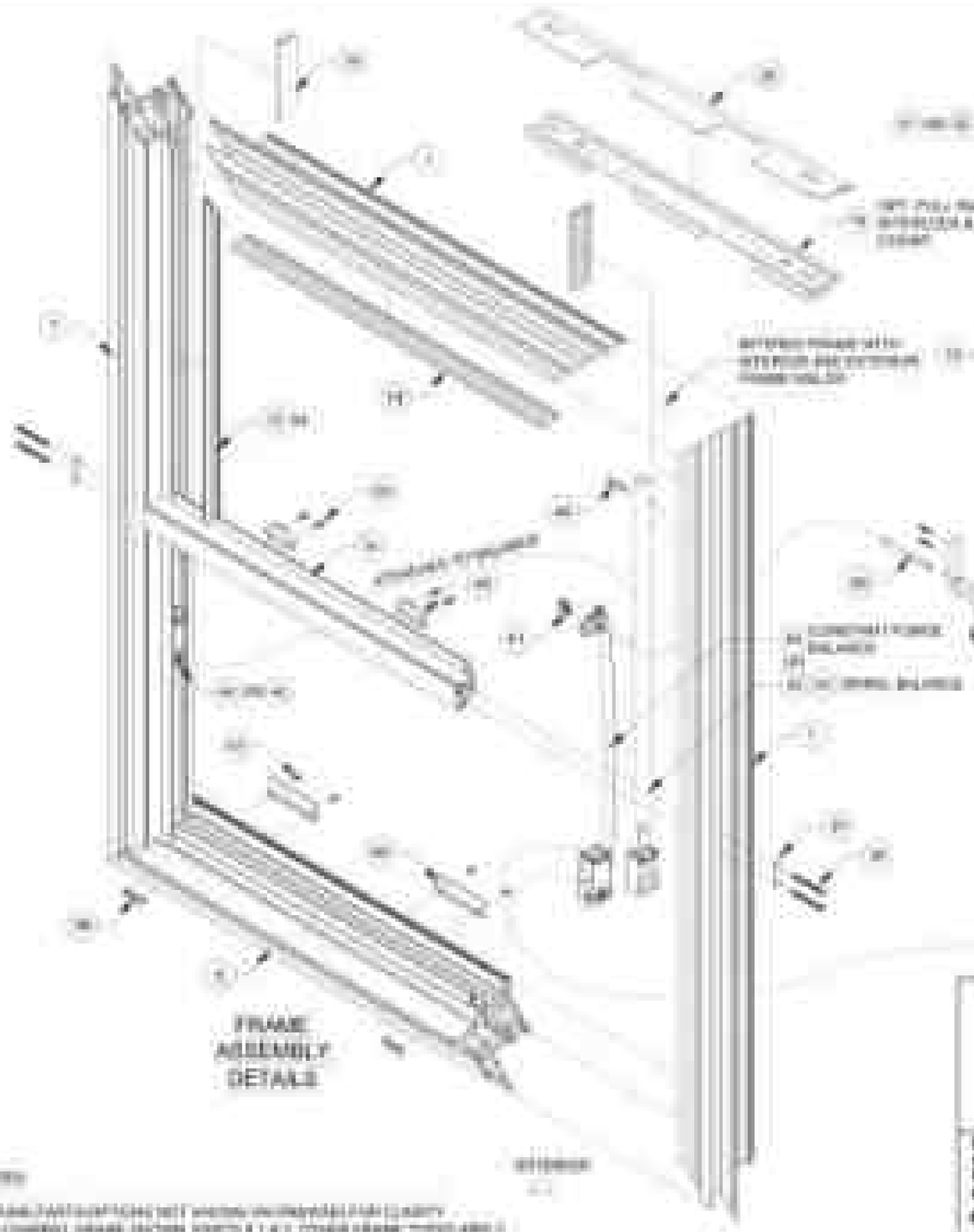
Part #	Description	Material
66	Accessories 450 TPS Kalwall System	See Box Sheet for Materials
67	Duralite Super Kalwall HAT with Hat Mat (kit)	
68	Duralite Duraseal System	
69	Duralite XL Edge System	

