



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)

CGI Windows & Doors, Inc.
 10100 N. W. 25th Street
 Miami, FL 33172

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 "450" Aluminum Inswing Glazed Doors w/wo Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. W06-73 Rev J, titled "Series 450 Inswing Doors & Sidelites", sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10/27/06 and last revised on 09/21/17, 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: Large and Small Missile Impact

Limitations:

1. Narrow stile sidelites are limited to 18" or less.
2. The frame are of alternate size must not exceed 125 ft², nor panel tested area and max. panel height.

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 # 16-0329.03 and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P.E.**



JM/30/17

NOA No. 17-1011.11
 Expiration Date: November 09, 2021
 Approval Date: December 07, 2017
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under files below).
2. Drawing No. **W06-73 Rev I**, titled "Series 450 Inswing Doors & Sidelites", sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10-27-06 and last revised on 03-22-16, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #14-1103.05/#12-0706.04/#11-1025.03/#09-0723.04)

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94(+50.0 PSF, sill S-I only)
 - 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 manufacturer's parts and section drawing marked-up drawings of aluminum In swing / Outswing door w/wo sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-0080-0304-11** dated 11/28/2011 and **HTL-0080-0902-11**, signed and sealed by Vinu J. Abraham, P.E.

Note: This test report has been revised by addendum letters, issued by Architectural Testing (Former Hurricane Testing Lab), dated 01/20/12 and 04/03/12, both signed and sealed by Vinu J. Abraham, P.E.

Along with manufacturer's parts and section drawing marked-up drawings of double aluminum outswing doors, issued by Architectural Testing, Test Report No(s) **B-5234.02-450-18** dated 12/19/2011, signed and sealed by Vinu J. Abraham, P.E.

2. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.

Along with manufacturer's parts and section drawing marked-up drawings of aluminum In/out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-97055 (0080-912-97)** dated 09/23/97 thru 02/27/98 for specimen #1, 2, 3, 4 tested per PA202-94, specimen #4, 5A, 5B, 5C tested per PA201-94 & PA203-94, signed and sealed by Timothy S. Marshall, P.E.


Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
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B. TESTS (continued):

Along with manufacturer's parts and section drawing marked-up drawings of aluminum out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-01071 (0080-0402-02)** dated 04/01/2002 tested per PA201-94 & PA203-94, signed and sealed by Vinu J. Abraham, P.E. (submitted in file # **09-0723.04**). Original tests conducted per SFBC, PA 201, 202 & 203-94 now known as FBC, TAS 201, 202 & 203-94.

3. Reference Certified Testing Laboratories test report # **CTLA 3056WA**, issued to CGI Windows & Doors Inc. per TAS 201, 202 and 203-94 for specimen #1 thru #30 for laminated PVB glass, insulated PVB laminated glass with Duraseal and super spacers, signed and sealed by Ramesh C. Patel, P.E.

C. CALCULATIONS (Submitted under files #14-1103.05)


1. Anchor verification calculations and structural analysis, complying with FBC-2014(5th Edition), prepared by Al Farooq Corporation, dated 10/27/14 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.
2. Additional intermediate horizontal mull calculations, prepared by Al Farooq Corporation, dated JUN 29, 2012, signed and sealed by Javad Ahmad, P.E. (Submitted under file # **11-1025.03**)
3. 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. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "**Sentry Glass @ Interlayer**", expiring on 07/4/17.
2. Notice of Acceptance No. **14-0423.15** issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core**", expiring on 12/11/18.
3. Notice of Acceptance No. **15-1201.11** issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the "**Saflex Clear and Color Glass Interlayers**", expiring on 05/21/21.


Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
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F. STATEMENTS (Submitted under files #14-1103.05)

1. Statement letter of conformance to FBC 2014(5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 10/03/14, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance and addendum letters, as part of the above referenced test reports.

G. OTHER

1. This NOA **revises & renews # 14-1103.05**, expiring on November 09, 2021.
2. Hardware cut sheets verified and marked-up by the Architectural Testing (former Hurricane Testing lab).
3. Test proposal dated 12/16/14 approved by RER and Test proposal # **10-0940**, dated 11/17/10 approved by BNC.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W06-73 Rev J**, titled "Series 450 Inswing Doors & Sidelites", sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10/27/06 and last revised on 09/21/17, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS


1. Mullion analysis, complying with **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, prepared by Al Farooq Corporation, dated 09/29/17, 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. **17-0712.03** issued to Eastman Chemical Company (MA) for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core**", expiring on 12/11/18.
2. Notice of Acceptance No. **17-0712.05** issued to Eastman Chemical Company (MA) for their "**Saflex Clear and Color Glass Interlayers**", expiring on 05/21/21.


Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
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Expiration Date: November 09, 2021
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance with **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, and of no financial interest, dated 08/30/17, signed and sealed by Javad Ahmad, P. E.

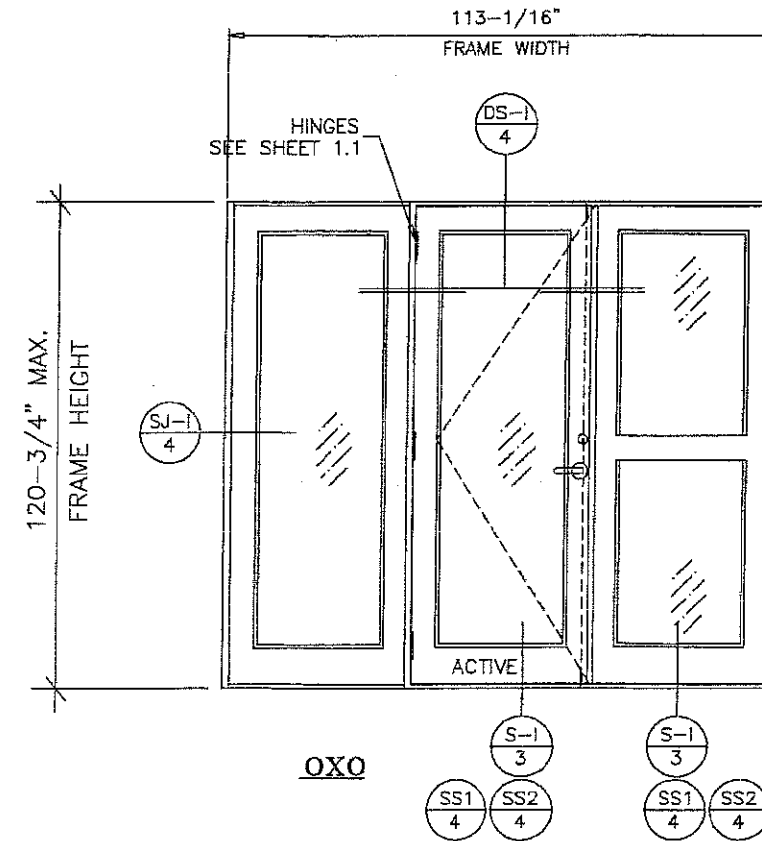
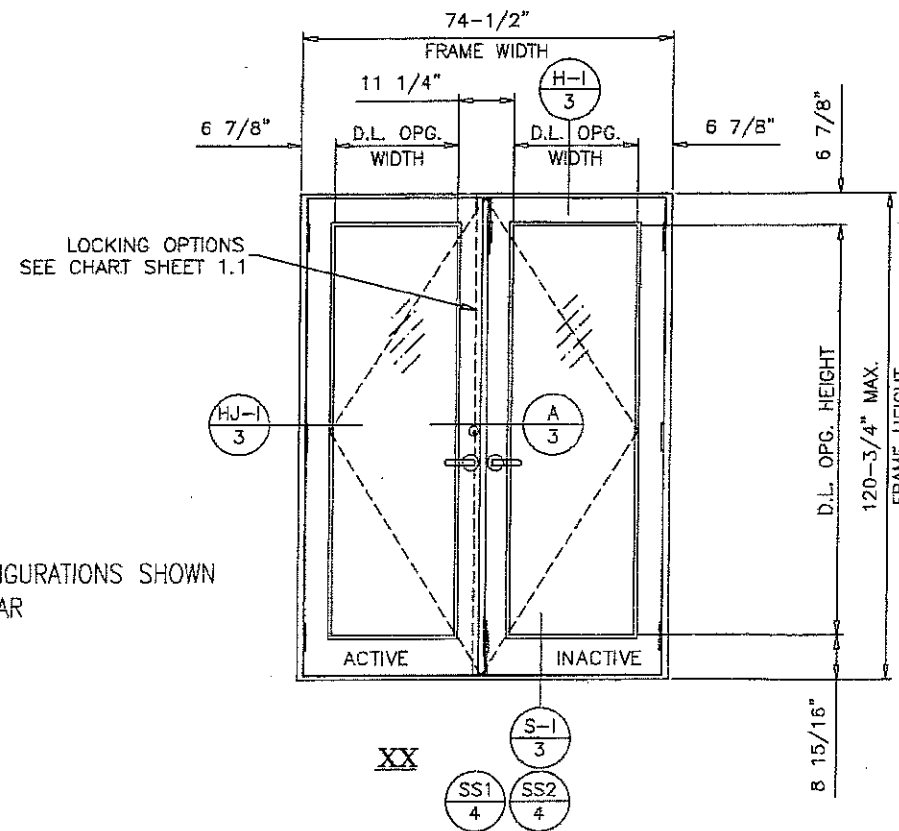
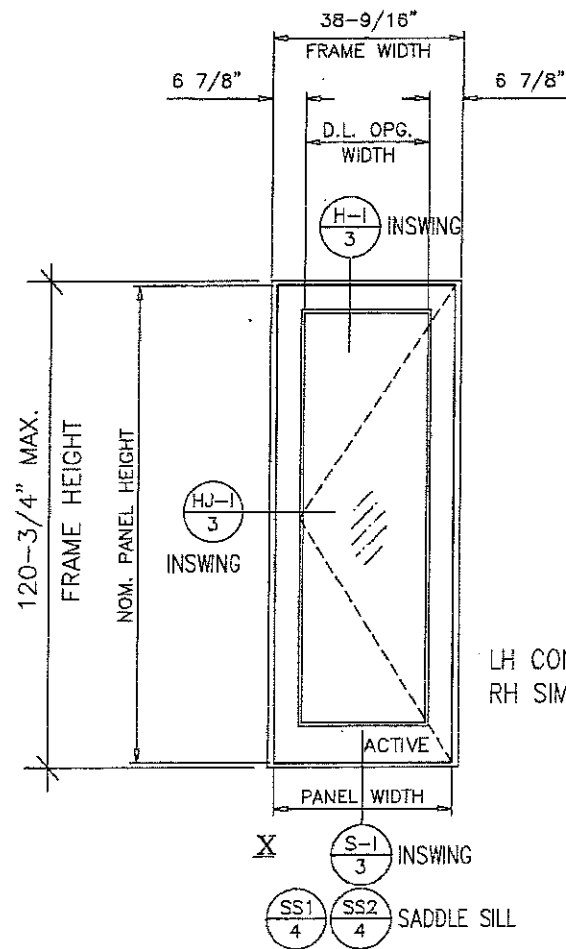
G. OTHER

1. This NOA revises NOA# 16-0329.03, expiring on 11/09/21.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-1011.11
Expiration Date: November 09, 2021
Approval Date: December 07, 2017

TYPICAL ELEVATIONS

SERIES 450 ALUMINUM INSWING GLAZED DOORS WITH OR WITHOUT SIDELITES



LEGEND

— I — INSWING DOOR DETAIL

□ — ITEM DESCRIPTION
(see sheet 2 of 7)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **17-1011.11**
Expiration Date **11/09/2021**
By *[Signature]*
Miami-Dade Product Control

FRAME HEIGHT = PANEL HEIGHT + 1-7/8" (STD. THRESHOLD)
FRAME HEIGHT = PANEL HEIGHT + 1-5/8" (ADA THRESHOLD)
FRAME WIDTH = PANEL WIDTH + 2.8125"

LH CONFIGURATIONS SHOWN
RH SIMILAR

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).

STEPS TO USE CHARTS
SEE SHEETS 6 & 7.

