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

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

NOTICE OF ACCEPTANCE (NOA)

E.S. Windows, LLC
3550 N. W. 49th 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 "**6500**" Aluminum Sliding Glass Doors w/ reinforcements-**LMI**

APPROVAL DOCUMENT: Drawing No. **W13-07 Rev H,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on SEP 23, 2026, 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 Missile Impact Resistant

Limitations:

1. See SGD w/wo Head Receptor (HR) Design Pressures (DP) Vs. Reinforcements & glazing options in sheet **4**.
2. See sheet **2** for SGD elevation without HR and anchors capacity charts in sheet **5** at Head & sheet **6** at sill.
3. See sheet **3** for SGD elevation w/ HR doors and Head/sill anchors capacity charts in sheet **6** at sill**.** Standard jambs item **# E-3** is limited to max DP= **+/- 85** PSF only. The max Exterior Positive DP not to exceed = **+120.0 PSF**, all the cases. Heavy Duty (#**E-4**) may be used per all tables & free jambs.
4. See sheets **7**, **9** & **11**, for fixed panel arrangement using alum clip item **E-29** (top/bottom) & threshold item **E-11**.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, BARRANQUILLA, COLOMBIA and series and following statement: "Miami-Dade County Product Control Approved", 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 **revises** #**23-0918.05** of this page 1 and evidence pages E-1, E-2 & E-3, E-4, E-5 & E-6, as well as approval document mentioned above.
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY APPROVED

Ishaq I. Chanda

NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file referenced below)
2. Drawing No. **W13-07 Rev C,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on SEP 08, 2016, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #**13-0115.05**)

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 2411 3.2.1, TAS 202-94

   along with marked-up drawings and installation diagram of OXXO aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Test Report No. **FTL-7130 (FTL 12093),** dated 04/05/13 and last revised on 09-12-13, signed and sealed by Marlin D. Brinson, P.E.

   Along with marked-up drawings and installation diagram of OXXX aluminum SGD, prepared by Fenestration Testing Laboratories, Test Report No. **FTL- 6990(FTL12051),** dated 08/06/12, signed and sealed by Marlin D. Brinson, P.E.
3. Additional reference test report #**BT-ESW-15-005**.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (**5th Edition**), prepared by Al Farooq Corporation, dated MAY 29, 2015, OCT 21, 2015 and last revised on AUG 24, 2016, signed and sealed by Javad Ahmad, P.E.
2. Engineering structural analysis of tested stiles & interlocks Vs. redesigned, prepared by Al Farooq Corporation, dated AUG 13, 2012, signed and sealed by Javad Ahmad, P.E. and approved dated 09/14/12 by RER (submitted under file #**13-0115.05**).
3. Glazing complies w/ ASTME-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/4/17.
2. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "Kuraray **Butacite PVB Interlayer**", expiring on 12/11/16.

F. STATEMENTS (Item #2 submitted under file #**13-0115.05**)

1. Statement letter of conformance to FBC 2014 (**5th Edition**) and letter of no financial interest, prepared by Al Farooq Corporation, dated 05/29/15, signed and sealed by Javad Ahmad, P.E.
2. E-mail dated 09/12/13 issued by Fenestration testing lab, clarify ½" shim gap used at unanchored (free) jambs in Test report FTL-7130, sample A-1, sent by Ms. Iliana Sanchez.
3. Lab compliance as part of the above referenced test report.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER (Items 2 thru 4 were submitted under file #**13-0115.05**)

1. This NOA **revises** #**13-0115.05**, expiring 09/19/18**.**
2. Test proposal dated AUG 13, 2012, prepared by Al-Farooq Corp and approved dated 09/14/12 by RER.
3. ES Windows Distribution agreement -Energia Solar, S.A. and ES Windows, LLC, dated 09/12/13, signed by Ms. Adriana Montoya, Manager and Andres Chamorro, General manager respectively on behalf of the companies.
4. Technical cut sheet data for EPDM, rubber compound by Solucionesencaucho, Columbia.

2 Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W13-07 Rev E,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on May 15, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2017 (**6th Edition**), prepared by Al Farooq Corporation, dated MAR 21, 2018 and last revised on May 08, 2018, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/4/18.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont De Nemours & Co., Inc.) for "Trofosil , ultra clear, clear & color **PVB Interlayer**", expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)** and of no financial interest, prepared by Al Farooq Corporation, dated 03/14/18, signed and sealed by Javad Ahmad, P.E.
2. Statement of lab compliance, as part of test report.

G. OTHER

1. This NOA **revises & renews** #**15-0602.07**, expiring 09/19/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W13-07 Rev F,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on NOV 17, 2020, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 11/06/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24**.**
2. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their **"SentryGlas® (Clear and White) Glass Interlayers**", expiring on 07/04/28.

D. STATEMENTS

1**.** Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated 11/06/20, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dtd 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files.

G. OTHER

1. This NOA **revises NOA No. 18-0322.05,** expiring 09/19/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W13-07 Rev F,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on NOV 17, 2020, signed and sealed by Jalal Farooq, P.E.

Note: This is renewal with no change.

B. TESTS

1. None.

C. CALCULATIONS (submitted under previous approval**)**

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24**.**

2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/4/23.

E. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated 03/10/23, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

2. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dated 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files).

G. OTHER

1. This NOA **renews NOA No. 20-0118.09,** expiring 09/19/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. Evidence submitted previous approval

A. DRAWINGS

1. Drawing No. **W13-07 Rev G,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on SEP 15, 2023, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS (submitted under previous approval**)**

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24**.**

2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/4/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated 09/15/23, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E

2. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated 03/10/23, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.(submitted under previous approval)

3. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dated 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files).

G. OTHER

1. This NOA **revises NOA No. 23-0314.07** and updates to FBC 2023**,** expiring 09/19/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. New Evidence submitted

A. DRAWINGS

1. Drawing No. **W13-07 Rev H,** titled "Series 6500 Alum Sliding Glass Door (LMI)", sheets 1 through 16 of 16, prepared by Al-Farooq Corporation, dated 03-17-13 and last revised on SEP 23, 2026, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS (submitted under previous approval**)**

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **26-0625.05** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", expiring on 07/08/29**.**

2. Notice of Acceptance No. **23-0717.30** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/4/28.

G. STATEMENTS

1. Statement letter of conformance, complying with **FBC 9th Edition (2026)** and **FBC 8th Edition (2023)**, dated 09/23/26, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E

2. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dated 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files).

G. OTHER

1. This NOA **revises NOA No. 23-0918.05** and updates to FBC 2026**,** expiring 09/19/28.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0924.15
Expiration Date: September 19, 2028
Approval Date: October 29, 2026

The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

STEP 1 DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

STEP 2 DETERMINE DOOR CAPACITY FROM TABLES ON SHEET 4 FOR THE GLASS TYPE AND REINFORCING TO USE.

STEP 3 USING CHARTS ON SHEETS 5 FOR DOORS WITHOUT HEAD RECEPTOR, SHEET 6 FOR DOORS WITH HEAD RECEPTOR AND CHARTS ON SHEET 6 FOR SILL ANCHORS SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

STEP 4 THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

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

SERIES ES-6500
ALUMINUM SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH 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.

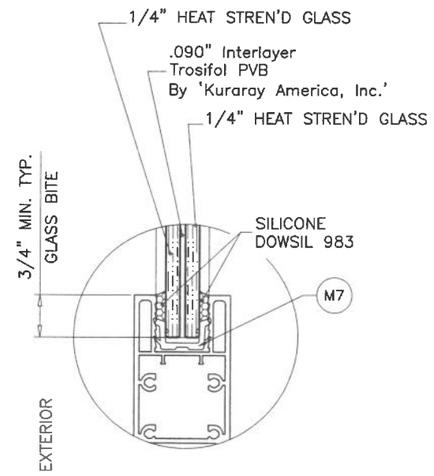
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

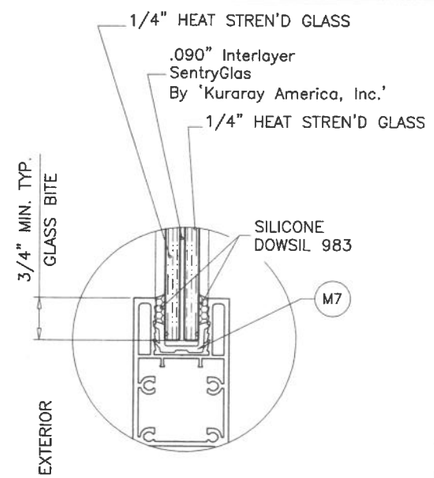
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



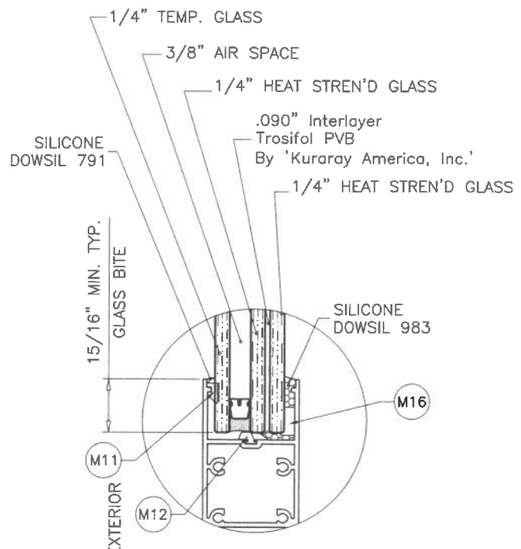
GLASS TYPE 'A'

9/16" OVERALL LAMINATED GLASS



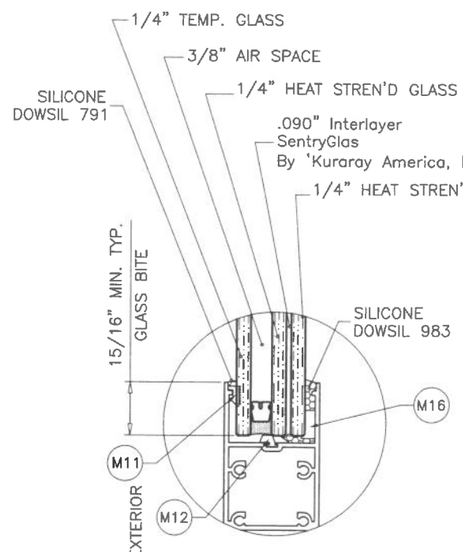
GLASS TYPE 'B'

9/16" OVERALL LAMINATED GLASS



GLASS TYPE 'AI'

1-1/4" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'BI'

1-1/4" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

DAYLITE OPENINGS WIDTHS:
FIXED STILE-INTERLOCK = PANEL WIDTH - 7.437"
INTERLOCK-ASTRAGAL = PANEL WIDTH - 6.375"
LOCK STILE-INTERLOCK = PANEL WIDTH - 7.187"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 7.375"

PANEL HEIGHT = DOOR FRAME HEIGHT - 1.750" (W/O RECEPTOR)
PANEL HEIGHT = OVERALL HEIGHT - 3.500" (WITH RECEPTOR)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami-Dade Product Control

3/8" 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

LAMINATED GLASS
INSUL. LAM. GLASS
LARGE MISSILE IMPACT

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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\W13-07ESW

