



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

## NOTICE OF ACCEPTANCE (NOA)

**International Impact Building Products, LLC**  
**5900 Australian Avenue, Suite #300**  
**West Palm Beach, FL 33407**

### 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 "Titan 90" Aluminum Sliding Glass Door w/ reinforcements-Impact

**APPROVAL DOCUMENT:** Drawing No. **W11-47 Rev E**, titled "Series Titan 90 Alum Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/22/11 and last revised on 12/01/20, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

#### Limitations:

1. The frame area of alternate size unit shall not exceed the frame area of the tested approved unit per FBC 2411.3.2.4 (i) (1). The panel height also must not exceed.

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

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

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

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

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

This NOA **revises NOA # 18-0412.01** and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under previous approvals**

**A. DRAWINGS (submitted under files #11-0923.01/# 09-0127.14)**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W11-47 Rev C**, titled "Series Titan 90 Alum Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/22/11 and last revised on AUG 12, 2014, signed and sealed by Javad Ahmad, P.E.

**B. TESTS (submitted under files #11-0923.01/# 09-0127.14)**

1. Test reports on 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94  
3) Water Resistance Test, per TAS 202-94.  
4) Forced Entry Test per FBC 2411.3.2.1 and TAS202-94.  
5) Large Missile Impact Test, per TAS 201-94  
6) Cyclic Wind Pressure Loading, per TAS 203-94

Along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Testing Laboratories, Test Report No. **HTL-0171-0713.07**, dated 08-01-2008, signed and sealed by Vinu Abraham, P.E.

2. Additional OXO sliding Glass Door test report No. HTL-0171-106-07, dated 03-16-07 per TAS 201, 202 and 203-94, signed and sealed by Vinu Abraham, P.E., issued to Plaza Door Co (Now known as International Impact Products, LLC).

**C. CALCULATIONS (submitted under files #11-0923.01)**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al Farooq Corporation, dated 09/20/11 and last revised on OCT25, 2011, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for the "DuPont Sentry Glass interlayer®", expiring on 01/14/17.

**F. STATEMENTS**

1. Statement letter dated 06/24/14, compliance to FBC2014 (**5<sup>th</sup> edition**) and No financial interest, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Statement letter dated 11/16/11 compliance to FBC2010, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (submitted under files #11-0923.01)
3. Statement letter dated 04/09/09, issued by Plaza Doors of all assets sold to Impact Building Products, signed by Roy Elwell, president Plaza Door (original in file # **09-0127.14**)
4. Statement letter dated 04/09/09, issued by Impact Building Products of all assets purchased from Plaza Doors, signed by Michael Fry, Managing Partner, International Impact Building Products (original in file #**09-0127.14**)
5. Laboratory compliance, as a part of above test reports. *Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1202.12**  
**Expiration Date: July 01, 2024**  
**Approval Date: January 28, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**G. OTHER**

1. This NOA **revises & renews NOA # 11-0923.01**, expiring 07/01/18.
2. Bill of Sales Assignment and Loan Purchase agreement between National City Bank and International Impact Building Products.

**2. Evidence submitted under previous NOA(s).**

**A. DRAWINGS**

1. Drawing No. **W11-47 Rev D**, titled “Series Titan 90 Alum Sliding Glass Door (L.M.I.)”, sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/22/11 and last revised on MAR 27, 2018, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2017 (**6<sup>th</sup> Edition**), prepared by Al Farooq Corporation, dated MAR 27, 2018, signed and sealed by Javad Ahmad, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont de Nemours & Co., Inc.) for “Kuraray **Sentry Glass interlayer®**”, expiring on 07/04/23.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 6<sup>th</sup> Edition (2017)** and of no financial interest, prepared by Al Farooq Corporation, dated 01/26/18, signed and sealed by Javad Ahmad, P.E.
2. Statement of lab compliance, as part of test report.

**G. OTHER**

1. This NOA **revises & renews NOA # 14-0624.22**, expiring 07/01/24.

**3. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **W11-47 Rev E**, titled “Series Titan 90 Alum Sliding Glass Door (L.M.I.)”, sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 08/22/11 and last revised on 12/01/20, signed and sealed by Jalal Farooq, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2020 (**7<sup>th</sup> Edition**), prepared by Al Farooq Corporation, dated 11/25/20, signed and sealed by Javad Ahmad, P.E.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1202.12**  
**Expiration Date: July 01, 2024**  
**Approval Date: January 28, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

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

**DI. MATERIAL CERTIFICATIONS**

2. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont de Nemours & Co., Inc.) for “Kuraray **Sentry Glass interlayer®**”, expiring on 07/04/23.

**DII. STATEMENTS**

1. Statement letter of conformance to **FBC 7<sup>th</sup> Edition (2020)** and of no financial interest, prepared by Al Farooq Corporation, dated 11/25/20, signed and sealed by Jalal Farooq, P.E.
2. Statement of lab compliance, as part of test report.

**DIII. OTHER**

1. This NOA revises NOA # **18-0412.01**, expiring 07/01/24.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 20-1202.12**  
**Expiration Date: July 01, 2024**  
**Approval Date: January 28, 2021**

DESIGN LOAD CAPACITY - PSF			
AVG. PANEL WIDTH INCHES	PANEL HEIGHT INCHES	EXT.(+)	INT.(-)
36	96	90.0	90.0
42		90.0	90.0
48		90.0	90.0
52		90.0	90.0
54		86.7	86.7
60		78.0	78.0
36	102	90.0	90.0
42		90.0	90.0
48		90.0	90.0
52		90.0	90.0
54		86.7	86.7
60		78.0	78.0
36	108	90.0	90.0
42		90.0	90.0
48		90.0	90.0
52		90.0	90.0
54		86.7	86.7
60		78.0	78.0
36	114	90.0	90.0
42		90.0	90.0
48		90.0	90.0
52		90.0	90.0
54		86.7	86.7
60		78.0	78.0
36	120	90.0	90.0
42		90.0	90.0
48		90.0	90.0
52		90.0	90.0

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

### SERIES 'TITAN 90' ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH 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.

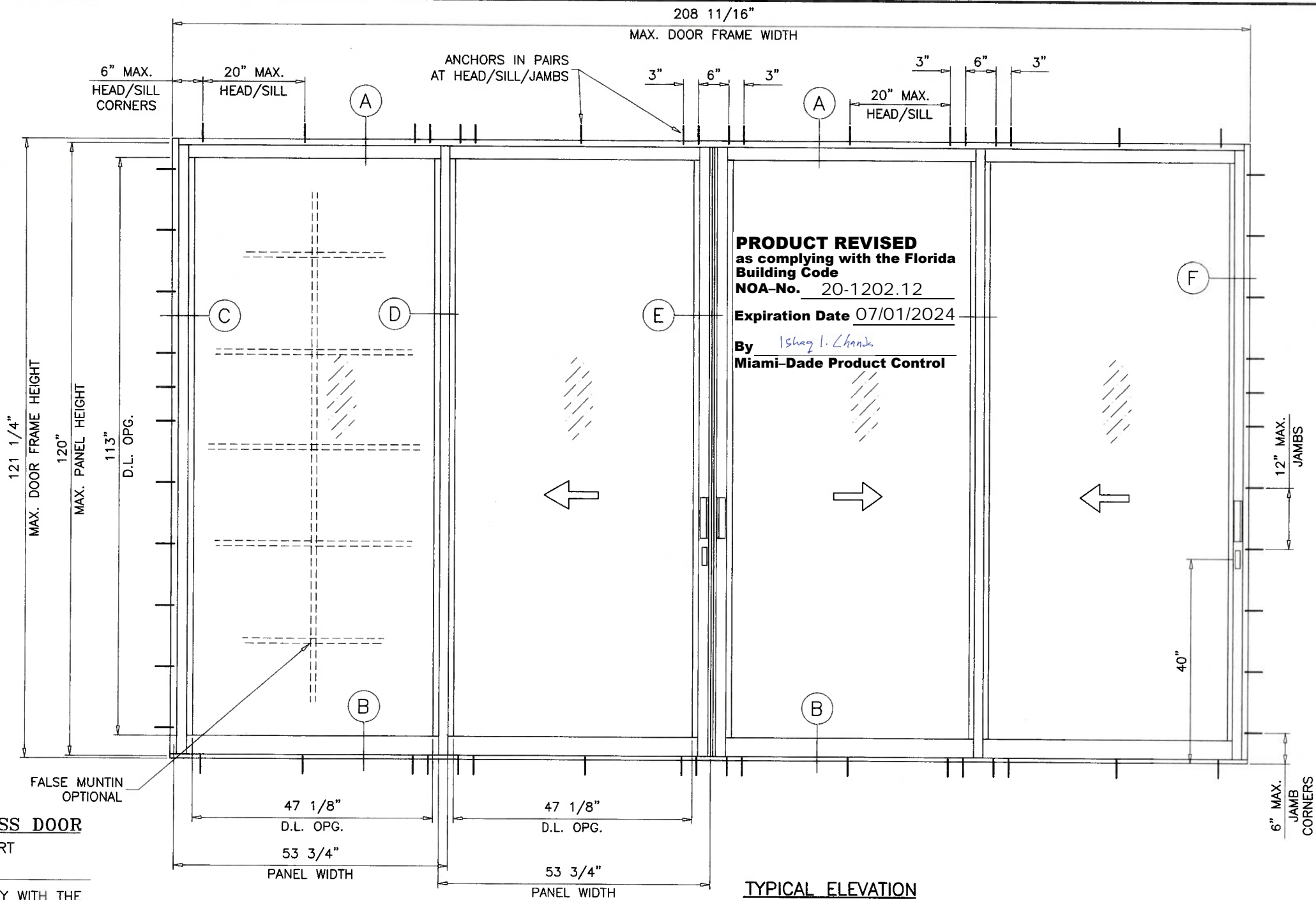
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 2017/2020 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)'.

