



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, FL 33175
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Tecnoglass, LLC
3550 NW 49 Street
Miami, FL 33142

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 "PH 3200" Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-95 Rev H/G**, titled "Series PH3200 Alum. Sliding Glass Door (L.M.I.)", sheets 1, 1.1, 2 through 7, 7.1, 8, 9 of 9, dated 11/08/07 and last revised on FEB 03, 2026, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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.

Limitations:

- 1. See design pressure based on door sizes, anchor types, anchor clusters and shim space in sheets 3 and 3.1. See Door configurations on sheet 4.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo **Barranquilla, Colombia**, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION 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. **23-0901.03** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval documents mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



✱
2/11/26

NOA No. 24-0729.03
Expiration Date: September 06, 2029
Approval Date: February 19, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 08-0130.10)*
2. Drawing No **W07-95**, titled "Series PH 3200 Alum. Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, dated 11/08/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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 Resistance, per FBC, 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 an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5245**, dated 08/01/07, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under NOA No. 08-0130.10)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 12/05/07, signed and sealed by Humayoun Farooq, P.E.
2. Glazing complies with ASTM E1300-04/ 09

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass ® Plus**" dated 01/03/08, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance, dated December 05, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated November 26, 2007, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report No. **FTL-5245**, issued by Fenestration Testing Laboratory, Inc., dated August 30, 2007, signed and sealed by Carlos S. Rionda, P.E. *(Submitted under NOA No. 08-0130.10)*

G. OTHERS

1. None.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0729.03
Expiration Date: September 06, 2029
Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA # 18-0206.03

A. DRAWINGS

1. Drawing No **W07-95**, titled "Series PH 3200 Alum. Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated 11/08/07, with revision "D" dated 03/16/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2004**, prepared by Al-Farooq Corporation, dated 03/14/2018, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04/ 09

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 "**Kuraray SentryGlas® Interlayer**" expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance, complying with the **FBC 6th Edition (2014)**, and of no financial interest, dated 12/22/17, signed and sealed by Javad Ahmad, P. E.
2. Asset "Purchase Agreement" dated 11/19/2013, signed by Mr. Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc. and Mr. José M. Daes, for and on behalf of Tecnoglass, LLC.
3. "Bill of Sale" dated 06/19/14, signed by Mr. Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc.
4. Statement letter dated 07/15/14, issued by R.C. Aluminum Industries, Inc. of sales of assets and relinquishing of all rights of NOA No. **09-0604.19**, signed by Raul Casares, for and on behalf of R.C. Aluminum Industries, Inc.
5. Distributor Agreement between, E.S. Windows – Energia Solar S.A., Barranquilla, Colombia and Tecnoglass LLC, Miami, Florida, U.S.A., dated 02/07/17, signed by Carla Garcia and by Evelyn Daes, respectively.

G. OTHERS

1. Notice of Acceptance No. **09-0604.19**, issued to R. C. Aluminum Industries, Inc. for their Series "**PH3200**" **Aluminum Sliding Glass Door – L.M.I.**", approved on 08/12/09 and expiring on 09/25/13.
2. Verification Test will be required for next product approval renewal/ revision.



Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 24-0729.03

Expiration Date: September 06, 2029

Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **W07-95**, titled "Series PH 3200 Alum. Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated 11/08/07, with revision "F" dated 08/03/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

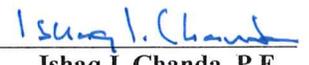
1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Interlayer**" dated 08/31/23, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with the **FBC 7th Edition (2020)** and **FBC 8th Edition (2023)**, and of no financial interest, dated 08/03/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P. E.
2. Letter from consultant Al-Farooq Corporation, on behalf of Tecnoglass, LLC, requesting a 1-year extension to allow time to perform verification test, dated 08/03/23, signed and sealed by Jalal Farooq, P.E.
3. Testing agreement letter dated 08/28/23 between QAI Laboratories and Tecnoglass, LLC, issued by QAI Laboratories and signed by Lusinda Delgado, Technical Report Writer.

G. OTHERS

1. Notice of Acceptance No. **20-1216.05**, issued to Tecnoglass, LLC for their Series "**PH3200**" **Aluminum Sliding Glass Door – L.M.I.**", approved on 04/01/2021 and expiring on 09/06/2023.
2. This is a one-year approval, subjected to successful verification test, the final approval will be issued for a total of 5 years.


Ishaq I. Chanda, P.E.

Product Control Unit Supervisor
NOA No. 24-0729.03
Expiration Date: September 06, 2029
Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W07-95 Rev H/G**, titled "Series PH 3200 Alum. Sliding Glass Door (L.M.I.)", sheets 1 through 9 of 9, dated 11/08/07 and last revised on FEB 03, 2026, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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 Resistance, per FBC, 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 an aluminum sliding glass door (OXXO), issued to ES Windows, prepared by Black Water Technical Service, Inc., Test Report No. **BT-ESW-23-051**, dated 06/26/24, signed and sealed by Michael D. Caldwell, P.E. (Note: This test report has addendum letter dated FEB 19, 2025, issued by Black Water Technical Service, signed and sealed by Michael D. Caldwell, P.E.)

This Test report by ES windows being authorized to be used for Tecnoglass for this NOA application, notarized letter issued on January 07, 2025, signed by Evelyn Daes, ES Window.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 2023 (9th Edition), prepared by Al-Farooq Corporation, dated 02/25/25 and 03/26/26, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with ASTM E1300-04/ 09.

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) Interlayer", expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated 02/25/2025, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P. E.
2. Statement notarized letter dated January 07, 2025, issued by ES Windows, LLC, authorizing their test report No. **BT-ESW-23-051** to be used by Tecnoglass, LLC for the PH 3200 SGD NOA application, signed by Evelyn Daes, ES Windows.


Ishaq I. Chanda, P.E.

Product Control Unit Supervisor
NOA No. 24-0729.03

Expiration Date: September 06, 2029

Approval Date: February 19, 2026

Tecnoglass, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):

3. Distributor Agreement between, E.S. Windows – Energia Solar S.A., Barranquilla, Colombia and Tecnoglass LLC, Miami, Florida, U.S.A., dated 02/07/17, signed by Carla Garcia and by Evelyn Daes, respectively (submitted under previous approval).
4. Distribution agreement dated May 21, 2025 between Energy Solar, SA and Tecnoglass, LLC, signed by Andrea Zambrano, General Counsel and Evelyn Daes, General Manager.

G. OTHERS

1. This NOA revises and renews NOA No. 23-0901.03, expiring SEP 06, 2029.
2. RER test proposal issued on DEC 26, 2023.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0729.03
Expiration Date: September 06, 2029
Approval Date: February 19, 2026

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**SERIES PH3200
ALUMINUM SLIDING GLASS DOOR (L.M.I.)**

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ON SHEET 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 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.

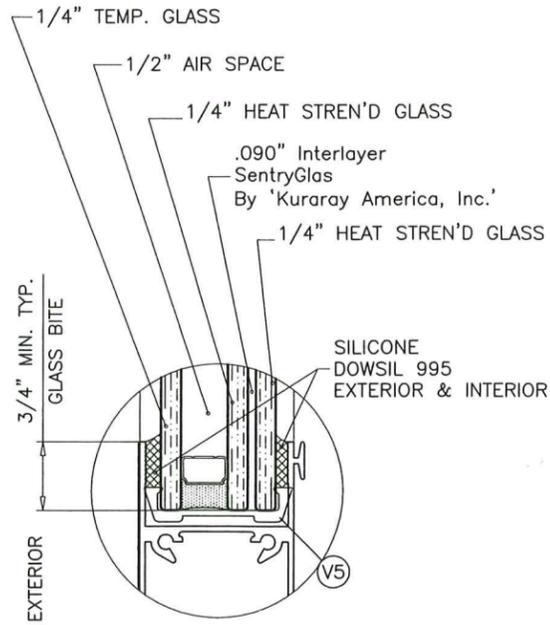
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT NOA 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)'.



GLAZING DETAIL

1-1/4" OVERALL INSUL. LAMINATED GLASS

1/2" AIR SPACE CONSISTING OF:
SPACER:
 'HELIMA' LOW PROFILE ALUMINUM SPACER BY 'LINGERMANN GMBH' AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
 SILICONE
 DOWSIL 791
 GE 2000

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No **24-0729-03**
 Expiration Date **9/6/2029**
 By *Shrey I. Chandra*
 Miami Dade Product Control

