

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

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

NOTICE OF ACCEPTANCE (NOA)

Miami Wall Systems, Inc. 701 West 25th Street Hialeah, FL 33010

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 "122" Aluminum Horizontal Rolling Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **122-HRW-LMI**, titled "HRW Window Series 122 (LMI)", sheets 1 through 7 of 7, dated 3/2/21, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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, 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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

NOA No. 21-0504.01 Expiration Date: June 03, 2025 Approval Date: June 03, 2021 5/28/21 Page 1

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 21-0504.01)
- 2. Drawing No. 122-HRW-LMI, titled "HRW Window Series 122 (LMI)", sheets 1 through 7 of 7, dated 3/2/21, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

B. TESTS

- 1. Test report 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 FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of a series 122 aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-12315**, dated 11/01/20, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2020, prepared by manufacturer, dated 03/15/21, signed and sealed by Jorge E. Valdes, P.E.
- 2. Glazing complies with **ASTM E1300-16**

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. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.

Manuel Pérez, P.E. Product Control Examiner NOA No. 21-0504.01

Expiration Date: June 03, 2025 Approval Date: June 03, 2021

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

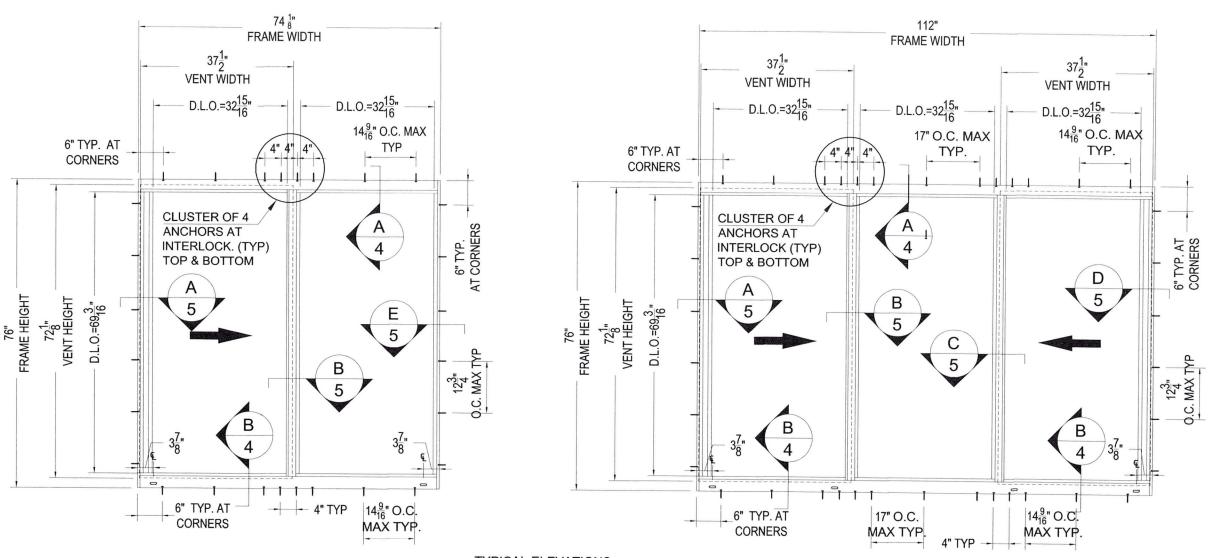
- 1. Statement letter of conformance, complying with FBC-2020, dated April 29, 2021, signed and sealed by Jorge E. Valdes, P.E.
- 2. Statement letter of no financial interest, dated April 29, 2021, signed and sealed by Jorge E. Valdes, P.E.
- **3.** Proposal No. **20-0568** issued by the Product Control Section, dated June 4, 2020, signed by Manuel Perez, P.E.

G. OTHERS

1. None.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 21-0504.01

Expiration Date: June 03, 2025 Approval Date: June 03, 2021



MWS HRW 122 (L.M.I.) ALUMINUM HORIZONTAL ROLLING WINDOWS TYPICAL ELEVATIONS

- DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3 OR 7
- APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN
- LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.
- ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE & ADOPTED STANDARDS.
- THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE, ETC.
- CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY **BUILDING OFFICIAL**
- DESIGN LOADS SHOWN ARE BASED ON ALLOWABLE STRESS DESIGN (ASD)'.

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS NOT REQUIRED.