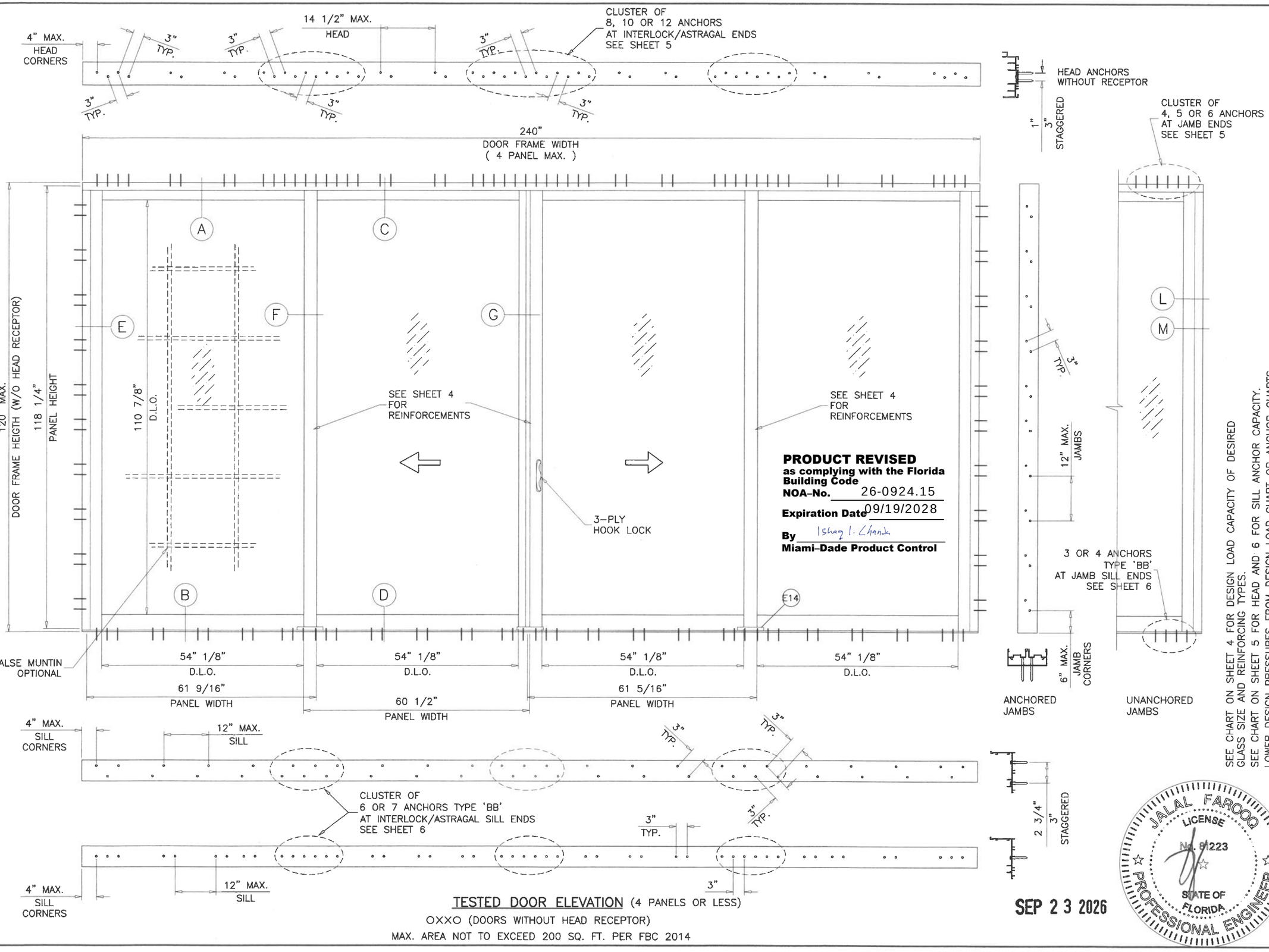
SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5158 FAX. (305) 638-5151

revisions:			
no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		UPDATED TO 2023 FBC
H	09.21.26		UPDATED TO 2026 FBC

date: 03-17-13
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no. W13-07



TESTED DOOR ELEVATION (4 PANELS OR LESS)

OXXO (DOORS WITHOUT HEAD RECEPTOR)

MAX. AREA NOT TO EXCEED 200 SQ. FT. PER FBC 2014

SEE CHART ON SHEET 4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCING TYPES.
SEE CHART ON SHEET 5 FOR HEAD AND 6 FOR SILL ANCHOR CAPACITY.
LOWER DESIGN PRESSURES FROM DESIGN LOAD CHART OR ANCHOR CHARTS WILL APPLY TO ENTIRE SYSTEM.

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 61223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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\W13-07ESW

SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

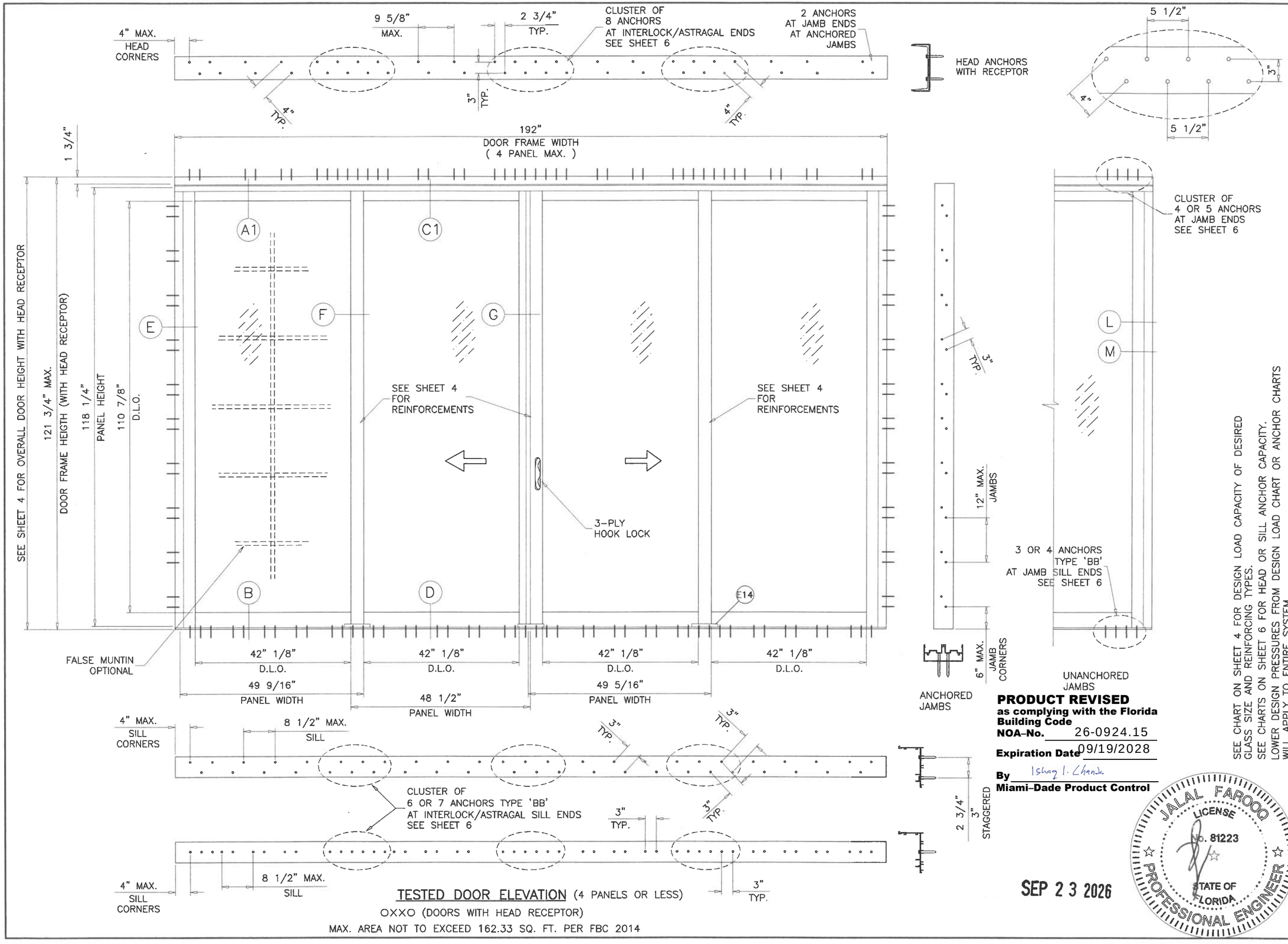
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5158 FAX. (305) 638-5151

revisions:			
no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03-17-13
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no. W13-07

sheet 2 of 16



TESTED DOOR ELEVATION (4 PANELS OR LESS)

OXXO (DOORS WITH HEAD RECEPTOR)

MAX. AREA NOT TO EXCEED 162.33 SQ. FT. PER FBC 2014

SEE CHART ON SHEET 4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCING TYPES.
SEE CHARTS ON SHEET 6 FOR HEAD OR SILL ANCHOR CAPACITY.
LOWER DESIGN PRESSURES FROM DESIGN LOAD CHART OR ANCHOR CHARTS WILL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami-Dade Product Control

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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\W13-07ESW

SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:			
no	date	by	description
E	05.09.18		REV. PER RER COMMENTS
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03-17-13
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

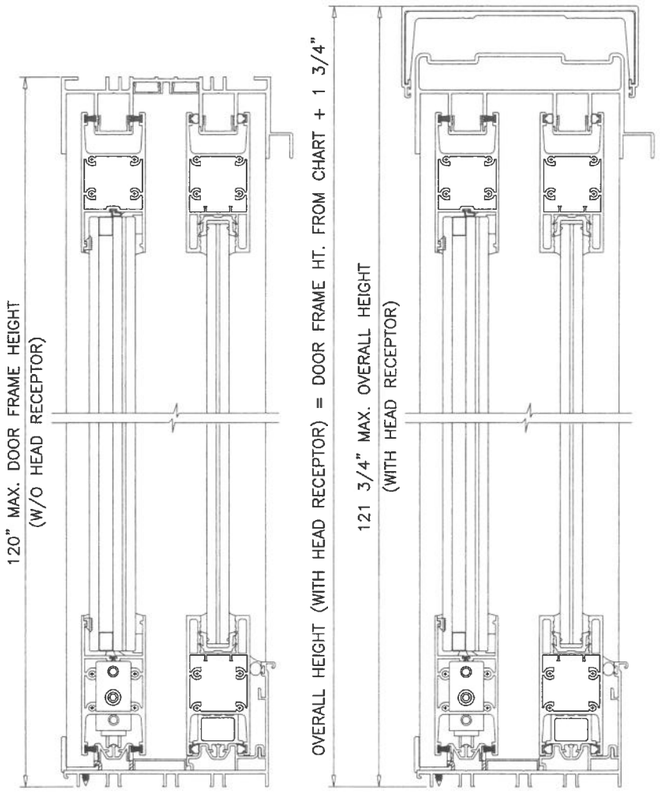
drawing no. W13-07

sheet 3 of 16

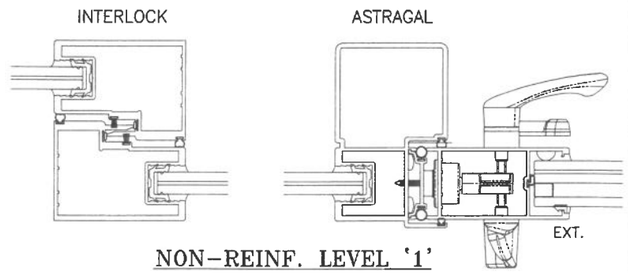
DESIGN LOAD CAPACITY – PSF (WITH OR WITHOUT HEAD RECEPTOR)

PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	REINF. LEVEL '1' GLASS 'A' & 'A1' EXT.(+)	REINF. LEVEL '1' GLASS 'A' & 'A1' INT.(–)	REINF. LEVEL '1' GLASS 'B' & 'B1' EXT.(+)	REINF. LEVEL '1' GLASS 'B' & 'B1' INT.(–)	REINF. LEVEL '2' GLASS 'B' & 'B1' EXT.(+)	REINF. LEVEL '2' GLASS 'B' & 'B1' INT.(–)	REINF. LEVEL '3' GLASS 'B' & 'B1' EXT.(+)	REINF. LEVEL '3' GLASS 'B' & 'B1' INT.(–)
36	82	85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
42		85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
48		85.0	85.0	85.0	85.0	96.3	105.0	120.0	135.0
54		85.0	85.0	85.0	85.0	85.6	93.3	106.7	120.0
60		–	–	85.0	85.0	77.0	84.0	96.0	108.0
36	84	85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
42		85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
48		85.0	85.0	85.0	85.0	96.3	105.0	120.0	135.0
54		85.0	85.0	85.0	85.0	85.6	93.3	106.7	120.0
60		–	–	85.0	85.0	77.0	84.0	96.0	108.0
36	90	85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
42		85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
48		85.0	85.0	85.0	85.0	96.3	105.0	120.0	135.0
54		–	–	85.0	85.0	85.6	93.3	106.7	120.0
60		–	–	85.0	85.0	–	–	96.0	108.0
36	96	85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
42		85.0	85.0	85.0	85.0	110.0	120.0	120.0	135.0
48		85.0	85.0	85.0	85.0	96.3	105.0	120.0	135.0
54		–	–	85.0	85.0	–	–	106.7	120.0
60		–	–	85.0	85.0	–	–	96.0	108.0
36	102	–	–	85.0	85.0	110.0	120.0	120.0	135.0
42		–	–	85.0	85.0	110.0	120.0	120.0	135.0
48		–	–	85.0	85.0	96.3	105.0	120.0	135.0
54		–	–	85.0	85.0	–	–	106.7	120.0
60				85.0	85.0	–	–	–	–
36	108	–	–	85.0	85.0	110.0	120.0	120.0	135.0
42		–	–	85.0	85.0	110.0	120.0	120.0	135.0
48		–	–	85.0	85.0	–	–	120.0	135.0
54		–	–	85.0	85.0	–	–	–	–
60		–	–	85.0	85.0	–	–	–	–
36	114	–	–	85.0	85.0	110.0	120.0	120.0	135.0
42		–	–	85.0	85.0	110.0	120.0	120.0	135.0
48		–	–	85.0	85.0	–	–	120.0	135.0
54		–	–	85.0	85.0	–	–	–	–
60		–	–	85.0	85.0	–	–	–	–
36	120	–	–	85.0	85.0	110.0	120.0	120.0	135.0
42		–	–	85.0	85.0	110.0	120.0	120.0	135.0
48		–	–	85.0	85.0	–	–	120.0	135.0
54		–	–	85.0	85.0	–	–	–	–
60		–	–	85.0	85.0	–	–	–	–

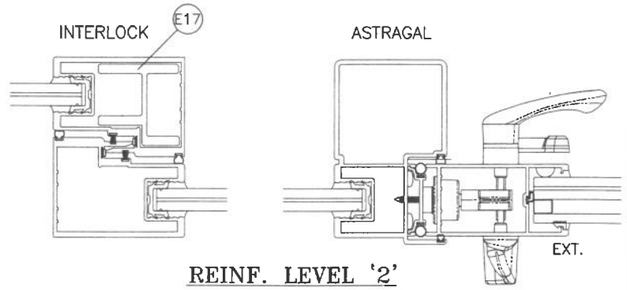
CHART ABOVE SHOWS FRAME HEIGHTS FOR DOORS WITHOUT HEAD RECEPTOR.
FOR DOORS WITH HEAD RECEPTORS OVERALL HEIGHT = DOOR FRAME HT. FROM CHART + 1–3/4".



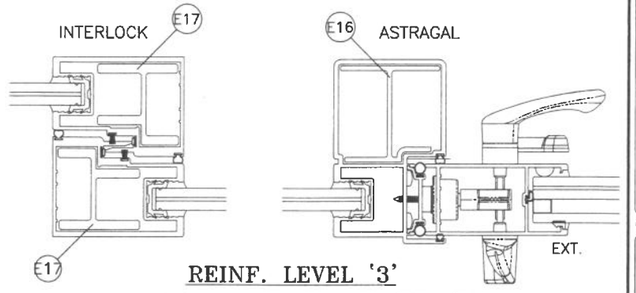
PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami–Dade Product Control



NON–REINF. LEVEL '1'
WITH STANDARD FRAME JAMBS (ITEM #E3)



REINF. LEVEL '2'
WITH HEAVY DUTY FRAME JAMBS (ITEM #E4)



REINF. LEVEL '3'
WITH HEAVY DUTY FRAME JAMBS (ITEM #E4)

NOTE:
SEE SHEET 12 FOR FIXED PANEL CLIP, ANGLE AND SNAP ON THRESHOLD REQUIREMENT.
ALSO SEE SHEET 8 FOR APPLICABLE EXTRUSION TEMPERS FOR STILES/INTERLOCKS.

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY
EGRESS REQUIREMENTS PER FBC AS REQUIRED.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300–16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05–DEC–219

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

COMP–ANL\W13–07ESW

SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

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revisions: no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		UPDATED TO 2026 FBC

date: 03–17–13
scale: –
dr. by: TARIQ
chk. by:

drawing no. W13–07

HEAD ANCHOR LOAD CAPACITY – PSF
(DOORS WITHOUT HEAD RECEPTOR)
(APPLICABLE TO SHEET 2 ELEVATION)

ANCHOR TYPE		ANCHOR TYPE 'AA'			ANCHOR TYPE 'BB'						ANCHOR TYPE 'C'				ANCHOR 'CC'
SHIM SPACE		1/4" SHIM	3/8" MAX. SHIM		1/4" SHIM	3/8" MAX. SHIM		1/2" MAX. SHIM			1/4" SHIM	3/8" MAX. SHIM			3/8" SHIM
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	8 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	10 ANCHORS AT MTG. STILE ENDS	12 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
36	82	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
36	84	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
36	90	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
36	96	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0
36	102	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	126.5	135.0	135.0	135.0	126.5	135.0	135.0	135.0
54		120.0	120.0	120.0	120.0	120.0	120.0	117.0	120.0	120.0	120.0	117.0	120.0	120.0	120.0
60		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
36	108	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	129.6	135.0	135.0	135.0	129.6	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	117.5	135.0	135.0	135.0	117.5	135.0	135.0	135.0
54		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
60		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
36	114	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	121.3	135.0	135.0	135.0	121.3	135.0	135.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	109.7	135.0	135.0	135.0	109.7	135.0	135.0	135.0
54		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
60		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
36	120	135.0	135.0	135.0	135.0	135.0	135.0	129.0	135.0	135.0	135.0	129.0	135.0	135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	113.9	135.0	135.0	135.0	113.9	135.0	135.0	135.0
48		135.0	130.6	135.0	135.0	130.6	135.0	102.8	128.5	135.0	135.0	102.8	128.5	135.0	135.0
54		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
60		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
		4 ANCHORS AT FREE STANDING JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	5 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	5 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	5 ANCHORS AT FREE STAND. JAMB ENDS	6 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STANDING JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	5 ANCHORS AT FREE STAND. JAMB ENDS	6 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STANDING JAMB ENDS

CHART ABOVE SHOWS FRAME HEIGHTS FOR DOORS WITHOUT HEAD RECEPTOR.

LIMIT ALL EXTERIOR LOADS TO +120.0 PSF MAX.

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami–Dade Product Control

SEE CHART ON SHEET 4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCING TYPES.

SEE CHART ABOVE FOR HEAD ANCHOR CAPACITY.
SEE CHART ON SHEET 6 FOR SILL ANCHOR CAPACITY.

LOWER DESIGN PRESSURES FROM DESIGN LOAD CHART, HEAD ANCHOR CHART OR SILL ANCHOR CHART WILL APPLY TO ENTIRE SYSTEM.

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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COMP–ANL\W13–07ESW

SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638–5158 FAX. (305) 638–5151

revisions:

no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03-17-13
scale: –
dr. by: TARIQ
chk. by:

drawing no. W13–07

sheet 5 of 16

HEAD ANCHOR LOAD CAPACITY – PSF
(DOORS WITH HEAD RECEPTOR)
(APPLICABLE TO SHEET 3 ELEV. & SHEET 11 DETAIL)

ANCHOR TYPE		ANCHOR TYPE 'AAA'	
SHIM SPACE		1/4" MAX. SHIM	
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	8 ANCHORS AT MTG. STILE ENDS EXT. (+) INT. (–)	10 ANCHORS AT MTG. STILE ENDS EXT. (+) INT. (–)
36	82	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	84	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	90	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	96	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	102	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		85.0	85.0
36	108	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		85.0	85.0
60		85.0	85.0
36	114	135.0	135.0
42		135.0	135.0
48		134.0	135.0
54		85.0	85.0
60		85.0	85.0
36	120	135.0	135.0
42		135.0	135.0
48		126.0	135.0
54		85.0	85.0
60		85.0	85.0
		4 ANCHORS AT FREE STANDING JAMB ENDS	5 ANCHORS AT FREE STANDING JAMB ENDS

SILL ANCHOR LOAD CAPACITY – PSF
(APPLICABLE TO DOORS WITH OR W/O HEAD RECEPTOR)

ANCHOR TYPE		ANCHOR TYPE 'BB'	
SHIM SPACE		1/4" MAX. SHIM	
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS EXT. (+) INT. (–)	7 ANCHORS AT MTG. STILE ENDS EXT. (+) INT. (–)
36	82	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	84	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	90	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	96	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		108.0	108.0
36	102	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		120.0	120.0
60		85.0	85.0
36	108	135.0	135.0
42		135.0	135.0
48		135.0	135.0
54		85.0	85.0
60		85.0	85.0
36	114	135.0	135.0
42		135.0	135.0
48		132.8	135.0
54		85.0	85.0
60		85.0	85.0
36	120	135.0	135.0
42		135.0	135.0
48		124.5	135.0
54		85.0	85.0
60		85.0	85.0
		3 ANCHORS AT FREE STANDING JAMB ENDS	4 ANCHORS AT FREE STANDING JAMB ENDS

CHARTS ABOVE SHOWS FRAME HEIGHTS FOR DOORS WITHOUT HEAD RECEPTOR.
FOR DOORS WITH HEAD RECEPTORS OVERALL HEIGHT = DOOR FRAME HT. FROM CHART + 1–3/4".
LIMIT ALL EXTERIOR LOADS TO +120.0 PSF MAX.

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami–Dade Product Control

SEE CHART ON SHEET 4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCING TYPES.

SEE CHART LEFT FOR HEAD ANCHOR CAPACITY.
SEE CHART RIGHT FOR SILL ANCHOR CAPACITY.

LOWER DESIGN PRESSURES FROM DESIGN LOAD CHART, HEAD ANCHOR CHART OR SILL ANCHOR CHART WILL APPLY TO ENTIRE SYSTEM.

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 353B)
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP–ANL\W13–07ESW

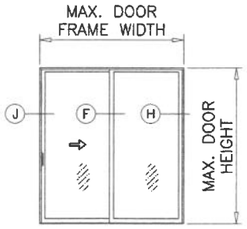
SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638–5158 FAX. (305) 638–5151

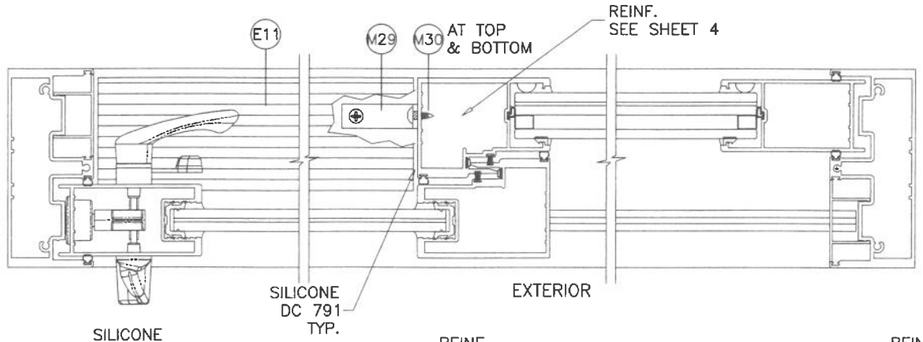
revisions:			
no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
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G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03–17–13
scale: –
dr. by: TARIQ
chk. by:

drawing no. W13–07

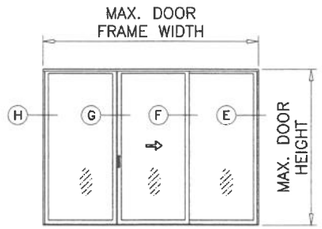


XO (SHOWN)
OX

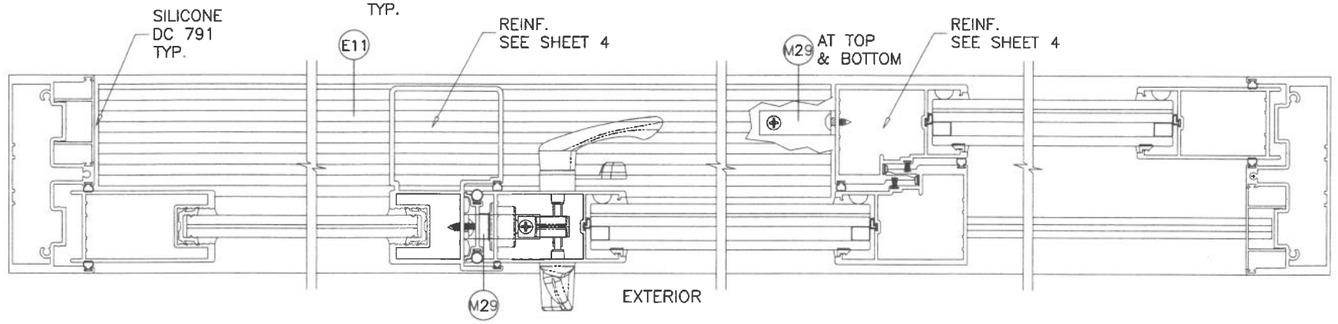


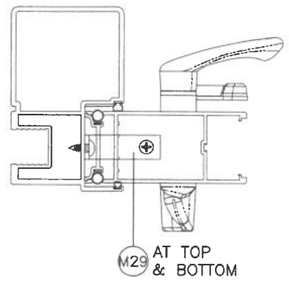
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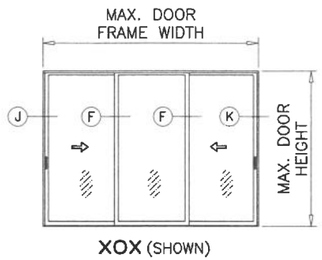
1. OPERABLE PANEL TO BE ON EXTERIOR TRACKS WITH SAFEGUARD.
2. CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY.
3. FOR APPLICABLE DESIGN PRESSURES AND REINFORCEMENTS REQUIREMENTS SEE SHEET 4.
4. FOR ANCHOR DETAILS SEE SHEETS 9 THRU 13.



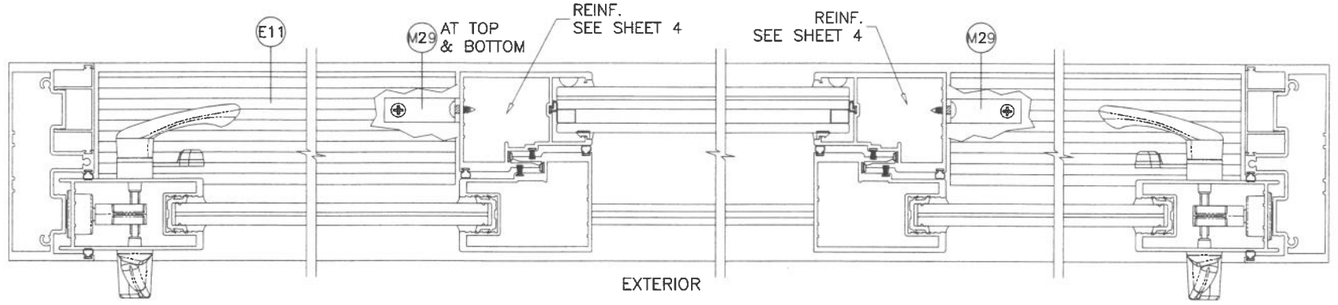
OXO (SHOWN)





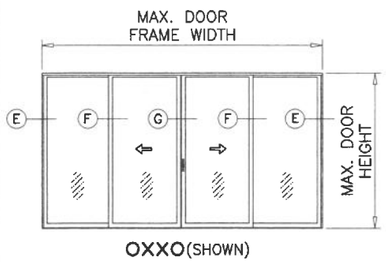


XOX (SHOWN)

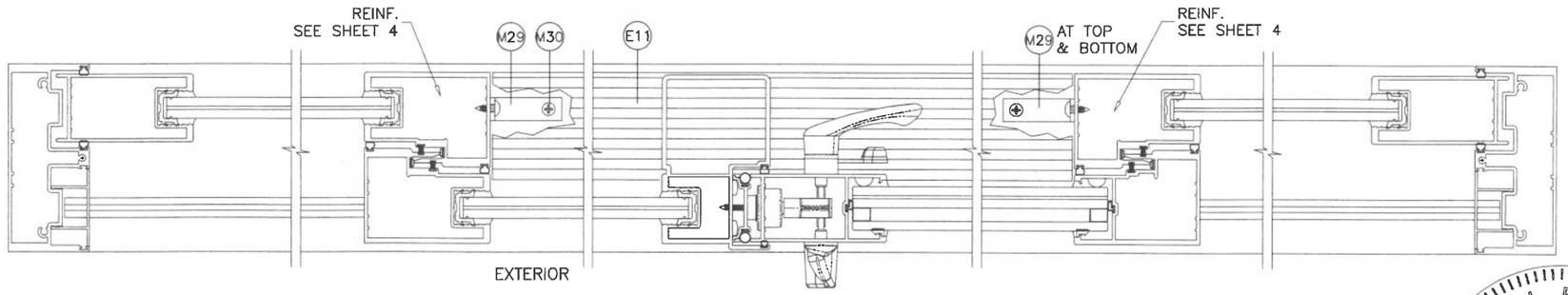


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NOA-No. 26-0924.15
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Miami-Dade Product Control

FOR UNANCHORED JAMBS USE ES-6500-004 ONLY



OXXO(SHOWN)



APPROVED CONFIGURATIONS

MAX. 4 PANELS OR LESS
MAX. FRAME AREA NOT TO EXCEED 200 SQ. FT. (DOORS WITHOUT HEAD RECEPTORS)
MAX. FRAME AREA NOT TO EXCEED 162.33 SQ. FT. (DOORS WITH HEAD RECEPTORS)

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 61223 STATE OF FLORIDA PROFESSIONAL ENGINEER

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\W13-07ESW

SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

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scale: -
dr. by: TARIQ
chk. by:

drawing no. W13-07

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-6500-001	1	STANDARD FRAME HEAD	6063-T6	--
E2	ES-6500-002	1	FRAME SILL	6063-T6	--
E3	ES-6500-003	2	STANDARD FRAME JAMB	6063-T6	LIMIT MAX. LOADS TO ±85 PSF
E4	ES-6500-004	2	HEAVY DUTY FRAME JAMB	6063-T6	--
E5	ES-6500-005	2/ PANEL	TOP AND BOTTOM RAIL (INSUL. LAM. GLASS)	6063-T6	--
E6	ES-6500-006	1/ PANEL	LOCK STILE (INSUL. LAM. GLASS)	6063-T6	--
E7	ES-6500-007	1/ PANEL	INTERLOCK STILE (INSUL. LAM. GLASS)	6005-T5	--
E8	ES-6500-008	1	ASTRAGAL STILE (INSUL. LAM. GLASS)	6005-T5	--
E9	ES-6500-009	1	ASTRAGAL ADAPTER	6063-T6	--
E10	ES-6500-010	1	ADD-ON TRACK	6063-T6	--
E11	ES-6500-011	1	THRESHOLD (LENGTH = OPNG. WIDTH BETWEEN FIXED PANELS)	6063-T6	--
E12	ES-6500-012	2	SNAP-IN JAMB COVER (OPTIONAL)	6063-T5	--
E13	ES-6500-013	1	TRACK INSERT	6063-T6	--
E14	ES-6500-014A	--	RETAINER CLIP, 4" LONG	6063-T6	--
E15	ES-6500-015	AS REQD.	SCREEN RAIL	6063-T6	--
E16	ES-6500-016	AS REQD.	ASTRAGAL REINFORCEMENT, FULL PANEL LENGTH	6005-T5	--
E17	ES-6500-017	AS REQD.	INTERLOCK REINFORCEMENT, FULL PANEL LENGTH	6005-T5	--
E18	ES-6500-018	AS REQD.	HEAD COVER (OPTIONAL)	6063-T5	--
E22	ES-6011	AS REQD.	SCREW COVER (OPTIONAL)	6063-T6	--
E24	ES-6500-019	1	HEAD RECEPTOR	6063-T6	--
E25	ES-6500-020	1	RECEPTOR REINFORCEMENT, FULL LENGTH	6005-T5	--
E26	ES-6500-021	1	FRAME HEAD AT RECEPTOR	6005-T5	--
E27	ES-6500-023	1/ PANEL	LOCK STILE (LAM. GLASS)	6063-T6	--
E28	ES-6500-024	2/ PANEL	TOP AND BOTTOM RAIL (LAM. GLASS)	6063-T6	--
E29	ES-6500-025	1/ PANEL	INTERLOCK STILE (LAM. GLASS)	6005-T5	--
E30	ES-6500-027	1	SILL SCREW COVER	6063-T5	--
E31	ES-6500-026	1	ASTRAGAL STILE (LAM. GLASS)	6005-T5	--
E32	ES-6500-033	2	FIXED PANEL BOTTOM GUIDE	6005-T5	--
M1	#12 X 1 1/2"	3/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	P.H. SMS
M2	#10 X 1 1/4"	4/ CORNER	PANEL ASSEMBLY SCREWS	ST. STEEL	P.H. SMS
M3	#8 X 1"	2/ LOCK	LOCK FASTENERS	ST. STEEL	F.H. SMS
M4	#8 X 3/4"	2/ HANDLE	HANDLE SET FASTENERS	ST. STEEL	P.H. SMS
M6	#10 X 1/2"	2/ CLIP	RETAINER CLIP FASTENERS	ST. STEEL	F.H. SMS
M7	ES-6500-G01A	4/ PANEL	GLAZING GASKET (LAM. GLASS)	SILICONE	DUROMETER 65±5 SHORE A, EXTRUSIONES S.A.
M8	E-214	AS REQD.	ASTRAGAL ADAPTER W'STRIPPING	VINYL	THERMOPLASTIC ELASTOMER
M10	ES-8011	AS REQD.	SPACER GASKET	EPDM	DUROMETER 80±5 SHORE A, EXTRUSIONES S.A.
M11	27-445	AS REQD.	GLAZING WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
M12	27-448	AS REQD.	BOTTOM RAIL GLAZING GASKET	EPDM	DUROMETER 68±5 SHORE A, SOLUCIONESENCAUCHO
M13	27-449	AS REQD.	GLAZING GASKET AT TOP RAIL AND STILES	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONESENCAUCHO
M16	1/4" X 1/2"	AS REQD.	GLAZING TAPE (INSUL. LAM. GLASS)	FOAM	--
M17	Q300T190	AS REQD.	FABRIC COATED FOAM WEATHERSEAL	POLYETHYLENE	Q-LONG
M18	Q200T190	AS REQD.	WEATHERSEAL EXTERIOR	POLYETHYLENE	Q-LONG
M19	Q150T270	AS REQD.	INTERLOCK BUMPER	POLYETHYLENE	Q-LONG
M20	W2230012K	AS REQD.	PILE W'STRIPPING	POLYPROPYLENE	--
M21	GTT-234/460-02-A	2/ PANEL	ROLLER	--	PABOSE
M22	PS01-1015-00B	1	MORTISE LOCK KEEPER	--	INTERLOCK
M23	PS01-0035-00B	1	TWO POINT 3-PLY HOOK LOCK	--	INTERLOCK
M24	PS01-0016-XXX	1/ MOV. PANEL	HANDLE SET	--	INTERLOCK
M26	52019	AS REQD.	THRESHOLD W'STRIPPING	--	AMESBURY
M27	ES-7000 G01	AS REQD.	SILL W'STRIPPING	SILICONE	DUROMETER 60±5 SHORE A
M29	ALU-A-027	--	FIX. PANEL ANGLE, 2" X 2" X 1/8" X 7/8" LONG	6063-T5	HEAD/SILL (FIXED PANEL)
M30	#14 X 1"	2/ CLIP	FIX. PANEL ANGLE FASTENERS	--	HWH SMS
M31	ES-5008	AS REQD.	BULB W'STRIPPING	EPDM	DUROMETER 70 SHORE A
M32	ES-6500-S01	--	1/4" SPACER FOR JAMB	NYLON	--
M33	ES-6500-S02	--	1/2" SPACER FOR ASTRAGAL	NYLON	--
M35	P6304 AFK	--	ADHESIVE PILE PAD (4" X 1" X 1/2")	--	ULTRAFAB
M38	W73341NK000B	AS REQD.	THRESHOLD WEATHERSEAL	PILE	--
M39	ES-6500-301	AS REQD.	BOTTOM SPACER	POLYPROPYLENE	--

