



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

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

NOTICE OF ACCEPTANCE (NOA)

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 100" Aluminum Sliding Glass Door w/ reinforcements-SMI

APPROVAL DOCUMENT: Drawing No. **W11-48 Rev D**, titled "Series Titan 100 Alum Sliding Glass Door (S.M.I.)", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 09/07/11 and last revised on SEP 17, 2014, 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. 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).
2. See sheet 2 for Design Pressure Ratings Vs sizes, Std and/or HP Reinforcing, Glass types and anchor types.
3. Detail F (Astragal consists of jamb item #3 and adapter item # 9) is limited to three panels configurations XXO, OXO and OXX only.
4. Single clip at Side Jamb required, can be at exterior or interior side (see detail in sheet 6).

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 & renews NOA # 11-1115.04 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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



NOA No. 14-0724.19
 Expiration Date: August 26, 2019
 Approval Date: September 25, 2014
 Page 1

9/18/14

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (submitted under files #11-1115.04/# 09-0127.15)

1. Manufacturer's die drawings and sections.
2. Drawing No. **W11-48 Rev D**, titled "Series Titan 100 Alum Sliding Glass Door (S.M.I.)", sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 09/07/11 and last revised on SEP 17, 2014, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files #11-1115.04/# 09-0127.15)

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) Small 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 Laboratory, Inc., Test Report No(s). **HTL-0171-0713-07 (specimen #4)**, dated 08/01/08, signed and sealed by Vinu Abraham, P.E, issued to Plaza Door Co (Now known as International Impact Products, LLC)

Note: This test report has been revised and a copy received on July 28, 2009. Also an addendum letter dated June 18, 2009 has been issued by HTL, signed & sealed by Vinu Abraham, P.E.

2. Additional test report No. **HTL-0171-0713-07 (specimen #5, 5A & 5B)** dated 08/01/08, per TAS 202, 201/203-94 (LMI/SMI), issued by Hurricane Testing Lab, signed & sealed by Vinu Abraham, P.E.

C. CALCULATIONS

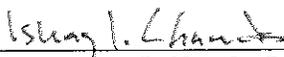
1. Anchor verification calculations and structural analysis, complying with FBC 2014, prepared by Al Farooq Corporation, dated JUL 23, 2014, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTME-1300-02,-04 &-09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to DuPont DeNeumours, Inc. for their "Butacite PVB Interlayer", expiring on 12/11/16.
2. Material properties data sheet of PolyOne Geon vinyl Flexible glazing gasket material extruded by Melt point Inc.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 14-0724.19
Expiration Date: August 26, 2019
Approval Date: September 25, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter dated 07/10/14, compliance to FBC2014 (5th 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/FBC 2007, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (submitted under files #11-1115.04/ # 09-0127.15).
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.

G. OTHER

1. This NOA revises & renews NOA # 11-1115.04, expiring 08/26/19.
2. Bill of Sales Assignment and Loan Purchase agreement between National City Bank and International Impact Building Products.



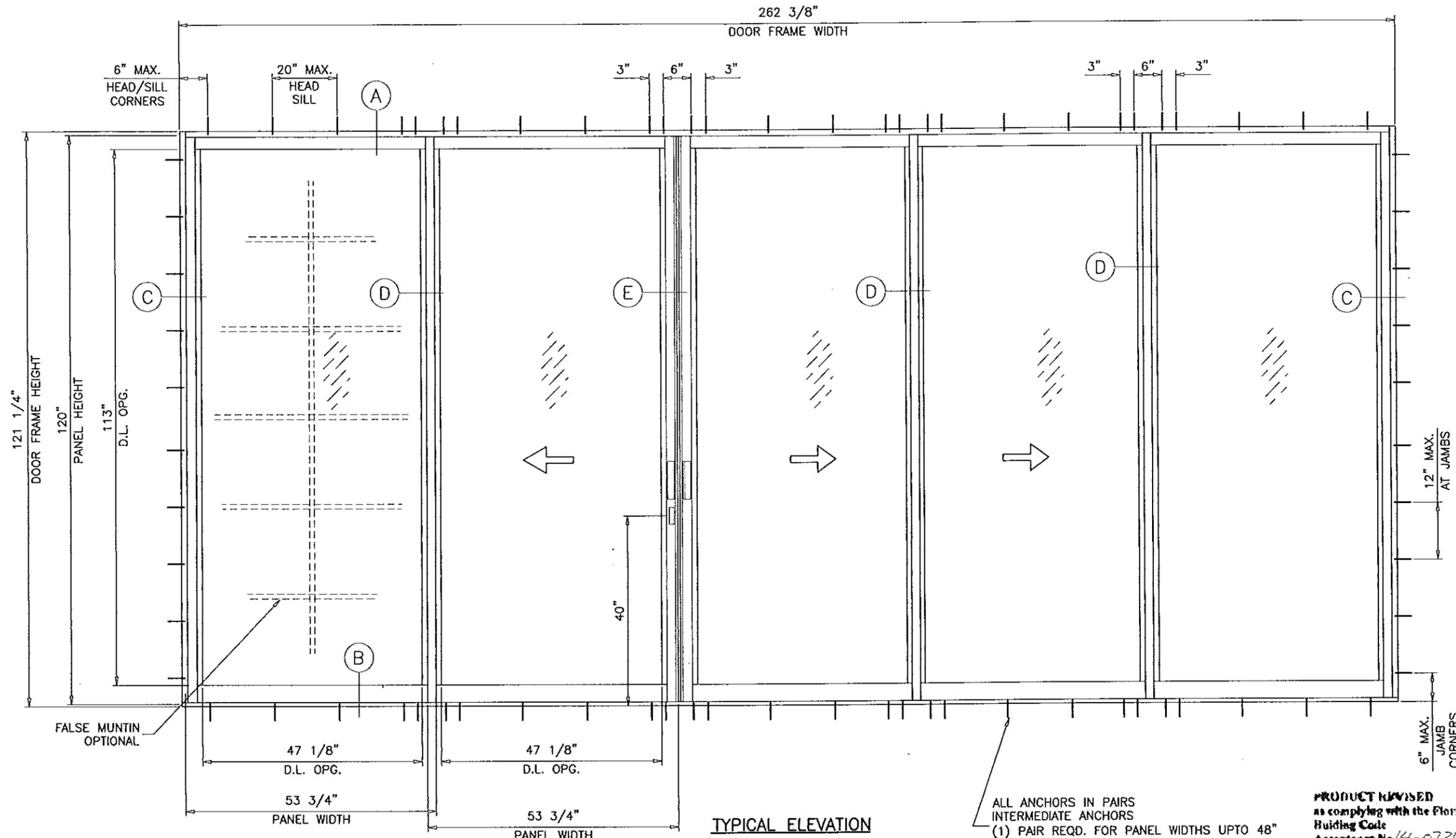
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 14-0724.19

Expiration Date: August 26, 2019

Approval Date: September 25, 2014



TYPICAL ELEVATION

ALL ANCHORS IN PAIRS
 INTERMEDIATE ANCHORS
 (1) PAIR REQD. FOR PANEL WIDTHS UP TO 48"
 (2) PAIRS REQD. FOR PANEL WIDTHS ABOVE 48"

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-0724.14
 Expiration Date: Aug 24, 2014
 By: [Signature]
 Miami Daily Product Control

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

SERIES 'TITAN 120' ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ON SHEET 2.