NOA-No.

Approval Date: <u>06/03/2021</u>

Miami-Dade Product Control

By: Manuel Peres

PRODUCT APPROVED
as complying with the Florida
Building Code 3/2/202 STATE OF CORIDA CHIEF 21-0504.01 CANE OF STANKE O CALE: AS NOTE WG. BY: Y.E HK. BY: J.V.

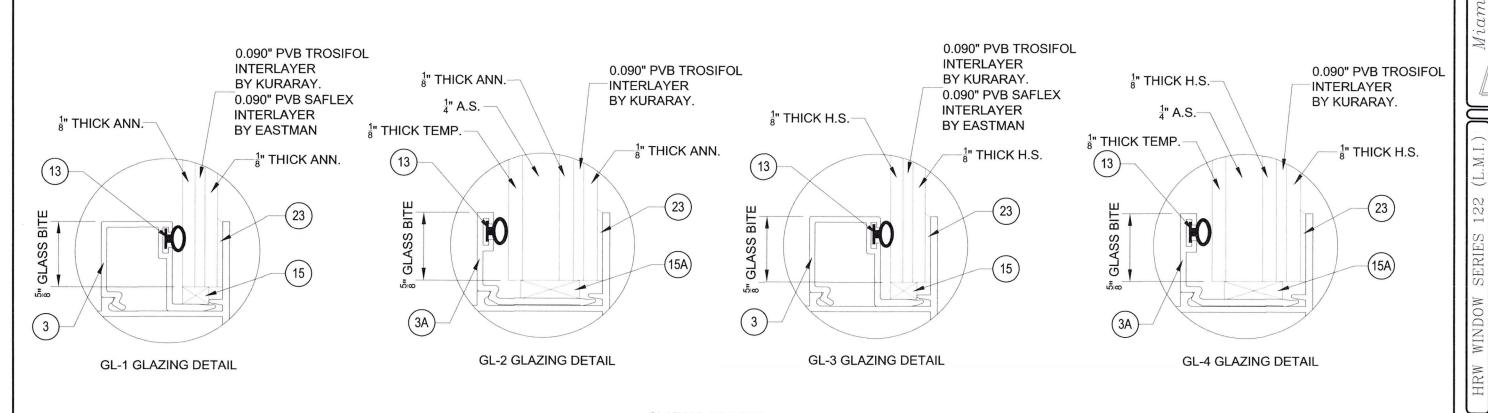
Systems

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701 West 25th Street Hialean, Florida. 33010 CAN 28565

ELEVATIONS
LAL NOTES

WINDOW ELF GENERAL



GLAZING OPTIONS

STATE OF CORIDA STATE OF SYONAL ENGINE STATE OF

PRODUCT APPROVED as complying with the Florida Building Code 21-0504.01 Approval Date: 06/03/2021

By: Manuel Perez Miami-Dade Product Control

NOA-No.

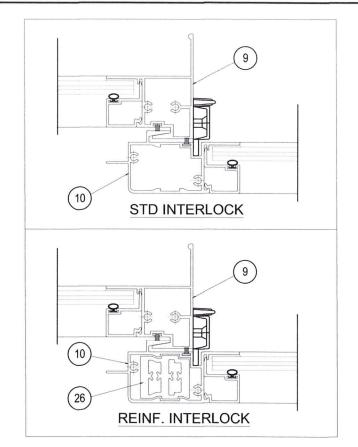
DWG NO: 122 HRW LMI

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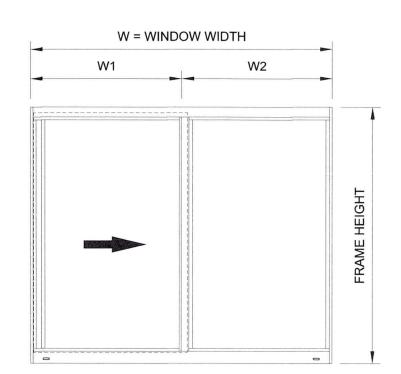
WINDOW ELEVATIONS GENERAL NOTES

