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BLC2025-0557

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Chronology (8)

Conditions (1)

Reviews(15)

Type: BUILDING COMMERCIAL

Subtype: SHOPS INTERIOR ALTERATION

Scope of Work: SCANLAN THEODORE - 1ST BUILDOUT
(EXPANSION)

Status: ISSUED

Applied Date: 5/28/2025

Approved Date: 3/31/2026

Issued Date: 4/1/2026

Finaled Date:

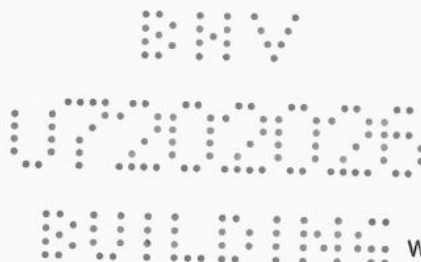
Expiration Date: 9/28/2026

Linked Activities:

Permit(s)

SBL2026-0802	BUILDING SUB PERMIT	ON REVIEW
SEL2026-0730	ELECTRICAL SUB PERMIT	ISSUED
REV2026-0732	REVISION	FINALED
NSI2026-0706	NON ELECTRICAL SIGN	ISSUED
SME2026-0606	MECHANICAL SUB PERMIT	DENIED PENDING MDC
SPL2026-0598	PLUMBING SUB PERMIT	ISSUED
SBL2026-0564	BUILDING SUB PERMIT	REQUIRED
SME2026-0514	MECHANICAL SUB PERMIT	ISSUED
SEL2026-0035	ELECTRICAL SUB PERMIT	ISSUED

Bal Harbour Village makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use, or its interpretation. Utilization of this website indicates understanding and acceptance of this statement.



EST-000842
ACCEPTED

Signature Impact Windows & Doors
8344 NW 30th Terrace
Miami Florida 33122

To
Wellbuilt Company

Estimate Date: 09/03/2025
Expiry Date: 09/10/2025
Reference #: 9700 collins
Sale Agent: Jennifer Avila
Project: EST-000842

#	Item	Qty	Rate	Tax	Amount
1	Material & Install Brand: ESW Frame Color: Bronze Glass Color: Clear	1	11,000.00	0%	11,000.00

VERY IMPORTANT

Please Confirm Frame Color Glass Color And Operation Of All Openings On The Detailed Product List Attached | By Signing This Estimate You Are Approving All The Items Listed On The Manufacturer's Detailed Product List | All Sales Are Final & Cannot Be Changed or Canceled | Manufacturer Lead Times Vary & Can Change Without Notice | Signature Impact Windows & Doors Is Not Responsible For Manufacturer Lead Times | Material Will Be Delivered To The Jobsite Upon Arrival And Inspection To Our Receiving Facility | Stored Material Will Incur A Weekly Storage Fee Of \$250 ***PLEASE MAKE SURE YOU FULLY UNDERSTAND WHAT IS LISTED IN THE DETAILED PRODUCT LIST BEFORE SIGNING. ALL SALES ARE FINAL AND CANNOT BE CHANGED OR CANCELED.

Project Manager Site Visit & Final Measurements | Remove & Discard Old Windows & Doors | Install New Windows & Doors | Structural Repairs, Wood Bucks & Door Trimmings/Moldings Are Not Included If Needed | Removal Of Bars & Shutters Is Not Included | Install Is Only For The Items Listed In The Manufacturer's Detailed Product List | Rental Equipment Needed To Facilitate Delivery & Install Is Not Included If Needed Unless Listed On Separate Line Item | In Some Cases Stucco, Drywall, Tile & Flooring Must Be Cut or Removed To Install New Window & Doors Up To Code | Signature Will NOT Be Responsible For Any Damage Caused During Install By Accepting This Estimate You Agree With The Additional Cost Below If Needed. Wood Bucks: \$100 Per Window | \$150 Per Door | Standard 3 1/2"

#	Item	Qty	Rate	Tax	Amount
	Interior Door Trimming/Molding: \$450 Single Door \$600 Double Door Shutter & Bar Removal \$150 Single Per Window & Door (Single Family Only & No Buildings) Stucco Repair Is Not Included With Removal Client Responsible For Disposal Of Bars & Shutters Shutter Removal For Apartments Will Be Addressed In A Case By Case Basis ***PLEASE MAKE SURE YOU FULLY UNDERSTAND THE SCOPE OF WORK BEFORE SIGNING. ALL SALES ARE FINAL AND CANNOT BE CANCELED.				

2	Commercial Shop Drawings & Permit Expediting Custom Shopdrawings By Licensed Engineer Prep Permit Package Meet With City Inspector On Buck & Anchor Inspections Only (Final Payment Is Due Upon Passing Buck & Anchor) Zoning - Fire - Final Will Be Passed By GC Should Municipality, HOA Or Inspector Require Any Changes Pricing Is Subject To Change \$1,000.00 Shopdrawing Revisions City Permit Fees Are Not Included Permit Fees Paid By Signature Impact Windows & Doors Will Be Reimbursed By Property Owner Permit Lead Times Vary & Can Change Without Notice Signature Impact Windows & Doors Is Not Responsible For City Permit Lead Times Municipalities May Request An Engineering Inspection Report Without Prior Notice This Is Not Included If Needed (Report: \$750.00) By Accepting This Estimate You Are Approving All The Items Listed Above	1	5,000.00	0%	5,000.00
---	--	---	----------	----	----------

Sub Total \$16,000.00
Total \$16,000.00

Terms & Conditions:

CONTRACT

This Contract (the "Contract") is entered into by and between the client listed above ("Client") and Signature Impact Windows & Doors, LLC ("Contractor") (collectively, the "Parties"), effective on the date of signing. This Contract constitutes the full, entire and complete agreement between the Parties, is supported by mutual consideration, the receipt and sufficiency of which is acknowledged, and is subject to following the terms and conditions.

1. Scope of Work. Contractor shall perform the scope of work (the "Work" or the "Scope of Work") delineated in the estimate previously provided to Client (Estimate No. listed above dated as listed above) (hereinafter, the "Estimate"), which is specially incorporated herein by reference. Unless specifically stated in the Estimate, the Scope of Work shall be limited to the furnishing and installation of the windows and/or doors (hereinafter, the "Materials") set forth in the Estimate and shall not include any demolition work, stucco work, stucco repair work, drywall repair work, reinstallation and/or removal work, concrete work, plastering work, tiling work, painting work, finishing work or any type of work or labor above and beyond the strict furnishing and installation of the windows and/or doors identified in the Estimate. If demolition work, stucco work, drywall repair work, replacement and/or removal, concrete work, plastering work, tiling work, painting work, finishing work or any other type of work or labor above and beyond the strict furnishing and installation of windows and/or doors is

BUY
STATIONERY
BUILDING

Handwritten signature

BY 07/20/2026 BUILDING

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN ☐ REJECTED ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	☐ RESUBMIT AS NOTED ☒ REVIEWED
These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.	
Reviewed by: <u>EV</u>	Date: <u>7/18/26</u>
YNCE CONSULTING ENGINEERS 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.569.9423 ; Fax: 305.969.9453	

SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.	
 MAKwork, Inc. 1251 SW 20th Street Miami FL 33145 T: 305 310 2602 E: alyssa.kriplen@makwork.com	BY: <u></u> DATE: <u>06/23/2026</u>



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

E.S. Windows, LLC
3550 NW 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 "ES-8000" Aluminum Window Wall System - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-60**, titled "Series 8000 Alum. Window Wall System (L.M.I.)", sheets 1, 1.1, 1.2, 2, 3, 3.1, 4, 4.1, 5, 5.1, 5.2, 6, 6.1, 6.2, 7, 7.1, 8, 9, 9.1, 10, 10.1, 11 and 12 of 12, dated 08/03/07, with revision **J** dated 03/11/24, 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

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.

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 NOA No. 23-0724.11** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

Number: **24-0321.07**
☒ NO EXCEPTION TAKEN
☐ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

SC: **24-0321.07**
☐ RESUBMIT AS NOTED
☒ REVOKED

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

Reviewed by: **EV** Date: **7/8/20**

YHGE CONSULTING ENGINEERS

33 NW 23th Avenue, Suite 3310, Miami, FL 33127 Tel: 305.999.9493 Fax: 305.999.9494

SHOP DRAWING/SUBMITTAL REVIEW

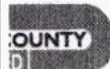
☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK GROUP, INC.
1261 SW 23th Street
Miami, FL 33135
T 305 510 2000
F 305 510 2000
E ayana.cupar@makgroup.com

BY:
DATE: **06/23/2026**



6/05/24

NOA No. 24-0321.07
Expiration Date: April 03, 2028
Approval Date: June 06, 2024
Page 1

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's
A. DRAWINGS

1. Manufacturer's die drawings and sections. *EV* Date: 7/8/26
(Submitted under NOA No. 15-0826.26)
2. Drawing No. **W07-60**, titled "Series 8000 Alum. Window Wall System (L.M.I.)", sheets 1, 1.1, 2, 3, 4, 4.1, 5, 5.1, 5.2, 6, 6.1, 6.2, 7, 7.1, 8, 9, 9.1, 10, 11 and 12 of 12, dated 08/03/07, with revision I dated 07/18/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 23-0724.11)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 and AAMA 1304-02
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 a Series ES-8000 MK-20-001, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-20-036A**, dated 12/18/20, signed and sealed by Michael D. Caldwell, P.E.
(Submitted under NOA No. 21-0517.02)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 and AAMA 1304-02
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 a Series ES-9000 aluminum outswing door, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-18-004**, dated 05/17/18, signed and sealed by Constantin Bortes, P.E.
(Submitted under NOA No. 19-1029.08)
3. 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) Drop Load Test, per ANSI Z97.1 (400 foot-pound impact)
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9605**, dated 08/16/17, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 18-0129.05)

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK MAKwork, Inc.
1251 SW 28th Street
Miami, FL 33148
T: 305.310.2802
E: info@makwork.com

DATE: 06/23/2026

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
B. TESTS (CONTINUED)

4. 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
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8372**, dated 03/24/16, signed and sealed by Idalmis Ortega, P.E.
(Submitted under NOA No. 17-0227.08)
5. 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) Drop Load Test, per CPSC 16 CFR 1201 (400 foot-pound impact)
along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5447**, dated 12/19/07, signed and sealed by Michael R. Wenzel, P.E.
(Submitted under NOA No. 08-0204.06)

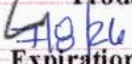
C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), dated 08/30/17 and 09/12/18, and further updated to comply with FBC 7th Edition (2020), prepared by Al-Farooq Corporation, dated 11/16/20 and 05/07/21, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0517.02)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
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MAKwork, Inc. 1201 SW 20th Street Miami, FL 33145 T: 305.519.2802 E: alyssa.bryner@makwork.com	
BY: 	DATE: 06/23/2026

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN ☐ REJECTED ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	☐ RESUBMIT AS NOTED ☒ REVIEWED
These documents have been reviewed only for conformance with design concept and intent, general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating dimensions, fabrication and construction methods and coordination with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.	
Reviewed by: 	Date: 
YHCE CONSULTING ENGINEERS 99 NW 27th Avenue, Miami, FL 33142 E-2 Tel: 305.969.9423 ; Fax: 305.969.9453	


Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0321.07
Expiration Date: April 03, 2028
Approval Date: June 06, 2024

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/15/22, expiring on 07/04/28.
2. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, with **FBC 8th Edition (2023)** and of no financial interest, dated July 19, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 23-0724.11)
2. Distributor Agreement between ES Windows-Energia Solar, S.A., Barranquilla, Columbia, S.A. and E.S. Windows, LLC, Miami, Florida, dated 09/12/13, signed by Ms. Adriana Montoya, Manager and Andres Chamorro, General Manager respectively on behalf of the companies.
(Submitted under NOA No. 12-0308.36)
3. Private Labeling Agreement document in conformance to Product Control guidelines dated 04/09/09 signed by Jose Nuñez.
(Submitted under NOA No. 12-0308.36)
4. Laboratory compliance letter for Test Report No. **FTL-5447**, issued by Fenestration Testing Laboratory, Inc., dated 12/19/07, signed and sealed by Michael R. Wenzel, P.E.
(Submitted under NOA No. 08-0204.06)
5. Testing Proposal issued by the Product Control Section, dated 10/16/14, signed by Jaime Gascon, P.E.
(Submitted under NOA No. 17-0227.08)

G. OTHERS

1. Notice of Acceptance No. **22-1227.03**, issued to E.S. Windows, LLC for their Series "**ES-8000**" Aluminum Window Wall System - L.M.I., approved on 01/19/23 and expiring on 04/03/28.

SHOP DRAWING/SUBMITTAL REVIEW	
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☐ REJECTED	☐ REVISE AND RESUBMIT
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MAK 1251 SW 22th Street Miami, FL 33146 Tel: 305.343.2862 E: alysia.bryson@makwork.com	BY: DATE: 06/23/2026

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating dimensions, fabrication and construction methods and coordination with all other applicable trades. This review will not relieve the Contractor of its responsibility for performance of any terms of the agreement.	
Reviewed by:	Date:
Product Control Examiner	
NOA No. 24-0321.07	
Expiration Date: April 03, 2028	
Approval Date: June 06, 2024	
YHGE CONSULTING ENGINEER	
99 NW 27th Avenue, Miami, E - 325 • Tel: 305.969.9423 ; Fax: 305.969.9453	

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W07-60**, titled "Series 8000 Alum. Window Wall System (L.M.I.)", sheets 1, 1.1, 1.2, 2, 3, 3.1, 4, 4.1, 5, 5.1, 5.2, 6, 6.1, 6.2, 7, 7.1, 8, 9, 9.1, 10, 10.1, 11 and 12 of 12, dated 08/03/07, with revision **J** dated 03/11/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series ES-8000 aluminum fixed window, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-22-023**, dated 01/12/23, signed and sealed by Michael D. Caldwell, P.E.
2. 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
along with marked-up drawings and installation diagram of a series ES-8000T/ES-5000 aluminum fixed window muller to a casement window, prepared by (QAI) Fenestration Testing Laboratory, Inc., Test Report No. **FTL-12112**, dated 06/19/20 with revision #1 dated 08/11/20, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

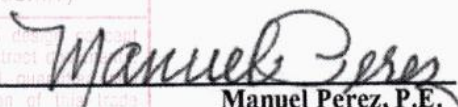
1. Anchor verification calculations and structural analysis, complying with FBC 8th Edition (2023), dated 03/15/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
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MAK Miami, FL 33136 Tel: 305.969.9423 Fax: 305.969.9453 E-mail: info@makinc.com	BY:  DATE: 06/23/2026

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
These documents have been reviewed only for conformance with design and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all dimensions, fabrication and construction methods and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.	
Reviewed by: 	Date: 7/8/26
YHGE CONSULTING ENGINEERS E-4 59 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423; Fax: 305.969.9453	


Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0321.07
Expiration Date: April 03, 2028
Approval Date: June 06, 2024

E.S. Windows, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)
E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 08/31/23, expiring on 07/04/28.
2. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 03/21/24, expiring on 07/08/29.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** and of no financial interest, dated March 15, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

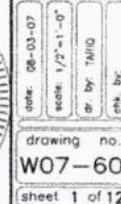
G. OTHERS

1. Notice of Acceptance No. **23-0724.11**, issued to E.S. Windows, LLC for their Series "ES-8000" Aluminum Window Wall System - L.M.I., approved on 09/14/23 and expiring on 04/03/28.

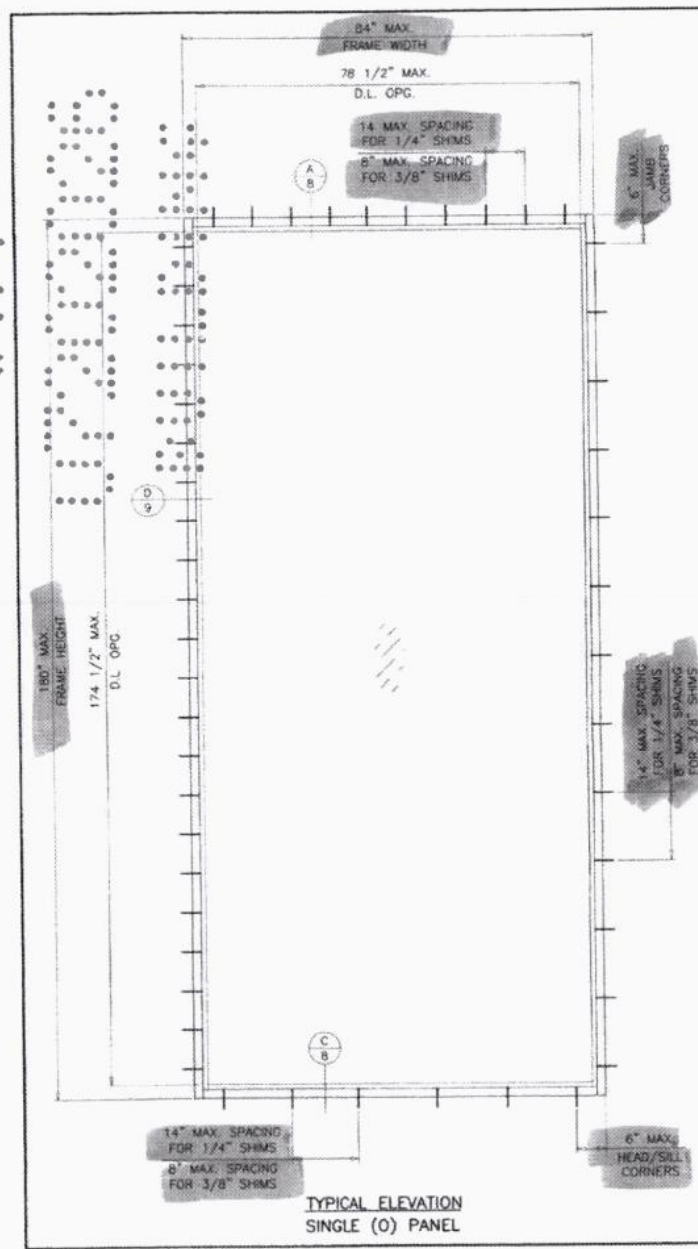
Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
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Reviewed by: <u>EV</u>	Date: <u>7/8/26</u>
YHCE CONSULTING ENGINEERS 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 ; Fax: 305.969.9453	

SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.	
MAK work	MAKwork, Inc. 1251 SW 20th Street Miami FL 33145 T: 305 310 2602 E: alyssa.kriplem@makwork.com
BY: <u>A</u>	DATE: <u>06/23/2026</u>

Manuel Perez
Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0321.07
Expiration Date: April 03, 2028
Approval Date: June 06, 2024



333



TYPICAL ELEVATION
SINGLE (O) PANEL

GLASS TYPE 'B1' ONLY
MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
- 70.0 PSF
(ONLY FOR SINGLE UNITS SHOWN IN THIS SHEET OR SMALLER)

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK WORK
10000 N.W. 49th STREET
MIAMI, FL 33145
T: 305.330.2602
E: alyssa.mak@mak-work.com

BY: A-
DATE: 06/23/2026

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

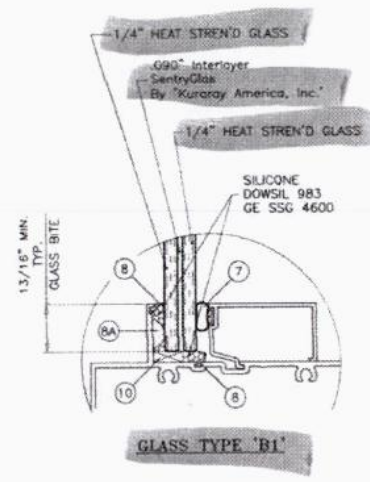
These documents have been reviewed only for conformance with the contract documents. The Contractor is responsible for confirming and correcting all quantities, dimensions, fabrication and construction methods and coordination of this work with all other subcontract trades. This review will not relieve the Contractor of responsibility for performance of any terms of the agreement.

Reviewed by: EN

YHCE CONSULTING ENGINEERS
90 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9433 • Fax: 305.969.9433

Date: 7/8/20

MAR 19 2024



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-6978
STORE W07-60ES

af c

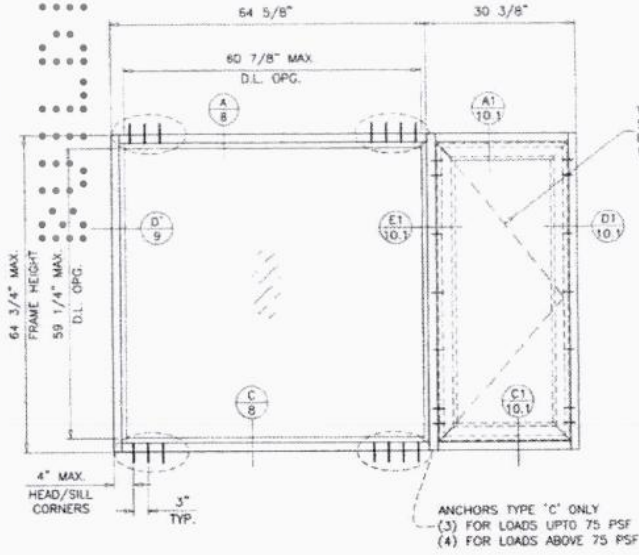
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)

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

DATE	BY	DESCRIPTION
06/11/2026	ALYSSA MAK	UPDATED TO 2026 FBC
06/10/2021	ALYSSA MAK	NO CHANGE THIS SHEET
02/18/23	ALYSSA MAK	NO CHANGE THIS SHEET
02/11/24	ALYSSA MAK	GENERAL REVISION

date: 08-03-07
scale: 1/2" = 1'-0"
drawn by: JALAD
checked by: JALAD

drawing no: W07-60
sheet 1.1 of 12



GLASS TYPE 'A'
 MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
 - 75.0 PSF
 (ONLY FOR SINGLE UNITS SHOWN IN THIS SHEET)

GLASS TYPE 'B'
 MAXIMUM DESIGN LOAD RATING = + 78.0 PSF
 - 114.0 PSF
 (ONLY FOR SINGLE UNITS SHOWN IN THIS SHEET)

WINDOW WALL SYSTEM WITH WINDOW INSERT
 SEE SEPARATE NOA FOR WINDOW CAPACITY
 LOWER RATING OF WINDOW OR
 WINDOW WALL SYSTEM WILL CONTROL

ANCHORS TYPE 'C' ONLY
 (3) FOR LOADS UP TO 75 PSF
 (4) FOR LOADS ABOVE 75 PSF

Project Number: SCI Div/Log Number:

- ☒ NO EXCEPTION TAKEN
☐ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)
☐ RESUBMIT AS NOTED
☒ REVIEWED

These documents have been reviewed only for conformance with design concept and latest general requirements with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: **EV** Date: **7/8/20**

YHCE CONSULTING ENGINEERS
 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 ; Fax: 305.969.9453

MAR 19 2024

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. REVIEWING ENGINEER HAS NOT VERIFIED DIMENSIONS OR CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

BY: **A** DATE: **06/23/2026**

MAK
 MAK CONSULTING, INC.
 Miami FL 33146
 Tel: 305.441.1111
 E: yvonne.kaplan@makconsult.com



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9380 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL: (305) 264-8100 FAX: (305) 262-0978 STORE W07-60ES		ES. WINDOWS, LLC 3550 N.W. 49 STREET MIAMI, FL. 33142 TEL: (305) 638-5151 FAX: (305) 638-5158	
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)		drawing no. W07-60 sheet 1.2 of 12	

NOMINAL DIMS.		JAMB 'J1'	JAMB 'J1'	JAMB 'J2'	JAMB 'J3'	UNANCHORED JAMB OPTIONS MULL. OPTIONS
WIDTH (W)	FRAME HEIGHT	MULL. 'M1'	MULL. 'M2'	MULL. 'M3'	MULL. 'M4'	
36"	78"	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	86-1/2"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	96"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	98-1/2"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	102"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	108"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	110-1/2"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	114"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	
36"	120"	130.0	130.0	130.0	130.0	
42"		130.0	130.0	130.0	130.0	
48"		130.0	130.0	130.0	130.0	
60"		130.0	130.0	130.0	130.0	

NOMINAL DIMS.		JAMB 'J2'	JAMB 'J3'	UNANCHORED JAMB OPTIONS MULL. OPTIONS
WIDTH (W)	FRAME HEIGHT	MULL. 'M4'	MULL. 'M4'	
54"	120"	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
57"		90.0	90.0	
30"	126"	90.0	90.0	
36"		90.0	90.0	
42"		90.0	90.0	
48"		90.0	90.0	
54"	132"	90.0	90.0	
57"		90.0	90.0	
60"		90.0	90.0	
63"		90.0	90.0	
30"	138"	90.0	90.0	
36"		90.0	90.0	
42"		90.0	90.0	
48"		90.0	90.0	
54"	144"	90.0	90.0	
57"		90.0	90.0	
60"		90.0	90.0	
63"		90.0	90.0	

NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

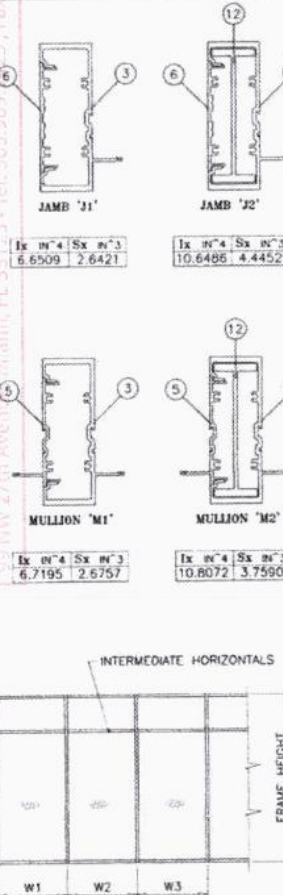
Project Number: SCI Div/Location
☒ NO EXCEPTION TAKEN
☐ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

Resubmit Number: ☐ RESUBMIT REQUIRED
☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

Comments: This document has been reviewed for compliance with design concept and general compliance with the information given in the contract documents. Contractor is responsible for confirming and correcting all quantities and issues, fabrication and construction methods and equipment at this time. All other applicable trades. This review will not release the contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: EV Date: 7/10/2024

YHCE CONSULTING ENGINEERS
 103 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.923 • Fax: 305.959.944



$$\text{WIDTH (W)} = \frac{W1}{2}$$

$$\text{WIDTH (W)} = \frac{W2 + W3}{2}$$

1x IN"4 Sx IN"3	1x IN"4 Sx IN"3	1x IN"4 Sx IN"3
6.6509 2.6421	10.6486 4.4452	6.6509 2.6421
ALUMINUM		
STEEL		
TOTAL		
1x ALUM + 1x STL X 2.9		
14.6276		

SHOP DRAWING SUBMITTAL REVIEW
☒ APPROVED
☐ REVISED AND RESUBMIT
 SUBMITTAL HAS BEEN REVIEWED FOR DESIGN CONFIRMATION AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING ALL QUANTITIES AND ISSUES, FABRICATION AND CONSTRUCTION METHODS AND EQUIPMENT AT THIS TIME. ALL OTHER APPLICABLE TRADES. THIS REVIEW WILL NOT RELEASE THE CONTRACTOR OF THE RESPONSIBILITY FOR PERFORMANCE OF ANY TERMS OF THE AGREEMENT.

1x IN"4 Sx IN"3	1x IN"4 Sx IN"3	1x IN"4 Sx IN"3
6.7195 2.6757	10.8072 3.7590	6.7195 2.6757
ALUMINUM		
STEEL		
TOTAL		
1x ALUM + 1x STL X 2.9		
17.6047		

MAK
 1001 NW 10th Ave
 Suite 100
 Miami, FL 33136
 Tel: (305) 264-8100

Revisions:
 No. Date By Description
 1 11/12/20 Updated to 2020 FBC
 2 05/10/21 GENERAL REVISION
 3 07/18/23 NO CHANGE THIS SHEET
 4 10/11/24 NO CHANGE THIS SHEET

JALAL FAROOQ
 LICENSE
 91223
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL: (305) 264-8100 FAX: (305) 262-9878
 STORE W07-60ES

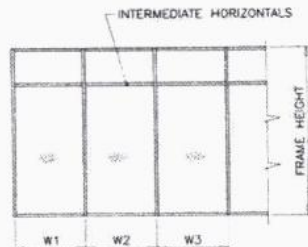
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.U.)
 E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

drawn by: W07-60
 sheet 4 of 12

MULLION LOAD CAPACITY - PSF			
MULLIONS WITH INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.	JAMB 'J1A'	JAMB 'J1A'	
	MULL 'M1A'	MULL 'M2A'	
WIDTH (W)	EXT. (+)	EXT. (+)	
FRAME HEIGHT	INT. (-)	INT. (-)	
30"	60.0	70.0	
36"	60.0	70.0	
42"	60.0	70.0	
48"	60.0	70.0	
54"	60.0	70.0	
60"	55.9	70.0	
30"	60.0	70.0	
36"	60.0	70.0	
42"	60.0	70.0	
48"	60.0	70.0	
54"	57.1	70.0	
60"	51.4	70.0	
30"	60.0	70.0	
36"	60.0	70.0	
42"	60.0	70.0	
48"	60.0	70.0	
54"	56.1	70.0	
60"	49.9	70.0	
30"	44.9	70.0	
36"	60.0	70.0	
42"	60.0	70.0	
48"	60.0	70.0	
54"	56.4	70.0	
60"	49.4	70.0	
30"	43.9	70.0	
36"	60.0	70.0	
42"	58.4	70.0	
48"	50.0	70.0	
54"	43.8	70.0	
60"	-	70.0	
30"	60.0	70.0	
36"	54.8	70.0	
42"	47.0	70.0	
48"	41.1	70.0	
54"	-	70.0	
60"	-	70.0	
30"	59.9	70.0	
36"	49.9	70.0	
42"	42.8	70.0	
48"	37.4	70.0	
54"	-	70.0	
30"	51.4	70.0	
36"	42.8	70.0	
42"	36.7	70.0	
48"	32.1	66.7	
54"	-	60.4	
57"	-	57.8	

MULLION LOAD CAPACITY - PSF			
MULLIONS WITH INTERMEDIATE HORIZONTALS			
NOMINAL DIMS.	JAMB 'J1A'	JAMB 'J1A'	
	MULL 'M1A'	MULL 'M2A'	
WIDTH (W)	EXT. (+)	EXT. (+)	
FRAME HEIGHT	INT. (-)	INT. (-)	
30"	-	70.0	
36"	-	70.0	
42"	-	64.6	
48"	-	57.3	
54"	-	51.8	
30"	-	70.0	
36"	-	64.5	
42"	-	55.9	
48"	-	49.6	
52"	-	46.2	
30"	-	67.1	
36"	-	56.3	
42"	-	48.8	
48"	-	43.2	
50"	-	41.6	
30"	-	58.9	
36"	-	49.5	
42"	-	42.8	
48"	-	37.8	

UNANCHORED
JAMB OPTIONS
MULL OPTIONS



WIDTH (W) = W1
AT FRAME JAMB

WIDTH (W) = $\frac{W2 + W3}{2}$
AT FRAME MULLION

NOTE:
INTERPOLATION BETWEEN WIDTHS ALLOWED.

SHOP DRAWING/SUBMITTAL REVIEW

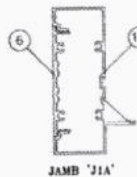
- ☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT
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BY:

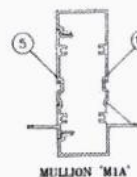
MAKwork, Inc.
1251 SW 3rd Street
Miami, FL 33145
T: 305.310.2002
E: alyssa.kipfner@makwork.com

DATE: 06/23/2026

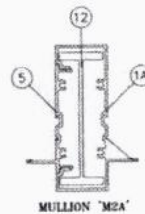
MAKwork



4x1316 5x16902



4x2902 5x17239



8x3779 5x5527

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN

☐ REJECTED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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Reviewed by: **HY**

Date: **7/8/26**

YHCE CONSULTING ENGINEERS

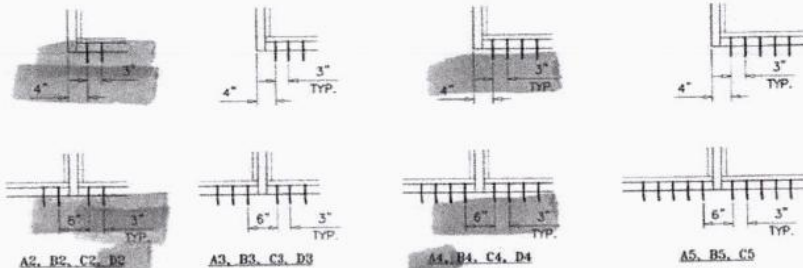
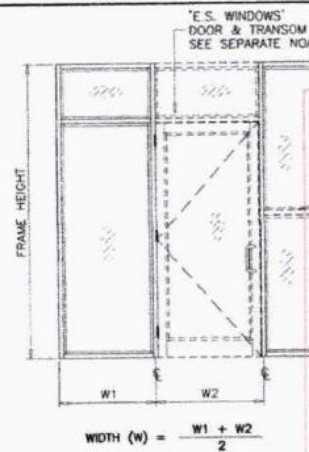
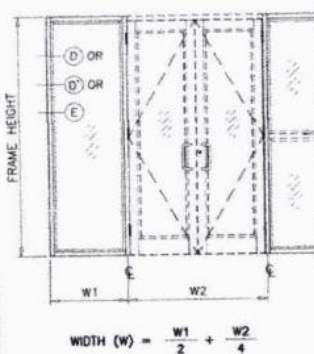
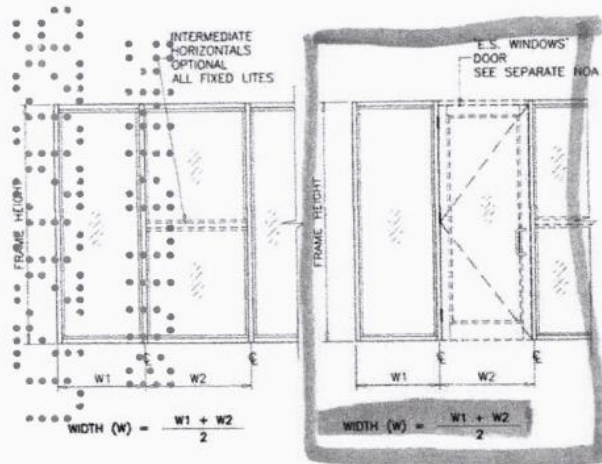
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: 305.569.9423 • FAX: 305.569.9453



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL: (305) 264-8300 FAX: (305) 262-8978 STORE W07-60ES	
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.) E.S. WINDOWS, LLC 3550 N.W. 49 STREET MIAMI, FL. 33142 TEL: (305) 638-5151 FAX: (305) 638-5158	
Revisions: 1. 05.10.21 GENERAL REVISION 2. 07.18.23 NO CHANGE THIS SHEET 3. 03.11.24 NO CHANGE THIS SHEET	Date: 06-03-07 Scale: 1/4" = 1'-0" Drawn By: TARGO Check By:
drawing no. W07-60 sheet 4.1 of 12	

MAR 19 2024

2024



ANCHORS TYPES: SEE SHEET 6 FOR DESCRIPTION

- A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D2 = (2) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B3 = (3) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D3 = (3) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B4 = (4) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION
- D4 = (4) ANCHORS TYPE 'D' AT EACH SIDE OF JAMB AND MULLION
- A5 = (5) ANCHORS TYPE 'A' AT EACH SIDE OF JAMB AND MULLION
- B5 = (5) ANCHORS TYPE 'B' AT EACH SIDE OF JAMB AND MULLION
- C5 = (5) ANCHORS TYPE 'C' AT EACH SIDE OF JAMB AND MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

GENERAL PERFORMANCE TO CONTRACT DOCUMENTS AND SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, CLEARANCES, QUANTITIES, PROCEDESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

BY: *[Signature]* DATE: 06/23/2026

MAK MakKor, Inc. 1000 SW 1st Ave. Suite 2000 Miami, FL 33134 Tel: 305.591.2000 E: makkor@makkor.com

SEE SHEETS 5, 5.1, 5.2 & 7 FOR ANCHOR CAPACITY CHART. SEE SHEET 8 FOR ANCHOR DESCRIPTION.

