



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Medina Glass Block, Inc. dba Glass Block Supply Co.
1213 Medina Road
Medina, OH 44256

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: Clear Choice Hurricane Impact Glass Block Window with Vinyl Frame

APPROVAL DOCUMENT: Drawing No. **GBACCH**, titled "Clear Choice Hurricane Window System", sheets 1 through 4 of 4, dated 06/26/2018, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E., on 12/30/2022, 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 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 **renews and revises** NOA # **22-1004.02** and 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 **Carlos M. Utrera, P.E.**



01/25/24

NOA No. 23-1207.03
Expiration Date: February 28, 2029
Approval Date: February 1, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **GBACCH**, titled “Clear Choice Hurricane Window System”, sheets 1 through 4 of 4, dated 06/26/2018, prepared by Wolters Engineering, signed and sealed by Scott Wolters, 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) 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, TAS 202-94along with marked-up drawings and installation diagram of Clear Choice Hurricane Impact Glass Block Windows with Vinyl Frame, prepared by Intertek, Test Report No. **G9346.01-501.18**, dated 05/23/2017, with revision 1 dated 06/16/2017, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Wolters Engineering, Inc., dated 02/05/2018, signed and sealed by Scott Wolters, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Test report on smoke density test per ASTM D2843 on Global Vinyl, prepared by Intertek, Test Report No. **J2752.01-106.18 R0**, dated 01/31/2019, signed and sealed by Gary T. Hartman, P.E.
2. Test report on weathering test per AAMA 303-08 (ASTM D4726) on Global Vinyl, prepared by Associated Laboratories, Inc., Test Report No. **99971-C**, dated 03/03/2014, signed by John G. Smith.

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) of the FBC issued by Wolters Engineering, Inc., dated 02/05/2018, signed and sealed by Scott Wolters, P.E.
2. Statement letter of no financial interest issued by Wolters Engineering, Inc., dated 02/05/2018, signed and sealed by Scott Wolters, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1207.03
Expiration Date: February 28, 2029
Approval Date: February 1, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. Evidence submitted under NOA # 22-1004.02 and new**
 - A. DRAWINGS “Submitted under NOA # 22-1004.02”**
 1. Drawing No. **GBACCH**, titled “Clear Choice Hurricane Window System”, sheets 1 through 4 of 4, dated 06/26/2018, prepared by Wolters Engineering, signed and sealed by Scott Wolters, P.E. on 12/30/2022.
 - B. TESTS**
 1. None.
 - C. CALCULATIONS**
 1. None.
 - D. QUALITY ASSURANCE**
 1. Miami-Dade Department of Regulatory and Economic Resources (RER).
 - E. MATERIAL CERTIFICATIONS**
 1. None.
 - F. STATEMENTS**
 1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Wolters Engineering, Inc., dated 08/28/2023, signed and sealed by Scott Wolters, P.E.

“Submitted under NOA # 22-1004.02”
 2. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Wolters Engineering, Inc., dated 01/20/2021, signed and sealed by Scott Wolters, P.E.



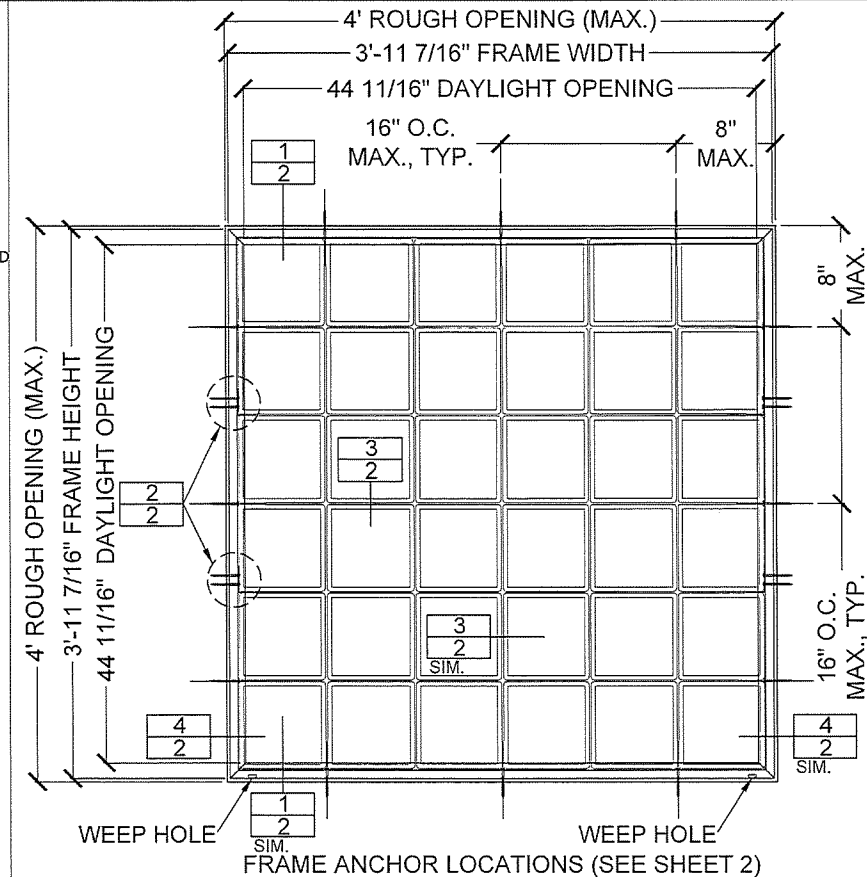
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Product Control Examiner
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CLEAR CHOICE SERIES FIXED WINDOW

