



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

NOTICE OF ACCEPTANCE (NOA)

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

EGS International, LLC
3133 S.W. 25th Street
Pembroke Park, FL 33009

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: Atlantic Series Aluminum Sliding Glass Door – S.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-80 Rev I**, titled “Atlantic Series SM 130 Alum Sliding Glass Door”, sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 09/10/04 and last revised on DEC 07, 2017, signed and sealed by Javad Ahmad, 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: Small Missile Impact Resistant

Limitations:

1. See Design Pressure (DP) ratings with glass types & Reinforcing in sheet **2**. See DP ratings of anchor types in sheet **3**. Lower Design Pressure Ratings shall apply to entire system. Positive (Exterior) DP shall be limited to sill height per sheet **2**.
2. The total tested frame area must not exceed 180 sq. ft. per FBC requirements.
3. All SGD doors containing operable panel (X) require channel reinforcement (item #31) at Bottom Rails.

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #14-0807.18 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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

NOA No. 17-1218.21
Expiration Date: December 24, 2019
Approval Date: February 15, 2018
Page 1



Handwritten signature and date: 2/15/18

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA# 12-0131.14, 09-0520.07)*
2. Drawing No. **W04-80 Rev H**, titled "Atlantic Series SM 130 Alum Sliding Glass Door", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 09/10/04 and last revised on 12/18/14, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files# 12-0131.15/#09-0520.08)

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) Small Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5728**, dated 10/10/08, signed and sealed by Carlos Rionda, P.E. *(Submitted under NOA# 09-0520.07)*

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
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4183**, dated 05/18/04, signed and sealed by Edmundo Largespada, P. E.

along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2652**, dated 05/15/00, signed and sealed by Aldo P. Gonzales, P.E.

3. Additional referenced report **FTL 1622**, per SFBC, PA 201, 202 & 203-94, prepared by Fenestration Testing Laboratory, Inc., signed and sealed by Late Gilbert Diamond, P.E., along with addendum letter dated 05/01/98, issued by Fenestration Testing lab.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014, 5th Edition, prepared by Al Farooq Corporation, dated 07/23/14 and revised on DEC 03, 2014, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-02 & -04.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.08** issued Eastman Chemical Company (MA) former Solutia Inc. for "**Saflex CP™ - Saflex and Saflex HP Composite Glass Interlayer w/ PET Core**", expiring on December 11, 2018.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 17-1218.21

Expiration Date: December 24, 2019

Approval Date: February 15, 2018

EGS International, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance to FBC 2014, 5th Edition and letter of no financial interest, prepared by Al Farooq Corporation, dated 07/04/14, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance as part of the above referenced test report.

G. OTHERS

1. This NOA **revises & renews** NOA #12-0131.15 expiring on December 30, 2014.
2. **New Evidence submitted.**

A. DRAWINGS

1. Drawing No. **W04-80 Rev I**, titled "Atlantic Series SM 130 Alum Sliding Glass Door", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 09/10/04 and last revised on DEC 07, 2017, signed and sealed by Javad Ahmad, P.E.

Note: This revision consist of editorial changes of FBC 17 (6th Edition) code compliance.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0423.16** issued Eastman Chemical Company (MA) former Solutia Inc. for "**Saflex HP Clear and color Glass**", expiring on April 04, 2018.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition), dated 11/14/17, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

H. OTHER

1. This NOA **revises # 14-0807.18**, expiring 12/24/19.

Ishaq I. Chanda

Ishaq I. Chanda P.E.

Product Control Examiner

NOA No. 17-1218.21

Expiration Date: December 24, 2019

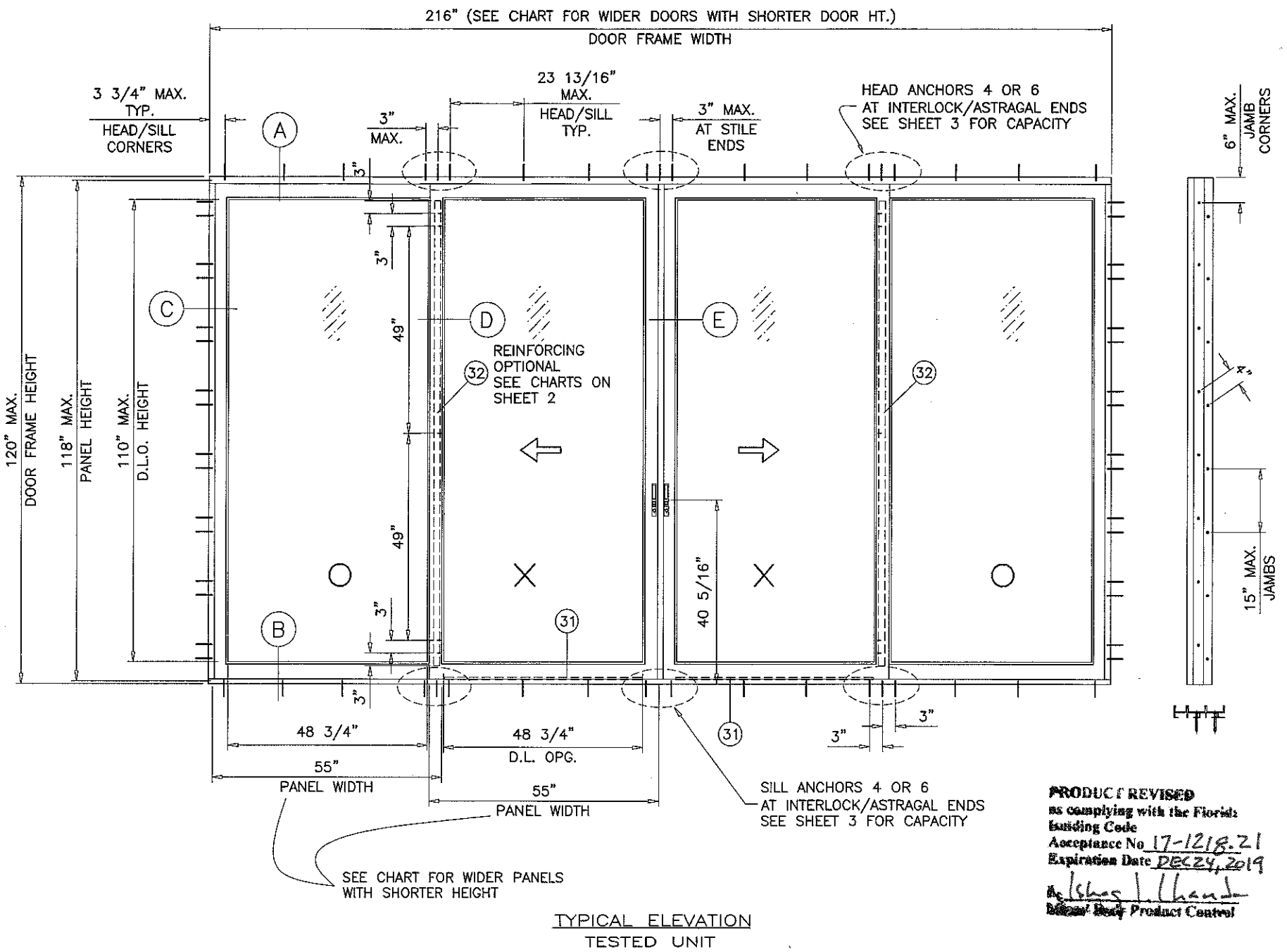
Approval Date: February 15, 2018

DAYLITE OPENINGS:
 D.L.O. HEIGHT = PANEL HEIGHT - 8.875"
 D.L.O. WIDTH = PANE
 PANEL HEIGHT = DOOR HEIGHT - 2"

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT.
 MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS
 REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE.
 SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

ATLANTIC SERIES SM 130 ALUM SLIDING GLASS DOOR
 SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS/REINF.
 USING CHART ON SHEET 3 SELECT ANCHOR OPTION WITH DESIGN
 RATING MORE THAN DESIGN LOADS REQUIRED.
 LOWER DESIGN PRESSURES FROM GLASS OR ANCHOR CHARTS
 WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
 REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH 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 2014/2017 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.

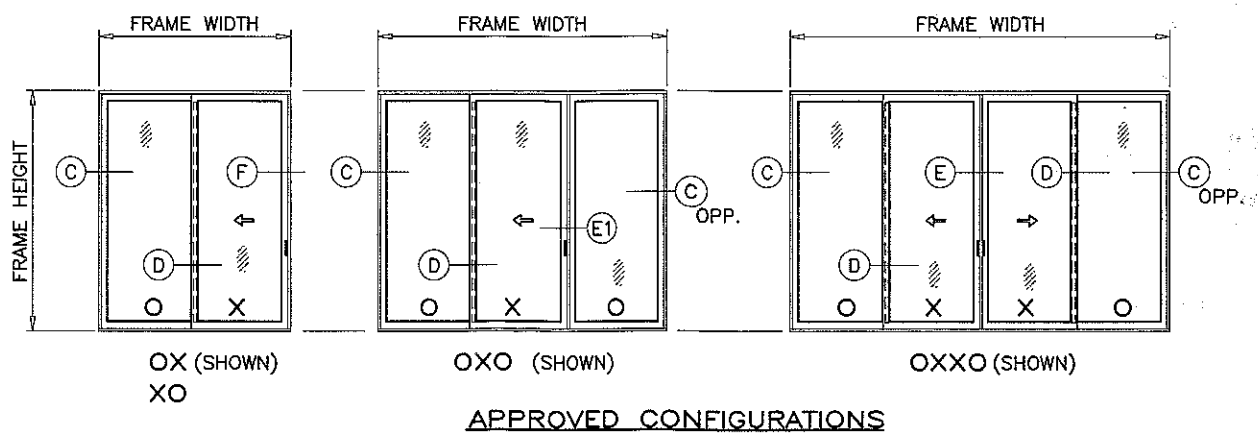


SEE CHART FOR WIDER PANELS
 WITH SHORTER HEIGHT

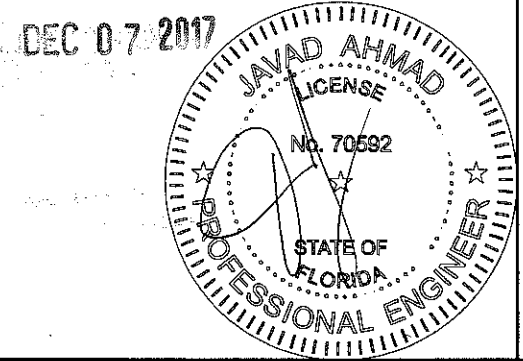
TYPICAL ELEVATION
 TESTED UNIT

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218.21
 Expiration Date DEC 24, 2019
 Javad Ahmad
 Director of Product Control

APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED
 BY AHJ.
 ALL DOOR INSTALLATIONS MUST BE IN ACCORDANCE WITH
 EGS INSTALLATION INSTRUCTIONS.
 ALL SEALANTS TO BE TREMCO SPECTREM 2.