MAR 19 2024



ANCHORS

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and other general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of his trade with all other applicable trades. This review will not relieve the Contractor of his responsibility for performance of any terms of the agreement.

Reviewed by: *[Signature]* Date: 7/8/26

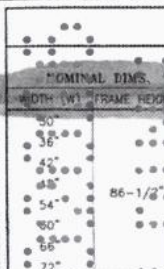
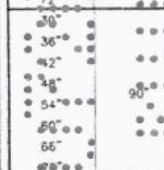
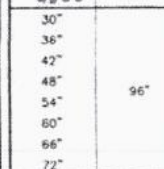
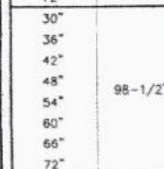
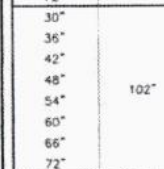
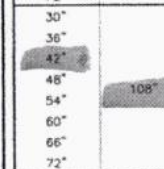
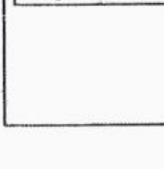
YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

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
STORE W07-60ES

SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

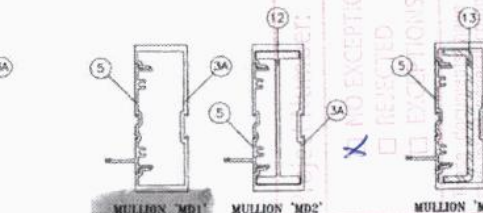
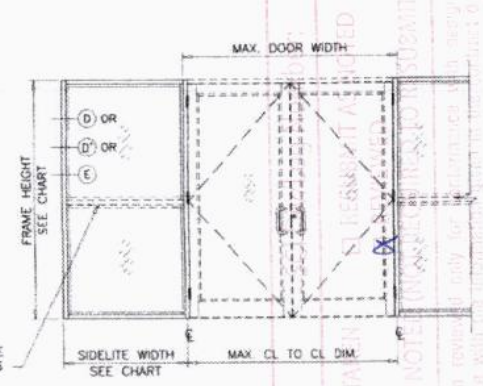
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4	08-03-07	NO CHANGE THIS SHEET
5	08-03-07	NO CHANGE THIS SHEET

date: 08-03-07
scale: -
dr. by: TARG
chk. by:
drawing no: W07-60
sheet 5 of 12

		ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)																										
		ANCHORS TYPE 'A'								ANCHORS TYPE 'B'								ANCHORS TYPE 'C'								1/4" MAX SHIM		
NOMINAL DIMS.		3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				ANCHORS TYPE 'D'		
WIDTH (W) FRAME HEIGHT (H)		A2	A3	A4	A5	A2	A3	A4	A5	B2	B3	B4	B5	B2	B3	B4	B5	C2	C3	C4	C5	C2	C3	C4	C5	D2	D3	D4
	30"	59.1	88.6	118.2	130.0	46.1	69.2	92.2	115.3	67.9	101.9	130.0	130.0	53.3	79.9	106.5	130.0	115.9	130.0	130.0	130.0	91.4	130.0	130.0	130.0	130.0	130.0	130.0
	36"	49.2	73.9	98.5	123.1	38.4	57.7	76.9	96.1	56.6	84.9	113.2	130.0	44.4	66.6	88.8	111.0	96.6	130.0	130.0	130.0	76.2	114.3	130.0	130.0	130.0	130.0	130.0
	42"	42.2	63.3	84.4	105.5	32.9	49.4	65.9	82.4	48.5	72.8	97.0	121.3	38.1	57.1	76.1	95.1	82.8	123.7	130.0	130.0	65.3	98.0	130.0	130.0	124.0	130.0	130.0
	48"	36.9	55.4	73.9	92.3	28.8	43.2	57.7	72.1	42.5	63.7	84.9	106.1	33.3	49.9	66.6	83.2	72.4	108.2	130.0	130.0	57.2	85.7	114.3	130.0	108.5	130.0	130.0
	54"	32.8	49.2	65.7	82.1	25.6	38.4	51.2	64.1	37.7	56.6	75.5	94.3	29.6	44.4	59.2	74.0	64.4	96.2	128.7	130.0	50.8	76.2	101.6	127.0	96.4	130.0	130.0
	60"	29.5	44.3	59.1	73.9	23.1	34.6	46.1	57.7	34.0	50.9	67.9	84.9	26.6	40.0	53.3	66.6	57.9	86.6	115.9	130.0	45.7	68.6	91.4	114.3	86.8	130.0	130.0
	36"	26.9	40.3	53.7	67.1	21.0	31.4	41.9	52.4	30.9	46.4	61.8	77.3	24.3	36.4	48.5	60.6	52.7	79.0	105.4	130.0	41.5	62.2	83.0	103.7	78.9	118.3	130.0
	42"	24.6	36.9	49.2	61.5	-	28.8	38.4	48.0	28.3	42.5	56.7	70.8	22.2	33.4	44.5	55.6	48.3	72.4	96.6	120.7	38.0	57.0	76.1	95.1	72.3	108.5	130.0
	48"	56.8	85.2	113.6	130.0	44.3	66.5	88.7	110.8	65.3	97.9	130.0	130.0	51.2	76.8	102.4	128.0	111.4	130.0	130.0	130.0	87.9	130.0	130.0	130.0	130.0	130.0	130.0
	54"	47.3	71.0	94.6	118.3	36.9	55.4	73.9	92.4	54.4	81.6	108.8	130.0	42.7	64.0	85.3	106.7	92.8	130.0	130.0	130.0	73.2	109.9	130.0	130.0	130.0	130.0	130.0
	60"	40.6	60.8	81.1	101.4	31.7	47.5	63.3	79.2	46.6	69.9	93.3	116.6	36.6	54.9	73.1	91.4	79.5	118.9	130.0	130.0	62.8	94.2	125.6	130.0	119.2	130.0	130.0
	66"	35.5	53.2	71.0	88.7	27.7	41.6	55.4	69.3	40.8	61.2	81.6	102.0	32.0	48.0	64.0	80.0	69.6	104.0	130.0	130.0	54.9	82.4	109.9	130.0	104.3	130.0	130.0
	42"	31.5	47.3	63.1	78.9	24.6	36.9	49.3	61.6	36.3	54.4	72.5	90.7	28.4	42.7	56.9	71.1	61.9	92.4	123.7	130.0	48.8	73.2	97.7	122.1	92.7	130.0	130.0
	48"	28.4	42.6	56.8	71.0	22.2	33.2	44.3	55.4	32.6	49.0	65.3	81.6	25.6	38.4	51.2	64.0	55.7	83.2	111.4	130.0	43.9	65.9	87.9	109.9	83.4	125.1	130.0
	54"	25.8	38.7	51.6	64.5	20.2	30.2	40.3	50.4	29.7	44.6	59.4	74.3	23.3	35.0	46.6	58.3	50.6	76.0	101.3	126.6	39.9	59.8	79.7	99.7	75.8	113.7	130.0
	60"	23.7	35.5	47.3	59.2	-	27.7	36.9	46.2	27.2	40.9	54.5	68.1	21.4	32.1	42.7	53.4	46.4	69.6	92.8	116.0	36.6	54.8	73.1	91.4	69.5	104.3	130.0
	66"	53.2	79.9	106.5	130.0	41.6	62.3	83.1	103.9	61.2	91.8	122.4	130.0	48.0	72.0	96.0	120.0	104.4	130.0	130.0	130.0	82.4	123.6	130.0	130.0	130.0	130.0	130.0
	72"	44.4	66.6	88.7	110.9	34.6	52.0	69.3	86.6	51.0	76.5	102.0	127.5	40.0	60.0	80.0	100.0	87.0	130.0	130.0	130.0	68.7	103.0	130.0	130.0	130.0	130.0	130.0
	48"	38.0	57.0	76.1	95.1	29.7	44.5	59.4	74.2	43.7	65.6	87.4	109.3	34.3	51.4	68.6	85.7	74.6	111.4	130.0	130.0	58.9	88.3	117.7	130.0	111.7	130.0	130.0
	54"	33.3	49.9	66.6	83.2	26.0	39.0	52.0	64.9	38.3	57.4	76.5	95.6	30.0	45.0	60.0	75.0	65.3	97.5	130.0	130.0	51.5	77.3	103.0	128.8	97.8	130.0	130.0
	60"	29.6	44.4	59.2	73.9	23.1	34.6	46.2	57.7	34.0	51.0	68.0	85.0	26.7	40.0	53.3	66.7	58.0	86.7	116.0	130.0	45.8	68.7	91.6	114.4	86.8	130.0	130.0
	66"	26.6	39.9	53.2	66.6	20.8	31.2	41.6	52.0	30.6	45.9	61.2	76.5	24.0	36.0	48.0	60.0	52.2	78.0	104.4	130.0	41.2	61.8	82.4	103.0	78.2	117.3	130.0
	72"	24.2	36.3	48.4	60.5	-	28.3	37.8	47.2	27.9	41.8	55.7	69.6	21.9	32.8	43.7	54.6	47.5	71.2	94.9	118.7	37.4	56.1	74.8	93.5	71.1	106.6	130.0
	78"	22.2	33.3	44.4	55.5	-	26.0	34.6	43.3	25.5	38.3	51.1	63.8	20.0	30.1	40.1	50.1	43.5	65.3	87.0	108.8	34.3	51.4	68.5	85.7	65.2	97.8	130.0
	30"	51.9	77.8	103.8	129.7	40.5	60.8	81.0	101.3	59.6	89.5	119.3	130.0	46.8	70.2	93.6	117.0	101.8	130.0	130.0	130.0	80.3	120.5	130.0	130.0	130.0	130.0	130.0
	36"	43.2	64.9	86.5	108.1	33.8	50.6	67.5	84.4	49.7	74.6	99.4	124.3	39.0	58.5	78.0	97.5	84.8	126.7	130.0	130.0	68.9	100.4	130.0	130.0	127.0	130.0	130.0
	42"	37.1	55.6	74.1	92.7	28.9	43.4	57.9	72.3	42.6	63.9	85.2	106.5	33.4	50.1	66.8	83.5	72.7	108.6	130.0	130.0	57.4	86.0	114.7	130.0	108.9	130.0	130.0
	48"	32.4	48.6	64.9	81.1	25.3	38.0	50.6	63.3	37.3	55.9	74.6	93.2	29.2	43.9	58.5	73.1	63.6	95.0	127.2	130.0	50.2	75.3	100.4	125.5	95.3	130.0	130.0
	54"	28.8	43.2	57.7	72.1	22.5	33.8	45.0	56.3	33.1	49.7	66.3	82.8	26.0	39.0	52.0	65.0	56.5	84.5	113.1	130.0	44.6	66.9	89.2	111.5	84.7	127.0	130.0
	60"	25.9	38.9	51.9	64.9	20.3	30.4	40.5	50.6	29.8	44.7	59.6	74.6	23.4	35.1	46.8	58.5	50.9	76.0	101.8	127.2	40.2	60.2	80.3	100.4	76.2	114.3	130.0
	60"	23.6	35.4	47.2	59.0	-	27.6	36.8	46.0	27.1	40.7	54.3	67.9	21.3	31.9	42.6	53.2	45.3	69.4	92.5	115.7	36.4	54.6	72.9	91.1	69.3	103.9	130.0
	66"	21.6	32.4	43.2	54.1	-	25.3	33.8	42.2	24.9	37.3	49.8	62.2	-	29.3	39.0	48.8	42.4	63.6	84.8	106.0	33.4	50.1	66.8	83.5	63.5	95.3	127.0
	72"	50.1	75.2	100.2	125.3	39.1	58.7	78.2	97.8	57.6	86.4	115.2	130.0	45.2	67.8	90.4	112.9	98.3	130.0	130.0	130.0	77.6	116.3	130.0	130.0	130.0	130.0	130.0
	78"	41.8	62.6	83.5	104.4	32.6	48.9	65.2	81.5	48.0	72.0	96.0	120.0	37.6	56.5	75.3	94.1	81.9	122.4	130.0	130.0	64.6	96.9	129.3	130.0	122.7	130.0	130.0
	84"	35.8	53.7	71.6	89.5	27.9	41.9	55.9	69.8	41.1	61.7	82.3	102.6	32.3	48.4	64.5	80.7	70.2	104.9	130.0	130.0	55.4	83.1	110.8	130.0	105.1	130.0	130.0
	90"	31.3	47.0	62.6	78.3	24.4	36.7	48.9	61.1	36.0	54.0	72.0	90.0	28.2	42.4	56.5	70.6	61.4	91.8	122.8	130.0	48.5	72.7	96.9	121.2	92.0	130.0	130.0
	42"	27.8	41.8	55.7	69.6	21.7	32.6	43.5	54.3	32.0	48.0	64.0	80.0	25.1	37.6	50.2	62.7	54.6	81.6	109.2	130.0	43.1	64.6	86.2	107.7	81.8	122.7	130.0
	48"	25.1	37.6	50.1	62.6	-	29.3	39.1	48.9	28.8	43.2	57.6	72.0	22.6	33.9	45.2	56.5	49.1	73.4	98.3	122.8	38.8	58.2	77.6	96.9	73.6	110.4	130.0
	54"	22.8	34.2	45.6	56.9	-	26.7	35.6	44.4	26.2	39.3	52.4	65.5	20.6	30.9	41.1	51.4	44.7	67.0	89.4	111.7	35.2	52.8	70.4	88.0	66.9	100.4	130.0
	60"	20.9	31.3	41.8	52.2	-	24.4	32.6	40.7	24.0	36.0	48.1	60.1	-	28.3	37.7	47.1	41.0	61.4	81.9	102.4	32.3	48.4	64.5	80.6	61.3	92.0	122.7
	66"	47.3	71.0	94.6	118.3	36.9	55.4	73.9	92.4	54.4	81.6	108.8	130.0	42.7	64.0	85.3	106.7	92.8	130.0	130.0	130.0	73.2	109.9	130.0	130.0	130.0	130.0	130.0
	72"	38.4	59.2	78.9	98.6	30.8	46.2	61.6	77.0	45.3																		

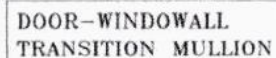
		ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)																											
		ANCHORS TYPE 'A'								ANCHORS TYPE 'B'								ANCHORS TYPE 'C'								1/4" MAX. SHIM			
NOMINAL DIMS.		3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE				ANCHORS TYPE 'D'			
WIDTH (W)	FRAME HEIGHT (H)	A2	A3	A4	A5	A2	A3	A4	A5	B2	B3	B4	B5	B2	B3	B4	B5	C2	C3	C4	C5	C2	C3	C4	C5	D2	D3	D4	
30"	30"	46.3	69.4	92.5	115.6	36.1	54.2	72.2	90.3	53.2	79.8	106.3	130.0	41.7	62.6	83.4	104.3	90.7	130.0	130.0	130.0	71.6	107.4	130.0	130.0	130.0	130.0	130.0	
36"	36"	48.5	71.6	94.7	117.8	38.1	56.2	74.2	92.3	55.2	81.8	108.3	132.0	43.7	64.6	85.4	106.3	92.7	132.0	132.0	132.0	73.6	109.4	132.0	132.0	132.0	132.0	132.0	
42"	42"	50.5	73.6	96.7	119.8	39.1	57.2	75.2	93.3	56.2	82.8	110.3	134.0	44.7	65.6	86.4	107.3	93.7	134.0	134.0	134.0	74.6	110.4	134.0	134.0	134.0	134.0	134.0	
48"	48"	52.5	75.6	98.7	121.8	40.1	58.2	76.2	94.3	57.2	83.8	112.3	136.0	45.7	66.6	87.4	109.3	94.7	136.0	136.0	136.0	75.6	111.4	136.0	136.0	136.0	136.0	136.0	
54"	54"	54.5	77.6	100.7	123.8	41.1	59.2	77.2	95.3	58.2	84.8	114.3	138.0	46.7	67.6	88.4	111.3	95.7	138.0	138.0	138.0	76.6	112.4	138.0	138.0	138.0	138.0	138.0	
60"	60"	56.5	79.6	102.7	125.8	42.1	60.2	78.2	96.3	59.2	85.8	116.3	140.0	47.7	68.6	89.4	113.3	96.7	140.0	140.0	140.0	77.6	113.4	140.0	140.0	140.0	140.0	140.0	
66"	66"	58.5	81.6	104.7	127.8	43.1	61.2	79.2	97.3	60.2	86.8	118.3	142.0	48.7	69.6	90.4	115.3	97.7	142.0	142.0	142.0	78.6	114.4	142.0	142.0	142.0	142.0	142.0	
72"	72"	60.5	83.6	106.7	129.8	44.1	62.2	80.2	98.3	61.2	87.8	120.3	144.0	49.7	70.6	91.4	117.3	98.7	144.0	144.0	144.0	79.6	115.4	144.0	144.0	144.0	144.0	144.0	
78"	78"	62.5	85.6	108.7	131.8	45.1	63.2	81.2	99.3	62.2	88.8	122.3	146.0	50.7	71.6	92.4	119.3	99.7	146.0	146.0	146.0	80.6	116.4	146.0	146.0	146.0	146.0	146.0	
84"	84"	64.5	87.6	110.7	133.8	46.1	64.2	82.2	100.3	63.2	89.8	124.3	148.0	51.7	72.6	93.4	121.3	100.7	148.0	148.0	148.0	81.6	117.4	148.0	148.0	148.0	148.0	148.0	
90"	90"	66.5	89.6	112.7	135.8	47.1	65.2	83.2	101.3	64.2	90.8	126.3	150.0	52.7	73.6	94.4	123.3	101.7	150.0	150.0	150.0	82.6	118.4	150.0	150.0	150.0	150.0	150.0	
96"	96"	68.5	91.6	114.7	137.8	48.1	66.2	84.2	102.3	65.2	91.8	128.3	152.0	53.7	74.6	95.4	125.3	102.7	152.0	152.0	152.0	83.6	119.4	152.0	152.0	152.0	152.0	152.0	
102"	102"	70.5	93.6	116.7	139.8	49.1	67.2	85.2	103.3	66.2	92.8	130.3	154.0	54.7	75.6	96.4	127.3	103.7	154.0	154.0	154.0	84.6	120.4	154.0	154.0	154.0	154.0	154.0	
108"	108"	72.5	95.6	118.7	141.8	50.1	68.2	86.2	104.3	67.2	93.8	132.3	156.0	55.7	76.6	97.4	129.3	104.7	156.0	156.0	156.0	85.6	121.4	156.0	156.0	156.0	156.0	156.0	
114"	114"	74.5	97.6	120.7	143.8	51.1	69.2	87.2	105.3	68.2	94.8	134.3	158.0	56.7	77.6	98.4	131.3	105.7	158.0	158.0	158.0	86.6	122.4	158.0	158.0	158.0	158.0	158.0	
120"	120"	76.5	99.6	122.7	145.8	52.1	70.2	88.2	106.3	69.2	95.8	136.3	160.0	57.7	78.6	99.4	133.3	106.7	160.0	160.0	160.0	87.6	123.4	160.0	160.0	160.0	160.0	160.0	
126"	126"	78.5	101.6	124.7	147.8	53.1	71.2	89.2	107.3	70.2	96.8	138.3	162.0	58.7	79.6	100.4	135.3	107.7	162.0	162.0	162.0	88.6	124.4	162.0	162.0	162.0	162.0	162.0	
132"	132"	80.5	103.6	126.7	149.8	54.1	72.2	90.2	108.3	71.2	97.8	140.3	164.0	59.7	80.6	101.4	137.3	108.7	164.0	164.0	164.0	89.6	125.4	164.0	164.0	164.0	164.0	164.0	
138"	138"	82.5	105.6	128.7	151.8	55.1	73.2	91.2	109.3	72.2	98.8	142.3	166.0	60.7	81.6	102.4	139.3	109.7	166.0	166.0	166.0	90.6	126.4	166.0	166.0	166.0	166.0	166.0	
144"	144"	84.5	107.6	130.7	153.8	56.1	74.2	92.2	110.3	73.2	99.8	144.3	168.0	61.7	82.6	103.4	141.3	110.7	168.0	168.0	168.0	91.6	127.4	168.0	168.0	168.0	168.0	168.0	
150"	150"	86.5	109.6	132.7	155.8	57.1	75.2	93.2	111.3	74.2	100.8	146.3	170.0	62.7	83.6	104.4	143.3	111.7	170.0	170.0	170.0	92.6	128.4	170.0	170.0	170.0	170.0	170.0	
156"	156"	88.5	111.6	134.7	157.8	58.1	76.2	94.2	112.3	75.2	101.8	148.3	172.0	63.7	84.6	105.4	145.3	112.7	172.0	172.0	172.0	93.6	129.4	172.0	172.0	172.0	172.0	172.0	
162"	162"	90.5	113.6	136.7	159.8	59.1	77.2	95.2	113.3	76.2	102.8	150.3	174.0	64.7	85.6	106.4	147.3	113.7	174.0	174.0	174.0	94.6	130.4	174.0	174.0	174.0	174.0	174.0	
168"	168"	92.5	115.6	138.7	161.8	60.1	78.2	96.2	114.3	77.2	103.8	152.3	176.0	65.7	86.6	107.4	149.3	114.7	176.0	176.0	176.0	95.6	131.4	176.0	176.0	176.0	176.0	176.0	
174"	174"	94.5	117.6	140.7	163.8	61.1	79.2	97.2	115.3	78.2	104.8	154.3	178.0	66.7	87.6	108.4	151.3	115.7	178.0	178.0	178.0	96.6	132.4	178.0	178.0	178.0	178.0	178.0	
180"	180"	96.5	119.6	142.7	165.8	62.1	80.2	98.2	116.3	79.2	105.8	156.3	180.0	67.7	88.6	109.4	153.3	116.7	180.0	180.0	180.0	97.6	133.4	180.0	180.0	180.0	180.0	180.0	
186"	186"	98.5	121.6	144.7	167.8	63.1	81.2	99.2	117.3	80.2	106.8	158.3	182.0	68.7	89.6	110.4	155.3	117.7	182.0	182.0	182.0	98.6	134.4	182.0	182.0	182.0	182.0	182.0	
192"	192"	100.5	123.6	146.7	169.8	64.1	82.2	100.2	118.3	81.2	107.8	160.3	184.0	69.7	90.6	111.4	157.3	118.7	184.0	184.0	184.0	99.6	135.4	184.0	184.0	184.0	184.0	184.0	
198"	198"	102.5	125.6	148.7	171.8	65.1	83.2	101.2	119.3	82.2	108.8	162.3	186.0	70.7	91.6	112.4	159.3	119.7	186.0	186.0	186.0	100.6	136.4	186.0	186.0	186.0	186.0	186.0	
204"	204"	104.5	127.6	150.7	173.8	66.1	84.2	102.2	120.3	83.2	109.8	164.3	188.0	71.7	92.6	113.4	161.3	120.7	188.0	188.0	188.0	101.6	137.4	188.0	188.0	188.0	188.0	188.0	
210"	210"	106.5	129.6	152.7	175.8	67.1	85.2	103.2	121.3	84.2	110.8	166.3	190.0	72.7	93.6	114.4	163.3	121.7	190.0	190.0	190.0	102.6	138.4	190.0	190.0	190.0	190.0	190.0	
216"	216"	108.5	131.6	154.7	177.8	68.1	86.2	104.2	122.3	85.2	111.8	168.3	192.0	73.7	94.6	115.4	165.3	122.7	192.0	192.0	192.0	103.6	139.4	192.0	192.0	192.0	192.0	192.0	
222"	222"	110.5	133.6	156.7	179.8	69.1	87.2	105.2	123.3	86.2	112.8	170.3	194.0	74.7	95.6	116.4	167.3	123.7	194.0	194.0	194.0	104.6	140.4	194.0	194.0	194.0	194.0	194.0	
228"	228"	112.5	135.6	158.7	181.8	70.1	88.2	106.2	124.3	87.2	113.8	172.3	196.0	75.7	96.6	117.4	169.3	124.7	196.0	196.0	196.0	105.6	141.4	196.0	196.0	196.0	196.0	196.0	
234"	234"	114.5	137.6	160.7	183.8	71.1	89.2	107.2	125.3	88.2	114.8	174.3	198.0	76.7	97.6	118.4	171.3	125.7	198.0	198.0	198.0	106.6	142.4	198.0	198.0	198.0	198.0	198.0	
240"	240"	116.5	139.6	162.7	185.8	72.1	90.2	108.2	126.3	89.2	115.8	176.3	200.0	77.7	98.6	119.4	173.3	126.7	200.0	200.0	200.0	107.6	143.4	200.0	200.0	200.0	200.0	200.0	
246"	246"	118.5	141.6	164.7	187.8	73.1	91.2	109.2	127.3	90.2	116.8	178.3	202.0	78.7	99.6	120.4	175.3	127.7	202.0	202.0	202.0	108.6	144.4	202.0	202.0	202.0	202.0	202.0	
252"	252"	120.5	143.6	166.7	189.8	74.1	92.2	110.2	128.3	91.2	117.8	180.3	204.0	79.7	100.6	121.4	177.3	128.7	204.0	204.0	204.0	109.6	145.4	204.0	204.0	204.0	204.0	204.0	
258"	258"	122.5	145.6	168.7	191.8	75.1	93.2																						

☒ APPROVED ☐
☒ SUBMITTAL AND NOTIFICATION
 THE CONTRACTOR IS RESPONSIBLE
 FOR OBTAINING ALL NECESSARY
 COORDINATE, PERMITS,
 TRACED AND TOLL CALLS
 TO THE PROJECT.
MAX
 10/1/2014
 10/1/2014
 10/1/2014



I_x IN ⁴	S_x IN ³	I_x IN ⁴	S_x IN ³		I_x IN ⁴	S_x IN ³
6.7195	2.6757	10.8072	4.4768	ALUMINUM	6.7195	2.6757
				STEEL	2.7506	1.224
				TOTAL		
				I_x ALUM + I_x STL X 2.9	14.6962	

DOOR MULLION LOAD CAPACITY-PSF						
SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	JAMB 'JD1'	JAMB 'JD1'	JAMB 'JD2'	JAMB 'JD3'	JAMB 'JD3'
		MULL 'MD1'	MULL 'MD2'	MULL 'MD3'	MULL 'MD4'	MULL 'MD4'
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
32	98-1/2	90.0	90.0	90.0	90.0	
36		90.0	90.0	90.0	90.0	
42		90.0	90.0	90.0	90.0	
48		90.0	90.0	90.0	90.0	
54		87.7	90.0	90.0	90.0	
32	110-1/2	79.8	90.0	90.0	90.0	
36		75.8	90.0	90.0	90.0	
42		70.6	90.0	90.0	90.0	
48		66.1	90.0	90.0	90.0	
32	114	72.6	90.0	90.0	90.0	
36		69.1	90.0	90.0	90.0	
42		64.3	90.0	90.0	90.0	
48		60.2	90.0	90.0	90.0	
32	120	62.3	90.0	90.0	90.0	
36		59.2	90.0	90.0	90.0	
42		55.2	88.7	89.1	90.0	
48		51.6	83.0	83.4	90.0	
32	144	-	-	-	90.0	
36		-	-	-	89.8	
42		-	-	-	83.6	
48		-	-	-	78.3	



A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 61223" is in the center, and "STATE OF FLORIDA" is at the bottom. A stylized signature is written across the center of the seal.

date: 08-03-07	scale: -	dr. by: TAP/G	chk. by:
drawing no. W07-60			
sheet 6 of 12			

DOOR MULLION LOAD CAPACITY - PSF										
NOMINAL DIMS.				JAMB 'JD1'	JAMB 'JD1'	JAMB 'JD2'	JAMB 'JD3'	JAMB 'JD3'	JAMB 'JD3'	
				MULL 'MD1'	MULL 'MD2'	MULL 'MD3'	MULL 'MD3'	MULL 'MD3'	MULL 'MD4'	
WIDTH (W1)	HEIGHT (H1)	FRAME HEIGHT	DOOR HEIGHT	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	
85-3/4	30	108	84	90.0	90.0	90.0	90.0			
	36			90.0	90.0	90.0	90.0			
	42			90.0	90.0	90.0	90.0			
	48			90.0	90.0	90.0	90.0			
	54			90.0	90.0	90.0	90.0			
	60			85.7	90.0	90.0	90.0			
	30	114		90.0	90.0	90.0	90.0			
	36			86.9	90.0	90.0	90.0			
	42			81.5	90.0	90.0	90.0			
	48			76.7	90.0	90.0	90.0			
	54			72.5	90.0	89.0	90.0			
	60			74.2	90.0	90.0	90.0			
	30	120		89.5	90.0	89.1	90.0			
	36			85.4	90.0	84.4	90.0			
	42			81.7	90.0	80.2	90.0			
	48			60.2	90.0	81.7	90.0			
	54			56.6	90.0	77.4	90.0			
	60			53.3	85.8	73.4	87.8			
85-3/4	30	114	90	50.5	81.2	69.9	83.5			
	36			49.7	80.0	71.9	85.9			
	42			46.8	75.3	68.1	81.5			
	48			44.2	71.2	64.8	77.4			
	54			41.9	67.5	61.7	73.8			
	60			90.0	90.0	90.0	90.0			
	30	120		90.0	90.0	90.0	90.0			
	36			86.6	90.0	90.0	90.0			
	42			81.2	90.0	90.0	90.0			
	48			76.5	90.0	90.0	90.0			
	54			79.3	90.0	90.0	90.0			
	60			74.0	90.0	90.0	90.0			
85-3/4	30	108	84	69.3	90.0	88.9	90.0			
	36			65.2	90.0	84.3	90.0			
	42			63.9	90.0	85.6	90.0			
	48			59.9	90.0	80.8	90.0			
	54			56.3	90.0	76.5	90.0			
	60			53.1	85.4	72.7	86.9			
	30	114		52.4	84.2	74.5	89.1			
	36			49.2	79.1	70.5	84.3			
	42			46.3	74.5	66.9	80.0			
	48			43.8	70.5	63.6	76.1			
	54	120		90.0	90.0	90.0	90.0			
	60			90.0	90.0	90.0	90.0			
	66			90.0	90.0	90.0	90.0			
	72			90.0	90.0	90.0	90.0			
	78			90.0	90.0	90.0	90.0			
	84			90.0	90.0	90.0	90.0			

DOOR MULLION LOAD CAPACITY - PSF									
NOMINAL DIMS.				JAMB 'JD1'	JAMB 'JD1'	JAMB 'JD2'	JAMB 'JD3'	JAMB 'JD3'	JAMB 'JD3'
				MULL 'MD1'	MULL 'MD2'	MULL 'MD3'	MULL 'MD3'	MULL 'MD4'	MULL 'MD4'
WIDTH (W1)	WIDTH (W2)	FRAME HEIGHT	DOOR HEIGHT	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)
INCHES	INCHES	INCHES	INCHES						
85-3/4	30	108	96	84.6	90.0	90.0	90.0	90.0	90.0
	36			78.6	90.0	90.0	90.0	90.0	
	42			73.4	90.0	90.0	90.0	90.0	
	48			68.8	90.0	89.7	90.0	90.0	
	30			68.2	90.0	90.0	90.0	90.0	
	36			63.5	90.0	85.3	90.0	90.0	
	42	114		59.5	90.0	80.6	90.0	90.0	
	48			56.0	90.0	76.3	90.0	90.0	
	30			55.5	89.3	78.0	90.0	90.0	
	36			51.9	83.5	73.8	88.0	90.0	
	42			48.8	78.5	69.7	83.3	90.0	
	48			46.0	74.0	66.2	79.1	90.0	
	30	120		72.4	90.0	90.0	90.0	90.0	
	36			67.2	90.0	90.0	90.0	90.0	
	42			62.7	90.0	85.9	90.0	90.0	
	48			58.8	90.0	81.1	90.0	90.0	
	30			114	59.0	90.0	82.6	90.0	90.0
	36				55.0	88.4	77.7	90.0	90.0
42	51.5	82.8	73.3		87.7	90.0			
48	48.4	77.8	69.4		83.0	90.0			
30	120	63.7	90.0		90.0	90.0	90.0		
36		59.0	90.0		85.7	90.0	90.0		
42		55.0	88.4	80.4	90.0	90.0			
48		51.5	82.8	75.7	90.0	90.0			
85-3/4		30	120	110-1/2	63.7	90.0	90.0	90.0	90.0
		36			59.0	90.0	85.7	90.0	90.0
	42	55.0			88.4	80.4	90.0	90.0	
	48	51.5			82.8	75.7	90.0	90.0	

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.

SHOP DRAWING SUBMITTAL REVIEW

☒ APPROVED WITH CHANGES NOTED

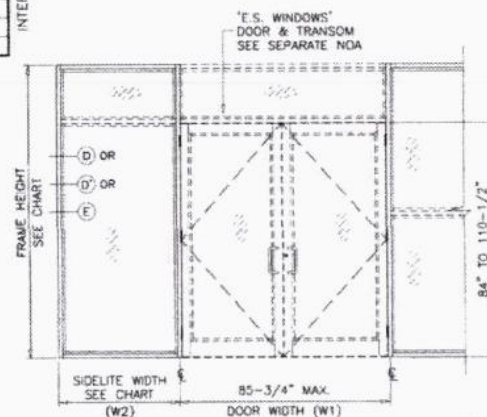
☐ REJECTED

☐ REVISED AND RESUBMIT

REMARKS: (SEE REVISIONS FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND VERIFYING ALL DIMENSIONS, MATERIALS, MANUFACTURING CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND SUBMITTALS, AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.)