FRAME WIDTH (X)	FRAME WIDTH (XX)	DOOR/SIDELITE PANEL WIDTH	D.L. OPG. WIDTH
26-9/16"	50-1/2"	23-3/4"	12-3/4"
32-9/16"	62-1/2"	29-3/4"	18-3/4"
38-9/16"	74-1/2"	35-3/4"	24-3/4"
44-9/16"	86-1/2"	41-3/4"	30-3/4"

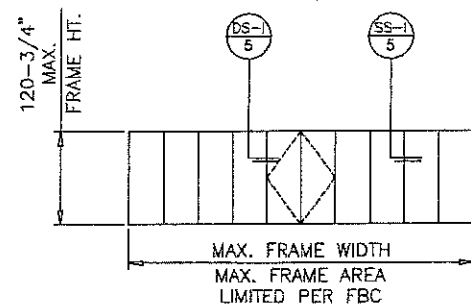
FRAME HEIGHT	DOOR/SIDELITE PANEL * HEIGHT	D.L. OPG. HEIGHT
82-3/4"	80-7/8"	67-3/8"
84-3/4"	82-7/8"	69-3/8"
90-3/4"	88-7/8"	75-3/8"
96-3/4"	94-7/8"	81-3/8"
102-3/4"	100-7/8"	87-3/8"
108-3/4"	106-7/8"	93-3/8"
114-3/4"	112-7/8"	99-3/8"
120-3/4"	118-7/8"	105-3/8"

* HEIGHTS FOR STD. THRESHOLD

STEPS TO USE CHARTS:

1. DETERMINE WIND LOAD BASED ON PROVISIONS OF 2014/2017 FLORIDA BLDG. CODE.
2. DETERMINE WATER INFILTRATION REQUIREMENTS BASED ON PROVISIONS OF FBC.
3. SELECT A DOOR SYSTEM I.E. INSWING AND TYPE OF THRESHOLD FROM SHEET 6 AND LOCK OPTIONS FROM SHEET 1.1.
4. CHECK THE ALLOWABLE EXTERIOR AND INTERIOR LOADS FROM APPROPRIATE CHARTS ON SHEETS 1.1, 5 & 6.
THE ALLOWABLE LOADS MUST MEET OR EXCEED THE DESIGN LOADS REQUIREMENTS.
5. SELECT AND CHECK ANCHORS TO MEET LOAD. (SEE SHEETS 7 & 7.1)
6. FOR MULLED SIDELITE REFER TO MULLION CAPACITY ON SHEET 5.
7. LOWER DESIGN PRESSURE FROM LOCKS CHART, THRESHOLD TYPE, PANEL PERFORMANCE CHART, MULLION PERFORMANCE CHART AND ANCHOR CAPACITY CHARTS AT MULLION AND MTG. STILE ENDS SHALL CONTROL THE ENTIRE SYSTEM.
8. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

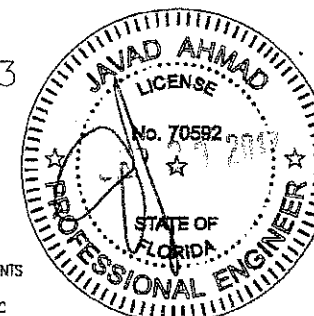
NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED
BY BUILDING OFFICIAL.



MULTIPLE SIDELITES W/
DOORS WITHIN TESTED FRAME
AREA ARE AVAILABLE
(SEE SHEET 6)
125 SQ. FT. TESTED
FRAME AREA

DWG. NO.: W06-73

revisions:
H 05.13.15 REV. PER RER COMMENTS
I 03.21.16 NOTE ADDED
J 09.21.17 UPDATED TO 2017 FBC



CGI
Windows and Doors, Inc.
10100 northwest 25 street miami, florida 33172

product : Series 450 INSWING Doors & Sidelites
date : 10-27-06 sheet 1 of 7

TYPICAL ELEVATIONS

LOCK OPTIONS AND CAPACITY

FRAME HEIGHT	10A		10AA		10B		10C & 10CC		10 F	
	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
84-3/4"	90.0	90.0	100.0	110.0	100.0	110.0	65.0	65.0	100.0	110.0
96-3/4"	90.0	90.0	100.0	110.0	100.0	110.0	65.0	65.0	90.0	90.0
108-3/4"	-	-	100.0	110.0	100.0	110.0	-	-	90.0	90.0
120-3/4"	-	-	70.0	70.0	70.0	70.0	-	-	70.0	70.0

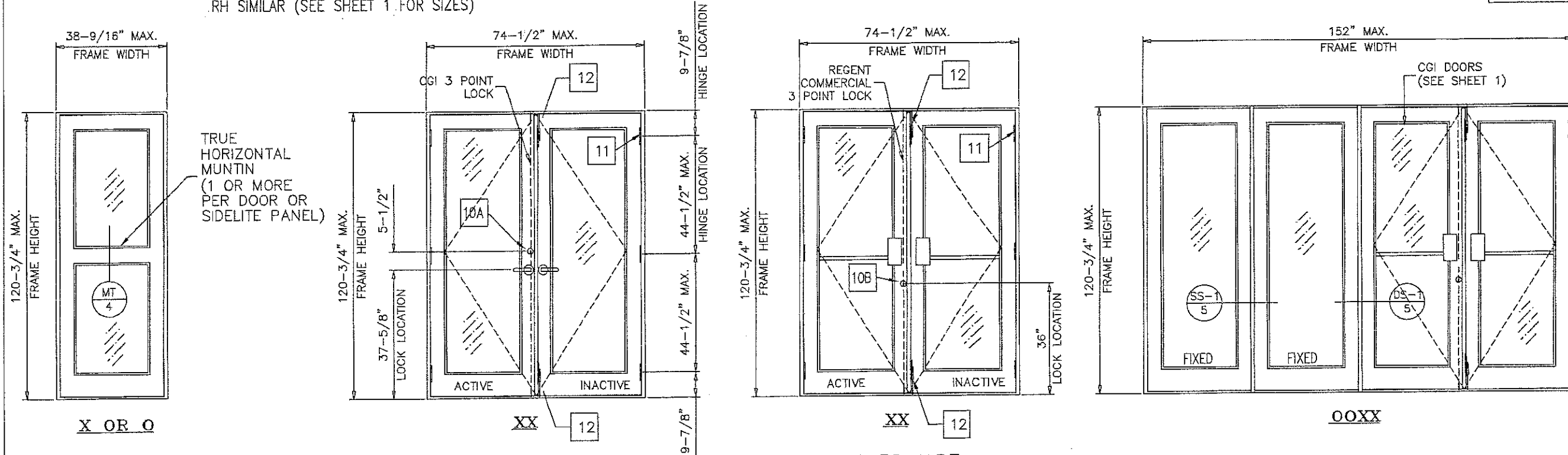
10A : COPPER CREEK W/ CGI 3 POINT
 10AA : BALDWIN W/ CGI 3 POINT
 10B : REGENT COMMERCIAL 3 POINT
 10C : BALDWIN SINGLE POINT LOCK
 10CC : COPPER CREEK SINGLE POINT LOCK
 10F : SURFACE MOUNTED LOCK

LEGEND

— | — INSWING DOOR DETAIL

□ — ITEM DESCRIPTION
(see sheet 2 of 7)

LH CONFIGURATIONS SHOWN
 RH SIMILAR (SEE SHEET 1 FOR SIZES)



OPTIONAL TRUE MUNTINS
 DOOR OR SIDELITE

RESIDENTIAL HARDWARE

COMMERCIAL HARDWARE

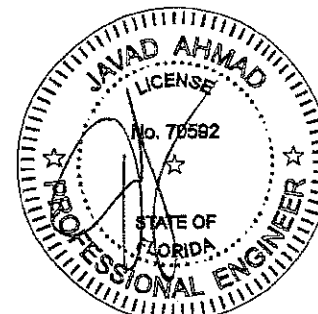
HINGE LOCATIONS		
MAX. FRAME HEIGHT	NO. REQD.	MAX. SPACING
UPTO 90-3/4'	3	35 1/2'
ABOVE 90-3/4' UPTO 120-3/4'	4	44 1/2'

DOORS WITH 3 HINGES LIMITED TO 100 PSF

FRAME HEIGHT = PANEL HEIGHT + 1-7/8" (STD. THRESHOLD)
 FRAME HEIGHT = PANEL HEIGHT + 1-5/8" (ADA THRESHOLD)
 FRAME WIDTH = PANEL WIDTH + 2-3/4"

HARDWARE DESCRIPTION

SEP 29 2007



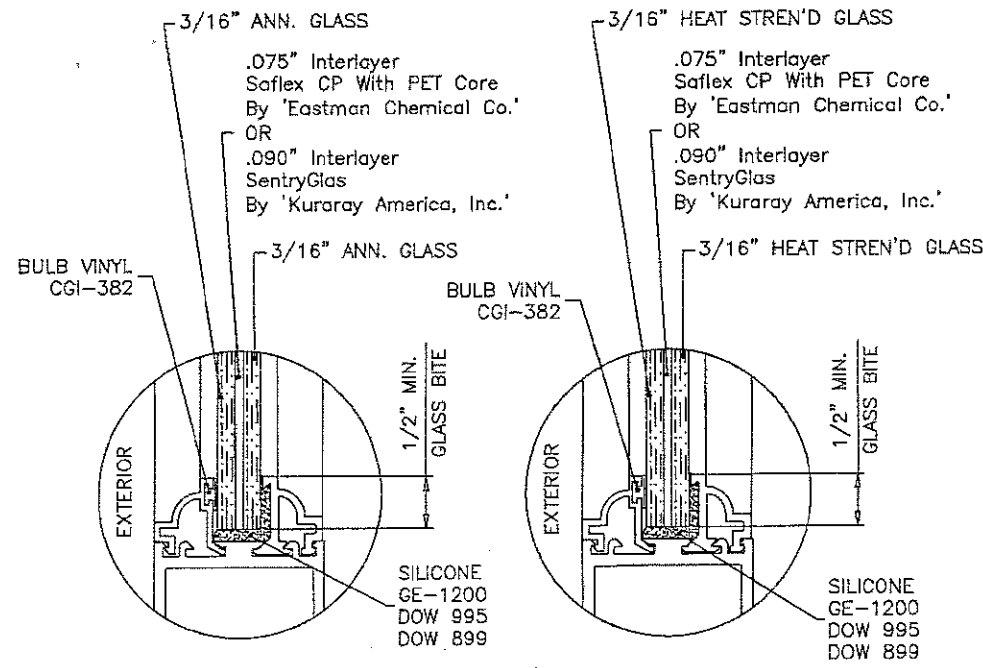
PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 17-1011.11
 Expiration Date 11/09/2021
 By *[Signature]*
 Miami-Dade Product Control

revisions:
 H 05.13.15 REV. PER RER COMMENTS
 I 03.21.16 NO CHANGE THIS SHEET
 J 09.21.17 NO CHANGE THIS SHEET

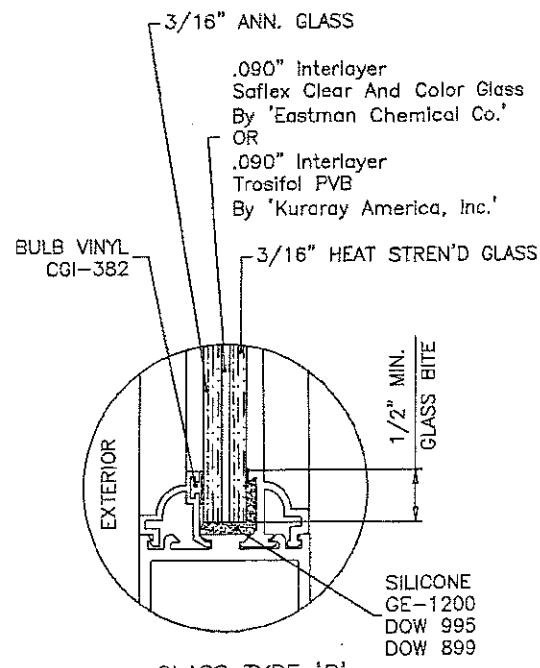
DWG. NO.: W06-73

CGI
 Windows and Doors, Inc.
 10100 northwest 25 street miami, florida 33172

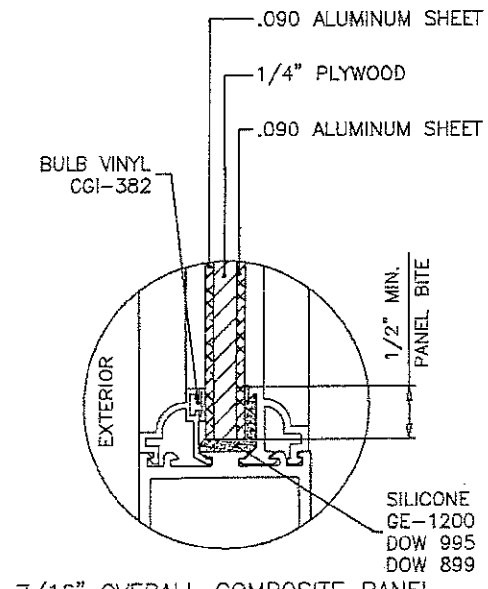
product : Series 450 INSWING Doors & Sidelites
 date : 10-27-06 sheet 1.1 of 7



GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

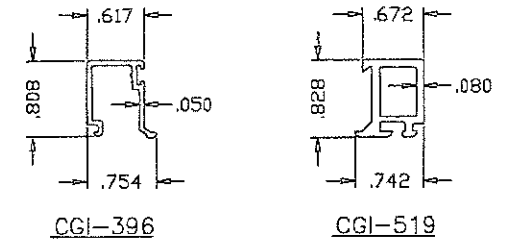
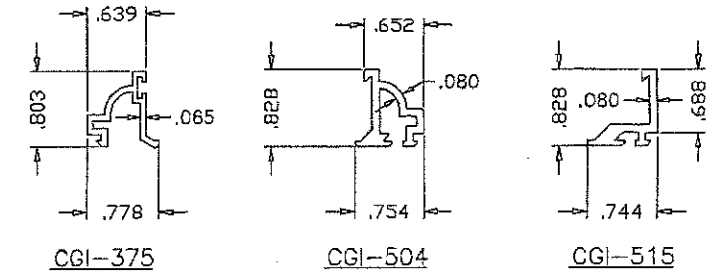


GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

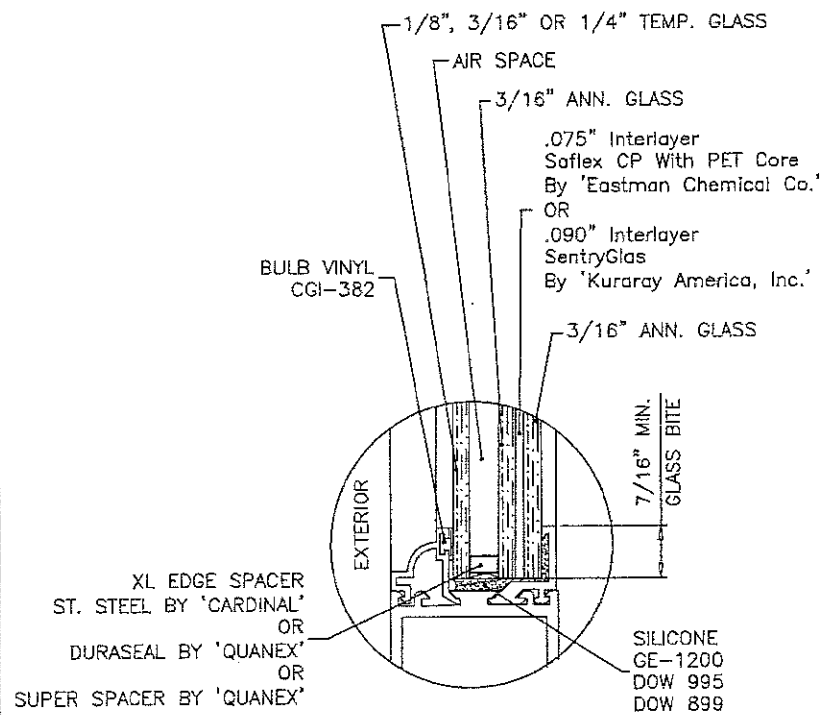


7/16" OVERALL COMPOSITE PANEL

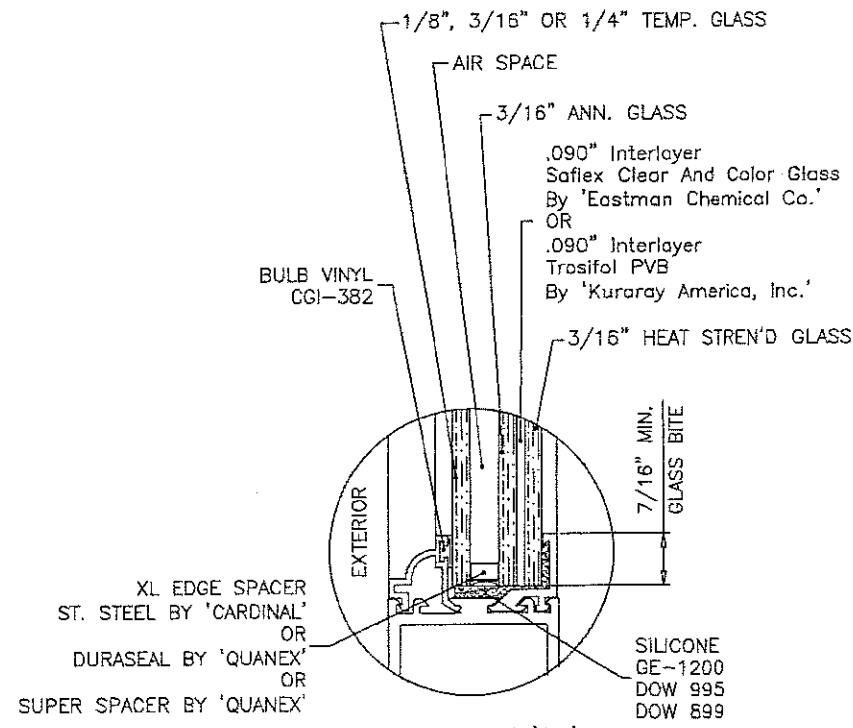
GLAZING STOP OPTIONS



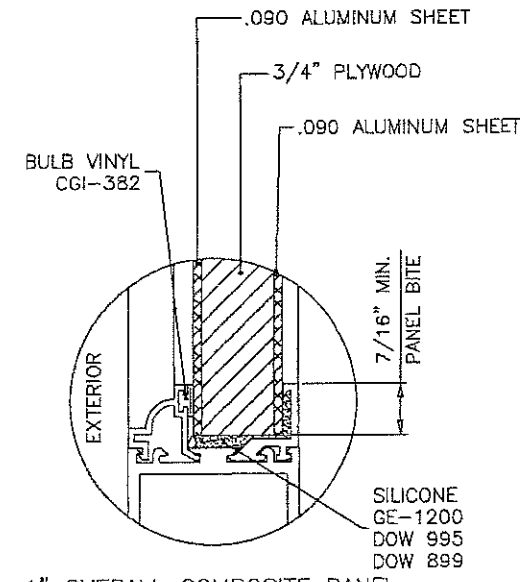
DOORS AND SIDELITES CAN BE GLAZED USING SQUARE OR OGEE GLAZING BEADS/ADAPTERS



GLASS TYPE 'A1'
1" OVERALL INSUL. LAM. GLASS



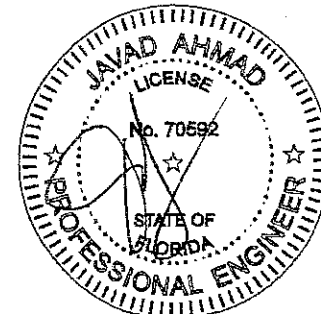
GLASS TYPE 'B1'
1" OVERALL INSUL. LAM. GLASS



1" OVERALL COMPOSITE PANEL

revisions:
H 05.13.15 NO CHANGE THIS SHEET
I 03.21.15 INSUL. GLASS REV.
J 09.21.17 INTERLAYER RENAMED

SEP 29 2017



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 17-1011.11
Expiration Date 11/09/2021
By *[Signature]*
Miami-Dade Product Control

DWG. NO.: W06-73



Windows and Doors, Inc.
10100 northwest 25 street miami, florida 33172

product : Series 450 INSWING Doors & Sidelites

date : 10-27-06 sheet 1.2 of 7

GLAZING OPTIONS

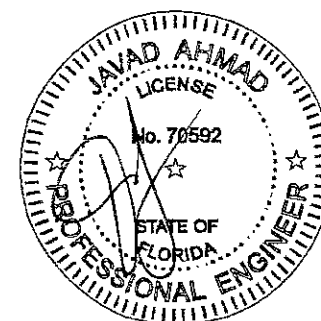
BILL OF MATERIALS

ITEM	DESCRIPTION
1	#12 X 1 1/4" HEX HEAD S/S SMS (3 PER CORNER CONNECTION)
2A	3/8-16 FULLY THREADED CONTINUOUS ROD
2B	3/8-16 HEX NUT
2C	1 1/2" X 1 1/2" X 3/16" THK. ALUMINUM PLATE
3	SHEAR CLIP (EXT. NO. 506)
4	DOUBLE 9/32" DIA. JAMB INSTLL. HOLES AT 6" FROM ENDS & 24" O.C. MAX.
5	9/32" DIA. HEAD & SILL INSTLL. HOLES AT 6" FROM ENDS, 3 @ CENTER OF PAIRS SPACED 6" O.C. & 24" O.C. MAX.
6	#10 X 1" PH-PH-SS TEKS SCREW, @ 3" & 7" FROM ENDS & 19-3/8" O.C. MAX.
7	#14 X 3/4" HEX HEAD S/S TEKS SCREW AT 6" FROM ENDS & 24 3/16" O.C. MAX.
8	.320 HIGH WOOL PILE WITH CENTER FIN (ULTRAFAB # 3032)
9	.350 HIGH FOAM-TITE WEATHERSEAL (AMESBURY # 32011)
10	ACTIVE PANEL LOCK OPTIONS (SEE SHEET 1.1 FOR LIMITS)
10A	CGI CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) CGI CUSTOM END BOLTS (TOP & BOTTOM), ATTACHED WITH #10 X 3/4" PH SMS, (1) CGI CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY COPPER CREEK SERIES E MODEL D82410.
10AA	CGI CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) CGI CUSTOM END BOLTS (TOP & BOTTOM), ATTACHED WITH #10 X 3/4" PH SMS, (1) CGI CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY BALDWIN SERIES 8200, KWIKSET 780.
10B	REGENT COMMERCIAL 2222 THREE POINT LOCK MECHANISM WITH MORTISE LOCK.
10C	SINGLE POINT LOCK (1) DEADBOLT BY BALDWIN SERIES 8200.
10CC	SINGLE POINT LOCK (1) DEADBOLT BY COPPER CREEK SERIES D82410.
10F	CGI CUSTOM SURFACE MOUNTED SLIDE BOLTS WITH CGI END BOLTS AT ACTIVE LEAF (AT TOP & BOTTOM) WITH BALDWIN SERIES 8200 DEAD BOLT.

11	HAGER 4 1/2" X 4" HINGE IN SOLID BRASS OR STAINLESS STEEL CGI 4-1/2" X 4" HINGE IN ALUMINUM SECURED WITH (8) #12-24 X 1/2" F.H. M.S. (3 PER PANEL UP TO 7'-6 3/4" HIGH) (4 PER PANEL OVER 7'-6 3/4")
12	CGI FLUSHBOLT AT TOP & BOTTOM OF INACTIVE LEAF, HOUSING ATTACHED TO PANEL STILE WITH #10 X 3/4" PH SMS, ACTIVATOR ATTACHED WITH #8 X 1/2" PH SMS.
13	SEE SHEET 1.2 FOR GLAZING OPTIONS
14	SILICONE GE-1200, DOW 995, DOW 899
17	1/2" X 1/2" CONTINUOUS CLOSED CELL FOAM TAPE WITH ONE SIDE ADHESIVE
18	PLASTIC WEEP BAFFLE
19	7/8" X 5" X 1/8" THK. CONTINUOUS ALUMINUM SILL ANGLE ADAPTOR

EXT. = EXTRUSION LIST 500A, 501, 502, 503, 504, 507, 509, 510, 514, 515, 519, 539, & 540 ALL EXTRUSIONS ARE 6063-T6.
375, 396, 505, 508, 511 EXTRUSIONS ARE 6063-T5.