APPROVED CONFIGURATIONS



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
 MIAMI, FLORIDA 33173 TEL. (305) 262-6978
 TEL. (305) 264-8100 FAX. (305) 262-6978
 EGS\SM\W04-80EGS

ATLANTIC SERIES SM 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
 3133 S.W. 25TH STREET
 PEMBROKE PARK, FL. 33009
 TEL. (954) 964-1441 FAX. (954) 964-1533

no	date	description
E	11.14.11	UPDATED TO 2010 FBC
F	05.14.12	REV. PER PERA COMMENTS
G	07.15.14	UPDATED TO 2014 FBC
H	12.02.14	REV. PER RER COMMENTS
I	11.28.17	UPDATED TO 2017 FBC

date: 9-10-04
 scale: 3/8"=1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
W04-80
 sheet 1 of 8

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	W/O REINF'D INTERLOCKS		WITH ITEM #32 REINF'D INTERLOCKS	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	84	80.0	160.0	130.0	130.0
30		80.0	160.0	130.0	130.0
36		80.0	160.0	130.0	130.0
39-1/4		80.0	160.0	130.0	130.0
42		74.8	149.5	130.0	130.0
48		80.0	130.0	130.0	130.0
50		76.8	124.8	130.0	130.0
54		71.1	115.6	130.0	130.0
56		68.6	111.4	125.4	125.4
60		64.0	104.0	117.0	117.0
24	90	80.0	160.0	130.0	130.0
30		80.0	160.0	130.0	130.0
36		80.0	160.0	130.0	130.0
39-1/4		80.0	160.0	130.0	130.0
42		74.8	149.5	130.0	130.0
48		80.0	130.0	130.0	130.0
50		76.8	124.8	130.0	130.0
54		71.1	115.6	130.0	130.0
56		68.6	111.4	125.4	125.4
60		-	-	117.0	117.0
24	96	80.0	160.0	130.0	130.0
30		80.0	160.0	130.0	130.0
36		80.0	160.0	130.0	130.0
39-1/4		80.0	160.0	130.0	130.0
42		80.0	130.0	130.0	130.0
48		80.0	130.0	130.0	130.0
50		76.8	124.8	130.0	130.0
54		71.1	115.6	130.0	130.0
56		-	-	125.4	125.4
60		-	-	117.0	117.0
24	102	80.0	130.0	130.0	130.0
30		80.0	130.0	130.0	130.0
36		80.0	130.0	130.0	130.0
39-1/4		80.0	130.0	130.0	130.0
42		80.0	130.0	130.0	130.0
48		80.0	130.0	130.0	130.0
50		76.8	124.8	130.0	130.0
54		-	-	130.0	130.0
56		-	-	125.4	125.4
60		-	-	117.0	117.0
24	108	80.0	130.0	130.0	130.0
30		80.0	130.0	130.0	130.0
36		80.0	130.0	130.0	130.0
39-1/4		80.0	130.0	130.0	130.0
42		80.0	130.0	130.0	130.0
48		80.0	130.0	130.0	130.0
50		-	-	130.0	130.0
54		-	-	130.0	130.0
56		-	-	125.4	125.4
60		-	-	117.0	117.0

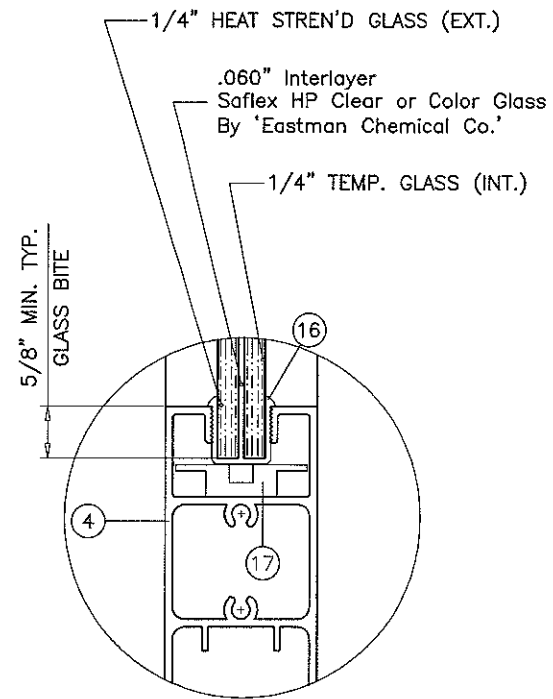
DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH NOMINAL INCHES	DOOR FRAME HEIGHT INCHES	W/O REINF'D INTERLOCKS		WITH ITEM #32 REINF'D INTERLOCKS	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	114	-	-	130.0	130.0
30		-	-	130.0	130.0
36		-	-	130.0	130.0
39-1/4		-	-	130.0	130.0
42		-	-	130.0	130.0
48		-	-	130.0	130.0
50		-	-	130.0	130.0
54		-	-	127.9	127.9
56		-	-	122.7	122.7
24		120	-	-	130.0
30	-		-	130.0	130.0
36	-		-	130.0	130.0
39-1/4	-		-	130.0	130.0
42	-		-	130.0	130.0
48	-		-	130.0	130.0
50	-		-	130.0	130.0
54	-		-	121.3	121.3

PANEL HEIGHT = DOOR HEIGHT - 2"

(INTERPOLATION BETWEEN WIDTHS ALLOWED)

SHOWN CAPACITIES ARE FOR
4.938" SILL HEIGHTS
LIMIT EXTERIOR(+) LOADS AS FOLLOWS
3.750" SILL HT. = +80.0 PSF
3.188" SILL HT. = +53.3 PSF

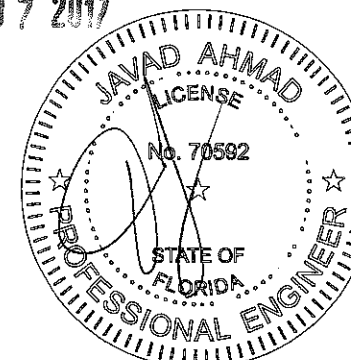
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



GLAZING DETAIL

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No 17-1219-21
Expiration Date 12/24/19
A. Ahmad
Senior Basic Product Control

DEC 07 2017



afc
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3638)
TEL. (305) 264-8100 FAX. (305) 262-6978
EGS\SMI\W04-80EGS

ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
3133 S.W. 25TH STREET
PEMBROKE PARK, FL 33009
TEL. (954) 964-1441 FAX. (954) 964-1533

revisions:	no	date	by	description
	E	11.14.11		NO CHANGE THIS SHEET
	F	05.14.12		REV. PER PERA COMMENTS
	G	07.15.14		UPDATED TO 2014 FBC
	H	12.02.14		REV. PER PER COMMENTS
	I	11.28.17		UPDATED TO 2017 FBC

date: 9-10-04
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:
drawing no.
W04-80
sheet 2 of 8

ANCHOR LOAD CAPACITY - PSF				
ANCHOR TYPES		'A'	'B' & 'C'	
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	84	160.0	160.0	160.0
30		160.0	160.0	160.0
36		160.0	160.0	160.0
39-1/4		160.0	160.0	160.0
42		149.5	149.5	149.5
48		130.0	130.0	130.0
50		130.0	130.0	130.0
54		130.0	130.0	130.0
56		125.4	125.4	125.4
60		117.0	117.0	117.0
24	90	160.0	160.0	160.0
30		160.0	160.0	160.0
36		160.0	160.0	160.0
39-1/4		157.2	157.2	160.0
42		149.5	149.5	149.5
48		130.0	130.0	130.0
50		130.0	130.0	130.0
54		127.7	127.7	130.0
56		125.1	125.1	125.4
60		117.0	117.0	117.0
24	96	160.0	160.0	160.0
30		160.0	160.0	160.0
36		154.7	154.7	160.0
39-1/4		144.9	144.9	160.0
42		130.0	130.0	130.0
48		125.7	125.7	130.0
50		122.3	122.3	130.0
54		116.6	116.6	130.0
56		114.1	114.1	125.4
60		109.7	109.7	117.0
24	102	130.0	130.0	130.0
30		130.0	130.0	130.0
36		130.0	130.0	130.0
39-1/4		130.0	130.0	130.0
42		127.7	127.7	130.0
48		116.0	116.0	130.0
50		112.8	112.8	130.0
54		107.2	107.2	130.0
56		104.8	104.8	125.4
60		100.5	100.5	117.0
24	108	130.0	130.0	130.0
30		130.0	130.0	130.0
36		130.0	130.0	130.0
39-1/4		125.2	125.2	130.0
42		118.9	118.9	130.0
48		107.7	107.7	130.0
50		104.7	104.7	130.0
54		99.3	99.3	130.0
56		96.9	96.9	125.4
60		92.8	92.8	117.0