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

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

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

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.

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 SEP 17 2014

LAMINATED GLASS
 SMALL MISSILE IMPACT

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL\W11-48PD

SERIES 'TITAN 120' ALUM SLIDING GLASS DOOR (S.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

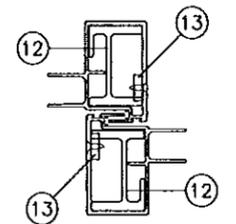
no	date	description	REV. PER PERA COMMENTS	REV. PER PERA COMMENTS
A	02.02.12			
B	03.06.12			
C	07.11.14		UPDATED TO 2014 FBC	
D	09.17.14			

date: 09-07-11
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

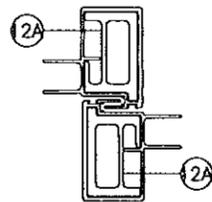
drawing no.
W11-48
 sheet 1 of 8

DESIGN LOAD CAPACITY - PSF							
PANEL WIDTH INCHES	DOOR FRAME HEIGHT INCHES	STD. REINFORCING GLASS TYPES 'A' OR 'B'		HP REINFORCING GLASS TYPE 'B' (HI-RISE ADAPTER)			
		ANCHORS 'A', 'B' OR 'C'		ANCHORS 'A'		ANCHORS 'B' OR 'C'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36	97-1/4	90.0	90.0	100.0	120.0	100.0	120.0
42		90.0	90.0	100.0	120.0	100.0	120.0
48		90.0	90.0	100.0	113.5	100.0	120.0
52		90.0	90.0	96.7	96.7	100.0	120.0
54		90.0	90.0	97.2	116.6	97.2	116.6
60		87.5	87.5	87.5	104.9	87.5	104.9
36	103-1/4	90.0	90.0	100.0	120.0	100.0	120.0
42		90.0	90.0	100.0	120.0	100.0	120.0
48		90.0	90.0	100.0	113.5	100.0	120.0
52		90.0	90.0	96.7	96.7	100.0	120.0
54		90.0	90.0	97.2	116.6	97.2	116.6
60		87.5	87.5	87.5	104.9	87.5	104.9
36	109-1/4	90.0	90.0	100.0	120.0	100.0	120.0
42		90.0	90.0	100.0	120.0	100.0	120.0
48		90.0	90.0	100.0	113.5	100.0	120.0
52		90.0	90.0	96.7	96.7	100.0	120.0
54		89.0	89.0	97.2	116.6	97.2	116.6
60		87.5	87.5	87.5	104.9	87.5	104.9
36	115-1/4	90.0	90.0	100.0	120.0	100.0	120.0
42		90.0	90.0	100.0	120.0	100.0	120.0
48		90.0	90.0	100.0	113.5	100.0	120.0
52		90.0	90.0	96.7	96.7	100.0	120.0
54		89.0	89.0	97.2	111.3	97.2	116.6
60		87.5	87.5	87.5	104.9	87.5	104.9
36	121-1/4	90.0	90.0	100.0	120.0	100.0	120.0
42		90.0	90.0	100.0	120.0	100.0	120.0
48		90.0	90.0	100.0	113.5	100.0	120.0
52		90.0	90.0	96.7	96.7	100.0	120.0
54		89.0	89.0	97.2	111.3	97.2	116.6
60		87.5	87.5	87.5	104.9	87.5	104.9

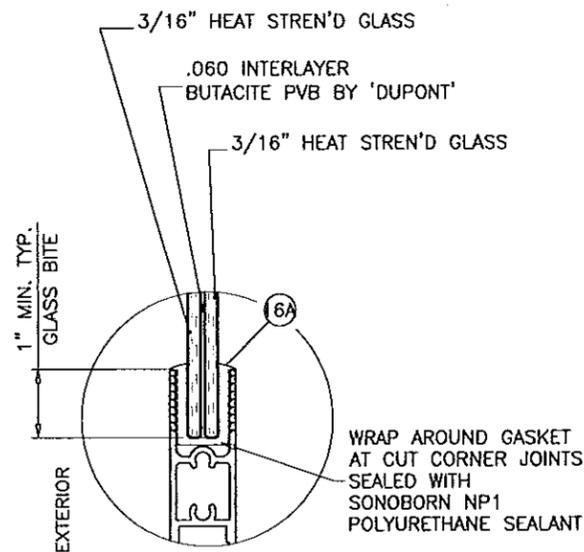
DOOR HEIGHT AND WIDTH SIZE MUST COMPLY
EGRESS REQUIREMENTS PER FBC.



STD. REINF. INTERLOCK

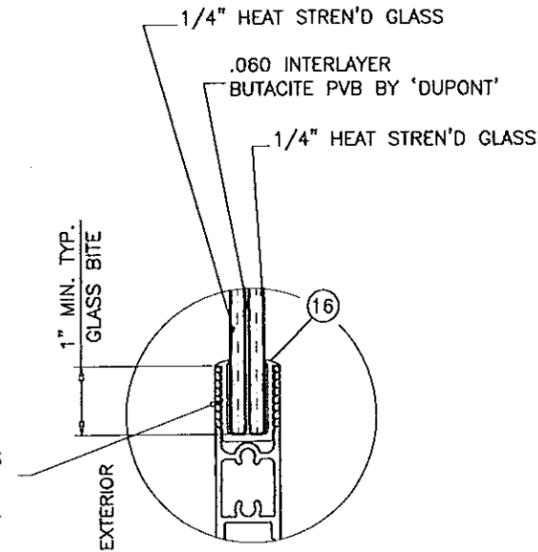


HP REINF. INTERLOCK



GLASS TYPE 'A'

7/16" OVERALL LAMINATED GLASS



GLASS TYPE 'B'

9/16" OVERALL LAMINATED GLASS

GLAZING OPTIONS

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

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

SEP 17 2014

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W11-48PD

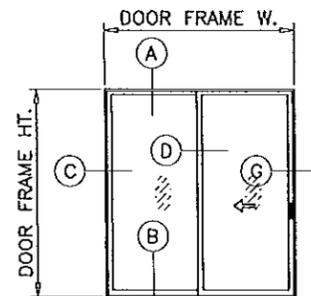
SERIES 'TITAN 120' ALUM SLIDING GLASS DOOR (S.M.I.)
INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC
d/b/a PLAZA DOOR
5900 AUSTRALIAN AVE. SUITE #3
WEST PALM BEACH, FL 33407
TEL (561) 578-5450 FAX (561) 578-5460

NO	DATE	BY	DESCRIPTION
A	02.02.12	REV. PER PERA COMMENTS	
B	03.06.12	NO CHANGE THIS SHEET	
C	07.11.14	UPDATED TO 2014 FBC	
D	08.17.14	REV. PER PER COMMENTS	