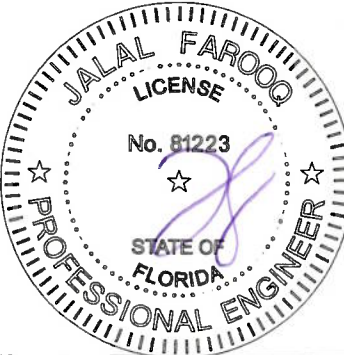


DAYLITE OPENINGS:  
D.L.O. HEIGHT = PANEL HEIGHT - 7.000"  
D.L.O. WIDTH = PANEL WIDTH - 6.625"  
DOOR FRAME HEIGHT = PANEL HEIGHT + 1.250"

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

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

LAMINATED GLASS  
LARGE MISSILE IMPACT



Sealed: 12/1/20

afC

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W11-47PD

SERIES 'TITAN 90' ALUM SLIDING GLASS DOOR (L.M.I.)

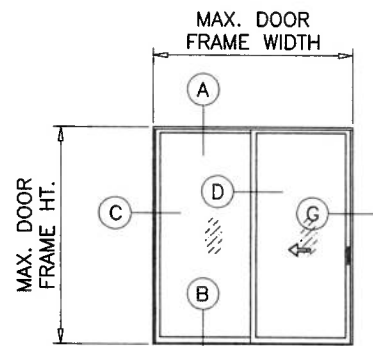
**INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC**  
d/b/a PLAZA DOOR  
5900 AUSTRALIAN AVE. SUITE #3  
WEST PALM BEACH, FL 33407  
TEL. (561) 578-5450 FAX. (561) 578-5460

no	date	by	description
A	10.24.11	REV. PER BNC COMMENTS	
B	06.23.14	UPDATED TO 2014 FBC	
C	08.12.14	REV. PER PER COMMENTS	
D	01.31.18	UPDATED TO 2017 FBC	
E	11.05.20	UPDATED TO 2020 FBC	

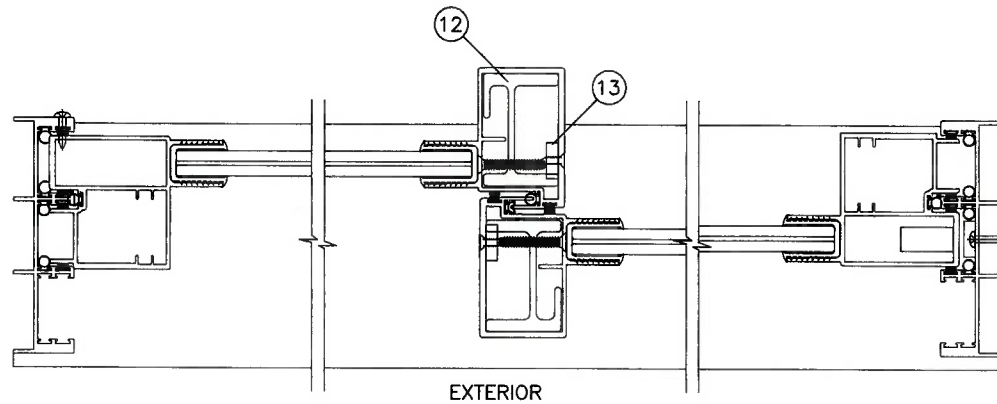
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dr. by:	TARIQ
chk. by:	

drawing no.	W11-47
sheet	1 of 7

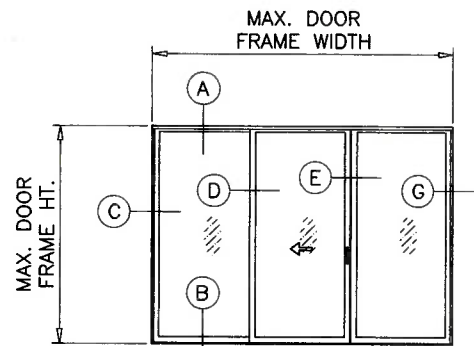




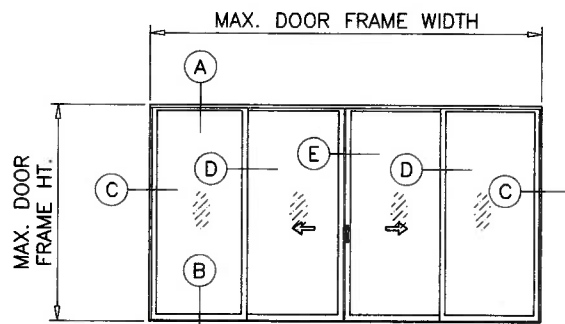
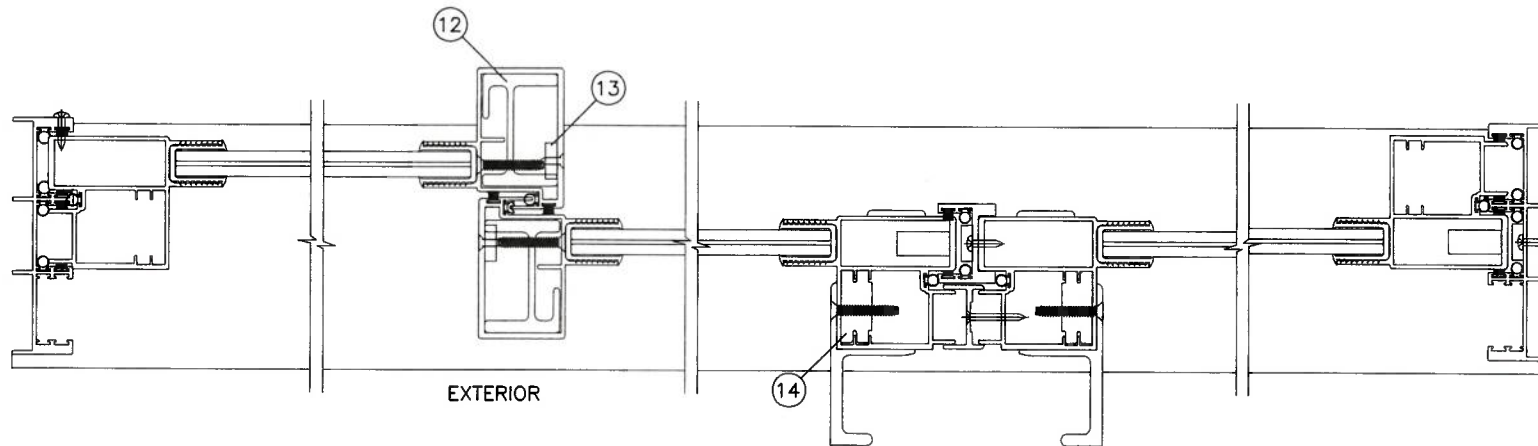
OX (SHOWN)  
XO (REVERSE)  
XX