SEP 29 2017



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **17-1011.11**
Expiration Date **11/09/2021**
By *[Signature]*
Miami-Dade Product Control

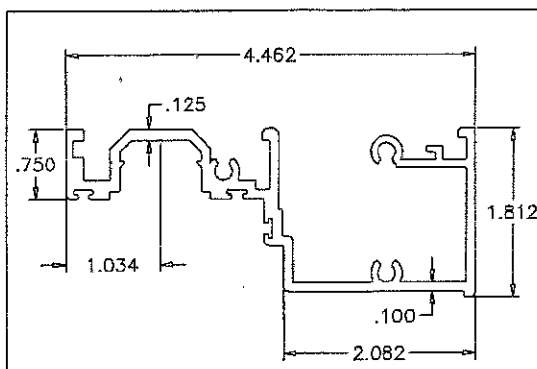
revisions:
H 05.13.15 NO CHANGE THIS SHEET
I 03.21.16 NO CHANGE THIS SHEET
J 09.21.17 NO CHANGE THIS SHEET

DWG. NO.: W06-73

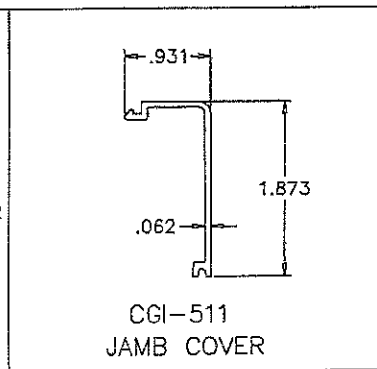


Windows and Doors, Inc.
10100 northwest 25 street miami, florida 33172

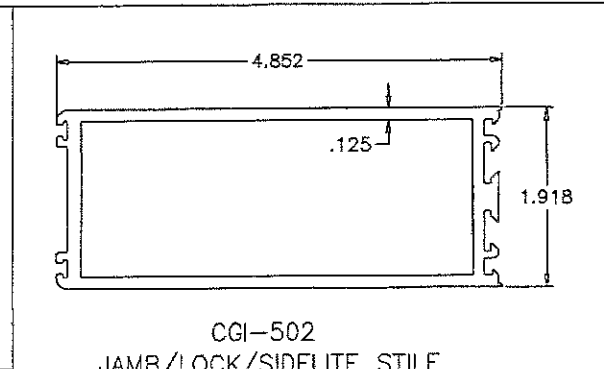
product : Series 450 INSWNG Doors & Sidelites
date : 10-27-06 sheet 2 of 7



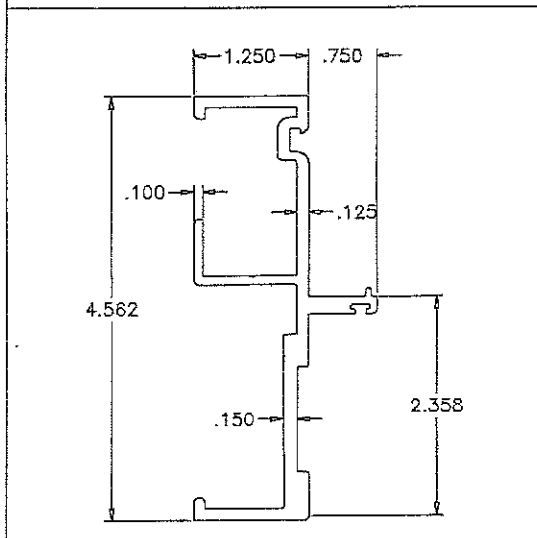
CGI-507
DOOR FRAME HEAD/SILL



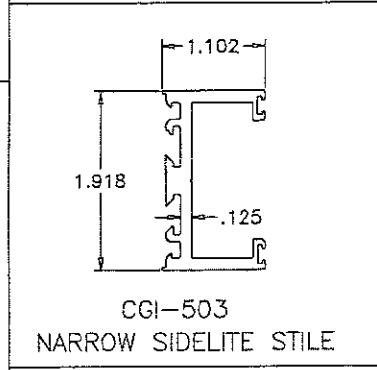
CGI-511
JAMB COVER



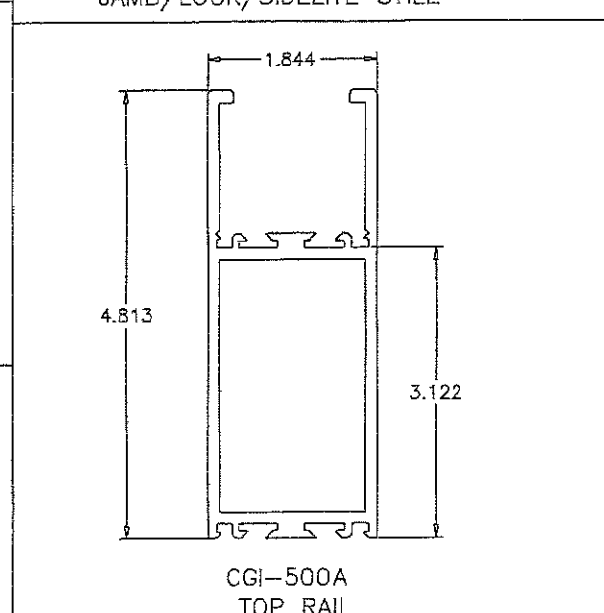
CGI-502
JAMB/LOCK/SIDELITE STILE



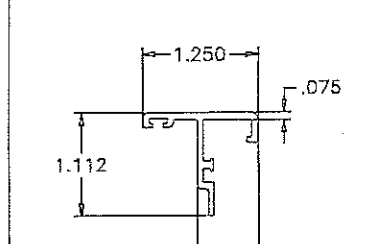
CGI-509
FRAME JAMB/MULLION



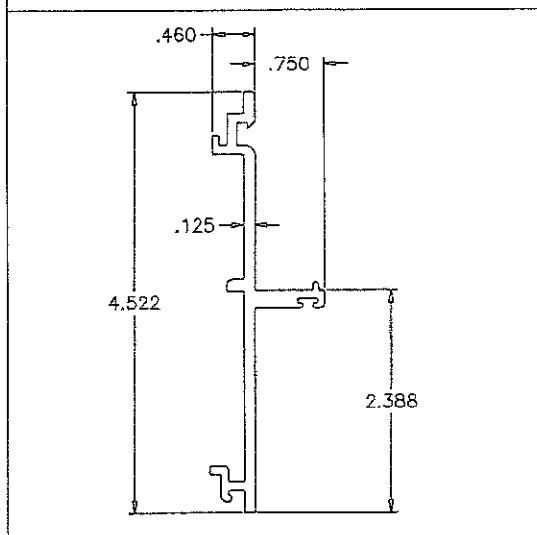
CGI-503
NARROW SIDELITE STILE



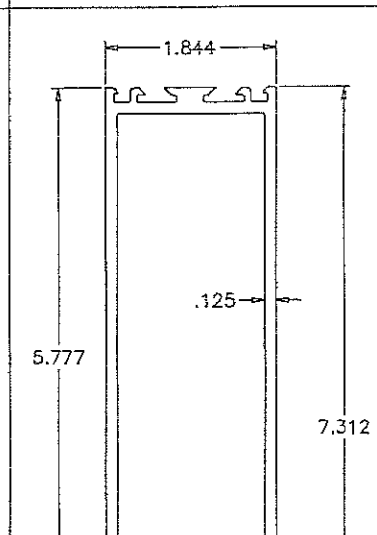
CGI-500A
TOP RAIL



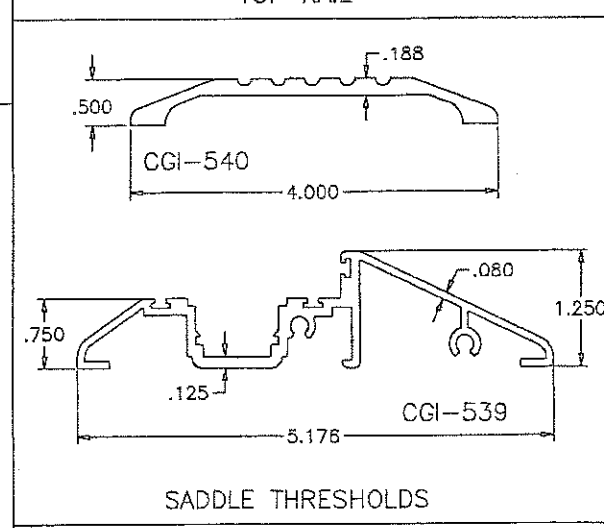
CGI-505
ASTRAGAL



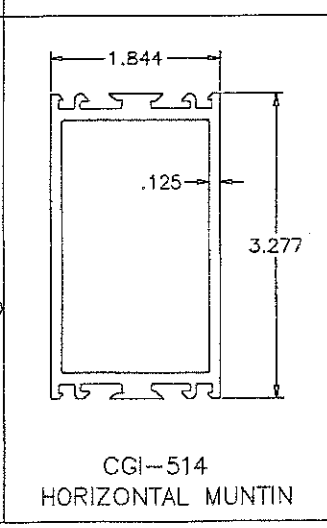
CGI-510
SIDELITE MULLION



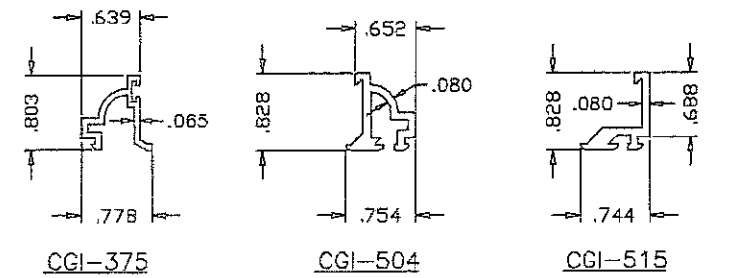
CGI-501
BOTTOM RAIL



SADDLE THRESHOLDS



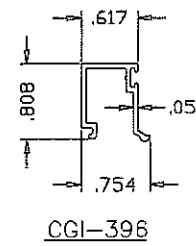
CGI-514
HORIZONTAL MUNTIN



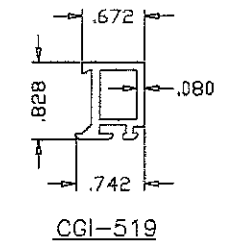
CGI-375

CGI-504

CGI-515



CGI-396

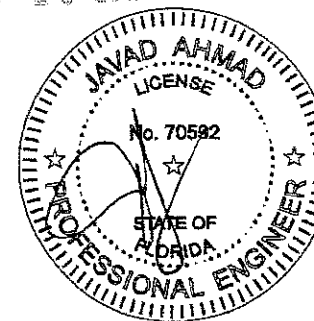


CGI-519

revisions:
H 05.13.15 NO CHANGE THIS SHEET
I 03.21.16 NO CHANGE THIS SHEET
J 09.21.17 NO CHANGE THIS SHEET

DWG. NO.: W06-73

SEP 29 2017



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NOA-No. 17-1011.11
Expiration Date 11/09/2021
By *[Signature]*
Miami-Dade Product Control