MAK

DATE: 06/23/2026



DOOR-WINDOW WALL TRANSITION MULLION



MAR 19 2024

JAMB 'JD1'	JAMB 'JD2'	JAMB 'JD3'	MULLION 'MD1'	MULLION 'MD2'	MULLION 'MD3'	MULLION 'MD4'
EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3	EX IN" 4 SX IN" 3
6.570 2.7226	10.6577 3.8057	6.570 2.7226	6.7195 2.6757	10.8072 4.4788	6.7195 2.6757	6.7195 2.6757
STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
2.7506 1.2224	2.7506 1.2224	2.7506 1.2224	2.7506 1.2224	2.7506 1.2224	2.7506 1.2224	2.7506 1.2224
TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
14.5467	14.5467	14.5467	14.5467	14.5467	14.5467	14.5467

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
5350 SUNSET BLVD., SUITE 220 (C.A.R. 3538)
MIAMI, FLORIDA 33173
TEL (305) 264-8100 FAX (305) 262-0978

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

REVISIONS:

NO	DATE	DESCRIPTION
1	08-03-07	BY: [Signature] DATE: 08-03-07
2	11-12-20	BY: [Signature] DATE: 11-12-20
3	07-18-23	BY: [Signature] DATE: 07-18-23
4	03-11-24	BY: [Signature] DATE: 03-11-24

drawing no. **W07-60**
sheet 6.1 of 12

DOOR MULLION LOAD CAPACITY - PSF				
NOMINAL DIMS.				JAMB 'JD3' MULL 'MD4'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT (+) INT (-)
30	30	84	84	90.0
36	36	84	84	90.0
42	42	84	84	90.0
48	48	84	84	90.0
54	54	84	84	90.0
60	60	84	84	90.0
30	30	102	102	90.0
36	36	102	102	90.0
42	42	102	102	90.0
48	48	102	102	90.0
54	54	102	102	90.0
60	60	102	102	90.0
30	30	114	114	90.0
36	36	114	114	90.0
42	42	114	114	90.0
48	48	114	114	90.0
54	54	114	114	90.0
60	60	114	114	90.0
30	30	120	120	90.0
36	36	120	120	90.0
42	42	120	120	90.0
48	48	120	120	90.0
54	54	120	120	90.0
60	60	120	120	90.0
30	30	144	144	90.0
36	36	144	144	90.0
42	42	144	144	90.0
48	48	144	144	90.0
54	54	144	144	90.0
60	60	144	144	90.0

DOOR MULLION LOAD CAPACITY - PSF				
NOMINAL DIMS.				JAMB 'JD3' MULL 'MD4'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT (+) INT (-)
30	30	108	108	90.0
36	36	108	108	90.0
42	42	108	108	90.0
48	48	108	108	90.0
54	54	108	108	90.0
60	60	108	108	90.0
30	30	114	114	90.0
36	36	114	114	90.0
42	42	114	114	90.0
48	48	114	114	90.0
54	54	114	114	90.0
60	60	114	114	90.0
30	30	120	120	90.0
36	36	120	120	90.0
42	42	120	120	90.0
48	48	120	120	90.0
54	54	120	120	90.0
60	60	120	120	90.0
30	30	144	144	90.0
36	36	144	144	90.0
42	42	144	144	90.0
48	48	144	144	90.0
54	54	144	144	90.0
60	60	144	144	90.0

Project Number: SCI 01/10/10

NO EXCEPTION TAKEN
☒ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REJECTED)

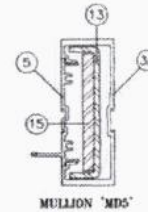
These documents have been reviewed only for general compliance with the information provided. The Contractor is responsible for confirming and verifying all dimensions, fabrication and construction methods and procedures with all other applicable codes. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: **FX**

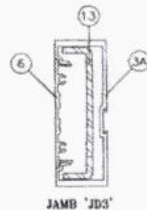
DATE: **10/26**

YHCE CONSULTING ENGINEERS
 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

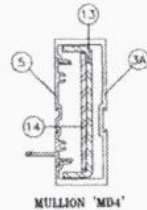
DOOR MULLION LOAD CAPACITY - PSF				
NOMINAL DIMS.				JAMB 'JD3' MULL 'MD5'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT (+) INT (-)
30	30	84	84	78.4
36	36	84	84	73.8
42	42	84	84	69.7
48	48	84	84	66.1
54	54	84	84	63.1
60	60	84	84	60.0
30	30	102	102	73.1
36	36	102	102	69.1
42	42	102	102	65.5
48	48	102	102	62.3
54	54	102	102	59.3
60	60	102	102	56.3
30	30	114	114	63.0
36	36	114	114	60.0
42	42	114	114	57.3
48	48	114	114	54.3



	1x 4" x 4" Sx 4" x 3"
ALUMINUM	6.7195 2.6757
STEEL	4.7506 2.1114
TOTAL	20.3598



	1x 4" x 4" Sx 4" x 3"
ALUMINUM	6.570 2.7226
STEEL	2.7506 1.2224
TOTAL	14.5467



	1x 4" x 4" Sx 4" x 3"
ALUMINUM	6.7195 2.6757
STEEL	3.7533 1.668
TOTAL	17.6041

SHIP DRAWING SUBMITTAL REVIEW

APPROVED ☐ APPROVED WITH CHANGES NOTED

REJECTED ☐ REJECTED

EXCEPTIONS AS NOTED (NOT REJECTED) ☒

These documents have been reviewed only for general compliance with the information provided. The Contractor is responsible for confirming and verifying all dimensions, fabrication and construction methods and procedures with all other applicable codes. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: **MAK**

DATE: **06/23/2026**

MAR 19 2026

DOOR-WINDOWALL
TRANSITION MULLION



Revisions:

NO.	DATE	DESCRIPTION
1	08-03-07	BY: [Signature] DATE: 08-03-07
2	11-13-05	NO CHANGE THIS SHEET
3	05-10-01	NO CHANGE THIS SHEET
4	07-18-01	NO CHANGE THIS SHEET
5	03-11-04	GENERAL REVISION

drawing no. **W07-60**

sheet **6.2** of **12**

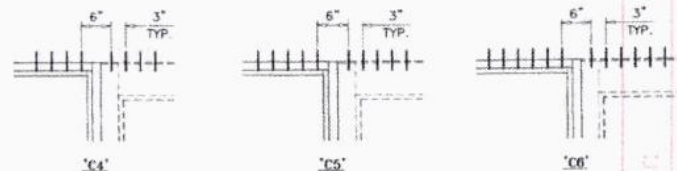
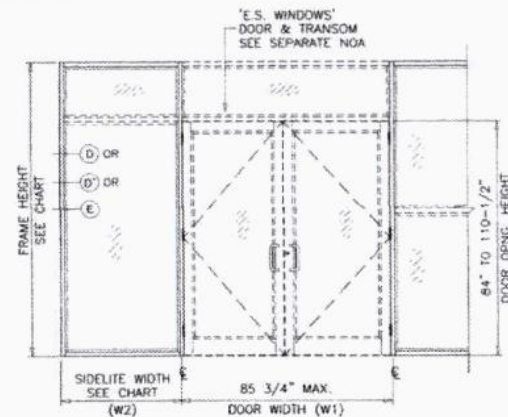
AL FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3518)
 TEL: (305) 262-8978 FAX: (305) 264-8100

SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

DOOR MULLION HEAD ANCHOR LOAD CAPACITY - PSF						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
	30	86	84	89.6	90.0	90.0
	36			85.0	90.0	90.0
	42			80.8	90.0	90.0
	48			77.0	90.0	90.0
	54			73.6	90.0	90.0
	60			70.4	88.0	90.0
	30	102		86.0	90.0	90.0
	36			81.5	90.0	90.0
	42			77.4	90.0	90.0
	48			73.8	90.0	90.0
	54			70.4	88.0	90.0
	60			67.2	86.0	90.0
	30	108		82.7	90.0	90.0
	36			78.3	90.0	90.0
	42			74.3	90.0	90.0
	48			70.8	88.4	90.0
	54			67.7	86.0	90.0
	60			64.5	83.6	90.0
	30	120		75.4	90.0	90.0
	36			71.5	89.4	90.0
	42			68.0	85.0	90.0
	48			64.9	81.0	90.0
	54			61.8	77.0	90.0
	60			58.7	73.0	90.0
	30	102	90	84.1	90.0	90.0
	36			79.7	90.0	90.0
	42			75.8	90.0	90.0
	48			72.3	90.0	90.0
	54			69.1	86.4	90.0
	60			66.0	83.0	90.0
	30	106		76.7	90.0	90.0
	36			72.9	90.0	90.0
	42			69.4	86.8	90.0
	48			66.0	83.5	90.0
	54			62.8	80.0	90.0
	60			59.6	76.6	90.0
	30	114		73.9	90.0	90.0
	36			70.1	87.7	90.0
	42			66.8	84.5	90.0
	48			63.5	81.3	90.0
	54			60.2	78.0	90.0
	60			57.0	74.8	90.0
	30	120		71.2	89.1	90.0
	36			67.6	84.5	90.0
	42			64.3	80.4	90.0
	48			61.0	76.3	90.0

DOOR MULLION HEAD ANCHOR LOAD CAPACITY - PSP						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
85-3/4	30	108	96	79.2	90.0	90.0
	36			75.1	90.0	90.0
	42			71.5	89.3	90.0
	48			68.1	85.2	90.0
	30	114		76.4	90.0	90.0
	36			72.4	90.0	90.0
	42			68.8	86.0	90.0
	48			65.6	82.0	90.0
	30	120		73.8	90.0	90.0
	36			69.9	87.4	90.0
	42			66.4	83.0	90.0
	48			63.2	79.0	90.0
85-3/4	30	114	102	74.9	90.0	90.0
	36			71.0	88.6	90.0
	42			67.6	84.5	90.0
	48			64.4	80.5	90.0
	30	120		72.4	90.0	90.0
	36			68.6	85.7	90.0
	42			65.2	81.5	90.0
	48			62.1	77.7	90.0
85-3/4	30	120	110-1/2	70.4	88.0	90.0
	36			66.8	83.5	90.0
	42			63.6	79.5	90.0
	48			60.7	75.9	90.0

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION

- C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
- C5 = (5) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
- C6 = (6) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION

Project Number: SCI Div/Log Number:

- ☒ NO EXCEPTION TAKEN
- ☒ RESUBMIT AS NOTED
- ☒ REVIEWED
- ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents are to be used only for confirming with this project. The Contractor is responsible for obtaining and providing all necessary information to the Engineer. The Engineer is not responsible for the accuracy of the information provided by the Contractor. The Contractor is responsible for the accuracy of the information provided by the Contractor. The Contractor is responsible for the accuracy of the information provided by the Contractor.

Reviewed by: 7/8/20 Date: 7/8/20

YH CONSULTING ENGINEERS
99 NW 2 Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

TRANSITION MULLION ANCHORS



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33179
TEL: (305) 264-8100

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

STORE: W07-60ES

REVISIONS:

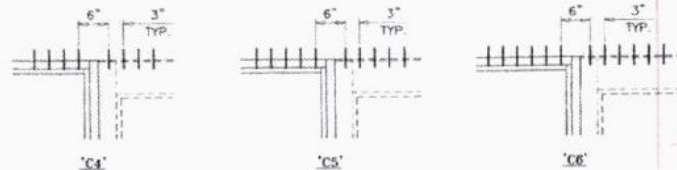
NO.	DATE	BY	DESCRIPTION
1	08-03-07	BY	UPDATED TO 2000 FBC
2	05-10-01	BY	NO CHANGE THIS SHEET
3	07-18-05	BY	NO CHANGE THIS SHEET
4	03-11-24	BY	NO CHANGE THIS SHEET

drawing no. **W07-60**
sheet 7 of 12

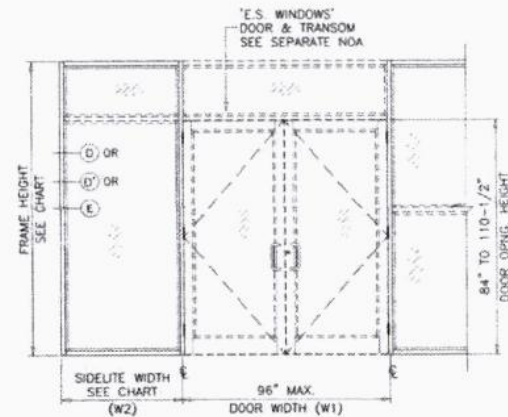
DOOR MULLION HEAD ANCHOR LOAD CAPACITY - PSF						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)
30	30	96	84	82.4	90.0	90.0
36	36	96	84	78.5	90.0	90.0
42	42	96	84	74.9	90.0	90.0
48	48	96	84	71.7	89.6	90.0
54	54	96	84	68.7	85.8	90.0
60	60	96	84	65.9	82.4	90.0
30	30	102	84	79.2	90.0	90.0
36	36	102	84	75.3	90.0	90.0
42	42	102	84	71.8	89.6	90.0
48	48	102	84	68.7	85.8	90.0
54	54	102	84	65.8	82.2	90.0
30	30	108	84	76.2	90.0	90.0
36	36	108	84	72.4	90.0	90.0
42	42	108	84	69.0	86.3	90.0
48	48	108	84	65.9	82.4	90.0
30	30	114	84	73.4	90.0	90.0
36	36	114	84	69.8	87.2	90.0
42	42	114	84	66.4	83.0	90.0
48	48	114	84	63.4	79.2	90.0
30	30	120	84	70.9	88.6	90.0
36	36	120	84	67.3	84.1	90.0
42	42	120	84	64.0	80.0	90.0
48	48	120	84	61.0	76.3	90.0
30	30	126	84	77.3	90.0	90.0
36	36	126	84	73.7	90.0	90.0
42	42	126	84	70.3	87.9	90.0
48	48	126	84	67.3	84.1	90.0
30	30	132	84	64.5	80.6	90.0
36	36	132	84	74.5	90.0	90.0
42	42	132	84	70.9	88.6	90.0
48	48	132	84	67.6	84.5	90.0
30	30	138	84	64.8	80.8	90.0
36	36	138	84	71.8	89.8	90.0
42	42	138	84	68.3	85.4	90.0
48	48	138	84	65.1	81.4	90.0
30	30	144	84	62.2	77.7	90.0
36	36	144	84	69.4	86.7	90.0
42	42	144	84	65.9	82.4	90.0
48	48	144	84	62.8	78.5	90.0
30	30	150	84	59.9	74.9	89.9

DOOR MULLION HEAD ANCHOR LOAD CAPACITY - PSF						
NOMINAL DIMS.				'C4'	'C5'	'C6'
WIDTH (W1) INCHES	WIDTH (W2) INCHES	FRAME HEIGHT INCHES	DOOR HEIGHT INCHES	EXT (+) INT (-)	EXT (+) INT (-)	EXT (+) INT (-)
30	30	108	96	72.8	90.0	90.0
36	36	108	96	69.4	86.7	90.0
42	42	108	96	66.3	82.8	90.0
48	48	108	96	63.4	79.2	90.0
30	30	114	96	70.3	87.9	90.0
36	36	114	96	66.9	83.7	90.0
42	42	114	96	63.8	79.8	90.0
48	48	114	96	61.0	76.3	90.0
30	30	120	96	68.0	84.9	90.0
36	36	120	96	64.6	80.6	90.0
42	42	120	96	61.6	77.0	90.0
48	48	120	96	58.9	73.6	88.3
30	30	126	96	68.8	86.1	90.0
36	36	126	96	65.6	82.0	90.0
42	42	126	96	62.6	78.3	90.0
48	48	126	96	59.9	74.9	89.9
30	30	132	96	66.6	83.2	90.0
36	36	132	96	63.4	79.2	90.0
42	42	132	96	60.5	75.6	90.0
48	48	132	96	57.8	72.3	86.7
30	30	138	96	64.7	80.9	90.0
36	36	138	96	61.7	77.1	90.0
42	42	138	96	58.9	73.7	88.4
48	48	138	96	56.4	70.5	84.6
30	30	144	96	57.8	72.3	86.7
36	36	144	96	54.9	68.7	82.4
42	42	144	96	52.3	65.4	78.5
48	48	144	96	49.9	62.4	74.9

INTERPOLATION BETWEEN WIDTHS OR HEIGHTS ALLOWED.



ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION
 C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
 C5 = (5) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
 C6 = (6) ANCHORS TYPE 'C' AT EACH SIDE OF DOOR MULLION
 ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

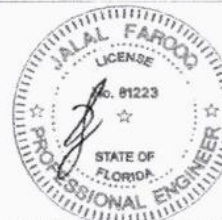


Project Number: SCI Div/Log Nur
 NO EXCEPTION TAKEN
 RESUBMIT AS NOTED (NOT REQUIRED TO RESUBMIT)
 REVIEWED
 EXEMPT
 THIS REVIEW IS FOR INFORMATION ONLY. THE REVIEWER IS NOT RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE PROJECT. THE REVIEWER IS NOT RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE PROJECT. THE REVIEWER IS NOT RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE PROJECT.

Date: 7/10/20
 E.S. CONSULTING ENGINEERS
 5907 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453
 Reviewed by: EN
 MAR 19 2024

SHOP DRAWING SUBMITTAL REVIEW
☒ APPROVED WITH CHANGES NOTED
☐ REJECTED
☐ REVISE AND RESUBMIT
 SUBMITTAL AND REVISIONS FOR DESIGN CONFIRMATION AND CONSTRUCTION OF THE PROJECT. THE REVIEWER IS NOT RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE PROJECT. THE REVIEWER IS NOT RESPONSIBLE FOR THE DESIGN OR THE CONSTRUCTION OF THE PROJECT.

TRANSITION MULLION ANCHORS



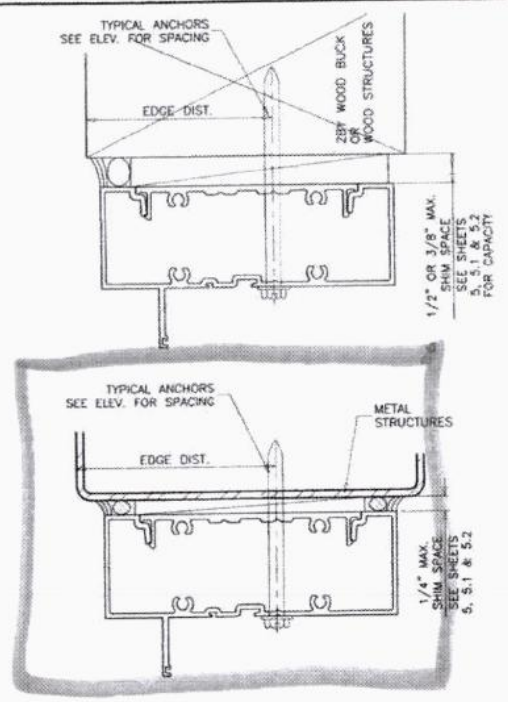
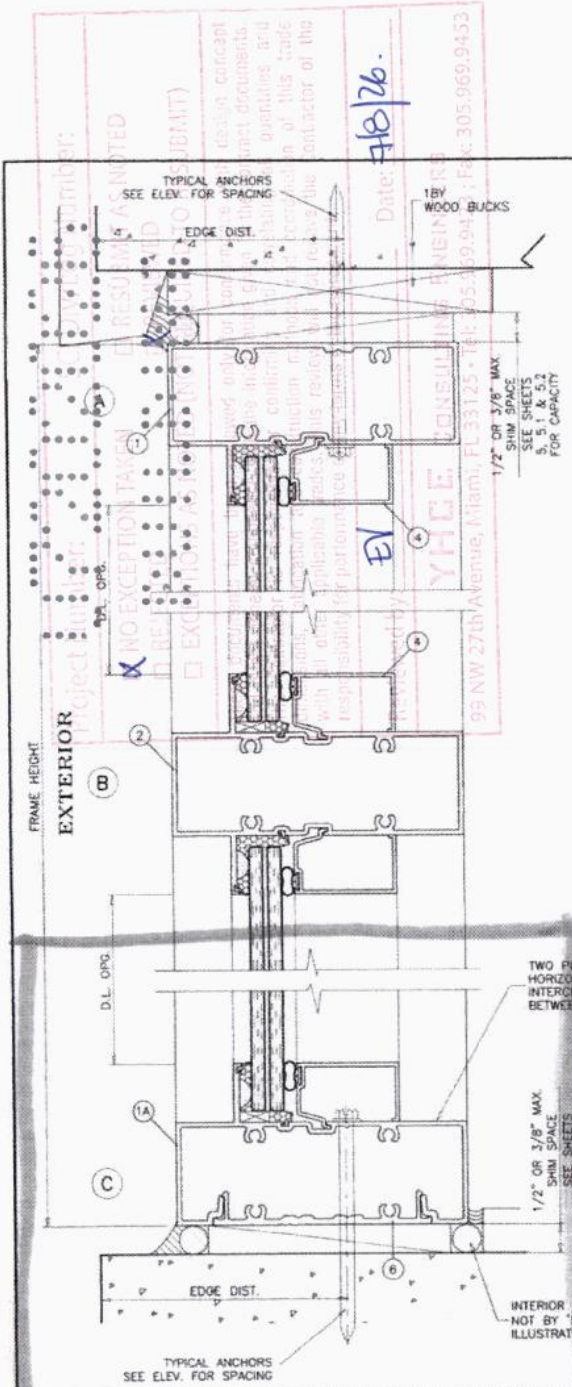
AL FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL (305) 264-8100

STORE W07-60ES

SEPERES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL (305) 638-5151 FAX (305) 638-5158

Revisions:
 1. 01/12/20
 2. 07/18/24
 3. 03/11/24

date: 06-01-07
 by: [Signature]
 checked by: [Signature]
 drawing no: W07-60
 sheet 7.1 of 12



SHOP DRAWING/REVISIONAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

REJECTED: ☐ REJECTED ☐ REVISED AND RE-SUBMITTED

REMARKS: (FOR REVISIONS, REVISIONS SHOULD BE INDICATED BY CIRCLES AND NUMBERS. THE DESIGNER IS RESPONSIBLE FOR CORRECTING AND RE-SUBMITTING THE SHOP DRAWING. THE SHOP DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS APPROVED BY THE ARCHITECT. THE ARCHITECT'S APPROVAL IS NOT A GUARANTEE OF THE ACCURACY OF THE SHOP DRAWING. THE ARCHITECT'S APPROVAL IS NOT A GUARANTEE OF THE ACCURACY OF THE SHOP DRAWING. THE ARCHITECT'S APPROVAL IS NOT A GUARANTEE OF THE ACCURACY OF THE SHOP DRAWING.)

DATE: 06/23/2026

BY: [Signature]

FOR: [Signature]

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

WOOD BUCKS AND METAL STRUCTURES NOT BY 'E.S. WDW.' MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING.
- TYPE 'A' - 1/4" DIA ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.
- ANCHOR EDGE DISTANCES**
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
- TYPE 'B' - 1/4" DIA KWIK-CON II+ BY 'HILTI'** (Fu=138 KSI, Fy=137 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.
- ANCHOR EDGE DISTANCES**
 INTO CONCRETE AND MASONRY = 3" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
- TYPE 'C' - 5/16" DIA ULTRACON BY 'DEWALT'** (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.
- ANCHOR EDGE DISTANCES**
 INTO CONCRETE AND MASONRY = 3" MIN.
 INTO WOOD STRUCTURE = 1-1/4" MIN.
- TYPE 'D' - 1/4" DIA TEKS OR SELF DRILLING SCREWS ST/ST (GRADE 5 ORS)**
 INTO METAL STRUCTURES (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 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)
- ANCHOR EDGE DISTANCES**
 INTO METAL STRUCTURE = 1/2" MIN.
- WOOD AT HEAD, SILL 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.



MAR 19 2024

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL: (305) 262-6978 FAX: (305) 264-8100

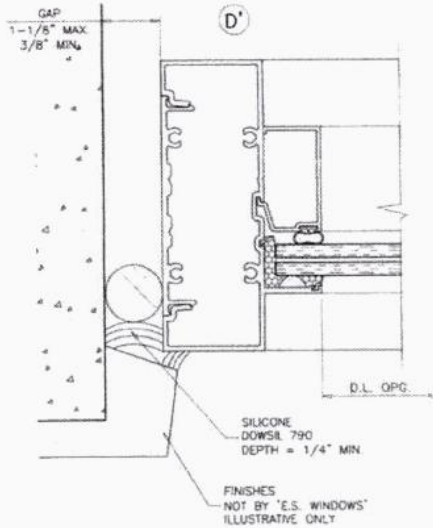
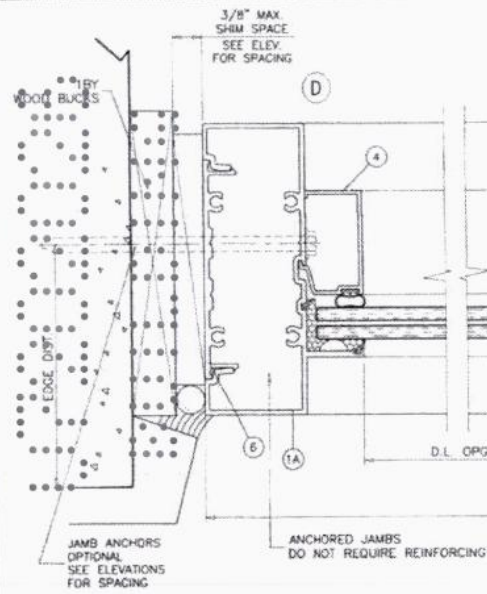
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL, 33142
 TEL: (305) 638-5151 FAX: (305) 638-5158

REVISIONS:

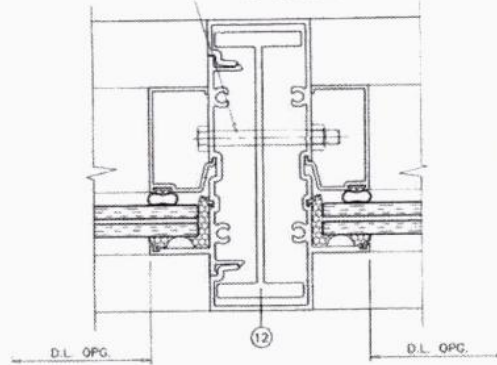
NO.	DATE	DESCRIPTION
1	06/23/2026	UPDATED TO 2026 FBC
2	06/23/2026	NO CHANGE THIS SHEET
3	06/23/2026	NO CHANGE THIS SHEET
4	06/23/2026	NO CHANGE THIS SHEET

DATE: 06-03-07
 SCALE: 1/2" = 1"
 DR. BY: TARIQ
 CHK. BY:

DRAWING NO. **W07-60**
 SHEET **8** OF 12



1/4" DIA. BOLTS WITH NUTS
AT 6" FROM ENDS
AND 18-1/2" O.C. MAX.



EXTERIOR
FRAME WIDTH

Picture Number: 3/18/2026

Log Number: 3/18/2026

NO EXCEPTION TAKEN

REJECTED

EXCEPTION

WITHOUT REINF. SEE SHEETS 3.1 & 4.1 FOR CAPACITY

These documents have been reviewed for compliance with design code and latest practice with the information given in the contract documents. The Contractor is responsible for confirming and coordinating all quantities, methods, techniques, and construction methods and coordination of this work with all other trades. The Contractor will not remove the Contractor of this responsibility for performance of any portion of the agreement.

Reviewed by: 7/8/26

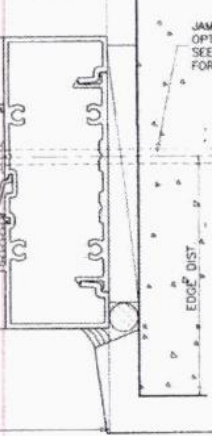
Date: 7/8/26

UNREGISTERED ENGINEER

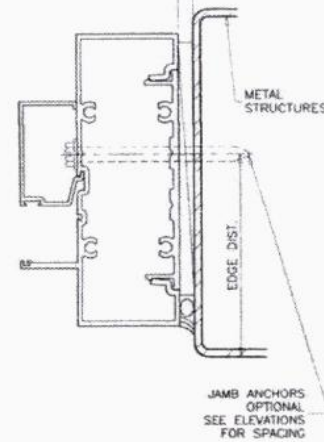
33125 - Tel: 305.669.9423, Fax: 305.669.9432

99 NW 27th Avenue, Miami, FL 33125

3/8" MAX.
SHIM SPACE
SEE ELEV.
FOR SPACING



1/4" MAX.
SHIM SPACE
SEE ELEV.
FOR SPACING



SHOP DRAWING SUBMITTAL REVIEW

APPROVED ☐ APPROVED WITH CHANGES NOTED ☐ REJECTED ☐ PROVIDE AND RESUBMIT ☐

SUBMITTAL WAS RETURNED FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK Inc.
1101 S. 12th St.
Miami, FL 33130
Tel: 305.669.9423
Fax: 305.669.9432
E: info@mak-inc.com

BY: [Signature]
DATE: 06/23/2026

MAR 19 2024



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
STORE W07-60ES

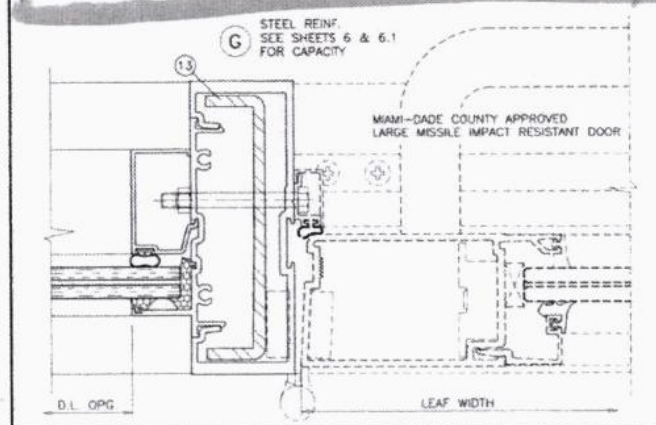
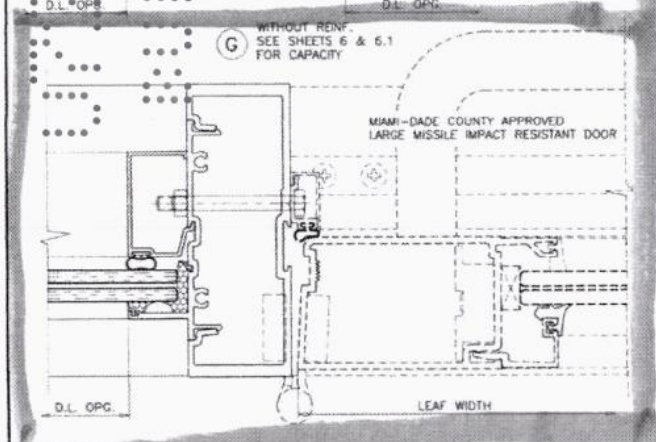
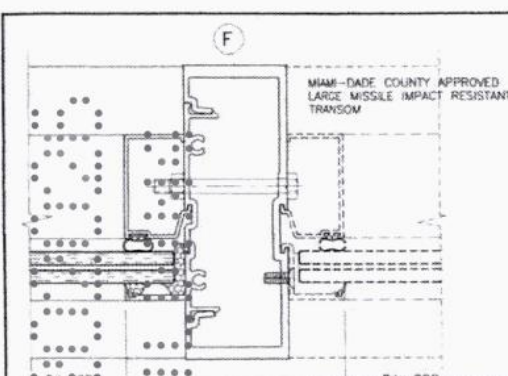
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)

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

NO	DATE	DESCRIPTION
1	06/23/26	GENERAL REVISION
2	07/18/26	NO CHANGE THIS SHEET
3	03/11/24	NO CHANGE THIS SHEET

date: 06-03-07
scale: 1/2" = 1"
drawn by: TARG
chk by:

drawing no: **W07-60**
sheet 9 of 12



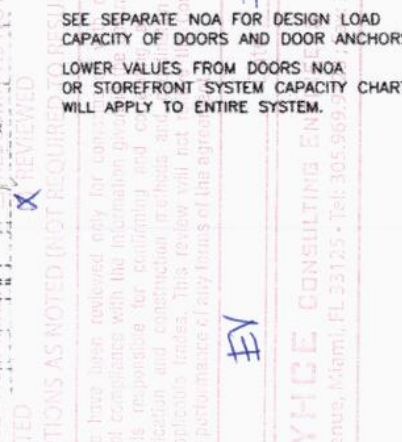
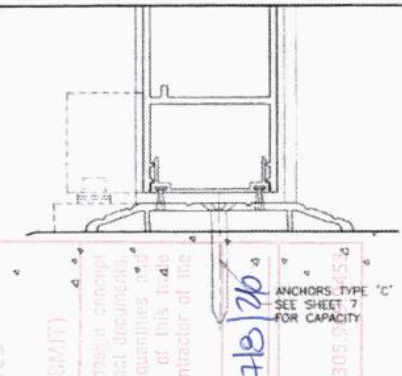
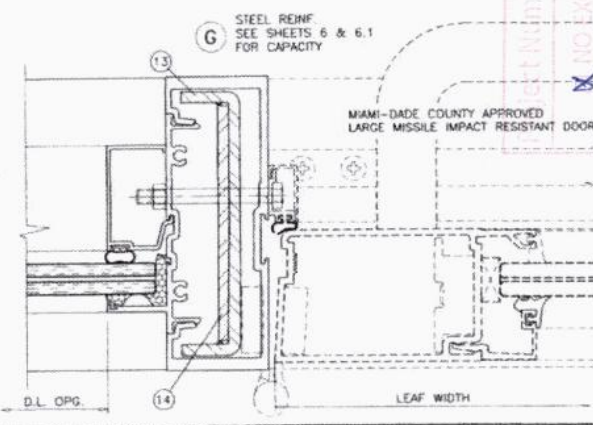
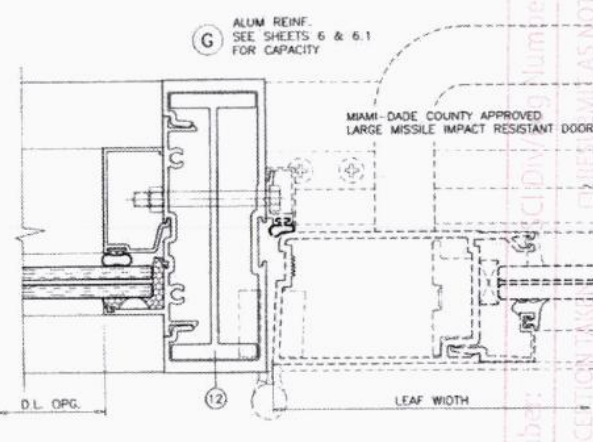
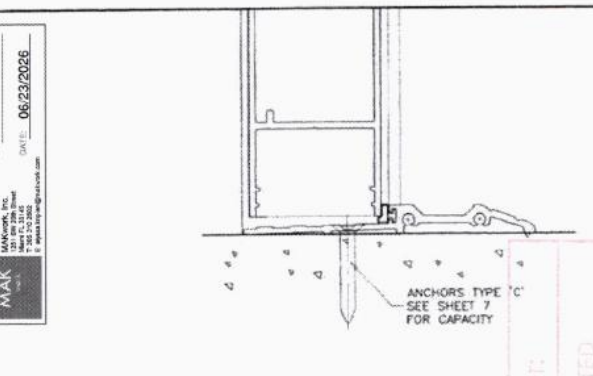
SHOP DRAWING SUBMITTAL REVIEW

APPROVED ☒ APPROVED WITH CHANGES NOTED ☐

REJECTED ☐ REVISED AND RESUBMIT ☐

MAK CONSULTING, INC.
121 SW 25th Street
Miami, FL 33135
TEL: (305) 362-2000
FAX: (305) 362-2001
E: info@makconsulting.com

BY: *MAK* DATE: 06/23/2026



SEE SEPARATE NOA FOR DESIGN LOAD CAPACITY OF DOORS AND DOOR ANCHORS.