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Miami-Dade Product Control

SEP 2 3 2026

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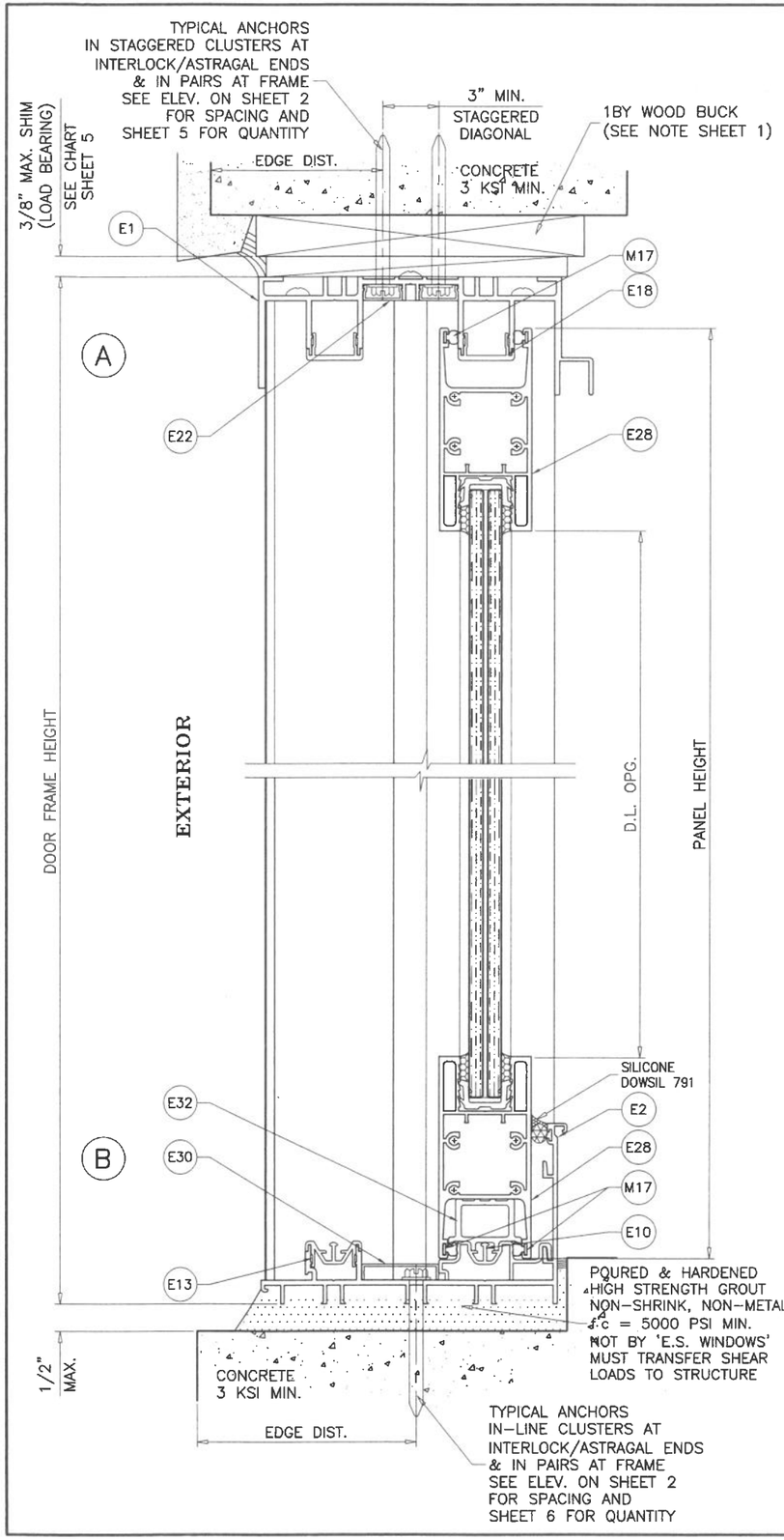
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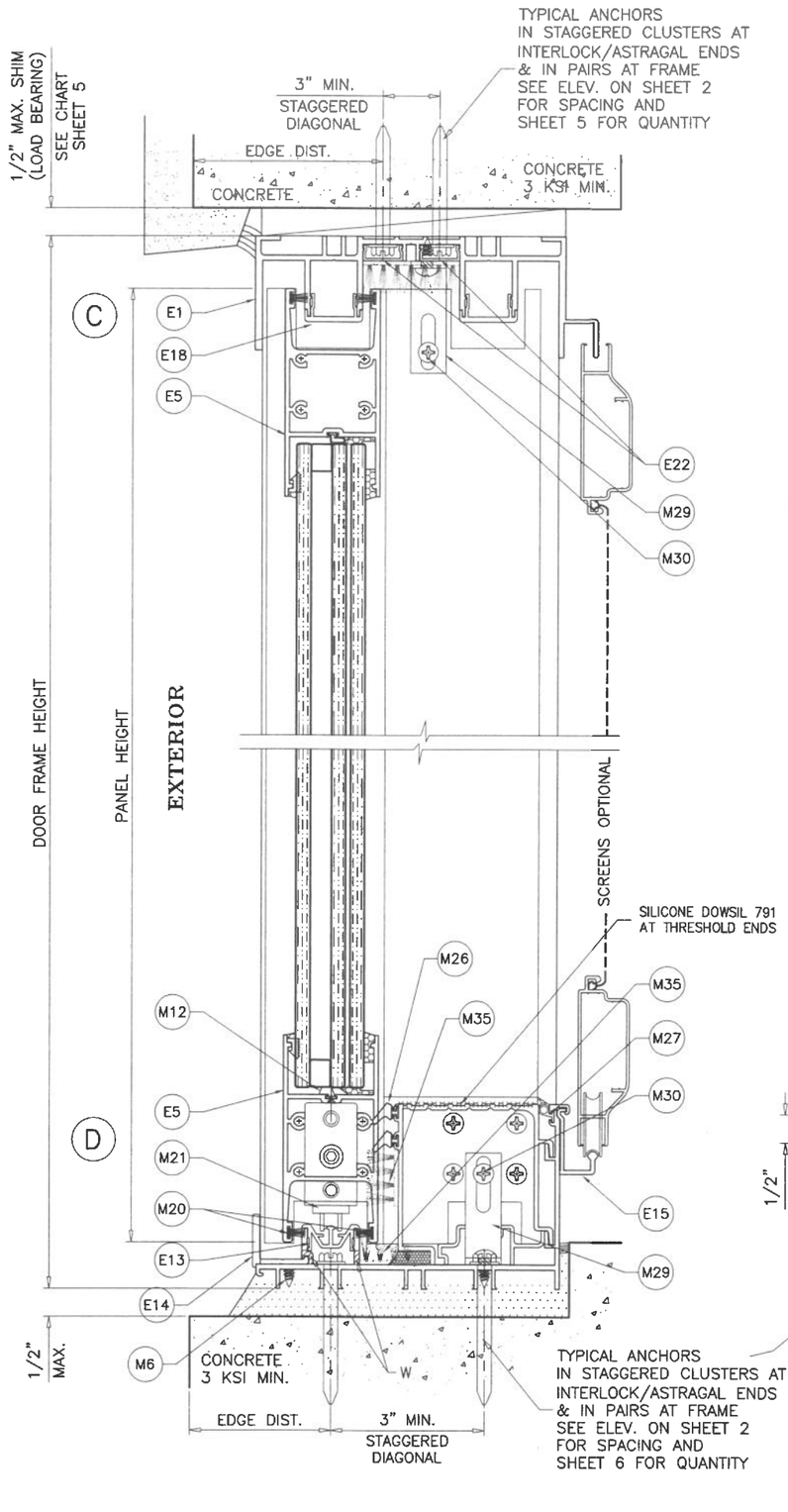
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chk. by:

drawing no. W13-07

sheet 8 of 16





UNITS WITHOUT HEAD RECEPTORS

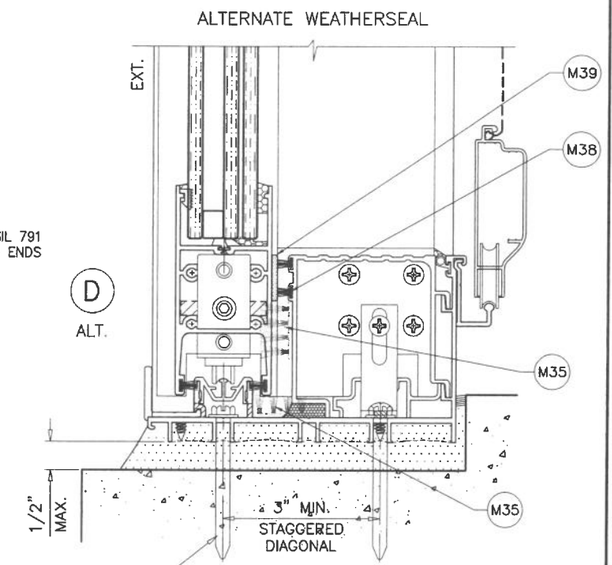
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SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.

WEEPHOLES:

W = 1/4" X 3" LONG WEEP HOLES AT 4 1/2" FROM EACH END.



SEP 2 3 2026

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chk. by:

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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'E.S. WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD (FOR DOORS WITHOUT HEAD RECEPTOR)

TYPE 'AA'– 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
INTO WOOD STRUCTURES
1–7/8" MIN. PENETRATION INTO WOOD

THRU 1BY OR 2BY BUCKS INTO CONCRETE
1–1/2" MIN. EMBED INTO CONCRETE

TYPE 'BB'– 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1–1/2" MIN. EMBED

TYPE 'C'– 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

TYPE 'CC'– 5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI–DADE COUNTY APPROVED MULLIONS
(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)
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)

AT SILL (FOR DOORS W/WO HEAD RECEPTOR

TYPE 'BB'– 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1–1/2" MIN. EMBED

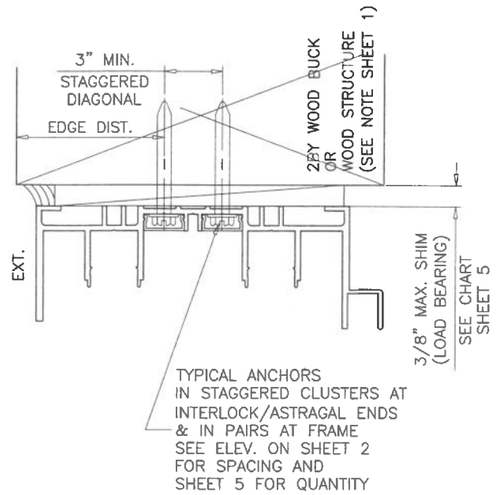
AT JAMBS (FOR DOORS W/WO HEAD RECEPTOR)

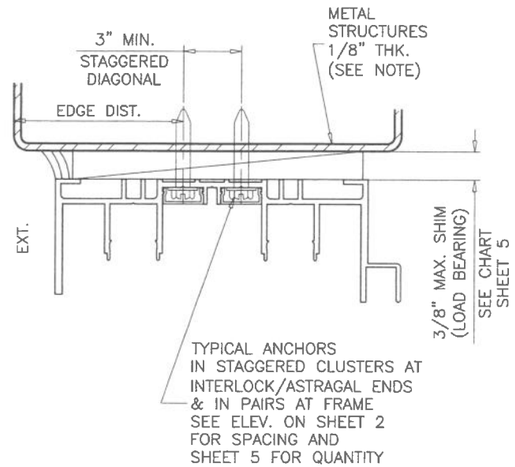
5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1–1/2" MIN. PENETRATION INTO WOOD