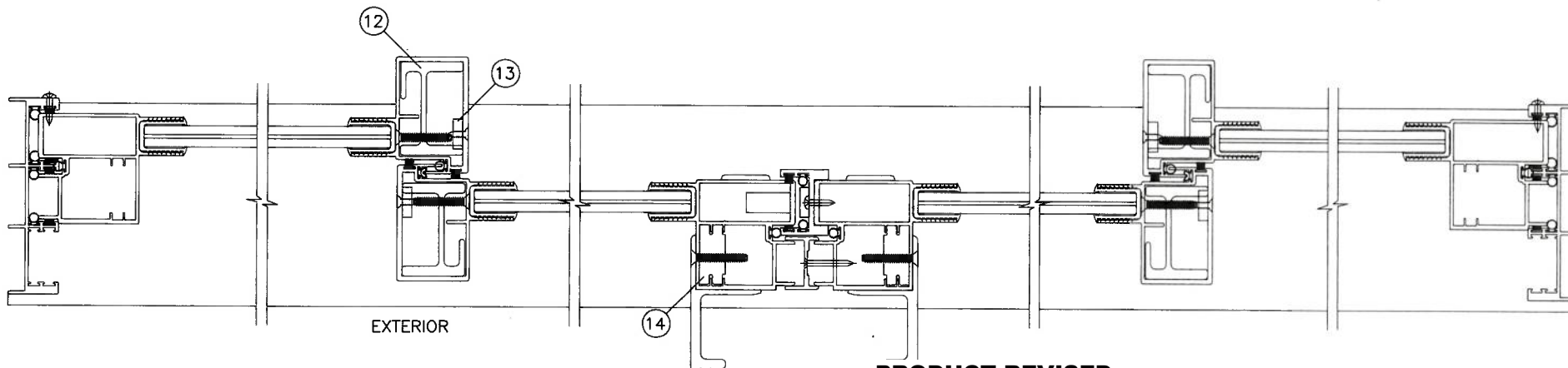
NOTE:  
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY  
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 4 & 5)



OXX (SHOWN)  
OXO  
XXO



OXXO (SHOWN)  
OXXX  
XXXX

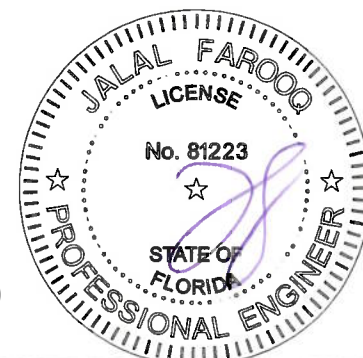


**APPROVED CONFIGURATIONS**

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.12

Expiration Date 07/01/2024

By Isahag I. Chande  
Miami-Dade Product Control



Sealed: 12/1/20

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W11-47PD

SERIES 'TITAN 90' ALUM SLIDING GLASS DOOR (L.M.I.)  
**INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC**  
d/b/a PLAZA DOOR  
5900 AUSTRALIAN AVE. SUITE #3  
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TEL. (561) 578-5450 FAX. (561) 578-5460

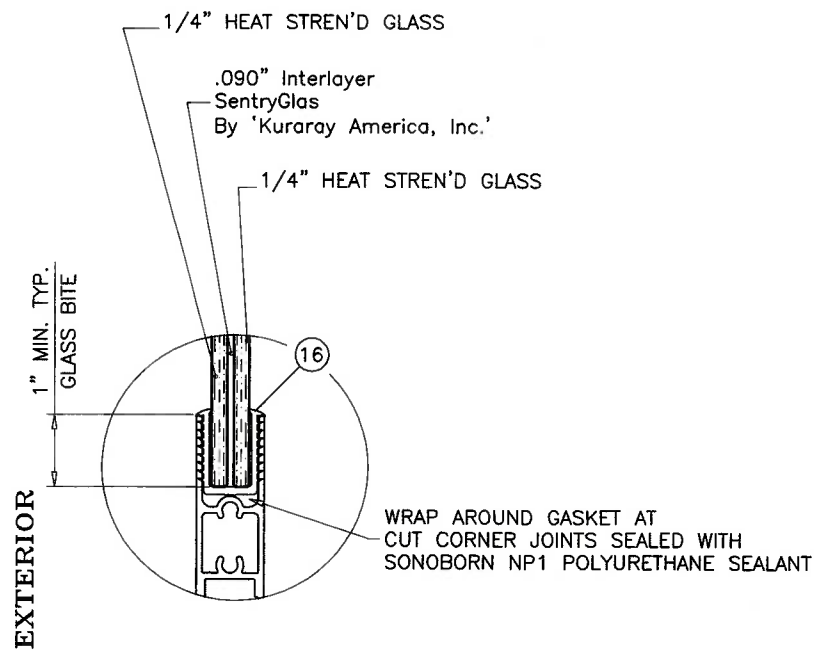
revisions:		no	date	by	description
A	10.24.11	REV. PER BNC COMMENTS			
B	06.23.14	NO CHANGE THIS SHEET			
C	08.12.14	REV. PER PER COMMENTS			
D	01.31.18	UPDATED TO 2017 FBC			
E	11.05.20	UPDATED TO 2020 FBC			

date: 08-22-11	scale: -	dr. by: TARIQ	chk. by:
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drawing no.	W11-47
sheet	2 of 7



