



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

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
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](http://www.miamidade.gov/building)

**RC Home Showcase, Inc.**  
**16115 NW 52<sup>nd</sup> Avenue**  
**Miami Gardens, Fl. 33014**

### 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 "MHV" Aluminum Project-Out – S.M.I.

**APPROVAL DOCUMENT:** Drawing No. **MHV-18**, titled "Series MHV Aluminum Project Out Window (S.M.I.)", sheets 1 through 7 of 7, dated 04/03/19, with revision 1 dated 11/01/19, prepared by manufacturer, signed and sealed by Mehaboob Shaik, 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: 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.**



  
9/14/20

NOA No. 19-0711.01  
Expiration Date: September 24, 2025  
Approval Date: September 24, 2020  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **MHV-18**, titled "Series MHV Aluminum Project Out Window (S.M.I.)", sheets 1 through 7 of 7, dated 04/03/19, with revision 1 dated 11/01/19, prepared by manufacturer, signed and sealed by Mehaboob Shaik, P.E.

**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) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per TAS 202-94 and ASTM F588  
7) Drop Load Test, per FBC 1618.4.6.3 and ANSI Z97.1  
along with marked-up drawings and installation diagram of a series MHV aluminum project out window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-10628**, dated 03/15/19, and revised on 10/28/19 and 11/01/19, signed and sealed by Idalmis Ortega, P.E.
2. Dow construction laboratory **Sealant Adhesion** Test Report for Elysee (19-001790) – MHV Series Vent, dated March 12, 2019 certifying testing/evaluation of DowSil Structural Glazing Sealants application and recommendations for this specific job, for **DowSil 121 Structural Glazing Sealant**, **DowSil 983 Structural Glazing Sealant** and **DowSil 995 Structural Silicone Sealant** with recommendations that the DowSil 121 and 983 be used only with DowSil Primer-C OS. This report was prepared by Kevin Dunphy, Sr. Business Development Specialist.
3. Dow construction laboratory **Sealant Compatibility** Test Report for Elysee (19-001790) – MHV Series Vent, dated March 29, 2019 certifying testing/evaluation of DowSil Structural Glazing Sealants application and recommendations for this specific job, for **DowSil 121 Structural Glazing Sealant**, **DowSil 983 Structural Glazing Sealant** and **DowSil 995 Structural Silicone Sealant** with recommendations that all dark colored sealant be used to minimize or hide the discoloration that was observed. This report was prepared by Kevin Dunphy, Sr. Business Development Specialist.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 07/08/19 and revised on 10/30/19, prepared by Bismil Engineering, LLC, signed and sealed by Mehaboob Shaik, P.E.
2. Glazing complies with **ASTM E1300-09**

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 19-0711.01  
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**RC Home Showcase, Inc.**

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**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. 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.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 6<sup>th</sup> Edition (2017)**, and of no financial interest, dated July 8, 2019, issued by Bismil Engineering, LLC, signed and sealed by Mehaboob Shaik, P.E.
2. Proposal **#18-1603**, issued by the Product Control, dated October 26, 2018, signed by Manuel Perez, P.E.

**G. OTHERS**

1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 19-0711.01  
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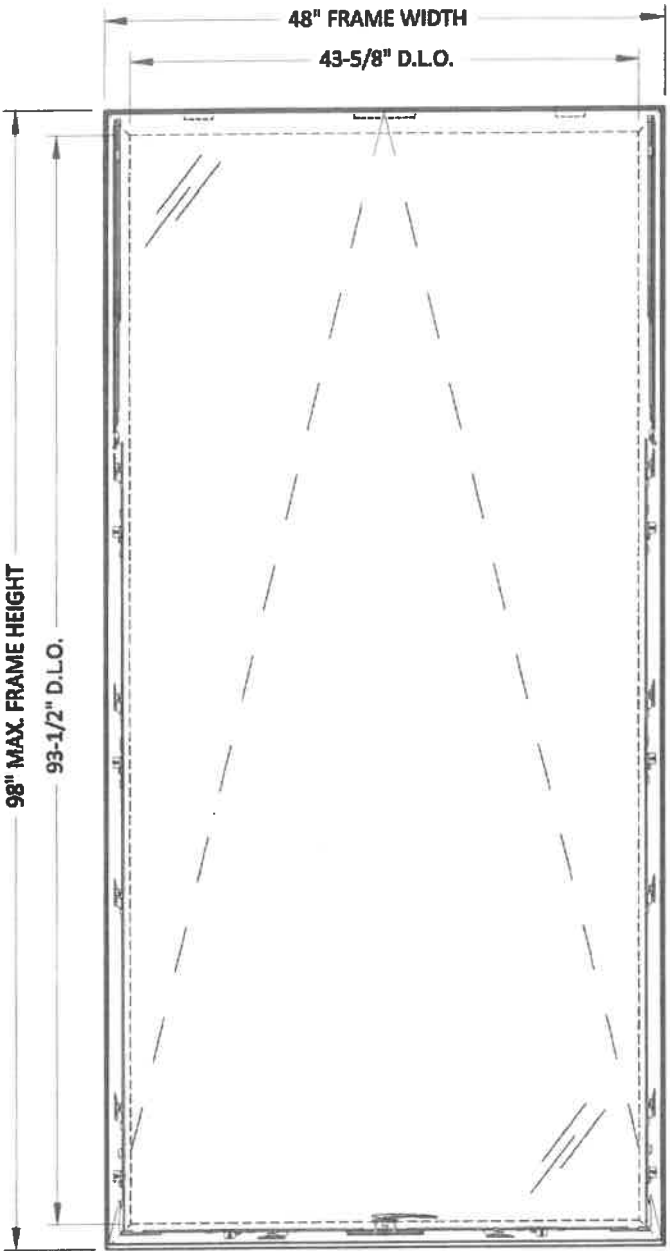
SERIES "MHV" ALUMINUM PROJECT OUT WINDOW (SMI)

GENERAL NOTES

- 1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND HAS BEEN ACCEPTED BY THE MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) PRODUCT CONTROL SECTION, TO BE USED IN MIAMI-DADE COUNTY AND OTHER AREAS WHERE ALLOWED BY THE AUTHORITY HAVING JURISDICTION (AHJ)
- 2. THIS PRODUCT IS RATED SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED HURRICANE PROTECTION SYSTEM (SHUTTERS) ARE REQUIRED FOR INSTALLATIONS UP TO 30 FEET ABOVE GRADE IN WIND-BORNE DEBRIS REGIONS. SHUTTERS ARE NOT REQUIRED WHEN PRODUCT IS INSTALLED ABOVE 30 FEET OF GRADE
- 3. WOOD BUCKS DEPICTED AS "1X", ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2" AND ARE OPTIONAL IF PRODUCT CAN BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS "2X", ARE BUCKS WHOSE TOTAL THICKNESS IS 1-1/2" OR GREATER. THE DESIGN OF WOOD BUCKS AND BUCK FASTENERS MUST BE ENGINEERED BY OTHERS AND MUST BE INSTALLED ADEQUATELY TO TRANSFER THE LOADS IMPOSED ON THEM BY THE WINDOW TO THE BUILDING STRUCTURE.
- 4. SHIMS USED FOR PRODUCT'S INSTALLATION SHALL BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE, CAPABLE OF TRANSFERRING APPLIED LOADS
- 5. DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING STEEL OR METAL SCREWS, SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE
- 6. ANCHORS MUST BE CORROSION RESISTANT, SPACED AS SHOWN IN DETAILS AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO AND AS SPECIFIED IN THESE INSTRUCTIONS
- 7. THIS APPROVAL APPLIES TO INSTALLATIONS OF SINGLE UNITS OR SIDE-BY-SIDE COMBINATIONS OF THIS PRODUCT OR THIS PRODUCT 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 WILL APPLY TO THE ENTIRE SYSTEM
- 8. INSTALLATION CONDITIONS DEPICTED IN THESE INSTRUCTIONS ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC PROJECT. SITE-SPECIFIC CONDITIONS THAT DEVIATE FROM THE CONDITIONS DETAILED HEREIN MUST BE PREPARED BY A REGISTERED ENGINEER OR ARCHITECT, WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THIS EVALUATION, AND EXAMINED BY A BUILDING OFFICIAL
- 9. THIS PRODUCT COMPLIES WITH THE STANDARD ANSI Z97.1 SAFETY GLAZING MATERIALS USED IN BUILDINGS-SAFETY PERFORMANCE SPECIFICATIONS AND METHODS OF TEST