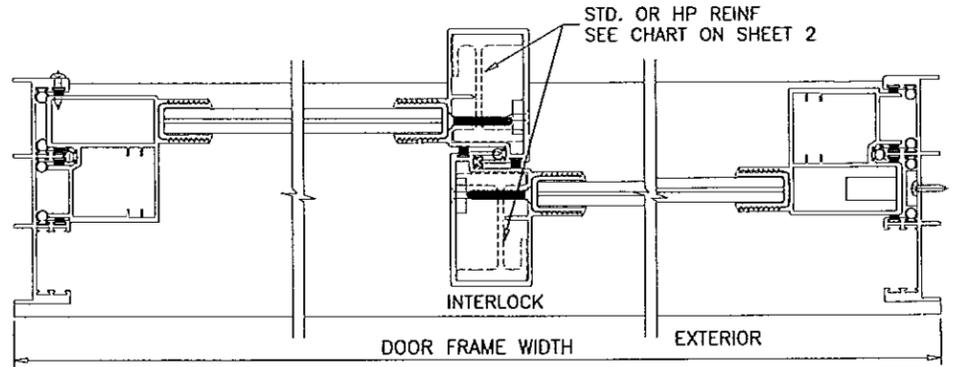
PRODUCT REVISER
as complying with the Florida
Building Code
Acceptance No. 14-0724-19
Expiration Date 8/26/19
by Ishag T. Chaudhry

date: 09-07-11
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

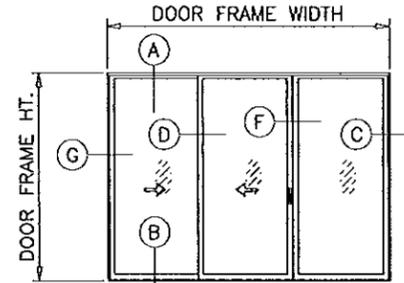
drawing no.
W11-48
sheet 2 of 8



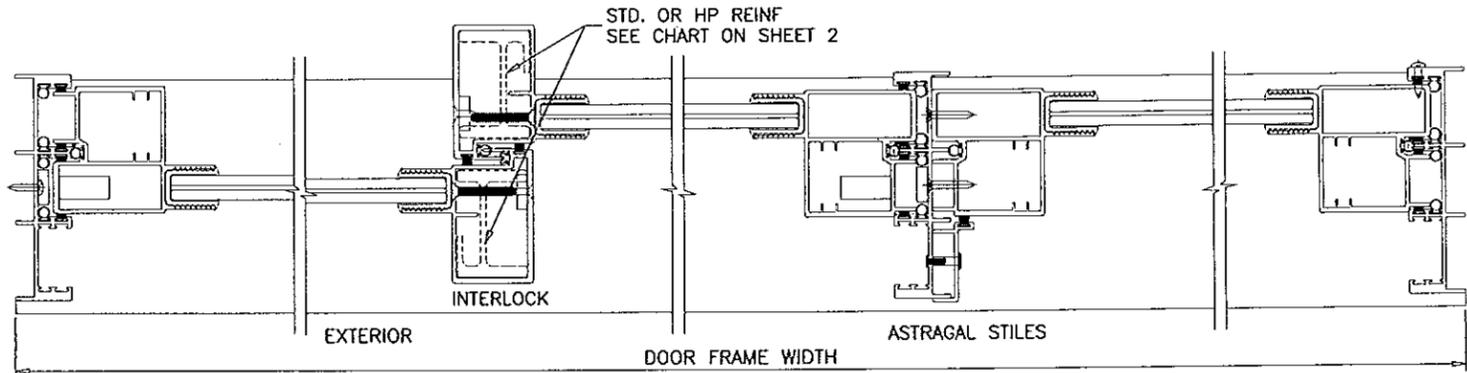
OX (SHOWN)
XO (REVERSE)
XX



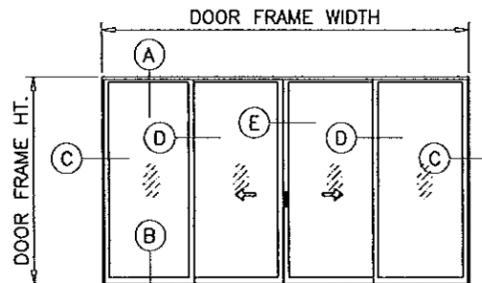
NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 4 & 5)



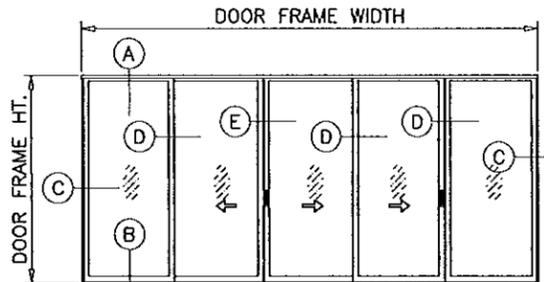
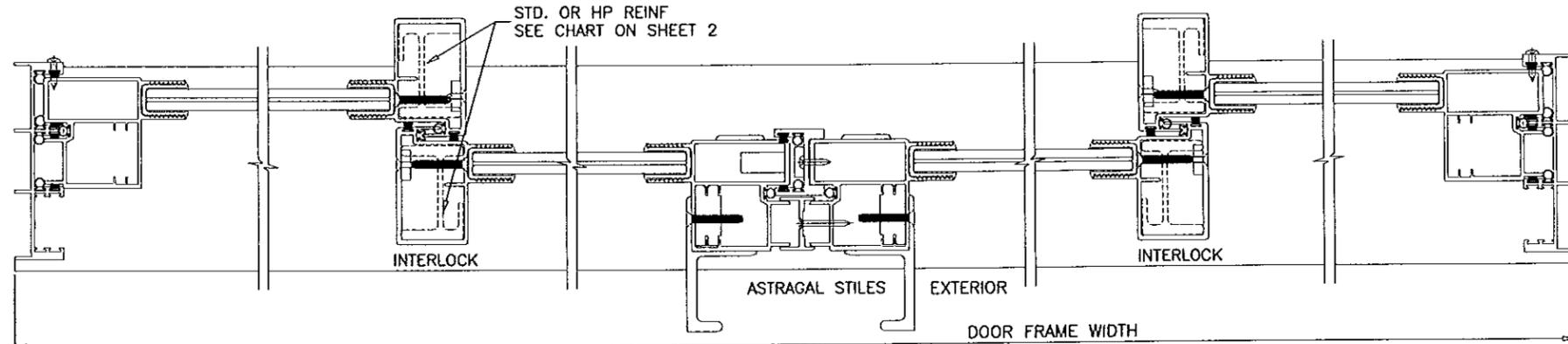
OXX
OXO
XXO (SHOWN)