LOWER VALUES FROM DOORS NOA OR STOREFRONT SYSTEM CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

These documents have been reviewed only for consistency with the information given in the contract documents. The Contractor is responsible for confirming and coordinating all dimensions, fabrication and construction methods and with all other applicable codes. This review will not constitute a guarantee of performance or any form of the agreement.

Reviewed by: *EV*

YHCE CONSULTING ENGINEERS
95 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.4453

MAR 19 2024



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 264-8100 FAX: (305) 262-8978

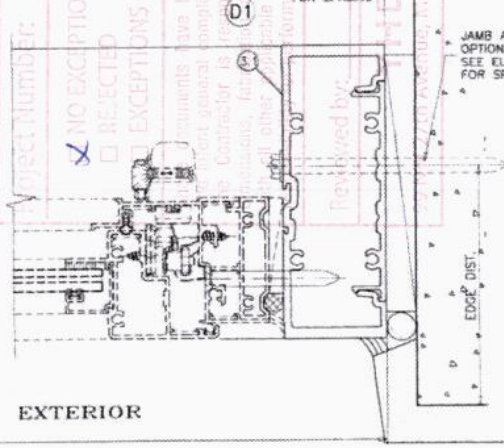
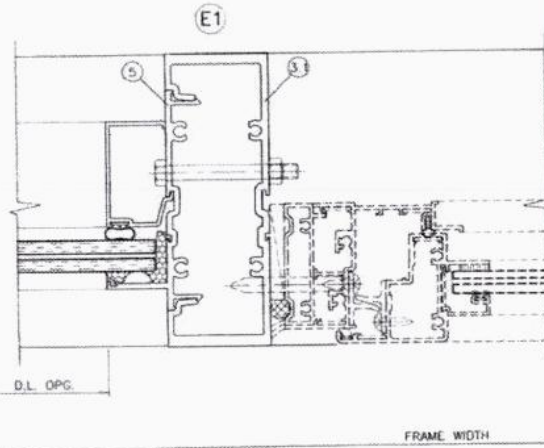
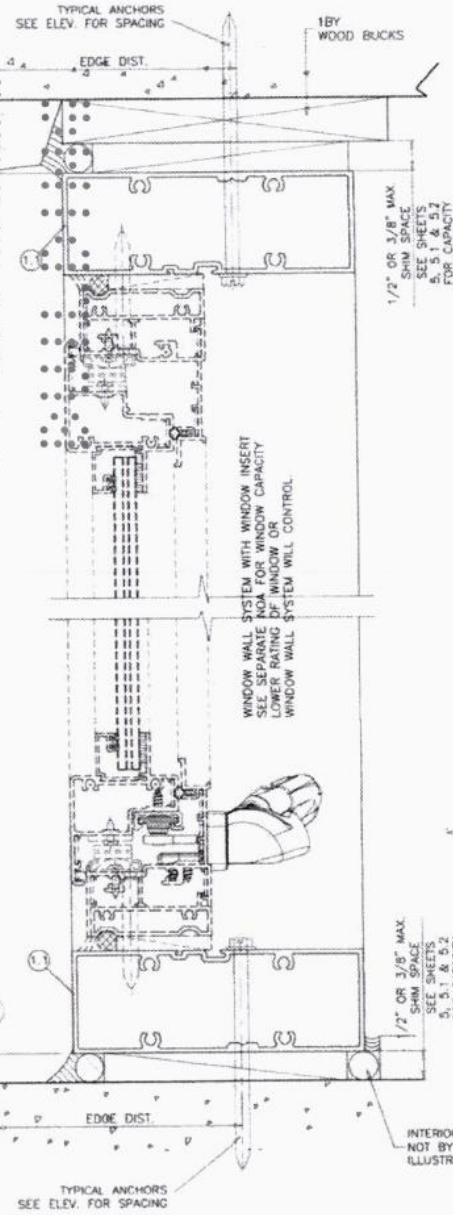
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)

Revisions:	no.	date	by	description
1	08-03-07	11-12-20	UPDATED TO 2020 IBC	
2	05-10-21	NO CHANGE THIS SHEET		
3	07-18-23	NO CHANGE THIS SHEET		
4	03-17-24	NO CHANGE THIS SHEET		

drawing no. **W07-60**
sheet 10 of 12

FRAME HEIGHT
EXTERIOR



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☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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BY: AK DATE: 06/23/2026

MAKwork, Inc.
120 SW 20th Street
Miami, FL 33135
TEL: 305.969.9423
E: alyssa.kramer@makwork.com

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

Comments have been reviewed only for conformance with design concept and general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and clearances, quantities, processes and techniques of construction, coordination of this trade with other trades, and full compliance with the contract documents or any terms of the agreement.

Reviewed by: EN Date: 7/8/26

3/8" MAX SHIM SPACE SEE ELEV. FOR SPACING

CONSULTING ENGINEERS
33125 • Tel: 305.969.9423 • Fax: 305.969.9453

MAR 19 2024



Revisions:	NO	DATE	BY	DESCRIPTION
1	03/11/24			GENERAL REVISION
2				
3				

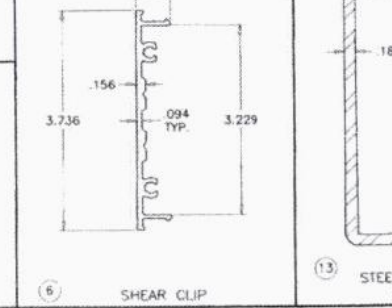
date: 08-03-07
scale: 1/2" = 1"
drawn by: TADG
checked by:

drawing no: W07-60
sheet 10 of 12

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 264-8100 FAX: (305) 262-8978
STORE W07-60E5

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5156

SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)



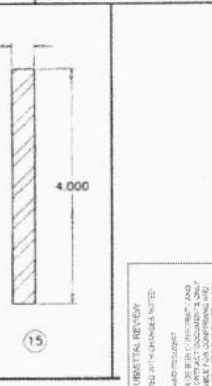
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125 TYP.

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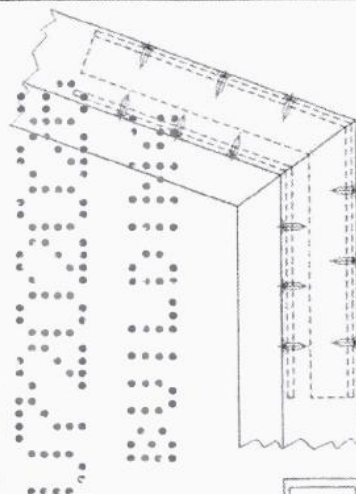
SERIES 8000 ALUM WINDOW WALL SYSTEM (L.M.)



A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 81223" is in the center, and "STATE OF FLORIDA" is at the bottom. A stylized signature is written across the center of the seal.

date	08-03-07	scale	1/2" = 1"	drawing no.	W07-60																				
drawn by	TARG	checked by		sheet	11 of 12																				
revisions:	<table border="1"> <thead> <tr> <th>no.</th> <th>date</th> <th>by</th> <th>description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>01.12.20</td> <td></td> <td>UPDATED TO 2020 FBC</td> </tr> <tr> <td>2</td> <td>04.06.10</td> <td></td> <td>CENGRAL REVISION</td> </tr> <tr> <td>3</td> <td>07.18.23</td> <td></td> <td>NO CHANGE THIS SHEET</td> </tr> <tr> <td>4</td> <td>03.11.24</td> <td></td> <td>NO CHANGE THIS SHEET</td> </tr> </tbody> </table>					no.	date	by	description	1	01.12.20		UPDATED TO 2020 FBC	2	04.06.10		CENGRAL REVISION	3	07.18.23		NO CHANGE THIS SHEET	4	03.11.24		NO CHANGE THIS SHEET
no.	date	by	description																						
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2	04.06.10		CENGRAL REVISION																						
3	07.18.23		NO CHANGE THIS SHEET																						
4	03.11.24		NO CHANGE THIS SHEET																						

333



SHOP DRAWING SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES LISTED

☐ REJECTED ☐ REJECT AND RESUBMIT

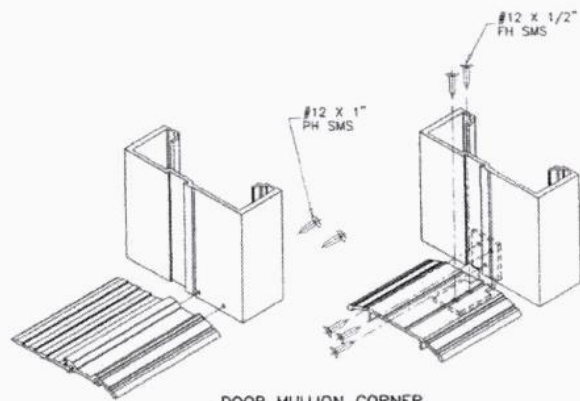
REVIEWER'S COMMENTS: SUBMITTAL CONFORMS TO CONTRACT DOCUMENTS ONLY. NO CHANGES REQUIRED. REVIEWER'S SIGNATURE: [Signature] DATE: 08/23/2026

MAK [Signature] DATE: 08/23/2026

5/8" x 1/8" ALUM PLATE BENT TO MATCH JOINT SECURED WITH #8 SMS (3) PER SIDE OF JOINT

5/16 x 1 x 1/8" ALUM ANGLE BENT TO MATCH JOINT SECURED WITH #8 SMS (3) PER SIDE OF JOINT

CIRCULAR OR ANGLED CORNERS



DOOR MULLION CORNER

Project Number: SCI Dwg/Log Number:

EXCEPTION TAKEN ☐ RESUBMIT AS NOTED ☒ REVIEWED ☒

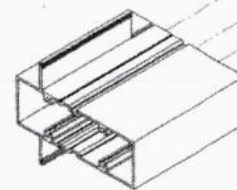
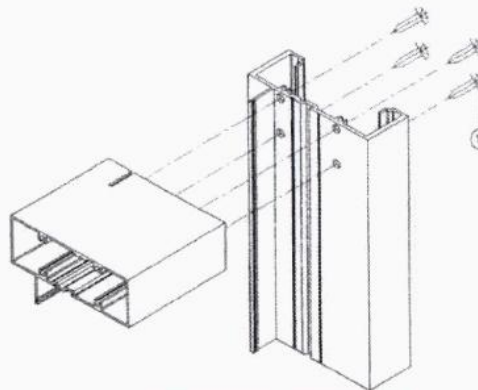
REVISIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

REVIEWER'S COMMENTS: THIS DRAWING HAS BEEN REVIEWED ONLY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS AND CONDITIONS WITH THE INFORMATION SHOWN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS AND CONDITIONS WITH THE INFORMATION SHOWN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS AND CONDITIONS WITH THE INFORMATION SHOWN IN THE CONTRACT DOCUMENTS.

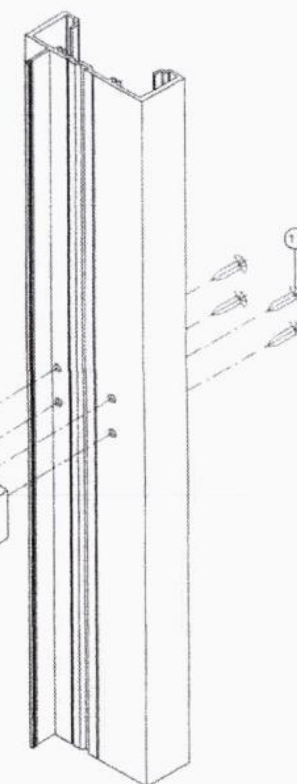
Reviewed by: [Signature] Date: 7/8/26

YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33125
Tel: 305.969.9423 ; Fax: 305.969.9453

RECT. OR SQUARE CORNERS



HORIZONTAL CORNER



MAR 19 2024



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-8978
STORE W07-60ES

Series 8000 ALUM WINDOW WALL SYSTEM (L.M.I.)

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

NO.	DATE	DESCRIPTION
1	08-03-07	ISSUED FOR RFP
2	08-12-07	NO CHANGE THIS SHEET
3	09-18-07	NO CHANGE THIS SHEET
4	03-11-24	NO CHANGE THIS SHEET

drawing no. W07-60
sheet 12 of 12

FLORIDA DEPARTMENT OF
Business & Professional Regulation

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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#)

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Search Criteria

[Refine Search](#)

Code Version	2023	FL#	22527
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL22527-R12 History	Revision	E.S. Windows, Inc. Category: Exterior Doors Subcategory: Swinging Exterior Door Assemblies	Abel Carrasco, PE (305) 497-3093	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:



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☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

BY: 

DATE: 06/23/2026

MAK work
MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2802
E: alyssa.kriplem@makwork.com

Project Number: _____ SCI Div/Log Number: _____

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by:  Date: 7/8/26

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Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

OFFICE OF THE
SECRETARY

FL #

Application Type

Code Version

Application Status

Comments

Archived

Product Manufacturer

Address/Phone/Email

Authorized Signature

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Compliance Method

Florida Engineer or Architect Name who developed
the Evaluation Report

Florida License

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Certificate of Independence

Referenced Standard and Year (of Standard)

FL22527-R13

Revision

2023

Approved

E.S. Windows, Inc.

10653 NE Quaybridge Ct.

Miami, FL 33138

(305) 638-5151

ssabagh@energiasolarsa.com

Jalal Farooq

veronica@afceng.com

Samir Sabagh

3550 NW 49th St.

Miami, FL 33142

(305) 638-5151

ssabagh@energiasolarsa.com

Reviewed by:

Exterior Doors

Swinging Exterior Door Assemblies

Evaluation Report from a Florida Registered Architect or a Licensed Florida
Professional Engineer

☐ Evaluation Report - Hardcopy Received

Jalal Farooq

PE-81223

Keystone Certifications, Inc.

07/16/2035

Abel Carrasco, PE

✓ Validation Checklist - Hardcopy Received

FL22527 R13 COI SS - Certificate of Independence 2022.pdf

Standard

ASTM E1886

ASTM E1996

TAS 201

TAS 202

TAS 203

Year

2013

2017

1994

1994

1994

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CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF
CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER
TRADES AND FULL COMPLIANCE WITH THE CONTRACT
DOCUMENTS.

MAK
work

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2602
E: alyssa.kriplen@makwork.com

BY:

DATE: 06/23/2026

SCI Div/Log Number:

☒ NO EXCEPTION TAKEN
☐ REJECTED

☐ RESUBMIT AS NOTED

☒ REVIEWED

EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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responsibility for performance of any terms of the agreement.

ssabagh@energiasolarsa.com

Reviewed by:

EV

Date: 7/8/2026

YHCE CONSULTING ENGINEERS

99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Date Submitted

Date Validated

Date Pending FBC Approval

Date Approved

Florida Licensed Professional Engineer or Architect
FL22527_R13_Equiv SS - Equiv Ltr ASTM F1886-1996.pdf

Project Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED
☐ REJECTED ☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

Method 1 Option D

06/17/2025

06/21/2025

06/24/2025

08/12/2025

Reviewed by:

JV

Date: 7/8/26.

Summary of Products

FL #	Model, Number or Name	Description
22527.1	Series ES-9000 Aluminum Outswing French Door	Large missile impact resistant aluminum outswing door
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +120/-130 Other: See attached drawing W17-91 for installation instructions.		Installation Instructions FL22527_R13_II_SS-9000_OS_ED (LMI) - DWG W17-91 2023.1.pdf Verified By: Jalal Farooq PE# 81223 Created by Independent Third Party: Yes Evaluation Reports FL22527_R13_AE_SS-9000_OS_Door (LMI)-PAE 2023.pdf Created by Independent Third Party: Yes
22527.2	Series ES-9000-10 Aluminum Outswing French Door	Large missile impact resistant aluminum outswing door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +114/-114 Other: See attached drawing 18-58F for installation instructions.		Installation Instructions FL22527_R13_II_SS-9000-10_FD (LMI) - DWG 18-58F 2023 R1.pdf Verified By: Jalal Farooq PE #81223 Created by Independent Third Party: Yes Evaluation Reports FL22527_R13_AE_SS-9000-10_OS_Door (LMI)-PAE 2023.pdf Created by Independent Third Party: Yes
22527.3	Series ES-9100 Aluminum Outswing Door	Small missile impact resistant aluminum outswing door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +120/-150 Other: See attached drawing W17-56 for installation instructions.		Installation Instructions FL22527_R13_II_SS-9100_OS_Door (SMI) - DWG W17-56 (2023.1).pdf Verified By: Jalal Farooq PE # 81223 Created by Independent Third Party: Yes Evaluation Reports FL22527_R13_AE_SS-9100_OS_Door (SMI)-PAE 2023.pdf Created by Independent Third Party: Yes

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MAK
work
MAKwork, Inc.
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T: 305 310 2802
E: alyssa.kriplen@makwork.com

BY: 
DATE: 06/23/2026

Back Next

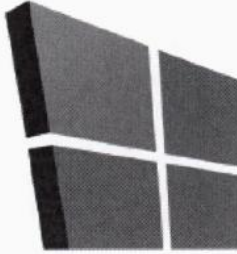
4419 Stone Road, Tallahassee FL 32309 Phone: 850-487-1824

007-2013 State of Florida. :: Privacy Statement :: Accessibility Statement :: Refund Statement

I do not want your e-mail address released in response to a public-records request, do not send electronic by traditional mail. If you have any questions, please contact 850.487.1395. Pursuant to Section 455, F.S., must provide the Department with an email address if they have cation with the licensee. However email addresses are public record. If you do not wish to supply a il address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

August 26, 2022

Product Approval Administrator
Building Codes & Standards Section
Department of Business & Professional Regulations
1940 North Monroe Street, Suite 90
Tallahassee, FL 32399-2100

To whom it may concern,

As the design engineer retained to prepare the product approval(s) associated with this letter as shown below on this same web page, I do hereby declare that I do not have and will not have any financial interest in any company manufacturing or distributing the referenced product(s), nor do I have or will have any financial interest with any other entity involved in the approval process of the referenced product(s).

Sincerely,



Sealed: 8/26/2022

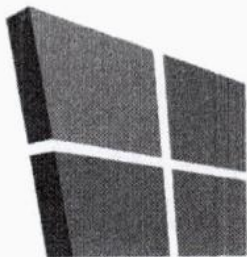
Jalal Farooq, P.E.
CFO

SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.	
MAK work	BY: DATE: 06/23/2026
MAKwork, Inc. 1251 SW 20th Street Miami, FL 33145 T: 305.310.2602 E: alyssa.kriplen@makwork.com	

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and execution of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.	
Reviewed by:	Date: 8/26/2022

9360 Sunset Drive, Suite 220 | Miami, FL 33173 | T: 305.264.8100 | F: 305.262.6978 | www.afceng.com | alfarooq@afceng.com

69 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 ; Fax: 305.969.9453



AL-FAROOQ CORPORATION

CONSULTING ENGINEERS & PRODUCT DEVELOPMENT

PRODUCT APPROVAL EVALUATION RULE CHAPTER #61G20-3 • METHOD 1 OPTION D

FL 22527

Date: 07/18/2023

Detailed Product Description:

Manufacturer: E.S. WINDOWS, LLC.

Manufacturer Address: 3550 N.W. 49 STREET – MIAMI, FL. 33142

Model Name: SERIES ES-9000 ALUMINUM OUTSWING DOOR

Maximum Load: +120 PSF, -130 PSF (Large Missile Impact)

Installation Drawings # W17-91

Project Number:

SCI Div/Log Number:

☒ NO EXCEPTION TAKEN

☐ RESUBMIT AS NOTED

☐ DEFECTED

☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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This product complies with the High Velocity Hurricane Zone (HVHZ) testing requirements.

For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.

Comparative analysis used ☐ Yes ☒ No

Mandatory Tests (Tested in accordance with AAMA 101/I.S.2/NAFS/TAS-202)

TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
ASTM E283	Air Infiltration Leakage	Fenestration Testing, Inc	05/10/2008 09/09/2009 05/03/2013	FTL-5554 FTL-5992 FTL-7242	Carlos S. Rionda, PE Marlin. D. Brinson, PE Marlin. D. Brinson, PE
		Blackwater Testing Inc.	06/13/2017 05/17/2018 06/15/2021	BW-ESW-17-020 BW-ESW-18-004 BT-ESW-20-036B	Constantin Bortes, PE Constantin Bortes, PE Michael Caldwell, PE
ASTM E331 OR ASTM 547 & TAS 202	Water Penetration	Fenestration Testing, Inc	09/09/2009 05/03/2013 05/17/2018 06/15/2021	FTL-5992 FTL-7242 BW-ESW-18-004 BT-ESW-20-036B	Marlin. D. Brinson, PE Marlin. D. Brinson, PE Constantin Bortes, PE Michael Caldwell, PE
ASTM E330 & TAS 202	Uniform Static Air Press.	Fenestration Testing, Inc	04/27/2008 05/10/2008 09/09/2009 05/03/2013	FTL-5556 FTL-5554 FTL-5992 FTL-7242	Carlos S. Rionda, PE Carlos S. Rionda, PE Marlin. D. Brinson, PE Marlin. D. Brinson, PE
		Blackwater Testing Inc.	06/13/2017 05/17/2018 06/15/2021	BW-ESW-17-020 BW-ESW-18-004 BT-ESW-20-036B	Constantin Bortes, PE Constantin Bortes, PE Michael Caldwell, PE
AAMA 1304	Forced Entry Test	Fenestration Testing, Inc	05/10/2008 09/09/2009 05/03/2013	FTL-5554 FTL-5992 FTL-7242	Carlos S. Rionda, PE Marlin. D. Brinson, PE Marlin. D. Brinson, PE
		Blackwater Testing Inc.	06/13/2017 05/17/2018 06/15/2021	BW-ESW-17-020 BW-ESW-18-004 BT-ESW-20-036B	Constantin Bortes, PE Constantin Bortes, PE Michael Caldwell, PE

SHOP DRAWING/SUBMITTAL REVIEW

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☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK Inc. 1311 1st Ave. Suite 1100 Miami, FL 33133 Tel: 305.262.6978 Fax: 305.262.6978

DATE: 06/23/2026

REV

Supplemental Tests (Tested in accordance with TAS-201 and TAS-203)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
FBC 1626.2 (TAS 201 & 203) ASTM E1886/1996	Large Missile Impact & Cyclic	Fenestration Testing Laboratory	04/27/2008	FTL-5556	Carlos S. Rionda, PE
			05/10/2008	FTL-5554	Carlos S. Rionda, PE
			09/09/2009	FTL-5992	Marlin D. Brinson, PE
		Blackwater Testing Inc.	05/03/2013	FTL-7242	Marlin D. Brinson, PE
			06/13/2017	BW-ESW-17-020	Constantin Bortes, PE
			05/17/2018	BW-ESW-18-004	Constantin Bortes, PE
06/15/2021	BT-ESW-20-036B	Michael Caldwell, PE			

Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2023 Florida Building Code.

Evaluation Report Engineer: Jalal Farooq Al-Farooq Corporation PE # 81223 EB # 3538	 Sealed: 8/1/2023
---	---

SHOP DRAWING/SUBMITTAL REVIEW

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MAK
work

BY: 
 DATE: 06/23/2026

MAKwork, Inc.
 1251 SW 20th Street
 Miami FL 33145
 T: 305 310 2602
 E: alyssa.kriplen@makwork.com

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN ☐ REJECTED ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	☐ RESUBMIT AS NOTED ☒ REVIEWED
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Reviewed by: 	Date: 7/8/26
YHCE CONSULTING ENGINEERS 99 NW 37th Avenue, Miami, FL 33125 • Tel: 305.969.9423 ; Fax: 305.969.9453	

SHOP DRAWING/SUBMITTAL REVIEW

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MAKwork, Inc.
1251 NW 9th Street
Miami, FL 33140
Tel: (305) 510 2802
E: alysa@makwork.com

BY: 

DATE: 06/23/2026

SERIES 9000

ALUMINUM OUTSWING ENTRANCE DOOR

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF SINGLE DOORS WITH OR WITHOUT TRANSOMS.

SEE SHEETS 3 & 4 FOR DESIGN LOAD CAPACITY OF DOUBLE DOORS WITH OR WITHOUT TRANSOMS.

SEE SHEET 5 FOR DESIGN LOAD CAPACITY OF SINGLE AND DOUBLE DOORS WITHOUT TRANSOMS WITH ADDITIONAL OPTIONS.

SEE SHEET 6 FOR DESIGN LOAD CAPACITY OF SINGLE DOORS WITHOUT TRANSOMS WITH HIGHER LOAD CAPACITY.

DOORS CAN ALSO BE USED WITH E.S. WINDOWS SERIES ES-8000, ES-8000T OR SERIES 9500 STOREFRONT SYSTEMS UNDER SEPARATE APPROVAL. DOOR MULLION ATTACHMENT, END LOAD AND CAPACITY TO BE REVIEWED BY BUILDING OFFICIAL.

DOORS WITH STANDARD, SADDLE AND MEDIUM THRESHOLDS ARE NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. DOORS USING ES-9026 (HIGH THRESHOLD OPTION) ARE APPROVED FOR WATER INFILTRATION RESISTANCE. SEE SHEETS 8 & 9 FOR DETAILS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/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 2020/2023 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)".

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN
☐ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent. General compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of the work with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Date: 7/8/26

Reviewed by: 

YHCE CONSULTING ENGINEERS

99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.959.9423 • Fax: 305.59.9453

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 15.250" (STD. THRESHOLD)

D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 15.625" (SADDLE THRESHOLD)

D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 15.750" (MED. & HIGH THRESHOLDS)

D.L.O. WIDTH (DOOR) = FRAME WIDTH - 14.0625"

D.L.O. HEIGHT (ES-9500 TRANSOM) = TRANSOM HEIGHT - 5"

D.L.O. WIDTH (ES-9500 TRANSOM) = FRAME WIDTH - 7"

D.L.O. HEIGHT (ES-8000 TRANSOM) = TRANSOM HEIGHT - 5.5"

D.L.O. WIDTH (ES-8000 TRANSOM) = FRAME WIDTH - 5.5"

D.L.O. HEIGHT (ES-8000T TRANSOM) = TRANSOM HEIGHT - 5.5"

D.L.O. WIDTH (ES-8000T TRANSOM) = FRAME WIDTH - 5.5"

LEAF HEIGHT = FRAME HEIGHT - 2.938" (STD. THRESHOLD)

LEAF HEIGHT = FRAME HEIGHT - 2.563" (SADDLE THRESHOLD)

LEAF HEIGHT = FRAME HEIGHT - 2.438" (MED. & HIGH THRESHOLDS)

LEAF WIDTH = FRAME WIDTH - 5.188"

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

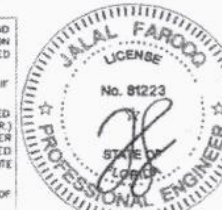
NOTE:

VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

Sealed: 8/30/2023

FL #22527

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



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 W17-91ESW

SERIES-9000 ALUM OUTSWING FRENCH 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:
REV DATE BY DESCRIPTION
1 08/15/19 JALAL FAROOQ GENERAL REVISION
2 10/02/20 UPDATING TO 2020 IRC
3 10/17/22 THRESHOLD OPTION ADDED
4 08/27/23 ES-8000T FRAMES ADDED
5 10/27/23 BECOME WPC STYLE OPTION ADDED

date 10-19-17
code 1/2"x1'-0"
by TAGO
chk. by
drawing no.
W17-91
sheet 1 of 18

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

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MAK
MAKwork, Inc.
1750 P.O. Box 200
Miami, FL 33145
7-305-492-2602
By:
DATE: 06/23/2026

SINGLE DOORS WITH OR WITHOUT TRANSOMS USE CHARTS AS FOLLOWS FOR THE CORRESPONDING DOOR SIZE

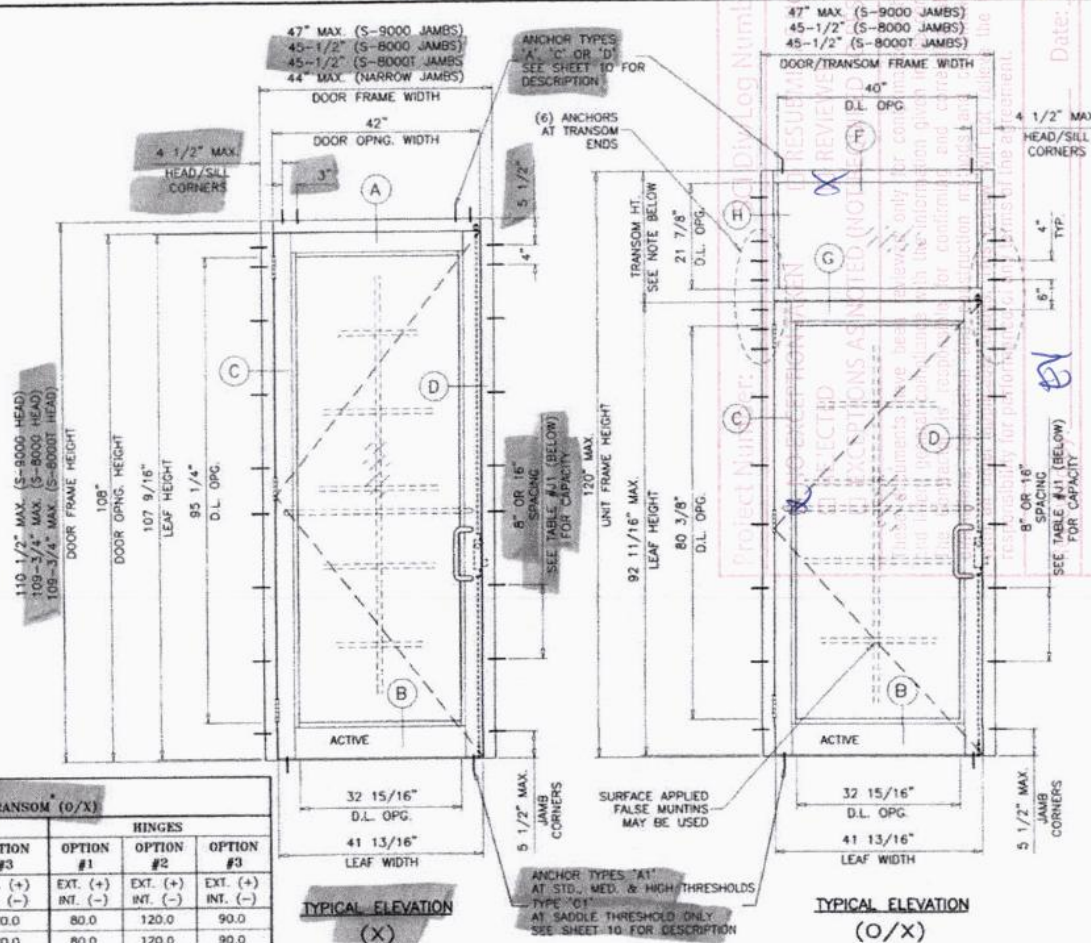
- FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE #01.
- SELECT THRESHOLD TYPE TO BE USED.
NON WATER RATED HIGH THRESHOLD ITEM #E2B (ES-9026) +120.0 PSF
NON WATER RATED MEDIUM THRESHOLD ITEM #E2D (ES-9000-036) +120.0 PSF
NON WATER RATED (STANDARD THRESHOLD +90.0 PSF)
NON WATER RATED (SADDLE THRESHOLD +80.0 PSF)
- FOR JAMB ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #J1.
- TRANSOMS FOR SINGLE DOORS ARE LIMITED TO ±90.0 PSF *
SEE ELEVATION AT RIGHT FOR TRANSOM END ANCHORS.
THE LOWEST VALUES FROM STEPS 1, 2, 3 AND 4 WILL GOVERN.