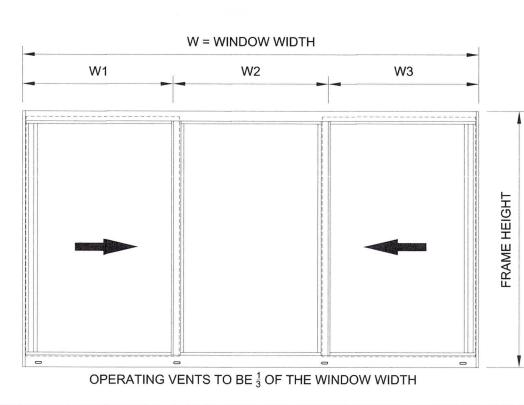
| DESIGN LOAD CAPACITY - PSF (XO or OX) | | | | | | | | | |
|---------------------------------------|--------|---------------|---------|---------|---------|------------------------|---------|---------|---------|
| WINDOW DIMS | | STD INTERLOCK | | | | LIGHT REINF. INTERLOCK | | | |
| | | GL-1 | | GL-2 | | GL-3 | | GL-4 | |
| WIDTH (W) | HEIGHT | EXT (+) | INT (-) | EXT (+) | INT (-) | EXT (+) | INT (-) | EXT (+) | INT (-) |
| 60 | 52 | 60 | 60 | 60 | 60 | 80 | 100 | 80 | 80 |
| 64 | | 60 | 60 | 60 | 60 | 80 | 100 | 80 | 80 |
| 68 | | 60 | 60 | 60 | 60 | 80 | 100 | 80 | 80 |
| 74 | | 60 | 60 | 60 | 60 | 80 | 98 | 80 | 80 |
| 60 | 56 | 60 | 60 | 60 | 60 | 80 | 100 | 80 | 80 |
| 64 | | 60 | 60 | 60 | 60 | 80 | 101 | 80 | 80 |
| 68 | | 60 | 60 | 60 | 60 | 80 | 98 | 80 | 80 |
| 74 | | 60 | 60 | 60 | 60 | 80 | 95 | 80 | 80 |
| 60 | 60 | 60 | 60 | 60 | 60 | 80 | 100 | 80 | 80 |
| 64 | | 60 | 60 | 60 | 60 | 80 | 98 | 80 | 80 |
| 68 | | 60 | 60 | 60 | 60 | 80 | 95 | 80 | 80 |
| 74 | | 60 | 60 | 60 | 60 | 80 | 92 | 80 | 80 |
| 60 | 63 | 60 | 60 | 60 | 60 | 80 | 98 | 80 | 80 |
| 64 | | 60 | 60 | 60 | 60 | 80 | 95 | 80 | 80 |
| 68 | | 60 | 60 | 60 | 60 | 80 | 94 | 80 | 80 |
| 74 | | 60 | 60 | 60 | 60 | 80 | 90 | 80 | 80 |
| 60 | | - | - | - | - | 80 | 95 | 80 | 80 |
| 64 | 68 | - | - | - | - | 80 | 92 | 80 | 80 |
| 68 | | - | - | - | - | 80 | 90 | 80 | 80 |
| 74 | | - | - | - | - | 80 | 87 | 80 | 80 |
| 60 | 72 | - | - | - | - | 80 | 92 | 80 | 80 |
| 64 | | - | - | - | - | 80 | 90 | 80 | 80 |
| 68 | | - | - | - | - | 80 | 87 | 80 | 80 |
| 74 | | - | - | - | - | 80 | 82 | 80 | 80 |
| 60 | 76 | - | - | - | - | 80 | 91 | 80 | 80 |
| 64 | | - | - | - | - | 80 | 88 | 80 | 80 |
| 68 | | - | _ | - | - | 80 | 85 | 80 | 80 |
| 74 | | - | - | - | - | 80 | 80 | 80 | 80 |

| DESIGN LOAD CAPACITY - PSF (XOX) | | | | | | | | | |
|----------------------------------|--------|---------------|---------|---------|---------|------------------------|---------|---------|---------|
| WINDOW DIMS | | STD INTERLOCK | | | | LIGHT REINF. INTERLOCK | | | |
| | | GL-1 | | GL-2 | | GL-3 | | GL-4 | |
| WIDTH (W) | HEIGHT | EXT (+) | INT (-) | EXT (+) | INT (-) | EXT (+) | INT (-) | EXT (+) | INT (-) |
| 120 | 52 | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 124 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 128 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 132 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 112 | 56 | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 116 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 120 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 124 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 104 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 108 | 60 | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 112 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 116 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 100 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 104 | 63 | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 108 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 112 | | 60 | 60 | 60 | 60 | 80 | 80 | 80 | 80 |
| 112 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 116 | 68 | - | - | - | - | 80 | 80 | 80 | 80 |
| 120 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 124 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 104 | 72 | - | - | - | - | 80 | 80 | 80 | 80 |
| 108 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 112 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 116 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 100 | | - | - | - | - | 80 | 80 | 80 | 80 |
| 104 | 76 | - | - | - | - | 80 | 80 | 80 | 80 |
| 108 | 76 | - | - | - | - | 80 | 80 | 80 | 80 |
| 112 | | - | - | - | - | 80 | 80 | 80 | 80 |