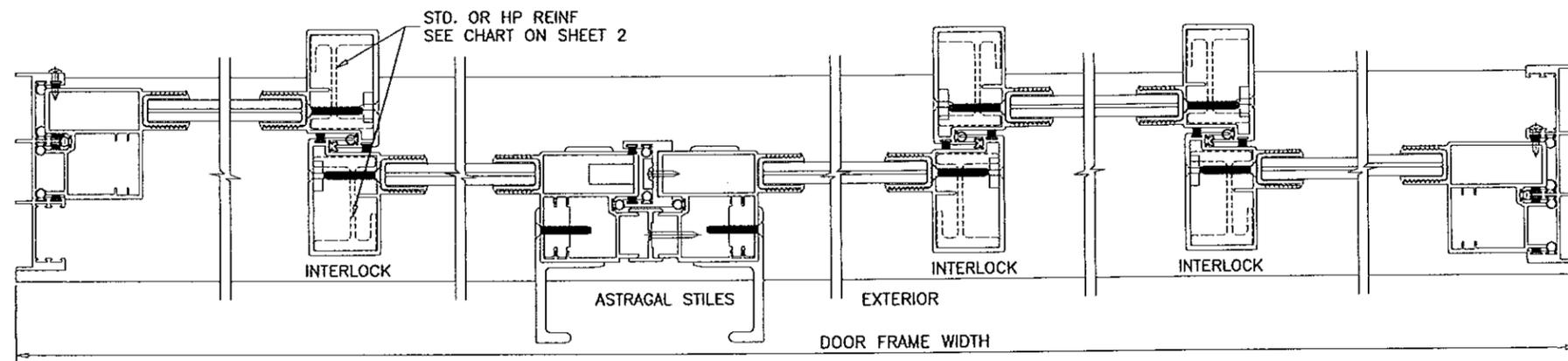
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0724.19
Expiration Date 3/26/19
By: [Signature]
Product Control



OXXO (SHOWN)
OXXX
XXXX



OXXXO (SHOWN)



APPROVED CONFIGURATIONS

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W11-48PD

SERIES 'TITAN 120' ALUM SLIDING GLASS DOOR (S.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	description	by
A	02.02.12	REV. PER PERA COMMENTS	
B	03.06.12	REV. PER PERA COMMENTS	
C	07.11.14	NO CHANGE THIS SHEET	
D	09.17.14	REV. PER PER COMMENTS	

date: 09-07-11
scale: -
dr. by: HAMID
chk. by:

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

SEP 17 2014

drawing no.
W11-48
sheet 3 of 8

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	-
9	PDC-067	AS REQD.	ADAPTER	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	STD. INTERLOCK STILE REINFORCEMENT, LENGTH = PANEL HT. - 18"	6063-T6	-
12A	PDC-099	1/ PANEL	HP 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) (9/16" GLASS)	FLEXIBLE PVC	MELTPOINT PLASTICS
16A	2-271-0	AS REQD.	GLAZING GASKET (X-1842) (7/16" GLASS)	FLEXIBLE PVC	MELTPOINT 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)	-	ULTRAFAB
27	2-025-0	-	#10-24 X 1/4" PFH UC SMS	-	AT 2" FROM ENDS & 14" O.C.
28	2-038-0	-	#8-32 X 1-1/2" MS	-	AT 6" FROM ENDS & 14" O.C.
29	2-060-0	-	#8-32 X 5/8" ALUMINUM SEX BOLTS	-	AT 6" 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.
37	2-022-0	-	#10 X 1-1/4" FH SMS	-	AT 6" FROM ENDS & 14" O.C.
39	2-027-0	1	#10 X 1-1/4" MS TYPE F FH	-	(1) AT 9" FROM BOTTOM
40	-	AS REQD.	JAMB SHEAR CLIP, 3" LONG MIN. OR CONTINUOUS	6063-T6	-

PRODUCT REVISED
to comply with the Florida
Building Code 14-0724.19
Assemblance No.
Registration Date 8/26/19
Ismail I. Chant
Dade Project Controls

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
SEP 17 2014

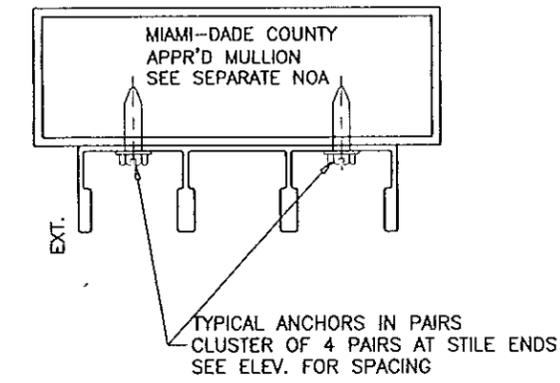
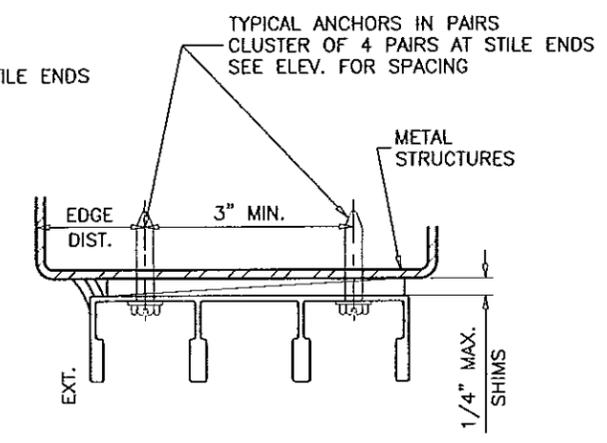
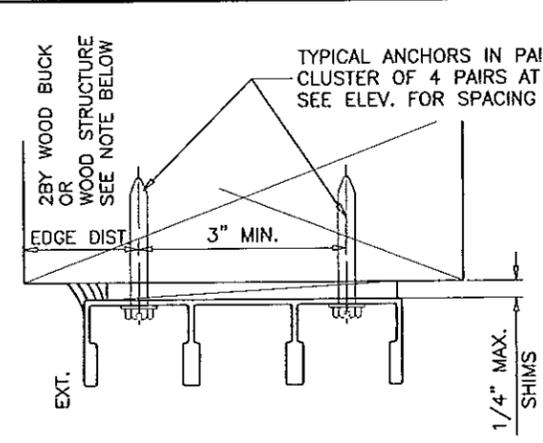
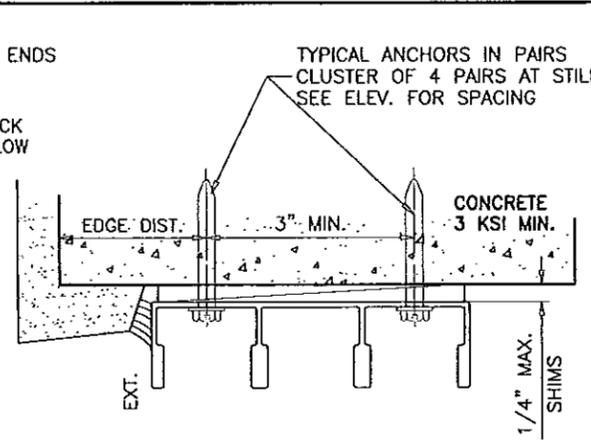
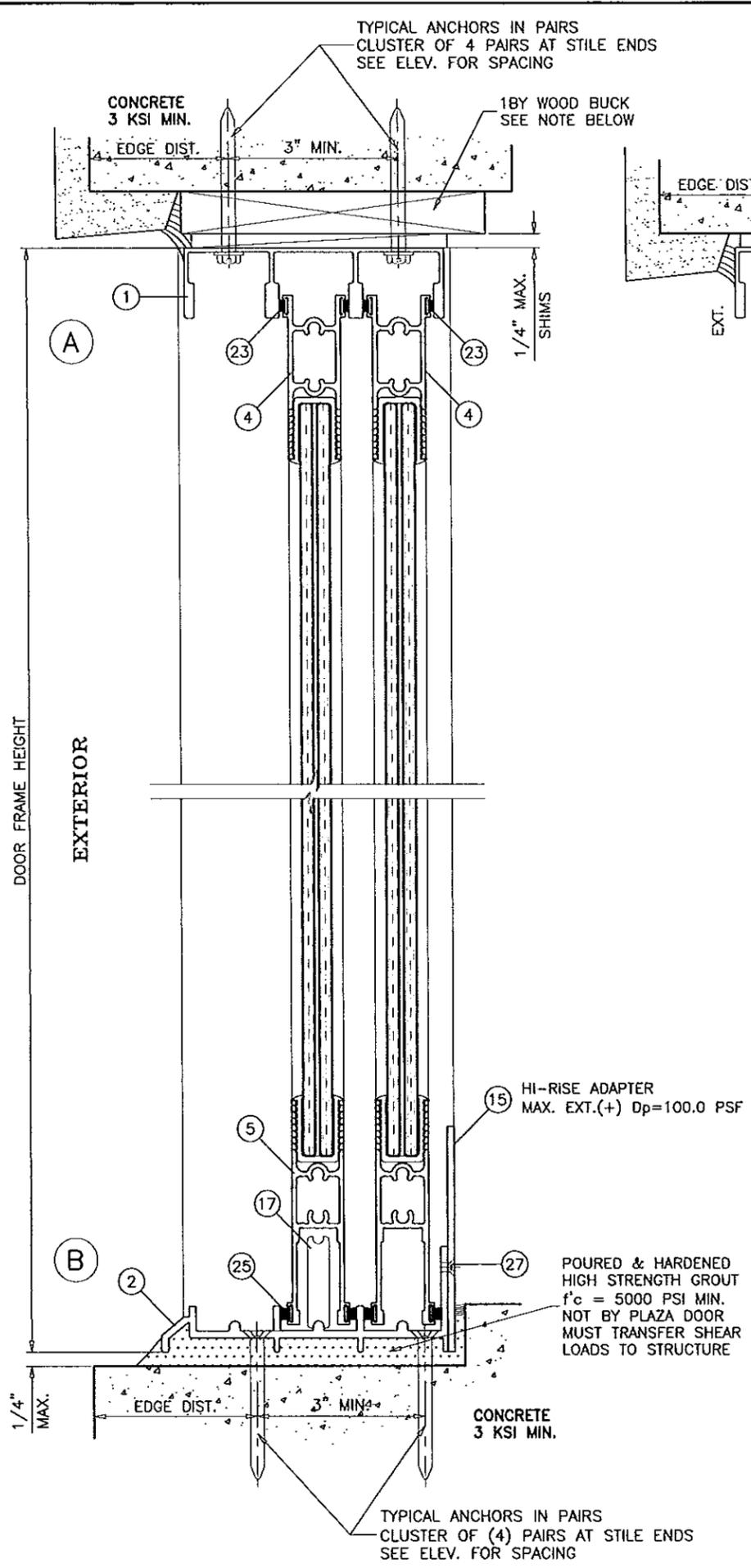
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W11-48PD