GENERAL NOTES

- 1 - THIS WINDOW HAS BEEN DESIGNED AND TESTED TO TAS 201, 202 & 203 PROTOCOLS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
- 2 - THIS WINDOW AS SHOWN HEREIN IS LARGE AND SMALL MISSILE IMPACT RATED. SHUTTERS ARE NOT REQUIRED.
- 3 - WOOD OR MASONRY OPENINGS, 1x OR 2x WOOD BUCKS, AND BUCK FASTENERS ARE BY OTHERS, AND SHALL BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS IMPOSED BY THE GLAZING SYSTEM TO THE BUILDING STRUCTURE.
- 4 - ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 5 - ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICAL.
- 6 - DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH FBC REQUIREMENTS.
- 7 - A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
- 8 - SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN INSTALLATION ANCHOR REQUIREMENTS TABLE ON SHEET 2. CONCRETE OR MASONRY SUBSTRATES SHALL NOT BE CRACKED. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.
- 9 - CORNER CONSTRUCTION - THE PVC CHANNELS ARE MITERED AND THERMALLY WELDED AT ALL CORNERS.

DESIGN PRESSURE
+/- 80.2 PSF



ELEVATION VIEW

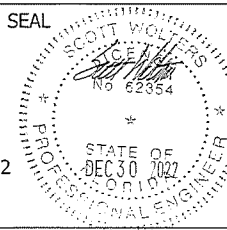
MIAMI-DADE SEAL

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1207.03
Expiration Date 02/28/2029
By *[Signature]*
Miami-Dade Product Control

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH./FAX (561)-225-1982

SEAL

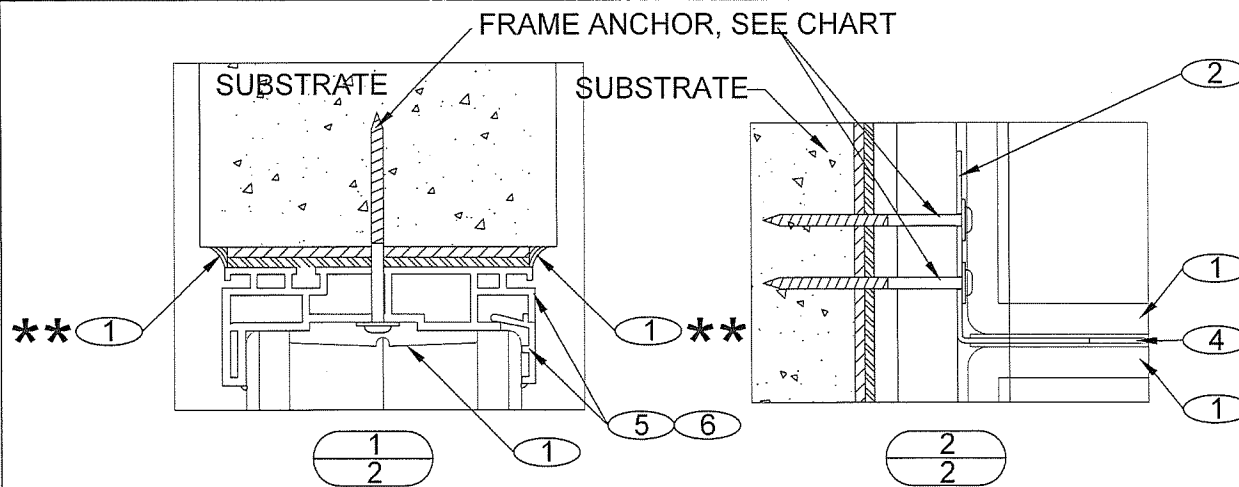


MEDINA GLASS BLOCK, INC. dba
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MEDINA, OHIO 44256