ALL EXTERIOR (+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOW WITH APPLIED RISER AT FRAME SILL. IF SILL RISER IS NOT USED LIMIT THE EXT (+) LOADS TO + 60 PSF. SEE DETAIL ON SHEET # 4.





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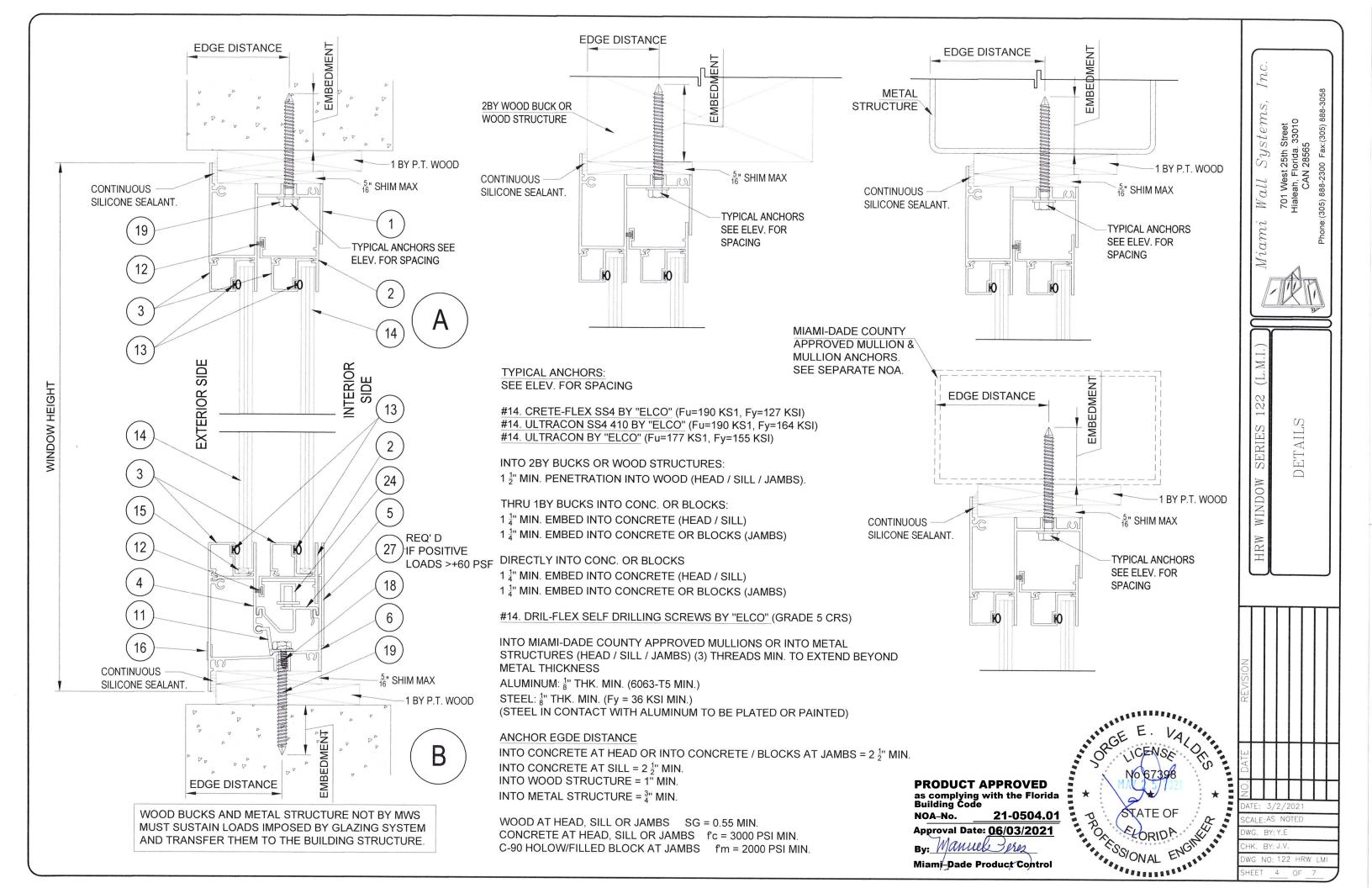
Approval Date: 06/03/2021