DRAWING INDEX

- SHEET 1: GENERAL NOTES AND TYPICAL ELEVATION
- SHEET 2: ANCHOR AND LOCKING POINT LAYOUT
- SHEET 3 , 4: VERTICAL INSTALLATION OPTIONS DETAILS AND TYPICAL ANCHORS
- SHEET 5: HORIZONTAL INSTALLATION OPTIONS DETAILS
- SHEET 6: BILL OF MATERIALS AND GLAZING DETAIL
- SHEET 7: CORNER CONSTRUCTION DETAILS AND PROFILES



TYPICAL ELEVATION VIEWED FROM EXTERIOR

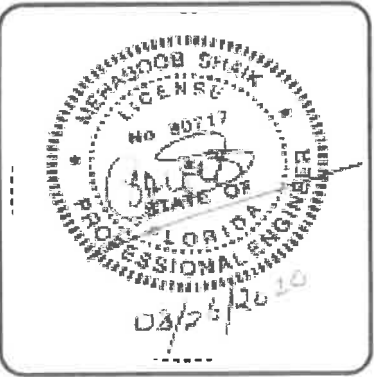
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MAXIMUM DESIGN PRESSURE (FOR SIZE SHOWN ABOVE OR SMALLER)	
EXTERIOR	INTERIOR
+135.0 PSF	-135.0 PSF
WATER RESISTANCE TEST: 25.0 PSF	

THIS WINDOW IS RATED SMALL MISSILE IMPACT  
SHUTTERS ARE NOT REQUIRED FOR INSTALLATIONS ABOVE 30 FEET OF GRADE  
SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FEET OF GRADE

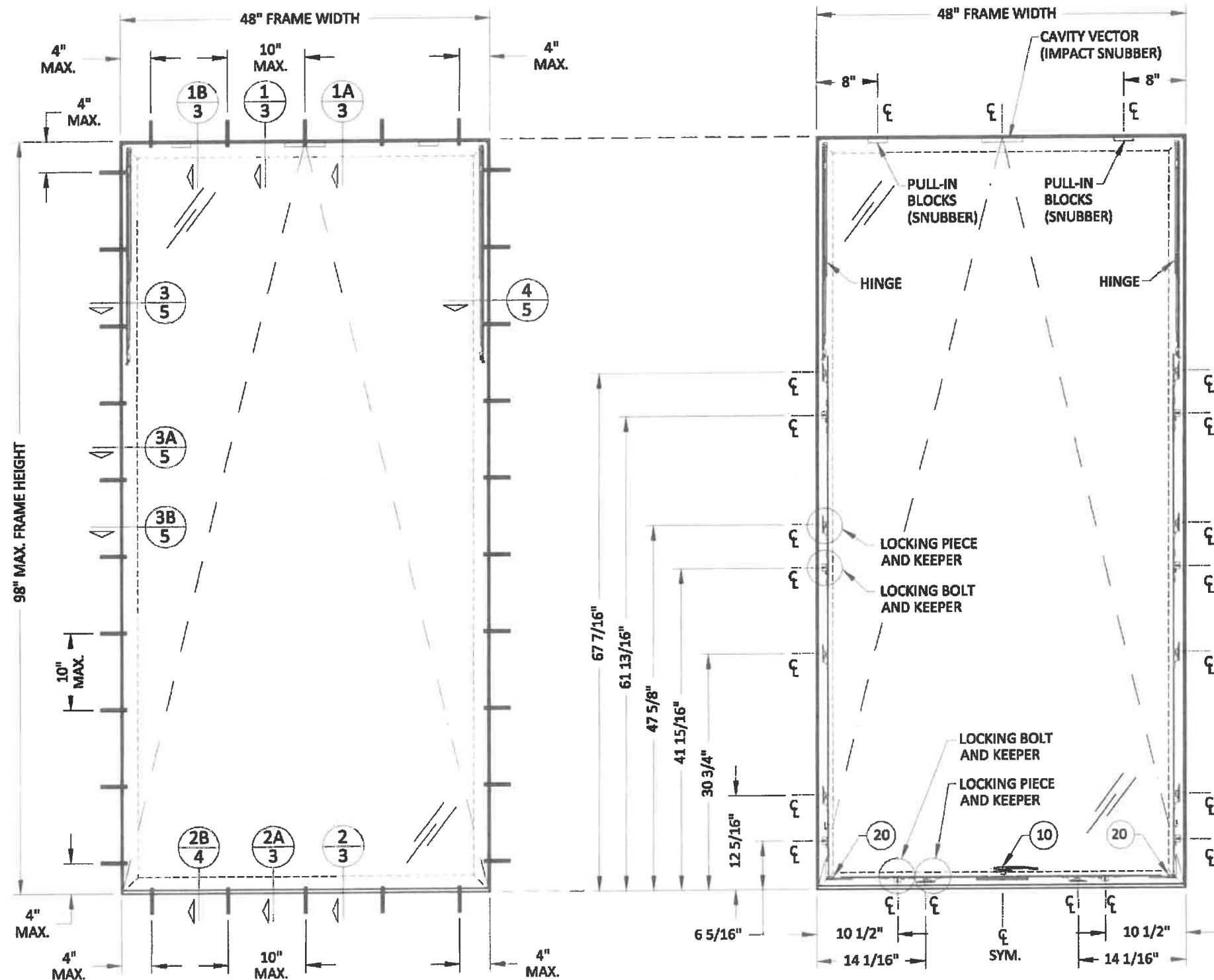
THIS WINDOW COMPLIES WITH ANSI Z97.1

PRODUCT APPROVED  
As complying with the Florida  
Building Code  
NOA-No. 19-0711.01  
Approval Date: 09/24/20  
By: *Manuel Perez*  
Miami-Dade Product Control



SERIES MHV ALUMINUM PROJECT OUT WINDOW (SMI)		GENERAL NOTES / TYPICAL ELEVATION	
REV.	DATE	DESCRIPTION	BY
1	11-01-19	NO CHANGE THIS SHEET	-
DATE: 04-03-19	SCALE: AS NOTED	DRAWN: RP	CHECKED: -
DRAWING No. MHV-18			
SHEET 1 OF 7			





**ANCHOR LAYOUT**  
(SEE TYPICAL ANCHORS, SHEET 4 OF 7, FOR ANCHOR TYPES AND SUBSTRATE INSTALLATION OPTIONS, REQUIRED PENETRATION AND CRITICAL EDGE DISTANCES)