**INSULATING LAMINATED GLASS
LARGE MISSILE IMPACT**

FEB 03 2026



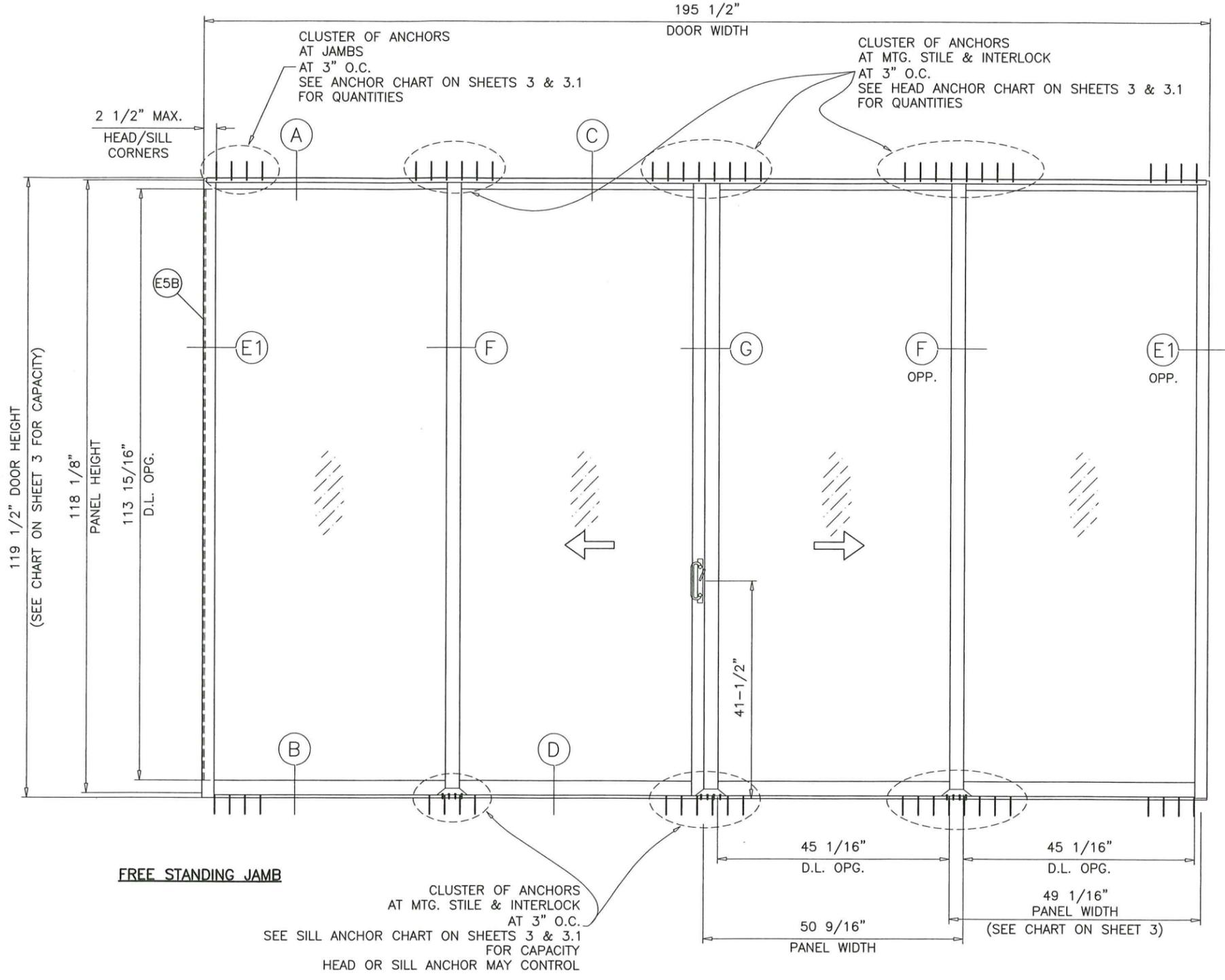
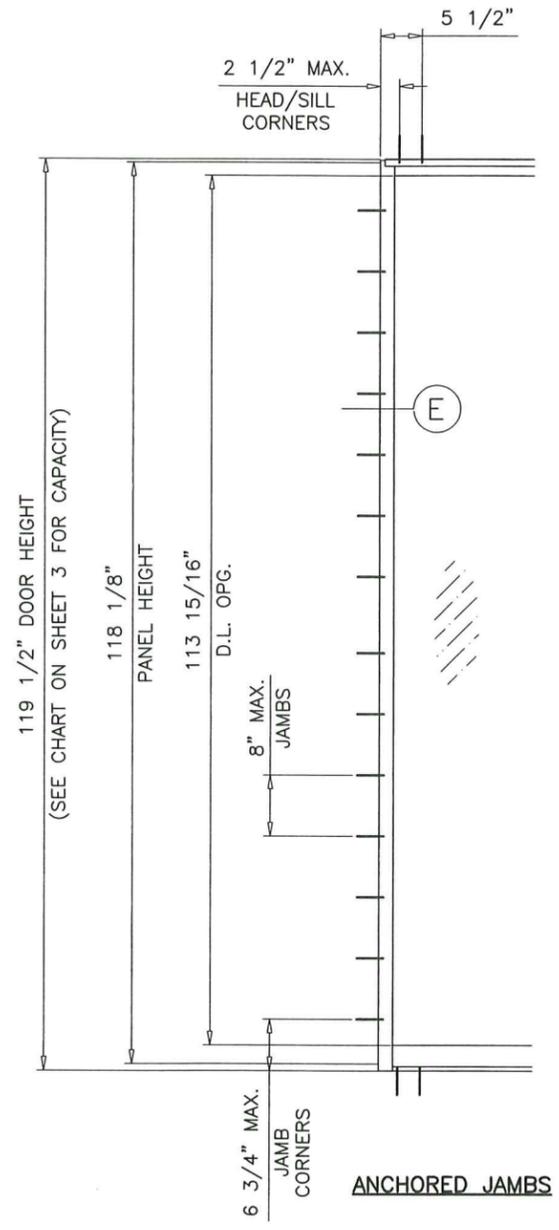
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
E	11.12.20	UPDATED TO 2020 FBC
F	08.03.23	UPDATED TO 2023 FBC
G	07.18.24	GENERAL REVISION
H	01.22.25	NO CHANGE THIS SHEET

date: 11-08-07
 scale: 1/2"=1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
W07-95
 sheet 1 of 9



DAYLITE OPENINGS:
 D.L.O. HEIGHT = PANEL HEIGHT - 4.188"
 D.L.O. WIDTH (FIX. PANEL) = PANEL WIDTH - 5.875"
 D.L.O. WIDTH (OPER. PANEL) = PANEL WIDTH - 5.500"

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 24-0729.03
 Expiration Date 9/06/2029
 By *Ishtiaq I. Chaudhry*
 Miami Dade Product Control

FEB 03 2026



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
G	07.18.24	GENERAL REVISION
H	01.22.25	REV. PER RER COMMENTS

date: 11-08-07
 scale: 1/2" = 1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
W07-95
 sheet 1.1 of 9

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	PH3400-001	1/ PANEL	INTERLOCK STILE INSIDE	6005-T5	-
E2	PH3400-002	1	LOCK STILE	6063-T6	-
E3	PH3400-003	1	MEETING STILE	6005-T5	-
E4	PH3400-004	1/ FIX. PANEL	JAMB STILE	6063-T6	-
E5	PH3400-005	2	FRAME JAMB (ANCHORED)	6063-T6	-
E5A	PH3400-025	2	FRAME JAMB (FREE STANDING)	6063-T6	-
E5B	PH3400-026	2	FREE STANDING JAMB REINFORCING	6063-T6	-
E6	PH3400-006	1	FRAME HEAD	6005-T5	-
E7	PH3400-007	1	SILL TRACK	6005-T5	-
E8	PH3400-008	1	SILL THRESHOLD	6063-T6	-
E9	PH3400-009	1	HEAD CLOSURE ADAPTOR	6063-T6	-
E10	PH3400-010	1/ MOV. PANEL	MOVING OUTSIDE TOP RAIL	6063-T6	-
E11	PH3400-024	1/ MOV. PANEL	MOVING OUTSIDE BOTTOM RAIL	6005-T5	-
E12	PH3400-012	1/ FIX. PANEL	FIXED INSIDE TOP RAIL	6063-T6	-
E13	PH3400-013	1/ FIX. PANEL	FIXED INSIDE BOTTOM RAIL	6063-T6	-
E14	2400ST-031	AS REQD.	SILL TRACK PLATE, 5" LONG AT ENDS, 10" LONG AT STILE LOCATIONS	6061-T6	-
E15	2400ST-040	AS REQD.	SCREEN TRACK INSIDE	-	-
E16	2400ST-056	AS REQD.	SCREEN VERTICAL JAMB	-	-
E17	2400ST-057	AS REQD.	SCREEN TOP & BOTTOM RAIL	-	-
S1		2/ CORNER	#14 X 1" PH SMS TYPE "B" ST/ST	-	FRAME ASSY SCREWS
S2		2/ CORNER	#10 X 1" PH SMS TYPE "B" ST/ST	-	PANEL ASSY SCREWS
S3		AS REQD.	#10 X 3/4" PH.SMS. ST/ST	-	-
S5		4/ CLIP	1/4-20 X 3/4" LG. SOGKET HEAD CAP SCREW	ST/ST	-
V1	V-019 S	1/ MOV. PANEL	DRIP SILL VINYL	SILICONE	DUROMETER 65±5 SHORE A
V2	2400ST-G01 S	AS REQD.	BULB VINYL	SILICONE	DUROMETER 65±5 SHORE A
V3	DM-12-G01 S	AS REQD.	BULB VINYL	SILICONE	DUROMETER 60±5 SHORE A
V5	V-073B S	AS REQD.	MARINE GLAZING FOR LAM/INS. GLASS LMI	VINYL	DUROMETER 75±5 SHORE A
M1	U52	-	Q-LON 250T270 @ HEAD ADAPTOR & SILL THRESHOLD	-	-
M2	W21225NK	AS REQD.	PILE WITH PLASTIC FIN W'STRIPPING	-	-
M3	P-047	AS REQD.	PANEL BUMPER	SILICONE	-
M4	DOWSIL 995	-	BLACK SILICONE (LMI)	-	-
M5	CCES-1003	-	ROLLER TRACK COVER	ST/ST	-
M6	2400ST-067A PS01-5001-XXX	-	SILL ANCHOR TRACK	6005-T5	6" LONG
H1	PS01-0036-XXX PS01-1020-XXX	-	2 POINT MORTISE LOCK KIT	ST STEEL	INTERLOCK, ASSA ABLOY
H2	GT-R34/3-01-HK-A	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	DUAL ROLLERS
H2A	GTT-26/15-02-HK-A	2/ MOV. PANEL	WHITE ACETAL ROLLERS	-	PABOSA

SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALANT.