ANCHOR TYPES A, B, C APPLICABLE AT HEAD
ANCHOR TYPE B APPLICABLE AT SILL

ANCHOR LOAD CAPACITY - PSF				
ANCHOR TYPES		'A'	'B' & 'C'	
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	6 ANCHORS AT MTG. STILE ENDS	4 ANCHORS AT MTG. STILE ENDS	6 ANCHORS AT MTG. STILE ENDS
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	114	130.0	130.0	130.0
30		130.0	130.0	130.0
36		125.7	125.7	130.0
39-1/4		117.2	117.2	130.0
42		111.2	111.2	130.0
48		100.5	100.5	130.0
50		97.6	97.6	130.0
54		92.4	92.4	130.0
56		90.2	90.2	127.9
60		86.2	86.2	122.7
24	120	130.0	130.0	130.0
30		130.0	130.0	130.0
36		118.3	118.3	130.0
39-1/4		110.2	110.2	130.0
42		104.5	104.5	130.0
48		94.3	94.3	130.0
50		91.4	91.4	130.0
54		86.5	86.5	121.3

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD

TYPE 'A' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE

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

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

AT SILL

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

AT JAMBS

TYPE 'A' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONC. OR BLOCKS

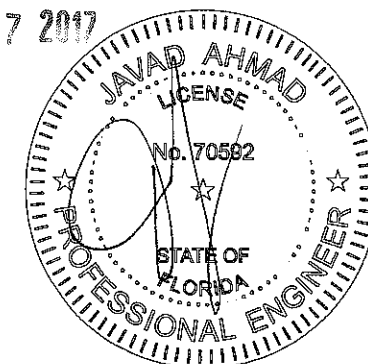
TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONC. OR FILLED BLOCKS
 1-3/4" MIN. EMBED INTO CONCRETE
 1-1/4" MIN. EMBED INTO BLOCKS

TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

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

DEC 07 2017



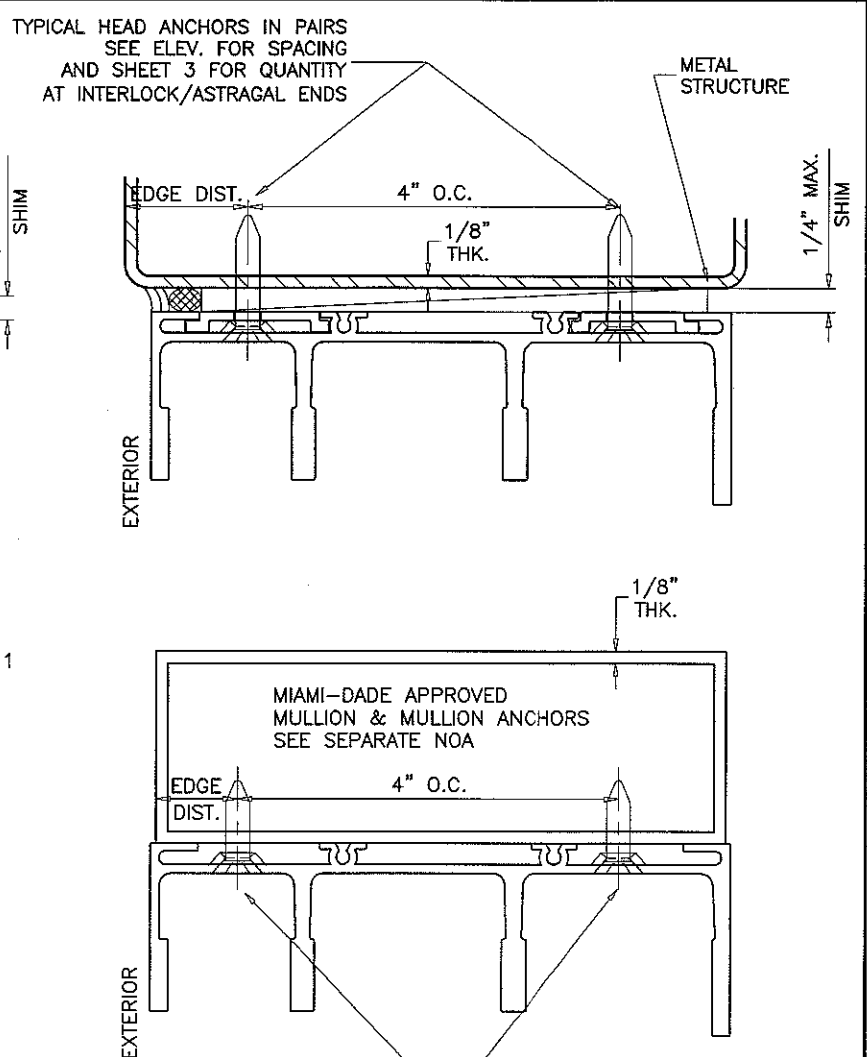
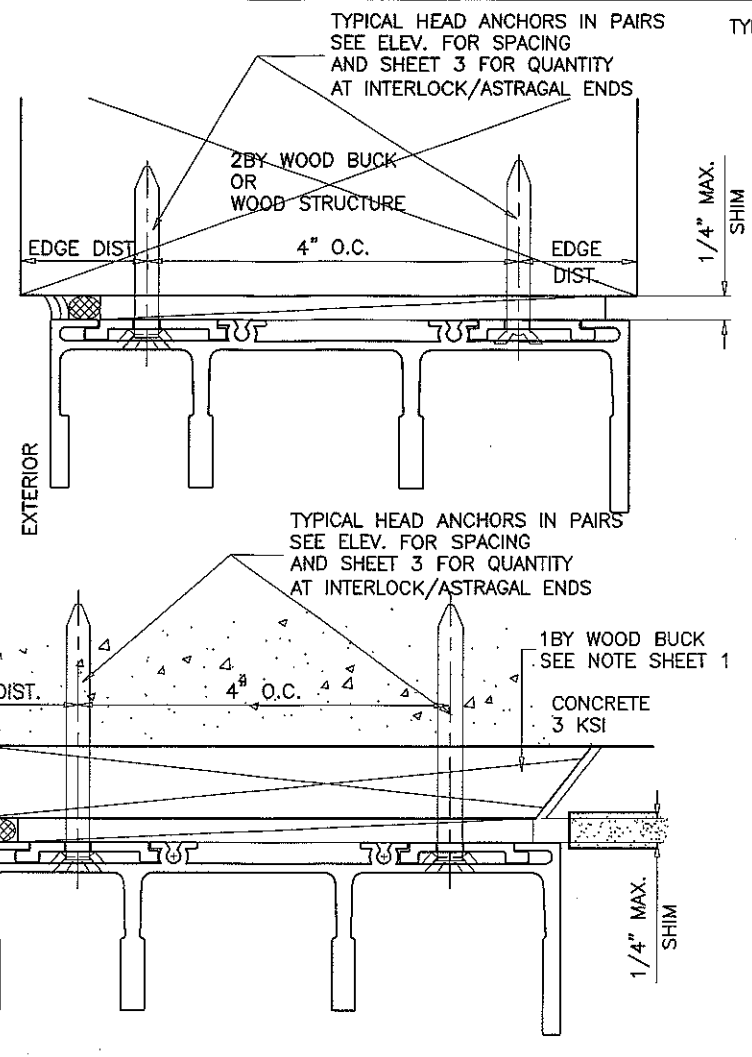
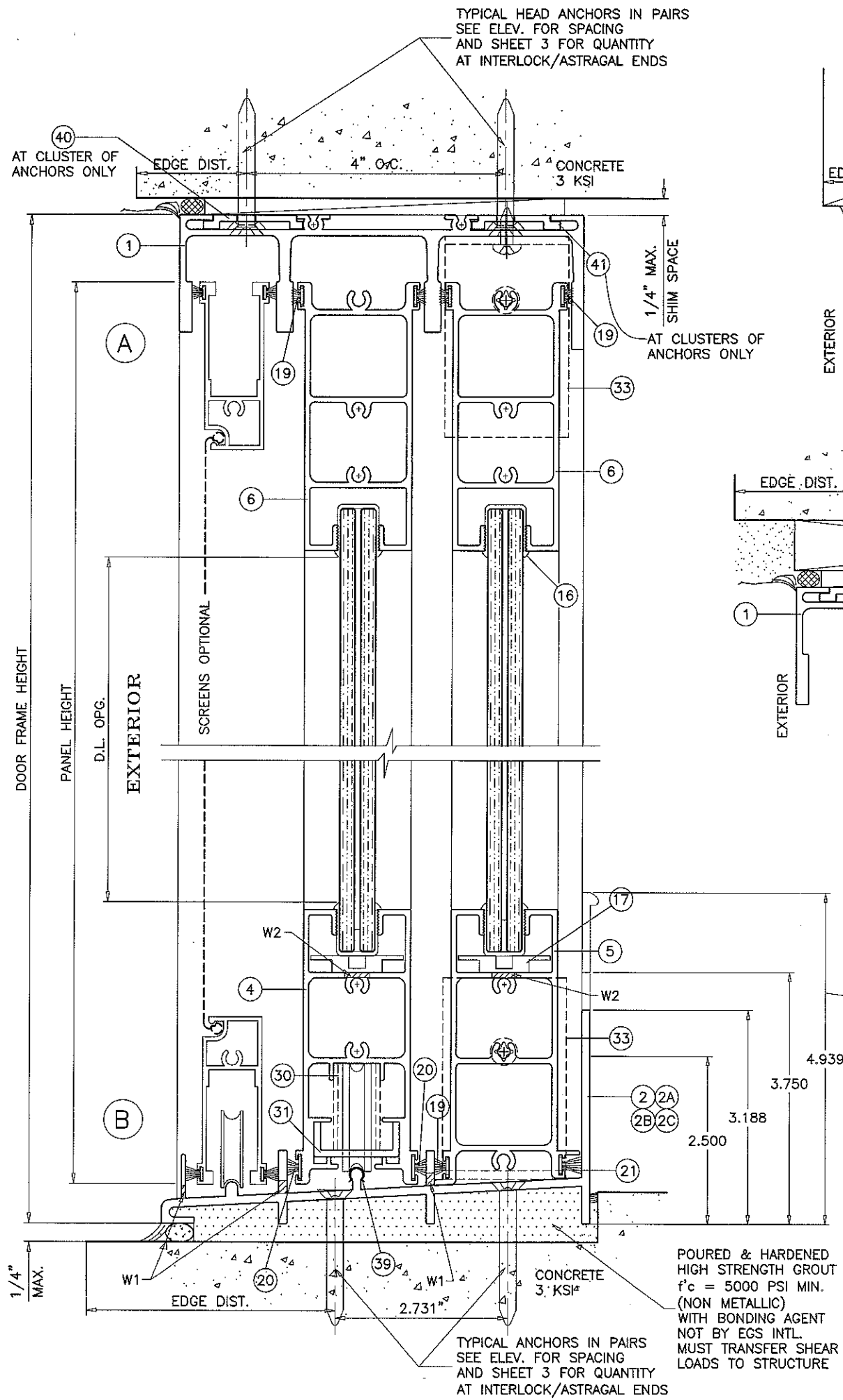
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-8978
 EGS\SMI\W04-80EGS

ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
 3133 S.W. 25TH STREET
 PEMBROKE PARK, FL. 33009
 TEL. (954) 964-1441 FAX. (954) 964-1533

no	date	by	description
E	11.14.11		UPDATED TO 2010 FBC
F	05.14.12		REV. PER PERA COMMENTS
G	07.15.14		UPDATED TO 2014 FBC
H	12.02.14		REV. PER PER COMMENTS
I	11.28.17		UPDATED TO 2017 FBC

date: 9-10-04
 scale: 1/2" = 1'-0"
 dr. by: TARIQ
 chk. by:
 drawing no.
W04-80
 sheet 3 of 8

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-21
 Expiration Date 12/24/19
J. Ishaq I. Chaudhry
 Mfg. or Prod. Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1218-21
Expiration Date 12/24/19
[Signature]
Miami Study Product Control

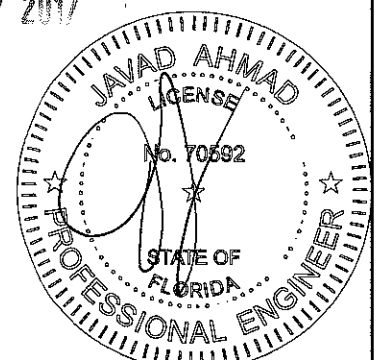
SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ALUMINUM COLORED SILICONE.
MAJOR INTERLOCK STILES TOP AND BOTTOM ENDS FILLED
WITH EXPANDING URETHANE FOAM.

ALL INSTALLATION ANCHOR HEADS TO BE SEALED
& EXPOSED ANCHORS TO BE CAPPED WITH ALUM.
BUTTON COVERS.

WEEPHOLES:
W1 = 3/16" H X 3/4" W WEEP SLOTS
AT QUARTER POINTS OF EACH PANEL
W2 = 3/8" WEEP HOLE AT 6" FROM ENDS
AND CENTER OF EACH RAIL

WOOD BUCKS NOT BY EGS INTL., MUST SUSTAIN
LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER
THEM TO THE BUILDING STRUCTURE.

DEC 07 2017



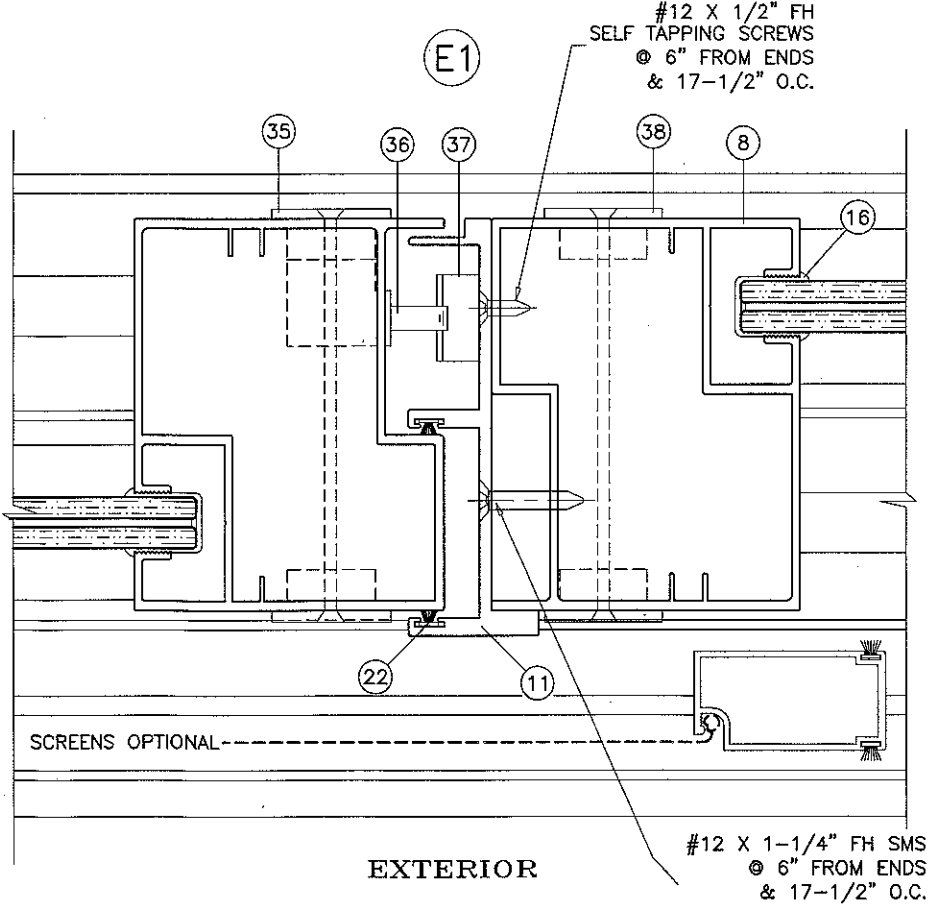
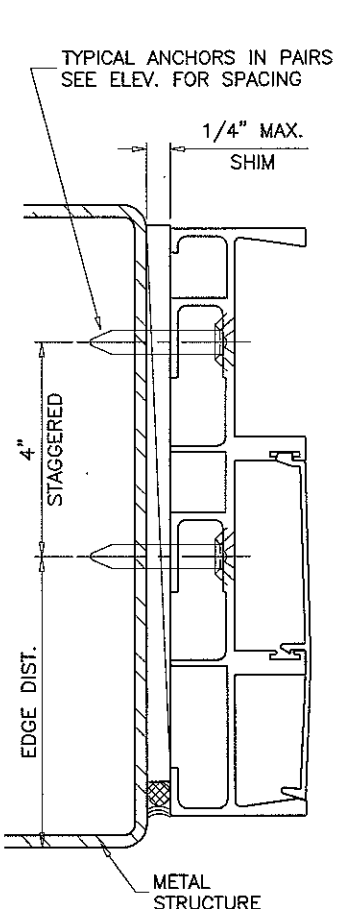
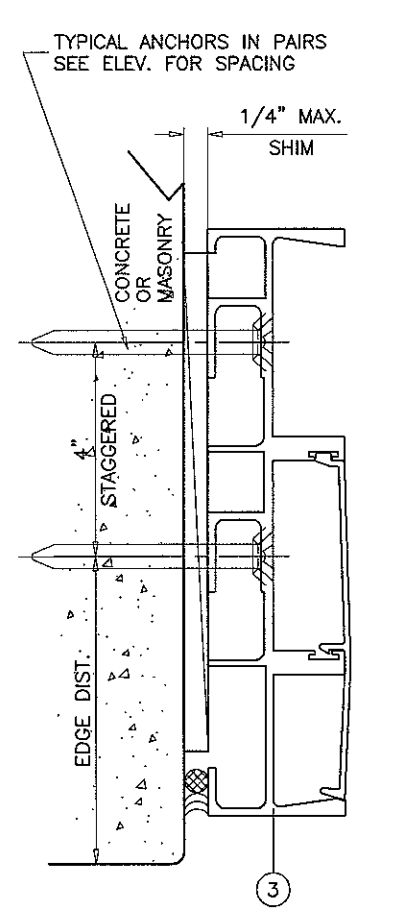
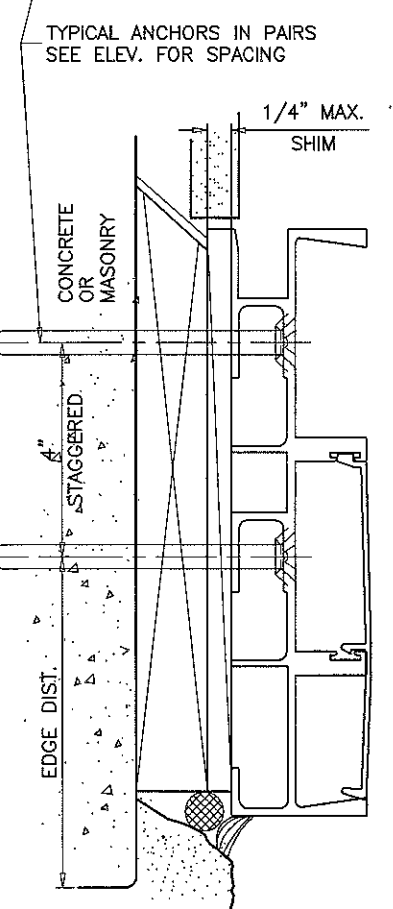
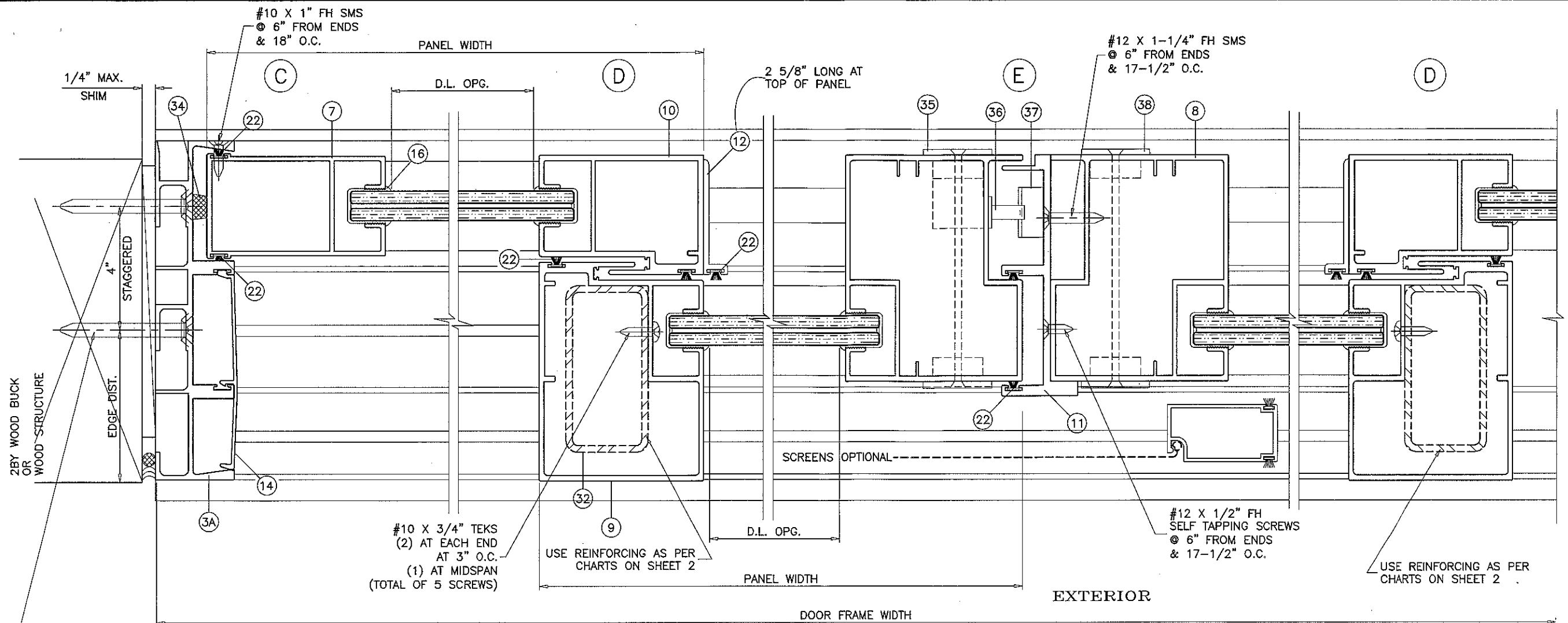
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
EGS\SMI\W04-80EGS

ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
3133 S.W. 25TH STREET
PEMBROKE PARK, FL. 33009
TEL. (954) 964-1441 FAX. (954) 964-1533

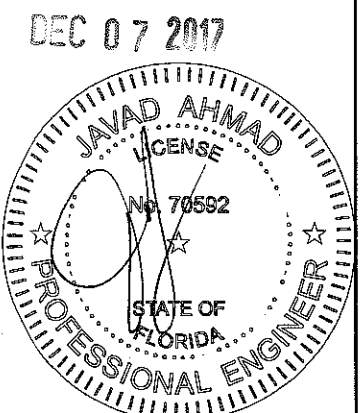
revisions:	no	date	by	description
	E	11.14.11		NO CHANGE THIS SHEET
	F	05.14.12		REV. PER PERA COMMENTS
	G	07.15.14		UPDATED TO 2014 FBC
	H	12.02.14		REV. PER PER COMMENTS
	I	11.28.17		UPDATED TO 2017 FBC

date: 9-10-04
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W04-80
sheet 4 of 8



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 17-1218-21
 Expiration Date 12/24/19
Javad Ahmad
 Major Trade Product Control

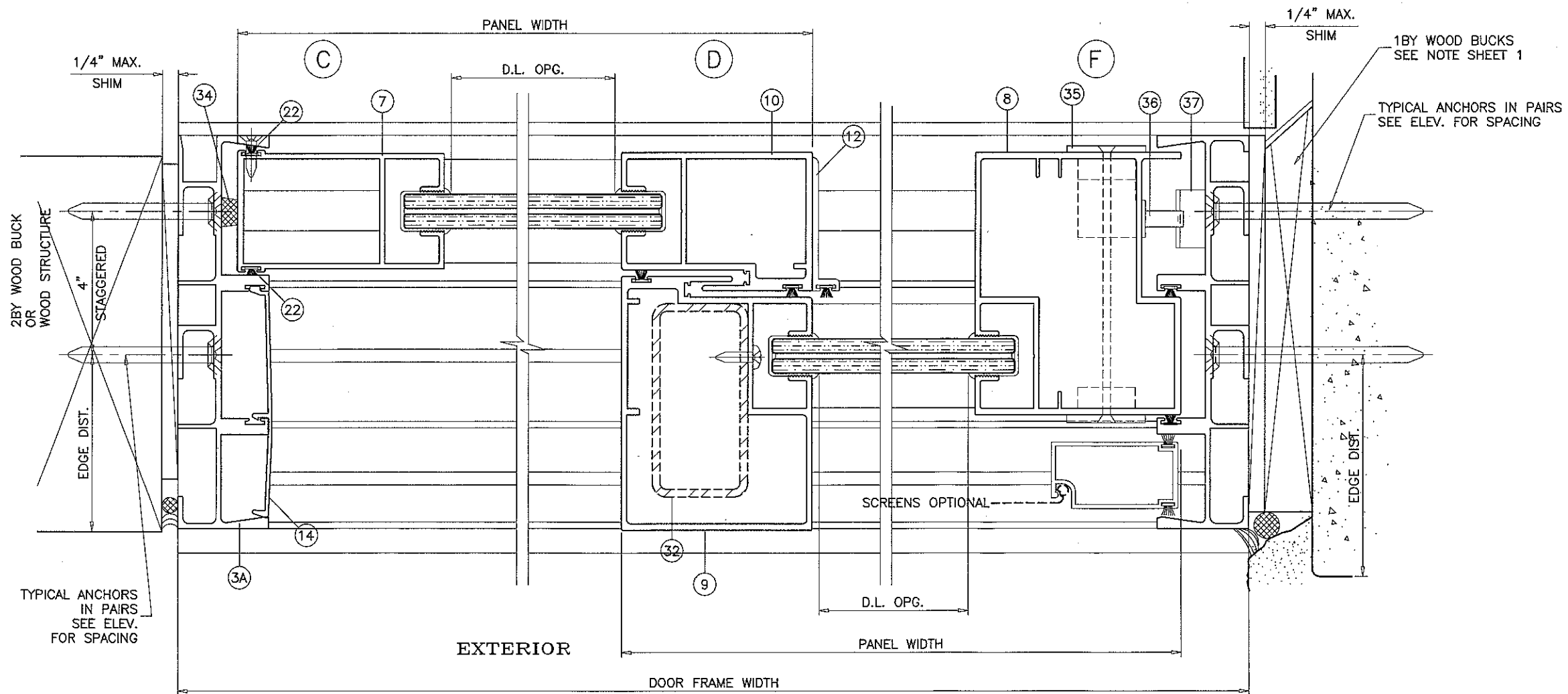


af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 EGS\SMI\W04-80EGS

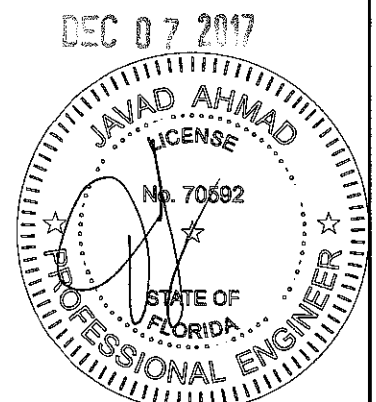
ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
 3133 S.W. 25TH STREET
 PEMBROKE PARK, FL. 33009
 TEL. (954) 964-1441 FAX. (954) 964-1533

no	date	description
E	11.14.11	UPDATED TO 2010 FBC
F	05.14.12	REV. PER PERA COMMENTS
G	07.15.14	UPDATED TO 2014 FBC
H	12.02.14	REV. PER PER COMMENTS
I	11.28.17	UPDATED TO 2017 FBC

date: 9-10-04
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
W04-80
 sheet 5 of 8



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 17-1218-21
 Expiration Date 12/24/19
Javad Ahmad
 Product Control