SERIES TITAN 120' ALUM SLIDING GLASS DOOR (S.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	description
A	02.02.12	REV. PER PERA COMMENTS
B	03.06.12	NO CHANGE THIS SHEET
C	07.11.14	NO CHANGE THIS SHEET
D	09.17.14	REV. PER PER COMMENTS

date: 09-07-11
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W11-48
sheet 4 of 8



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

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 (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONC. OR MASONRY
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

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

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 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.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 14-0724.19
 Expiration Date 2/2019
 by
 Miami Dade Product Council

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

SEP 17 2014

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W11-48PD

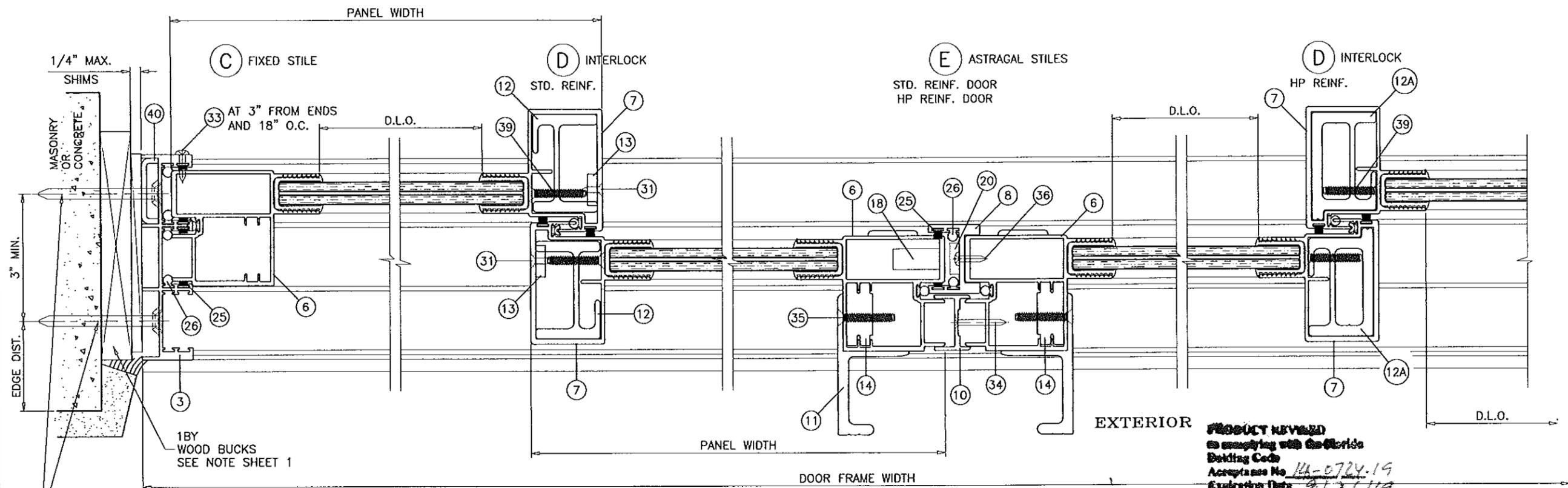
SERIES 'TITAN 120' ALUM SLIDING GLASS DOOR (S.M.I.)
 INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC
 d/b/g PLAZA DOOR
 5900 AUSTRALIAN AVE. SUITE #3
 WEST PALM BEACH, FL 33407
 TEL. (561) 578-5450 FAX. (561) 578-5460

no	date	by	description
A	02.02.12	REV. PER PERA COMMENTS	
B	03.06.12	NO CHANGE THIS SHEET	
C	07.11.14	UPDATED TO 2014 FBC	
D	09.17.14	REV. PER PER COMMENTS	

date: 09-07-11
 scale: 3/8" = 1"
 dr. by: HAAVID
 chk. by:

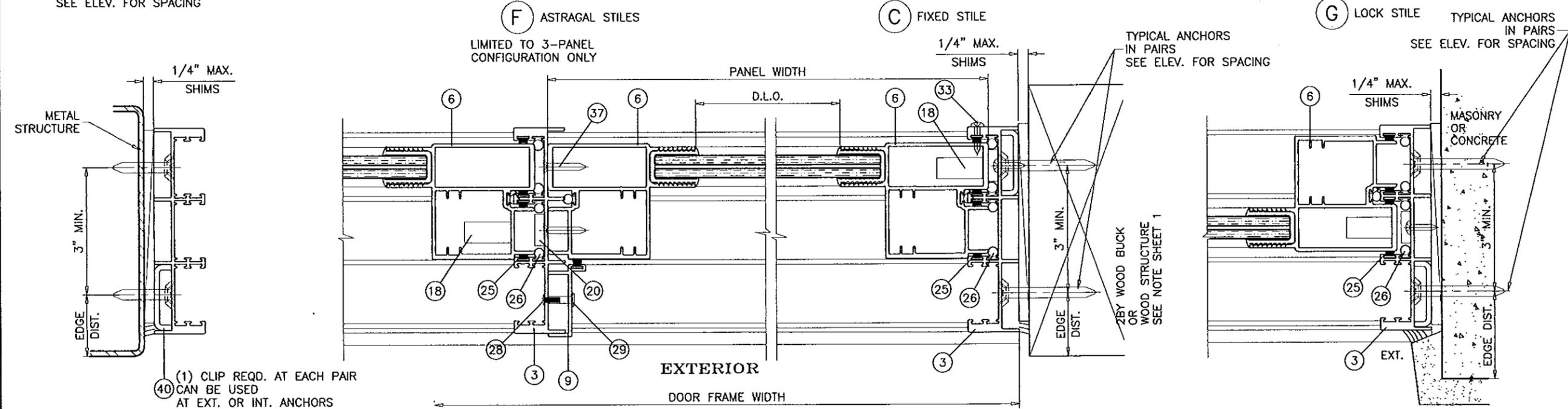
drawing no.
W11-48

sheet 5 of 8



TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING

PRODUCT REVIEWED
 as complying with Florida Building Code
 Acceptance No. 14-0724-19
 Expiration Date 2/26/19
 By [Signature]
 Miami Dade Product Council



(1) CLIP REQD. AT EACH PAIR CAN BE USED AT EXT. OR INT. ANCHORS

TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING

TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 SEP 17 2014

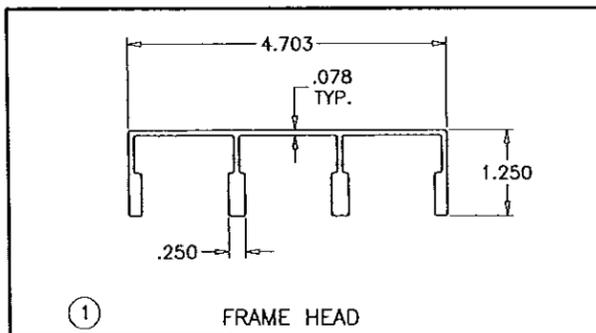
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W11-48PD

SERIES TITAN 120' ALUM SLIDING GLASS DOOR (S.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

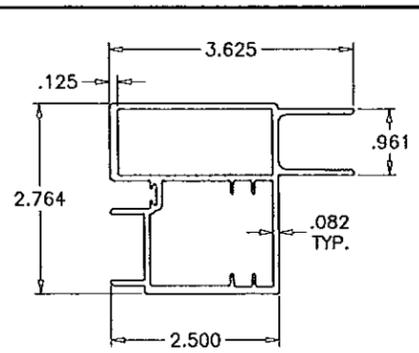
NO	DATE	DESCRIPTION
A	02.02.12	REV. PER PERA COMMENTS
B	03.06.12	REV. PER PERA COMMENTS
C	07.11.14	UPDATED TO 2014 FBC
D	09.17.14	REV. PER PER COMMENTS

