



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)

GV Facades, LLC
2135 State Highway 6 South
Houston, TX 77077

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 “XT90” Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **XT90F-HZ**, titled “GV Facade XT90 Series Fixed Window”, sheets 1 through 6 of 6, dated 02/28/24, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, 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, 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.

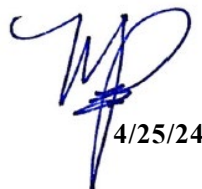
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 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.**




 4/25/24

NOA No. 24-0401.01
Expiration Date: April 25, 2029
Approval Date: April 25, 2024
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 24-0401.01)
2. Drawing No **XT90F-HZ**, titled "GV Facade XT90 Series Fixed Window", sheets 1 through 6 of 6, dated 02/28/24, prepared by Scott Wolters Engineering, Inc., 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) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Intertek, Test Report No. **220518007SHF-001-R1**, dated 03/14/23 and revised on 05/18/23, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC 8th Edition (2023)**, dated 03/26/24, prepared by Wolters Engineering, Inc. signed and sealed by Scott Wolters, 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. **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.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0401.01
Expiration Date: April 25, 2029
Approval Date: April 25, 2024

GV Facades, LLC


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated March 26, 2024, issued by Wolters Engineering, Inc. signed and sealed by Scott Wolters, P.E.
2. Statement letter of no financial interest, dated March 26, 2024, issued by Wolters Engineering, Inc. signed and sealed by Scott Wolters, P.E.
3. Distributor Agreement between GV Facades LLC, Guangdong, China and GV Facades LLC, Houston, Texas, USA, dated 10/20/22, signed by Kevin Zeng and Razzaq Quraishi, respectively

G. OTHERS

1. None.

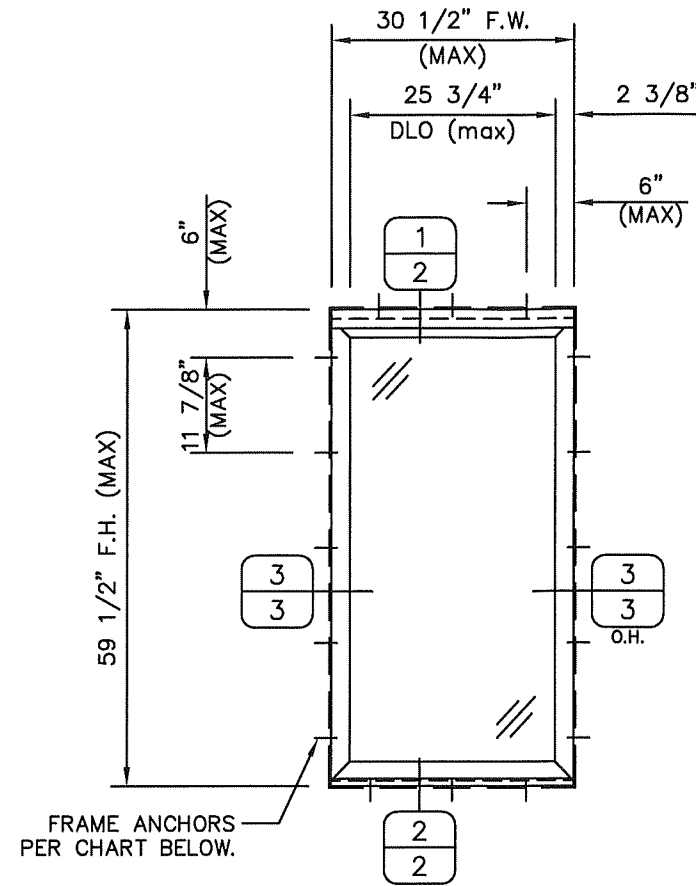


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0401.01
Expiration Date: April 25, 2029
Approval Date: April 25, 2024