JOB:

CLEAR CHOICE HURRICANE WINDOW SYSTEM

DATE: 6-26-18	SHT.: 1 OF 4	REV.: D	SCALE: N.T.S.
DWN: R.BECAJ	CHK: S.BOESCH	DWG #: GBACCH-01	

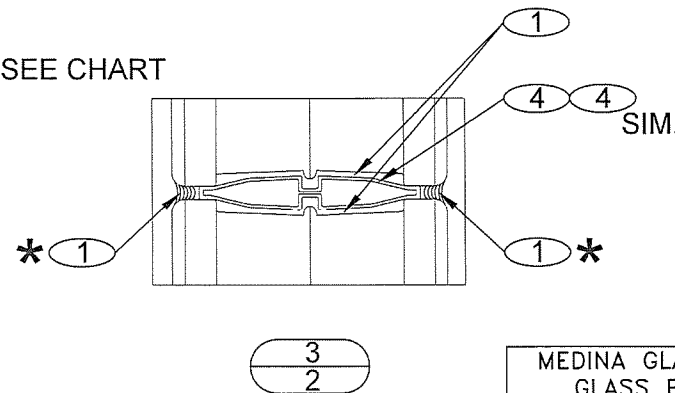
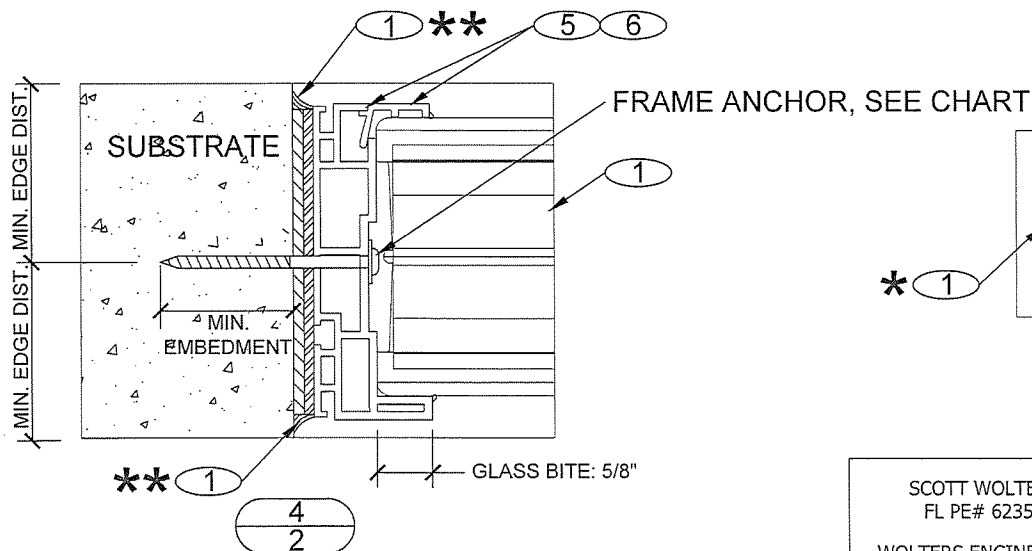


FRAME ANCHOR CHART				
ID	SUBSTRATE	ANCHOR	MINIMUM EMBEDMENT	MIN. EDGE DISTANCE
A	CONCRETE (3,000 PSI MIN.)	1/4" ITW TAPCON or ELCO ULTRACON	1 1/4"	2 1/2"
	GROUT FILLED CMU (ASTM-90)	1/4" ITW TAPCON or ELCO ULTRACON	1 3/4"	2 1/2"
B	2X4 MIN. SOUTHERN PINE (G=0.55 MIN.)	#10 WOOD SCREW (GR. 5 MIN.)	1 3/8"	1"
C	16 GAUGE (.060) MIN. STEEL STUD 33 KSI YIELD MIN.	#10 TEKS-TYPE THREAD CUTTING SCREW (GR.5 MIN.)	SEE NOTE 1	1/2"
	1/8" ALUM. 6063-T5 MIN. or 1/8" STEEL 33 KSI MIN.	#10 TEKS-TYPE THREAD CUTTING SCREW (GR.5 MIN.)	SEE NOTE 2	1/2"

FASTENER NOTES:

1 - FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 3/16" MIN. OF THREADS BEYOND.