**GLAZING DETAIL**

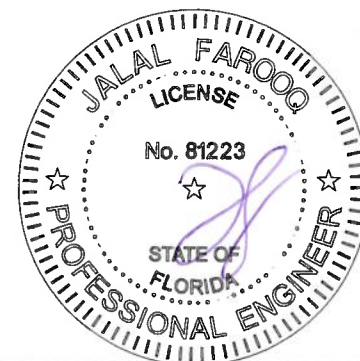
9/16" OVERALL LAMINATED GLASS

BILL OF MATERIALS (B.O.M.)					
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	PDC-009	1	FRAME HEAD	6063-T6	-
2	PDC-012	1	FRAME SILL	6063-T6	-
3	PDC-010	2	FRAME JAMB	6063-T6	-
4	PDC-058	1/ PANEL	PANEL TOP RAIL	6063-T6	-
5	PDC-059	1/ PANEL	PANEL BOTTOM RAIL	6063-T6	-
6	PDC-060	1/ PANEL	JAMB/LOCK STILE	6063-T6	-
7	PDC-061	1/ PANEL	INTERLOCK STILE	6063-T6	-
8	PDC-002	AS REQD.	ASTRAGAL STILE	6063-T6	-
10	PDC-022	AS REQD.	SCREEN ASTRAGAL	6063-T6	-
11	PDC-041	AS REQD.	HAND RAIL	6063-T6	-
12	PDC-062	1/ PANEL	INTERLOCK STILE REINFORCEMENT, LENGTH = PANEL HT. - 18"	6063-T6	-
13	PDC-092	2/ PANEL	INTERLOCK REINFORCEMENT, 12" LONG	6063-T6	-
14	PDC-093	1/ PANEL	STILE REINFORCEMENT, LENGTH = PANEL HT. - 18"	6063-T6	-
15	PDC-085	1	HI-RISE ADAPTER	6063-T6	-
16	2-270-0	AS REQD.	GLAZING GASKET (X-1842)	FLEXIBLE PVC	CENTRAL PLASTICS
17	3-310-0	2/ MOV. PANEL	ADJUSTABLE ROLLER ASSEMBLY ALUMINUM HOUSING, DELRIN TIRE, ST. STEEL BEARING	-	IIBP
18	2-322-0	-	DEADLOCK #1847-02 SS	-	ADAMS RITE
19	2-351-0	-	LOCK ESCUTCHEON #4430	-	ADAMS RITE
20	3-001-0	-	LOCK KEEPER	-	IIBP
21	3-008-0	-	TRACK RAIN PAN	-	IIBP
22	3-009-0	-	H.P. WEATHER TAB	-	IIBP
23	2-400-0	AS REQD.	.270 WIDE POLY-BOND FINSEAL #PB-8425-2211-0	-	SCHLEGAL
24	2-402-0	AS REQD.	.270 WIDE POLY-BOND WOOLPILE #PB-7525-6011-6	-	SCHLEGEL
25	2-407-0	AS REQD.	.270 WIDE POLY-BOND FINSEAL #PB-7531-6011-2	-	SCHLEGAL
26	2-222-0	AS REQD.	BULB W'STRIPPING (EV-277)	-	CENTRAL PLASTICS
27	2-025-0	-	#10-24 X 1/4" PFH UC SMS	-	AT 2" FROM ENDS & 14" O.C.
30	2-010-0	-	#12 X 1-1/4" PPH SS SMS	-	1 PER DOOR ROLLER
31	2-040-0	-	#8 X 1" FH SMS	-	2 PER 12" REINF. BAR
32	2-007-0	-	#14 X 1-1/4" PH SMS	-	2 PER DOOR PANEL CORNERS
33	2-019-0	-	#8 X 1/2" PH SMS	-	AT 3" FROM ENDS & 18" O.C.
34	2-069-0	-	#8 X 1-1/4" SMS	-	AT 3" FROM ENDS & 18" O.C.
35	2-027-0	-	#10 X 1-1/4" MS TYPE F FH	-	AT 6" FROM ENDS & 12" O.C.
36	2-042-0	-	#8 X 3/4" PH SMS	-	AT 6" FROM ENDS & 18" O.C.
39	2-027-0	1	#10 X 1-1/4" MS TYPE F FH	-	(1) AT 9" FROM BOTTOM

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.12

Expiration Date 07/01/2024

By Ishag I. Chahla  
Miami-Dade Product Control



Sealed: 12/1/20

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

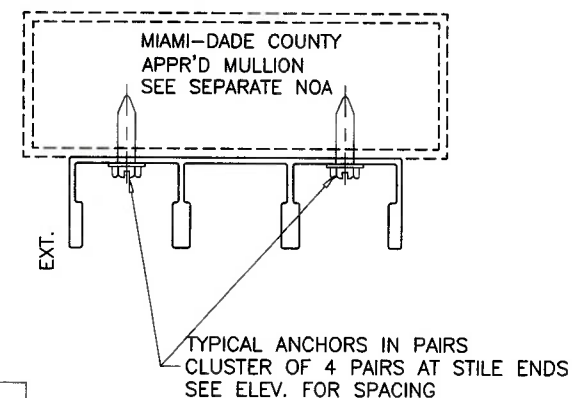
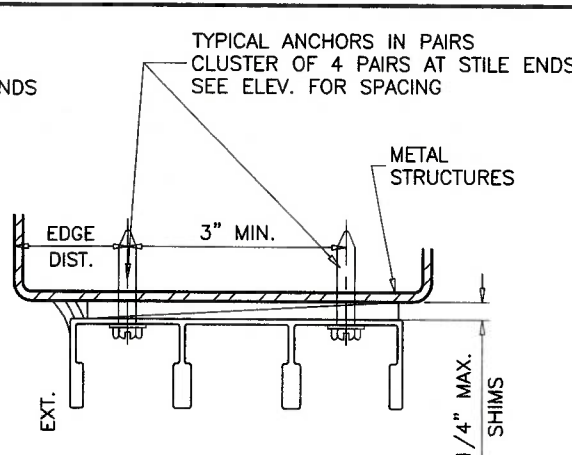
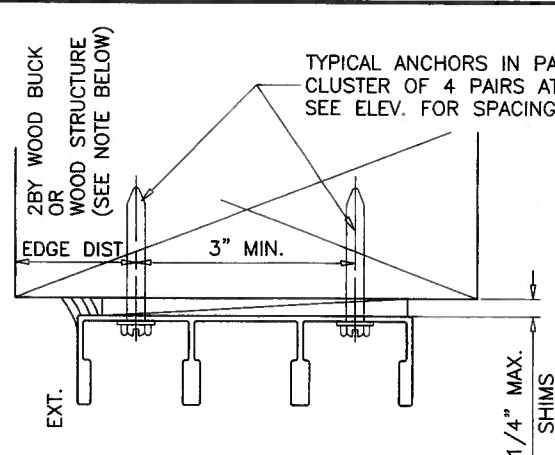
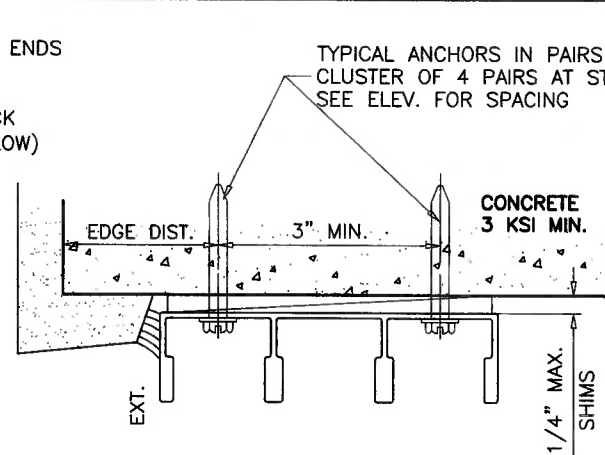
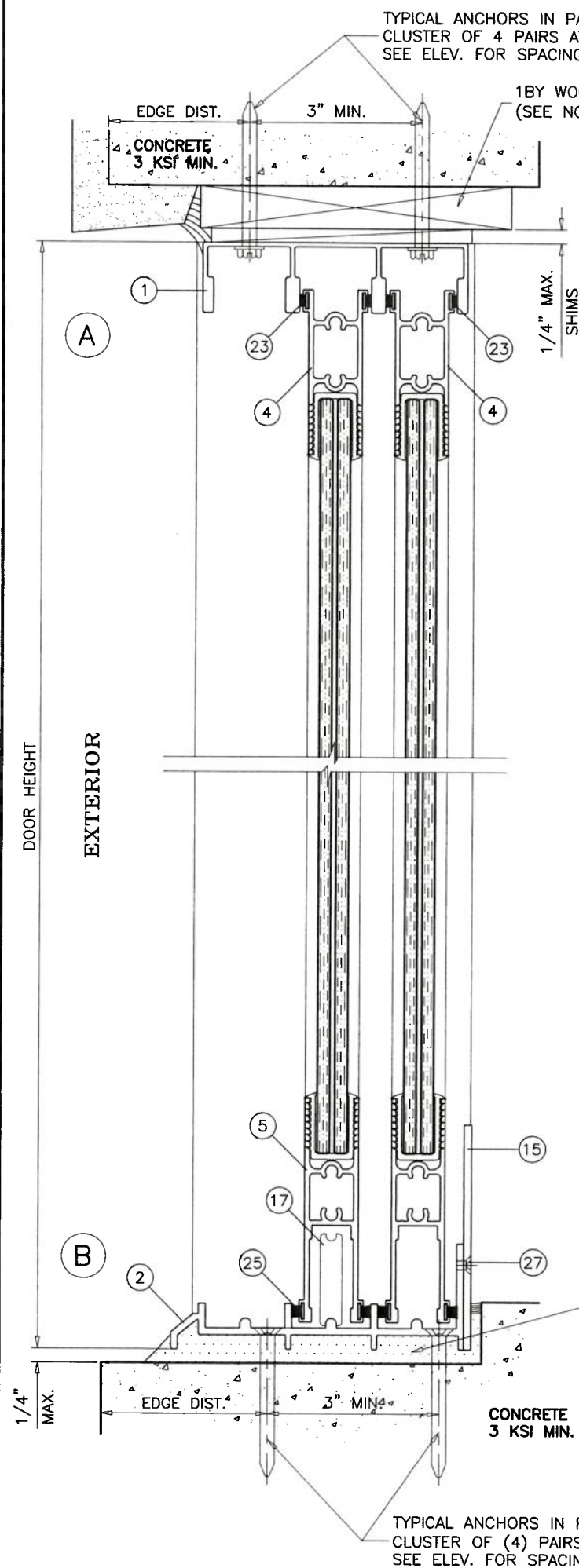
**AL-FAROOQ CORPORATION**  
SERIES 'TITAN 90' ALUM SLIDING GLASS DOOR (L.M.I.)  
INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC  
d/b/a PLAZA DOOR  
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WEST PALM BEACH, FL 33407  
TEL. (561) 578-5450 FAX. (561) 578-5460