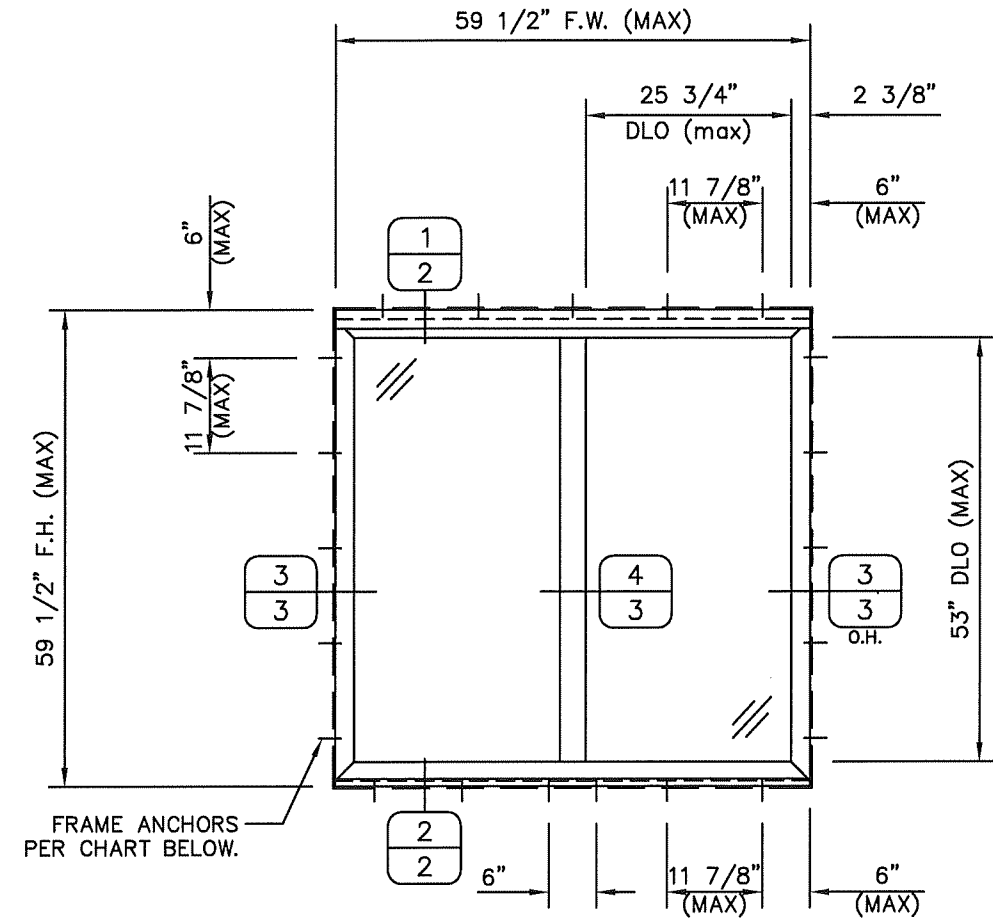
GV FACADE XT90 SERIES FIXED WINDOW

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, AND 203. IT MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
2. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT, SHUTTERS ARE NOT REQUIRED.
3. THE DESIGN PRESSURES LISTED ARE ALLOWABLE STRESS DESIGN (ASD) PRESSURES, AS LIMITED BY ASTM E-1300, TESTED PRESSURES, AND CALCULATED ANCHOR LIMITATIONS.
4. OPENING SUBSTRATES, WOOD BUCKS (OPTIONAL), AND WOOD BUCK FASTENERS ARE BY OTHERS AND MUST BE DESIGNED AND INSTALLED PER FBC REQUIREMENTS TO SAFELY TRANSFER THE LOADS FROM THIS SYSTEM TO THE BUILDING STRUCTURE. SUBSTRATES SHALL MEET THE MIN STRENGTH REQUIREMENTS LISTED IN THE ANCHOR CHART BELOW.
5. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS LISTED IN THE ANCHOR CHART BELOW, ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND ANY WALL DRESSING OR STUCCO.
6. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
7. NO INCREASES IN ALLOWABLE STRESS FOR SHORT-TERM LOADING HAVE BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE ANALYSIS OF WOOD SCREWS ONLY.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS PER FBC REQUIREMENTS.
9. CORNER CONSTRUCTION - SEE SHEET 6/6.



"O" ELEVATION
(EXTERIOR VIEW)



"O-O" ELEVATION
(EXTERIOR VIEW)

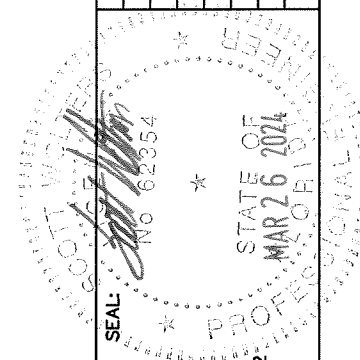
ANCHOR CHART			
SUBSTRATE	FASTENER TYPE	MINIMUM EMBEDMENT	MIN EDGE DISTANCE
WOOD (S.G. = 0.42 min)	#10 DIA. WOOD SCREWS (SAE Gr. 2 min)	1 1/2"	1"
METAL STUDS (16 Ga, Fut=45 ksi min)	#10 DIA. TEKS-TYPE THREAD FORMING SCREWS	FULL*	1"
CONCRETE (3150 ksi, MIN)	3/16" DIA. DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"
CMU BLOCK (ASTM C90, MIN) (JAMBS ONLY)	3/16" DIA. DEWALT ULTRACON CONCRETE SCREW	1 3/4"	2 1/2"

* METAL SCREWS MUST FULLY PENETRATE THE WALL OF THE METAL STUD, WITH THREE ADDITIONAL THREADS BEYOND.