LOCK:

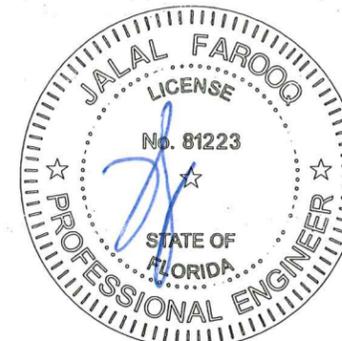
SURFACE MOUNT SLIDE HANDLE DIE CAST ZINC (PS01-0256-000)
AT 42" FROM BOTTOM
FASTENED TO LOCK STILE WITH
(2) #8 X 2-1/4" OH MACHINE SCREWS

SURFACE MOUNT ST. STEEL 3 PLY DUAL HOOK MORTISE LOCK (PS01-0036-00B)
42" FROM BOTTOM
FASTENED TO LOCK STILE WITH
(2) #6 X 1/2" FH SMS

SURFACE MOUNT ST. STEEL KEEPER (PS01-0060-00B)
AT 42" FROM BOTTOM
FASTENED TO FRAME JAMB AND ASTRAGAL STILE WITH
(2) #10 X 3/4" PH SMS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-0729-03
Expiration Date 9/6/2029
By Ishay L. Chandra
Miami Date: Product Control

FEB 03 2026



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
E	11.12.20	UPDATED TO 2020 FBC
F	08.03.23	NO CHANGE THIS SHEET
G	07.18.24	GENERAL REVISION
H	01.22.25	REV. PER REF COMMENTS

date: 11-08-07
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W07-95

sheet 2 of 9

COMP-ANL\W07-95RC

DESIGN LOAD CAPACITY - PSF (HEAD ANCHORS)											
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	1/2" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/4" MAX. SHIM SPACE			
		ANCHORS 'A' & 'B'			ANCHORS 'C'			ANCHORS 'B'		ANCHORS 'C'	
		3 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	5 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	5 ANCHORS AT JAMBS	2 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	2 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS
		6 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	10 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	10 ANCHORS STILE ENDS	4 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	4 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS
			EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	80		118.8	120.0	120.0	111.8	120.0	120.0	120.0	120.0	120.0
42			101.8	120.0	120.0	95.8	120.0	120.0	120.0	120.0	120.0
48			89.1	118.8	120.0	83.8	111.8	120.0	110.1	120.0	117.3
54			79.2	105.6	106.7	74.5	99.4	106.7	97.9	106.7	104.3
60			71.3	95.0	96.0	67.1	89.4	96.0	88.1	96.0	93.8
36	84		113.1	120.0	120.0	106.5	120.0	120.0	120.0	120.0	120.0
42			97.0	120.0	120.0	91.2	120.0	120.0	119.8	120.0	120.0
48			84.9	113.1	120.0	79.8	106.5	120.0	104.9	120.0	111.7
54			75.4	100.6	106.7	71.0	94.6	106.7	93.2	106.7	99.3
60			67.9	90.5	96.0	63.9	85.2	96.0	83.9	96.0	89.4
36	90		105.6	120.0	120.0	99.4	120.0	120.0	120.0	120.0	120.0
42			90.5	120.0	120.0	85.2	113.6	120.0	111.8	120.0	119.2
48			79.2	105.6	120.0	74.5	99.4	120.0	97.9	120.0	104.3
54			70.4	93.9	106.7	66.2	88.3	106.7	87.0	106.7	92.7
60			63.4	84.5	96.0	59.6	79.5	96.0	78.3	96.0	83.4
36	96		99.0	120.0	120.0	93.2	120.0	120.0	120.0	120.0	120.0
42			84.9	113.1	120.0	79.8	106.5	120.0	104.9	120.0	111.7
48			74.3	99.0	120.0	69.9	93.2	116.4	91.8	120.0	97.8
54			66.0	88.0	106.7	62.1	82.8	103.5	81.6	106.7	86.9
36	102		93.2	120.0	120.0	87.7	116.9	120.0	115.1	120.0	120.0
42			79.9	106.5	120.0	75.1	100.2	120.0	98.7	120.0	105.1
48			69.9	93.2	116.5	65.8	87.7	109.6	86.4	120.0	92.0
54			62.1	82.8	103.5	58.4	77.9	97.4	76.8	106.7	81.8
36	108		88.0	117.3	120.0	82.8	110.4	120.0	108.7	120.0	115.9
42			75.4	100.6	120.0	71.0	94.6	118.3	93.2	120.0	99.3
48			66.0	88.0	110.0	62.1	82.8	103.5	81.6	120.0	86.9
36	114		83.4	111.2	120.0	78.4	104.6	120.0	103.0	120.0	109.8
42			71.5	95.3	119.1	67.2	89.6	112.1	88.3	120.0	94.1
48			62.5	83.4	104.2	58.8	78.4	98.1	77.3	120.0	82.3
36	119		79.9	106.5	120.0	75.1	100.2	120.0	98.7	120.0	105.1
42			68.5	91.3	114.1	64.4	85.9	107.4	84.6	120.0	90.1
48			59.9	79.9	99.8	56.4	75.1	93.9	74.0	120.0	78.9

DESIGN LOAD CAPACITY - PSF SILL ANCHORS (TYPE A)					
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	2 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	
		4 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
36	80		120.0	120.0	120.0
42			120.0	120.0	120.0
48			110.1	120.0	120.0
54			97.9	106.7	106.7
60			88.1	96.0	96.0
36	84		120.0	120.0	120.0
42			119.8	120.0	120.0
48			104.9	120.0	120.0
54			93.2	106.7	106.7
60			83.9	96.0	96.0
36	90		120.0	120.0	120.0
42			111.8	120.0	120.0
48			97.9	120.0	120.0
54			87.0	106.7	106.7
60			78.3	96.0	96.0
36	96		120.0	120.0	120.0
42			104.9	120.0	120.0
48			91.8	120.0	120.0
54			81.6	106.7	106.7
36	102		115.1	120.0	120.0
42			98.7	120.0	120.0
48			86.4	120.0	120.0
54			76.8	106.7	106.7
36	108		108.7	120.0	120.0
42			93.2	120.0	120.0
48			81.6	120.0	120.0
36	114		103.0	120.0	120.0
42			88.3	120.0	120.0
48			77.3	115.9	120.0
36	119		98.7	120.0	120.0
42			84.6	120.0	120.0
48			74.0	111.0	120.0

MAX. OVERALL DOOR WIDTHS TO BE LIMITED TO TESTED 192-3/4 IN. WHICH TO BE USED WITH SINGLE NOM. PANEL WIDTH PER CHART ABOVE.

NOTE:
USING CHART ON THIS SHEET SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.
LOWER DESIGN PRESSURES FROM HEAD OR SILL ANCHOR CHARTS WILL APPLY TO ENTIRE SYSTEM.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0729.03
Expiration Date 9/06/2029
By Isham I. Chaudhry
Miami Dade Product Control

FEB 03 2026



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description
E	11.12.20	UPDATED TO 2020 FBC
F	08.03.23	NO CHANGE THIS SHEET
G	07.18.24	NO CHANGE THIS SHEET
H	01.22.25	NO CHANGE THIS SHEET

date: 11-08-07
scale: -
dr. by: TARIQ
chk. by:

drawing no.
W07-95
sheet 3 of 9

COMP-ANL\W07-95RC

DESIGN LOAD CAPACITY - PSF HEAD ANCHORS (TYPE D)									
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	1/2" MAX. SHIM SPACE			3/8" MAX. SHIM SPACE			1/4" MAX. SHIM	
		3 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	5 ANCHORS AT JAMBS	2 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS	4 ANCHORS AT JAMBS	2 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS
		6 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	10 ANCHORS STILE ENDS	4 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS	8 ANCHORS STILE ENDS	4 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	80	120.0	120.0	120.0	104.4	120.0	120.0	120.0	120.0
42		105.4	120.0	120.0	89.5	120.0	120.0	120.0	120.0
48		92.3	120.0	120.0	78.3	117.5	120.0	120.0	120.0
54		82.0	106.7	106.7	69.6	104.4	106.7	106.7	106.7
60		73.8	96.0	96.0	62.6	94.0	96.0	96.0	96.0
36	84	117.1	120.0	120.0	99.4	120.0	120.0	120.0	120.0
42		100.4	120.0	120.0	85.2	120.0	120.0	120.0	120.0
48		87.9	117.1	120.0	74.6	111.9	120.0	115.1	120.0
54		78.1	104.1	106.7	66.3	99.4	106.7	102.3	106.7
60		70.3	93.7	96.0	59.7	89.5	96.0	92.1	96.0
36	90	109.3	120.0	120.0	92.8	120.0	120.0	120.0	120.0
42		93.7	120.0	120.0	79.5	119.3	120.0	120.0	120.0
48		82.0	109.3	120.0	69.6	104.4	120.0	107.5	120.0
54		72.9	97.2	106.7	61.9	92.8	106.7	95.5	106.7
60		65.6	87.5	96.0	55.7	83.5	96.0	86.0	96.0
36	96	102.5	120.0	120.0	87.0	120.0	120.0	120.0	120.0
42		87.9	117.1	120.0	74.6	111.9	120.0	115.1	120.0
48		76.9	102.5	120.0	65.3	97.9	120.0	100.8	120.0
54		68.3	91.1	106.7	58.0	87.0	106.7	89.6	106.7
36	102	96.5	120.0	120.0	81.9	120.0	120.0	120.0	120.0
42		82.7	110.3	120.0	70.2	105.3	120.0	108.4	120.0
48		72.4	96.5	120.0	61.4	92.1	120.0	94.8	120.0
54		64.3	85.8	106.7	54.6	81.9	106.7	84.3	106.7
36	108	91.1	120.0	120.0	77.3	116.0	120.0	119.4	120.0
42		78.1	104.1	120.0	66.3	99.4	120.0	102.3	120.0
48		68.3	91.1	113.9	58.0	87.0	116.0	89.6	120.0
36	114	86.3	115.1	120.0	73.3	109.9	120.0	113.1	120.0
42		74.0	98.6	120.0	62.8	94.2	120.0	97.0	120.0
48		64.7	86.3	107.9	54.9	82.4	109.9	84.8	120.0
36	119	82.7	110.3	120.0	70.2	105.3	120.0	108.4	120.0
42		70.9	94.5	118.1	60.2	90.2	120.0	92.9	120.0
48		62.0	82.7	103.4	52.6	79.0	105.3	81.3	120.0

DESIGN LOAD CAPACITY - PSF SILL ANCHORS (TYPE D)			
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	2 ANCHORS AT JAMBS	3 ANCHORS AT JAMBS
		4 ANCHORS STILE ENDS	6 ANCHORS STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)
36	80	120.0	120.0
42		120.0	120.0
48		120.0	120.0
54		106.7	106.7
60		96.0	96.0
36	84	120.0	120.0
42		120.0	120.0
48		115.1	120.0
54		102.3	106.7
60		92.1	96.0
36	90	120.0	120.0
42		120.0	120.0
48		107.5	120.0
54		95.5	106.7
60		86.0	96.0
36	96	120.0	120.0
42		115.1	120.0
48		100.8	120.0
54		89.6	106.7
36	102	120.0	120.0
42		108.4	120.0
48		94.8	120.0
54		84.3	106.7
36	108	119.4	120.0
42		102.3	120.0
48		89.6	120.0
36	114	113.1	120.0
42		97.0	120.0
48		84.8	120.0
36	119	108.4	120.0
42		92.9	120.0
48		81.3	120.0

MAX. OVERALL DOOR WIDTHS TO BE LIMITED TO TESTED 192-3/4 IN. WHICH TO BE USED WITH SINGLE NOM. PANEL WIDTH PER CHART ABOVE.