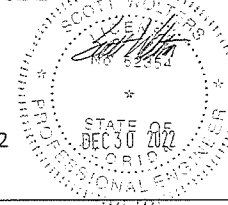
2 - METAL AND CONCRETE ANCHORS MAY BE INSTALLED THRU 1x WOOD BUCKS, PROVIDED THEY ARE ANCHORED SUFFICIENTLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE.



- * (1) 5/16" SILICONE JOINT
- ** (1) 5/16" SILICONE JOINT, 1/4" MAX. SHIM & EXPANSION, HEAD, SILL & JAMBS

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MIAMI-DADE SEAL

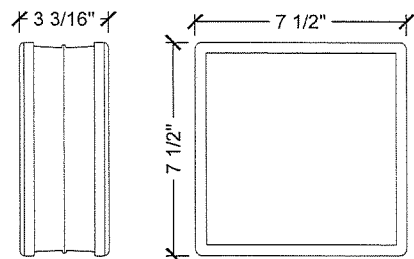
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By *[Signature]*
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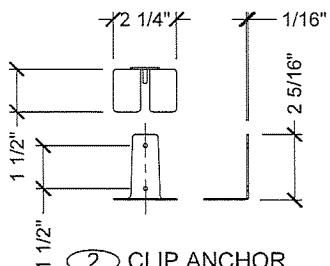
JOB:

CLEAR CHOICE HURRICANE WINDOW SYSTEM

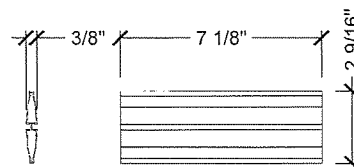
DATE: 6-21-18 SHT.: 2 OF 4 REV.: E SCALE: N.T.S.
DWN: R.BECAJ CHK: S.BOESCH DWG #: GBACCH-02