no	date	by	description
A	10.24.11	REV. PER BNC COMMENTS	
B	06.23.14	NO CHANGE THIS SHEET	
C	08.12.14	REV. PER PER COMMENTS	
D	01.31.18	UPDATED TO 2017 FBC	
E	11.05.20	UPDATED TO 2020 FBC	

date: 08-22-11	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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drawing no.	W11-47
sheet	3 of 7





**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.12  
Expiration Date 07/01/2024  
By Ishag L. Chande  
Miami-Dade Product Control

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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON+ BY 'DEWALT'** ( $F_u=164$  KSI,  $F_y=148$  KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS  
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)  
1-1/2" MIN. EMBED INTO GROUT FILLED-BLOCKS (JAMBS)

DIRECTLY INTO CONC. OR BLOCKS  
1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL)  
2" MIN. EMBED INTO CONC. OR FILLED-BLOCKS (JAMBS)

**1/4" DIA. TEKS OR SELF DRILLING SCREWS** (GRADE 5 CRS)

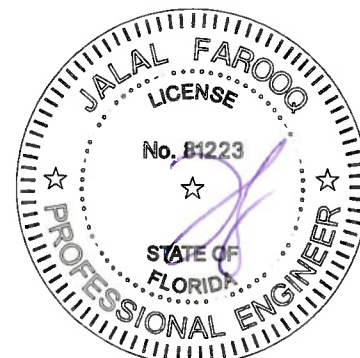
INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
OR  
INTO METAL STRUCTURES (HEAD/JAMBS)  
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
STEEL: 1/8" THK. MIN. ( $F_y = 36$  KSI MIN.)  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

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

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

Sealed: 12/1/20



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

SERIES 'TITAN 90' ALUM SLIDING GLASS DOOR (L.M.I.)  
**INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC**  
d/b/a PLAZA DOOR  
5900 AUSTRALIAN AVE. SUITE #3  
WEST PALM BEACH, FL 33407  
TEL. (561) 578-5450 FAX. (561) 578-5460

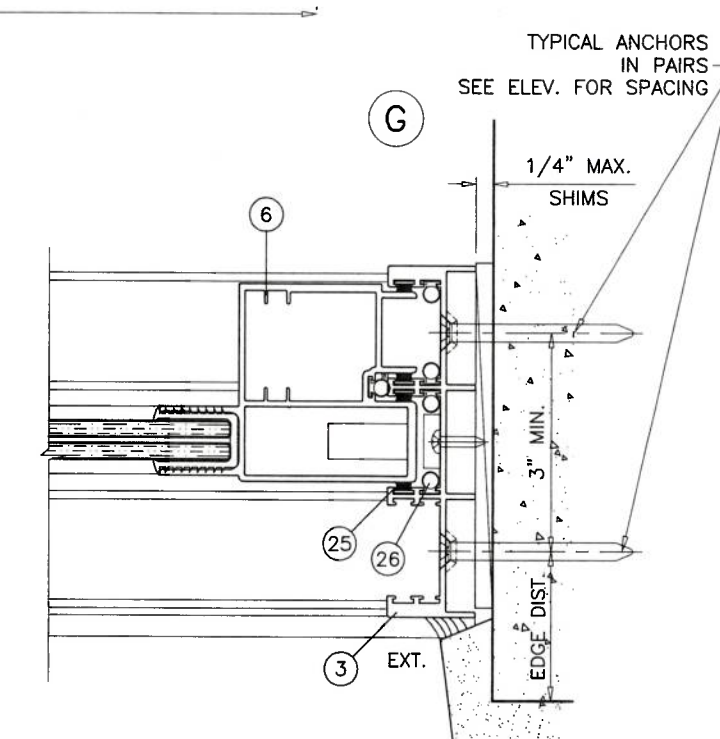
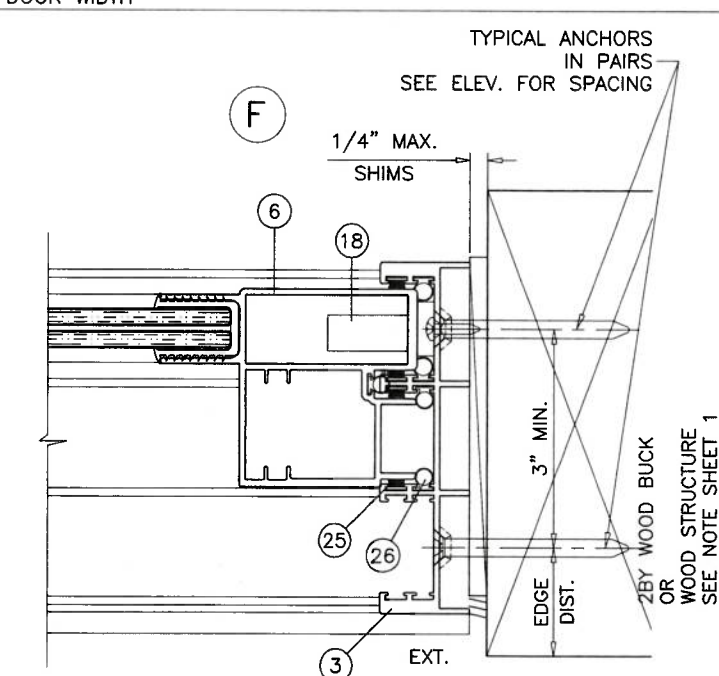
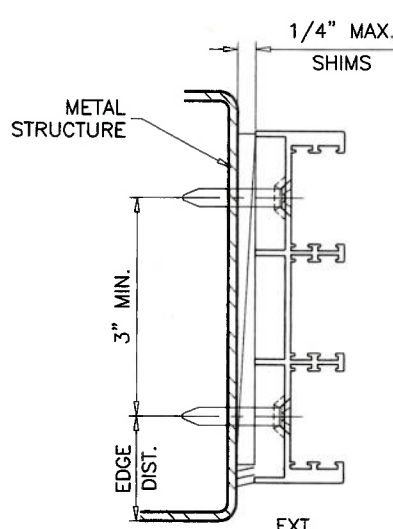
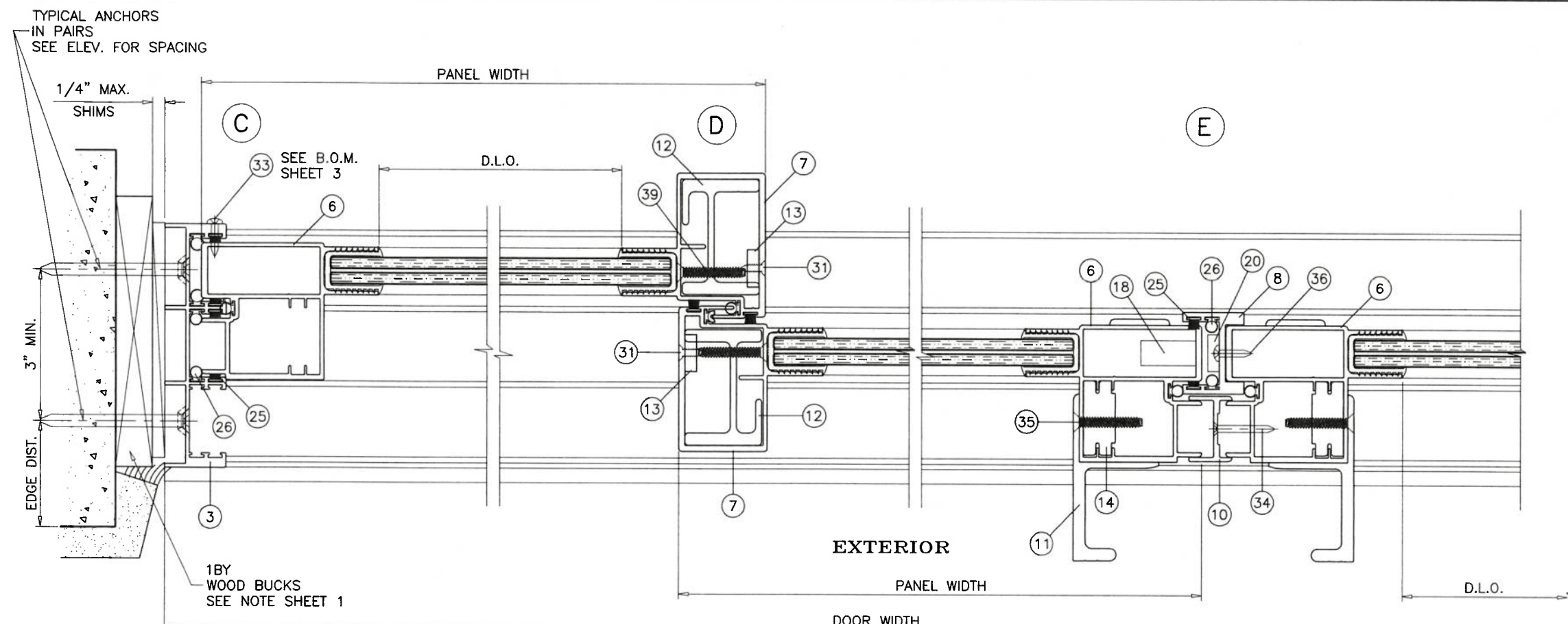
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B	06.23.14		UPDATED TO 2014 FBC
C	08.12.14		NO CHANGE THIS SHEET
D	01.31.18		UPDATED TO 2017 FBC
E	11.05.20		UPDATED TO 2020 FBC