NOTE:
USING CHART ON THIS SHEET SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.
LOWER DESIGN PRESSURES FROM HEAD OR SILL ANCHOR CHARTS WILL APPLY TO ENTIRE SYSTEM.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 24-0729.03
Expiration Date 9/06/2029
By Ishraq I. Choudhury
Miami Dade Product Control

FEB 03 2026



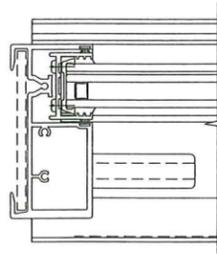
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

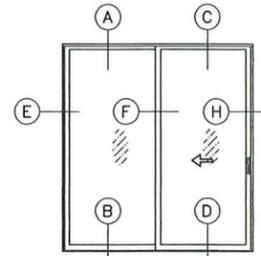
no	date	description
		GENERAL REVISION
G	07.18.24	REV. PER PER COMMENTS
H	10.22.25	

date:	11-08-07
scale:	-
dr. by:	TARIQ
chk. by:	

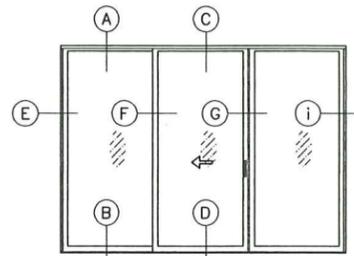
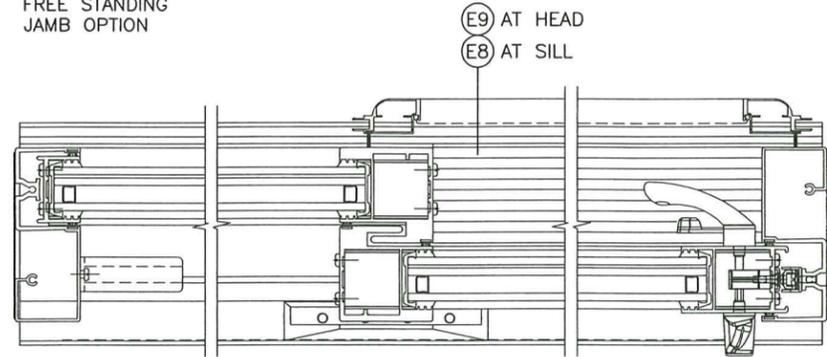
drawing no.
W07-95
sheet 3.1 of 9



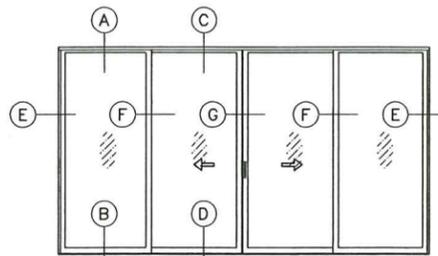
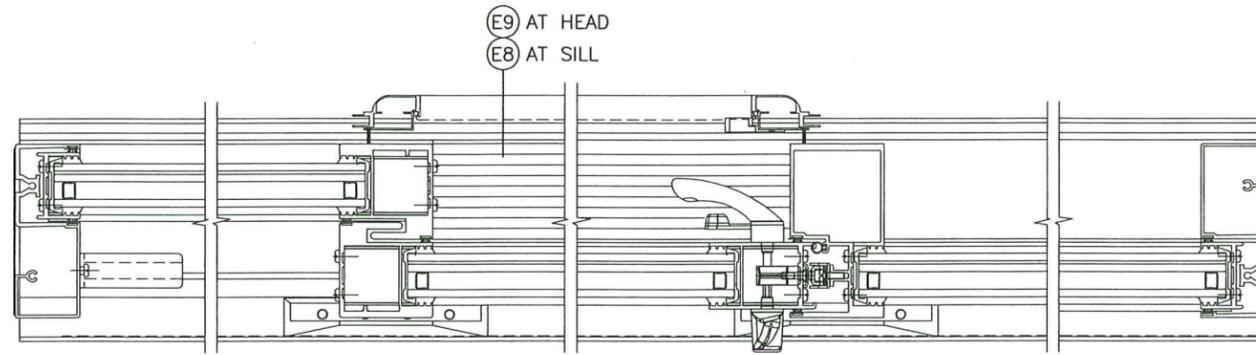
FREE STANDING
JAMB OPTION



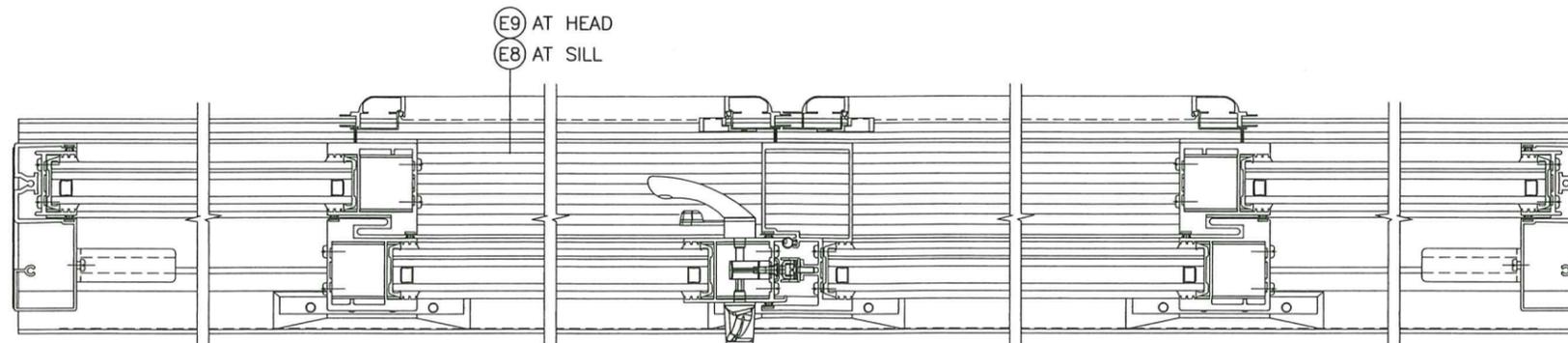
OX (SHOWN)
XO



OXO



OXXO

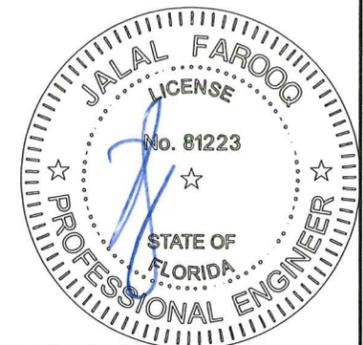


HORIZONTAL CROSS SECTION FOR ILLUSTRATION ONLY.
SEE SHEETS 5, 6 & 7 FOR INSTALLATION ANCHORS.

APPROVED CONFIGURATIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0729.03
Expiration Date 9/05/2029
By Ishq L. Chandra
Miami Dade Product Control

FEB 03 2026



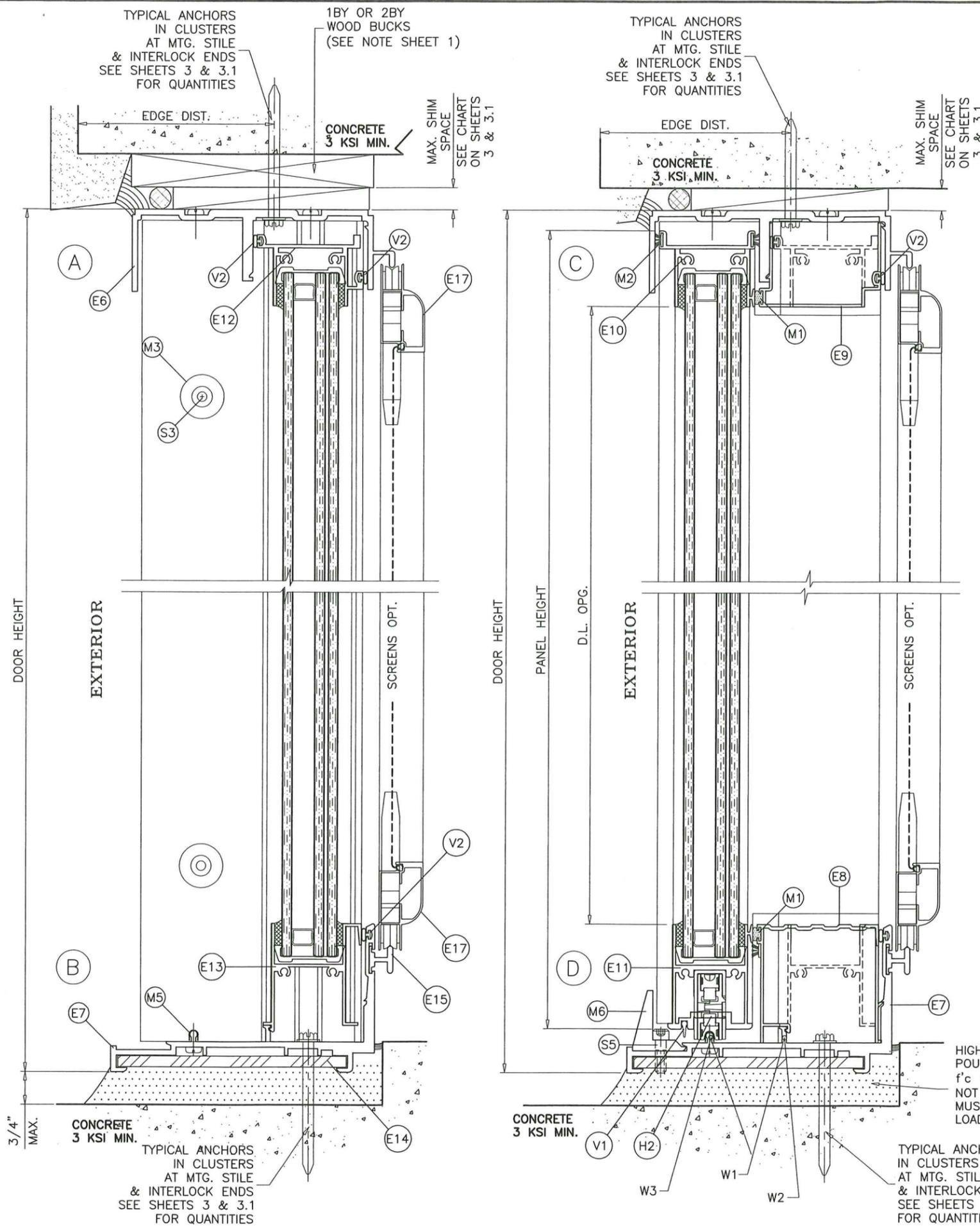
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
E	11.12.20		UPDATED TO 2020 FBC
F	08.03.23		NO CHANGE THIS SHEET
G	07.18.24		GENERAL REVISION
H	01.22.25		REV. PER RER COMMENTS

date: 11-08-07
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

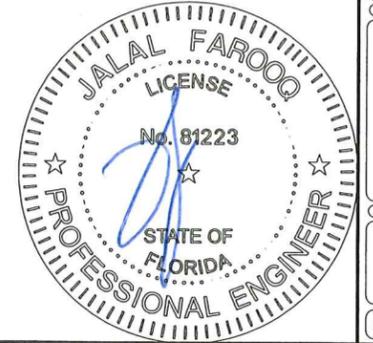
drawing no.
W07-95
sheet 4 of 9



WEEPS:
W1 = 3/4" WEEP NOTCH AT EACH END OF EACH TRACK
W2 = 1-3/4" NOTCH AT MIDSPAN OF FIX. PANEL TRACK
W3 = 2-1/2" NOTCH AT MIDSPAN OF MOV. PANEL TRACK