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 EGS\SMI\W04-80EGS

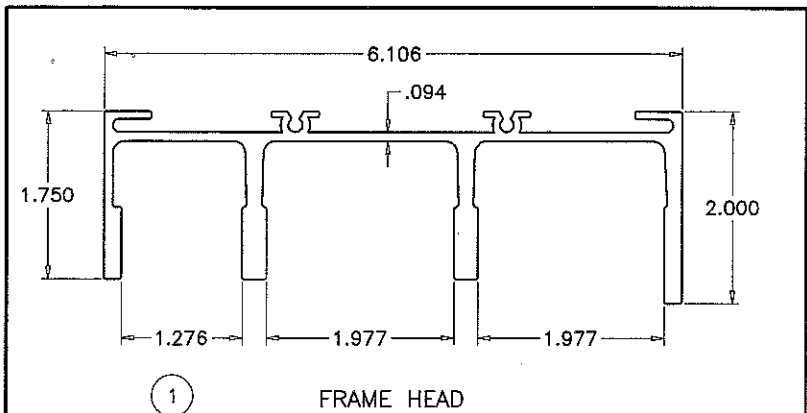
ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
 3133 S.W. 25TH STREET
 PEMBROKE PARK, FL. 33009
 TEL. (954) 964-1441 FAX. (954) 964-1533

revisions:

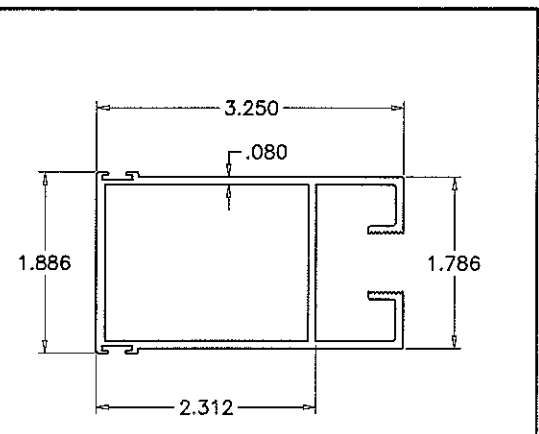
no	date	by	description
E	11.14.11		UPDATED TO 2010 FBC
F	05.14.12		REV. PER PERA COMMENTS
G	07.15.14		UPDATED TO 2014 FBC
H	12.02.14		REV. PER PER COMMENTS
I	11.28.17		UPDATED TO 2017 FBC

date: 9-10-04
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:

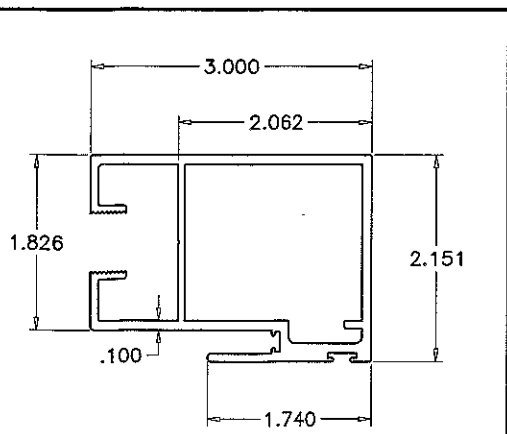
drawing no.
W04-80
 sheet 6 of 8



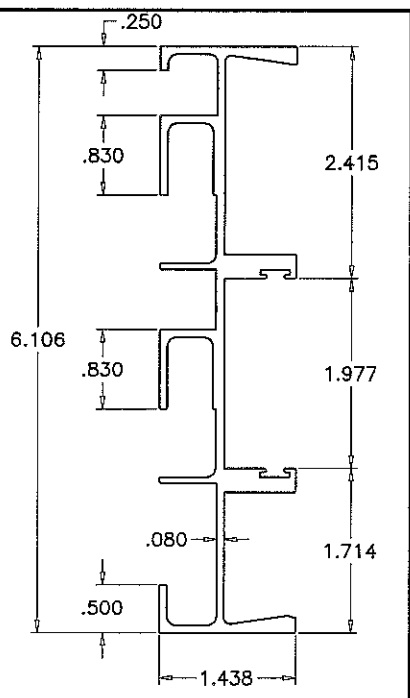
1 FRAME HEAD



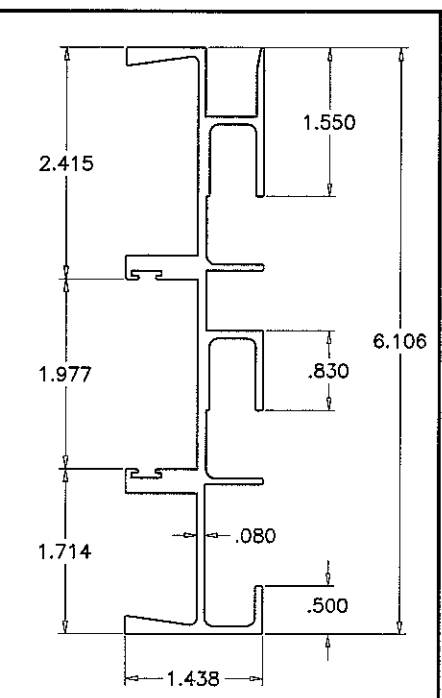
7 FIXED STILE



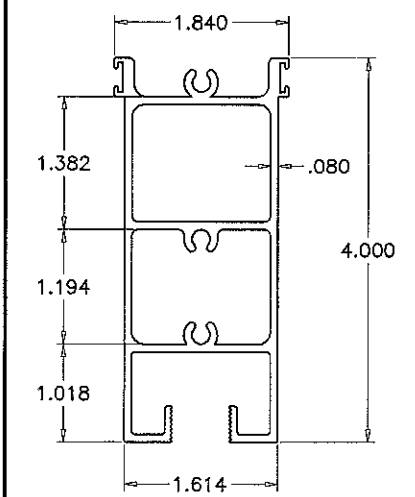
10 MINOR INTERLOCK



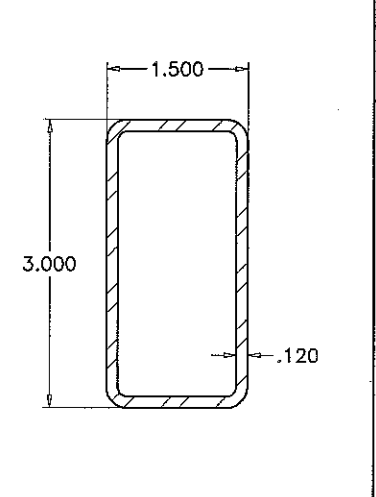
3 FRAME JAMB W/O POCKET



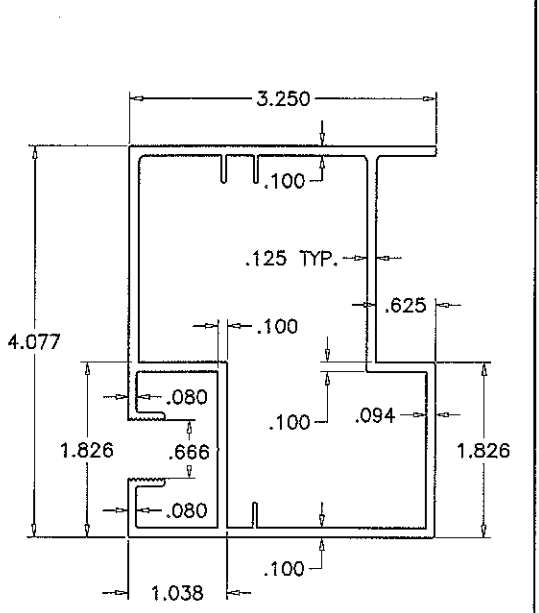
3A FRAME JAMB WITH POCKET



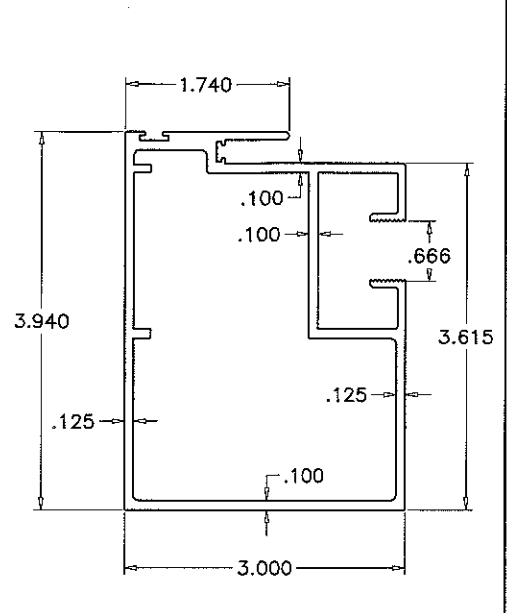
6 TOP RAIL



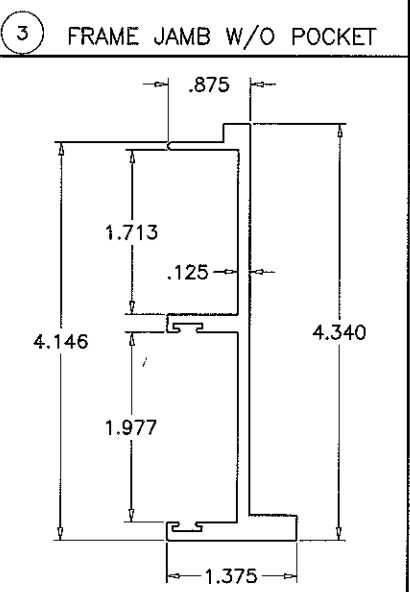
32 REINFORCING TUBE



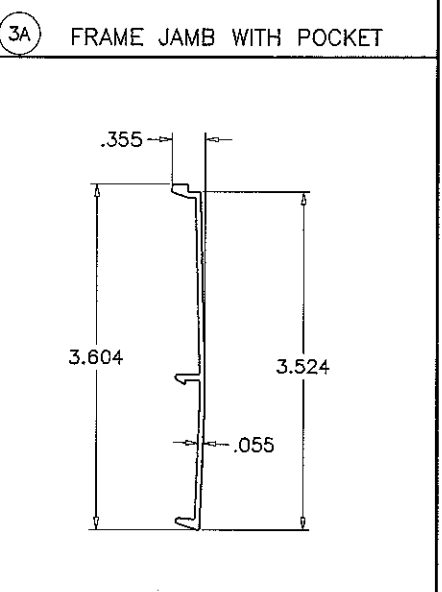
8 LOCKING STILE



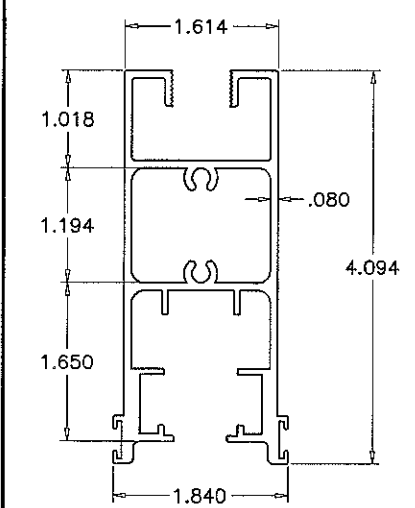
9 MAJOR INTERLOCK



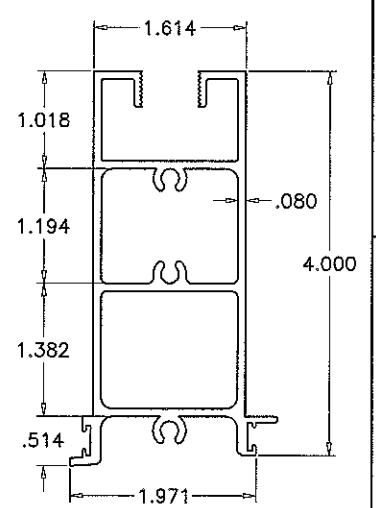
11 STILE ADAPTER



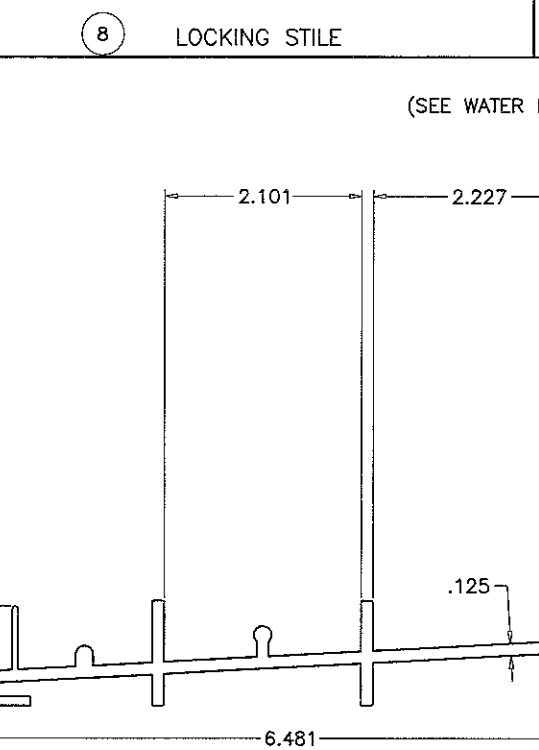
14 JAMB COVER



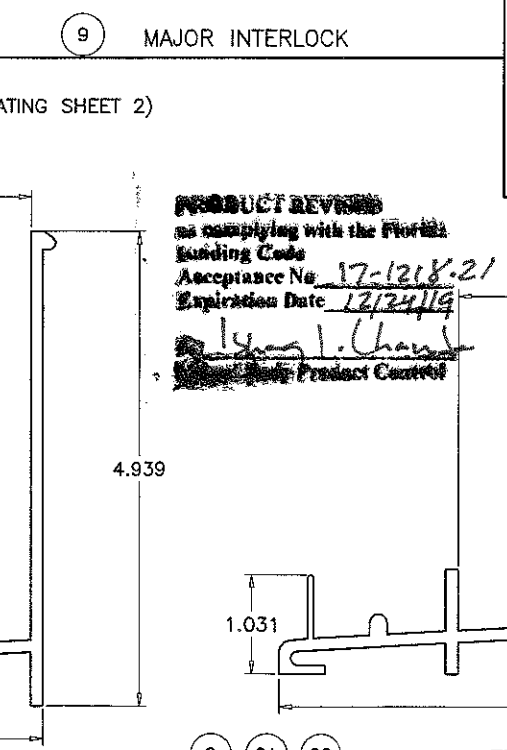
4 MOVING BOTTOM RAIL



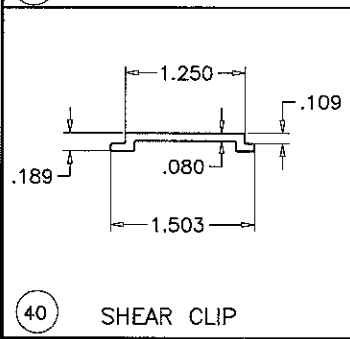
5 FIXED BOTTOM RAIL



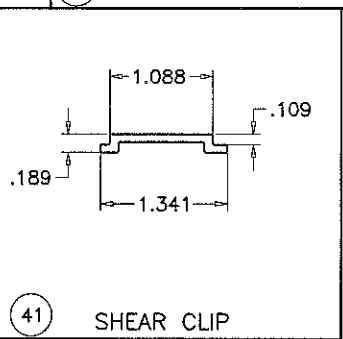
2B FRAME SILL



2 2A 2C FRAME SILL



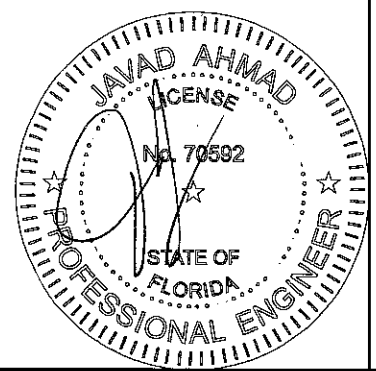
40 SHEAR CLIP



41 SHEAR CLIP

(SEE WATER RATING SHEET 2)

PRODUCT REVIEW
 in compliance with the Florida
 Building Code
 Acceptance No. 17-1218-21
 Expiration Date 12/24/19
 Javad Ahmad
 Statewide Product Control



S.M.I. = SMALL MISSILE IMPACT GLASS SHAPES

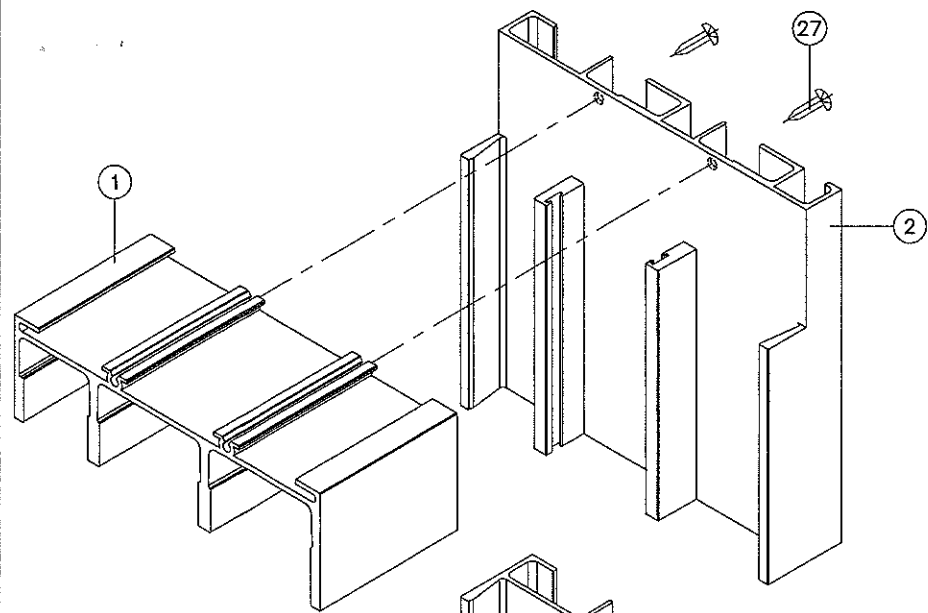
DEC 07 2017

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 EGS\SMI\W04-80EGS

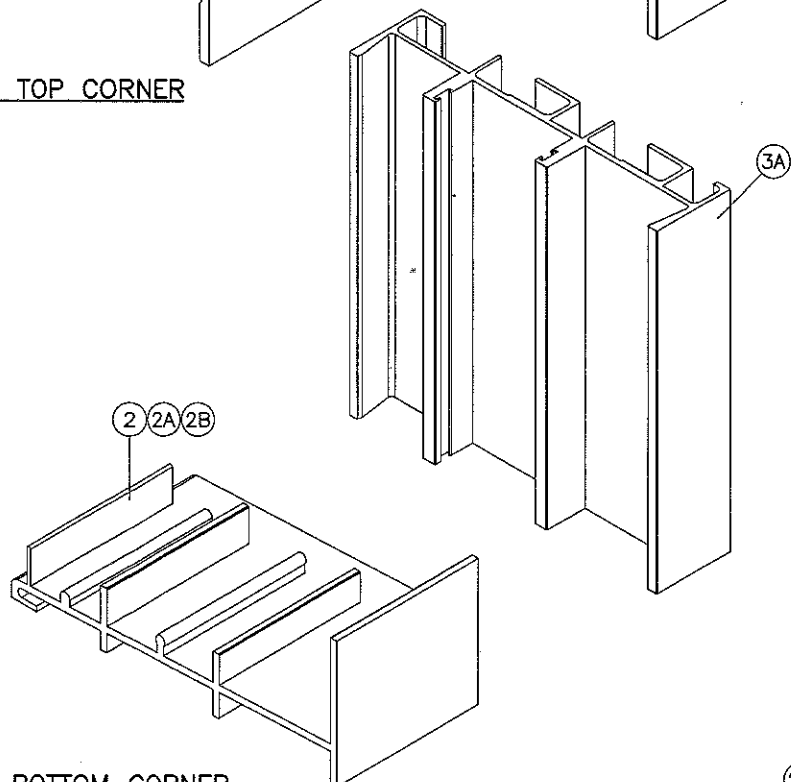
ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR
EGS INTERNATIONAL, LLC
 3133 S.W. 25TH STREET
 PEMBROKE PARK, FL. 33009
 TEL. (954) 964-1441 FAX. (954) 964-1533

no	date	by	description
E	11.14.11		NO CHANGE THIS SHEET
F	05.14.12		REV. PER PERA COMMENTS
G	07.15.14		NO CHANGE THIS SHEET
H	12.02.14		NO CHANGE THIS SHEET
I	11.28.17		UPDATED TO 2017 FBC