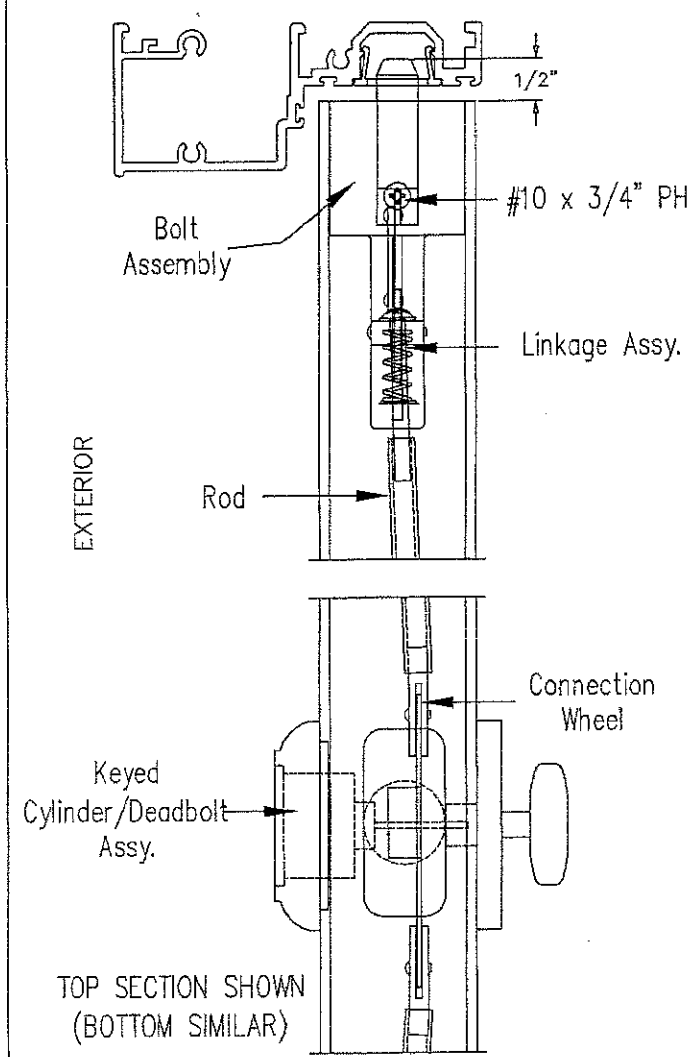


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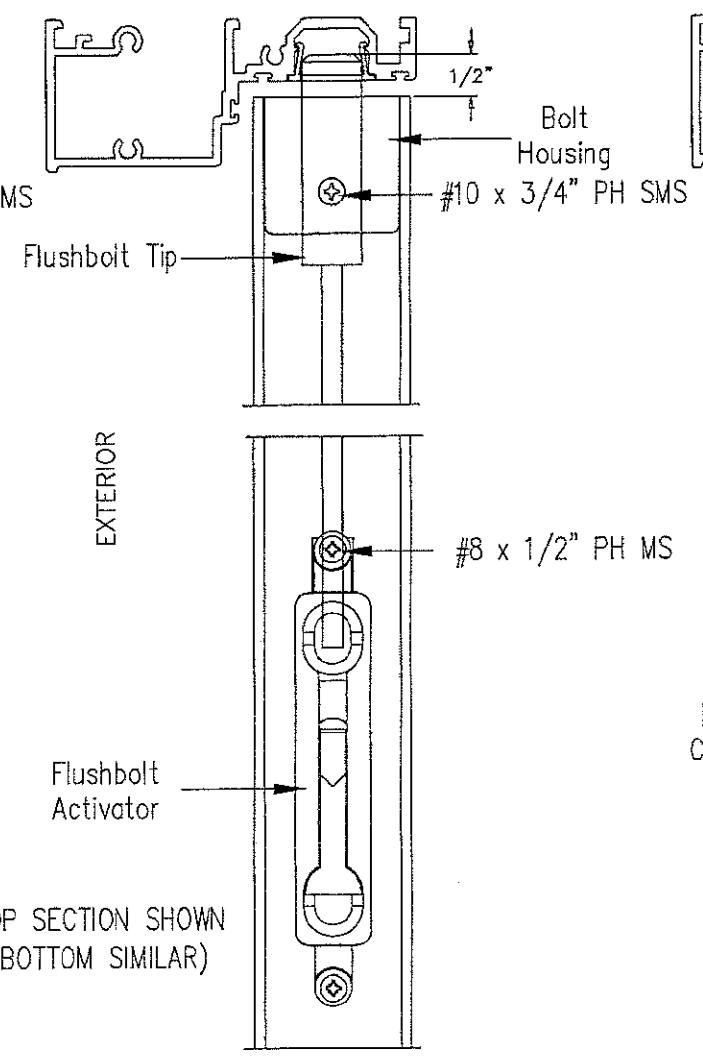
product : Series 450 INSWING Doors & Sidelites

date : 10-27-06

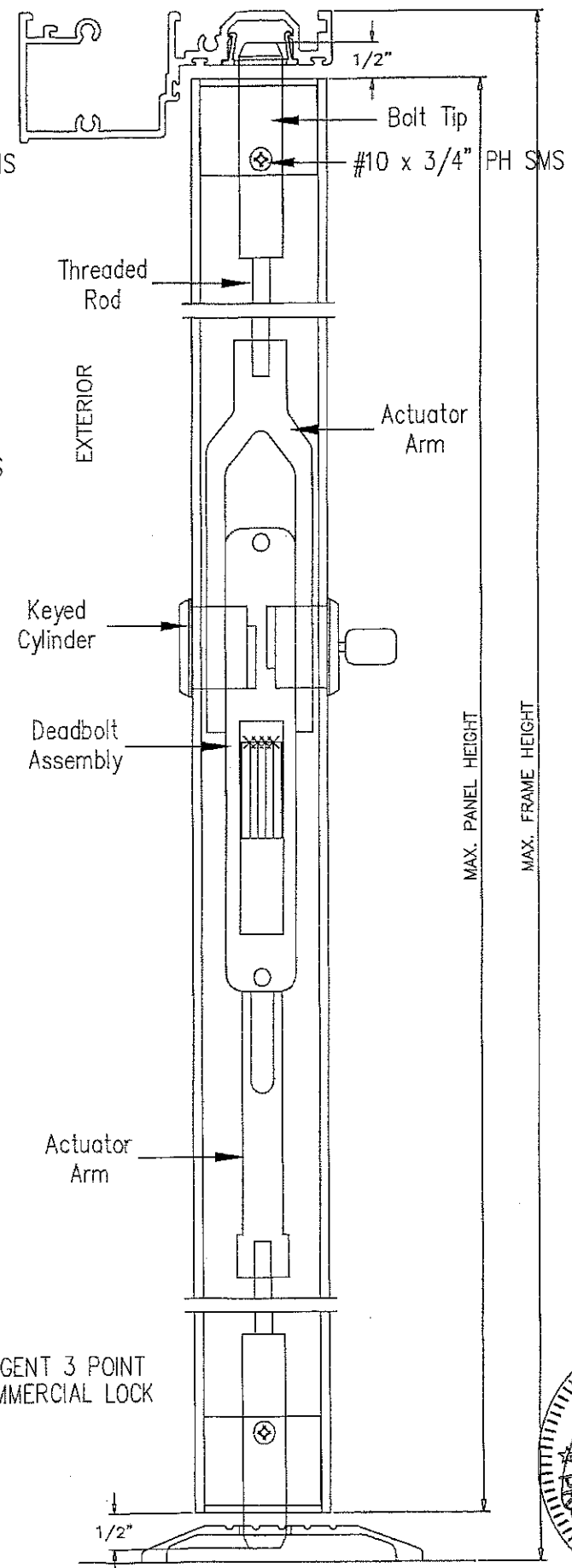
sheet 2.1 of 7



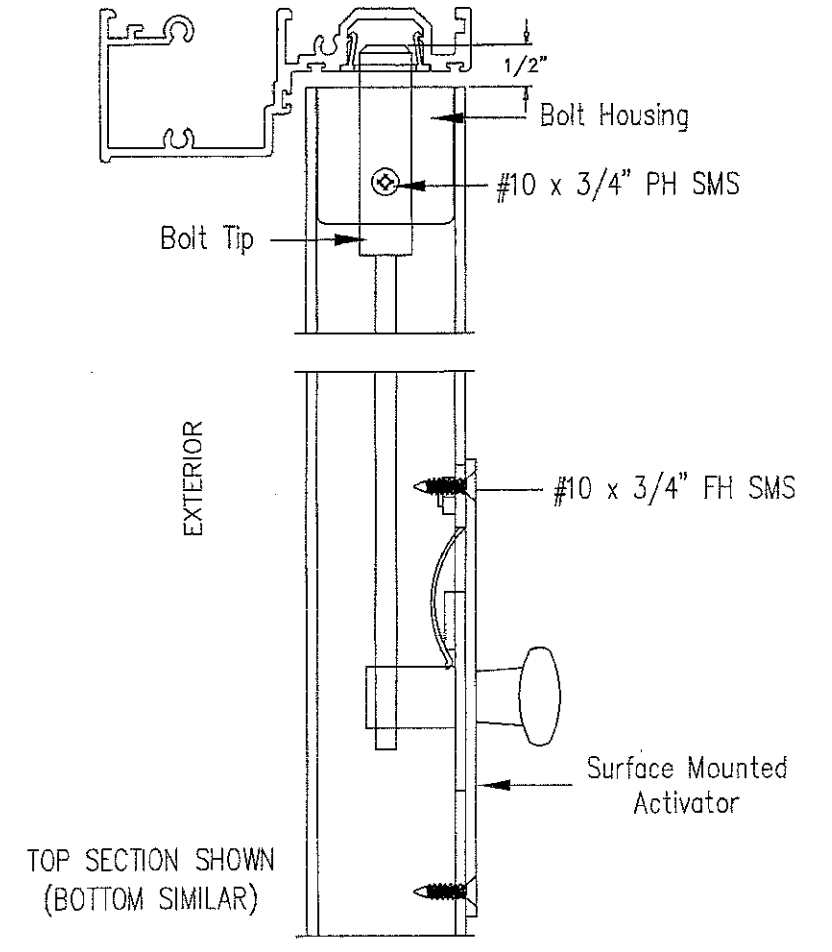
CGI CUSTOM 3-POINT LOCK



12 Flushbolts (Inactive Panel)



REGENT 3 POINT COMMERCIAL LOCK



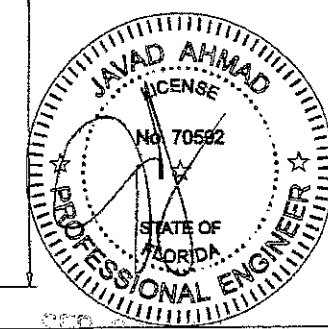
SURFACE MOUNT SLIDE BOLT WITH BALDWIN DEAD BOLT

TOP SECTION SHOWN (BOTTOM SIMILAR)

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 as complying with the Florida Building Code
 NOA-No. **17-1011.11**
 Expiration Date **11/09/2021**
 By *[Signature]*
 Miami-Dade Product Control

DWG. NO.: W06-73

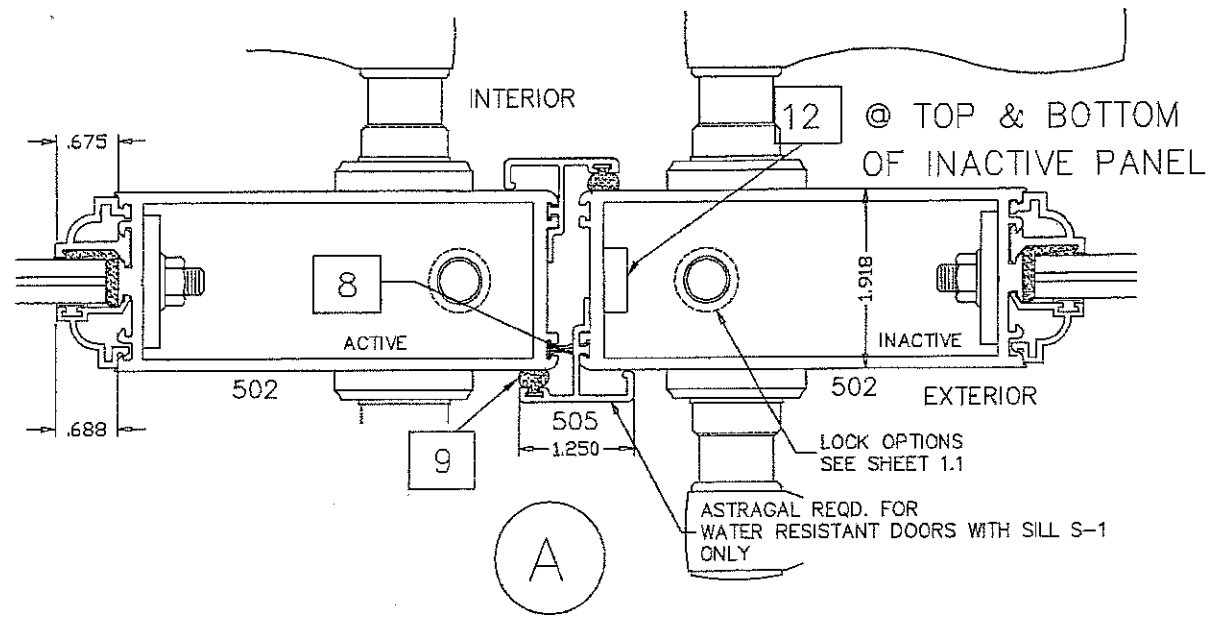
revisions:
 H 05.13.15 REV. PER RER COMMENTS
 I 03.21.16 NO CHANGE THIS SHEET
 J 09.21.17 NO CHANGE THIS SHEET