TABLE #01 DOORS LOAD CAPACITY - PSF									
SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X)									
DOOR DIMS.		GLASS		LOCKS		HINGES			
DOOR OPS. WIDTH	DOOR OPS. HEIGHT	TYPE 'A'	TYPE 'B'/'C'	TYPE 'A2'/'C1'/'D'	OPTION #1	OPTION #2/2.1	OPTION #3	OPTION #1	OPTION #2
EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
42"	96"	80.0	120.0	90.0	80.0	90.0	120.0	80.0	120.0
42"	108"	80.0	120.0	90.0	80.0	90.0	120.0	80.0	120.0

SINGLE DOORS WITH SADDLE THRESHOLD LIMITED TO +80.0, -80.0 PSF
SEE SHEET 7 FOR GLASS TYPES DESCRIPTION
SEE SHEET 16 FOR LOCKS AND HINGES DESCRIPTION

TABLE #J1 JAMB ANCHORS LOAD CAPACITY - PSF (NOT APPLICABLE AT TRANSOM ENDS SEE NOTE 4)													
SINGLE DOORS WITHOUT TRANSOM (X) OR WITH TRANSOM (O/X)													
DOOR DIMS.		1/4" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE			
DOOR OPS. WIDTH	DOOR OPS. HEIGHT	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'B'	ANCHOR 'D'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'B'	ANCHOR 'D'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'B'	ANCHOR 'D'
EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
35"	108"	112.5	120.0	120.0	120.0	120.0	120.0	82.5	82.5	120.0	120.0	64.2	92.7
42"	108"	95.7	111.0	120.0	120.0	120.0	120.0	70.2	100.0	120.0	120.0	54.6	78.9

SEE SHEET 10 FOR ANCHOR DESCRIPTION

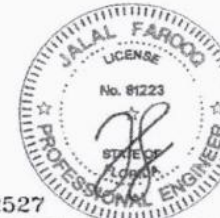


TRANSOM HEIGHTS:
27" MAX. FOR S-8000 TRANSOM
36" MAX. FOR S-8000T TRANSOM

Sealed: 8/30/2023

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

FL #22527



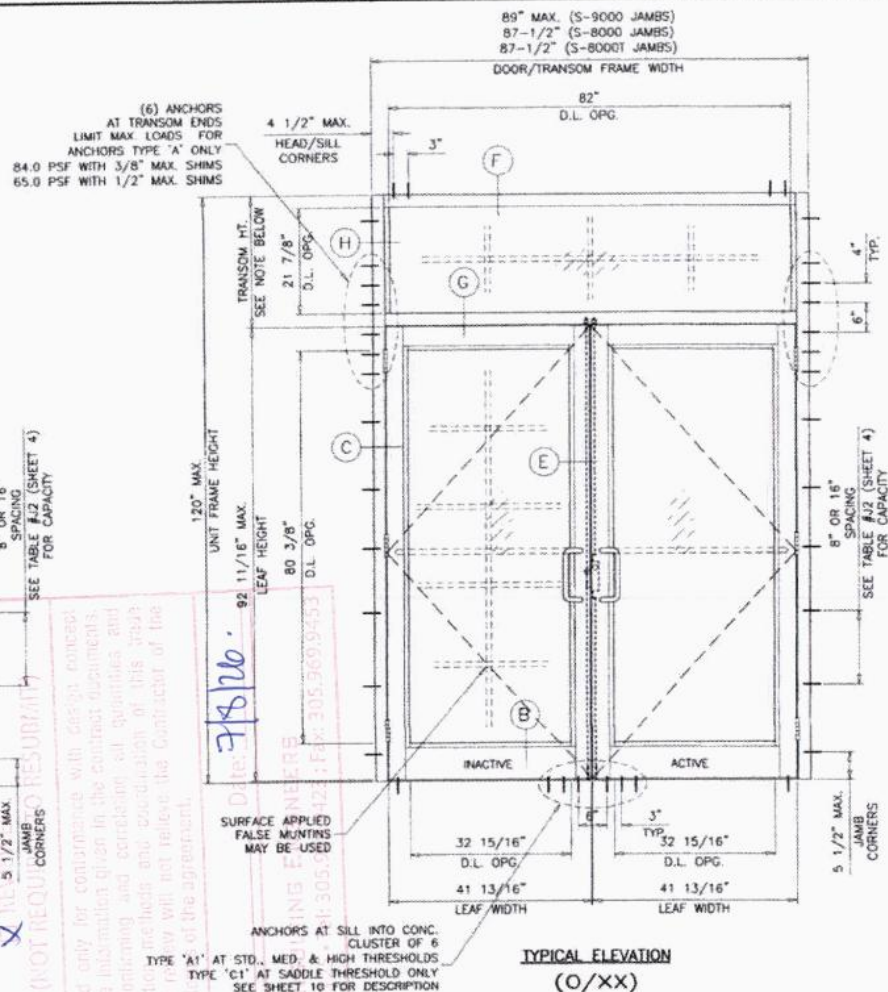
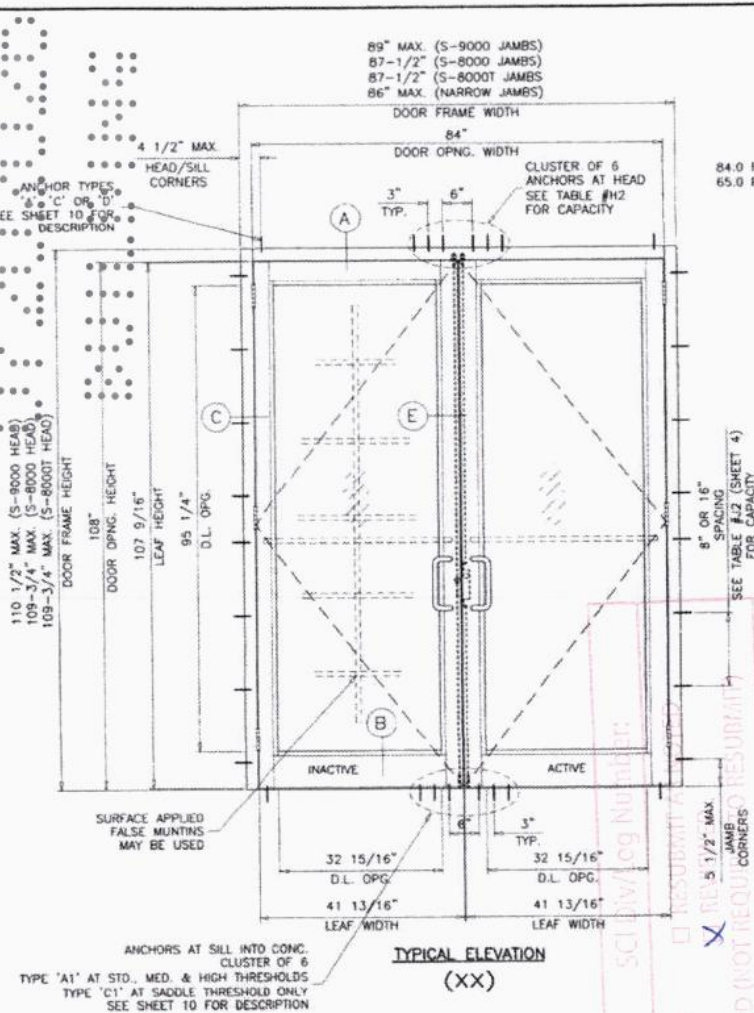
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 262-6978
FAX: (305) 264-8100

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

date: 10-19-17
scale: 1/2"=1'-0"
drawn by: TARG
checked by:

drawing no. **W17-91**
sheet 2 of 18



SEE CHARTS ON SHEET 4 FOR DOUBLE DOOR AND TRANSOM LOAD CAPACITY

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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BY: 

MAXwork, Inc.
1251 SW 20th Street
Miami, FL 33135
TEL: 305.312.2800
E: diana.becerra@maxwork.com

DATE: 06/23/2026



TRANSOM HEIGHTS:
27" MAX. FOR S-8000 TRANSOM
36" MAX. FOR S-8000T TRANSOM

Sealed: 8/30/2023

FL #22527

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-6978
COMP-ANL W17-91ESW

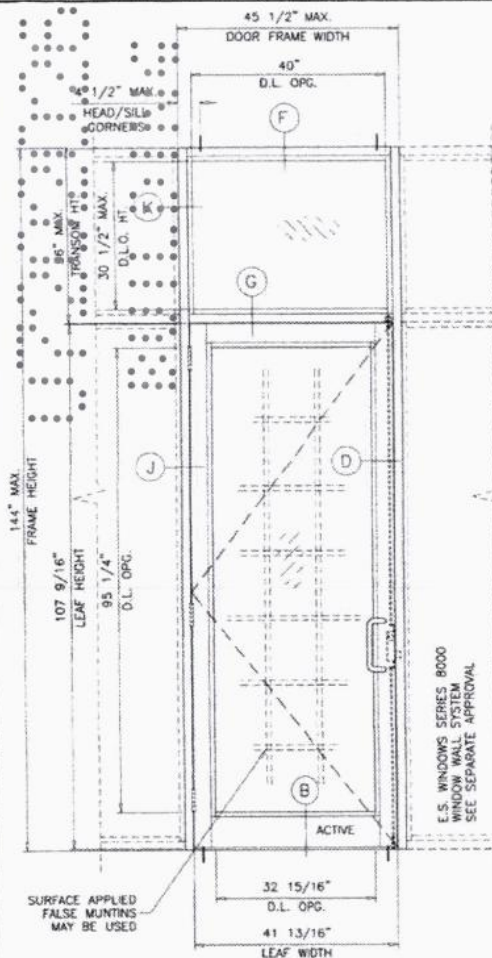
SERIES-9000 ALUM. OUTSWING FRENCH DOOR (LM)

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

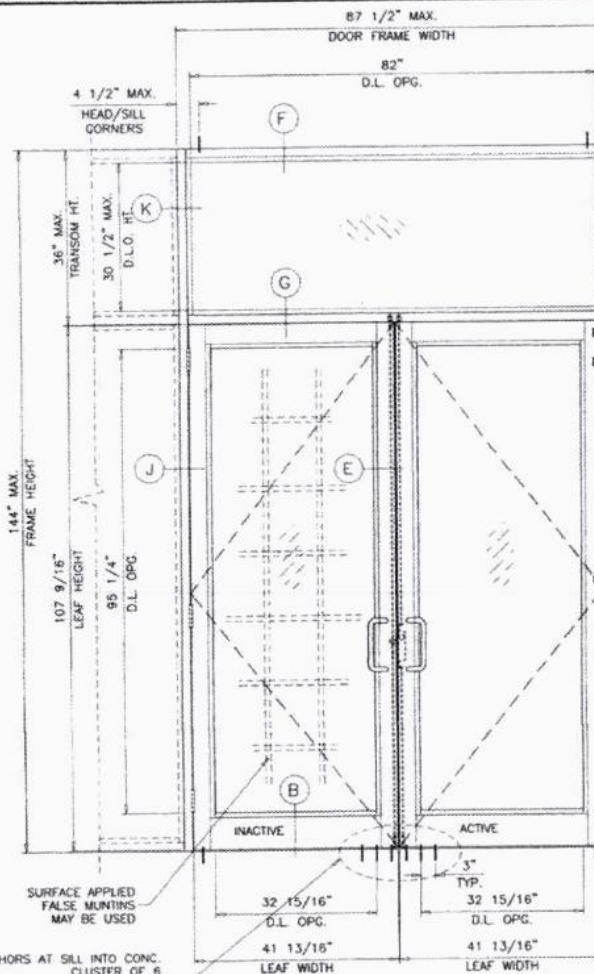
REV.	DATE	BY	DESCRIPTION
1	10-19-17	JAF	1/2" x 1/2" - 0"
2	10-19-17	JAF	1/2" x 1/2" - 0"
3	10-19-17	JAF	1/2" x 1/2" - 0"
4	10-19-17	JAF	1/2" x 1/2" - 0"
5	10-19-17	JAF	1/2" x 1/2" - 0"
6	10-19-17	JAF	1/2" x 1/2" - 0"
7	10-19-17	JAF	1/2" x 1/2" - 0"
8	10-19-17	JAF	1/2" x 1/2" - 0"
9	10-19-17	JAF	1/2" x 1/2" - 0"
10	10-19-17	JAF	1/2" x 1/2" - 0"

drawing no. **W17-91**

sheet 3 of 18



TYPICAL ELEVATION
SINGLE (O/X)
(ES-8000 TRANSOM)



TYPICAL ELEVATION
DOUBLE (O/XX)
(ES-8000 TRANSOM)

SINGLE (O/X) AND DOUBLE (O/XX) DOORS WITH 36" MAX. TRANSOM HEIGHTS
APPROVED WITH ES-8000 WINDOW WALL SYSTEM ONLY
LIMIT MAX. DESIGN LOADS TO ±90.0 PSF
GLASS AT TRANSOM TYPE 'B' ONLY

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAKwork, Inc.
1551 SW 22nd Street
Miami, FL 33145
T: 305 310 1862
E: alycia.krippler@makwork.com

BY: *[Signature]*
DATE: 06/23/2026

Project Number: *[Blank]* Div/Log Number: *[Blank]*

☒ NO EXCEPTION TAKEN ☐ SUBMIT AS NOTED ☐ REVIEWED ☐ REJECTED ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and estimation of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: *[Signature]* Date: 7/8/2026

YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

Sealed: 8/30/2023

FL #22527

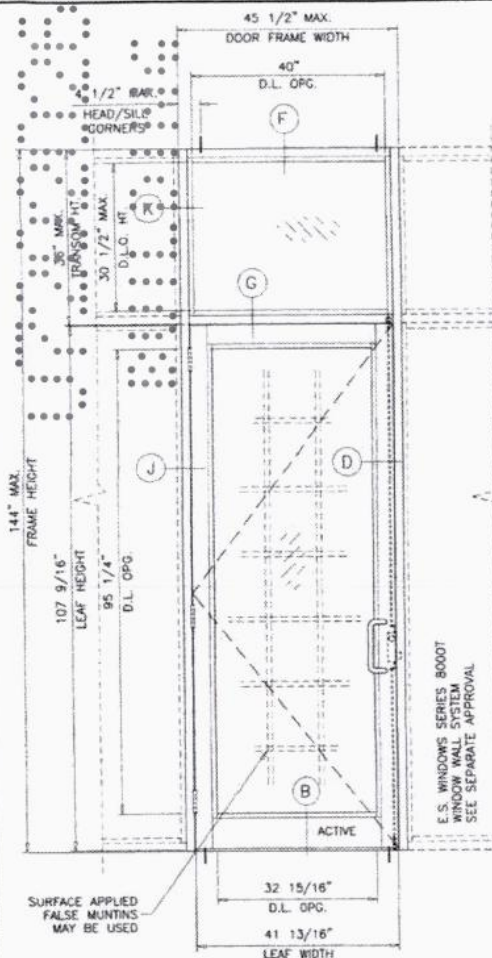


Revisions:

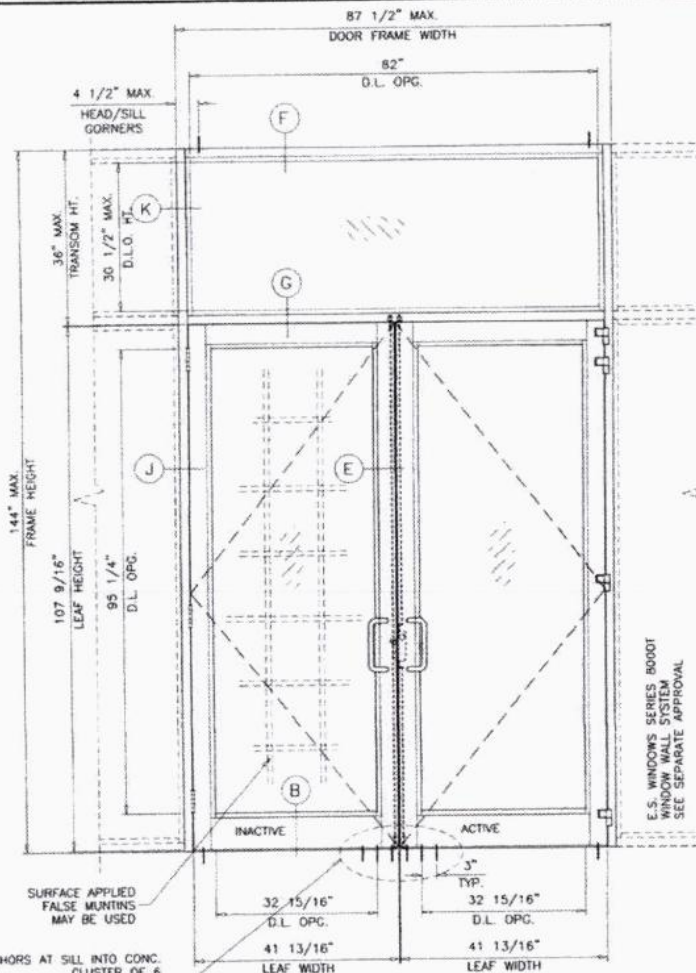
Rev.	Date	By	Description
1	10-19-17	Revise	1/2"x1'-0"
2	01-17-18	Revise	1/2"x1'-0"
3	01-17-18	Revise	1/2"x1'-0"
4	01-17-18	Revise	1/2"x1'-0"
5	01-17-18	Revise	1/2"x1'-0"
6	01-17-18	Revise	1/2"x1'-0"
7	01-17-18	Revise	1/2"x1'-0"
8	01-17-18	Revise	1/2"x1'-0"
9	01-17-18	Revise	1/2"x1'-0"
10	01-17-18	Revise	1/2"x1'-0"

drawing no. W17-91
sheet 3 of 18

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 262-6978
FAX: (305) 264-8100
COMP-ANL W17-91ESW



TYPICAL ELEVATION
SINGLE (O/X)
(ES-8000T TRANSOM)



TYPICAL ELEVATION
DOUBLE (O/XX)
(ES-8000T TRANSOM)

SINGLE (O/X) AND DOUBLE (O/XX) DOORS WITH 36" MAX. TRANSOM HEIGHTS
APPROVED WITH ES-8000T WINDOW WALL SYSTEM ONLY
MAX. DESIGN LOADS TO ± 75.0 PSF (UNREINFORCED HORIZONTAL)
MAX. DESIGN LOADS TO $+80.0$, -90.0 PSF (REINFORCED HORIZONTAL)
SEE SHEET 12 FOR REINFORCING DETAIL
GLASS AT TRANSOM TYPE 'E' & 'E-R' ONLY

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK MAKwork, Inc.
1201 SW 28th Street
Miami FL 33145
T. 305 510 2802
E. amy@makwork.com

BY: *[Signature]*
DATE: 06/23/2026

Project Number: *718/20*

SI Div/Log Number: *718/20*

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent. General compliance with the information given in the contract documents, and the Contractor is responsible for confirming and correlating dimensions at job sites for tolerances, clearances, quantities, processes and techniques of construction, coordination of his work with other trades and full compliance with the contract documents. This review will not relieve the Contractor of his responsibility for performance of any terms of the agreement.

Reviewed by: *[Signature]* Date: *7/8/20*

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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C.A.N. 3538
COMP-ANL W17-91ESW

SERIES-9000 ALUM. OUTSWING FRENCH 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
1	10-19-17			
2				
3				
4				
5				
6				
7				
8				
9				
10				

drawing no. **W17-91**
sheet **3.2 of 18**

DOUBLE DOORS WITH OR WITHOUT TRANSOMS

USE CHARTS AS FOLLOWS FOR THE CORRESPONDING DOOR SIZE

- FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE #02.
- SELECT THRESHOLD TYPE TO BE USED.
 - WATER RATED HIGH THRESHOLD ITEM #E2B (ES-902B) +90.0 PSF
 - NON WATER RATED MEDIUM THRESHOLD ITEM #E2D (ES-9000-036) +90.0 PSF
 - NON WATER RATED STANDARD THRESHOLD +90.0 PSF
 - NON WATER RATED SADDLE THRESHOLD +80.0 PSF
- FOR JAMB ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #J2.
- SEE ELEVATION ON SHEET 3 FOR TRANSOM END ANCHORS. (MIN. 6 ANCHORS REQD. IN ALL CASES)
- FOR HEAD ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #H2.
- USE LOWEST VALUES FROM STEPS 1, 2, 3 AND 4 WILL GOVERN.

DOORS LOAD CAPACITY - PSF										
DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (0/XX)										
DOOR DIMS.		GLASS			LOCKS				HINGES	
		TYPE 'A'	TYPE 'B'/C'	TYPE 'A.2'/'C.1'/'D'	OPTION #1	OPTION #2	OPTION #2.1	OPTION #3	OPTION #1	OPTION #2/3
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
84"	96"	80.0	90.0	90.0	80.0	90.0	90.0	90.0	80.0	90.0
84"	108"	80.0	90.0	90.0	80.0	90.0	90.0	80.0	80.0	90.0

DOUBLE DOORS WITH SADDLE THRESHOLD LIMITED TO +80.0, -80.0 PSF

SEE SHEET 7 FOR GLASS TYPES DESCRIPTION
SEE SHEET 16 FOR LOCKS AND HINGES DESCRIPTION

JAMB ANCHORS LOAD CAPACITY - PSF (NOT APPLICABLE AT TRANSOM ENDS SEE NOTE 3)																	
DOUBLE DOORS WITHOUT TRANSOM (XX) OR WITH TRANSOM (0/XX)																	
1/4" SHIM SPACE						3/8" SHIM SPACE						1/2" SHIM SPACE					
DOOR DIMS.		SPACING AT 16" O.C.		SPACING AT 8" O.C.		AT 16" O.C.		AT 8" O.C.		AT 16" O.C.		AT 8" O.C.		AT 16" O.C.		AT 8" O.C.	
		ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'B'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'D'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	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. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
70"	108"	90.0	90.0	90.0	90.0	90.0	88.0	90.0	90.0	90.0	68.4	90.0	90.0	90.0	90.0	90.0	90.0
84"	108"	90.0	88.7	90.0	90.0	90.0	74.2	88.7	90.0	90.0	57.7	83.3	90.0	90.0	90.0	90.0	90.0

SEE SHEET 10 FOR ANCHOR DESCRIPTION

HEAD ANCHORS LOAD CAPACITY - PSF																	
DOUBLE DOOR WITHOUT TRANSOM (XX) OR WITH TRANSOM (0/XX)																	
1/4" SHIM SPACE						3/8" SHIM SPACE						1/2" SHIM SPACE					
DOOR DIMS.		ANCHOR TYPE 'A'		ANCHOR TYPE 'C'		ANCHOR TYPE 'B'		ANCHOR TYPE 'A'		ANCHOR TYPE 'C'		ANCHOR TYPE 'A'		ANCHOR TYPE 'C'		ANCHOR TYPE 'A'	
		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. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
70"	96"	90.0	90.0	90.0	90.0	90.0	85.8	90.0	66.7	90.0	81.2	90.0	90.0	90.0	90.0	90.0	90.0
84"	96"	90.0	90.0	90.0	90.0	90.0	72.3	90.0	56.2	81.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0
70"	108"	90.0	90.0	90.0	90.0	90.0	76.5	90.0	59.5	85.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
84"	108"	90.0	90.0	90.0	90.0	90.0	64.4	90.0	50.1	72.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0

SEE SHEET 10 FOR ANCHOR DESCRIPTION

SILL ANCHORS DESIGN LOAD CAPACITY ALL SIZES = ± 90.0 PSF

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAKwork, Inc.
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E: alyssa.kriplani@makwork.com

BY:

DATE: 06/23/2026

SCI Div/Log Number:

☐ RESUBMIT AS NOTED

☒ REVIEWED

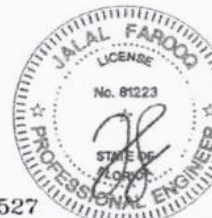
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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Sealed by: Date: 7/8/20

YHCE CONSULTING ENGINEERS
99 NW 4th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

Sealed: 8/30/2023



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-6978
C.A.N. 35349
COMP-ANL W17-91ESW

SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.W.)
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
date: 10-18-17
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:
drawing no. **W17-91**
sheet 4 of 18

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

1000

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK
work

MAKwork, Inc.
1851 SW 20th Street
Miami, FL 33145
T: 305-373-2602

DATE: 06/23/2026

SINGLE OR DOUBLE DOORS WITHOUT TRANSOMS
USE CHARTS AS FOLLOWS
FOR THE CORRESPONDING DOOR SIZE

- 1- FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE #03.
- 2- THESE DOORS APPROVED WITH STD. THRESHOLD ONLY.
- 3- FOR JAMB ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #03.
- 4- FOR HEAD ANCHORS, TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #03.

THE LOWEST VALUES FROM STEPS 1, 3 AND 4
WILL GOVERN.

TABLE #D3		DOORS LOAD CAPACITY - PSF SINGLE(X) OR DOUBLE(X) DOORS WITHOUT TRANSOM				
SINGLE DOOR(X) DIMS.		DOUBLE DOOR(X) DIMS.		GLASS TYPE 'A.1'	LOCKS OPTION #3	HINGES OPTION #2.1
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	DOOR OPG. WIDTH	DOOR OPG. HEIGHT		EXT. (+) INT. (-)	
35-1/4"	96-1/2"	70-1/2"	96-1/2"		105.3	

SEE SHEET 7 FOR GLASS TYPES DESCRIPTION
SEE SHEET 16 FOR LOCKS AND HINGES DESCRIPTION

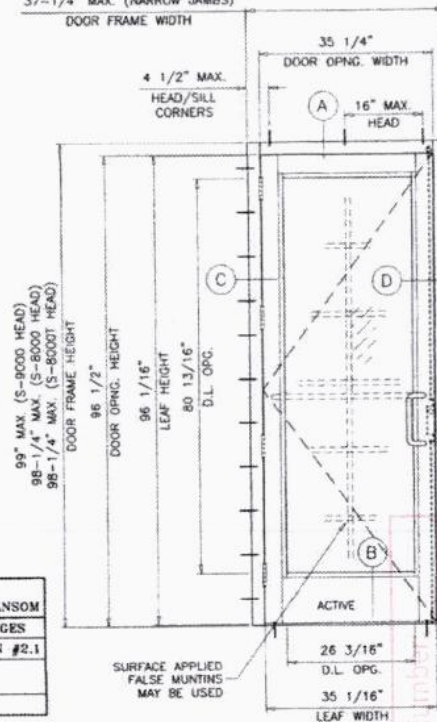
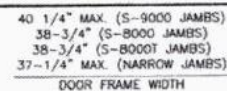
TABLE #J3		JAMB ANCHORS LOAD CAPACITY - PSF SINGLE(X) DOUBLE(X) DOORS WITHOUT TRANSOM					
		1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE	
		SPACING AT 16" O.C.		AT 16"		AT 8" O.C.	
		ANCHOR 'A', 'C' & 'D'		ANCHOR/ANCHOR 'A', 'C' & 'C'		ANCHOR/ANCHOR 'A', 'C' & 'C'	
SINGLE DOOR(X) DIMS.		DOUBLE DOOR(X) DIMS.		EXT.(+) INT.(-)		EXT.(+) INT.(-)	
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	DOOR OPG. WIDTH	DOOR OPG. HEIGHT	EXT.(+) INT.(-)		EXT.(+) INT.(-)	
35-1 1/4"	98-1 1/2"	70-1 1/2"	98-1 1/2"	105.3		105.3	
				82.0		63.8	
				105.3		105.3	

SEE SHEET 10 FOR ANCHOR DESCRIPTION

TABLE #H3		HEAD ANCHORS LOAD CAPACITY - PSF DOUBLE DOOR WITHOUT TRANSOM(X)				
		1/4" SHIM SPACE	3/8" SHIM SPACE	1/2" SHIM SPACE		
DOOR DIMS.		ANCHOR 'A', 'C' & 'D'	ANCHOR TYPE 'A'	ANCHOR TYPE 'C'	ANCHOR TYPE 'A'	ANCHOR TYPE 'C'
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
70-1/2"	96-1/2"	105.3	98.9	105.3	76.9	105.3

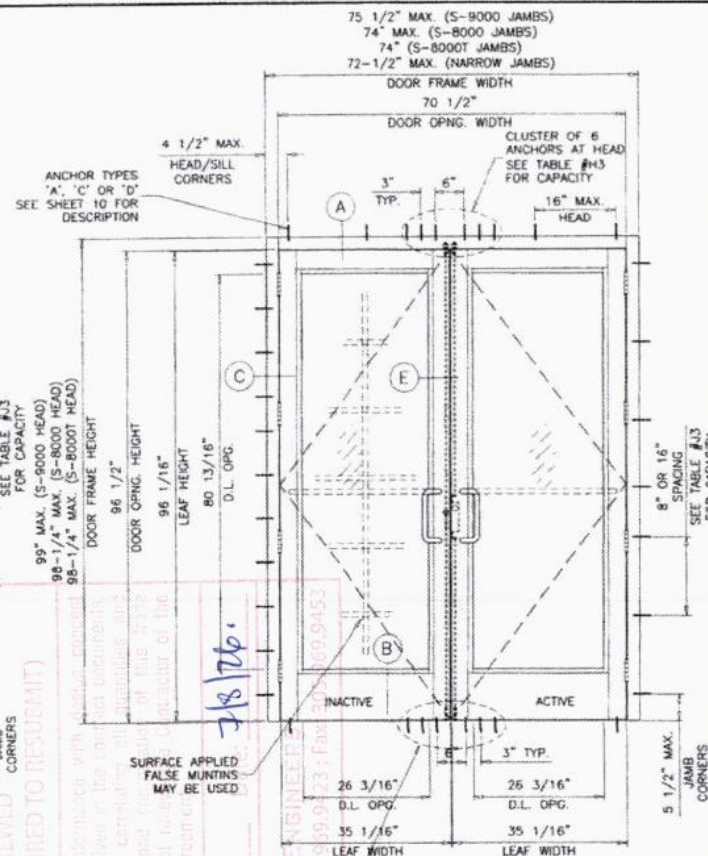
SEE SHEET 10 FOR ANCHOR DESCRIPTION

SILL ANCHORS DESIGN LOAD CAPACITY ALL SIZES = ± 105.3 PSF



TYPICAL ELEVATION

(X)

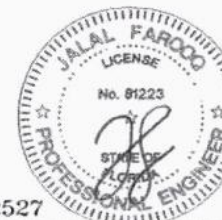


TYPICAL ELEVATION

(xx)

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
(C.A.N. 3538)
TEL. (306) 264-8100 FAX. (303) 262-6978

SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL. (305) 839-5151 FAX (305) 838-5158

[illegible]

date: 10-19-17
scale: $1/2"=1'-0"$
dr. by: TARC
chk. by:
drawing no.
W17-91
sheet 5 of 13

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAKwork, Inc.
131 SW 20th Street
Miami, FL 33135
Tel: 305.510.2000
E:lyssa.krieger@makwork.com

BY: *[Signature]*
DATE: 06/23/2026

• SINGLE DOORS WITHOUT TRANSOMS
USE CHARTS AS FOLLOWS
FOR THE CORRESPONDING DOOR SIZE

1- FOR GLASS TYPE, LOCK AND HINGE OPTIONS OBTAIN LOAD CAPACITIES FROM TABLE #D4.

2- THESE DOORS APPROVED WITH STD. THRESHOLD ONLY.

3- FOR JAMB ANCHORS TYPE/SHIMSPACE OBTAIN LOAD CAPACITIES FROM TABLE #J4.

THE LOWEST VALUES FROM STEPS 1 AND 3 WILL GOVERN.

TABLE #D4		DOORS LOAD CAPACITY - PSF SINGLE(X) DOORS WITHOUT TRANSOM					
SINGLE DOOR(X) DIMS.	GLASS TYPE 'B.1'	LOCKS		HINGES		EXT.(+)	INT.(-)
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)		
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
35"	93-1/2"	120.0	130.0	120.0	130.0	120.0	130.0

SEE SHEET 7 FOR GLASS TYPES DESCRIPTION
SEE SHEET 16 FOR LOCKS AND HINGES DESCRIPTION

TABLE #J4		JAMB ANCHORS LOAD CAPACITY - PSF SINGLE(X) DOORS WITHOUT TRANSOM											
SINGLE DOOR(X) DIMS.		1/4" SHIM SPACE				3/8" SHIM SPACE				1/2" SHIM SPACE			
		AT 16" O.C.		SPACING AT 8" O.C.		AT 16"		AT 8" O.C.		AT 16"		AT 8" O.C.	
		ANCHOR		ANCHOR		ANCHOR		ANCHOR		ANCHOR		ANCHOR	
		'A'	'C'	'D'	'A', 'C' & 'D'	'A'	'C'	'A' & 'C'	'A'	'C'	'A'	'C'	
DOOR OPG. WIDTH	DOOR OPG. HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
35"	93-1/2"	112.5	130.0	130.0	130.0	82.5	117.5	130.0	64.2	92.7	128.3	130.0	

SEE SHEET 10 FOR ANCHOR DESCRIPTION

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

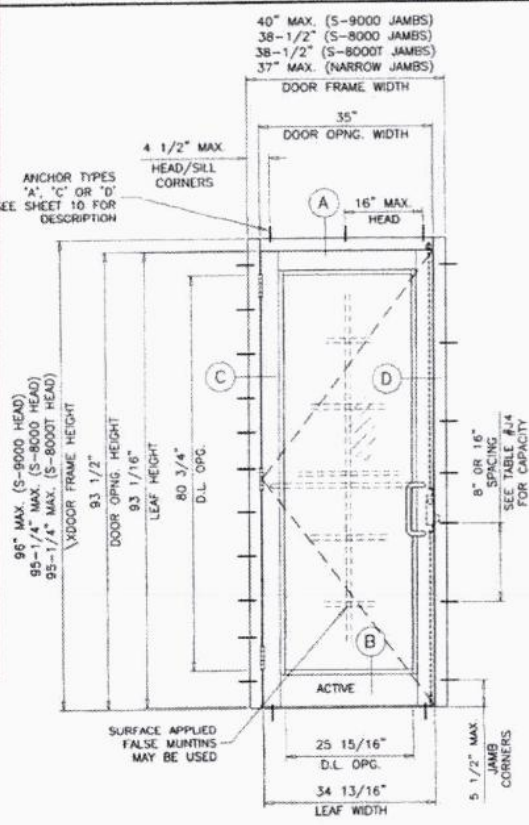
☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design intent and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correcting all quantities and dimensions, fabrication and construction methods and coordination of this work with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.

Reviewed by: *[Signature]* Date: 7/6/26.

YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

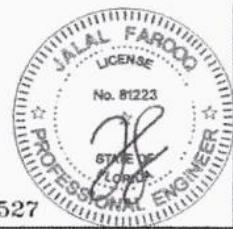


TYPICAL ELEVATION
(X)

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

Sealed: 8/30/2023

FL #22527

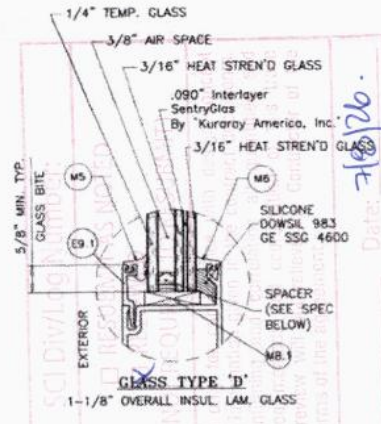
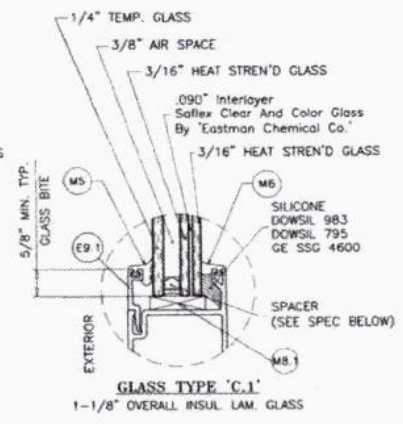
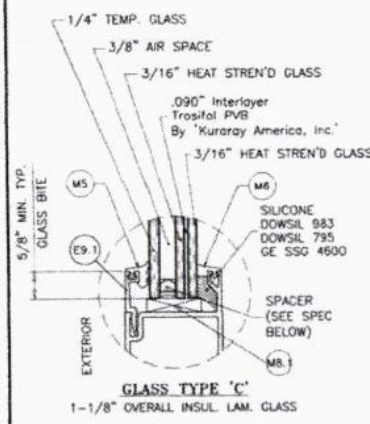
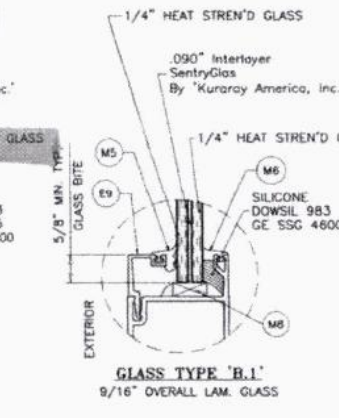
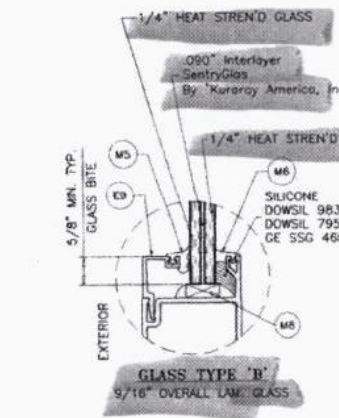
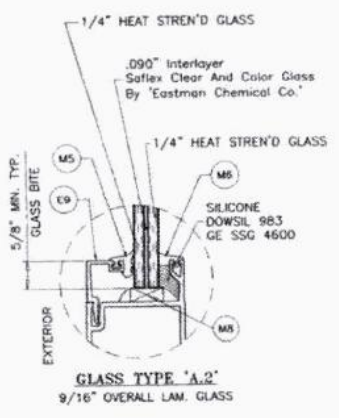
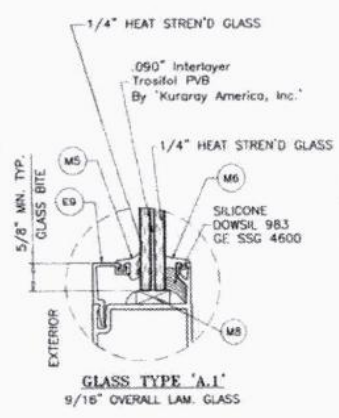
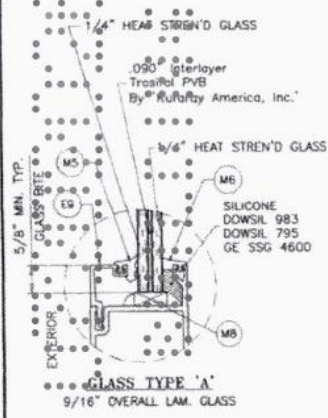


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-6978
C.O.P.E. No. 117-91ESW

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

Revisions:
date: 10-19-17
by: description
scale: 1/2"=1'-0"
drawn by: JAF
checked by:

drawing no: **W17-91**
sheet: 6 of 18



GLAZING OPTIONS
S-9000 DOORS

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

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

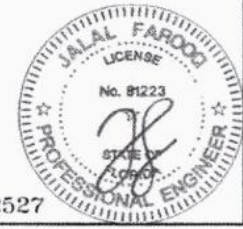
BY: 

MAKwork, Inc.
1201 SW 20th Street
Miami FL 33145
7 305 510 2002
E: dyma.makwork@makwork.com

DATE: 06/23/2026

Sealed: 8/30/2023

FL #22527



af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 262-6078 FAX: (305) 262-6078
COMP-ANL\W17-91ESW

SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

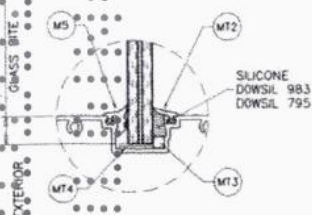
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL: (305) 638-5131 FAX: (305) 638-5158

Revisions:	date	by	description

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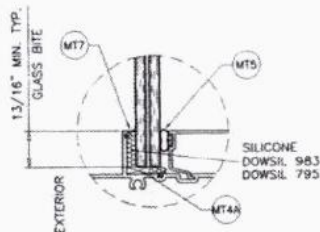
drawing no. **W17-91**

sheet 7 of 18



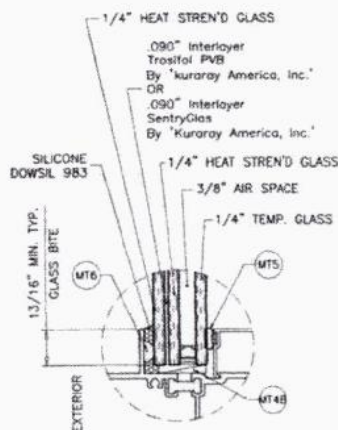
GLAZING DETAIL
S-9500 TRANSOM

GLASS TYPES A, A.1, A.2, B & B.1



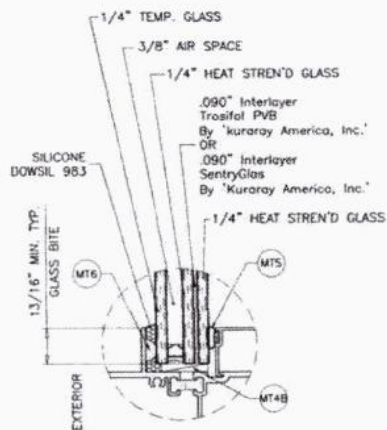
GLAZING DETAIL
S-8000 TRANSOM

GLASS TYPES A, A.1, A.2, B & B.1



GLASS TYPE 'E'

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



GLASS TYPE 'E-B'

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

GLAZING OPTIONS
S-8000T TRANSOM

SHOP DRAWING/SUBMITTAL REVIEW

- ☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK
work

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2602
E: alyssa.krpien@makwork.com

BY: *[Signature]*

DATE: **06/23/2026**

SCI Div/Log Number:

☐ RESUBMIT AS NOTED

☒ NO EXCEPTION TAKEN

☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent and general compliance with the information shown in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and for obtaining all permits and other applicable codes. This review will not release the Contractor of the liability for performance in any form of the agreement.

[Signature]

Date: **7/16/20**

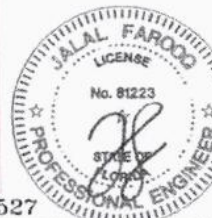
Revised by:

YHDE CONSULTING ENGINEERS

99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.069.9423 • Fax: 305.069.9453

Sealed: **8/30/2023**

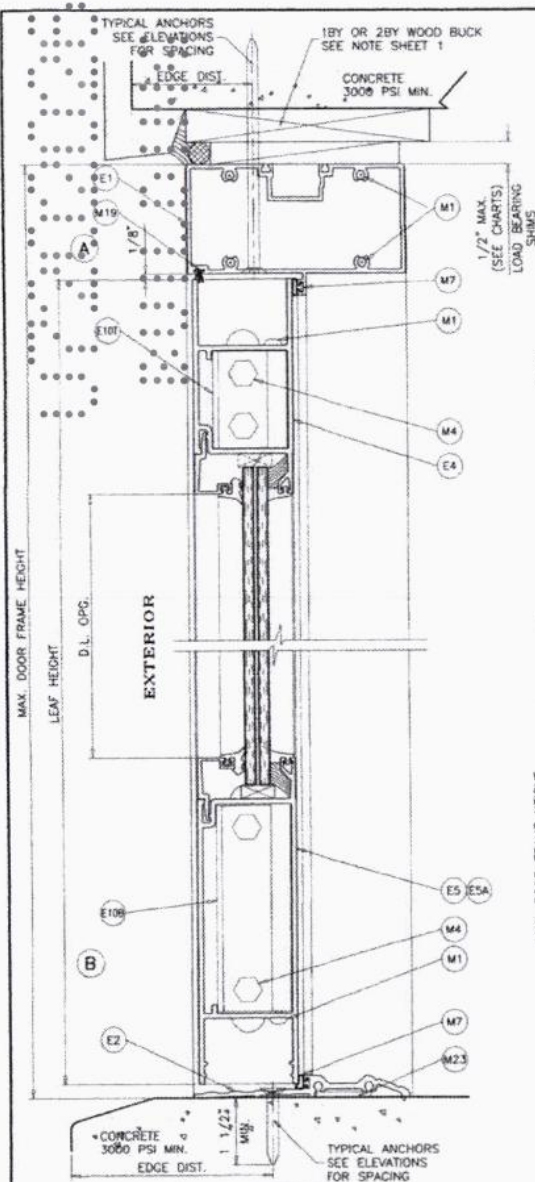
FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 264-8100 FAX: (305) 262-8978
COMP-ANL W17-91ESW

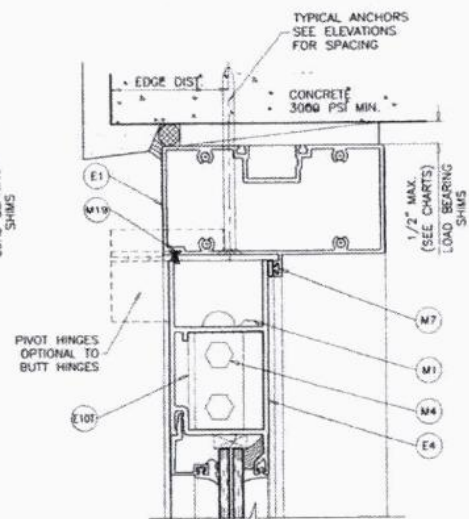
SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5156

Revisions:	no.	date	description
seen	10-19-17		
scale:	3/8" = 1"		
dr.	by: TABO		
chk.	by:		
drawing no.	W17-91		
sheet	7 of 18		



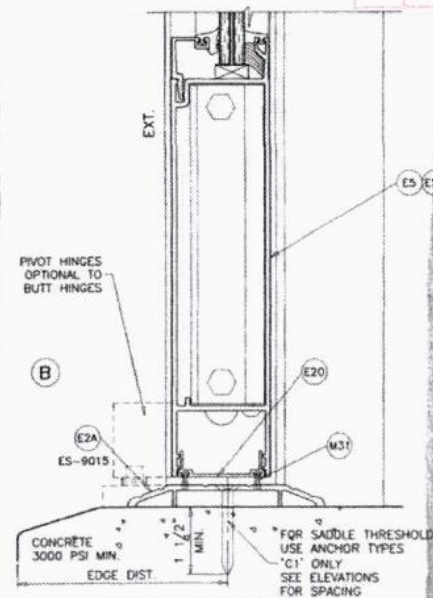
STANDARD THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE
(SEE SHEETS 2, 4, 5 & 6)



STANDARD THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE
(SEE SHEETS 2, 4, 5 & 6)



SADDLE THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE
LIMIT MAX. LOADS TO 280 PSF

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVEAL AND RESUBMIT

GENERAL COMMENTS: SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING AND CORRELATING DIMENSIONS AT 20% SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROPOSED AND TECHNIQUES OF CONSTRUCTION, COORDINATING WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

DATE: 06/23/2026

MAK

DOORS SHOWN WITH SERIES ES-9500 FRAMES.
CAN ALSO BE USED WITH ES-8000 & ES-8000T FRAMES.

Project Number: SCI Div/Log N

☒ NO EXCEPTION TAKEN

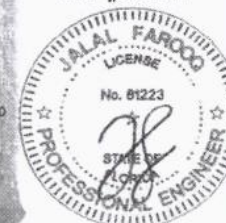
☒ REJECTED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RE-REVIEW)

These documents have been reviewed only for conformance with the information given in the contract documents and do not constitute a contract. The Contractor is responsible for confirming and correcting dimensions, fabrication and construction methods and materials with all other applicable codes. This review shall not release the Contractor from its responsibility for performance in any terms of the agreement.

Sealed: 8/30/2023

FL #22527



AL FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-4100 FAX: (305) 262-6978

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

date 10-19-17
scale 3/8" = 1"
dr. by TARG
chk. by
drawing no.
W17-91
sheet 8 of 18

7/8/20

305.969.9453

COMP-ANL W17-91ESW

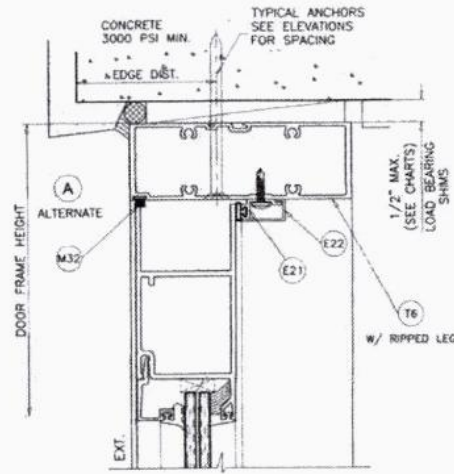
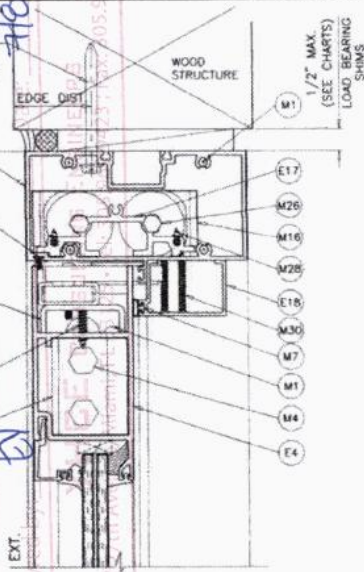
Project Number: 561 Day/Lead Number: 12

NO EXCEPTIONAL
REJECTED
EXCEPTIONS AS NOTED (NOT TO BE USED TO RESUBMIT)

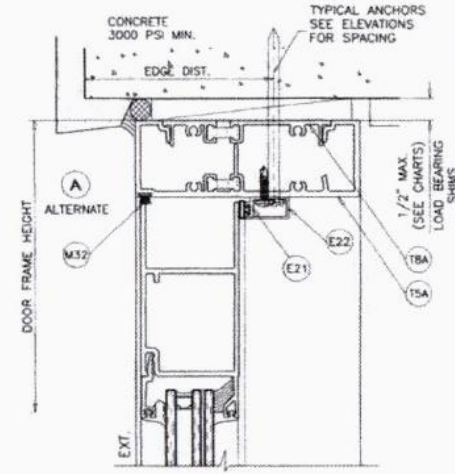
These documents have been reviewed and approved for this condition only. See elevations for spacing. The Contractor is responsible for ensuring that the door is installed in accordance with the manufacturer's instructions and specifications. This drawing will be the responsibility for performance of any terms of the agreement.

Re: 4826b.

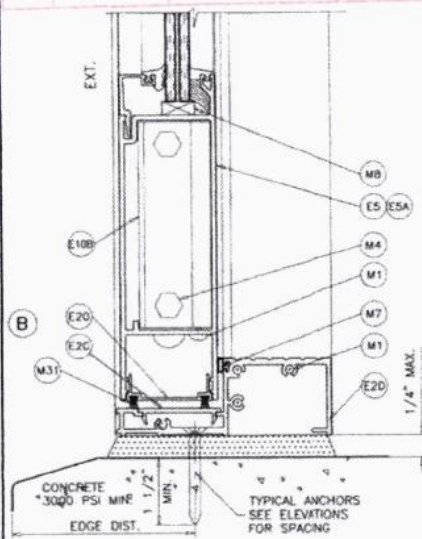
DOOR CLOSERS OPTIONAL



DOOR HEAD
SERIES-8000 FRAME OPTION

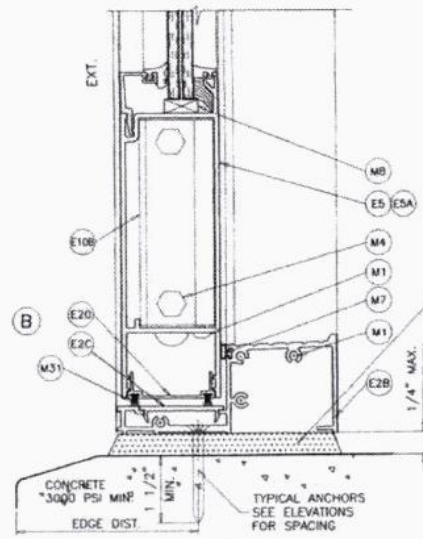


DOOR HEAD
SERIES-8000T FRAME OPTION



MEDIUM THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE



HIGH THRESHOLD

APPROVED FOR WATER INFILTRATION RESISTANCE

HIGH STRENGTH GROUT
POURED & HARDENED
f'c = 5000 PSI MIN.
NOT BY E.S. WINDOWS
MUST TRANSFER SHEAR
LOADS TO STRUCTURE

DOORS SHOWN WITH SERIES ES-9500 FRAMES.
CAN ALSO BE USED WITH ES-8000 & ES-8000T FRAMES.

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH COMMENTS ADDED

☐ REQUESTED ☐ REVIEW AND REQUEST

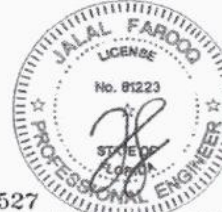
REVISIONS ARE REQUIRED FOR DESIGN, CONSTRUCTION AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODES AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

MAK

DATE: 06/23/2026

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 262-9978 FAX: (305) 262-9978
COMP-AN: W17-91ESW

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
10-19-17				

scale: 3/8" = 1"
dr. by: JAF
chk. by:

drawing no: **W17-91**
sheet 9 of 18

OR 2X WOOD BUCKS AND METAL STRUCTURES NOT BY 'E.S. WDW.' MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 1/4" DIA ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
THRU 1BY OR 2BY WOOD BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

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

TYPE 'C' - 5/16" ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY OR 2BY WOOD BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND BLOCKS = 3-1/8" MIN.
INTO WOOD STRUCTURE = 1-1/4" MIN.

TYPE 'D' - 1/4" TEKs OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
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)

ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1/2" MIN.

TYPE 'A1' - 1/4" X 1-3/4" ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE (FOR STD. AND HIGH THRESHOLD)
WITH 1-1/2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

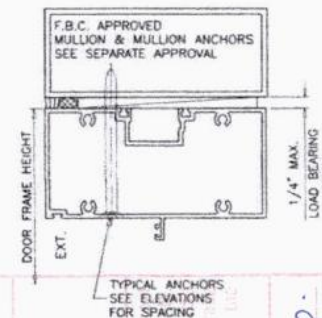
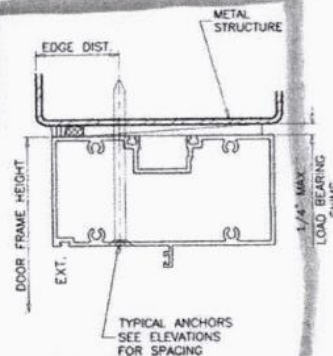
INTO CONCRETE = 2-1/2" MIN.

TYPE 'C1' - 5/16" X 2" ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE (FOR SADDLE THRESHOLD)
WITH 1-1/2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

INTO CONCRETE = 3-1/8" MIN.

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



SHOP DRAWING/SUBMITTAL REVIEW

- ☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK
work

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2602
E: alyssa.kriplen@makwork.com

BY: *A*

DATE: 06/23/2026

Project Number: SCI Div/Log Number:
☒ NO EXCEPTION TAKEN
☐ REJECTED
☒ RESUBMIT AS NOTED
☐ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These drawings have been reviewed only for compliance with applicable codes and standards. The Contractor is responsible for confirming and correlating all quantities, dimensions, tolerances and construction processes and techniques of construction, coordination of his work with other trades and full compliance with the contract documents. This review will not relieve the Contractor of his responsibility for performance of any terms of the agreement.

Date: 7/8/26

Reviewed by: *D*

YHCE CONSULTING ENGINEERS

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-4978
C.A.N. 3638
COMP-ANL W17-91CSW

SECS-9000 ALUM. OUTSWING FRENCH DOOR (L.M.L.)
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

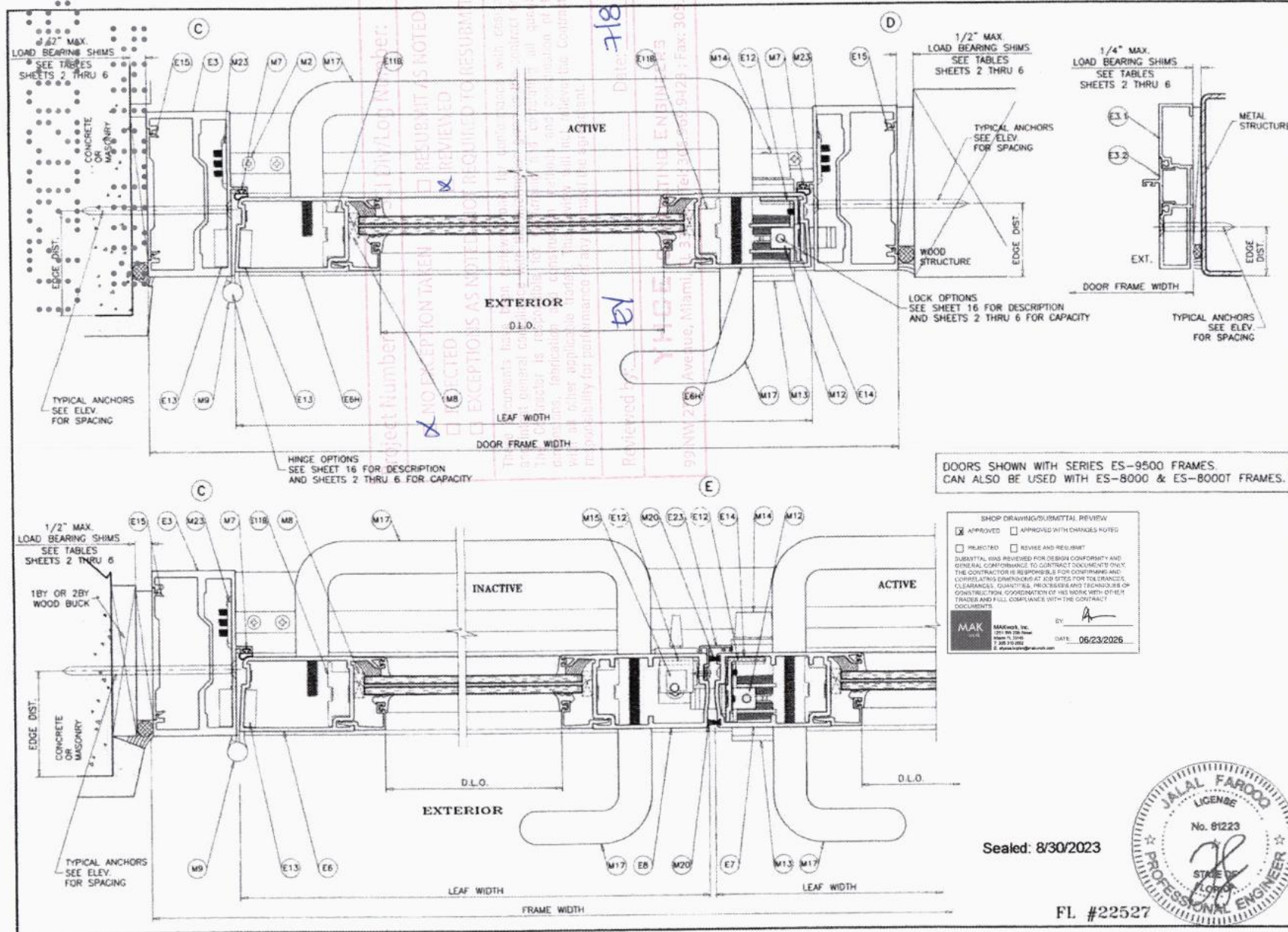
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dr. by: TARG
chk. by:

drawing no.
W17-91
sheet 10 of 18

Sealed: 8/30/2023

FL #22527





DOORS SHOWN WITH SERIES ES-9500 FRAMES.
CAN ALSO BE USED WITH ES-8000 & ES-8000T FRAMES.

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

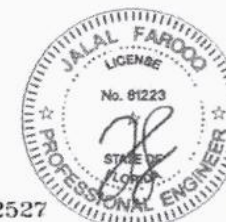
☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRECTING DIMENSIONS, MATERIALS, AND METHODS OF CONSTRUCTION. COORDINATION OF WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK
DATE: 06/23/2026

Sealed: 8/30/2023

FL #22527



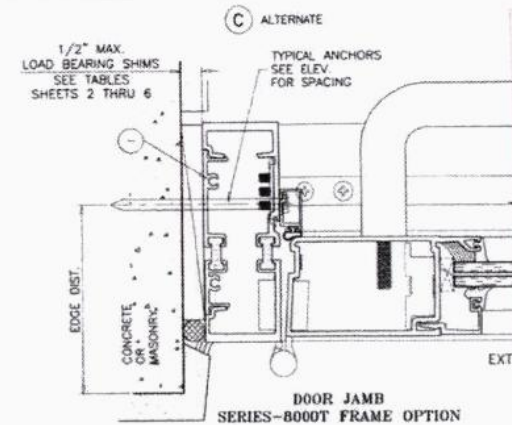
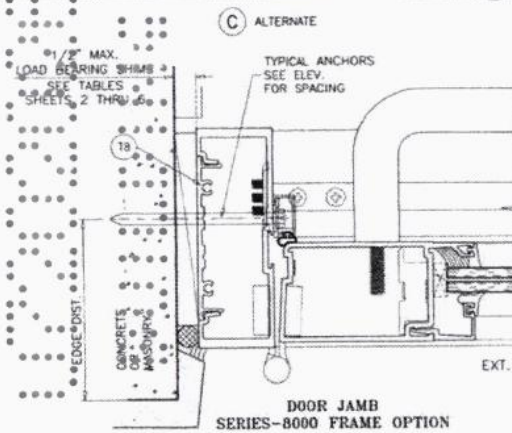
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 264-8100 FAX: (305) 264-8978
COMP-ANL W17-91ESW

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

Revisions:

NO	DATE	DESCRIPTION
1	10-19-17	scale 3/8" = 1"
2	10-19-17	dr by TARG
3	10-19-17	chk by

drawing no. **W17-91**
sheet 11 of 18



SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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BY: *A*

DATE: 06/23/2026

MAKwork, Inc.
501 W. 1st Street
Miami, FL 33141
TEL: 305.585.2802
E: almea.kaplan@makwork.com

Project Number: *SC1 Div/Log Number:*

☐ EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

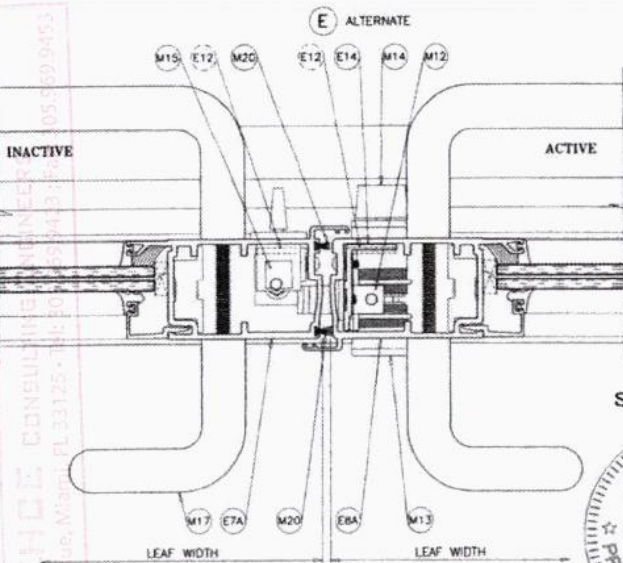
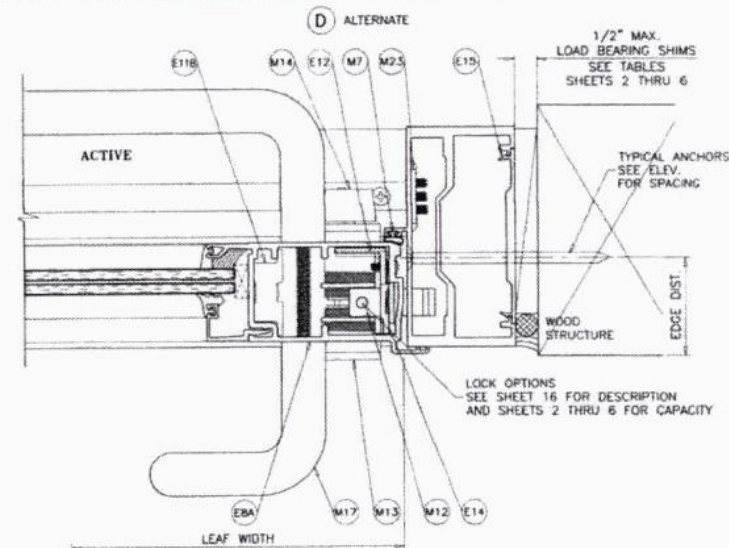
☒ SELECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These comments have been referred only for convenience with design consultant and have no general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, quantities, processes and techniques of construction. The contractor is responsible for performance of any terms of the agreement.

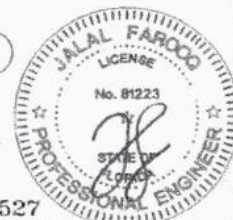
Reviewed by: *EV* Date: *7/8/26*

YHCE CONSULTING ENGINEER
99 NW 3rd Street, Suite 100, Miami, FL 33125 • TEL: 305.585.9433 • FAX: 305.585.9453



ALT. MEETING STILES NOT APPROVED FOR DOORS WITH PANIC EXIT DEVICES.

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-8978
C.E.N. 3538

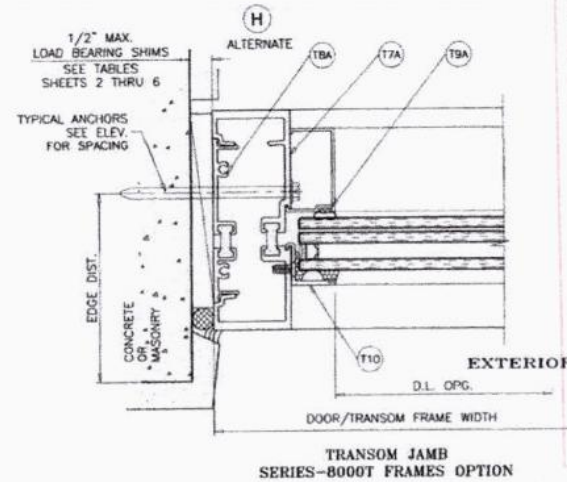
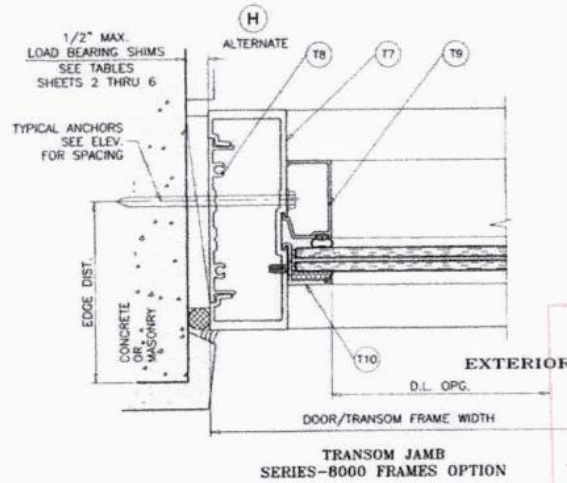
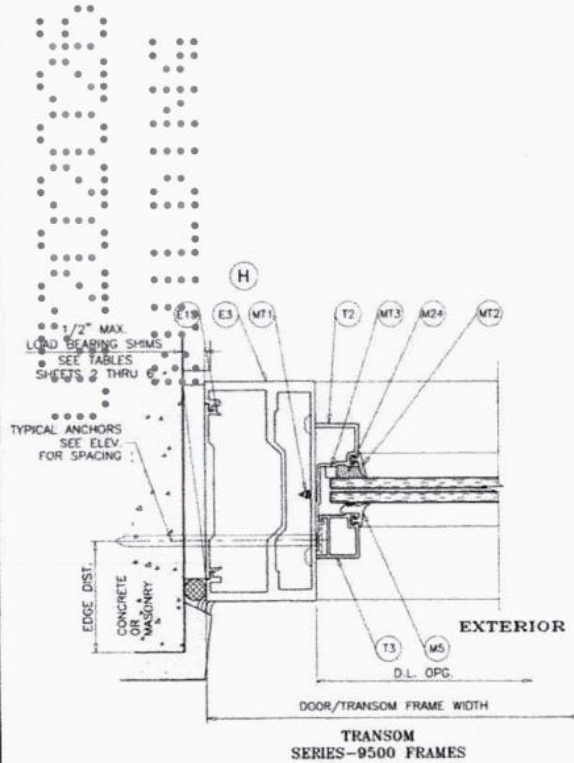
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL, 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

Revisions:

NO.	DATE	DESCRIPTION
10-19-17		
Scale: 3/8" = 1"		
Dr. By: TARG		
CNA. BY:		

drawing no. **W17-91**

sheet 11.1 of 18



SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAKwork, Inc.
1251 SW 20th Street
Miami, FL 33142
T: 305 310 2602
E: mlynn.king@makwork.com

BY: *[Signature]*
DATE: 06/23/2026

Project Number: SCI Div/Log Number

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concept and intent general compliance with the information given in the contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods and coordination of this trade with all other applicable trades. This review will not release the Contractor of the responsibility for performance of any terms of the contract.