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0729.03
Expiration Date 9/06/2029
By: *Isang L. Chen*
Miami Dade Product Control

FEB. 03 2026



a f c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	description	by
E	11.12.20	UPDATED TO 2020 FBC	
F	08.03.23	NO CHANGE THIS SHEET	
G	07.18.24	GENERAL REVISION	
H	01.22.25	NO CHANGE THIS SHEET	

date:	11-08-07
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.	W07-95
sheet	5 of 9

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY 'TECNOGLASS'
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD

TYPE 'A' - 1/4" X 2-3/4" HILTI KWIK-CON II+ (Fu=138 KSI, Fy=137 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONCRETE
1-1/4" MIN. EMBED INTO CONCRETE

TYPE 'B' - 1/4" X 2-3/4" HILTI KWIK-CON II+ (Fu=138 KSI, Fy=137 KSI)
DIRECTLY INTO CONCRETE, 1-3/4" MIN. EMBEDMENT

TYPE 'C' - 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D' - 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE

AT SILL

TYPE 'A' - 1/4" DIA. HILTI KWIK-CON II+ (Fu=138 KSI, Fy=137 KSI)
DIRECTLY INTO CONCRETE, 1-3/4" MIN. EMBEDMENT

TYPE 'D' - 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE

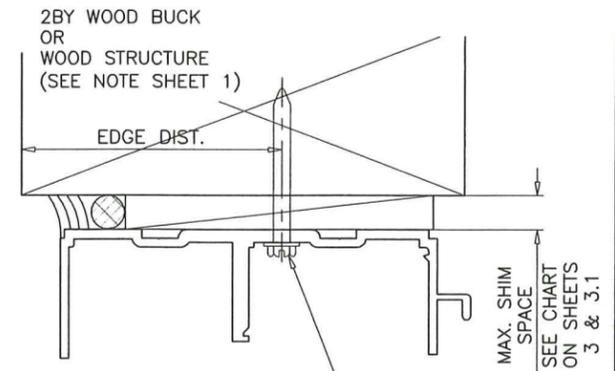
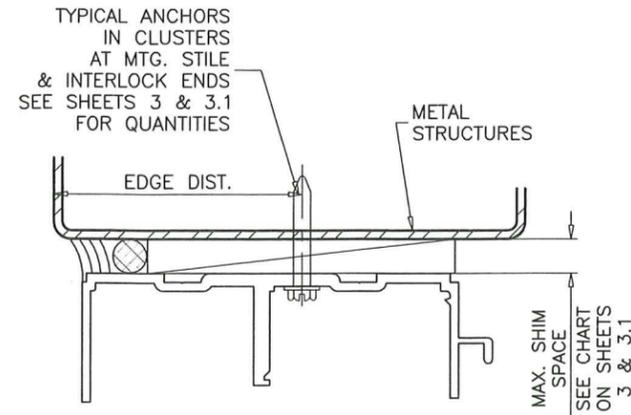
AT JAMBS

TYPE 'A' - 1/4" X 2-3/4" HILTI KWIK-CON II+ (Fu=138 KSI, Fy=137 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS

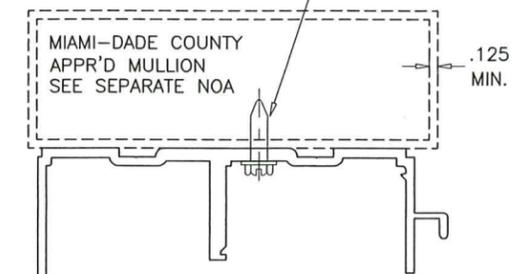
TYPE 'B' - 1/4" X 2-3/4" HILTI KWIK-CON II+ (Fu=138 KSI, Fy=137 KSI)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE
1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS

TYPE 'C' - 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D' - 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE OR GROUT-FILLED BLOCKS



TYPICAL ANCHORS
IN CLUSTERS
AT MTG. STILE
& INTERLOCK ENDS
SEE SHEETS 3 & 3.1
FOR QUANTITIES



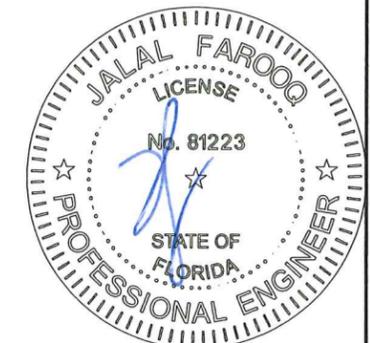
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0729.03
Expiration Date 9/16/2029
By Ishag L. Chand
Miami Dade Product Control

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

FEB 03 2026



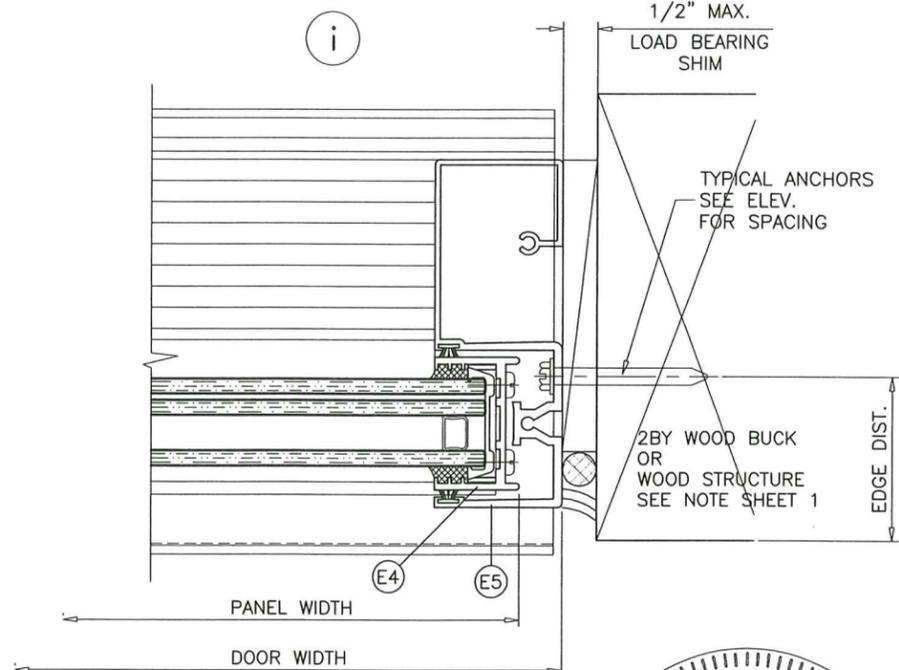
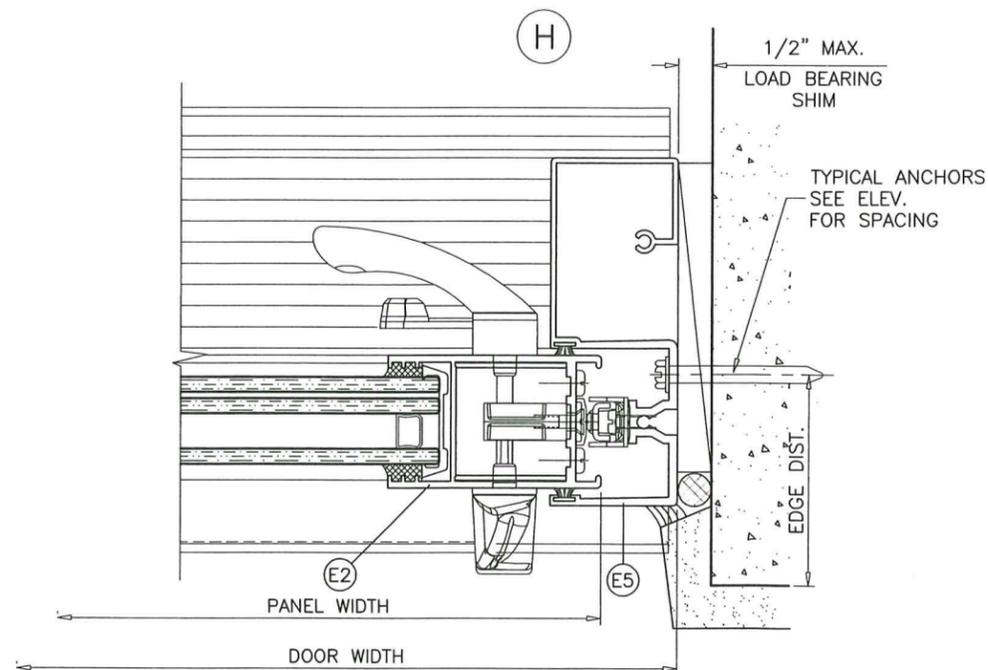
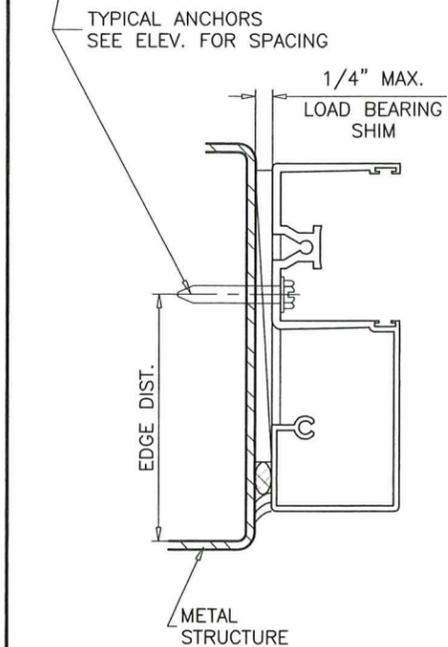
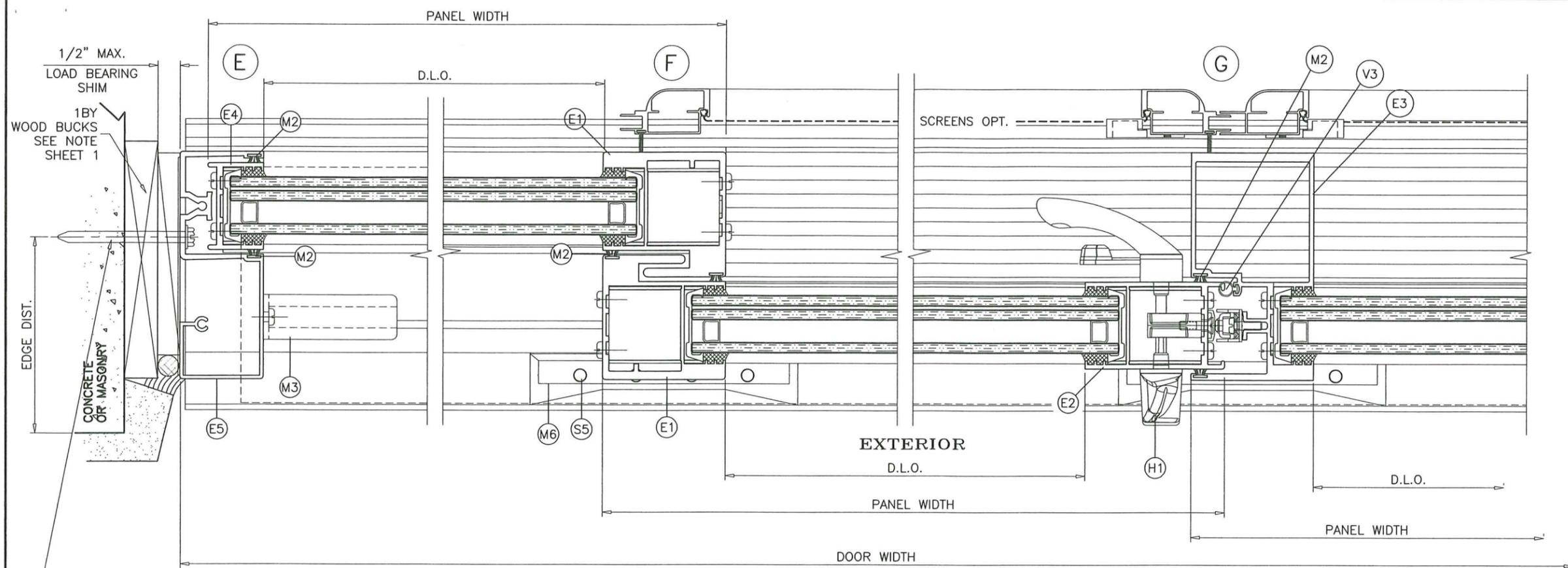
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
E	11.12.20		UPDATED TO 2020 FBC
F	08.03.23		NO CHANGE THIS SHEET
G	07.18.24		GENERAL REVISION
H	01.22.25		NO CHANGE THIS SHEET