DESIGN PRESSURE
+/- 60 PSF

PRODUCT APPROVED
As complying with the Florida Building Code
NOA-No. **24-0401.01**
Approval Date: **04/25/2024**
By: *Manuel Ferraz*
Miami-Dade Product Control

REV.#	DATE
1	2/28/24

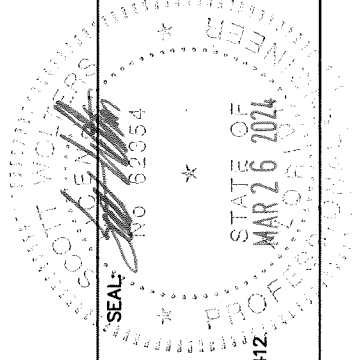
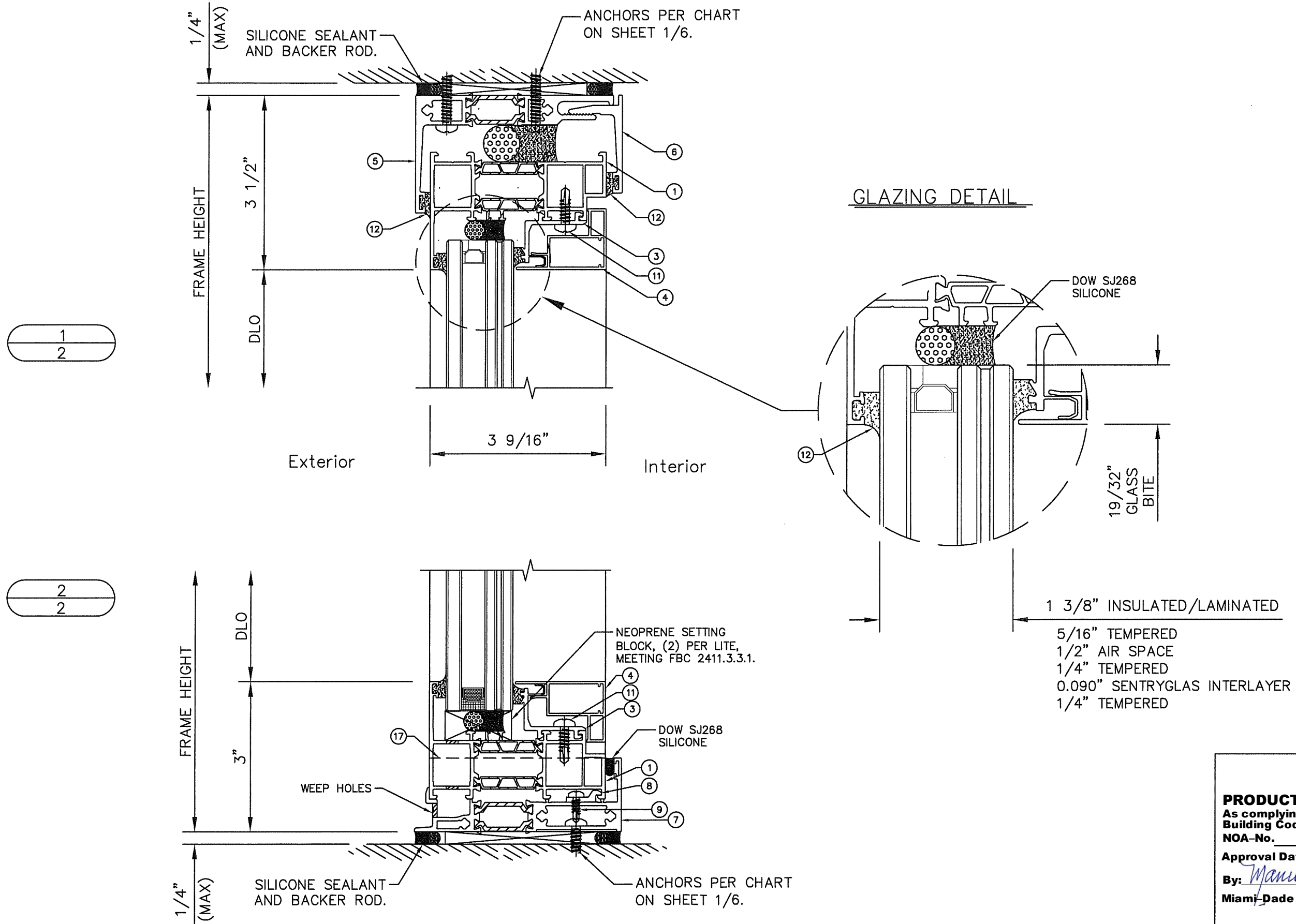


SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

GRANITI VICENTIA GROUP
PH: (713) 515-2116
info@granitivicentia.com
www.granitivicentia.com
GV FACADE, LLC
2135 HIGHWAY 6 SOUTH
HOUSTON, TX 77077

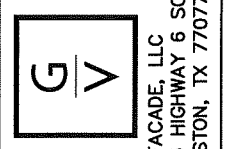
DWG: **XT90F-HZ**
SHEET: **1/6**

GV FACADE XT90 SERIES FIXED WINDOW



SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 (561) 225-1982

GRANITI VICENTIA GROUP
 PH: (713) 515-2116
 info@granitivicentia.com
 www.granitivicentia.com