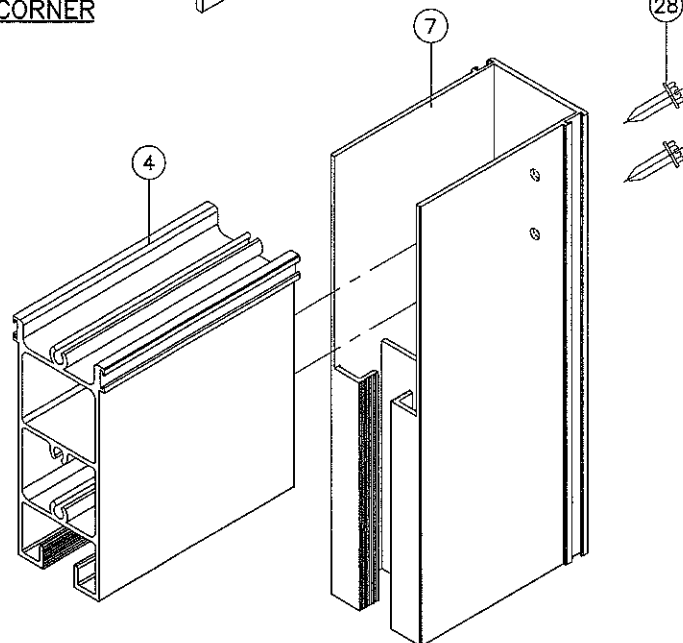
date: 9-10-04
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
W04-80
 sheet 7 of 8



FRAME TOP CORNER

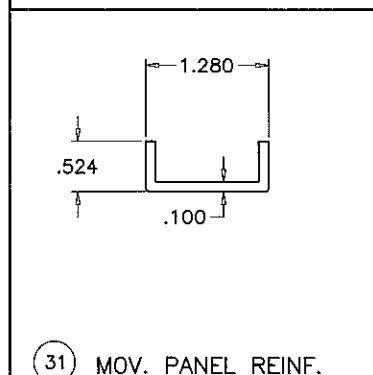
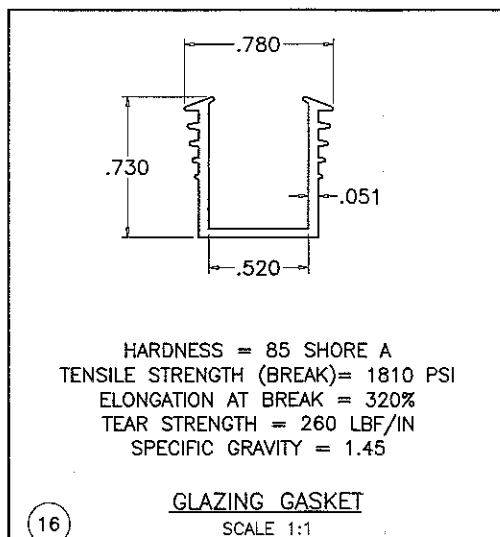


FRAME BOTTOM CORNER



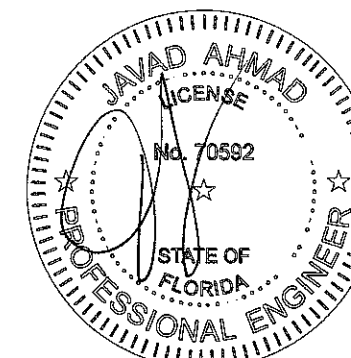
PANEL CORNER

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	EGS-551	1	FRAME HEAD	6005-T5/6105-T5	-
2	EGS-580	1	FRAME SILL (3-3/16" HIGH)	6005-T5/6105-T5	-
2A	EGS-581	1	FRAME SILL (3-3/4" HIGH)	6005-T5/6105-T5	-
2B	EGS-552	1	FRAME SILL (4-15/16" HIGH)	6005-T5/6105-T5	-
2C	EGS-580	1	FRAME SILL (2-1/2" HIGH)	6005-T5/6105-T5	-
3	EGS-567	2	FRAME JAMB W/O POCKET	6005-T5/6105-T5	-
3A	EGS-553	2	ALT. FRAME JAMB W/ POCKET	6005-T5/6105-T5	-
4	EGS-573	1/MOV. PANEL	MOVING BOT. RAIL (S.M.I.)	6005-T5/6105-T5	-
5	EGS-572	1/FIX. PANEL	FIXED BOT. RAIL (S.M.I.)	6005-T5/6105-T5	-
6	EGS-571	1/PANEL	TOP RAIL (S.M.I.)	6005-T5/6105-T5	-
7	EGS-574	AS REQD.	FIXED STILE (S.M.I.)	6005-T5/6105-T5	-
8	EGS-575	AS REQD.	LOCKING STILE (S.M.I.)	6005-T5/6105-T5	-
9	EGS-576	AS REQD.	MAJOR INTERLOCK (S.M.I.)	6005-T5/6105-T5	-
10	EGS-577	AS REQD.	MINOR INTERLOCK (S.M.I.)	6005-T5/6105-T5	-
11	EGS-561	AS REQD.	STILE ADAPTER	6005-T5/6105-T5	-
12	EGS-566	AS REQD.	DOOR SWEEP	6063-T5/6105-T5	AT TOP OF FIXED PANEL
14	EGS-570	AS REQD.	JAMB COVER	6063-T5/6105-T5	OPTIONAL
16	EGS-72	AS REQD.	9/16" GLAZING GASKET	SOFT PVC	TEAMPLASTICS (BVC INC.)
17	TX11429E	2/ LITE	SETTING BLOCKS, 4" LONG, @ 10" FROM EACH END	EPDM	TREMCO
19	28027045/7527-6011-4	AS REQD.	FINSEAL WOOLPILE AT HORIZ. RAILS	-	AMESBURY
20	T-2836G	AS REQD.	POLYBOND FINSEAL AT MOV. BOTTOM RAIL	-	ULTRAFAB (.280H X .360 BASE)
21	38027045/7537-6011-6	AS REQD.	FINSEAL WOOLPILE AT FIX. BOTTOM RAIL	-	AMESBURY
22	21027045/7420-6011-2	AS REQD.	FINSEAL WOOLPILE AT VERT. STILES & SWEEP	-	AMESBURY
27	#8 X 3/4"	2/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
28	#12 X 1"	2/ CORNER	PANEL ASSEMBLY SCREWS	ST. STEEL	TH SMS
30	-	2/ PANEL	PANEL ROLLER ASSEMBLY	ST. STEEL	1-11/16" O.D. WHEELS
31	-	1/ MOV. PANEL	ALUM CHANNEL, FULL WIDTH OF PANEL (BOTH OPTIONS)	6063-T5	-
32	-	AS REQD.	INTERLOCK REINFORCEMENT	STEEL	1 1/2" X 3" X 11 G.A.
33	-	AS REQD.	FIX. PANEL CLIP (AT FRAME HEAD/SILL)	ALUMINUM	2 X 3 X 1/8" X 1-7/8" LONG
34	-	AS REQD.	RUBBER BUMPER	-	1/2" X 1/2" SQ. X 3/16" HIGH
35	4430-00-08 OR W5208-NPV30	1	TRIMSET PULL	ABS RESIN OR BRASS (PVD)	ADAMS-RITE OR ASHLAND
36	MS1847-09	1	DEAD LOCK, MOUNTED W/ (2) #6 X 1/4" FH SCREWS	ST. STEEL	ADAMS-RITE
37	4801-05	1	STRIKE, MOUNTED W/ (2) #8 X 1" PH SCREWS & PLASTIC SHIM	ST. STEEL	ADAMS-RITE
38	4432 OR W5208-PP30	1	DUMMY TRIMSET PULL	ABS RESIN OR BRASS (PVD)	ADAMS-RITE OR ASHLAND
39	TC2	1	TRACK COVER	ST/ST	HYGRADE
40	EGS-584	AS REQD.	SHEAR CLIP AT CLUSTERS ONLY	6005-T5/6105-T5	-
41	EGS-584	AS REQD.	SHEAR CLIP AT CLUSTERS ONLY	6005-T5/6105-T5	-



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 17-1218-21
Expiration Date 12/24/19
A. Ishaq, L.L. Chandra
Mixer/Back Product Control

DEC 07 2017



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
EGS\SMI\W04-80EGS

af c

ATLANTIC SERIES SMI 130 ALUM. SLIDING GLASS DOOR

EGS INTERNATIONAL, LLC
3133 S.W. 25TH STREET
PEMBROKE PARK, FL. 33009
TEL. (954) 964-1441 FAX. (954) 964-1533

no	date	by	description
E	11.14.11		UPDATED TO 2010 FBC
F	05.14.12		REV. PER PERA COMMENTS
G	07.15.14		NO CHANGE THIS SHEET
H	12.02.14		REV. PER RER COMMENTS
I	11.28.17		UPDATED TO 2017 FBC

date: 9-10-04
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no. **W04-80**
sheet 8 of 8