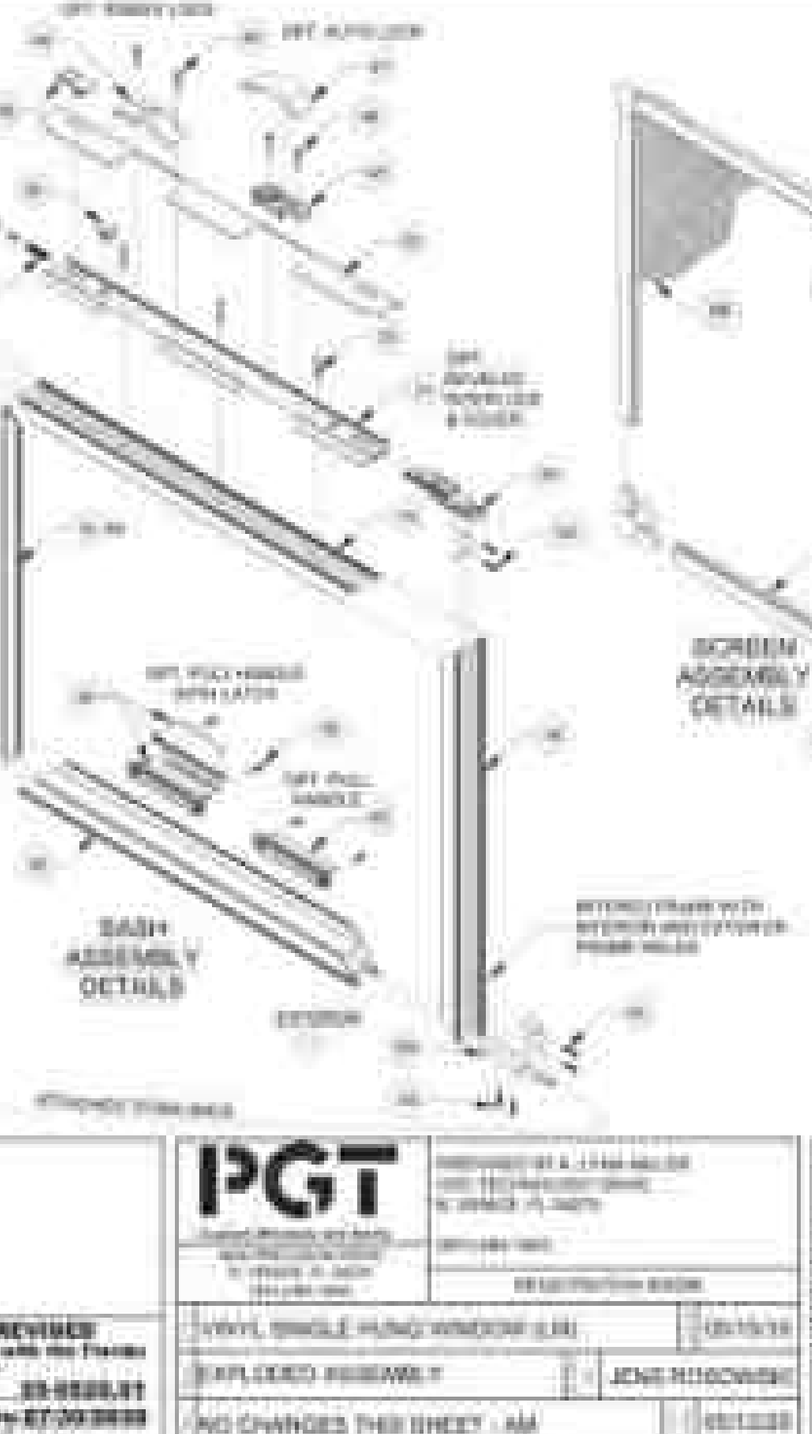
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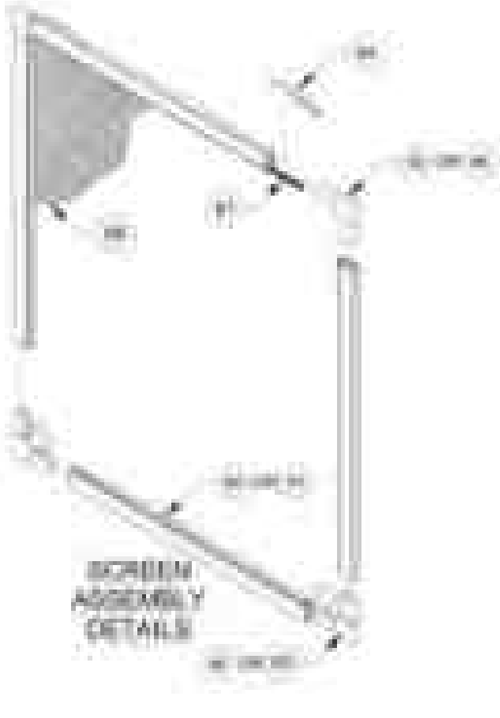
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VINYL SINGLE HUNG WINDOW (LIN) | 05/15/19
BILL OF MATERIALS | JENS-N10-DW-M00
NO CHANGES THIS SHEET - AM | 05/14/20
SHEET 10 OF 14 | SHEET-NOA | E

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LICENSE
No. 86705
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PROFESSIONAL ENGINEER







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VINYL SINGLE HUNG WINDOW (LS1) | 05/15/19
EXPLODED ASSEMBLY | JONS R1SCHWISE
NO CHANGES THIS SHEET - AM | 05/13/20
SHEET | 14 OF 14 | SHEET REV | E

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