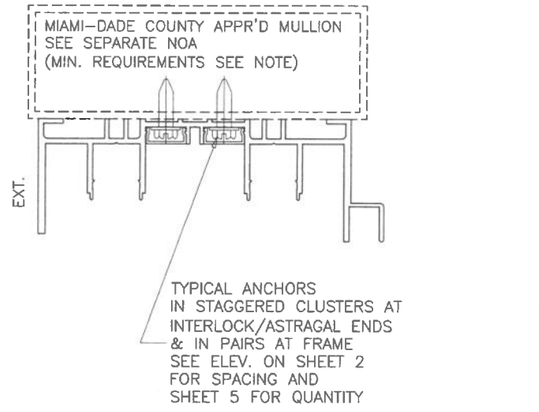
THRU 1BY BUCKS INTO CONCRETE OR BLOCKS
1–1/4" MIN. EMBED INTO CONCRETE OR BLOCKS

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1–1/2" MIN. EMBED

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI–DADE COUNTY APPROVED MULLIONS
(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)
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)







ALTERNATE SUBSTRATES UNITS WITHOUT HEAD RECEPTORS
SEE SHEET 11 FOR UNITS WITH HEAD RECEPTORS

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Miami–Dade Product Control

SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2–1/2" MIN.
INTO BLOCKS = 3–1/8" MIN.
INTO WOOD STRUCTURE = 1–1/4" 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.

afc
AL-FAROOQ CORPORATION
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SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

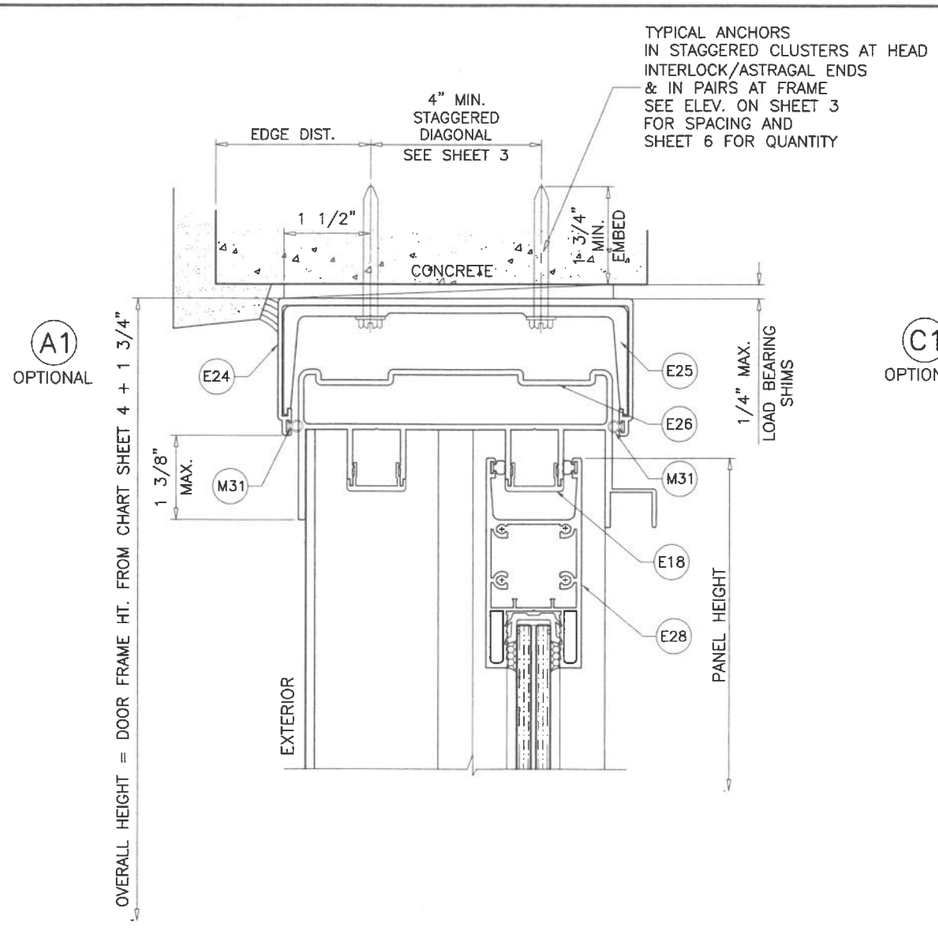
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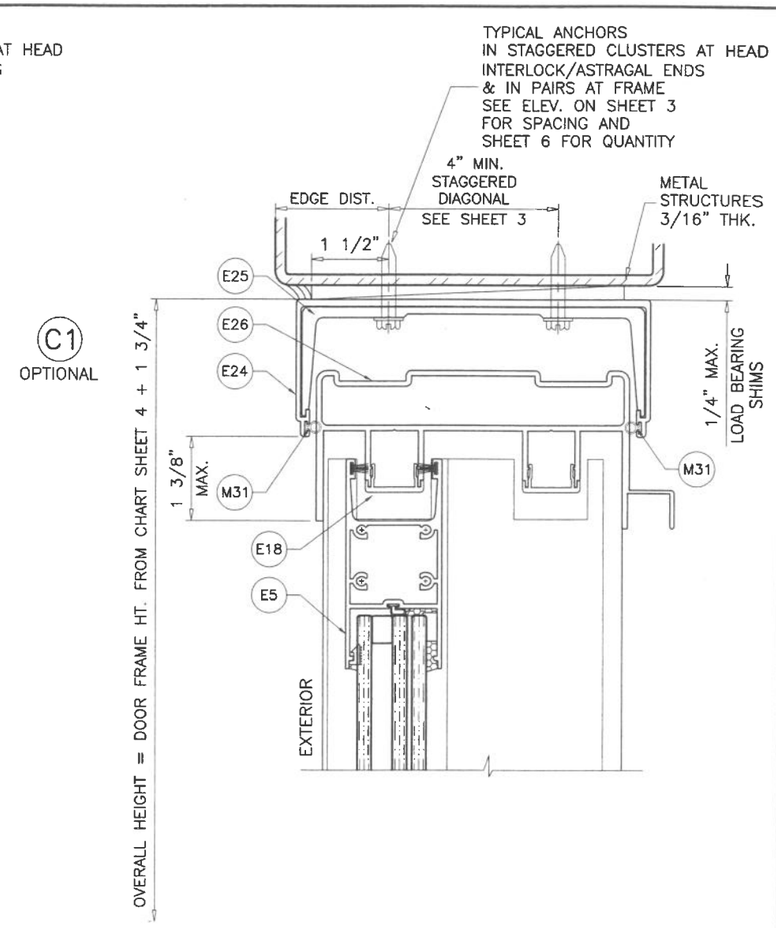
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dr. by: TARIQ
chk. by:

drawing no. W13–07





TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD (FOR DOORS WITH RECEPTOR)

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

1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI–DADE COUNTY APPROVED MULLIONS
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 3/16" THK. MIN. (6063–T5 MIN.)
STEEL: 3/16" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
OR
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 3/16" THK. MIN. (6063–T5 MIN.)
STEEL: 3/16" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

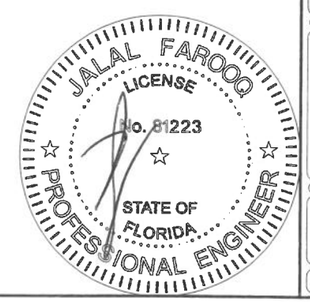
ANCHOR EDGE DISTANCES
INTO CONCRETE = 2–3/16" MIN.
INTO METAL STRUCTURE = 1–1/2" MIN.
CONCRETE AT HEAD/SILL f'c = 3000 PSI MIN.

UNITS WITH HEAD RECEPTORS

HEAD RECEPTOR MOUNT SHOWN, SEE DETAIL IN SHEET 3
AND ANCHOR CAPACITY CHART IN SHEET 6

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami–Dade Product Control

SEP 2 3 2026



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\W13–07ESW

SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

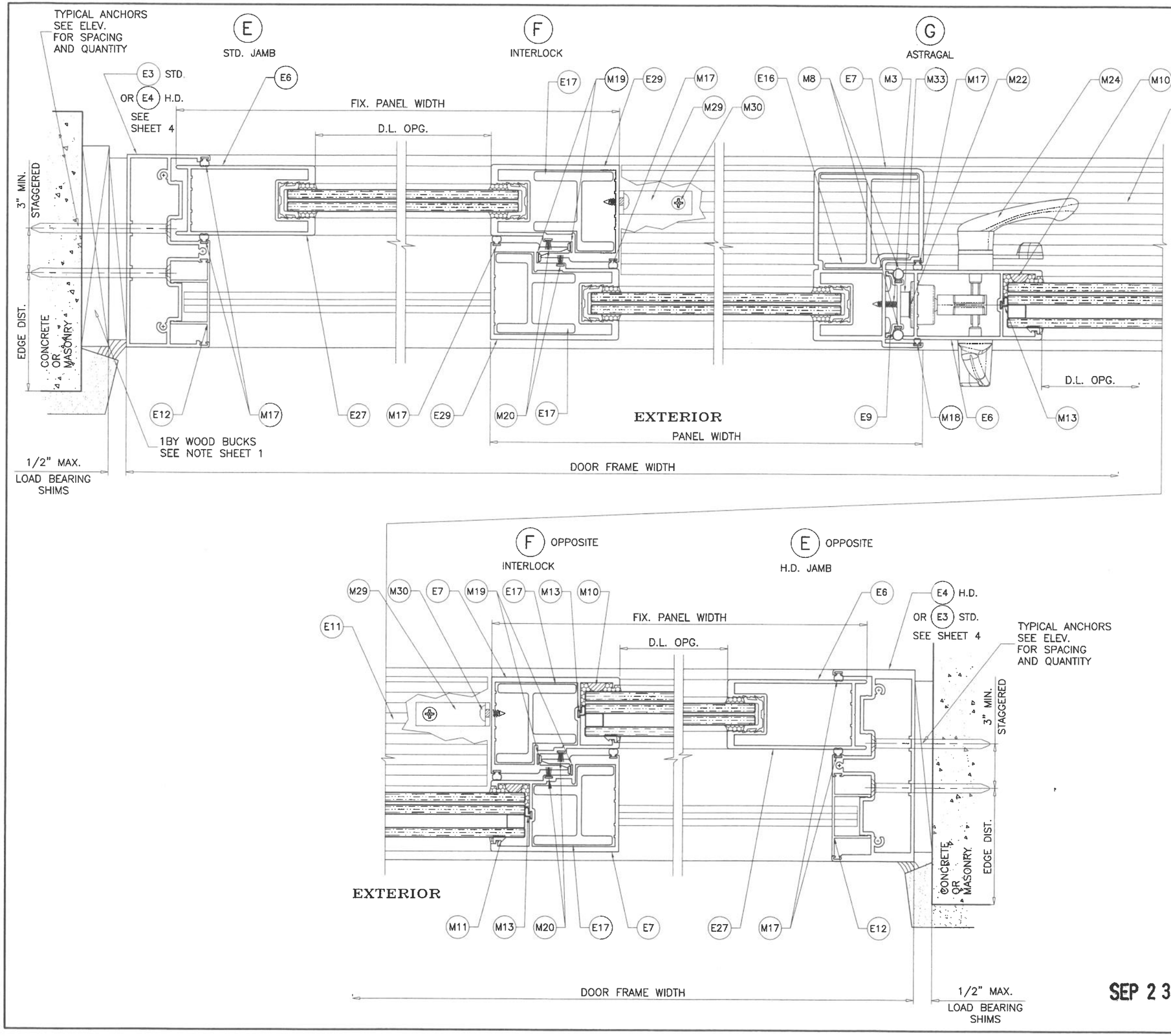
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638–5151 FAX. (305) 638–5158

revisions:			
no	date	by	description
E	05.09.18		REV. PER RER COMMENTS
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03–17–13
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W13–07

sheet 11 of 16



PRODUCT REVISED
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SEP 2 3 2026

JALAL FAROOQ LICENSE No. 81223 STATE OF FLORIDA PROFESSIONAL ENGINEER

afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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COMP-ANL\W13-07ESW