**LOCKING POINT LAYOUT**  
(SEE LOCKING POINT CHARTS IN THIS PAGE FOR REQUIREMENT)

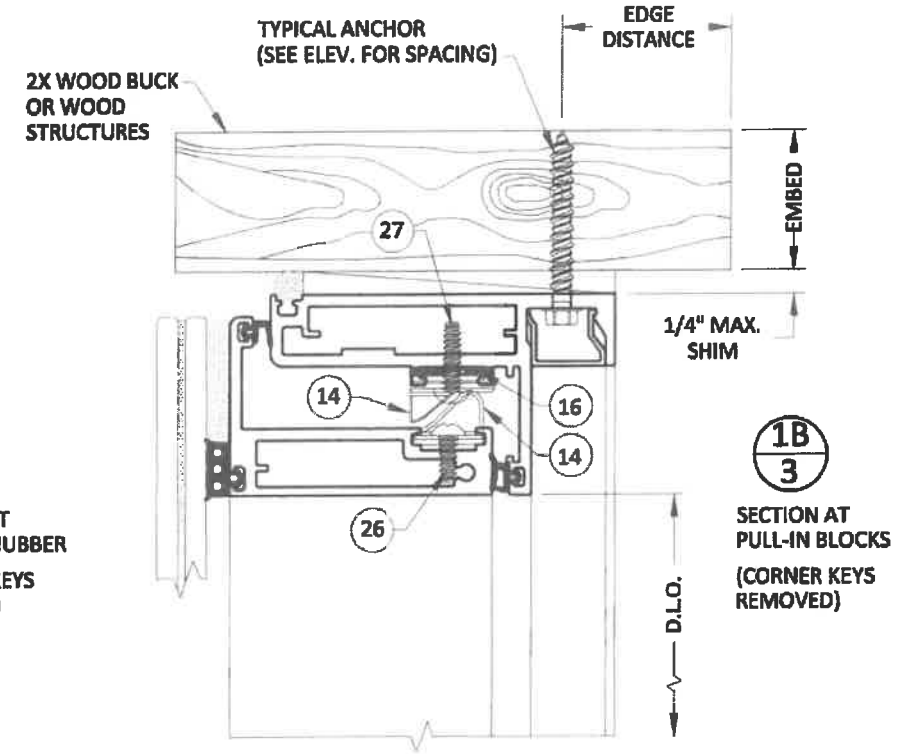
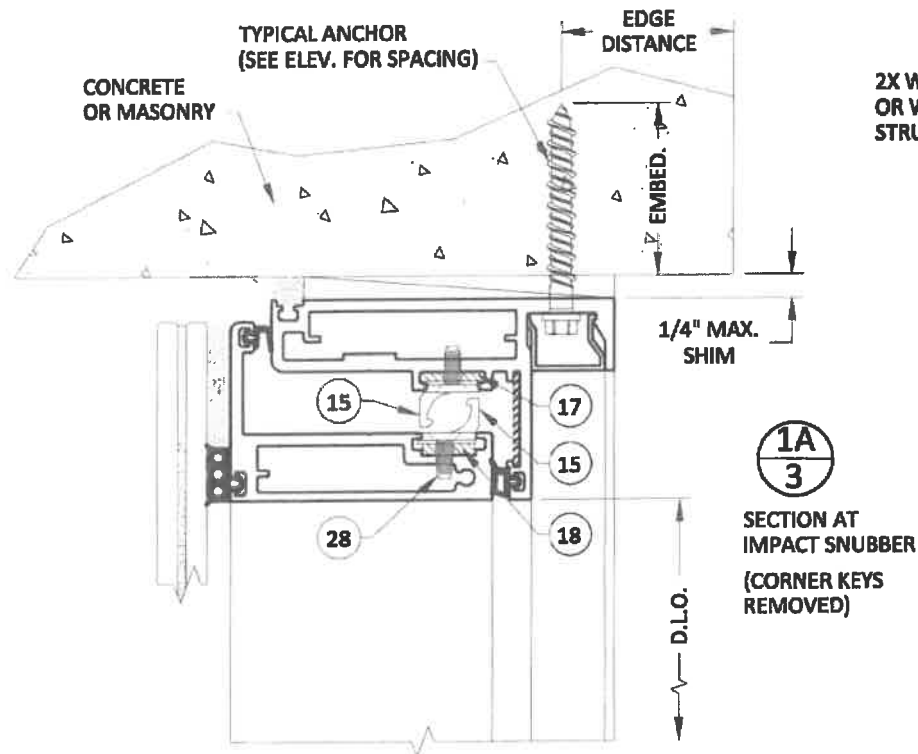
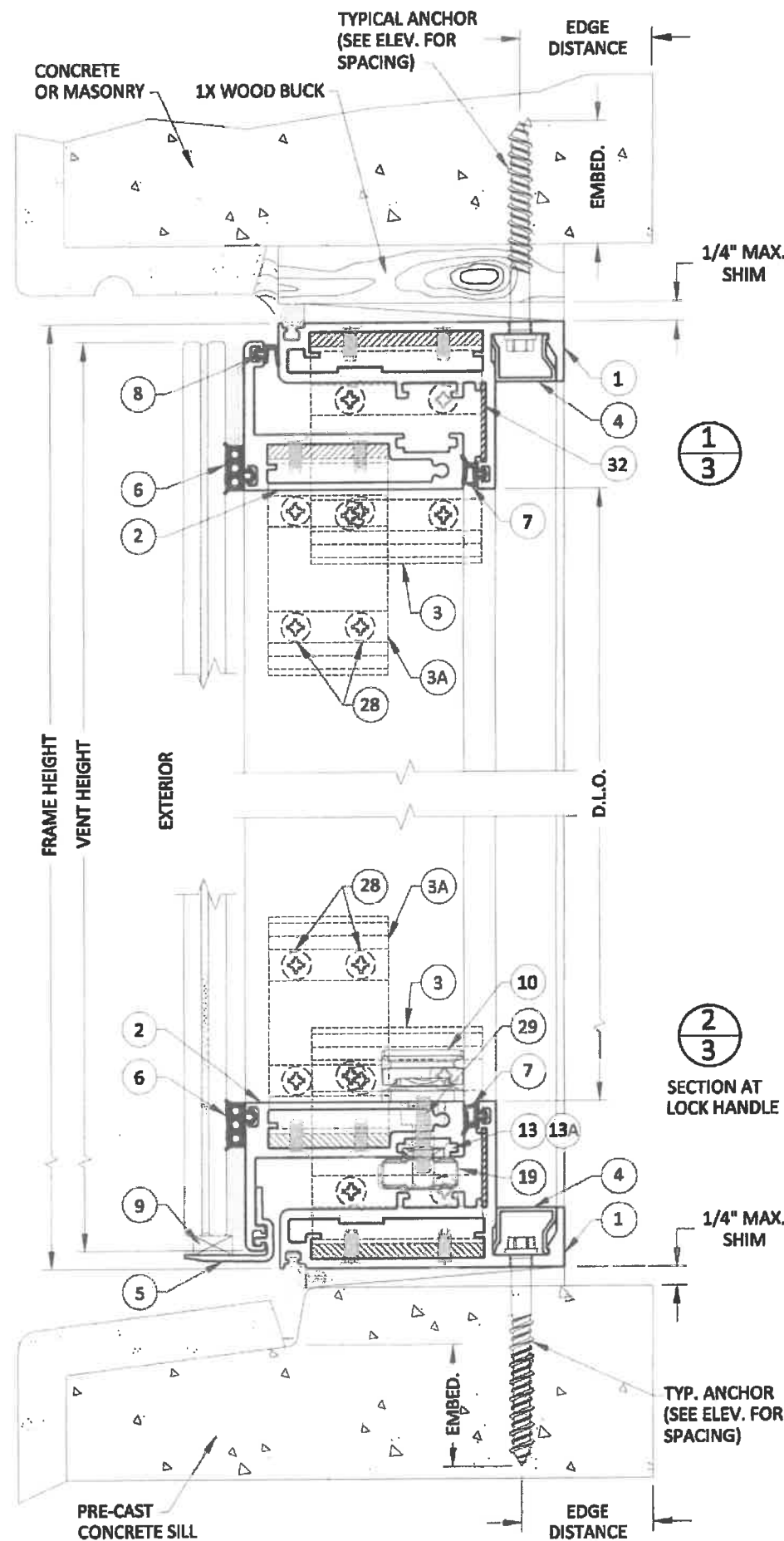
LOCKING POINT CHART (EACH JAMB)			
WINDOW HEIGHT	LOCKING PIECE & KEEPER	LOCKING BOLT & KEEPER	TOTAL POINT LOCK
50-5/8"	1	1	2
63"	2	1	3
78"	3	1	4
98"	4	3	7

LOCKING POINT CHART (SILL)			
WINDOW WIDTH	LOCKING PIECE & KEEPER	LOCKING BOLT & KEEPER	TOTAL POINT LOCK
37"	2	2	4
42"			
48"			

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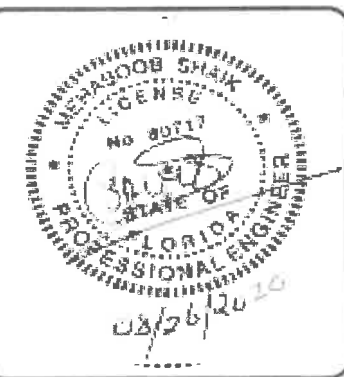


SERIES MHV ALUMINUM PROJECT OUT WINDOW (SMI)		ANCHOR AND LOCKING POINT LAYOUT	
DATE	DESCRIPTION	BY	REV.
04-03-19	11-01-19	1	1
SCALE: 1:16	REV. PER RER COMMENTS		
DRAWN: RP			
CHECKED: -			
DRAWING No. MHV-18			
SHEET 2 OF 7			