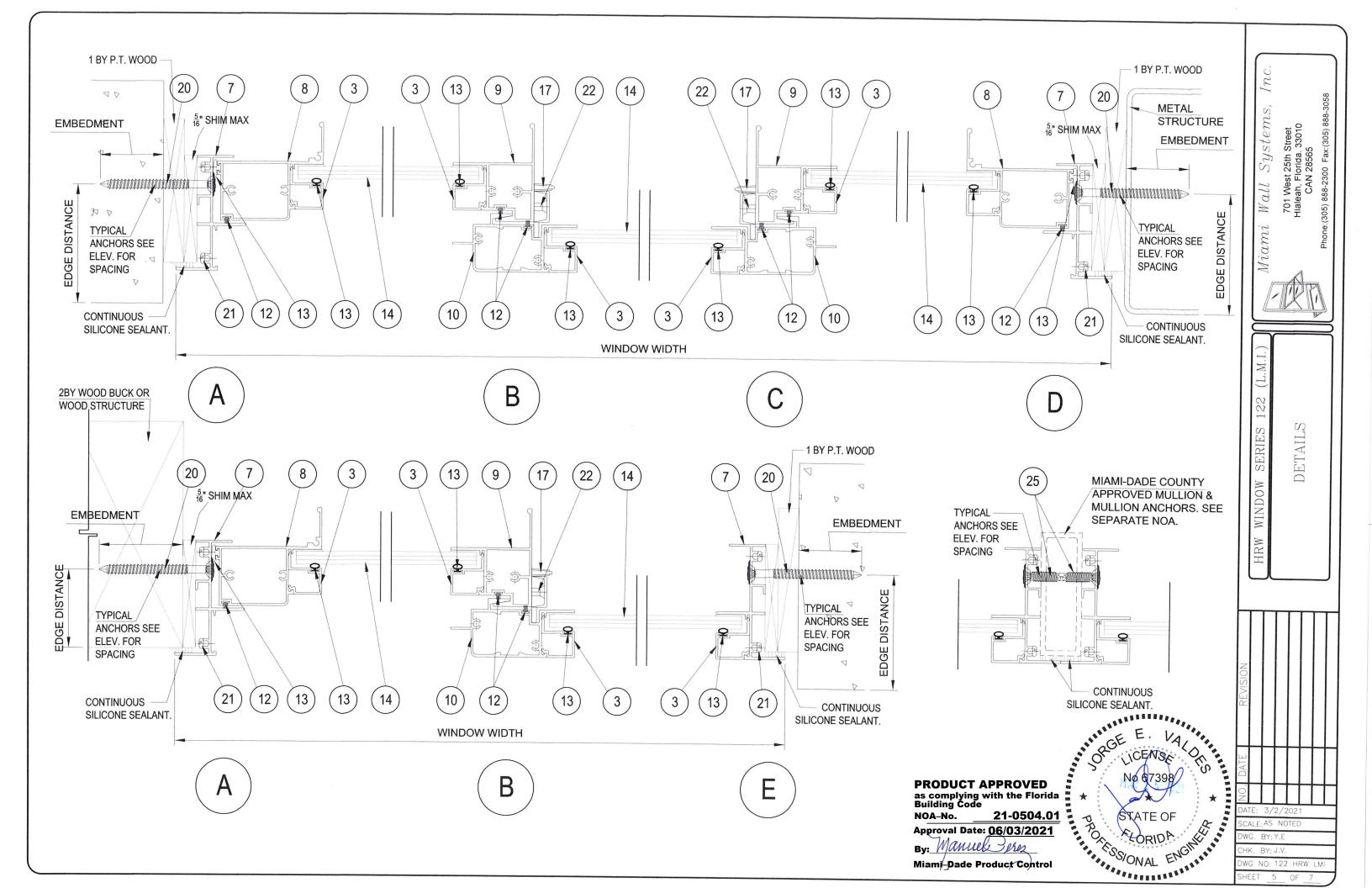
By: Manuel eres Miami-Dade Product Control