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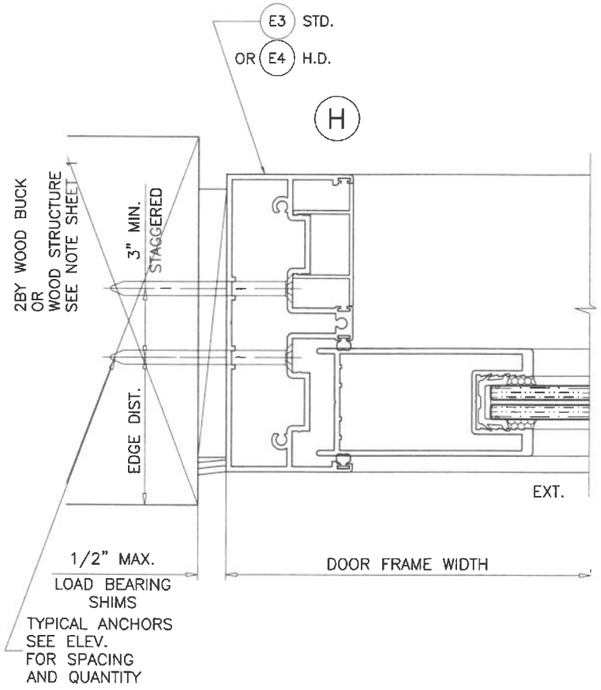
E.S. WINDOWS, LLC
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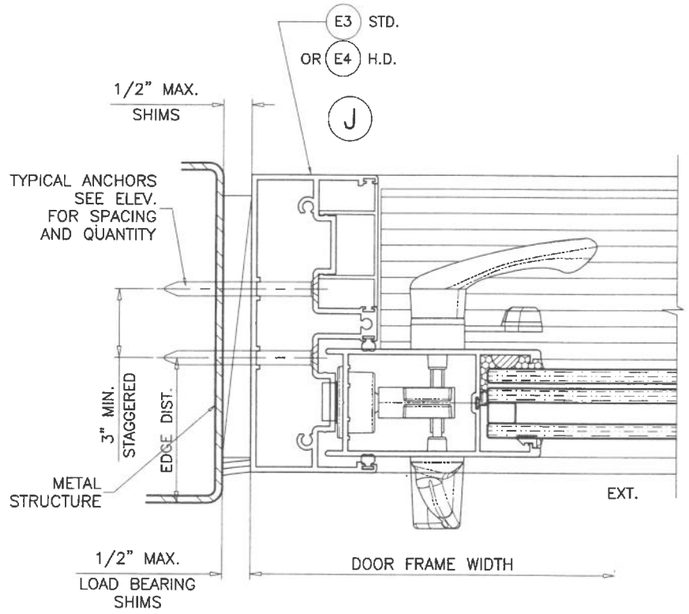
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date: 03-17-13
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dr. by: TARIQ
chk. by:

drawing no. W13-07

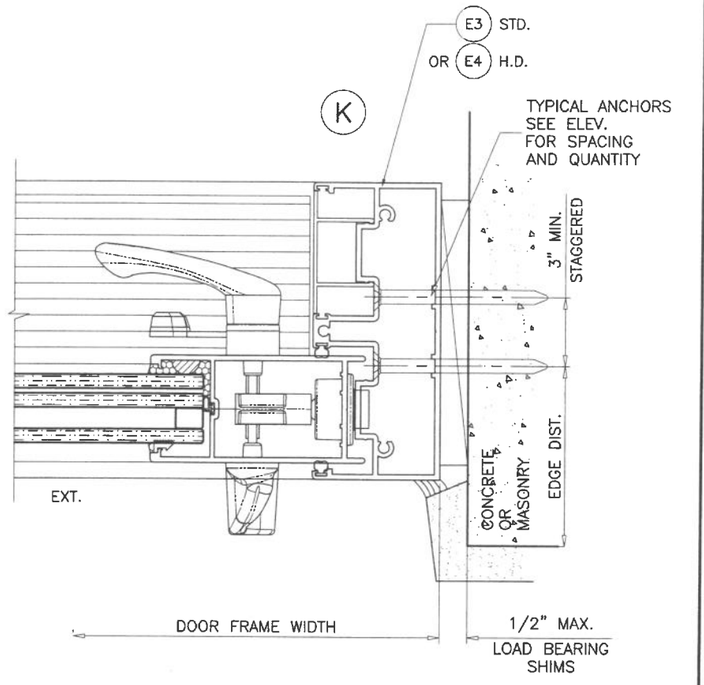
sheet 12 of 16





FIXED PANEL:
SEE HEAD/SILL CLIP ANGLE DETAIL ON SHEET 7 & 9

PRODUCT REVISED
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SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

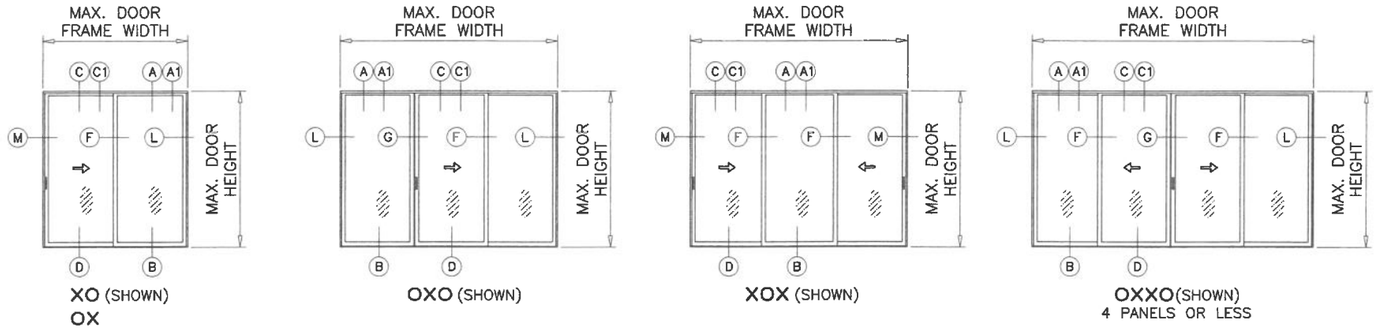
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chk. by:

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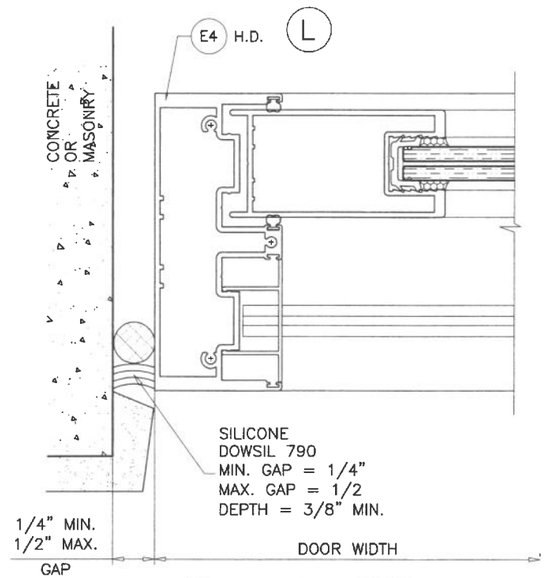
ANCHORS AT HEAD/SILL AND FREE JAMB ENDS
SEE ELEVATIONS ON SHEETS 2 & 3
(APPLICABLE TO ALL SIZES ON SHEET 4 AND CONFIGURATIONS ABOVE)
MAX. FRAME AREA NOT TO EXCEED 200 SQ. FT. (DOORS W/O HEAD RECEPTORS)
MAX. AREA NOT TO EXCEED 162.33 SQ. FT. (DOORS WITH HEAD RECEPTORS)

DOWSIL 790 = 100% STRETCH

ALLOWABLE LOADS FOR DOOR HEIGHTS VERSUS 100% STRETCH SILICONES		
	1/4" MIN. GAP	3/8" MIN. GAP
DOOR HEIGHT	100%	100%
96"	135 PSF	135 PSF
108"	135 PSF	135 PSF
120"	–	135 PSF
MAXIMUM GAP = 1/2" ALL CASES		

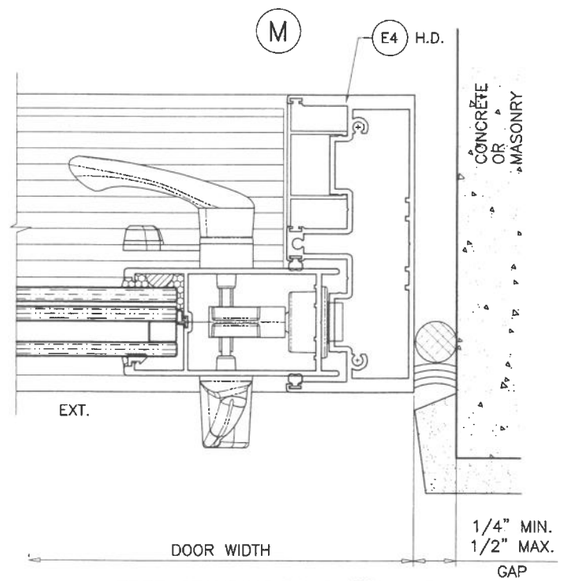
CHART APPLICABLE TO ALL SIZES, LOAD CAPACITIES AND CONFIGURATIONS AS SHOWN ON SHEETS 4, 5, 6 AND 7.

NOTE:
DATA IN THIS SHEET MAY BE USED TO QUALIFY SEALANT TO BE USED AT UNANCHORED JAMBS.
PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & DOOR MATERIAL FINISH AND COMPLIANCE FOR WARRANTY. (UNDER SEPARATE REVIEW)



FREE STANDING H. DUTY JAMB
FIXED SIDE

Ix IN^4	Sx IN^3
8.895	3.387



FREE STANDING H. DUTY JAMB
OPERABLE SIDE

FIXED PANEL:
SEE HEAD/SILL CLIP ANGLE DETAIL ON SHEET 7 & 9

SEP 2 3 2026

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COMP–ANL\W13–07ESW

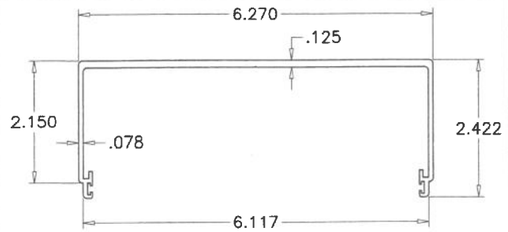
SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

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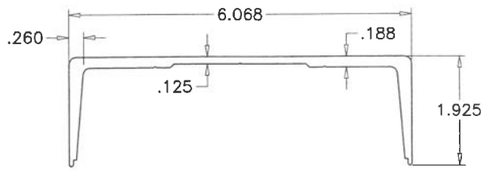
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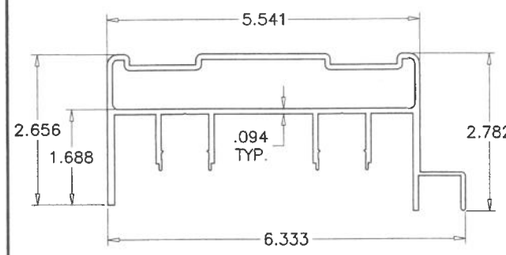
drawing no.
W13–07



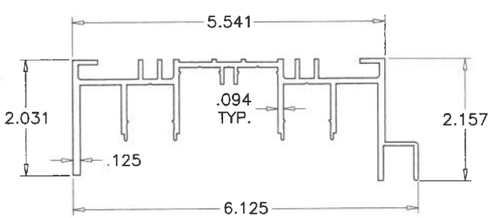
E24 HEAD RECEPTOR



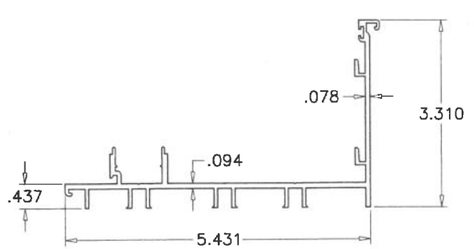
E25 RECEPTOR STIFFENER



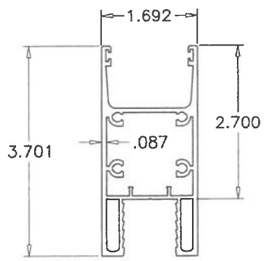
E26 FRAME HEAD AT RECEPTOR



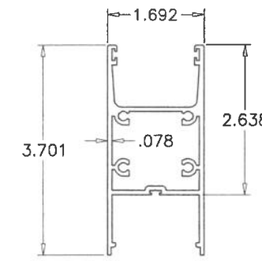
E1 STANDARD FRAME HEAD
(WITHOUT HEAD RECEPTOR)