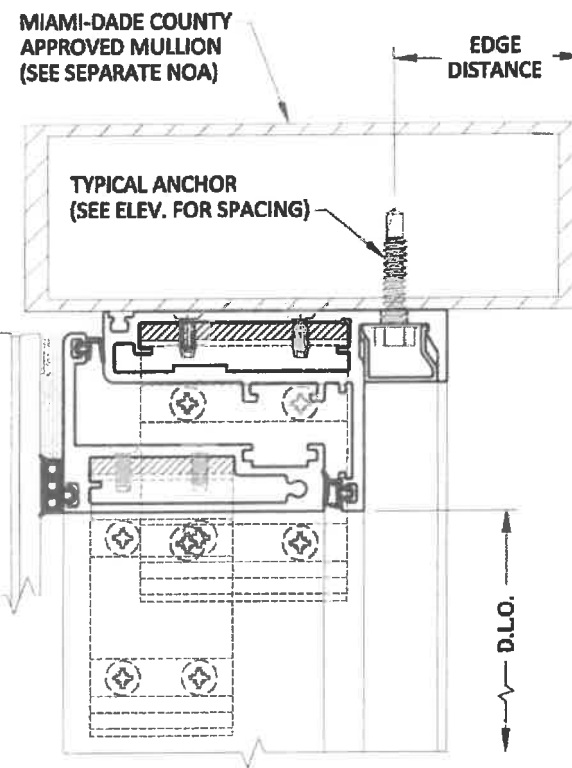
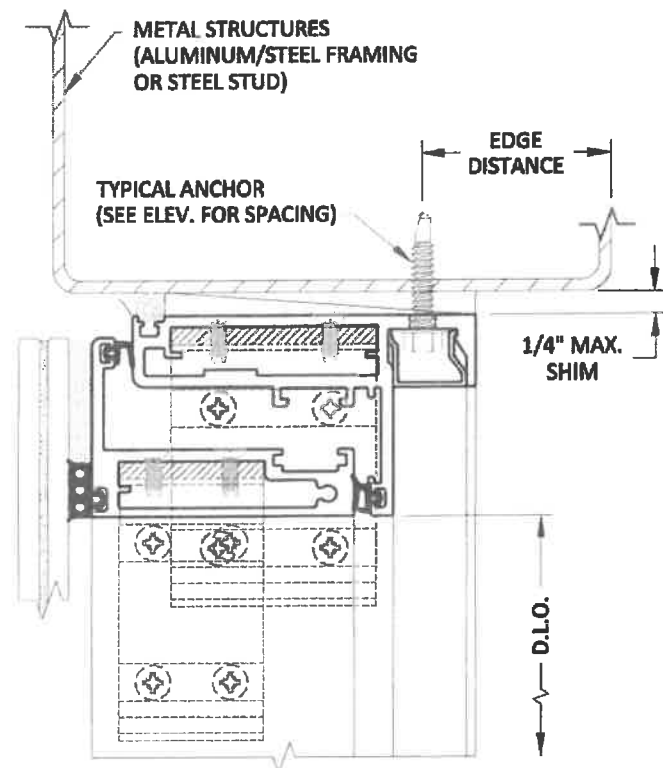


WOOD BUCKS AND METAL STRUCTURES NOT BY RC HOME SHOWCASE, INC. MUST SUSTAIN LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE

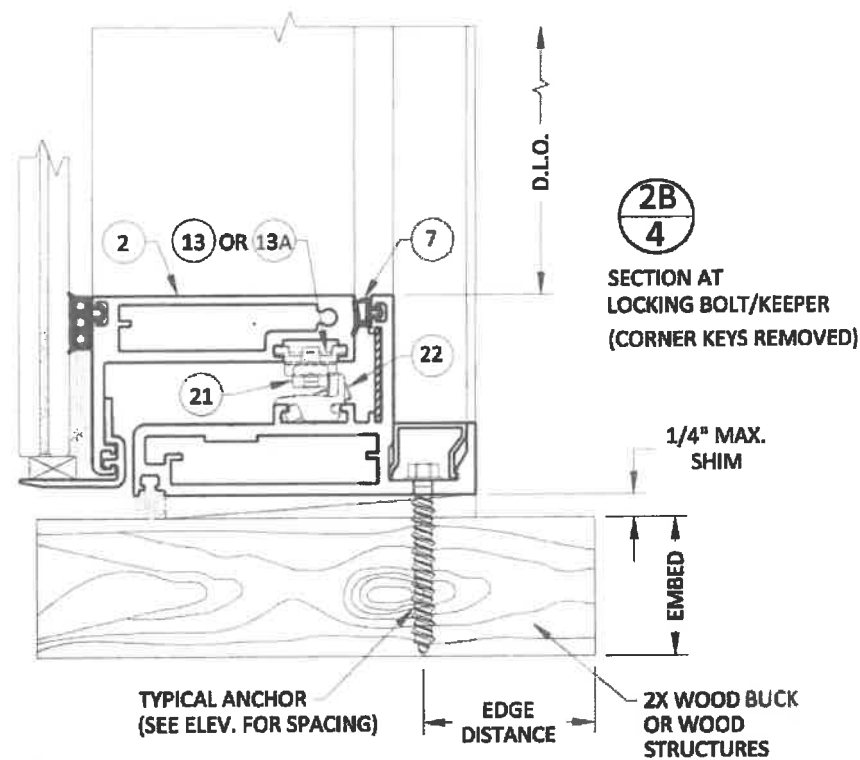
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As complying with the Florida Building Code  
NOA-No. 19-0711.01  
Approval Date: 09/24/20  
By: *Manuel Perez*  
Miami-Dade Product Control



16115 NW 52ND AVENUE MIAMI GARDENS, FL 33014 TEL: (305) 392-6214 FAX: (305) 260-6432		RC HOME SHOWCASE ALUMINUM WINDOWS AND DOORS	
SERIES MHV ALUMINUM PROJECT OUT WINDOW (SMI)		VERTICAL INSTALLATION OPTIONS	
DATE: 04-03-19	REV: 1	DESCRIPTION	REV. PER RER COMMENTS
SCALE: 1:2	11-01-19	BY	
DRAWN: RP			
CHECKED: -			
DRAWING No. MHV-18		SHEET 3 OF 7	



WOOD BUCKS AND METAL STRUCTURES NOT BY RC HOME SHOWCASE, INC. MUST SUSTAIN LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE



## TYPICAL ANCHORS

**TYPE "A" :  $\phi 1/4"$  ELCO® ULTRACON® ( $F_u = 177$  KSI,  $F_y = 155$  KSI)**

INTO "2X" WOOD BUCK OR WOOD STRUCTURES:

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU "1X" WOOD BUCK INTO NON-CRACKED CONCRETE OR GROUT-FILLED BLOCKS:

1-3/4" MIN. PENETRATION INTO NON-CRACKED CONCRETE (HEAD/SILL/JAMBS)

1-3/4" MIN. PENETRATION INTO GROUT-FILLED BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR GROUT-FILLED BLOCKS:

1-3/4" MIN. PENETRATION INTO NON-CRACKED CONCRETE (HEAD/SILL/JAMBS)

1-3/4" MIN. INTO GROUT-FILLED BLOCKS (JAMBS)

**TYPE "B" :  $\phi 1/4"$  TEK OR SELF-DRILLING SCREW (GRADE 5 CRS)**

INTO METAL STRUCTURES OR MIAMI-DADE APPROVED MULLIONS (HEAD/SILL/JAMBS)

(ANCHORS MUST EXTEND A MINIMUM OF (3) THREADS BEYOND SUBSTRATE AND MAY BE HEX HEAD, PAN HEAD OR FLAT HEAD)

STEEL: 1/8" THK. (11 GA) MIN. ( $F_y = 36$  KSI MIN.)

ALUMINUM: 1/8" THK. MIN. (ALLOY 6063-T6 MIN.)

## CRITICAL EDGE DISTANCE

INTO NON-CRACKED CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1-1/4" MIN.

INTO METAL STRUCTURES = 13/16" MIN.

CONCRETE AT HEAD, SILL OR JAMBS ( $f'_c = 3513$  PSI MIN.)

C-90 NON-CRACKED CONCRETE/GROUT-FILLED BLOCKS AT JAMBS ( $f'_m = 2000$  PSI MIN.)

WOOD AT HEAD, SILL OR JAMBS ( $SG = 0.55$  MIN.)