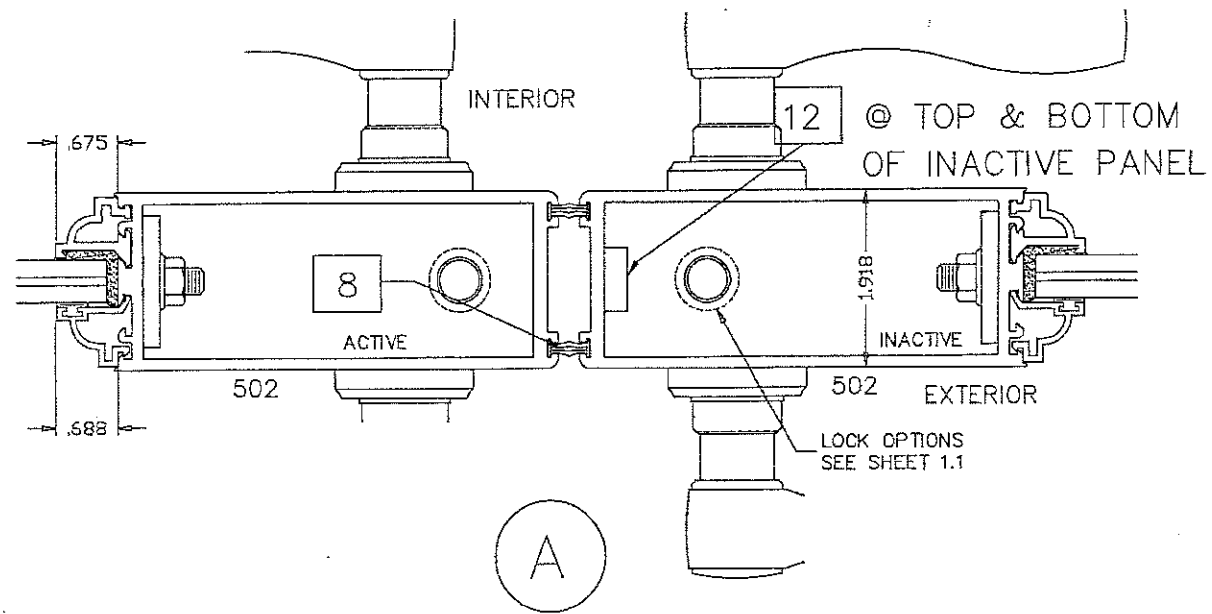
CGI
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 10100 northwest 25 street miami, florida 33172

product : Series 450 INSWING Doors & Sidelites	
date : 10-27-06	sheet 2.2 of 7

SEP 29 2017



LOCK STILES WITH WATER RESISTANCE



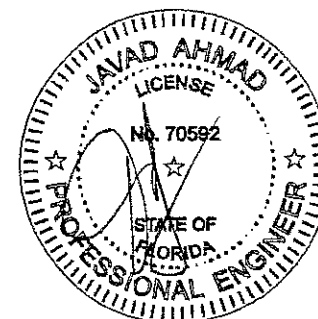
LOCK STILES WITHOUT WATER RESISTANCE

SEP 29 2017

revisions:

H	05.13.15	REV. PER RER COMMENTS
I	03.21.16	NO CHANGE THIS SHEET
J	09.21.17	NO CHANGE THIS SHEET

DWG. NO.: W06-73



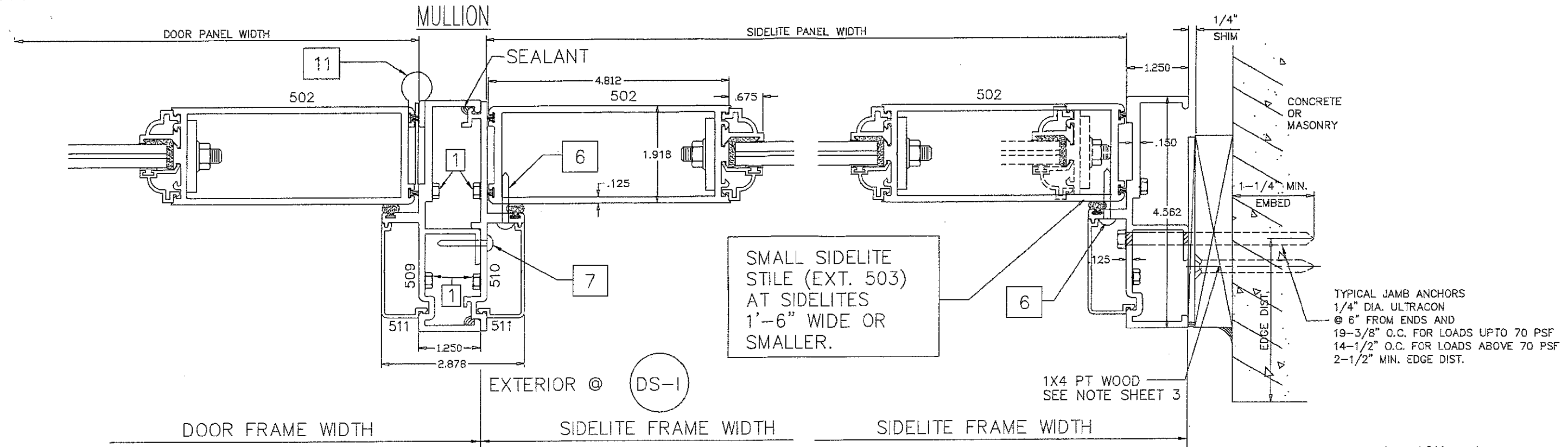
PRODUCT REVISED
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 By *[Signature]*
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Windows and Doors, Inc.
 10100 northwest 25 street miami, florida 33172

product : Series 450 INSWING Doors & Sidelites

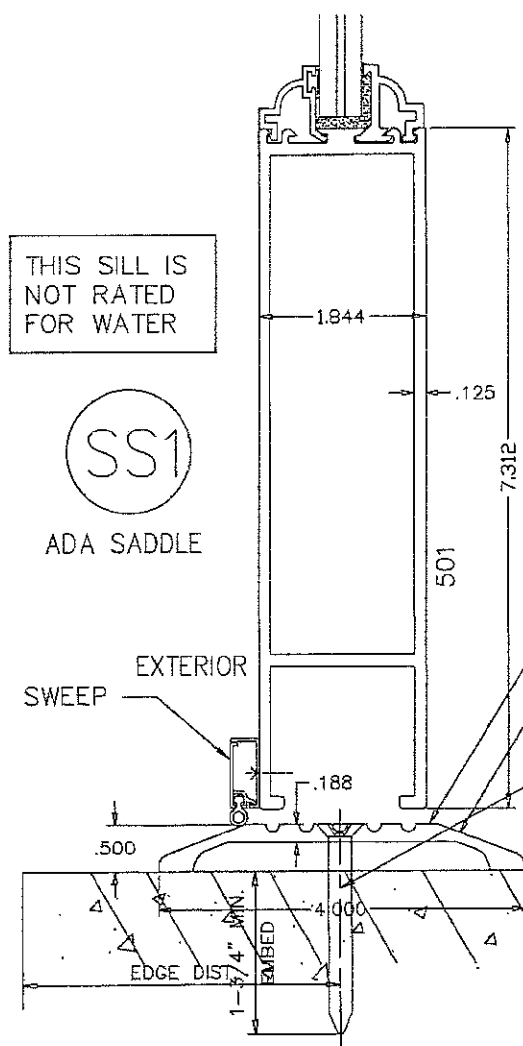
date : 10-27-06 sheet 3.1 of 7



SMALL SIDELITE STILE (EXT. 503) AT SIDELITES 1'-6" WIDE OR SMALLER.

TYPICAL JAMB ANCHORS
 1/4" DIA. ULTRACON
 @ 6" FROM ENDS AND
 19-3/8" O.C. FOR LOADS UPTO 70 PSF
 14-1/2" O.C. FOR LOADS ABOVE 70 PSF
 2-1/2" MIN. EDGE DIST.

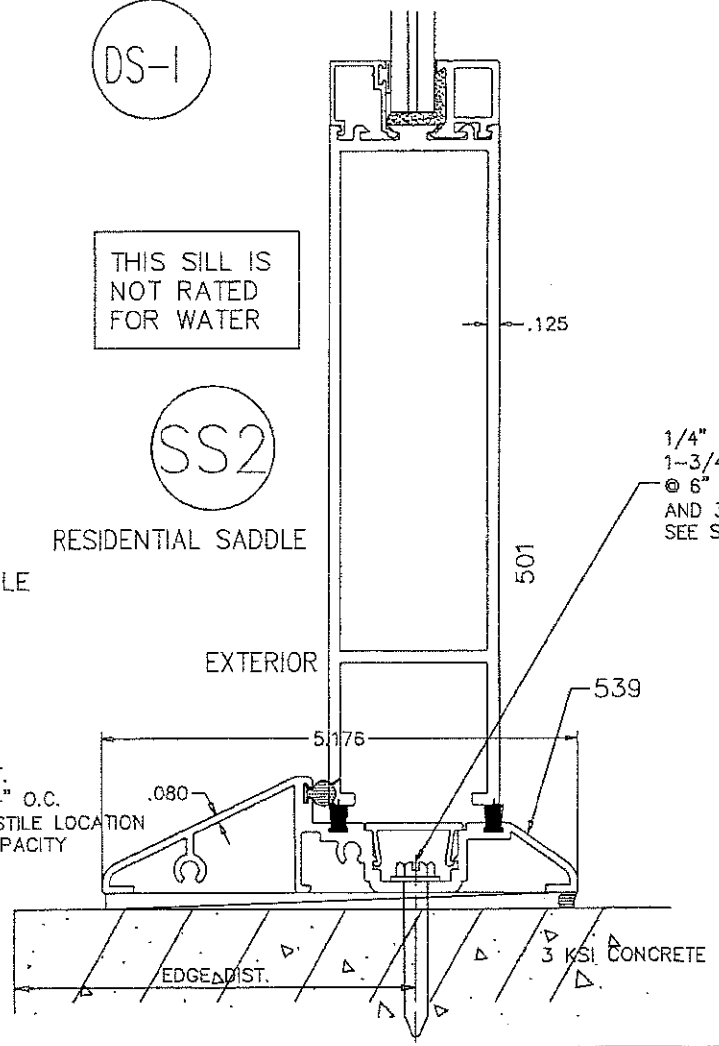
1X4 PT WOOD
 SEE NOTE SHEET 3



THIS SILL IS NOT RATED FOR WATER

SS1

ADA SADDLE



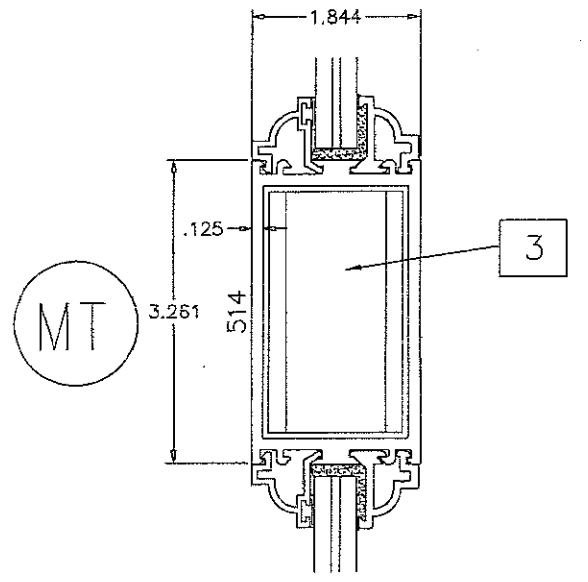
THIS SILL IS NOT RATED FOR WATER

SS2

RESIDENTIAL SADDLE

1/4" DIA. ULTRACON
 1-3/4" MIN. EMBED
 @ 6" FROM ENDS & 24" O.C.
 AND 3" O.C. AT MTG. STILE LOCATION
 SEE SHEET 7.1 FOR CAPACITY