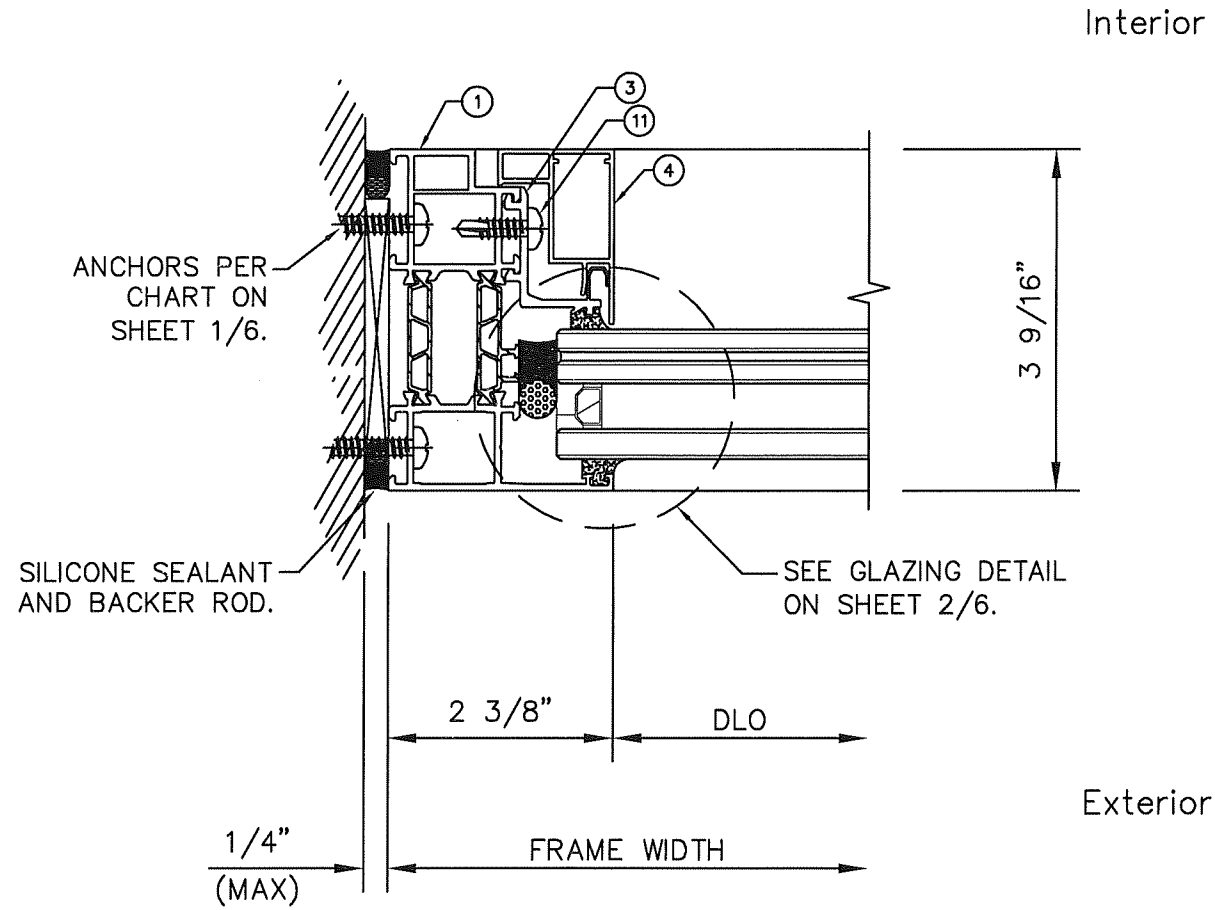


DWG: **XT90F-HZ**
 SHEET: **2/6**

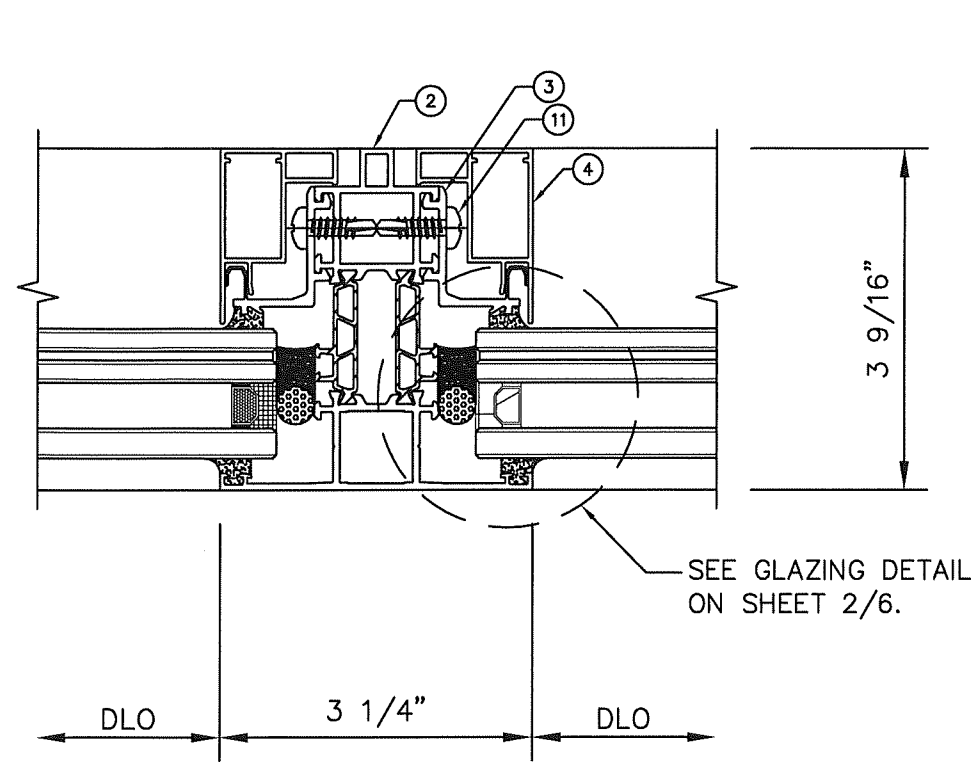
PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **24-0401.01**
 Approval Date: **04/25/2024**
 By: *Manuel Ferrer*
 Miami-Dade Product Control