**PRODUCT APPROVED**  
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NOA-No. 19-0711.01  
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By: *Manuel Perez*  
Miami-Dade Product Control



16115 NW 52ND AVENUE  
MIAMI GARDENS, FL 33014  
TEL: (305) 392-6214  
FAX: (305) 260-6432



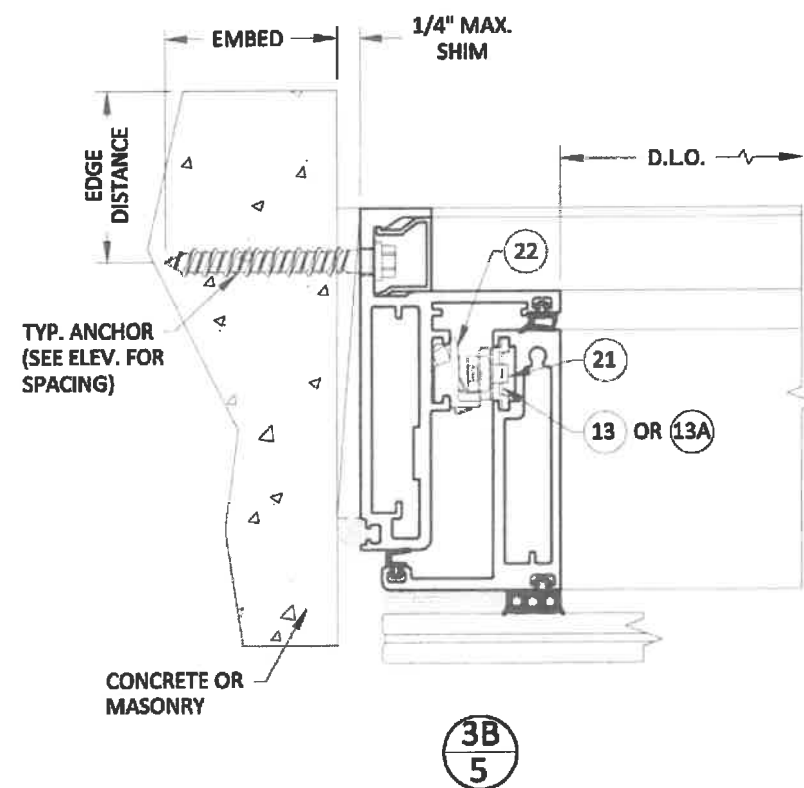
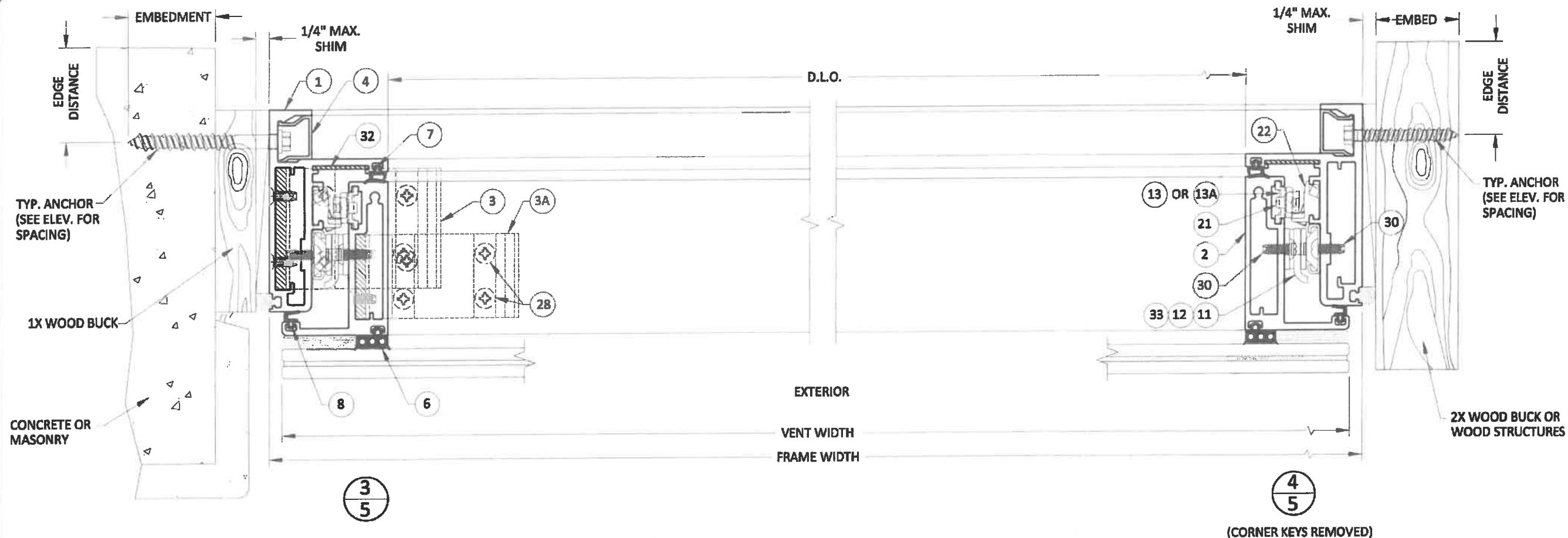
SERIES MHV ALUMINUM  
PROJECT OUT WINDOW (SMI)  
VERTICAL INSTALLATION OPTIONS  
TYPICAL ANCHORS

DATE	REV.	DATE	BY	DESCRIPTION
04-03-19	1	11-01-19	-	REV. PER RER COMMENTS
SCALE: 1:2				
DRAWN: RP				
CHECKED: -				

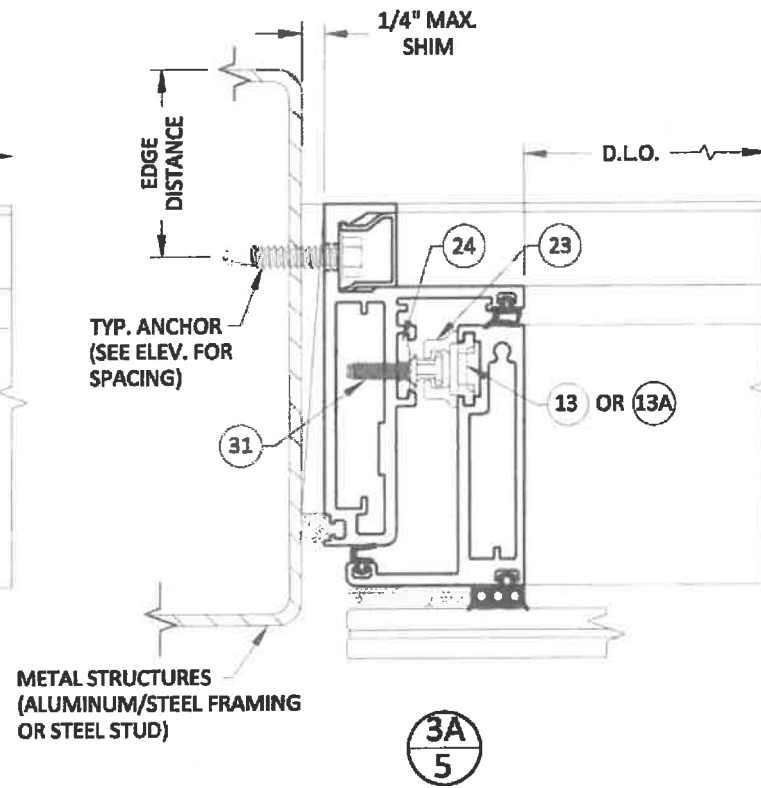
DRAWING No.  
MHV-18

SHEET  
4 OF 7

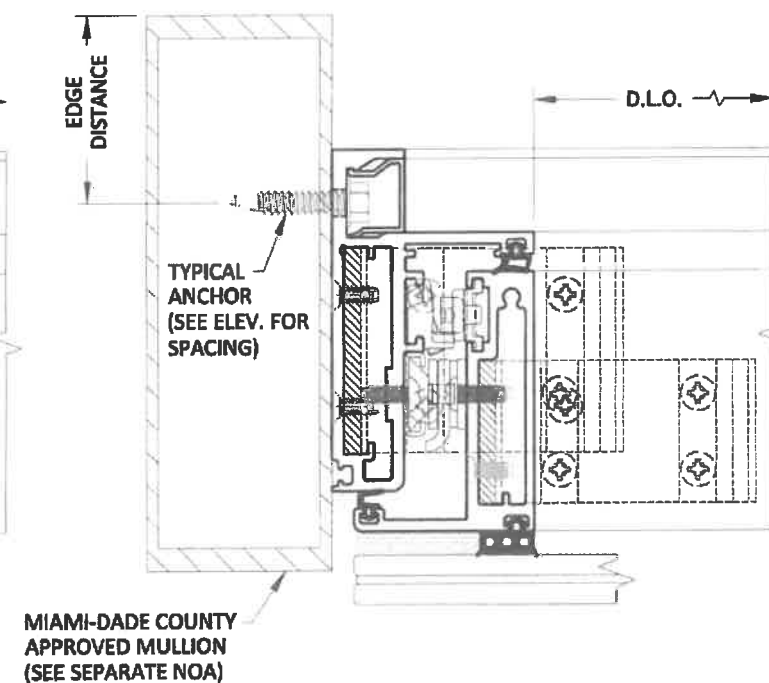




SECTION AT  
LOCKING BOLT/KEEPER  
(CORNER KEYS REMOVED)