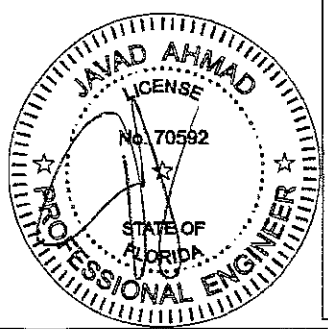
REFER TO SHEET 2 OF 7 FOR
 TYPICAL BILL OF MATERIALS
 SEP 29 2007



MT

revisions:
 H 05.131.15 REV. PER RER COMMENTS
 I 03.21.16 NO CHANGE THIS SHEET
 J 09.21.17 NO CHANGE THIS SHEET

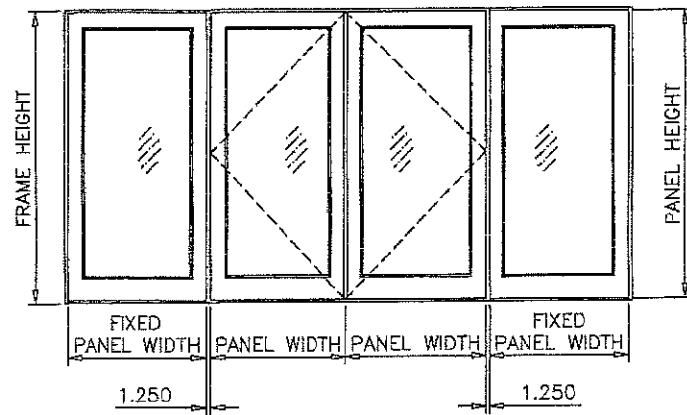
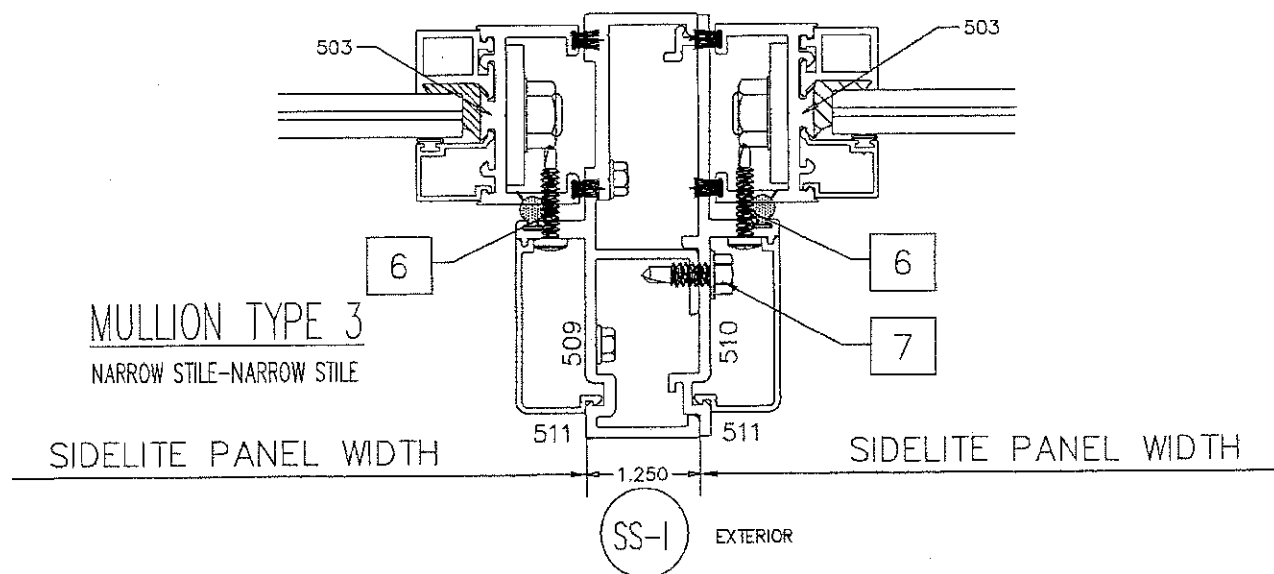
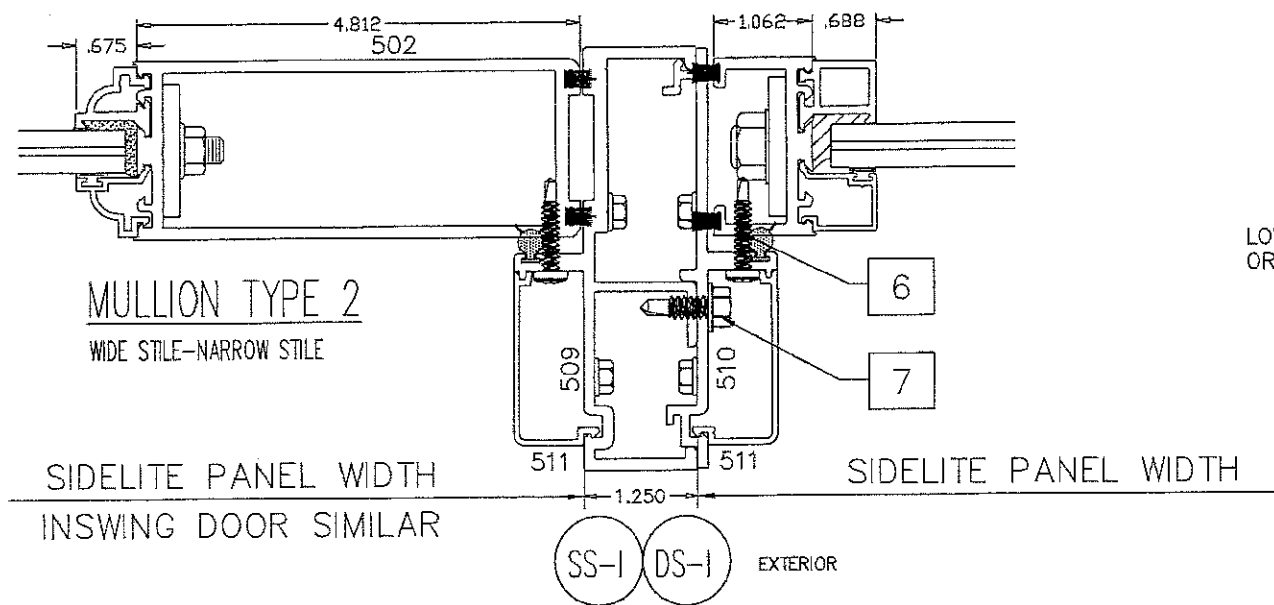
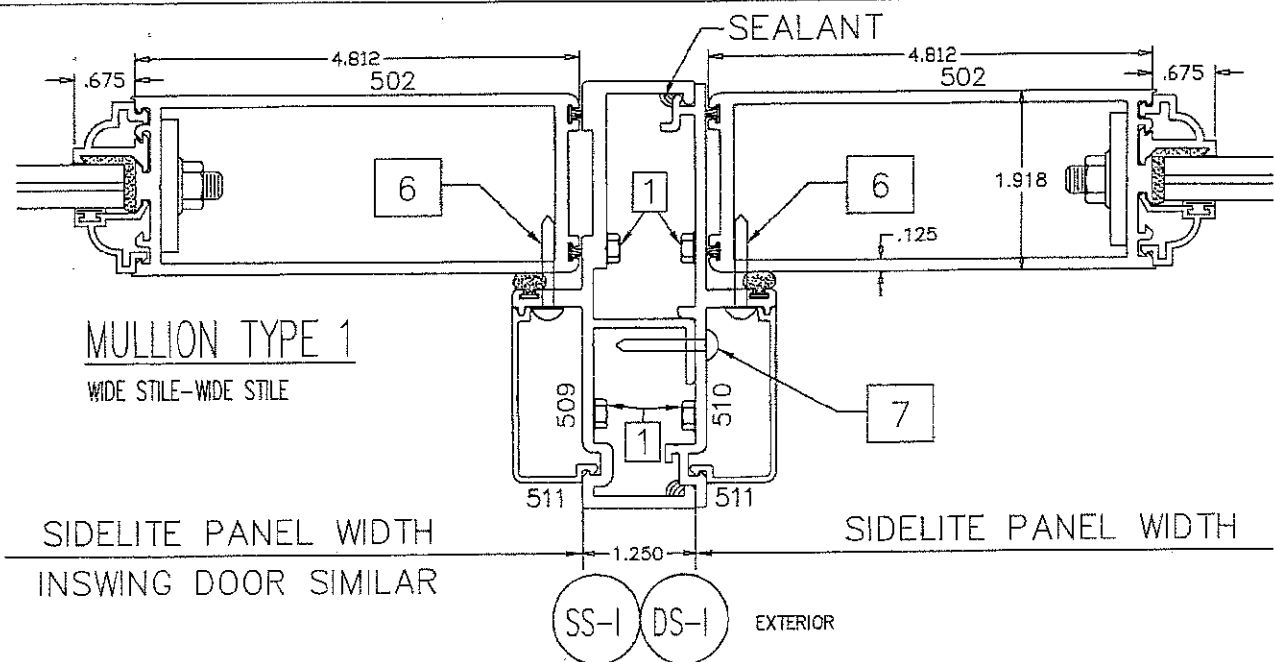
DWG. NO.: W06-73



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CGI
 Windows and Doors, Inc.
 10100 northwest 25 street miami, florida 33172

product : Series 450 INSWING Doors & Sidelites
 date : 10-27-06 sheet 4 of 7

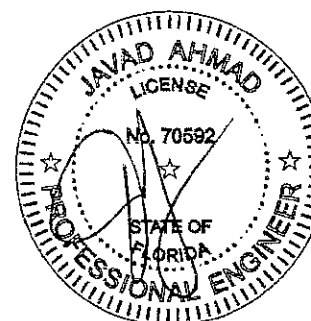


$$\text{WIDTH (W)} = \frac{\text{DOOR PANEL} + \text{FIXED PANEL}}{2} + 1.250$$

LOWER DESIGN LOAD FROM PANEL PERFORMANCE CHART ON SHEET 6 OR MULLION PERFORMANCE CHART ABOVE SHALL CONTROL

REFER TO SHEET 2 OF 7 FOR
TYPICAL BILL OF MATERIALS

SEP 29 2017



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revisions:
H 05.13.15 REV. PER RER COMMENTS
I 03.21.16 NO CHANGE THIS SHEET
J 09.21.17 CHART REV.

DWG. NO.: W06-73

MULLION PERFORMANCE CHART DESIGN LOAD CAPACITY - PSF							
NOMINAL DIMS.		MULL TYPE 1		MULL TYPE 2		MULL TYPE 3	
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
1/6 2/0 2/6 3/0 3/6	82-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	-	-
		100.0	110.0	100.0	110.0	-	-
		94.2	94.2	70.0	70.0	-	-
1/6 2/0 2/6 3/0 3/6	84-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	-	-
		100.0	110.0	100.0	110.0	-	-
		94.2	94.2	-	-	-	-
1/6 2/0 2/6 3/0 3/6	90-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	70.0	70.0
		100.0	110.0	100.0	110.0	-	-
		100.0	110.0	70.0	70.0	-	-
		94.2	94.2	-	-	-	-
1/6 2/0 2/6 3/0 3/6	96-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	70.0	70.0
		100.0	110.0	100.0	110.0	-	-
		100.0	110.0	-	-	-	-
		59.9	59.9	-	-	-	-
1/6 2/0 2/6 3/0 3/6	102-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	110.0	-	-
		100.0	110.0	99.1	99.1	-	-
		97.7	97.7	-	-	-	-
		59.9	59.9	-	-	-	-
1/6 2/0 2/6 3/0	108-3/4"	100.0	110.0	100.0	110.0	100.0	110.0
		100.0	110.0	100.0	103.0	-	-
		97.0	97.0	70.0	70.0	-	-
		81.9	81.9	-	-	-	-
		-	-	-	-	-	-
1/6 2/0 2/6 3/0	114-3/4"	70.0	70.0	70.0	70.0	100.0	110.0
		70.0	70.0	70.0	70.0	-	-
		70.0	70.0	-	-	-	-
		69.4	69.4	-	-	-	-
1/6 2/0 2/6 3/0	120-3/4"	70.0	70.0	70.0	70.0	70.0	70.0
		70.0	70.0	70.0	70.0	-	-
		70.0	70.0	-	-	-	-
		59.3	59.3	-	-	-	-