REV.#	DATE
1	2/28/24
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

GV FACADE XT90 SERIES FIXED WINDOW

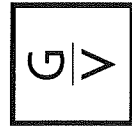


3
3



4
3

PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **24-0401.01**
 Approval Date: **04/25/2024**
 By: *Manuel Perez*
 Miami-Dade Product Control



GV FACADE, LLC
 2135 HIGHWAY 6 SOUTH
 HOUSTON, TX 77077

DWG: **XT90F-HZ**
 SHEET: **3/6**



SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 (561) 225-1982

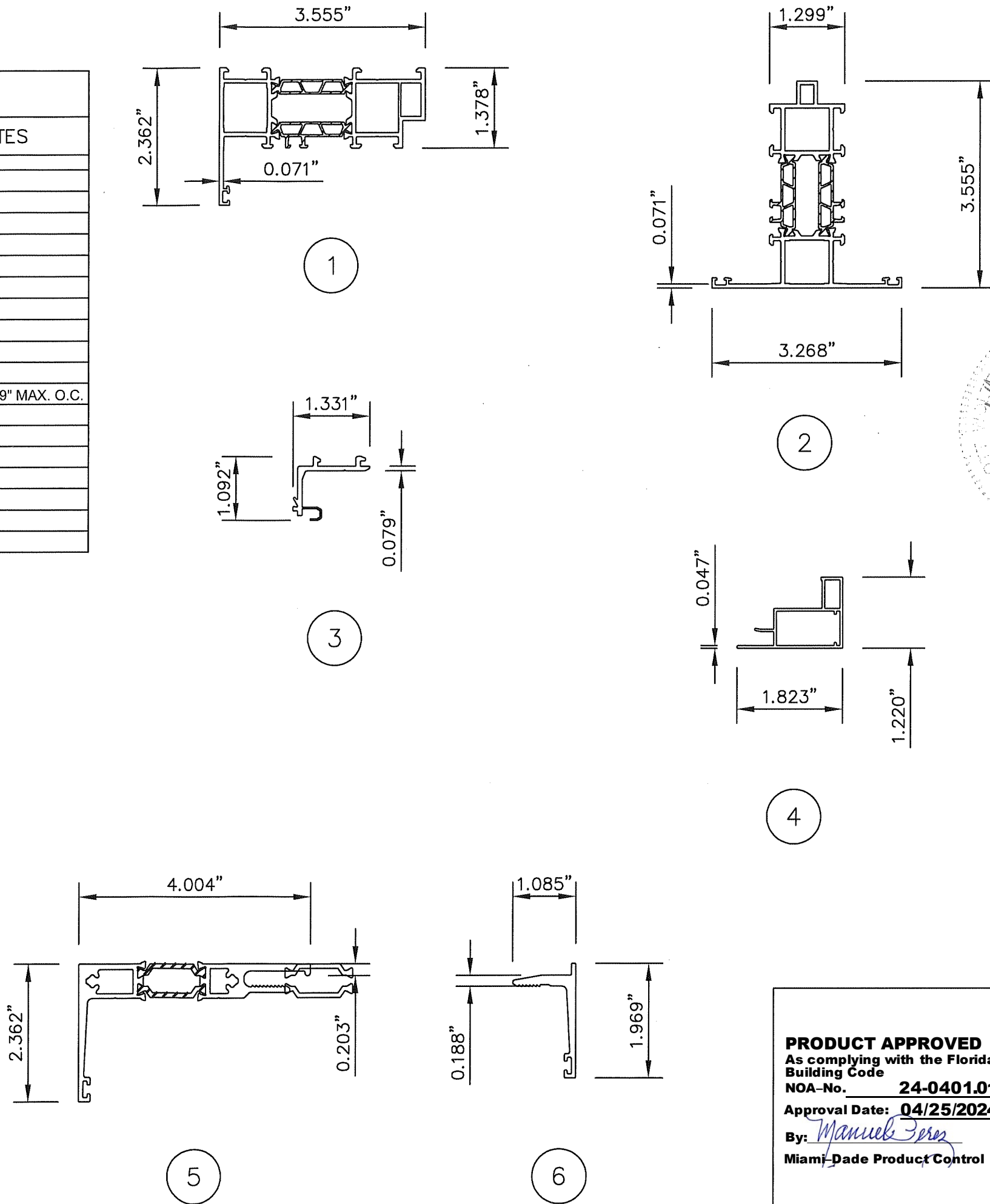
GRANITI VICENTIA GROUP
 PH: (713) 515-2116
 info@granitivicentia.com
 www.granitivicentia.com