① SEVES 1919/8 BSH 20 GLASS BLOCK

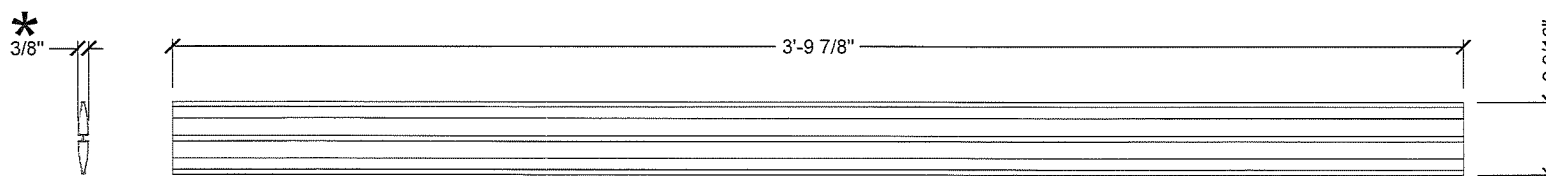


② CLIP ANCHOR

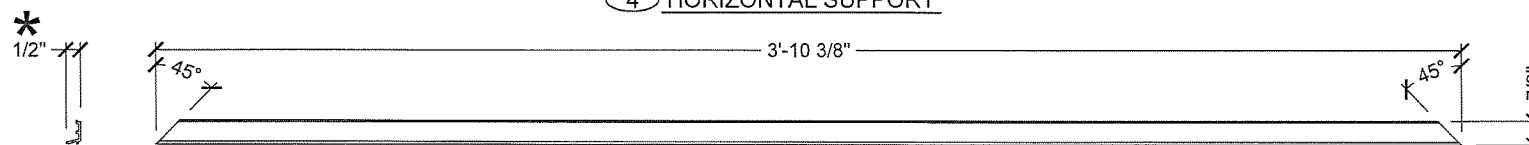


③ VERTICAL SUPPORT

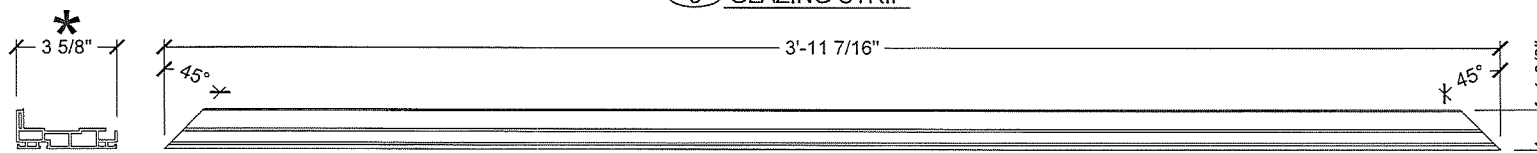
BILL OF MATERIALS			
P/N	DESCRIPTION	MATERIAL	MANUFACTURER
1	GLASS BLOCK UNIT	GLASS	SEVES
2	CLIP ANCHOR	STEEL	KWANTEX RESEARCH
3	VERTICAL SUPPORT	PVC	QUALITY GLASS BLOCK
4	HORIZONTAL SUPPORT	PVC	QUALITY GLASS BLOCK
5	GLAZING STRIP	PVC	GLOBAL VINYL
6	VINYL CHANNEL	PVC	GLOBAL VINYL
7	STRUCTURAL SILICONE	SILICONE	DOW CORNING



④ HORIZONTAL SUPPORT



⑤ GLAZING STRIP



⑥ VINYL CHANNEL
4 PCS., ASSEMBLED WITH WELDED SEAMS

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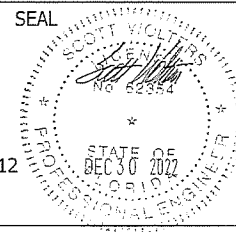
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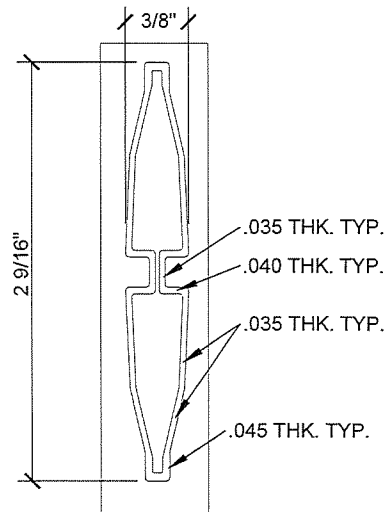
JOB:
CLEAR CHOICE HURRICANE WINDOW SYSTEM

DATE: 6-21-18 SHT.: 3 OF 4 REV.: D SCALE: N.T.S.
DWN: R.BECAJ CHK: S.BOESCH DWG #: GBACCH-03

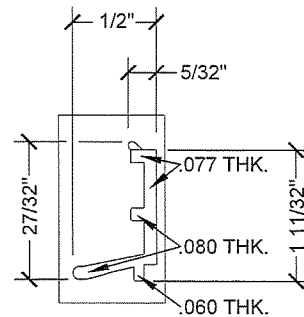
* FOR ENLARGED DETAILS, SEE SHEET 4.

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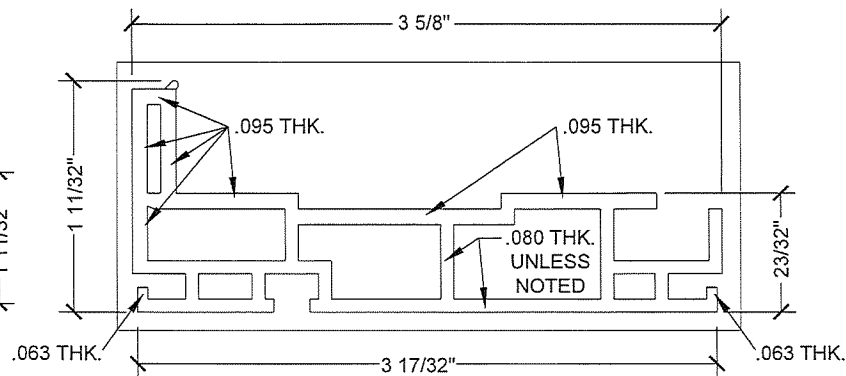




③ VERTICAL SUPPORT
④ HORIZONTAL SUPPORT
ENLARGED DETAIL



⑤ GLAZING STRIP
ENLARGED DETAIL



⑥ VINYL CHANNEL
ENLARGED DETAIL

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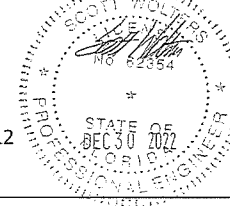
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DATE: 6-21-18	SHT.: 4 OF 4	REV.: A	SCALE: N.T.S.
DWN: R.BECAJ	CHK: S.BOESCH	DWG #: GBACCH-04	