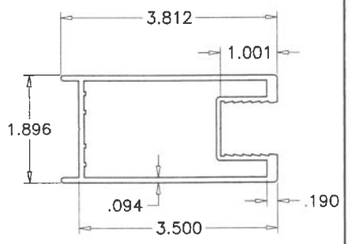
E2 FRAME SILL



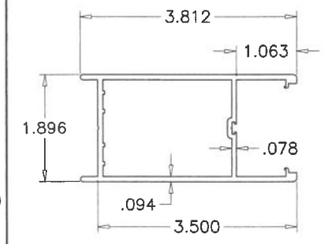
E28 PANEL TOP & BOTTM RAIL
(LAM. GLASS)



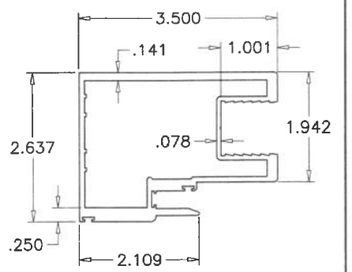
E5 PANEL TOP & BOTTM RAIL
(INSUL. LAM. GLASS)



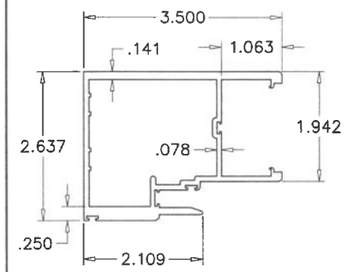
E27 PANEL LOCK STILE
(LAM. GLASS)



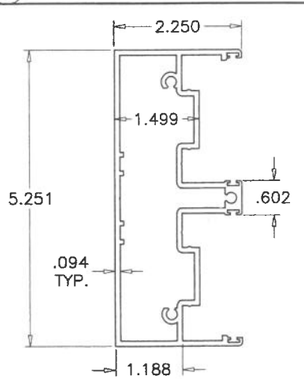
E6 PANEL LOCK STILE
(INSUL. LAM. GLASS)



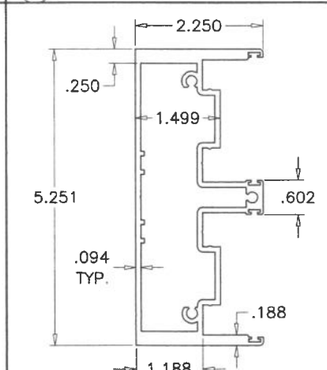
E29 PANEL INTERLOCK
(LAM. GLASS)



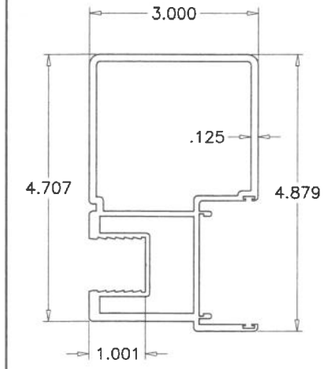
E7 PANEL INTERLOCK
(INSUL. LAM. GLASS)



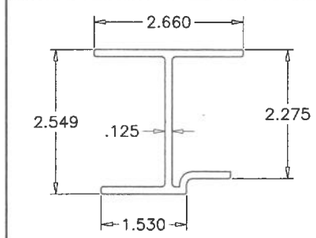
E3 STD. FRAME JAMB
LIMIT MAX. LOADS ±85 PSF



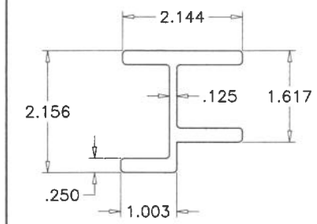
E4 H.D. FRAME JAMB



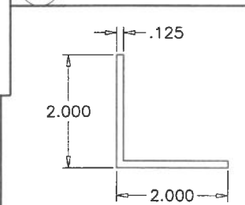
E31 ASTRAGAL
(LAM. GLASS)



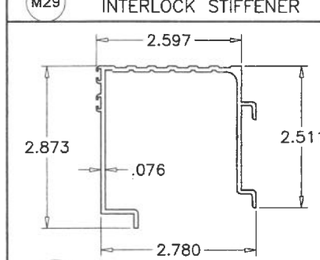
E16 ASTRAGAL STIFFENER



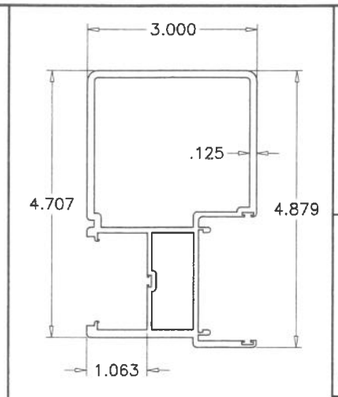
E17 INTERLOCK STIFFENER



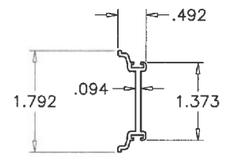
M29 INTERLOCK STIFFENER



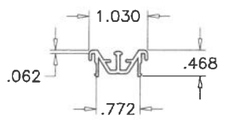
E11 THRESHOLD



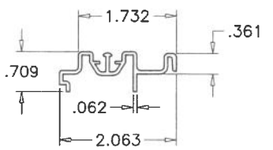
E8 ASTRAGAL
(INSUL. LAM. GLASS)



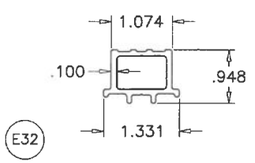
E9 ASTRAGAL ADAPTER



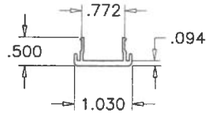
E13 TRACK INSERT



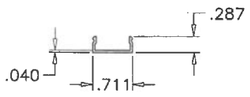
E10 ADD-ON TRACK



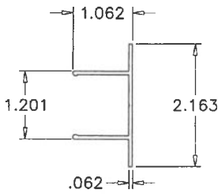
E32 FIX. PANEL BOTTOM GUIDE



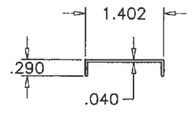
E18 HEAD COVER



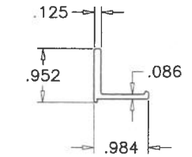
E22 SCREW COVER



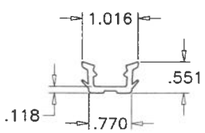
E12 JAMB COVER



E30 SILL SCREW COVER



E14 RETAINER CLIP



M7 GLAZING GASKET

PRODUCT REVISED
as complying with the Florida Building Code
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Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami-Dade Product Control

SEP 2 3 2026

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COMP-ANL\W13-07ESW

SERIES ES-6500 ALUM SLIDING GLASS DOOR (L.M.I.)

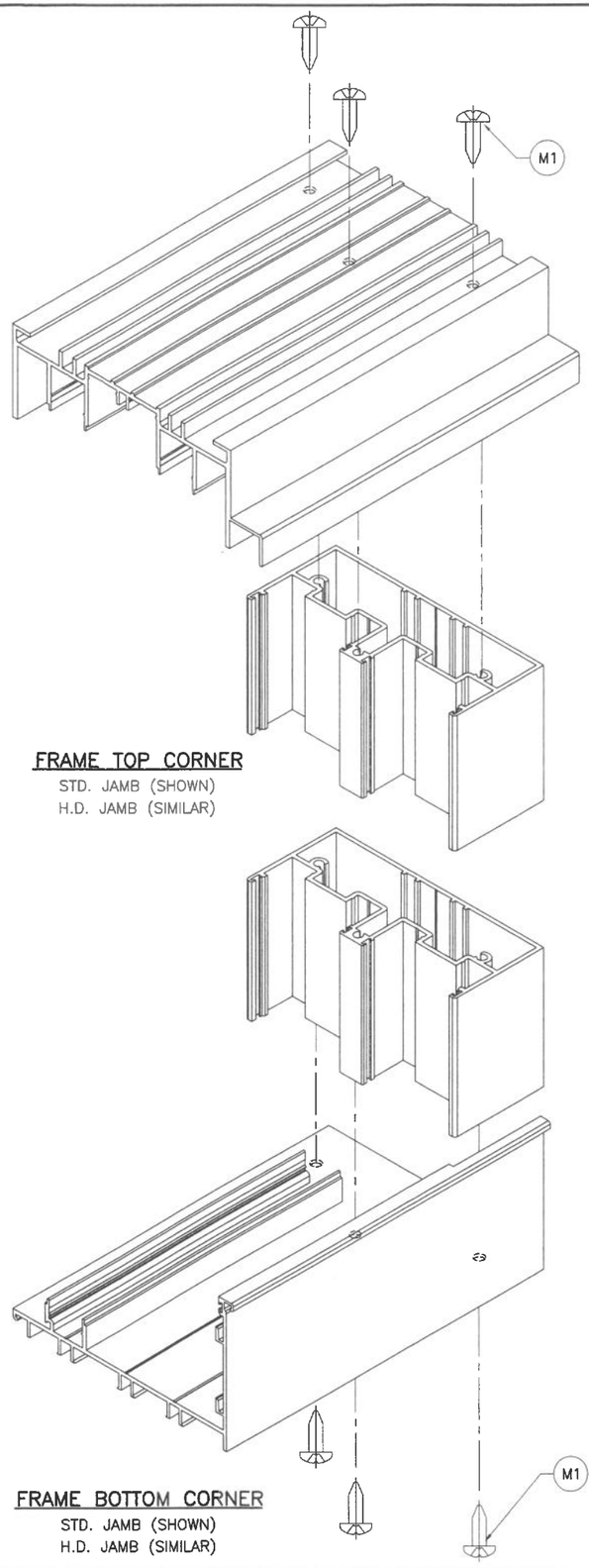
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dr. by: TARIQ
chk. by:

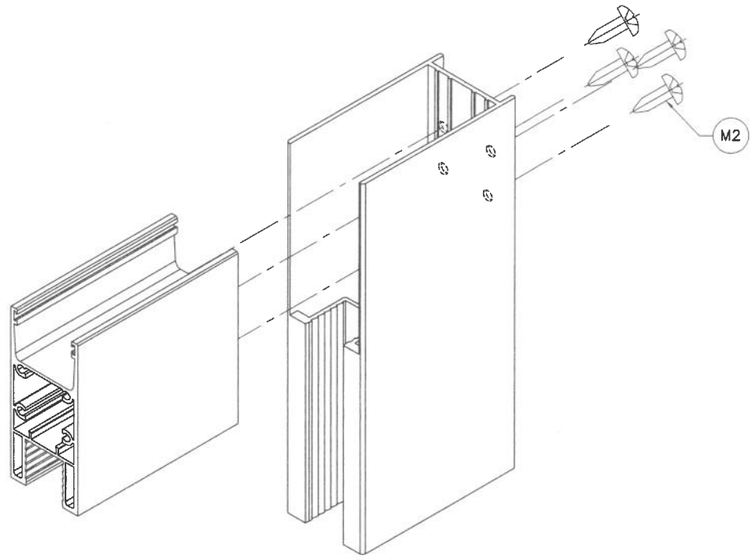
drawing no. W13-07

sheet 15 of 16



FRAME TOP CORNER
STD. JAMB (SHOWN)
H.D. JAMB (SIMILAR)

FRAME BOTTOM CORNER
STD. JAMB (SHOWN)
H.D. JAMB (SIMILAR)



PANEL TOP/BOTTOM CORNER
LAM. GLASS RAIL & STILE (SHOWN)
INSUL. LAM. GLASS RAIL & STILE (SIMILAR)

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 26-0924.15
Expiration Date 09/19/2028
By Ishaq I. Chanda
Miami–Dade Product Control

SEP 2 3 2026

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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\W13–07ESW

SERIES ES–6500 ALUM SLIDING GLASS DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638–5151 FAX. (305) 638–5158

revisions:

no	date	by	description
E	05.09.18		NO CHANGE THIS SHEET
F	11.05.20		UPDATED TO 2020 FBC
G	09.12.23		NO CHANGE THIS SHEET
H	09.21.26		NO CHANGE THIS SHEET

date: 03–17–13
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W13–07