REV.#	ISSUED FOR	DATE
1	1ST SUBMITTAL	2/28/24

GV FACADE XT90 SERIES FIXED WINDOW

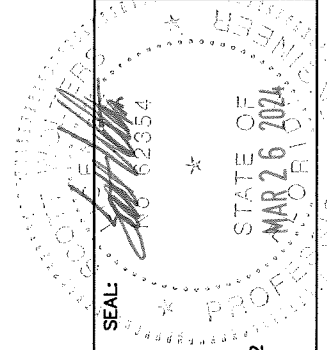
BILL OF MATERIALS

NO.	DESCRIPTION	MATERIAL	NOTES
01	FRAME HEAD/SILL/JAMB	6063-T5 ALUMINUM	
02	MULLION	6063-T5 ALUMINUM	
03	GLASS STOP	6063-T5 ALUMINUM	
04	COVER	6063-T5 ALUMINUM	
05	HEAD RECEPTOR	6063-T5 ALUMINUM	
06	RECEPTOR STOP	6063-T5 ALUMINUM	
07	SUB-SILL	6063-T5 ALUMINUM	
08	SUB-SILL STOP	6063-T5 ALUMINUM	
09	#8x1/2" PH TEKS SCREW	300 SERIES SS	
11	#10x5/8" PH TEKS SCREW	300 SERIES SS	3" FROM ENDS, 9" MAX. O.C.
12	GASKET	SILICONE	
13	CORNER KEY	6063-T5 ALUMINUM	
14	MULLION SHEAR BLOCK	6063-T5 ALUMINUM	
15	MULLION SHEAR BLOCK	6063-T5 ALUMINUM	
16	#12x1/2" PH MACHINE SCREW	STAINLESS STEEL	
17	SUB-SILL END DAM	ALUM BRAKE METAL	



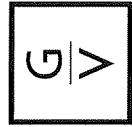
PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **24-0401.01**
 Approval Date: **04/25/2024**
 By: *Manuel Ferraz*
 Miami-Dade Product Control

REV.#	DATE	ISSUED FOR
1	2/28/24	PRINTS
2		SUBMITTAL



SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 (561) 225-1982

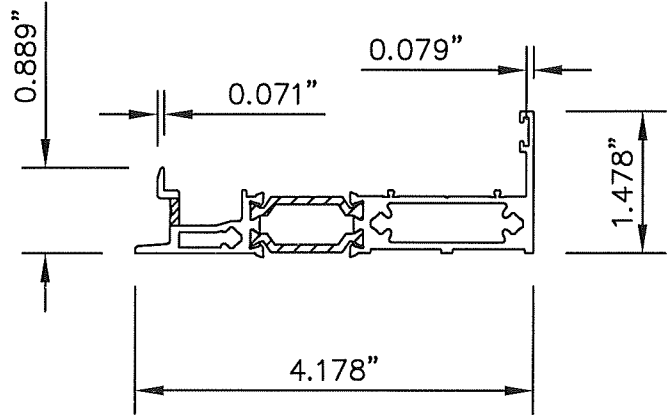
GRANITI VICENTIA GROUP
 PH: (713) 515-2116
 info@granitivicentia.com
 www.granitivicentia.com



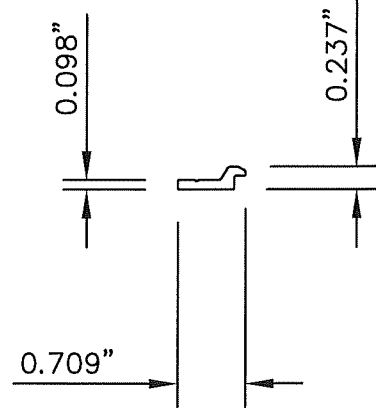
GV FACADE, LLC
 2135 HIGHWAY 6 SOUTH
 HOUSTON, TX 77077