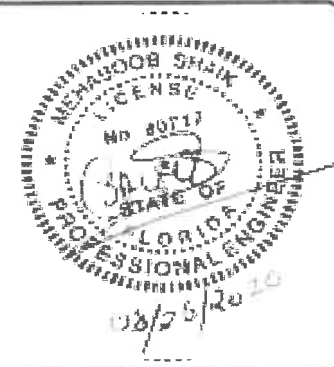


SECTION AT  
LOCKING PIECE/KEEPER  
(CORNER KEYS REMOVED)



WOOD BUCKS AND METAL STRUCTURES NOT BY RC HOME SHOWCASE, INC.  
MUST SUSTAIN LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFER  
THEM TO THE BUILDING STRUCTURE

**PRODUCT APPROVED**  
As complying with the Florida  
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Miami-Dade Product Control



16115 NW 52ND AVENUE  
MIAMI GARDENS, FL 33014  
TEL: (305) 392-6214  
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SERIES MHV ALUMINUM  
PROJECT OUT WINDOW (SMI)

HORIZONTAL INSTALLATION OPTIONS

DATE	REV.	DATE	BY	DESCRIPTION
04-03-19	1	11-01-19	-	REV. PER COMMENTS
SCALE: 1:2				
DRAWN: RP				
CHECKED: -				

DRAWING No.  
MHV-18

SHEET  
5 OF 7



BILL OF MATERIALS				
ITEM	PART No.	MATERIAL	DESCRIPTION	MANUFACTURER / REMARKS
1	MHV-01	ALUM. ALLOY 6005-T5	FRAME HEAD / SILL / JAMB	FISA
2	MHV-02	ALUM. ALLOY 6005-T5	VENT TOP / BOTTOM / SIDES	FISA
3	MHV-03	ALUM. ALLOY 6005-T5	CORNER KEY (FRAME)	FISA
3A	MHV-03	ALUM. ALLOY 6005-T5	CORNER KEY (VENT)	FISA
4	MHV-05	ALUM. ALLOY 6063-T6	SNAP IN SCREW COVER	FISA
5	MHV-06	ALUM. ALLOY 6063-T6	GLASS SETTING CHAIR, (2) AT BOTTOM VENT QUARTER POINTS	4-1/2" LONG
6	GL-008	SILICONE, BLACK	GLAZING GASKET (DUROM. 75±5%)	TREMCO
7	GL-006	TPV, BLACK	INTERIOR SEAL GASKET (DUROM. 55±5%)	MELPOINT PLASTICS
8	GL-007	TPV, BLACK	EXTERIOR SEAL GASKET (DUROM. 55±5%)	MELPOINT PLASTICS
9	SB-003	TPV, BLACK	SETTING BLOCK 1/4 x 1/2 x 4-1/2" LG. (DUROM. 85±5%)	AT QUARTER POINTS (VENT BOTTOM)
10	BF01-6509-077	STAINLESS STEEL	LEVER LOCK HANDLE (7 x 28mm SPINDLE)	INTERLOCK USA
11	SPT26	304 STAINLESS STEEL	FOUR-BAR FRICTION HINGE ASSY.	INTERLOCK USA
12	SOR300	304 STAINLESS STEEL	STAY-OPEN RESTRICTOR ASSY., 1 AT EACH JAMB (OPTIONAL)	INTERLOCK USA
13	PL0250-PA66	POLYAMIDE	DRIVE BAR (OPTIONAL)	IDh
13A	MHV-09	ALUMINUM	DRIVE BAR	-
14	CPB1	DIECAST	PULL IN BLOCKS, AT TOP WINDOW, 8" FROM EACH CORNER	INTERLOCK USA
15	ASD2	DIECAST	CAVITY VECTOR (IMPACT SNUBBER), AT TOP WINDOW MIDSPAN	INTERLOCK USA
16	-	ALUMINUM	.906 x 1.965 x .125" THK. PULL IN BLOCK SHIM (FRAME SIDE)	-
17	-	ALUMINUM	.688 x 3.750 x .100" THK. CAVITY VECTOR SHIM (FRAME SIDE)	-
18	-	ALUMINUM	.563 x 3.750 x .125" THK. CAVITY VECTOR SHIM (VENT SIDE)	-
19	SLT1506R	STAINLESS STEEL	GEAR BOX, (1) AT CENTER OF VENT BOTTOM RAIL	INTERLOCK USA
20	MMEU0020-100050	DIECAST	CORNER DRIVE W/RETAINER CLIP, (1) AT EACH VENT BOTTOM CORNER	INTERLOCK USA
21	717875	DIECAST	LOCKING BOLT MV TS PC1	INTERLOCK USA
22	859322	DIECAST	KEEPER (STRIKER) TS PC1	INTERLOCK USA
23	838396	DIECAST	KEEPER (STRIKER) E A0004 TS PC1	INTERLOCK USA
24	838402	DIECAST	LOCKING PIECE E TS PC1	INTERLOCK USA
25	S7280	DIECAST	CAM ADJUSTING DEVICE, AT HINGE BOTTOM END (OPTIONAL)	INTERLOCK USA
26	-	STAINLESS STEEL	#10-16 x 1/2" PHP. PH. MS. PULL IN BLOCK SCREW (VENT SIDE)	-
27	-	STAINLESS STEEL	#10-16 x 3/4" PHP. PH. MS. PULL IN BLOCK SCREW (FRAME SIDE)	-
28	-	STAINLESS STEEL	#10-24 x 1/2" PHP. FH. UC. TF. CORNER KEY/IMPACT SNUBBER SCREW	-
29	-	STAINLESS STEEL	M5 x 0.8 x 30 mm PHP. FH. MS. LOCK HANDLE TO GEAR BOX SCREW	-
30	-	STAINLESS STEEL	#10-24 x 1/2" PHP. PH. MS. HINGE/RESTRICTOR SCREW	-
31	-	STAINLESS STEEL	#10-24 x 3/4" PHP. FH. UC. TF. LOCKING PIECE E TS PC1 SCREW	-
32	-	ALUMINUM	2 x 2 x .063" THK. CHEVRON (FRAME ALIGNMENT), 1/CORNER (OPTIONAL)	-
33	SDR6	304 STAINLESS STEEL	KEY RELEASE DETACHABLE RESTRICTOR ASSY., 2 EA. (OPTIONAL)	INTERLOCK USA

### LOCK:

SURFACE MOUNT METALLIC LEVER TYPE HANDLE LOCK AND STAINLESS STEEL GEAR BOX, LOCATED AT CENTER OF VENT BOTTOM RAIL, FASTENED WITH (2) M5 x 0.8 x 30mm PHP. FH. MS.

SURFACE MOUNT METALLIC KEEPERS, EACH FASTENED WITH (2) #10-24 x 3/4" PHP. FH. UC. MS.  
(SEE CHARTS ON SHEET 2 OF 7 FOR REQUIREMENT)

SURFACE MOUNT METALLIC COMPRESSION KEEPERS, EACH FASTENED WITH (1) #8-32 x 3/8" SET SCREW.  
(SEE CHARTS ON SHEET 2 OF 7 FOR REQUIREMENT)

### PULL-IN BLOCKS & IMPACT SNUBBERS:

SURFACE MOUNT METALLIC PULL-IN BLOCKS AT FRAME HEAD & VENT TOP, LOCATED 8" FROM EACH END, FASTENED TO FRAME WITH (2) #10-16 x 3/4" PHP. PH. MS. AND TO THE VENT WITH (2) #10-16 x 1/2" PHP. PH. MS.