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

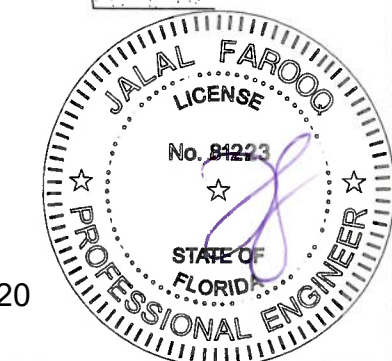
drawing no.  
**W11-47**  
sheet 4 of 7

COMP-ANL\W11-47PD





**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 20-1202.12  
 Expiration Date 07/01/2024  
 By *Ishag I. Chande*  
 Miami-Dade Product Control



Sealed: 12/1/20

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 COMP-ANL W11-47PD

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date: 08-22-11

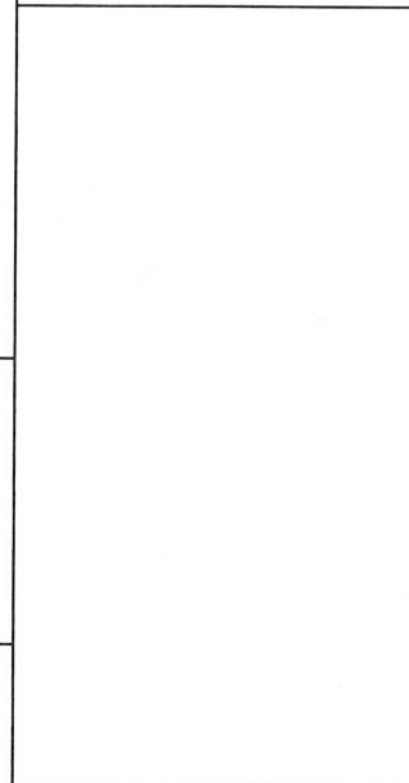
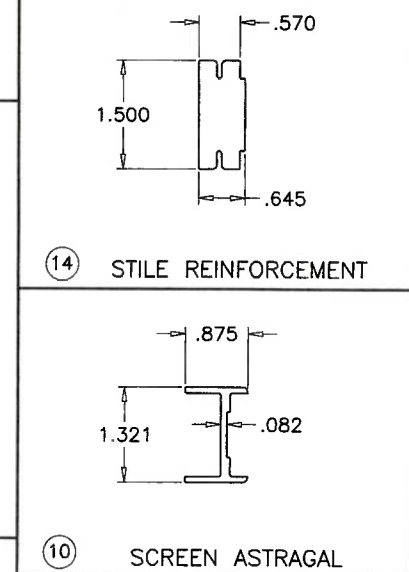
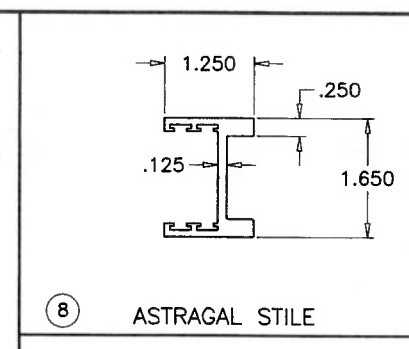
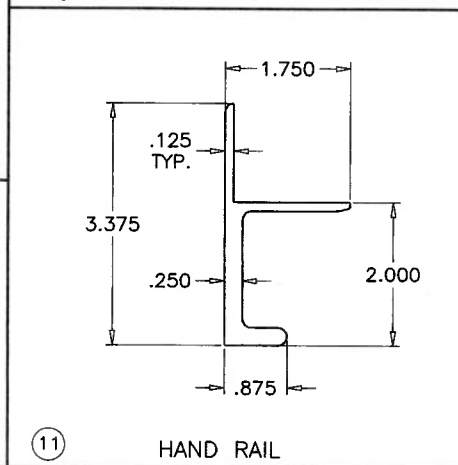
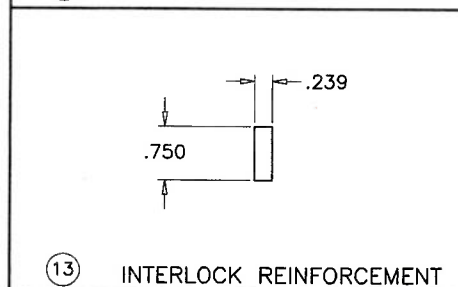
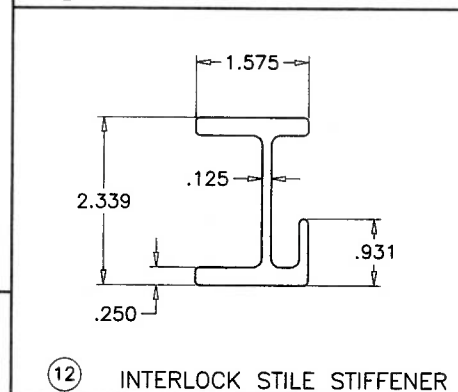
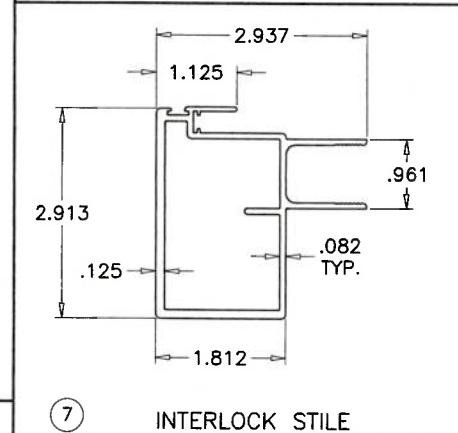
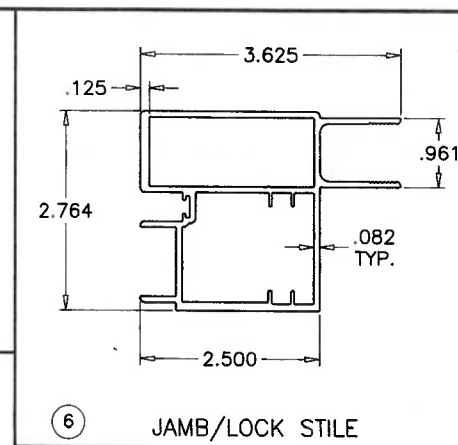
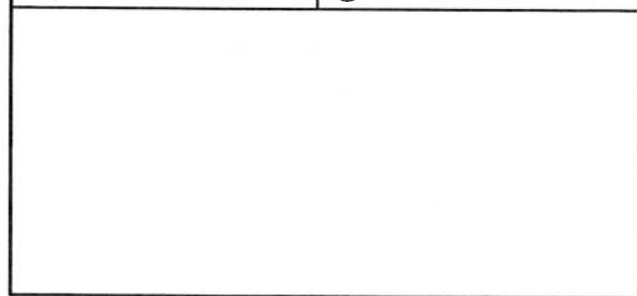
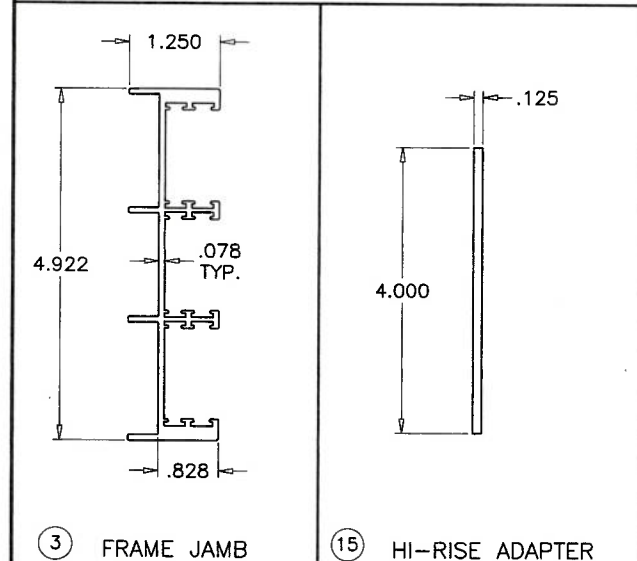