DWG: **XT90F-HZ**
 SHEET: **4/6**

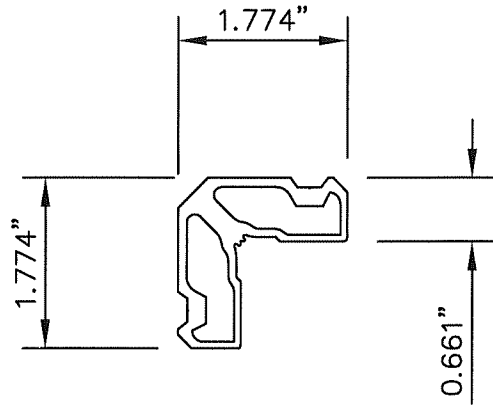
GV FACADE XT90 SERIES FIXED WINDOW



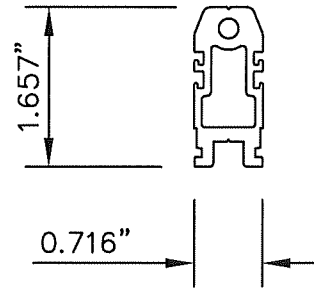
7



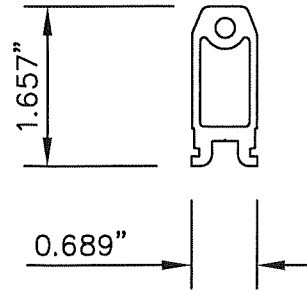
8



13

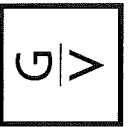


14



15

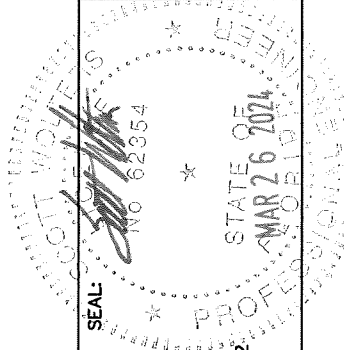
PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **24-0401.01**
 Approval Date: **04/25/2024**
 By: *Manuel Torres*
 Miami-Dade Product Control



GV FACADE, LLC
 2135 HIGHWAY 6 SOUTH
 HOUSTON, TX 77077

GRANITI VICENTIA GROUP
 PH: (713) 515-2116
 info@granitivicentia.com
 www.granitivicentia.com

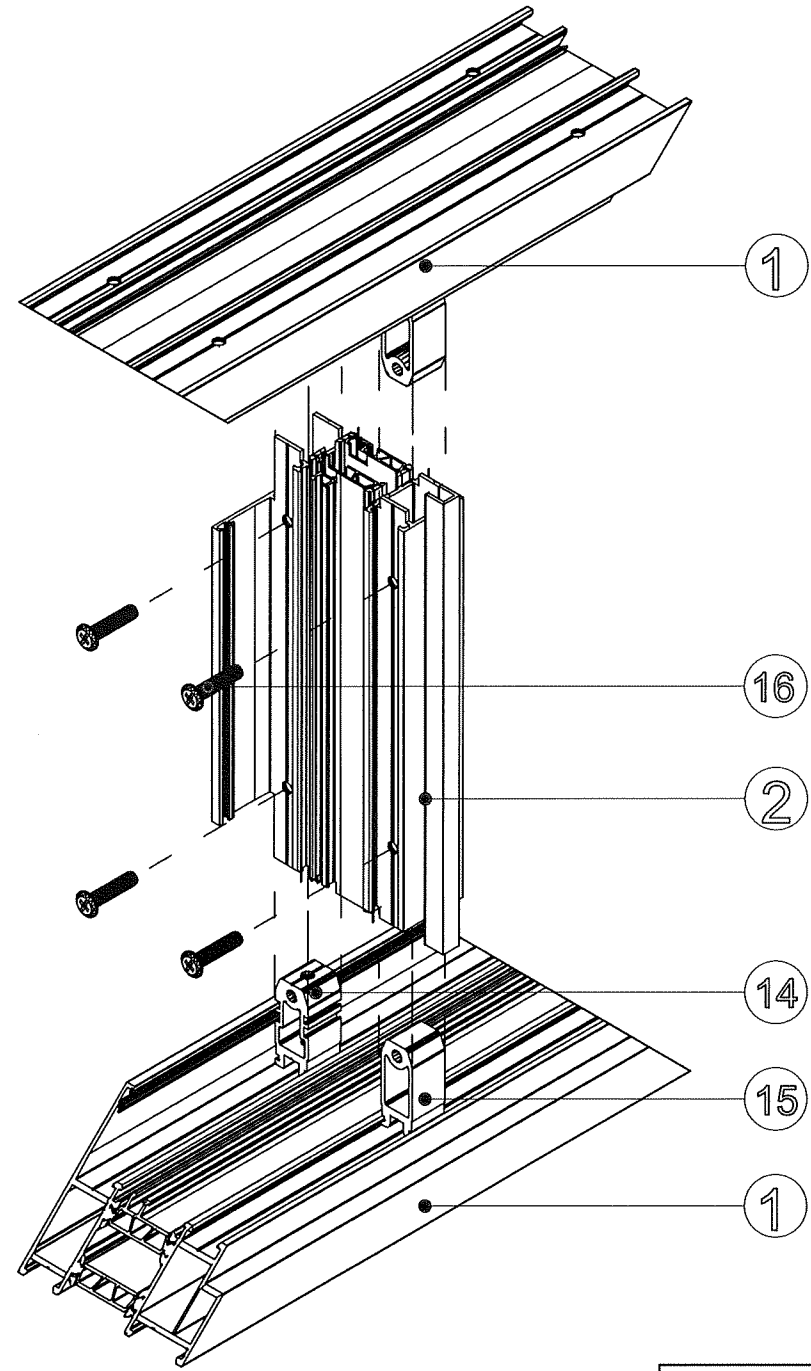
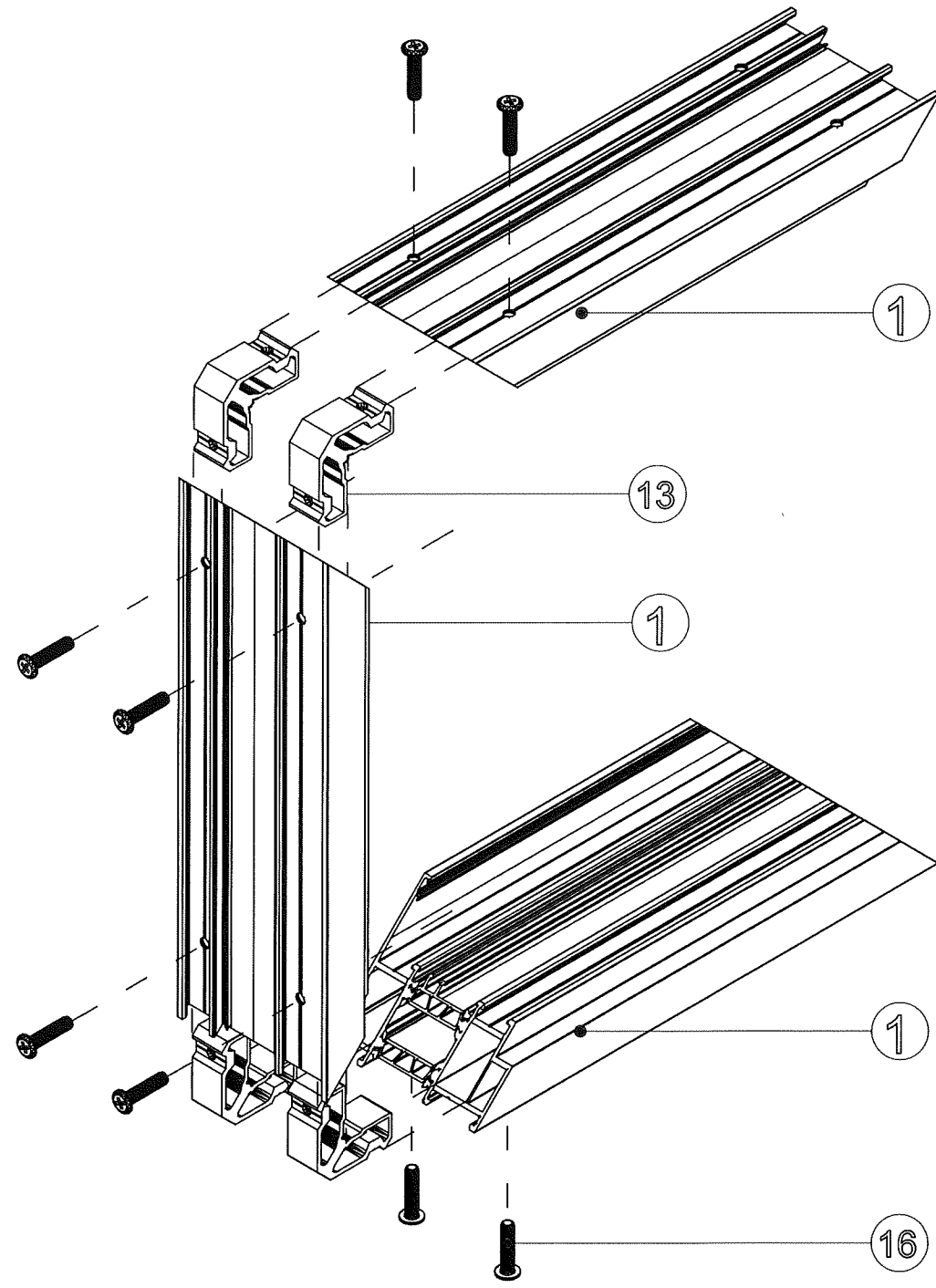
SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 (561) 225-1982