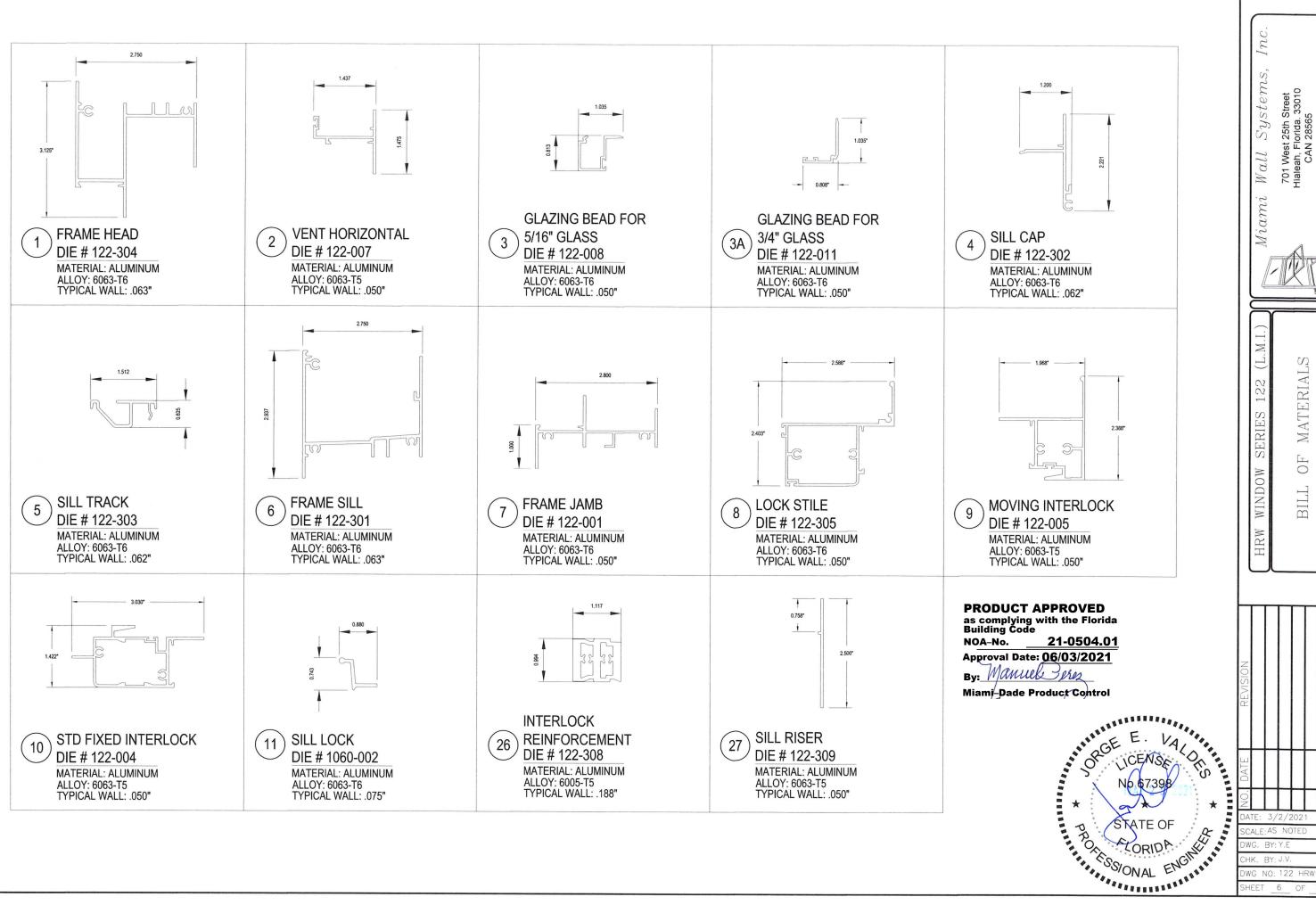
STATE OF CORIDA STATE OF SYONAL ENGINE

701 West 25th Street Hialeah, Florida. 33010 CAN 28565

CHARTS PRESSURE







Fax:(305) 888-

HEET 6 OF

| | | MATERIALS LIS | Т | | | |
|-----------|--------------------------------|--|--------------|---|--|--|
| ITEM NO. | DESCRIPTION | REQ'D | PART NUMBER | COMMENTS | | |
| 1 | FRAME HEAD | 1 | 122-304 | ALUMINUM ALLOY 6063-T6 | | |
| (2) | VENT HORIZONTAL | 2 | 122-007 | ALUMINUM ALLOY 6063-T5 | | |
| 3 | GLAZING BEAD FOR 5/16" GLASS | AS REQUIRED | 122-008 | ALUMINUM ALLOY 6063-T6 | | |
| 3A | GLAZING BEAD FOR 3/4" GLASS | AS REQUIRED | 122-011 | ALUMINUM ALLOY 6063-T6 | | |
| 4 | SILL CAP | 1 | 122-302 | ALUMINUM ALLOY 6063-T6 | | |
| 5 | SILL TRACK | 1 | 122-303 | ALUMINUM ALLOY 6063-T6 | | |
| 6 | FRAME SILL | 1 | 122-301 | ALUMINUM ALLOY 6063-T6 | | |
| (7) | FRAME JAMB | 2 | 122-001 | ALUMINUM ALLOY 6063-T6 | | |
| (8) | LOCK STILE | 1 | 122-305 | ALUMINUM ALLOY 6063-T6 | | |
| (9) | MOVING INTERLOCK | 1 | 122-005 | ALUMINUM ALLOY 6063-T5 | | |
| 10 | STD FIXED INTERLOCK | 1 | 122-004 | ALUMINUM ALLOY 6063-T5 | | |
| 11 | SILL LOCK, 3" LONG | 1 @ INTERLOCK | 1060-002 | ALUMINUM ALLOY 6063-T6 | | |
| 12 | FIN SEAL | AS REQUIRED | W33181NG | | | |
| 13 | GASKET | AS REQUIRED | ULT-E23018KN | | | |
| 14 | LAMINATED GLASS 5/16" OR 3/4" | 2 PER FRAME AT "XO" OR "OX" 3 PER FRAME AT "XOX" | | SEE SHEET 1 & 2 FOR DETAILS | | |