SURFACE MOUNT METALLIC CAVITY VECTOR (IMPACT SNUBBER), LOCATED AT FRAME HEAD & VENT TOP MIDSPAN, EACH FASTENED WITH (2) #10-24 x 1/2" PHP. FH. UC. MS.

### HINGES:

SURFACE MOUNT STAINLESS STEEL 4-BAR FRICTION HINGE BY 'SECURISTYLE', LOCATED AT LEFT AND RIGHT WINDOW UPPER CORNERS, FASTENED TO FRAME WITH (3) AND TO VENT WITH (4) #10-24 x 1/2" PHP. PH. MS.

### OPTIONAL HARDWARE:

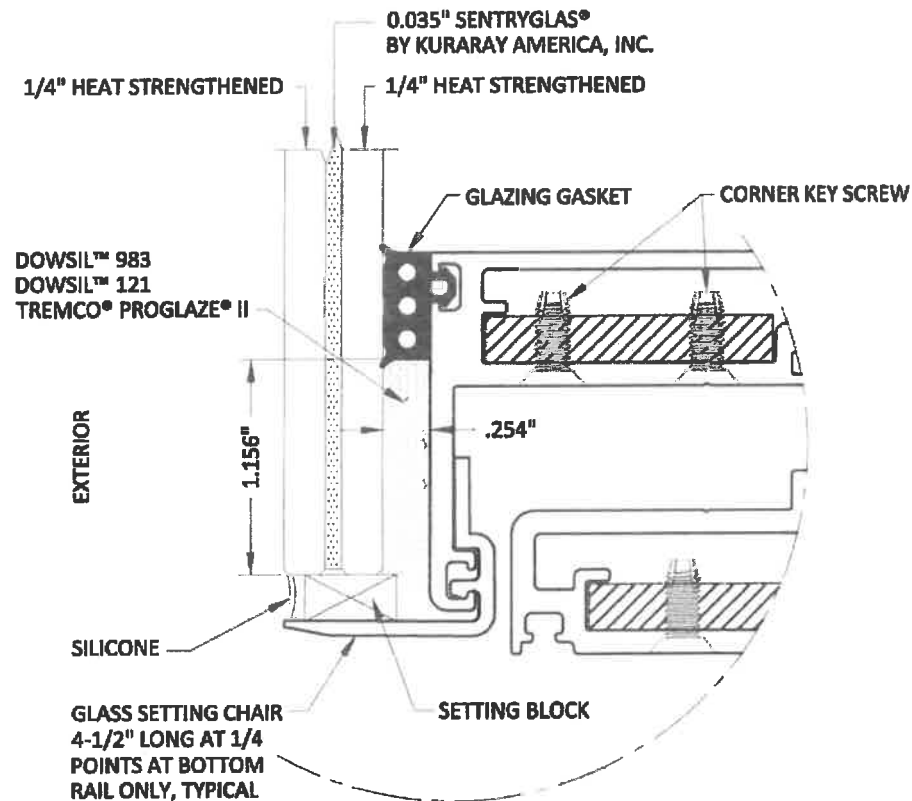
SURFACE MOUNT STAINLESS STEEL KEY-RELEASE DETACHABLE RESTRICTOR, LOCATED AT LEFT AND RIGHT JAMBS, FASTENED TO FRAME AND VENT WITH (2) #10-24 x 1/2" PHP. PH. MS.

SURFACE MOUNT STAINLESS STEEL STAY-OPEN RESTRICTOR, LOCATED AT LEFT AND RIGHT JAMBS, FASTENED TO FRAME WITH (4) AND TO VENT WITH (3) #10-24 x 1/2" PHP. PH. MS.

SURFACE MOUNT METALLIC CAM ADJUSTING DEVICE FOR VENT ALIGNMENT, LOCATED AT BOTTOM END OF EACH HINGE, SECURED TO FRAME USING THE SAME SCREW FASTENING THE HINGE TO FRAME.

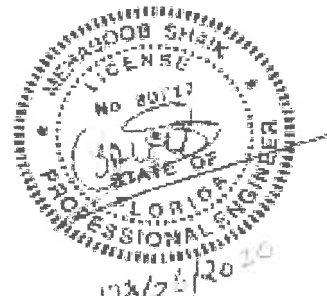
### SEALANTS:

ALL FRAME AND VENT CORNERS, CORNER KEY FASTENERS AND LOCK HANDLE SCREWS SEALED WITH DOWSIL™ 795

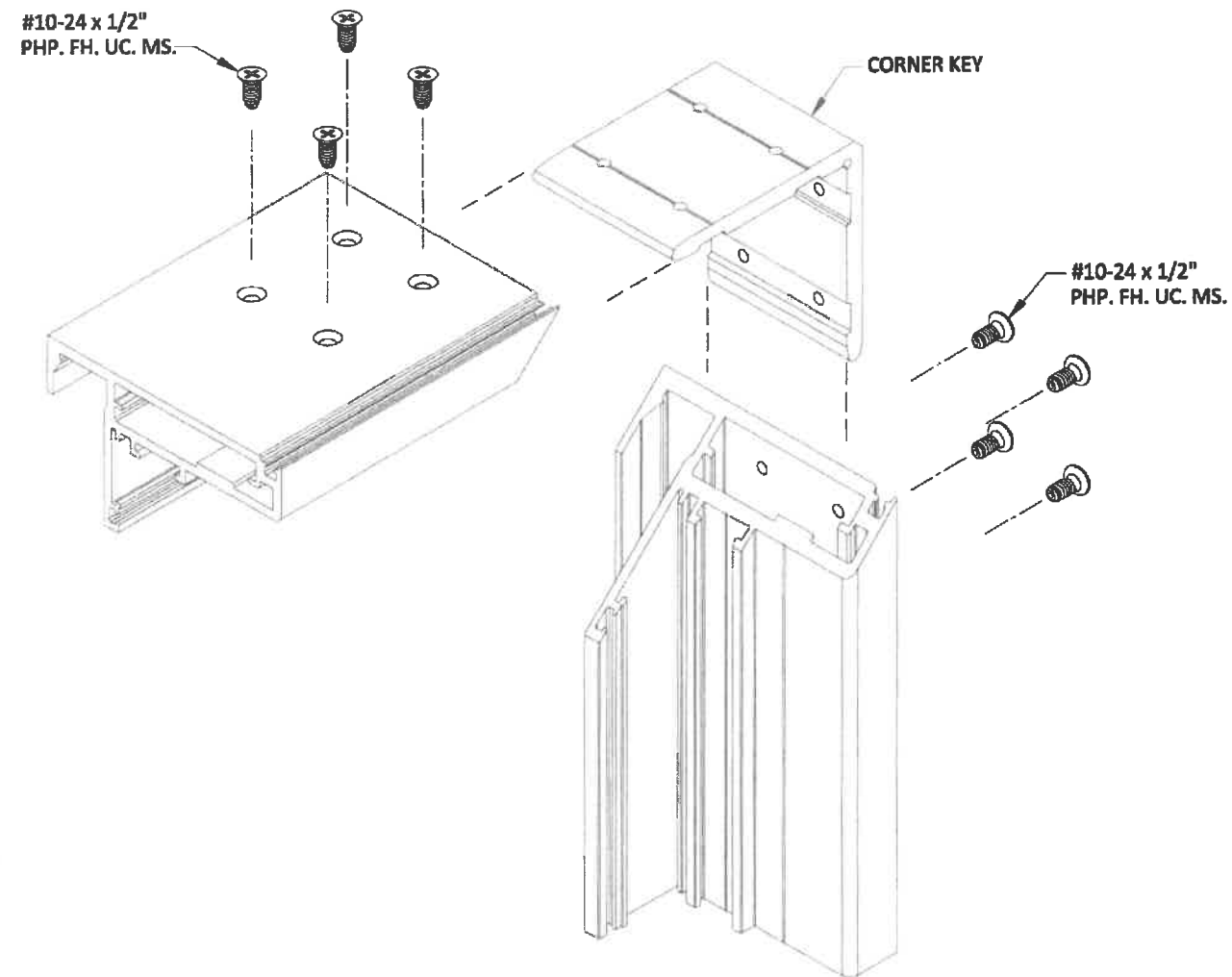


**GLAZING DETAIL**  
(VENT BOTTOM SHOWN)  
SCALE 1:1

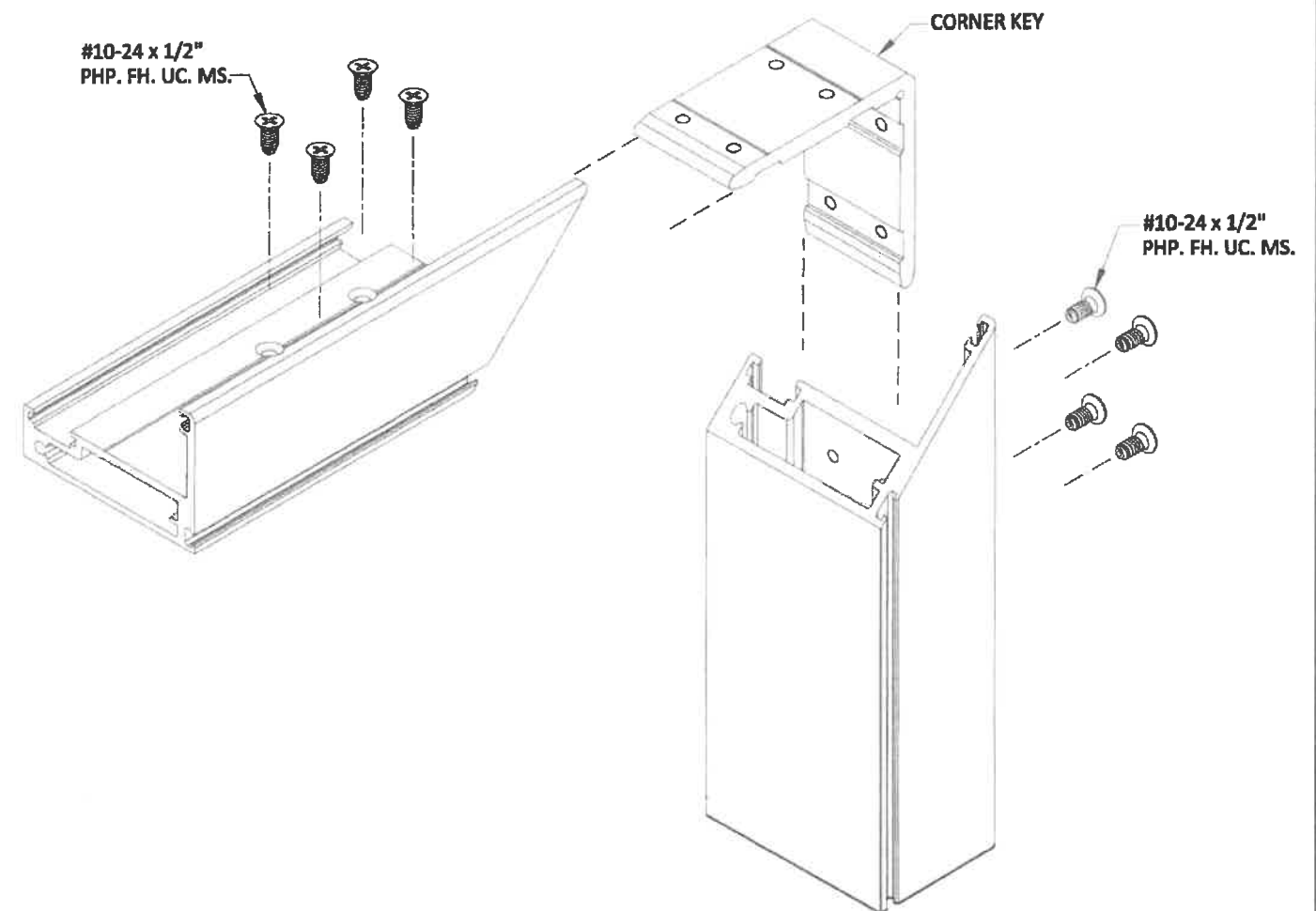
**PRODUCT APPROVED**  
As complying with the Florida  
Building Code  
NOA-No. 19-0711.01  
Approval Date: 09/24/20  
By: *Manuel Perez*  
Miami-Dade Product Control



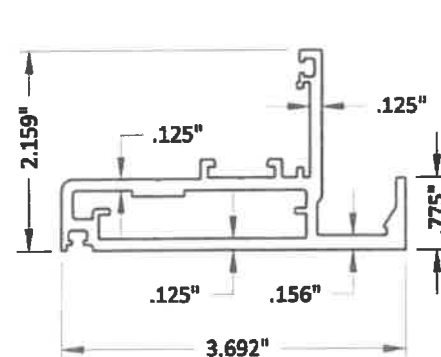
16115 NW 52ND AVENUE MIAMI GARDENS, FL 33014 TEL: (305) 392-6214 FAX: (305) 260-6432		<b>RC</b> HOME SHOWCASE ALUMINUM WINDOWS AND DOORS	
SERIES MHV ALUMINUM PROJECT OUT WINDOW (SMI)		BILL OF MATERIALS / GLAZING DETAIL	
DATE: 04-03-19	REV. 1	DESCRIPTION NO CHANGE THIS SHEET	
SCALE: AS NOTED	BY: -	DATE: 11-01-19	
DRAWN: RP	CHECKED: -		
DRAWING No.		MHV-18	
SHEET		6 OF 7	



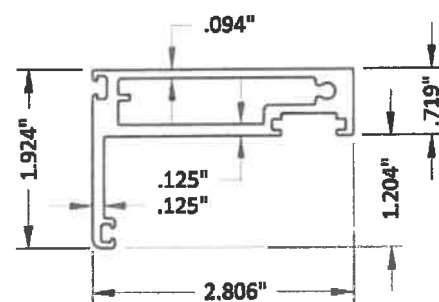
**FRAME CORNER ASSEMBLY**  
(TOP CORNER SHOWN VIEWED FROM EXTERIOR)



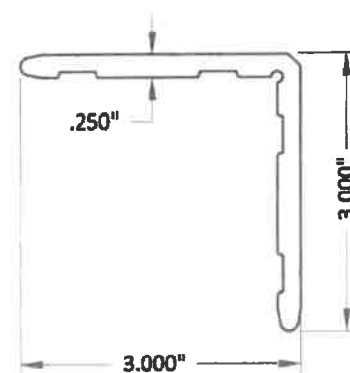
**VENT CORNER ASSEMBLY**  
(TOP CORNER SHOWN VIEWED FROM EXTERIOR)



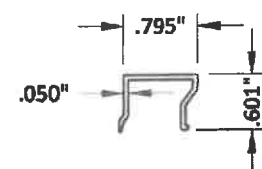
1 FRAME HEAD / SILL / JAMB  
(ALUM. ALLOY 6005-T5)



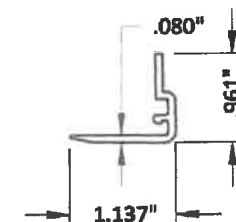
2 VENT TOP / BOTTOM / SIDE  
(ALUM. ALLOY 6005-T5)



3 FRAME / VENT CORNER KEY  
(ALUM. ALLOY 6005-T5)



4 SNAP IN SCREW COVER  
(ALUM. ALLOY 6063-T6)



5 GLASS SETTING CHAIR  
(ALUM. ALLOY 6063-T6)

**PRODUCT APPROVED**  
As complying with the Florida  
Building Code  
NOA-No. 19-0711.01  
Approval Date: 09/24/20  
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Miami-Dade Product Control



SERIES MHV ALUMINUM  
PROJECT OUT WINDOW (SMI)  
CORNER CONSTRUCTION / PROFILES

16115 NW 52ND AVENUE  
MIAMI GARDENS, FL 33014  
TEL: (305) 392-6214  
FAX: (305) 260-6432



DATE	REV.	BY	DESCRIPTION
04-03-19	1	11-01-19	NO CHANGE THIS SHEET
SCALE: 1:2			
DRAWN: RP			
CHECKED: -			

DRAWING No.  
MHV-18

SHEET  
7 OF 7