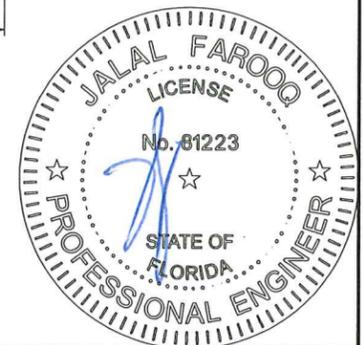
date: 11-08-07
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W07-95
sheet 6 of 9



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **24-0729.03**
 Expiration Date **9/06/2029**
 By **Ish-g.l.Chand**
 Miami Dade Product Control

FEB 03 2026



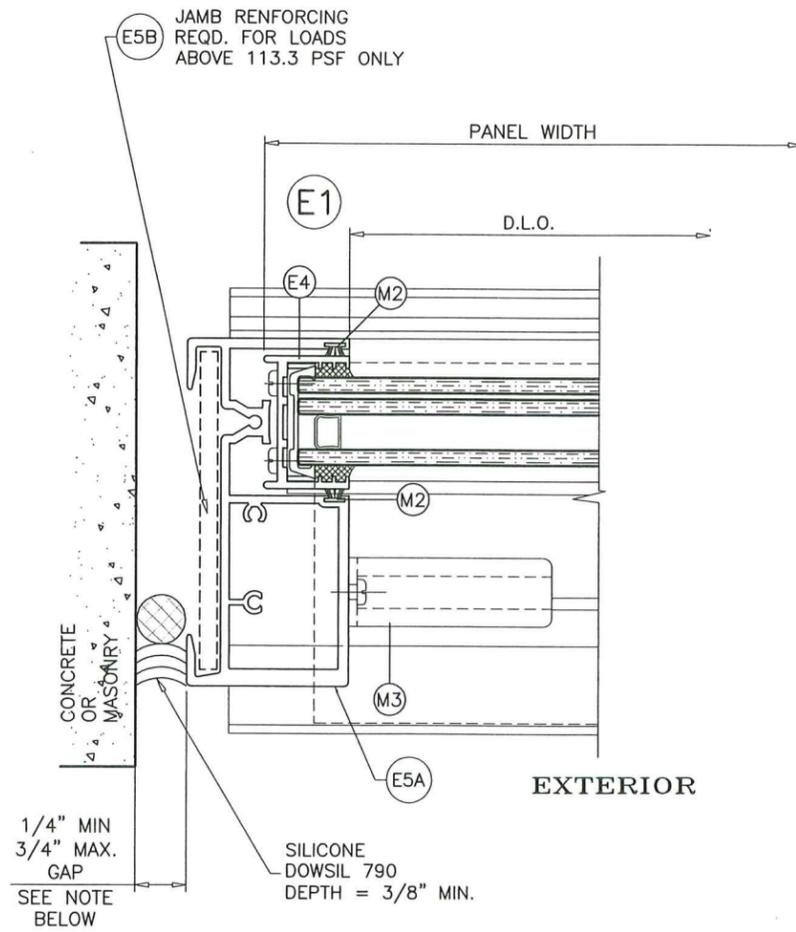
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

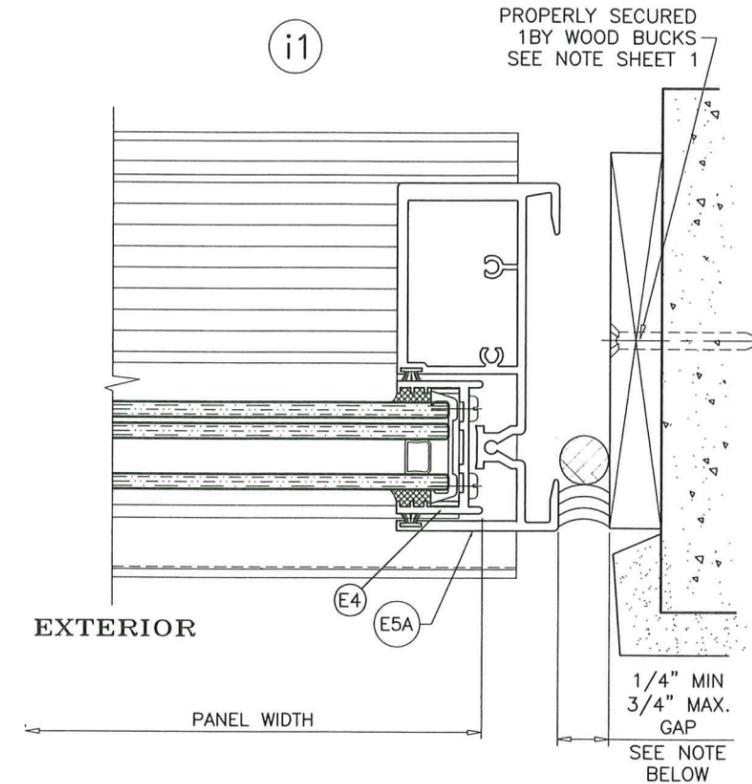
no	date	by	description
E	11.12.20	UPDATED TO 2020 FBC	
F	08.03.23	NO CHANGE THIS SHEET	
G	07.18.24	NO CHANGE THIS SHEET	
H	01.22.25	NO CHANGE THIS SHEET	

date: 11-08-07
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W07-95
 sheet 7 of 9



FREE STANDING JAMB WITH REINFORCING



FREE STANDING JAMB WITHOUT REINFORCING

MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
84"	1/4"	3/4"
96"	5/16"	3/4"
114"	3/8"	3/4"
119-1/2"	7/16"	3/4"

NOTE:
 MAX. MOVEMENT CONSIDERED=100% STRETCH.
 PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & WINDOWALL MATERIAL/FINISH AND COMPLIANCE FOR WARRANTY.
 REFER TO ACI-117-10 FOR CONSTRUCTION TOLERANCES.