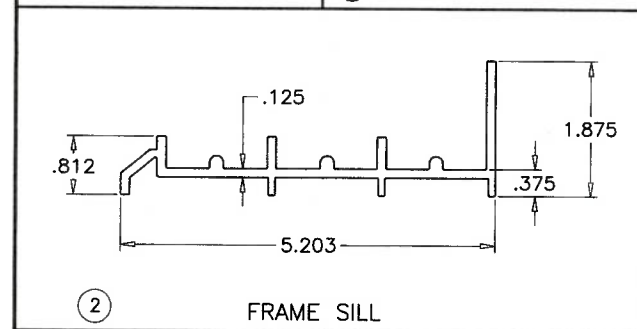
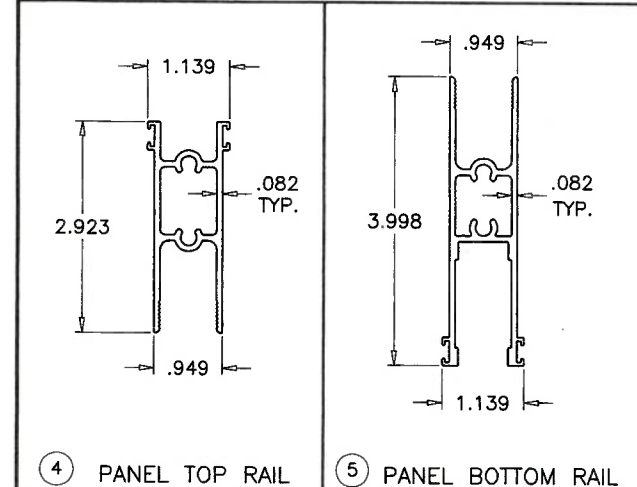
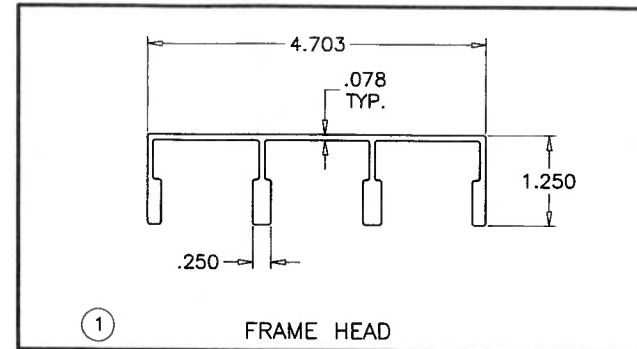
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dr. by: TARIQ

chk. by:

drawing no.  
**W11-47**

sheet 5 of 7



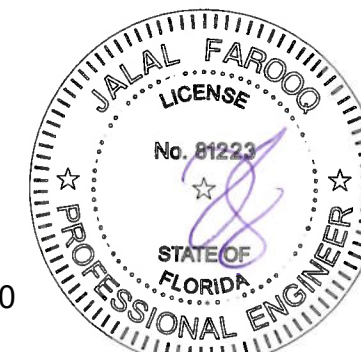
HARDNESS = 75 SHORE A  
TENSILE STRENGTH (100% STRAIN) = 800 PSI  
TENSILE STRENGTH (BREAK) = 1900 PSI  
ELONGATION AT BREAK = 380%  
TEAR STRENGTH = 250 LBF/IN  
SPECIFIC GRAVITY = 1.27

GLAZING GASKET  
PVC MATERIAL BY 'POLYONE'  
EXTRUDED BY 'CENTRAL PLASTICS'

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1202.12

Expiration Date 07/01/2024

By Ishaq I. Chande  
Miami-Dade Product Control



Sealed: 12/1/20

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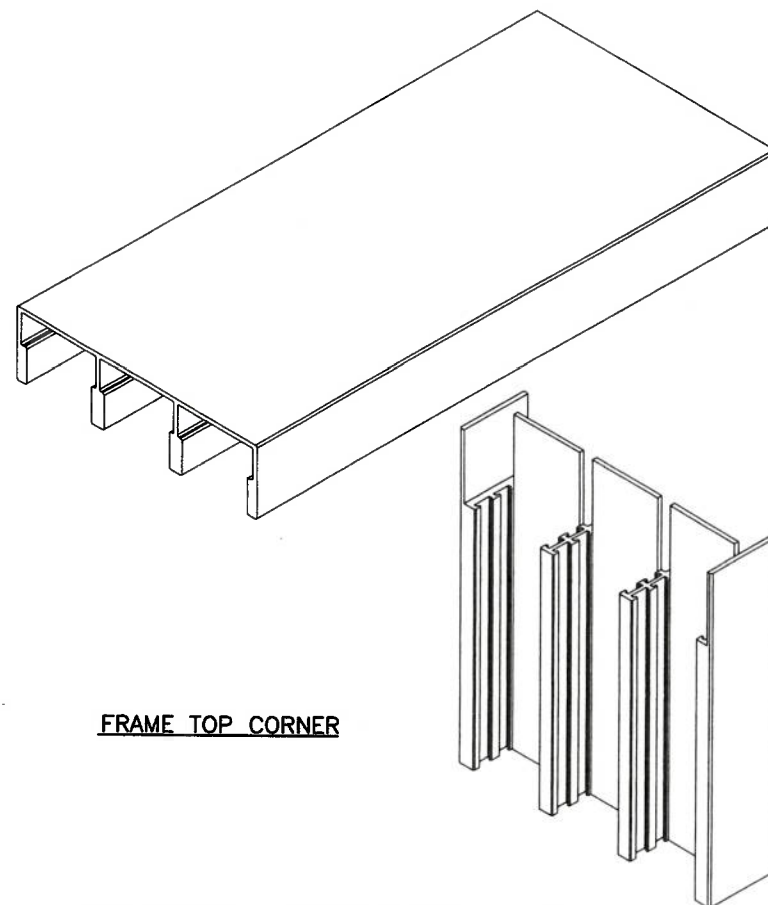
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chk. by:

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**W11-47**  
sheet 6 of 7

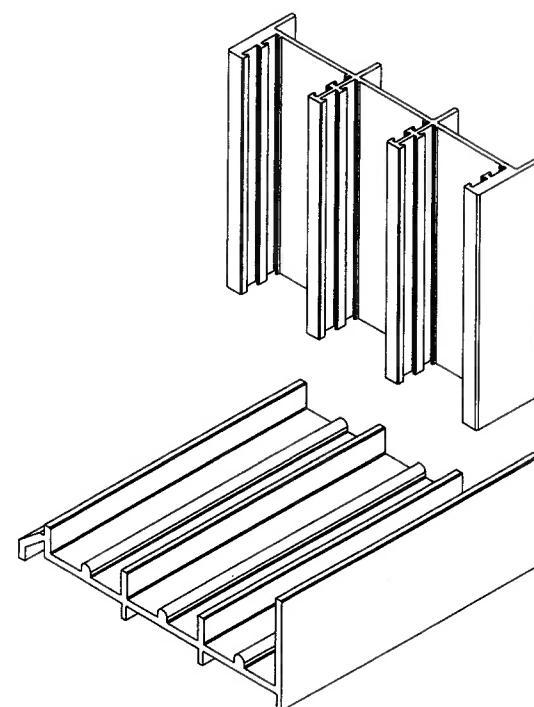
COMP-ANL\W11-47PD



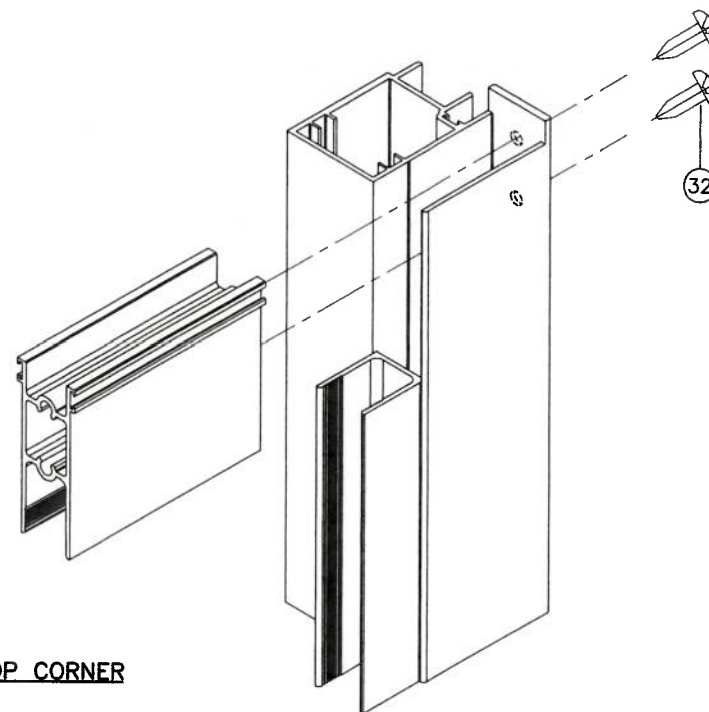


FRAME TOP CORNER

JAMB NOTCHED TO RECIEVE HEADER AND SILL RIBS  
APPLY BEAD OF SONNEBORN NP1 SEALANT  
AT TOP AND BOTTOM JOINTS

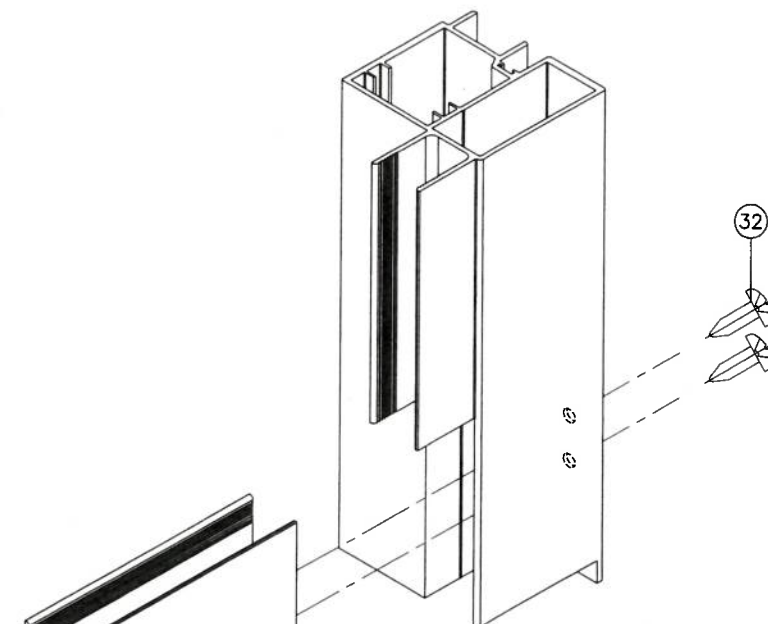


FRAME BOTTOM CORNER

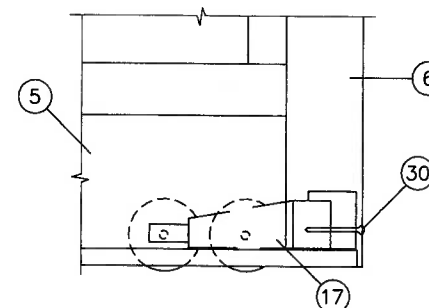


PANEL TOP CORNER

APPLY BEAD OF SONNEBORN NP1 SEALANT  
AT TOP AND BOTTOM JOINTS



PANEL BOTTOM CORNER



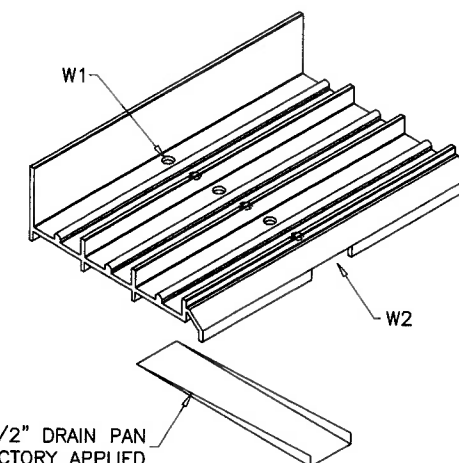
ROLLER FASTENER DETAIL

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. 20-1202.12

Expiration Date 07/01/2024

By *Ishag I. Chande*  
Miami-Dade Product Control

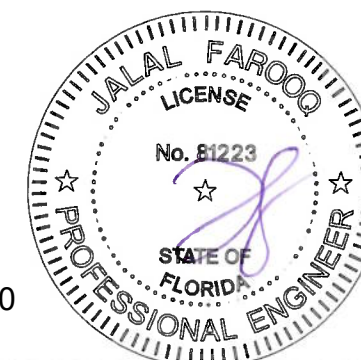


1/4" X 1-1/2" DRAIN PAN  
FACTORY APPLIED

**WEEPHOLES:**

W1 = CLUSTER OF SIX 3/8" WEEP HOLES AT 17" FROM  
EACH END AND 21" O.C.

W2 = 1/4" X 1-1/2" OPENING FOR DRAIN PAN AT 17" FROM  
EACH END AND 21" O.C.



Sealed: 12/1/20

**af c**  
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