date: 09-07-11
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

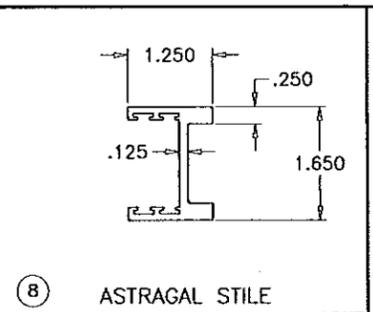
drawing no.
W11-48
 sheet 6 of 8



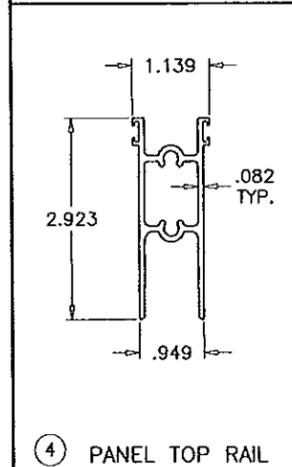
① FRAME HEAD



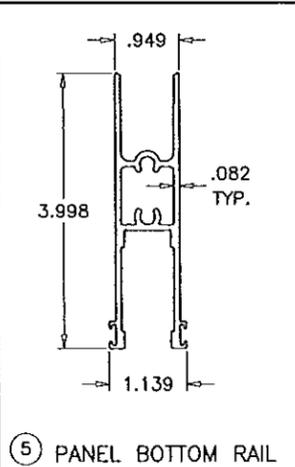
⑥ JAMB/LOCK STILE



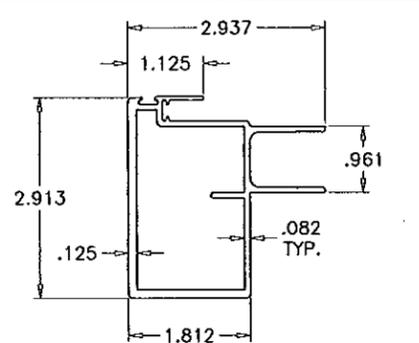
⑧ ASTRAGAL STILE



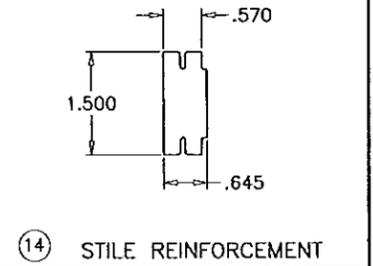
④ PANEL TOP RAIL



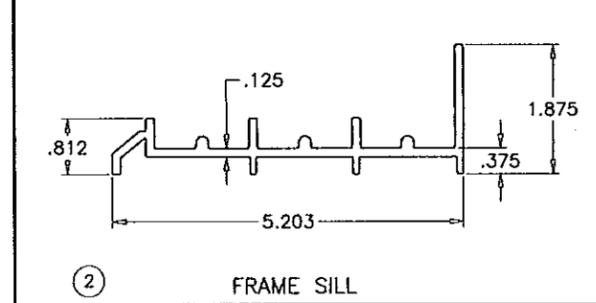
⑤ PANEL BOTTOM RAIL



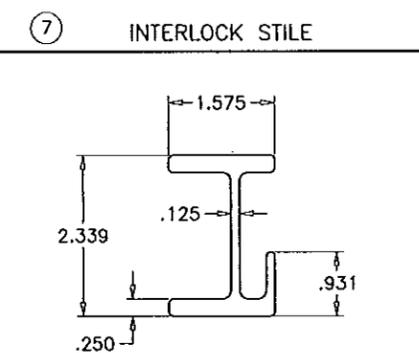
⑦ INTERLOCK STILE



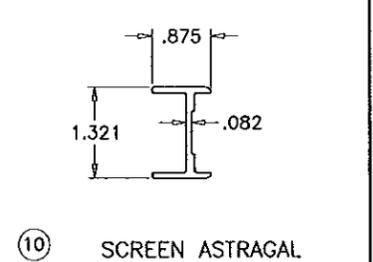
⑭ STILE REINFORCEMENT



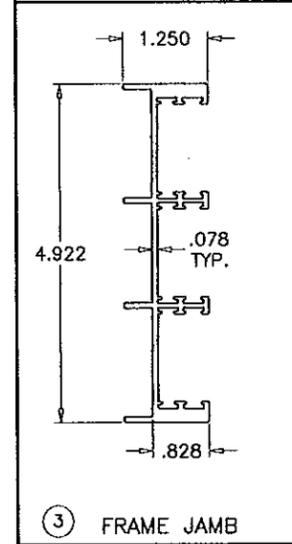
② FRAME SILL



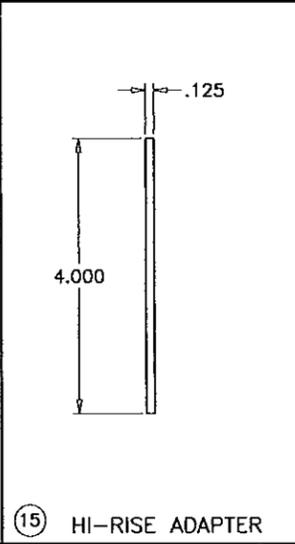
⑫ INTERLOCK STILE STIFFENER



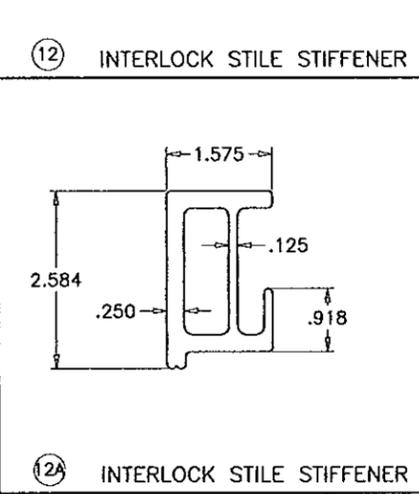
⑩ SCREEN ASTRAGAL



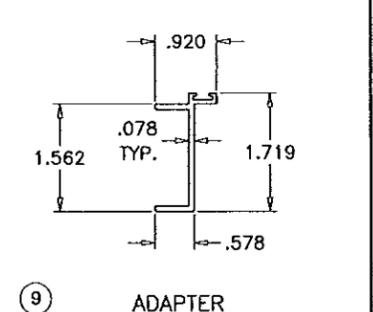
③ FRAME JAMB



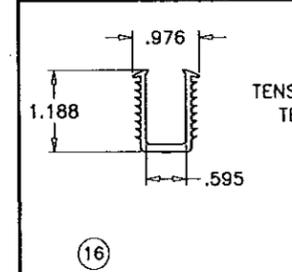
⑮ HI-RISE ADAPTER



⑫A INTERLOCK STILE STIFFENER

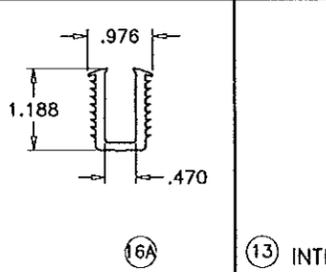


⑨ ADAPTER

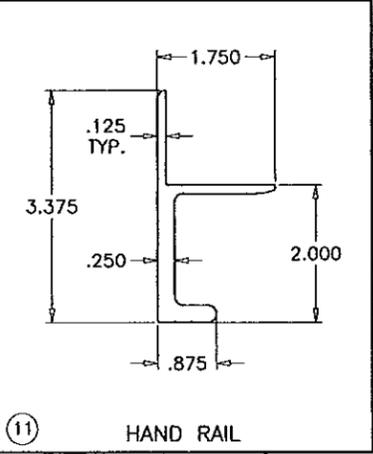


⑯ GLAZING GASKETS

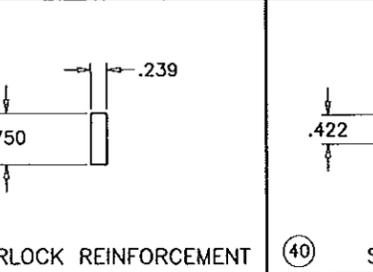
HARDNESS = 75 SHORE A
 TENSILE STRENGTH (100% STRAIN) = 800 PSI
 TENSILE STRENGTH (BREAK) = 1900 PSI
 ELONGATION AT BREAK = 380%
 TEAR STRENGTH = 250 LBF/IN
 SPECIFIC GRAVITY = 1.27



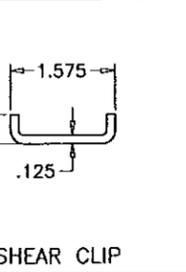
⑯A



⑪ HAND RAIL



⑬ INTERLOCK REINFORCEMENT



⑳ SHEAR CLIP

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-0724-19
 Expiration Date 3/26/19
 [Signature]

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 [Signature]
 SEP 17 2014

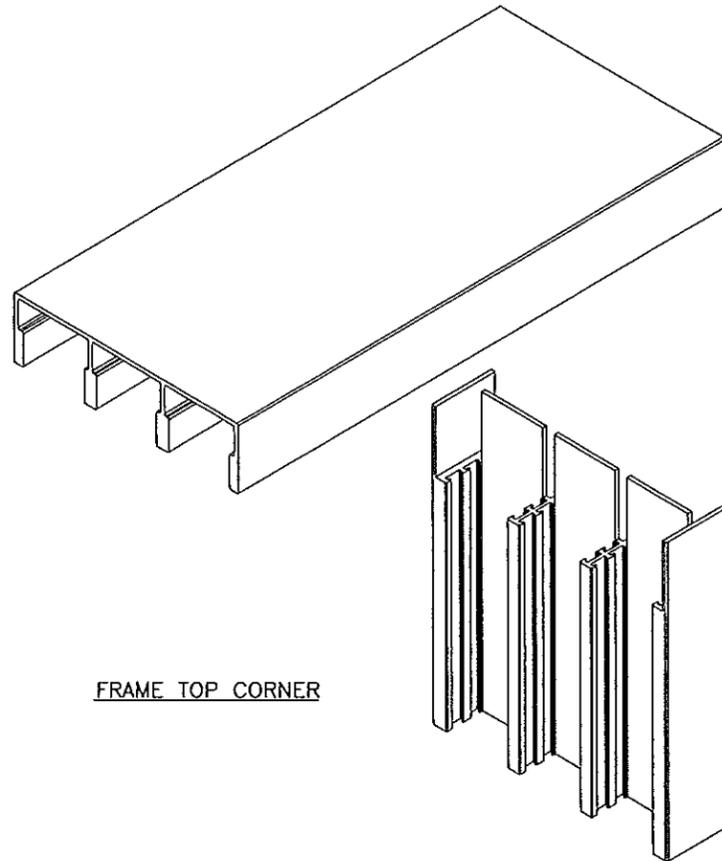
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL W11-48PD