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

GAPS LESS THAN 1/4" MAY BE DESIGNED BY ENGINEER OF RECORD BY THE USE OF BOND BREAKER TAPE OR 15% OF GAP ALLOWED MOVEMENT.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 24-0729.03
 Expiration Date 8/16/2029
 By Ishag I. Khando
 Miami Date Product Control

FEB 03 2026



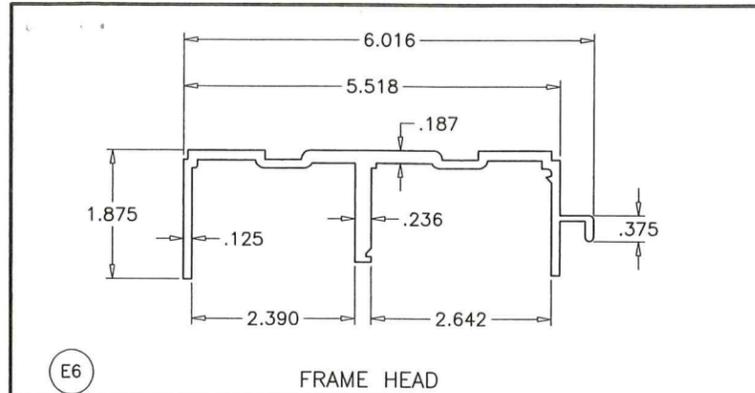
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-95RC

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

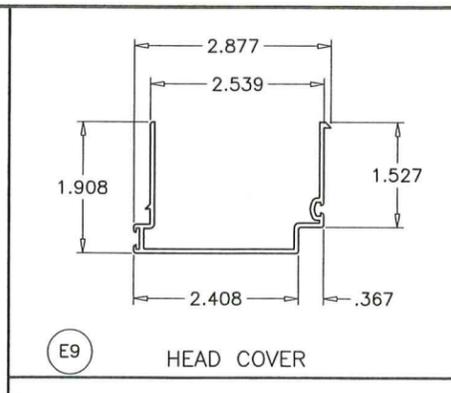
no	date	by	description
G	07.18.24		GENERAL REVISION
H	01.22.25		REV. PER RER COMMENTS

date: 11-08-07
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

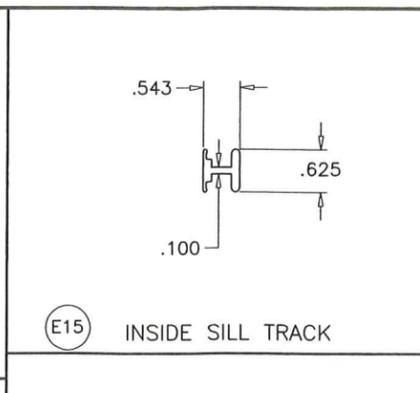
drawing no.
W07-95
 sheet 7.1 of 9



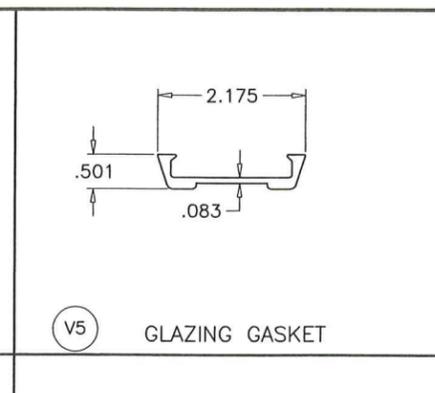
E6 FRAME HEAD



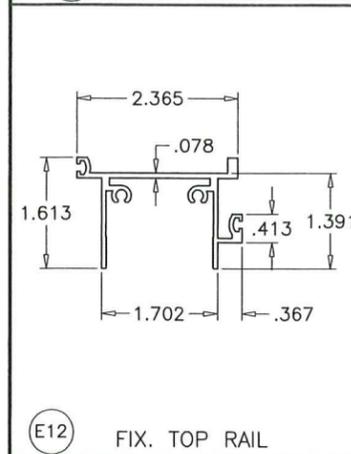
E9 HEAD COVER



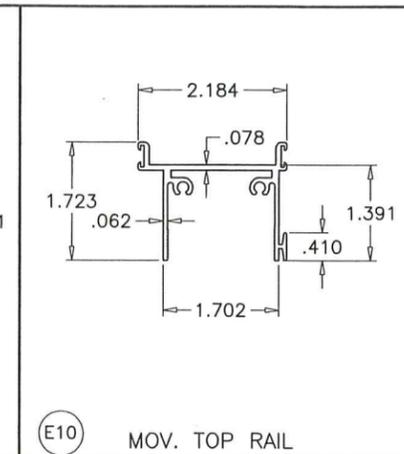
E15 INSIDE SILL TRACK



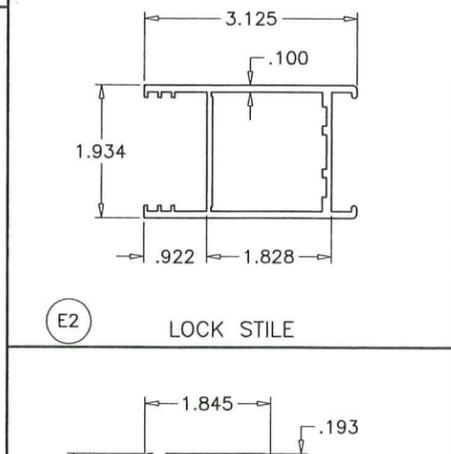
V5 GLAZING GASKET



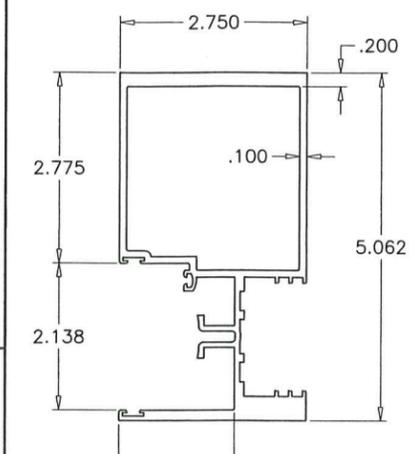
E12 FIX. TOP RAIL



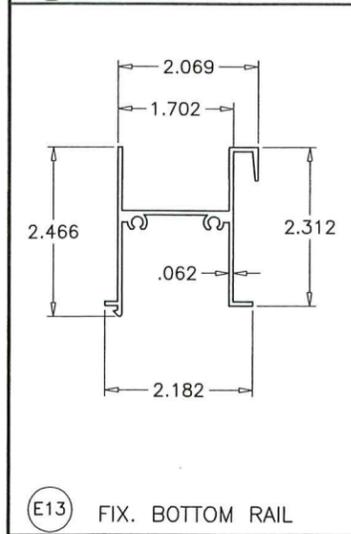
E10 MOV. TOP RAIL



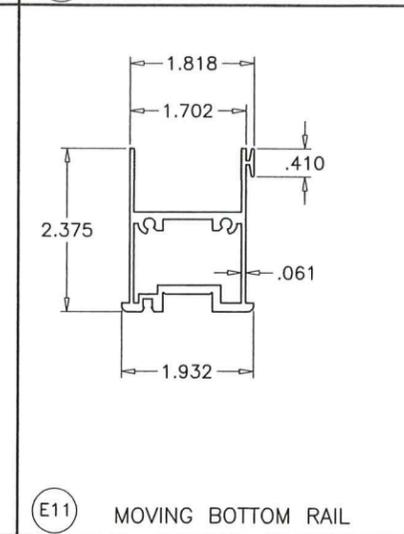
E2 LOCK STILE



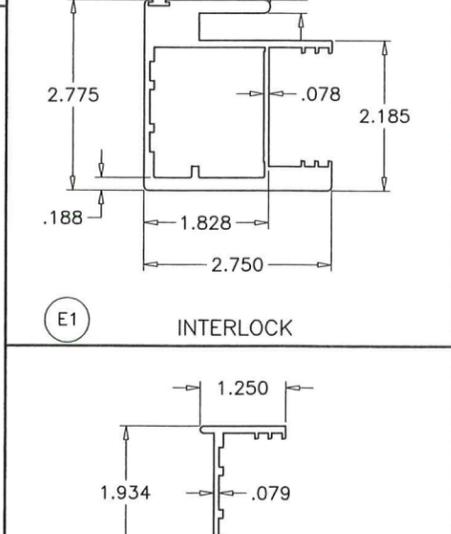
E3 MTG. STILE



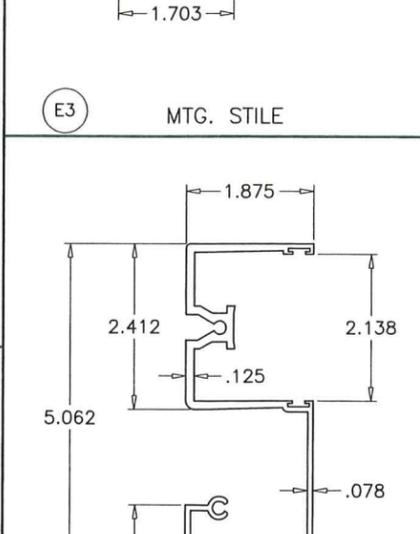
E13 FIX. BOTTOM RAIL



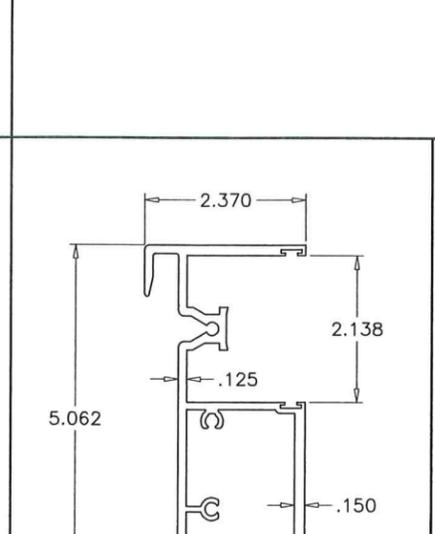
E11 MOVING BOTTOM RAIL



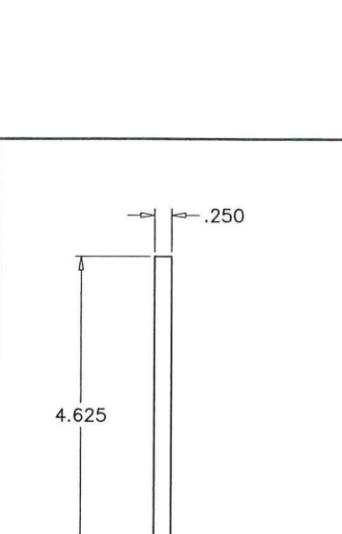
E1 INTERLOCK



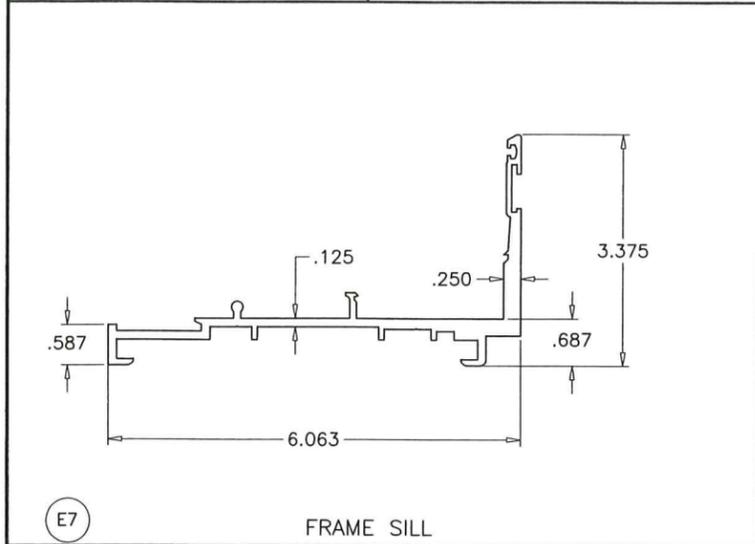
E5 FRAME JAMB (ANCHORED)