| 15 | SETTING BLOCKS FOR 5/16" GLASS | 2 PER LITE | | 1/8" X 1/4" X 4" LG EPDM | | |
| 15A | SETTING BLOCKS FOR 3/4" GLASS | 2 PER LITE | | 1/2" X 1/4" X 4" LG EPDM | | |
| 16 | WEEP HOLE COVER | 2 PER FRAME SILL | | | | |
| 17 | SWEEP LOCK | 2 PER INTERLOCK | | | | |
| 18 | SILL LOCK SCREWS | 2 PER SILL LOCK | | #10 X 1/2", PAN HEAD, SMS, S/S, TYPE A | | |
| 19 | INSTALLATION SCREWS | AS REQUIRED @ HEAD & SILL | | #14 X 3", HEX HEAD, SMS, S/S, TYPE A | | |
| 20 | INSTALLATION SCREWS | AS REQUIRED @ JAMBS | | #14 X 3", FLAT HEAD, SMS, S/S, TYPE A | | |
| 21 | ASSEMBLY SCREWS | 16 PER FRAME, 8 PER VENT | | #8 X 1 1/4", PAN HEAD, SMS, S/S, TYPE A | | |
| 22 | SWEEP LOCK SCREWS | 2 PER SWEEP LOCK | | #10-32 X 1/2", FLAT HEAD, MACHINE SCREW | | |
| 23 | SILICONE | AS REQUIRED | | DOW CORNING 795 | | |
| 24 | ROLLER | 2 PER VENT | | MWS CUSTOM | | |
| 25 | INSTALLATION SCREWS | AS REQUIRED @ JAMB / MULLION | | #14 x 1" TEK SCREW | | |
| 26 | INTERLOCK REINFORCEMENT | 1 PER INTERLOCK | 122-308 | ALUMINUM ALLOY 6005-T5 | | |
| 27 | SILL RISER | 1 | 122-309 | ALUMINUM ALLOY 6063-T5 | | |

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MATERIALS

OF

BILL

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NOA-No. 21-0504.01
Approval Date: 06/03/2021
By: Manuel Pres

Miami-Dade Product Control

OPERATE OF STATE OF LORIDA CONTRACTOR SONAL ENGINEERS

CHK. BY: J.V. DWG NO: 122 HRW LMI