SERIES TITAN 120' ALUM SLIDING GLASS DOOR (S.M.I.)
INTERNATIONAL IMPACT BUILDING PRODUCTS, LLC
 d/b/o 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	02.02.12	REV. PER PERA COMMENTS	
B	03.06.12	NO CHANGE THIS SHEET	
C	07.11.14	NO CHANGE THIS SHEET	
D	09.17.14	NO CHANGE THIS SHEET	

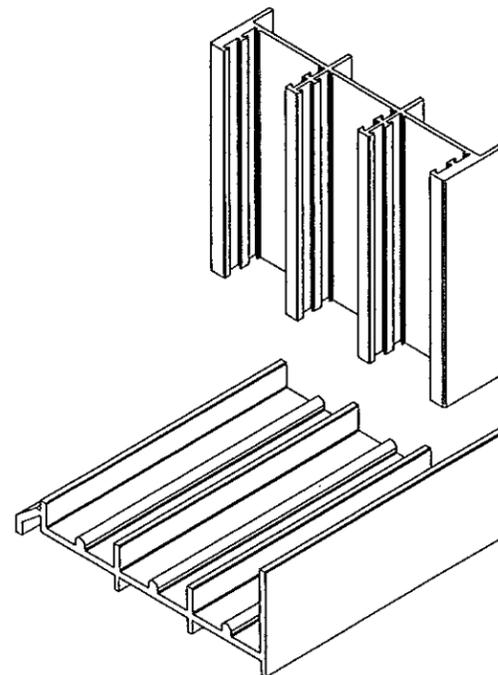
date: 09-07-11
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W11-48
 sheet 7 of 8

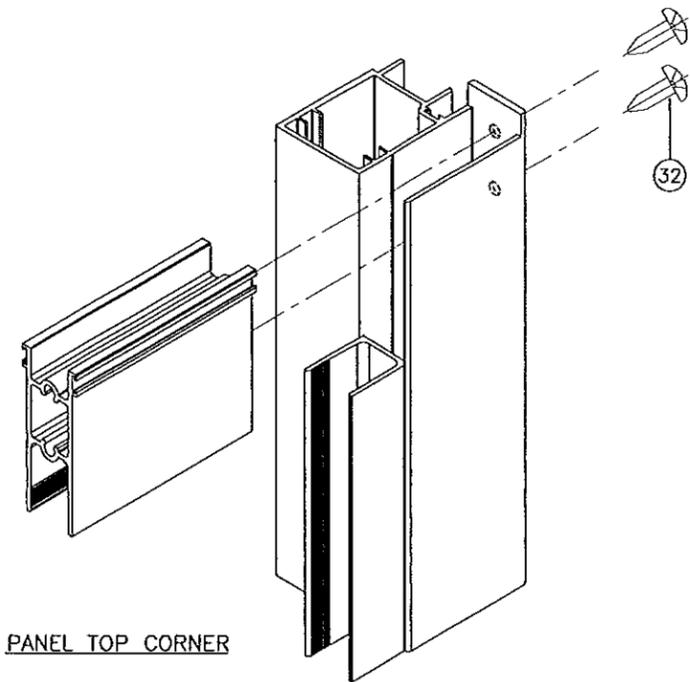


FRAME TOP CORNER

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

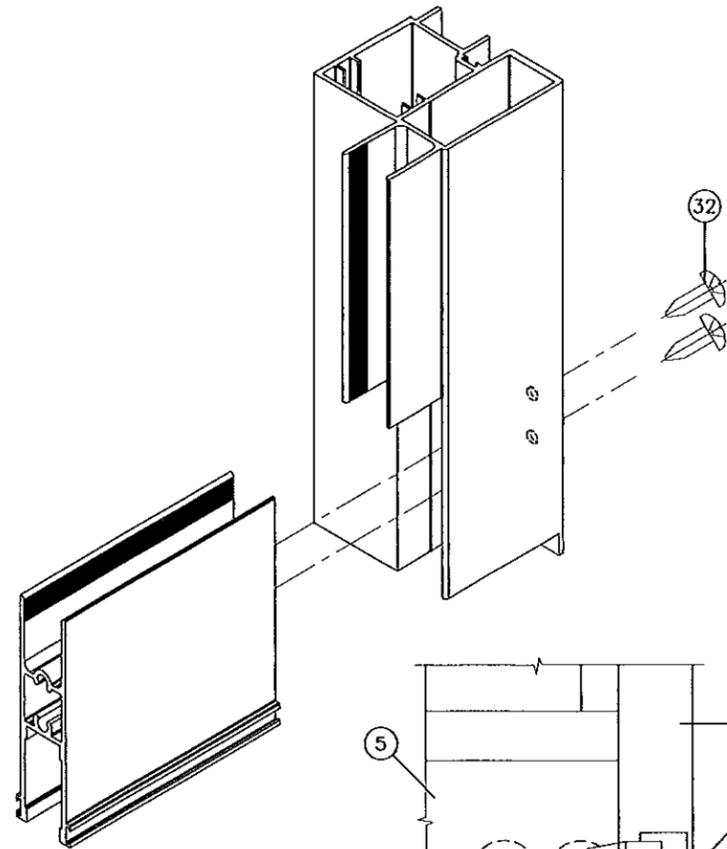


FRAME BOTTOM CORNER

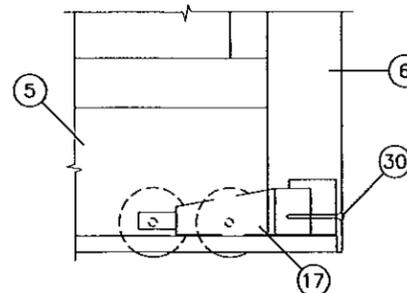


PANEL TOP CORNER

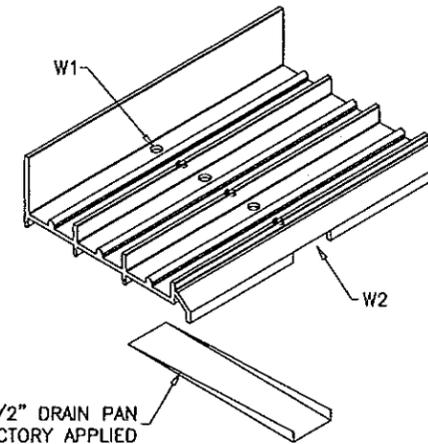
APPLY BEAD OF SONNEBORN NP1 SEALANT
AT TOP AND BOTTOM JOINTS



PANEL BOTTOM CORNER



ROLLER FASTENER DETAIL



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.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

SEP 17 2014

PRODUCT REVISED
As complying with the Florida
Building Code
Acceptance No. 14-0724.19
Expiration Date AUG 31, 2019
By *[Signature]*
Miami Dade Product *[Signature]*

afC

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W11-48PD

SERIES 'TITAN 120' ALUM SLIDING GLASS DOOR (S.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	02.02.12		NO CHANGE THIS SHEET
B	03.06.12		NO CHANGE THIS SHEET
C	07.11.14		NO CHANGE THIS SHEET
D	09.17.14		NO CHANGE THIS SHEET

date: 09-07-11
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W11-48

sheet 8 of 8