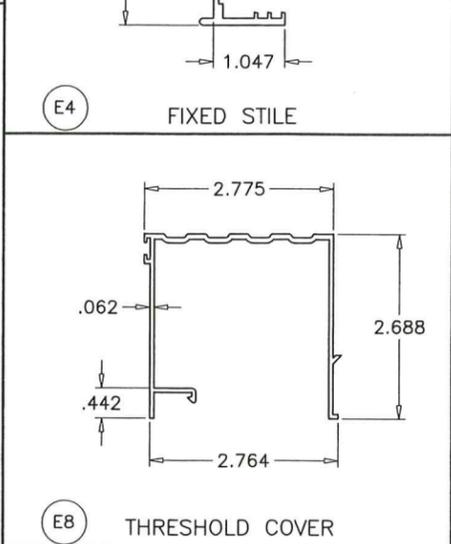
E5A FRAME JAMB (FREE STANDING)



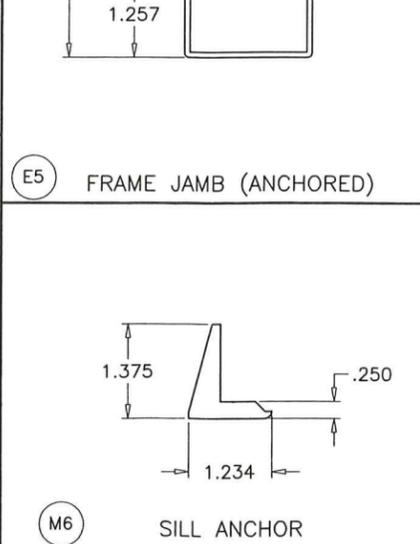
E5B FREE JAMB REINFORCING



E7 FRAME SILL



E8 THRESHOLD COVER

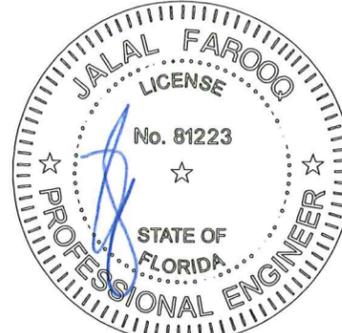


M6 SILL ANCHOR

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 24-0729.03
 Expiration Date 7/06/2029

By Ishag L. L...
 Miami Dade Product Control

FEB 03 2026



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-95RC

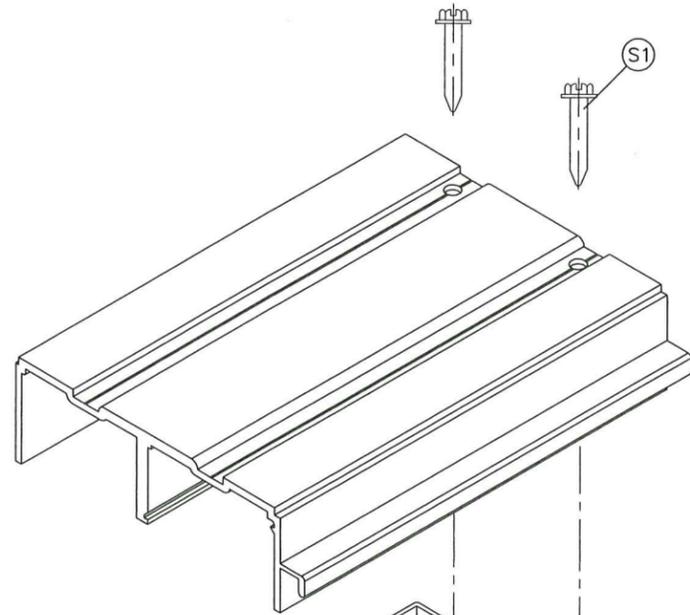
SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
E	11.12.20		UPDATED TO 2020 FBC
F	08.03.23		NO CHANGE THIS SHEET
G	07.18.24		GENERAL REVISION
H	01.22.25		REV. PER RER COMMENTS

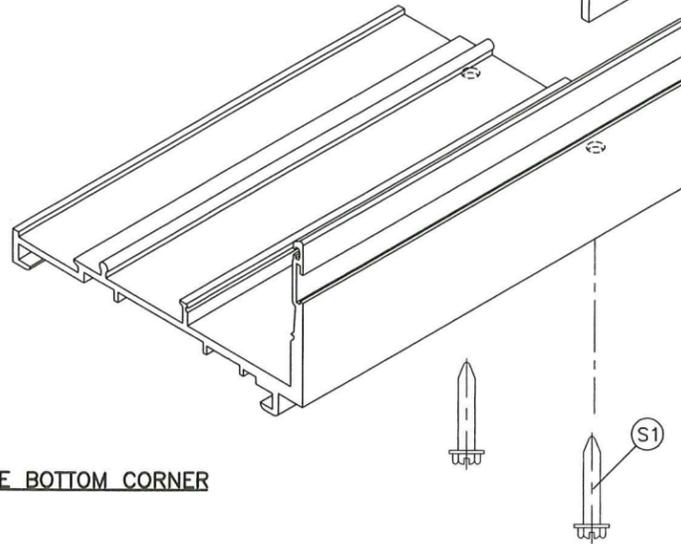
date: 11-08-07
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no. **W07-95**
 sheet 8 of 9

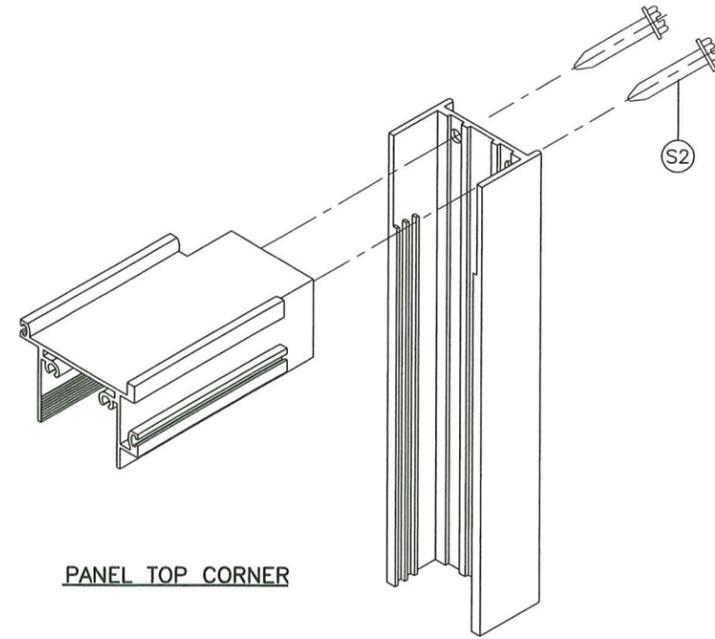
FRAME TOP CORNER



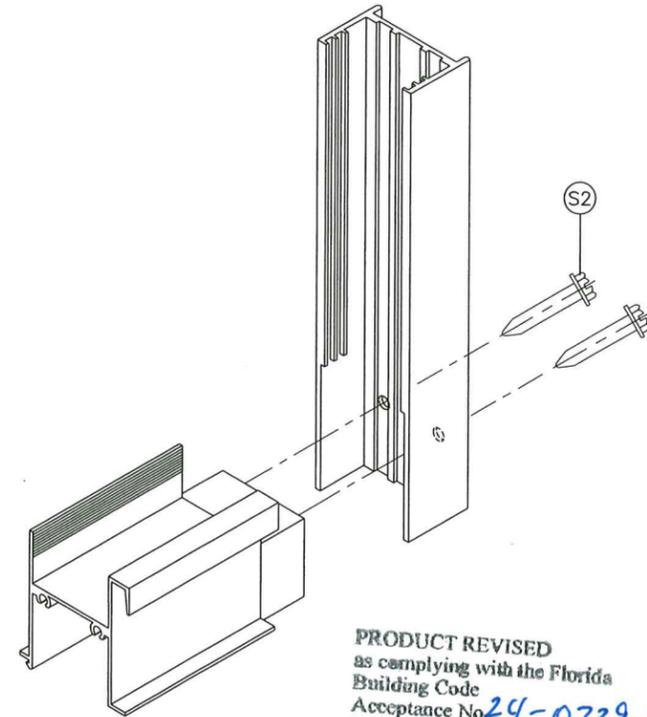
FRAME BOTTOM CORNER



PANEL TOP CORNER

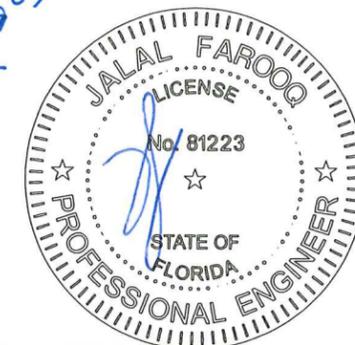


PANEL BOTTOM CORNER



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 24-0729-03
 Expiration Date 7/06/2029
 By *Ishag I. Chumbe*
 Miami Dade Product Control

FEB 03 2026



afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES PH3200 ALUM SLIDING GLASS DOOR (L.M.I.)
TECNOGLASS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by	description
E	11.12.20		UPDATED TO 2020 FBC
F	08.03.23		NO CHANGE THIS SHEET
G	07.18.24		GENERAL REVISION
H	01.22.25		NO CHANGE THIS SHEET

date: 11-08-07
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W07-95
 sheet 9 of 9

COMP-ANL\W07-95RC