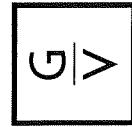
REV.#	ISSUED FOR	DATE
1	1ST SUBMITTAL	2/28/24

DWG: **XT90F-HZ**
 SHEET: **5/6**

GV FACADE XT90 SERIES FIXED WINDOW



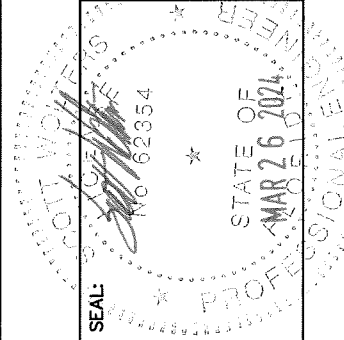
PRODUCT APPROVED
 As complying with the Florida
 Building Code
 NOA-No. 24-0401.01
 Approval Date: 04/25/2024
 By: *Manuel Torres*
 Miami-Dade Product Control



GV FACADE, LLC
 2135 HIGHWAY 6 SOUTH
 HOUSTON, TX 77077

GRANITI VICENTIA
 GROUP
 PH: (713) 515-2116
 info@granitivicentia.com
 www.granitivicentia.com

SEAL:
 SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING
 (COA# 27194)
 15211 97TH ROAD N
 WEST PALM BEACH, FL 33412
 (561) 225-1982



REV.#	ISSUED FOR	DATE
1	1ST SUBMITTAL	2/28/24

DWG: **XT90F-HZ**
 SHEET: **6/6**