Reviewed by: *[Signature]* Date: 7/6/26

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9390 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W17-91ESW

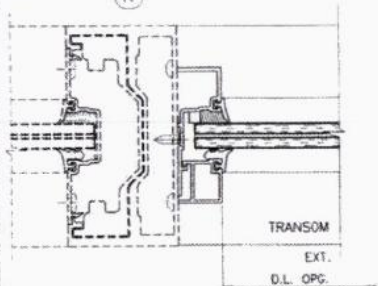
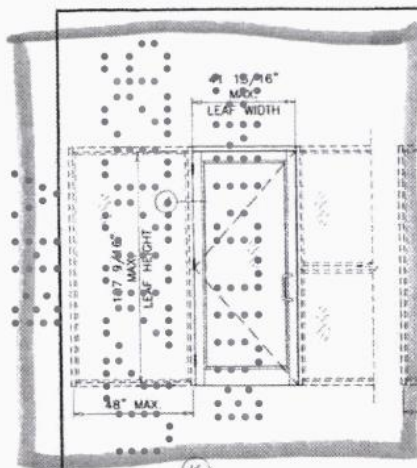
SERIES-9000 ALUM. OUTSWING FRENCH DOOR (LUL)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL (305) 638-5151 FAX (305) 638-5158

Revisions:	no.	date	by	description

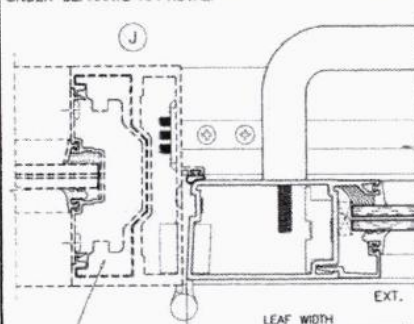
date: 10-19-17
scale: 3/8" = 1"
dr. by: JARQ
chk. by:

drawing no.
W17-91

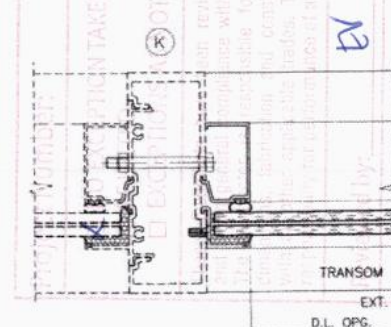
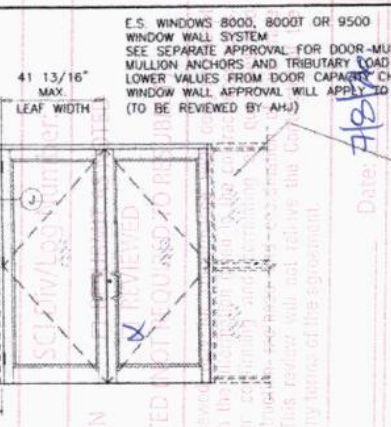
sheet 12.1 of 18



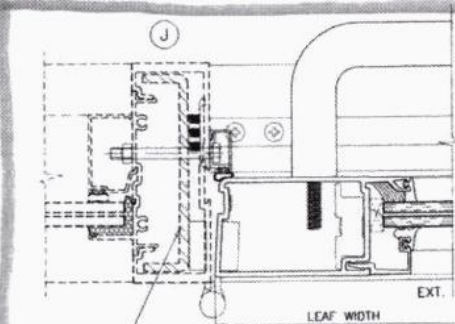
F.B.C. APPROVED
SERIES 9500 WINDOW WALL SYSTEM BY 'E.S. WINDOWS'
UNDER SEPARATE APPROVAL.



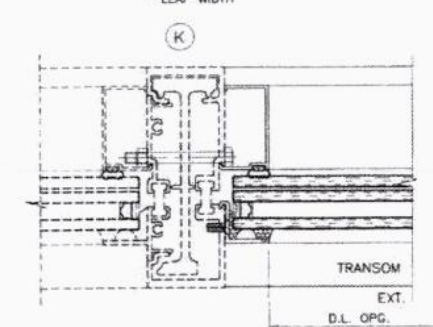
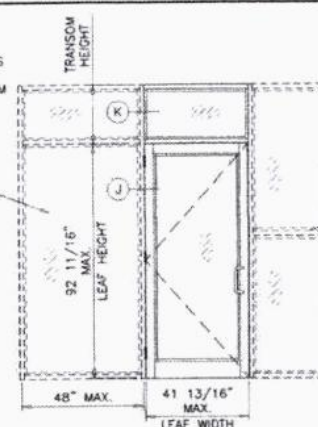
REINFORCING WILL VARY
SEE CURRENT APPROVAL OF
E.S. SERIES 9500
WINDOW WALL SYSTEM
FOR DETAILS



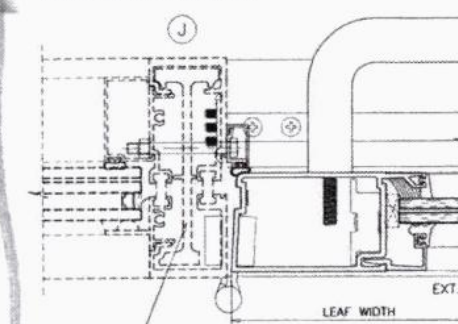
F.B.C. APPROVED
SERIES 8000 WINDOW WALL SYSTEM BY 'E.S. WINDOWS'
UNDER SEPARATE APPROVAL.



REINFORCING WILL VARY
SEE CURRENT APPROVAL OF
E.S. SERIES 8000
WINDOW WALL SYSTEM
FOR DETAILS



F.B.C. APPROVED
SERIES 8000T WINDOW WALL SYSTEM BY 'E.S. WINDOWS'
UNDER SEPARATE APPROVAL.



REINFORCING WILL VARY
SEE CURRENT APPROVAL OF
E.S. SERIES 8000T
WINDOW WALL SYSTEM
FOR DETAILS

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ RETURN AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF THE WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK
MAXIMUS, INC.
1001 SW 25th Street
Miami, FL 33135
Tel: (305) 713-2000
F. Farooq@maximus.com

DATE: 06/23/2026

Sealed: 8/30/2023



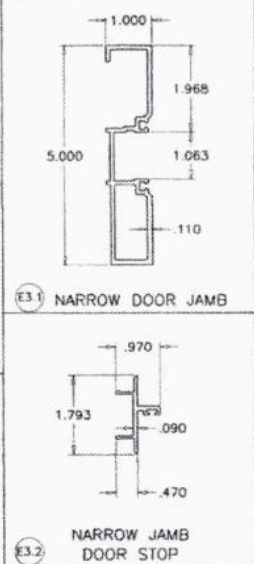
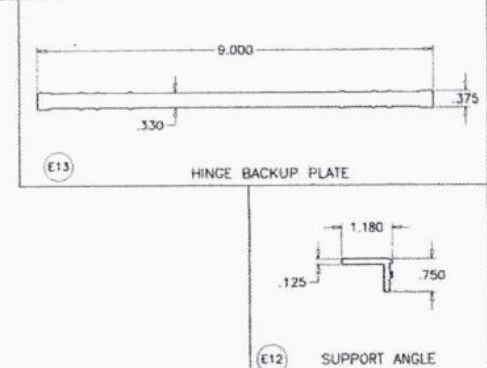
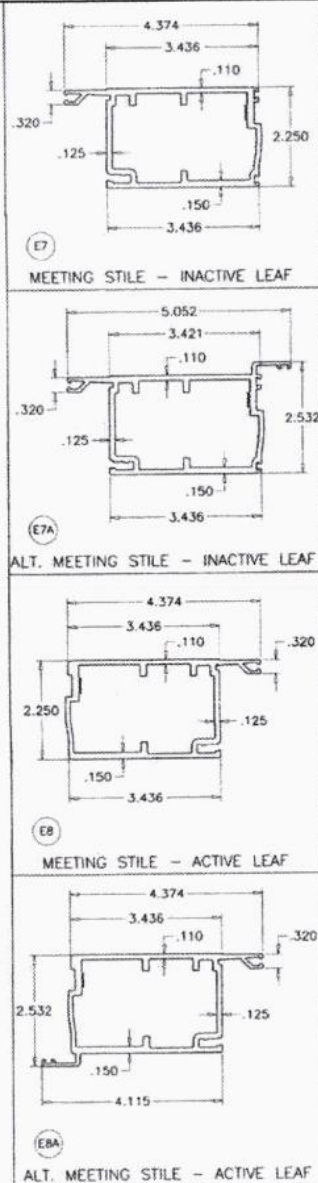
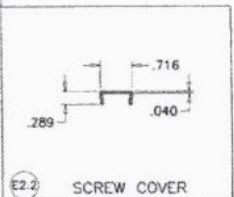
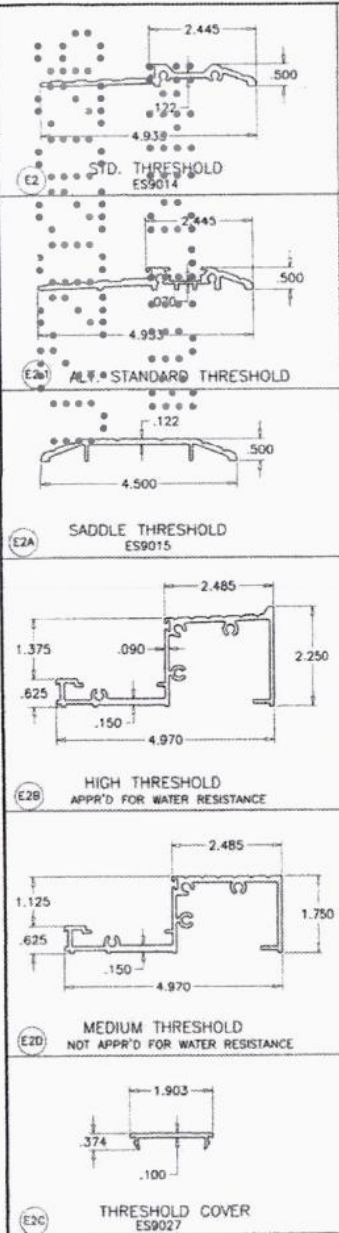
FL #22527

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-4978
CORP-ANL W17-915W

SERIES-9000 ALUM OUTSWING FRENCH DOOR (L.M.)
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
date:	10-18-17	scale:	1/2"=1'-0"	
drawn by:	TAPQ	checked by:		
drawing no.	W17-91			
sheet	13 of 18			

date: 10-19-17	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. W17-91			
sheet 14 of 18			



SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAKwork, Inc.
 1251 SW 20th Street
 Miami, FL 33145
 T 305.510.3802
 E: www.makwork.com

BY: *[Signature]*
 DATE: 06/23/2026

Project Number: 7076

☒ NO EXCEPTION TAKEN
☐ REJECTED
☒ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformity with design and intent and do not constitute a warranty of performance or fitness for any particular purpose. The Contractor is responsible for confirming and correlating all dimensions, quantities, processes and techniques of construction. The Contractor shall be responsible for coordinating his work with other trades and full compliance with the contract documents.

Reviewed by: *[Signature]*
 Date: 7/6/26

Sealed: 8/30/2023

FL #22527

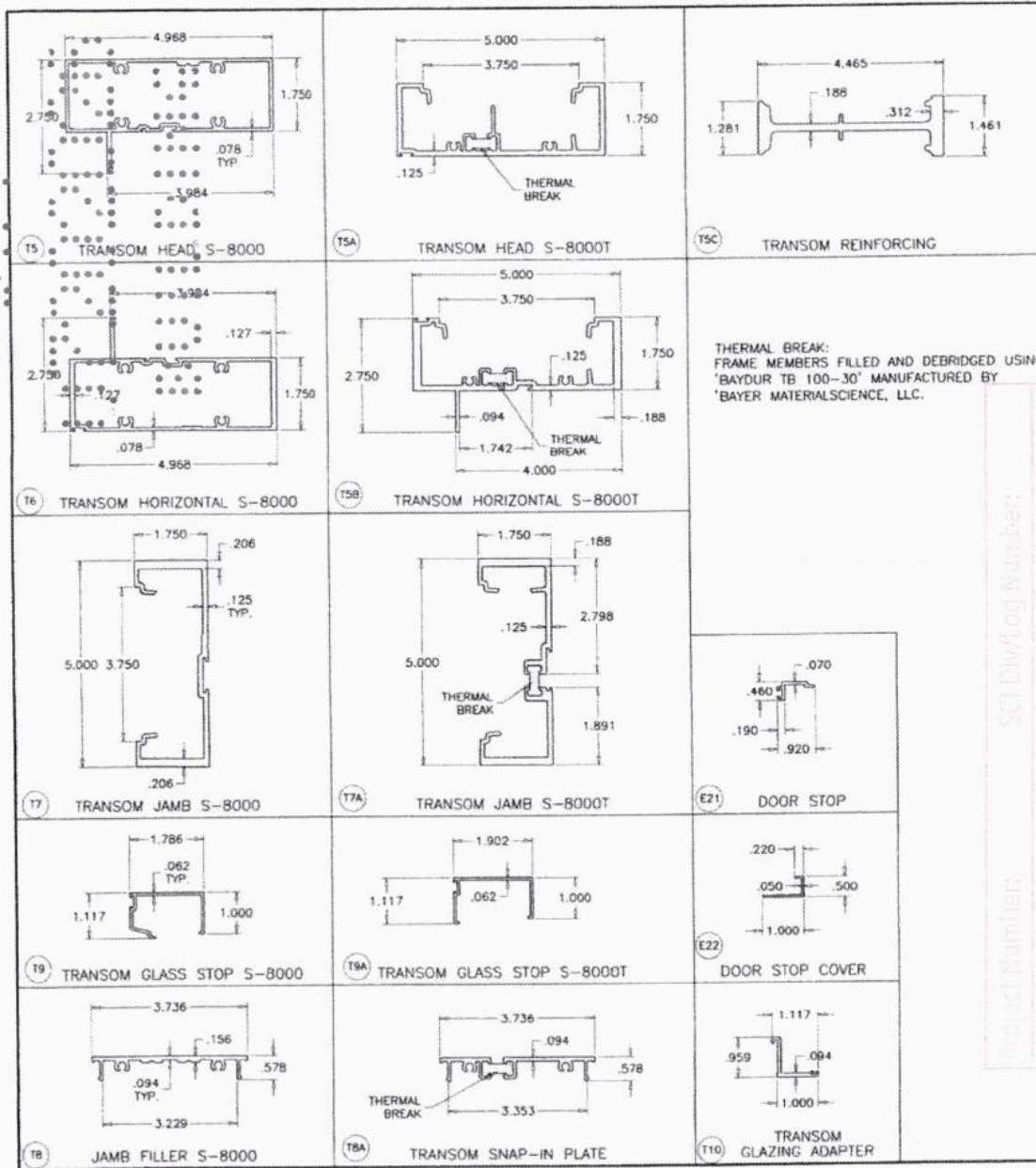


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9380 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL: (305) 264-8100 FAX: (305) 264-8078
 COMP-ANL W17-9 ESF

SERIES-9000 ALUM. OUTSILING FRENCH 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
1	10-19-17			

date: 10-19-17
 scale: 3/8" = 1"
 dr by: JAF
 chg. by:
 drawing no: **W17-91**
 sheet 14.1 of 18



THERMAL BREAK:
FRAME MEMBERS FILLED AND DEBRIDGED USING
'BAYDUR TB 100-30' MANUFACTURED BY
'BAYER MATERIALSCIENCE, LLC.

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAKwork, Inc.
1251 SW 20th Street
Miami, FL 33145
T: 305 310 2602
E: alyssa.krippl@makwork.com

BY: [Signature]
DATE: 06/23/2026

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

These documents have been reviewed only for conformance with design concepts and shall not be construed as a warranty of performance or a guarantee of results. The Contractor is responsible for confirming and correlating all quantities and dimensions, tolerances, and construction methods and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of his obligation to maintain the performance of any terms of the agreement.

Reviewed by: [Signature] Date: 7/10/20

YHCE CONSULTING ENGINEERS
19 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-8100 FAX (305) 262-9978
COMP-ANL W17-91ESW

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL (305) 638-5151 FAX (305) 638-5156

Revisions:
date 10-19-17
scale 3/8" = 1"
by TAP-0
chk. by

drawing no.
W17-91

sheet **14,2 of 18**

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-9012	1	DOOR HEADER	6061-T6	-
E2	ES-9014	1	STANDARD THRESHOLD	6063-T6	-
E2.1	ES-9000-030	1	ALT. STANDARD THRESHOLD	6061-T6	-
E2.2	ES-9011	1	SCREW COVER	6063-T6	-
E2.3	ES-9015	1	SADDLE THRESHOLD	6063-T6	-
E2.4	ES-9026	1	HIGH THRESHOLD	6063-T6	-
E2.5	ES-9027	1	THRESHOLD COVER	6063-T5	-
E2.6	ES-9000-036	1	MEDIUM THRESHOLD	6063-T6	-
E3	ES-9013	2	DOOR JAMB	6063-T6	-
E3.1	ES-7530-214	2	NARROW DOOR JAMB	6063-T6	-
E3.2	ES-7530-214	2	NARROW JAMB DOOR STOP	6063-T6	-
E4	ES-9009	2	TOP RAIL	6063-T5	-
E5	ES-9002	2	STD. BOTTOM RAIL	6063-T6	-
E5A	ES-9000-031	2	HR-PROFILE BOTTOM RAIL	6063-T6	-
E6	ES-9003	2	HINGE/LOCK STILE	6063-T5	-
E7	ES-9006	1	MEETING STILE - ACTIVE LEAF	6063-T5	-
E7A	-	1	ALT. MEETING STILE - ACTIVE LEAF	6063-T5	-
E8	ES-9009	1	MEETING STILE - INACTIVE LEAF	6063-T5	-
E8A	-	1	ALT. MEETING STILE - INACTIVE LEAF	6063-T5	-
E9	ES-9004	4	GLASS STOP (LAM. GLASS)	6063-T5	-
E9.1	ES-9009	4	GLASS STOP (INSUL. LAM. GLASS)	6063-T5	-
E10	ES-9009	4	CORNER BLOCK - TOP	6063-T5	-
E10B	ES-9008	4	CORNER BLOCK - BOTTOM	6063-T5	-
E11	ES-9009	4	CORNER PLATE - TOP	6063-T5	-
E11B	ES-9009	4	CORNER PLATE - BOTTOM	6063-T5	-
E12	ES-9010	4	SUPPORT ANGLE	6063-T5	3/4" x 1" x 1/8" x 9" LONG
E13	ES-9011	AS REQ.	HINGE BACKUP PLATE REINFORCEMENT	6063-T5	1-1/4" x 9" x 3/8" THK.
E13A	12-24 x 1/2"	4/ PLATE	HINGE BACKUP PLATE FASTENERS	ST. STEEL	PH MACHINE SCREWS
E14	ES-9020	1	LOCK BACKUP PLATE REINFORCEMENT	6063-T5	10" LONG
E14A	8-32 x 1/2"	3/ PLATE	LOCK PLATE FASTENERS	ST. STEEL	PH MACHINE SCREWS
E15	ES-9016	AS REQ.	JAMB FILLER	6063-T6	-
E16	ES-9017	AS REQ.	REINFORCEMENT	6063-T6	-
E17	ES-9021	1/ CLOSER	CLOSER SUPPORT CLIPS (PAIR)	6063-T5	-
E18	ES-9022	1	CLOSER DOOR STOP	6063-T5	-
E19	ES-9023	1/ CLOSER	CLOSER COVER PLATE	6063-T5	-
E20	ES-9005	-	DOOR SWEEP	-	-
E21	ES-9001	-	DOOR STOP	-	-
E22	ES-9052	-	DOOR STOP COVER	-	-
E23	ES-9060	-	ASTRAGAL STILE	6063-T5	SECURED WITH #8 x 1/2" SMS AT 12" O.C.
M1	-	28	#12 x 1" P.H. ST/ST SMS	-	-
M2	-	AS REQ.	#12 - 24 x 1" F.H. ST/ST MS	-	-
M3	-	18	#8 - 32 x 1/2" P.H. ST/ST MS	-	-
M4	-	16	3/8" - 16 x 1" HEX. BOLT	-	-
M5	ES-9000-001	AS REQ.	WEDGE GASKET	SILICONE	DUROMETER 70±5 SHORE A
M6	ES-9000-002	AS REQ.	SPACER GASKET	EPDM	DUROMETER 70±5 SHORE A
M7	ES-9000-003	AS REQ.	BULB VINYL BASE-POLYPROPYLENE, BULB-TPE	-	ULTRAFAB, DUROMETER 73±5 SHORE A
M8	ES-9000-001	AS REQ.	SETTING BLOCKS (LAM. GLASS) AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
M8.1	ES-9000-003A	AS REQ.	SETTING BLOCKS (INSUL. LAM. GLASS) AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
M9	-	AS REQ.	HINGE 4 1/2" x 4"	-	-
M9A	-	AS REQ.	OFFSET PIVOT HINGE	ALUMINUM	-
M9B	60AT 2-TLC	AS REQ.	RESIDENTIAL HINGE	-	DR. HAHN
M12	-	1	3 POINT LOCK	-	-
M13	-	1	KEY CYLINDER	-	-
M14	-	1	THUMBTURN	-	-
M15	-	1	2 POINT LOCK	-	-
M16	-	1/ LEAF	DOOR CLOSURE	-	-
M17	-	2	PUSH - PULL	-	-
M19	W13273NK	AS REQ.	PILE W/STRIPPING - HEADER	WOOL	-
M20	W23451NK	AS REQ.	PILE - MTG STILES	WOOL	-
M22	-	1/ CLOSER	CHANNEL SPACER 5/8" x 1-7/8"	-	-
M23	-	2	THRESHOLD CLIP	-	-

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
M26	-	2/ CLOSER	1/4 - 20 x 2" HEX. BOLT	-	-
M27	-	3/ CLOSER	#10 x 1" P.H. ST/ST SMS	-	-
M28	-	6/ CLOSER	#10 x 1" F.H. ST/ST SMS	-	-
M29	-	3/ CLOSER	#10 x 1" F.H. ST/ST SMS	-	-
M30	-	AS REQ.	#10 x 1 1/2" F.H. ST/ST SMS, AT 23" O.C.	ST. STEEL	-
M31	W13351NK	AS REQ.	PILE - DOOR SWEEP	WOOL	-
M32	W13275NK	AS REQ.	PILE - HEADER	WOOL	-
T1	ES-9506	-	TRANSOM HEADER Series 9500	6063-T6	-
T2	ES-9019	-	TRANSOM ADAPTER	6063-T5	-
T3	ES-9018	-	TRANSOM GLASS STOP	6063-T5	-
T4	ES-9502	-	HEAD COVER	6063-T5	-
T5	ES-8005	AS REQ.	TRANSOM HEAD S-8000	6005-T6	-
T5A	ES-8000T-018	AS REQ.	TRANSOM HEAD S-8000T	6005-T5	-
T5B	ES-8000T-017	AS REQ.	TRANSOM HORIZONTAL S-8000T	6061-T6	-
T5C	ES-8000T-006	AS REQ.	TRANSOM REINFORCING	6005-T5	-
T6	ES-8013	AS REQ.	HORIZONTAL AT DOOR S-8000	6061-T6	-
T7	ES-8012	AS REQ.	TRANSOM JAMB S-8000	6005-T6	-
T7A	ES-8000T-009T	AS REQ.	TRANSOM JAMB S-8000T	6005-T6	-
T8	ES-8003	AS REQ.	JAMB FILLER S-8000	6005-T5	-
T8A	ES-8000T-003	AS REQ.	HEAD/JAMB FILLER S-8000T	6005-T5	-
T9	ES-8006	AS REQ.	TRANSOM GLASS STOP S-8000	6063-T5	-
T9A	ES-8000T-005	AS REQ.	TRANSOM GLASS STOP S-8000T	6063-T5	-
T10	ES-8014	AS REQ.	TRANSOM GLAZING ADAPTER	6063-T6	-
MT1	-	-	#10 x 1/2" F.H. ST/ST SMS	-	-
MT2	-	-	TRIM GASKET	SILICONE	-
MT3	-	-	INTERIOR SPACER 1/4" x 1/4"	FOAM	-
MT4	-	AS REQ.	SETTING BLOCKS (1/16" x 3/4") AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
MT4A	-	AS REQ.	SETTING BLOCKS (3/16" x 1/2") AT 1/4 POINTS	EPDM	DUROMETER 85±5 SHORE A
MT4B	ES-7530-001A	AS REQ.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
MT5	ES-8010	AS REQ.	INTERIOR GLAZING GASKET	EPDM	DUROMETER 60±5 SHORE A
MT6	ES-8011A	AS REQ.	BUMP-ON GLASS SPACER	SILICONE	DUROMETER 85±5 SHORE A
MT7	ES-8009	AS REQ.	SILICONE STOP	SILICONE	-

SHOP DRAWING/SUBMITTAL REVIEW

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☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK

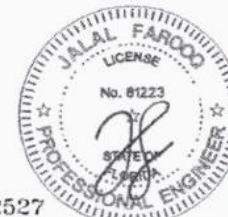
MAKwork, Inc.
1251 SW 20th Street
Miami, FL 33145
T: 305.510.0000
E: alyssa.kaplan@makwork.com

BY: *A*

DATE: 06/23/2026

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL: (305) 284-8100 FAX: (305) 284-8978
COMP-ANL W17-91ESW

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL 33142
TEL: (305) 638-5151 FAX: (305) 638-5155

Project Number: *218126*

These documents have been reviewed and initial general compliance with the contract documents, fabrication and assembly with all applicable trade requirements for performance.

NO EXCEPTION TAKEN
REJECTED
EXCEPTIONS AS NOTED

Revisions:
date: 10-19-17
not date: by description
scale: 3/8" = 1"
dr: by: LAG
chk: by:

drawing no: **W17-91**
sheet 15 of 18

LOCKS: (See Tables On Sheets 2 Thru 6 For Load Capacities)

OPTION #1: LIMIT MAX. LOADS TO ± 80.0 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #1285 LOCATED AT 41" FROM SILL AT EACH LEAF.

FASTENED WITH

- (1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END

OR

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'ADAMS RITE' LOCATED AT 40" FROM SILL AT EACH LEAF.

FASTENED WITH

- (2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END

OPTION #2: LIMIT MAX. LOADS TO ± 80.0 , -90.0 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'JACKSON PANIC SYSTEM' #2086 LOCATED AT 41" FROM SILL AT EACH LEAF.

FASTENED WITH

- (1) #14 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #12-24 X 1/2" OH MACHINE SCREWS AT OTHER END

OR

CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'DOR-O-MATIC' LOCATED AT 40" FROM SILL AT EACH LEAF.

FASTENED WITH

- (2) #12-24 X 1/2" FH MACHINE SCREWS AT ONE END

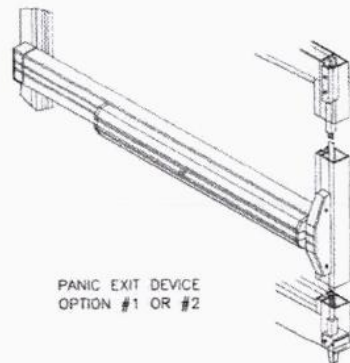
OPTION #2.1: LIMIT MAX. LOADS TO ± 90.0 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 3347 BY 'VON DUPRIN' LOCATED AT 40" FROM SILL AT EACH LEAF.

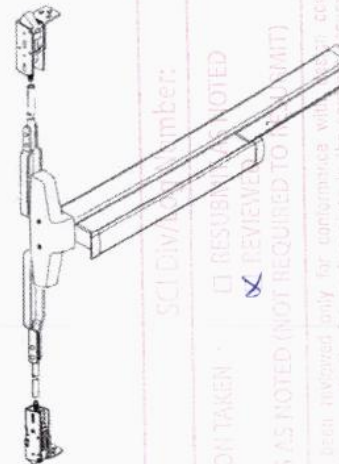
FASTENED WITH

- (2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



PANIC EXIT DEVICE
OPTION #1 OR #2

CONCEALED BOLTS ENGAGEMENT INTO FRAMES = 1/2" MIN. TYP.



Project Number: SCI DIVISION NUMBER: 718760

NO EXCEPTION TAKEN ☒ RESUBMITTED ☐
 REJECTED ☐ REVIEWED TO (NOT REQUIRED TO) (MIT) ☒
 EXCEPTIONS AS NOTED (NOT REQUIRED TO) (MIT) ☐

These documents have been reviewed only for conformance with the information given in the contract documents. The contractor is responsible for confirming and correlating dimensions at job sites for tolerances, clearances, quantities, processes and techniques of construction, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

Reviewed by: *BN* Date: 7/18/20

YHCE CONSULTING ENGINEERS
50 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

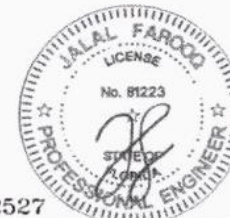
MAK
work

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305.310.2602
E: alyssa.loripien@makwork.com

BY: *A*

DATE: 06/23/2026

Sealed: 8/30/2023



FL #22527

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3528)
TEL: (305) 262-6978 FAX: (305) 264-8100
COMP-ANL W17-91ESW

SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.M.L.)
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
1	10-19-17	1"	
2	3/8"	TABCO	
3	dr	by	
4	chk	by	

drawing no. **W17-91**
sheet 16 of 18

LOCKS: (See Tables On Sheets 2 Thru 6 For Load Capacities)

OPTION #3:

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM 4015/4016 BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH

(2) #8-24 X 1 1/2" FH MACHINE SCREWS

INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM 1880/81 BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH

(2) #8-32 X 1 1/4" FH MACHINE SCREWS

ACTIVE LEAF:

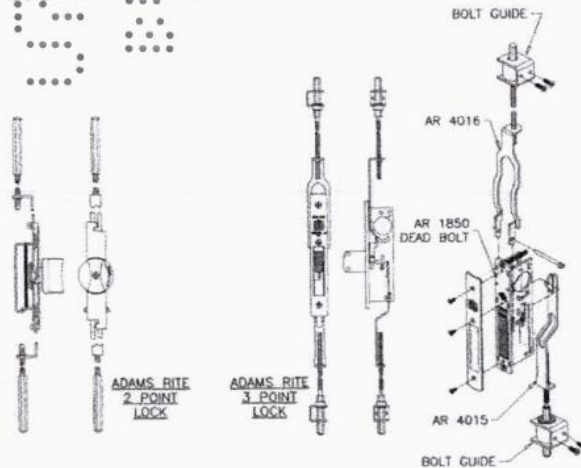
SURFACE MOUNT 3 POINT MORTISE LOCK SYSTEM BY 'INTERLOCK USA' KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR LEVER TYPE HANDLE AT 40" FROM BOTTOM ACTIVATES SHOOT BOLTS ENGAGING AT HEAD AND SILL FASTENED WITH

(2) #10 X 3/4" FH SMS

INACTIVE LEAF:

SURFACE MOUNT 2 POINT LOCK SYSTEM BY 'INTERLOCK USA' LEVER TYPE HANDLE AT 40" FROM BOTTOM ACTIVATES SHOOT BOLTS ENGAGING AT HEAD AND SILL FASTENED WITH

(2) #10 X 3/4" FH SMS



CONCEALED BOLTS ENGAGEMENT INTO FRAMES = 1/2" MIN. TYP.

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2602
E: alyssa.kriple@makwork.com

BY: *[Signature]*

DATE: 06/23/2026

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
These documents have been reviewed only for conformance with design concept and intent. Contractor compliance with the information given in this contract documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, fabrication and construction methods, and coordination of this trade with all other applicable trades. This review will not relieve the Contractor of the responsibility for performance of any terms of the agreement.	
Sealed by: <i>[Signature]</i>	Date: 7/10/26

Sealed: 8/30/2023



FL #22527

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.W.L.)
E.S. WINDOWS, LLC
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MIAMI, FL, 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

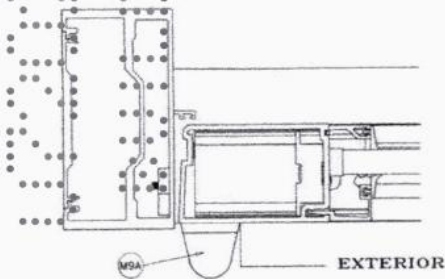
Revisions:
date 10-18-17
by 1"
scale 3/8" = 1"
dr by TARIQ
chk by

drawing no.
W17-91
sheet 16.1 of 18

HINGES: (See Tables On Sheets 2 Thru 6 For Load Capacities)

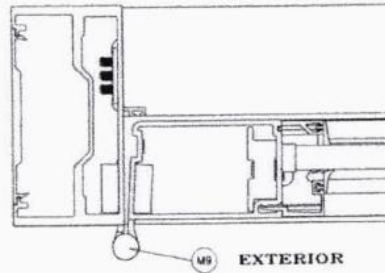
OPTION #1:

OFFSET PIVOT HINGES
ALUMINUM AT TOP AND BOTTOM
FASTENED TO FRAME AND THRESHOLD WITH
#10-24 X 1/2" FH THREAD CUTTING SCREWS
(2) AT THRESHOLD (2) AT JAMB BOTTOM
(3) AT FRAME HEAD
HEAVY DUTY BRASS OR BRONZE AT MIDSPAN
FASTENED TO FRAME AND LEAF WITH
(4) 1/4-20 X 5/8" MS



OPTION #2:

4 X 4-3/4" ST. STEEL BALL BEARING BUTT HINGES
LOCATED AT
11" FROM TOP & BOTTOM AND AT MIDSPAN
FASTENED TO DOOR FRAME AND LEAF STILE WITH
(4) #12-24 X 1/2" FH MACHINE SCREWS PER HASP

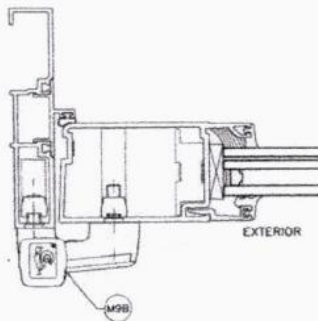


OPTION #2.1:

4 X 4-3/4" ST. STEEL BALL BEARING BUTT HINGES
(4) PER LEAF
(1) AT 9-5/8" FROM TOP TO CL OF HINGE
(1) AT 10-5/16" FROM BOTTOM TO CL OF HINGE
(2) INTERMEDIATE HINGES EQUALLY SPACED FROM
TOP AND BOTTOM HINGE
FASTENED TO DOOR FRAME AND LEAF STILE WITH
(4) #12-24 X 1/2" FH MACHINE SCREWS PER HASP

OPTION #3: LIMIT MAX. LOADS TO ±90.0 PSF

SERIES 60AT (DR HAHN A701) DIE CAST ALUMINUM HINGE
BY 'DR HAHN'
(2) HINGES PER LEAF AT 6" FROM TOP & BOTTOM



SHOP DRAWING/SUBMITTAL REVIEW

- ☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

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THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND
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CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF
CONSTRUCTION. COORDINATION OF HIS WORK WITH OTHER
TRADES AND FULL COMPLIANCE WITH THE CONTRACT
DOCUMENTS.

MAK
work

MAKwork, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2802
E: alyssa.kriplen@makwork.com

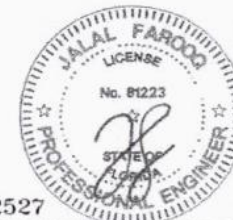
BY: 

DATE: 06/23/2026

Project Number: SCI Div/Lag Number:
☐ RESUBMIT AS NOTED
☒ REVIEWED
☐ NO EXCEPTION TAKEN
☐ REJECTED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)
These documents have been reviewed and approved for construction with the understanding that the Contractor is responsible for confirming and correlating dimensions at job sites for tolerances, clearances, quantities, processes and techniques of construction. Coordination of his work with other trades and full compliance with the contract documents is the responsibility of the Contractor. This review does not constitute a warranty of any kind or a representation of the Contractor's performance or the quality of the work.
Reviewed by:  Date: 7/8/26
YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.960.9433 • Fax: 305.960.9433

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
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9380 SUNSET DRIVE, SUITE 220 (C.A.N. 3539)
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SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.W.I.)
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3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL: (305) 638-5151 FAX: (305) 638-5158

Revisions:
 no. date by description
 10-19-17 3/8" = 1"
 8/ by LARG
 chg. by
 drawing no.
W17-91
 sheet 16.2 of 18

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

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MAK
1251 NW 20th Street
Miami, FL 33135
P: 305.596.9453

BY: *[Signature]*
DATE: 06/23/2026

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED

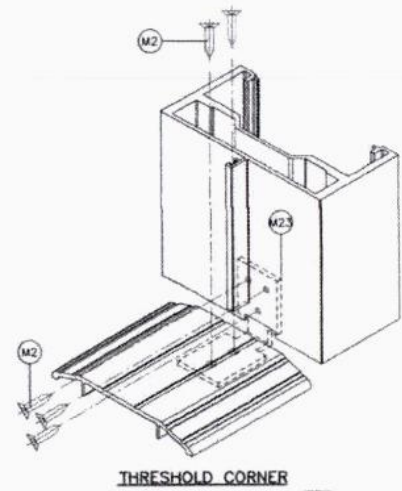
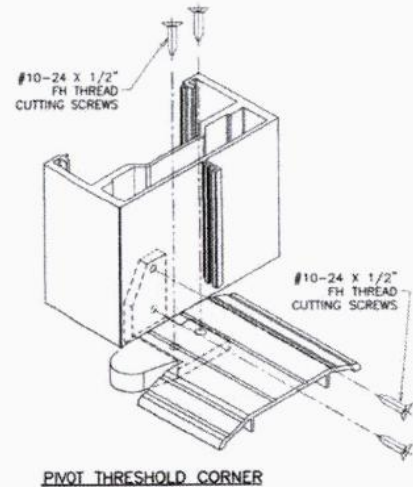
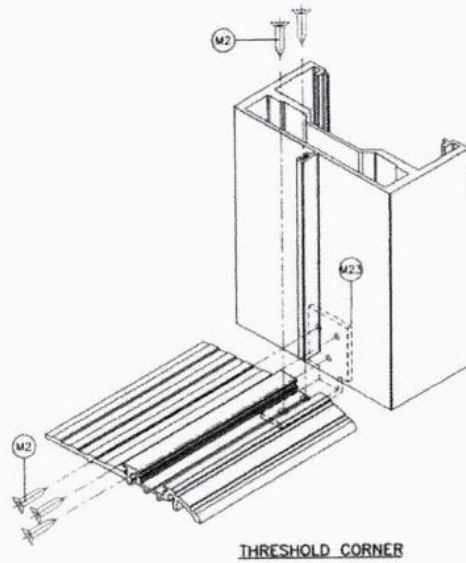
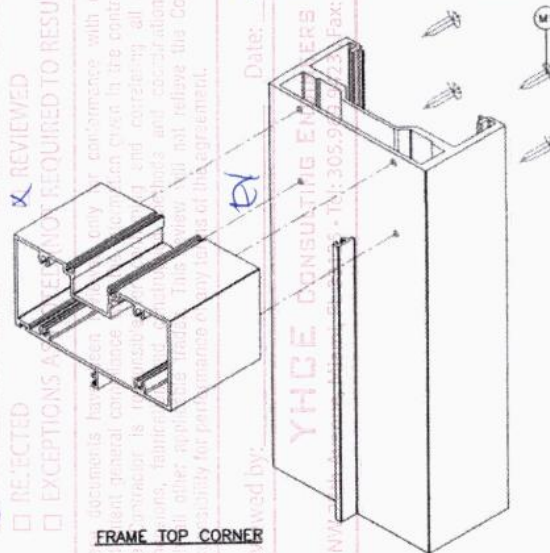
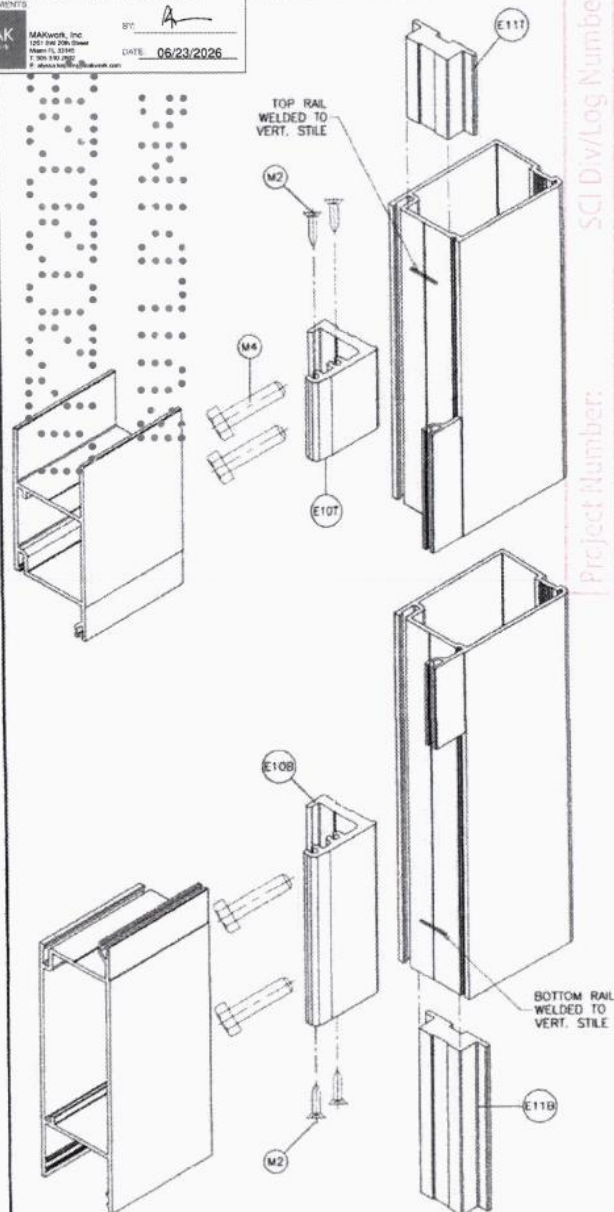
☐ REJECTED ☒ REVIEWED

☐ EXCEPTIONS ARE NOT REQUIRED TO RESUBMIT

The documents have been reviewed for general compliance with design concept and general conformance to contract documents. The Contractor is responsible for correcting all quantities and dimensions, fabricating and installing in accordance with the contract documents and coordination of this trade with other trades. This review will not relieve the Contractor of the responsibility for performance of the work.

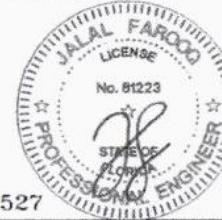
Reviewed by: *[Signature]* Date: 7/8/26

YHCE CONSULTING ENGINEERS
59 NW 1st Street, Suite 101 • Tel: 305.969.9453 Fax: 305.969.9453



Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 250
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TEL (305) 264-6100 FAX (305) 262-6978
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SERIES-9000 ALUM. OUTSWING FRENCH DOOR (L.M.)

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

Revisions:	no	date	by	description

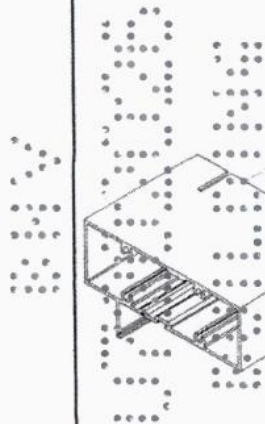
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Dr. By: TARGO

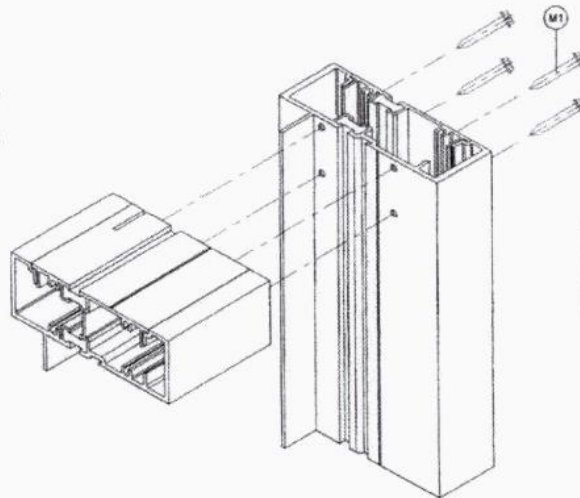
chk. By:

drawing no. **W17-91**

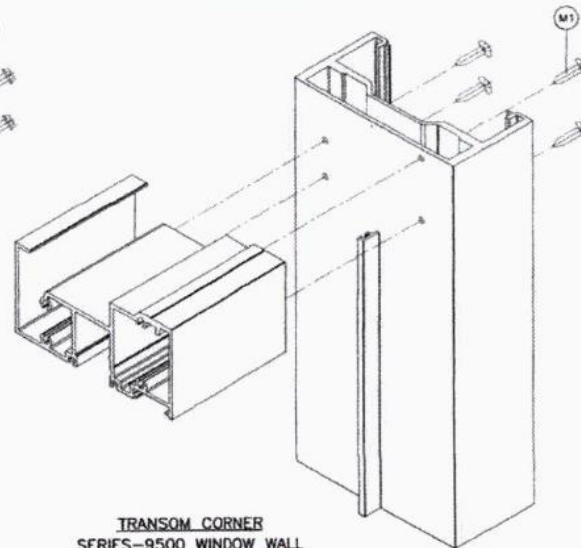
sheet 17 of 18



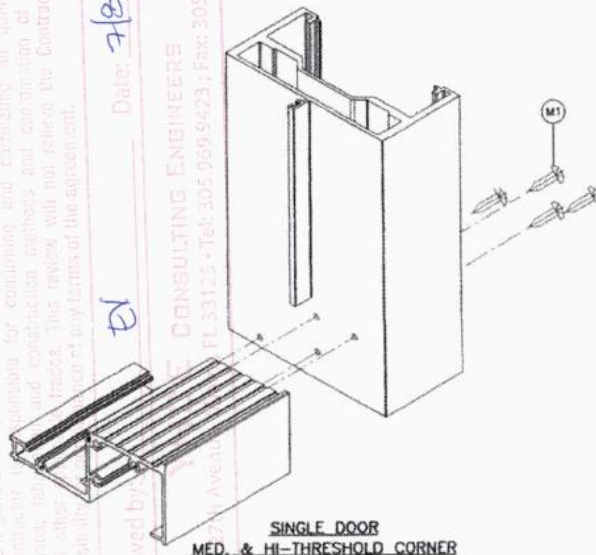
**TRANSOM CORNER
SERIES-8000 WINDOW WALL**



**TRANSOM CORNER
SERIES-8000T WINDOW WALL**



**TRANSOM CORNER
SERIES-9500 WINDOW WALL**



**SINGLE DOOR
MED. & HI-THRESHOLD CORNER**

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED

☐ REJECTED ☐ REVISE AND RESUBMIT

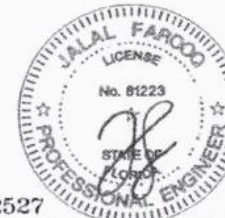
SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMANCE AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PRIORITIES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK
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1201 SW 22nd Street
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E: alfarooq@makwork.com

BY:
DATE: 06/23/2026

Sealed: 8/30/2023

FL #22527



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100 FAX: (305) 262-8978
(C.A.N. 3589)
COMP-ANL W17-91ESW

SERIES-9000 ALUM. OUTSWING FRENCH DOOR (LUL)

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

Scale: 10'-19'-17"
Scale: 3/8" = 1"
Dr. by: JARQ
chk. by:

drawing no.
W17-91

sheet 18 of 18



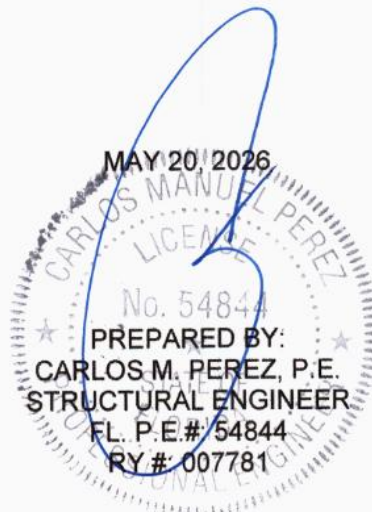
BY
UPDATES
BUILDING

WIND CALCULATIONS

PROJECT:

IMPACT WINDOW / DOOR INSTALLATION AT:

9700 COLLINS AVENUE, RETAIL SPACE F-2256
BAL HARBOUR, FLORIDA
MIAMI-DADE COUNTY



DESIGN CALCULATIONS

- CODE: ASCE 7-22
- WIND VELOCITY = 175 MPH
- EXPOSURE CATEGORY = D
- RISK CATEGORY = II

• $K_d = 1.00$; $K_{zt} = 1.00$

• VELOCITY PRESS. EXPOSURE COEF. (K_h) = 1.34
(FROM TABLE 30.3-1)

• ROOF SLOPE = 0/12

• BLDG. "W" @ NARROWEST DIM. = 174'-9"

• MEAN ROOF HEIGHT (h) = 68'-0"

• a (CORNER DISTANCE FOR ZONE 5):

$a = 0.4 \times 68'-0" = 27'-2"$

$a = 0.1 \times 174'-9" = 17'-6"$ ←

• $q_h = 0.00256 K_h K_{zt} K_d V^2$
• $q_h = 0.00256 (1.34) (1.00) (1.00) (175)^2$
• $q_h = 105.2$ PSF
• $q_z = 93.6$ PSF
• $P_{q1} [q_h (G_{Cp}) \pm q_n (G_{Ce})] \times 0.60$

* WHERE: $G_{Ce} = \pm 0.18$

(K_z) = 1.194 (FOR + PRESSURES)

ZONE	WINDOWS CRIT. AREA < 25 #		DOORS / WINDOWS CRIT AREA ≥ 32 #	
	4	5	4	5
$G_{Cp}(+)$	0.879	0.879	0.856	0.856
$G_{Cp}(-)$	-0.886	-1.745	-0.871	-1.683
PRESSURE (+) PSF ALL	+59.5	+59.5	+58.2	+58.2
SUCTION (-) PSF ALL	-67.2	-121.3	-66.2	-117.4

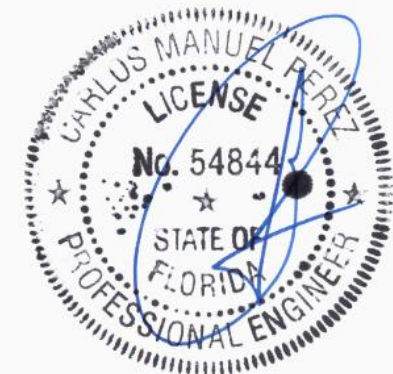
JOB NAME :

RETAIL SPACE F-2256

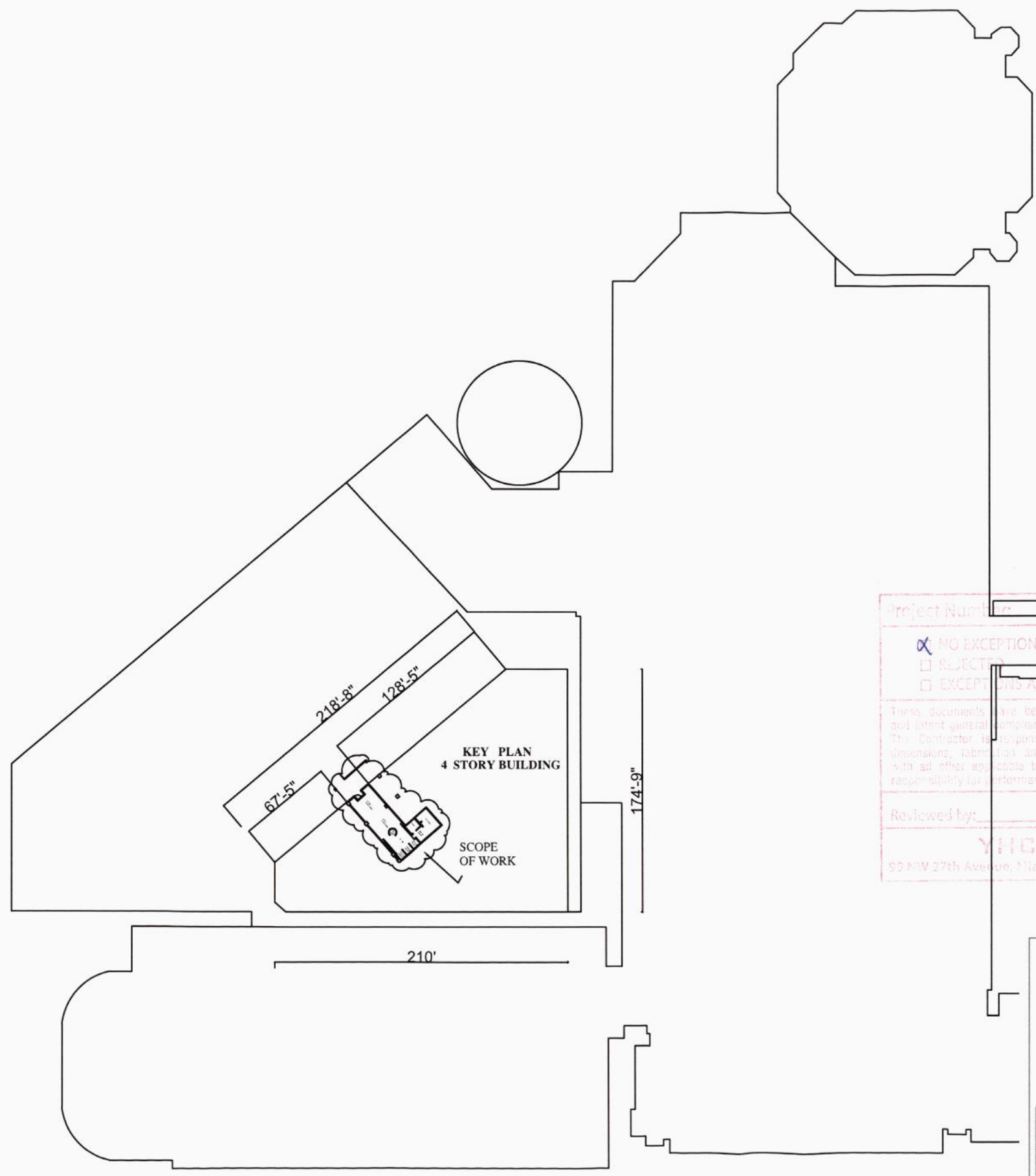
9700 COLLINS AVENUE

BAL HARBOUR , FL

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN	☐ RESUBMIT AS NOTED
☐ REJECTED	☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	
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Reviewed by: <u>EV</u>	Date: <u>7/8/20</u>
YHCE CONSULTING ENGINEERS 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 ; Fax: 305.969.9453	



SHOP DRAWING/SUBMITTAL REVIEW	
☒ APPROVED	☐ APPROVED WITH CHANGES NOTED
☐ REJECTED	☐ REVISE AND RESUBMIT
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MAKwork, Inc. 1251 SW 20th Street Miami, FL 33145 T: 305.310.2602 E: alyssa.kriplen@makwork.com	BY: <u>A</u> DATE: <u>06/23/2026</u>



6/19/2026

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED
☐ REJECTED ☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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Reviewed by: EV Date: 7/8/26

YHCE CONSULTING ENGINEERS
99 NW 27th Avenue, Miami, FL 33135 • Tel: 305.969.9423 • Fax: 305.969.9453

SHOP DRAWING/SUBMITTAL REVIEW

☒ APPROVED ☐ APPROVED WITH CHANGES NOTED
☐ REJECTED ☐ REVISE AND RESUBMIT

SUBMITTAL WAS REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOB SITES FOR TOLERANCES, CLEARANCES, QUANTITIES, PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

MAK work, Inc.
1251 SW 20th Street
Miami FL 33145
T: 305 310 2802
E: alyssa.kriplen@makwork.com

BY: A
DATE: 06/23/2026

CARLOS MANUEL PEREZ, P.E.

STRUCTURAL ENGINEERING CONSULTANTS, INC.
RY. NO. 0007781
CARLOS MANUEL PEREZ, P.E.
FL. P.E. # : 54844
9420 S.W. 112TH STREET, MIAMI, FL 33176
TEL 786-242-1720

RETAIL SPACE F-2256 AT :
9700 COLLINS AVENUE
BAL HARBOUR, FL

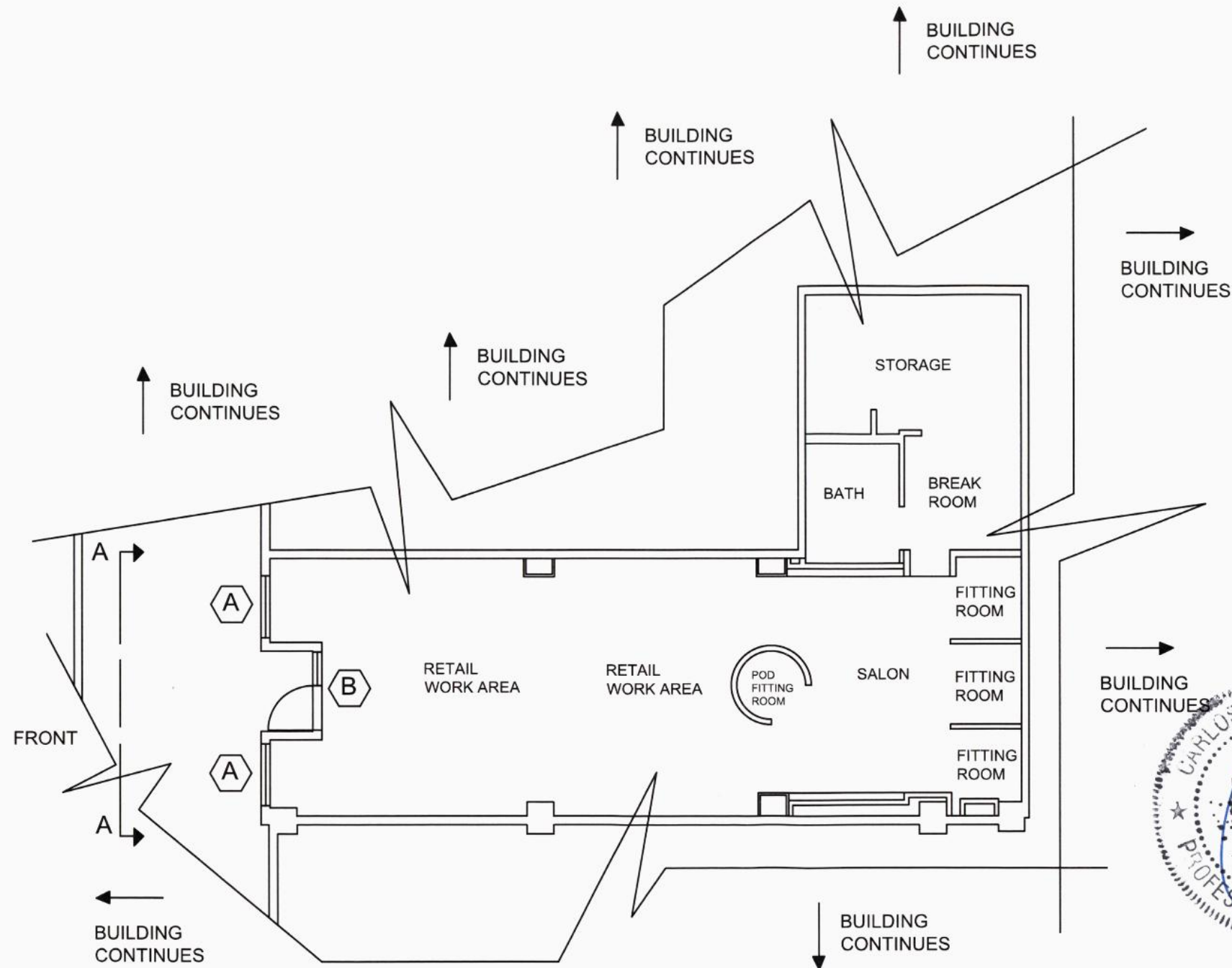
DWG BY : M. R. Z.

SCALE : 3/16" = 1'

DATE JOB CAD : 05/22/2025

**STRUCTURAL
ENGINEERING
CONSULTANTS
INC.**

1 of 3



NOTE:
 MEAN ROOF HEIGHT : 68'- 0"
 ROOF TYPE : FLAT ROOF

FLOOR PLAN RETAIL SPACE F-2256

Project Number:	SCI Div/Log Number:
☒ NO EXCEPTION TAKEN ☐ REJECTED ☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)	☐ RESUBMIT AS NOTED ☒ REVIEWED
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Reviewed by: EV	Date: 7/8/24
YHCE CONSULTING ENGINEERS 99 NW 27th Avenue, Miami, FL 33125 • Tel: 305.969.9423 • Fax: 305.969.9453	

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MAK MAKwork, Inc. 1251 SW 20th Street Miami FL 33145 T: 305 510 2802 E: alyssa.kriplen@makwork.com	BY: A DATE: 06/23/2026

CARLOS MANUEL PEREZ, P.E. STRUCTURAL ENGINEERING CONSULTANTS, INC. RY. NO. 0007781 CARLOS MANUEL PEREZ, P.E. F.L. P.E. # : 54844 9420 S.W. 112TH STREET, MIAMI, FL 33176 TEL 786-242-1720	RETAIL SPACE F-2256 AT : 9700 COLLINS AVENUE BAL HARBOUR, FL
DWG BY : M. R. Z.	
SCALE : 3/16" = 1'	
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2 of 3	

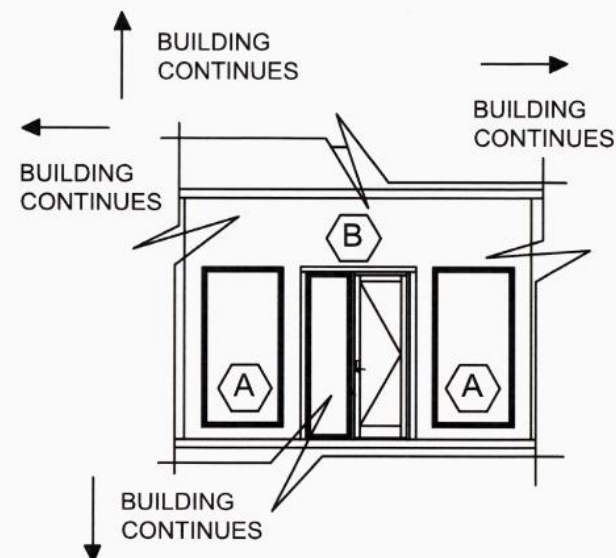
NOTE 1: WINDOW FRAMES/MULLION ANCHORAGE TO MAIN STRUCTURE SHALL BE IN STRICT ACCORDANCE WITH THE UNIT'S NOTICE OF ACCEPTANCE-REFER TO PRODUCTS CONTROLS.

NOTE 2: ONLY THE OPENINGS THAT ARE IDENTIFIED WITH THEIR PRODUCTS CONTROL N.O.A. DESIGN PRESSURES, AND SIZE ARE PART OF THIS PERMIT. ALL OTHER OPENINGS ARE NOT PART OF THIS PERMIT.

NOTE 3: THE MAIN WIND FORCE RESISTING SYSTEM OF THE STRUCTURE (I.E. BEAMS, COLUMNS, WALLS, FRAMING, ETC) SHALL BE DESIGNED TO WITHSTAND THE LOADS POSED BY THE GLAZING. NO CALCULATIONS HAVE BEEN PERFORMED TO VERIFY THEIR ADEQUACY. STRUCTURAL ENHANCEMENTS/ ALTERATIONS OF EXISTING OPENINGS ARE BEYOND THE SCOPE OF THIS PROJECT AND, IF NECESSARY, SHALL BE DONE BY OTHERS.

NOTE 4: WINDOW COMPANY SHALL FIELD VERIFY ALL ACTUAL FIELD DIMENSIONS PRIOR TO FABRICATION.

NOTE 5: IT IS THE EXCLUSIVE RESPONSIBILITY OF THE WINDOW COMPANY TO PROVIDE PRODUCTS THAT MEET OR EXCEED THE ENERGY VALUES MANDATED BY THE STATE OF FLORIDA. COMPLIANCE WITH ENERGY VALUES IS BEYOND THE SCOPE OF THIS ENGINEERING REPORT.



PARTIAL FRONT ELEVATION A-A

"A" OVERALL FRAME SIZE: 54-3/8"(W) X 103-1/2" (H) (1 - LITE)
SERIES " ES-8000" ALUMINUM WINDOW WALL SYSTEM- L.M.I.
N.O.A.: 24-0321.07
ZONE 4 : + 58.2 - 66.2
GLAZING: 9/16" LAMINATED IMPACT RESISTANT GLASS

EXTERIOR LITE: 1/4" H.S. GLASS
.090" SENTRYGLAS INTERLAYER
INTERIOR LITE: 1/4" H.S. GLASS

- NOTE 1: STOREFRONT HEADER / SILL SHALL BE ATTACHED IN COMPLIANCE WITH THE ANCHORAGE DETAILS ILLUSTRATED ON SHEET 1.1 OF 12 OF PRODUCT APPROVAL (REFER TO SHEET 8 OF 12 FOR ANCHOR DESCRIPTIONS).
- NOTE 2: STOREFRONT JAMBS SHALL BE FASTENED (OPTION WITH JAMB ANCHORS) TO THE SUBSTRATE USING ANCHORAGE COMPLYING WITH THE ANCHORAGE DETAILS & SPACING ILLUSTRATED ON SHEET 1.1 OF 12 OF PRODUCT APPROVAL (REFER TO SHEET 8 OF 12 FOR ANCHOR DESCRIPTIONS).

"B" OVERALL OPENING SIZE : 74-1/2" (W) X 107-1/8" (H)
SINGLE DOOR (RIGHT) : 40" (W) X 107-1/8" (H) (OVERALL FRAME SIZE)(DOOR LEAF PANEL WIDTH =36-1/2")
SERIES "ES- 9000" ALUMINUM OUTSWING STOREFRONT ENTRANCE DOOR-L.M.I.
FL #: 22527.1
ZONE 4: + 58.2 - 66.2
GLAZING: 9/16" LAMINATED IMPACT RESISTANT GLASS
EXTERIOR LITE: 1/4" H.S.GLASS
.090" SENTRYGLAS INTERLAYER
INTERIOR LITE: 1/4" H.S.GLASS

NOTE 1: DOOR FRAME HEADER / SILL / JAMBS SHALL BE ATTACHED USING ANCHORAGE OPTIONS COMPLYING WITH THE ANCHORAGE DETAILS ILLUSTRATED ON SHEET 2 OF 18 OF PRODUCT APPROVAL (REFER TO SHEET 10 OF 18 FOR ANCHOR DESCRIPTIONS).

NOTE 2: SINCE THIS DOOR INSTALLATION REQUIRES A CODE APPROVED ADA-COMPLIANT THRESHOLD, AN EXISTING OVERHANG WHOSE OVERHANG RATIO (OVERHANG LENGTH/ OVERHANG HEIGHT) IS EQUAL TO OR GREATER THAN 1.0 SHALL BE PROVIDED (BY OTHERS).

NOTE 3: DOOR PULLS SHALL BE PROVIDED BY GENERAL CONTRACTOR. NO HOLES SHALL BE DRILLED.

SIDELITE (TO THE LEFT OF THE DOOR) :
(1) 34 - 1/2" (W) X 107-1/8" (H) PANEL (1-LITE)

SERIES " ES-8000" ALUMINUM WINDOW WALL SYSTEM- L.M.I.
N.O.A: 24-0321.07
ZONE 4: + 59.5 - 67.2
GLAZING: 9/16" LAMINATED IMPACT RESISTANT GLASS

EXTERIOR LITE: 1/4" H.S. GLASS
.090" SENTRY GLASS INTERLAYER
INTERIOR LITE: 1/4" H.S. GLASS

NOTE 4: INTERMEDIATE DOOR FRAME VERTICAL MULLION OPTION "MD1" MAY BE USED FOR THIS INSTALLATION - REFER TO TABLE ON SHEET 6 OF 12 OF PRODUCT APPROVAL.

NOTE 5: STOREFRONT HEADER/ SILL/ JAMBS SHALL BE ATTACHED IN COMPLIANCE WITH THE ANCHORAGE DETAILS ILLUSTRATED ON SHEET 1 OF 12 OF PRODUCT APPROVAL (REFER TO SHEET 8 OF 12 FOR ANCHOR DESCRIPTIONS).

NOTE 6: STOREFRONT HEADER/ SILL SHALL BE FASTENED TO THE SUBSTRATE USING MULLION CLUSTER ANCHOR QUANTITIES STIPULATED ON SHEETS 5 AND 5.1 OF 12 OF PRODUCT APPROVAL (REFER TO SHEET 8 OF 12 FOR ANCHOR DESCRIPTIONS).

NOTE 7: STOREFRONT JAMBS SHALL BE FASTENED TO THE SUBSTRATE USING ANCHOR SPACINGS FOR THE SECURED JAMB OPTION STIPULATED ON SHEET 1 OF 12 OF PRODUCT APPROVAL (REFER TO SHEET 8 OF 12 FOR ANCHOR DESCRIPTIONS).

Project Number: SCI Div/Log Number:

☒ NO EXCEPTION TAKEN ☐ RESUBMIT AS NOTED
☐ REJECTED ☒ REVIEWED
☐ EXCEPTIONS AS NOTED (NOT REQUIRED TO RESUBMIT)

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Reviewed by: EV Date: 7/10/20

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3 of 3

VH8
800070
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9700 COLLINS AVE F-2256

VILLAGE COPY

SBL2026-0564

BAL HARBOUR VILLAGE			
The "JOB COPY" of the plans must be available at the Building site for inspections.			
SECTION	Reviewed for Code Compliance		
	PRINT NAME	SIGNATURE	DATE
BUILDING	ER	[Signature]	7/21/26
FLOODPLAIN			
STRUCTURAL		[Signature]	7/21/26
ELECTRICAL			
MECHANICAL			
PLUMBING			
ZONING			
LANDSCAPING			
PUBLIC WORKS			
UTILITIES			

Subject to compliance with all Federal, State, and County Laws Rules and Regulations. The Village assumes no responsibility for accuracy of or results from these plans.

NOTICE: In addition to the requirements of the permit there may be additional restrictions applicable to this property that may be found in the public records of this County.