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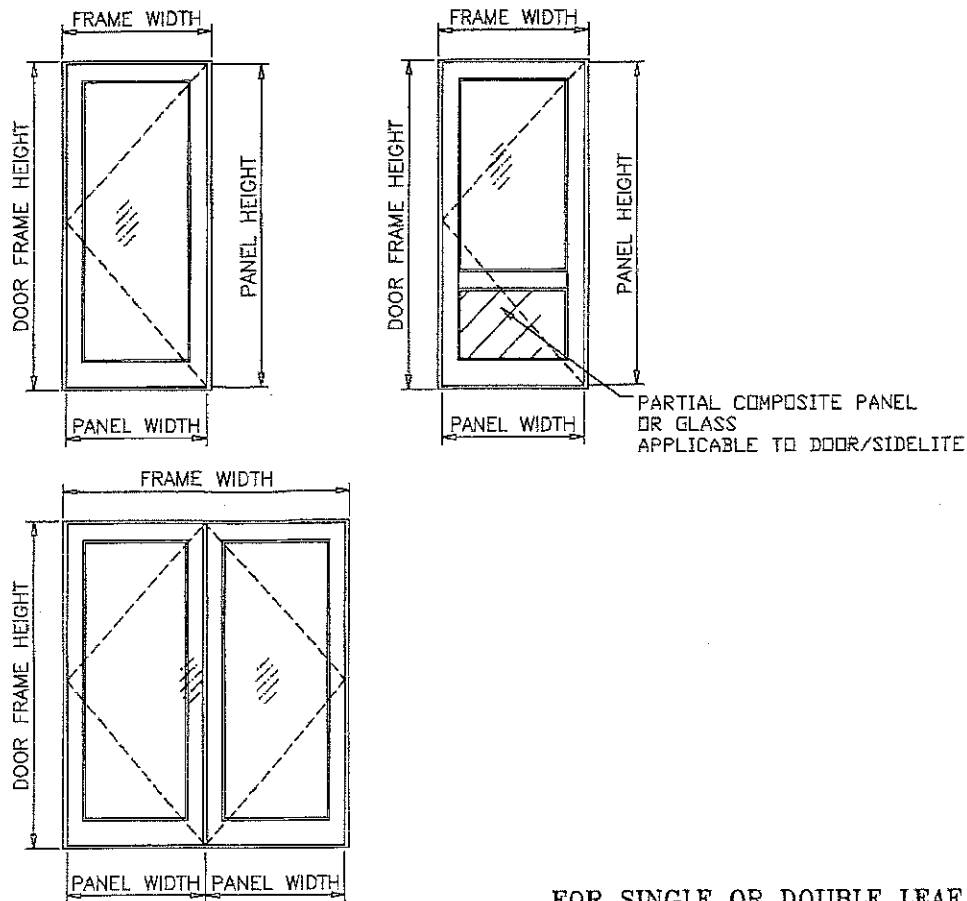
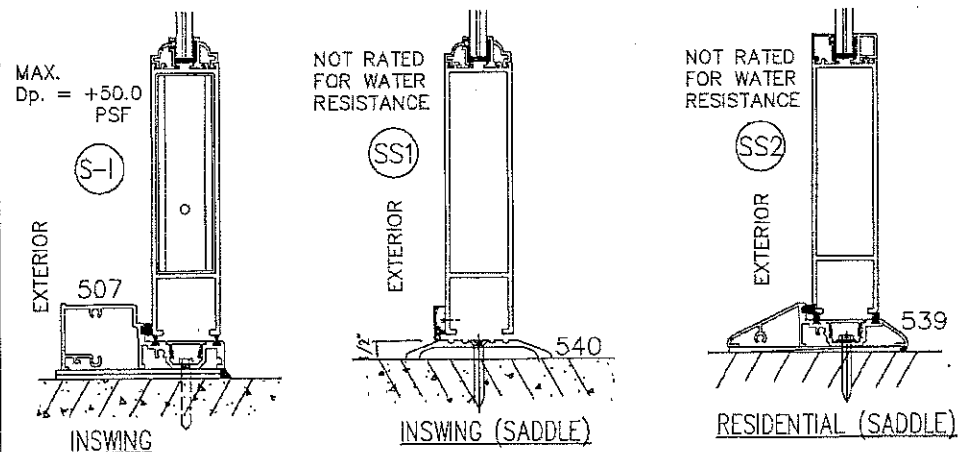
product : Series 450 INSWING Doors & Sidelites
date : 10-27-06 sheet 5 of 7

PANEL PERFORMANCE CHART FOR SINGLE & DOUBLE DOORS & SINGLE SIDELITES
(NARROW STILE SIDELITES LIMITED TO 18" OR LESS)
DESIGN LOAD CAPACITY - PSF

NOMINAL DIMS.			GLASS TYPE 'A' 7/16" COMPOSITE PANELS		GLASS TYPE 'A1'		GLASS TYPES 'B' & 'B1'	
FRAME WIDTH (X)	FRAME WIDTH (XX)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
26-9/16'	50-1/2'	82-3/4'	100.0	110.0	70.0	70.0	90.0	90.0
32-9/16'	62-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
38-9/16'	74-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
44-9/16'	86-1/2'		94.2	94.2	70.0	70.0	90.0	90.0
26-9/16'	50-1/2'	84-3/4'	100.0	110.0	70.0	70.0	90.0	90.0
32-9/16'	62-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
38-9/16'	74-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
44-9/16'	86-1/2'		94.2	94.2	70.0	70.0	90.0	90.0
26-9/16'	50-1/2'	90-3/4'	100.0	110.0	70.0	70.0	90.0	90.0
32-9/16'	62-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
38-9/16'	74-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
44-9/16'	86-1/2'		94.2	94.2	70.0	70.0	90.0	90.0
26-9/16'	50-1/2'	96-3/4'	100.0	110.0	70.0	70.0	90.0	90.0
32-9/16'	62-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
38-9/16'	74-1/2'		100.0	110.0	70.0	70.0	90.0	90.0
44-9/16'	86-1/2'		59.9	59.9	70.0 *	70.0 *	-	-
26-9/16'	50-1/2'	102-3/4'	100.0	110.0	70.0 *	70.0 *	-	-
32-9/16'	62-1/2'		100.0	110.0	70.0 *	70.0 *	-	-
38-9/16'	74-1/2'		100.0	110.0	70.0 *	70.0 *	-	-
44-9/16'	86-1/2'		59.9	59.9	70.0 *	70.0 *	-	-
26-9/16'	50-1/2'	108-3/4'	100.0	110.0	70.0 *	70.0 *	-	-
32-9/16'	62-1/2'		100.0	110.0	70.0 *	70.0 *	-	-
38-9/16'	74-1/2'		100.0	110.0	70.0 *	70.0 *	-	-
26-9/16'	50-1/2'	114-3/4'	70.0	70.0	70.0 *	70.0 *	-	-
32-9/16'	62-1/2'		70.0	70.0	70.0 *	70.0 *	-	-
38-9/16'	74-1/2'		70.0	70.0	70.0 *	70.0 *	-	-
26-9/16'	50-1/2'	120-3/4'	70.0	70.0	70.0 *	70.0 *	-	-
32-9/16'	62-1/2'		70.0	70.0	70.0 *	70.0 *	-	-
38-9/16'	74-1/2'		70.0	70.0	70.0 *	70.0 *	-	-

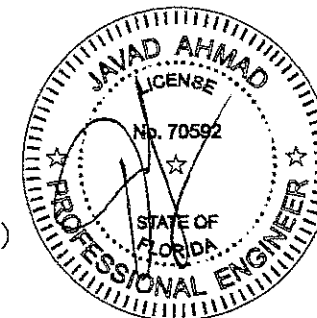
LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.
LIMIT EXT.(+) LOADS TO 50.0 PSF FOR THRESHOLD (S-1) WHERE WATER INFILTRATION RESISTANCE IS
REQUIRED. THRESHOLD (SS1) & (SS2) ARE NOT RATED FOR WATER INFILTRATION.

* GLASS LIMITED TO 8/0 DAYLITE OPENING. PANEL SIZES ABOVE 8/0 REQUIRE TRUE MUNTIN.



FOR SINGLE OR DOUBLE LEAF DOORS AND SINGLE SIDELITES CAPACITY
SEE CHART ON THIS SHEET
SEE BELOW FOR THRESHOLD TYPES
SEE SHEET 1.1 FOR LOCK CAPACITIES FOR SINGLE AND DOUBLE DOORS
SEE SHEET 5 FOR MULLION TYPES AND DESIGN LOAD CAPACITY
SEE CHART ON SHEET 7 FOR MULLION ANCHORS CAPACITY
SEE CHART ON SHEET 7.1 FOR MTG. STILE ANCHORS AT DOUBLE DOOR.
LOWEST VALUE FROM THESE CHARTS WILL APPLY TO ENTIRE ASSEMBLY.

SEP 29 2017



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

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9380 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W06-73CG

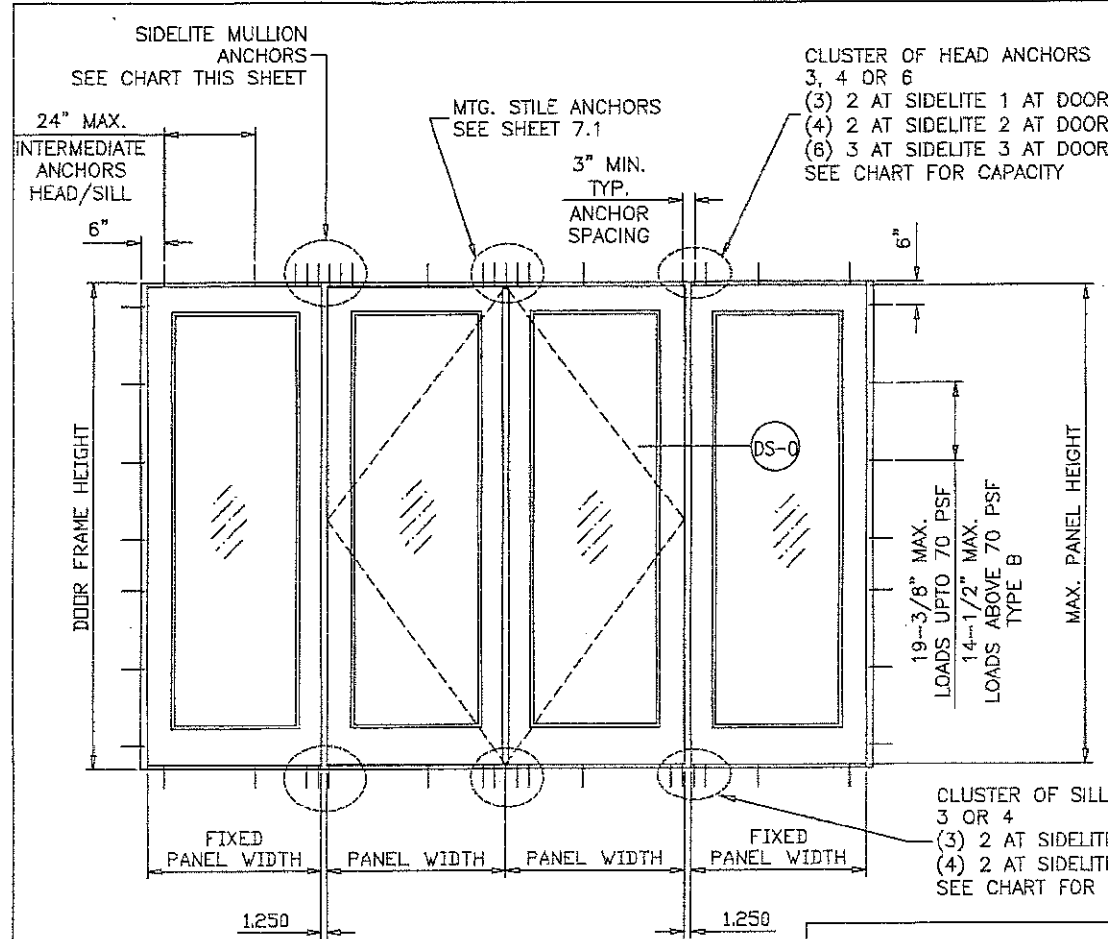
SERIES 450 INSWING DOOR AND SIDELITE
CGI Windows and Doors, Inc.
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

PRODUCT REVISED
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NOA-No. **17-1011.11**
Expiration Date **11/09/2021**
By
Miami-Dade Product Control

no.	date	description
H	06.13.15	REV. PER REVISIONS
I	03.21.16	NO CHANGE THIS SHEET
J	09.21.17	NO CHANGE THIS SHEET

date: 10-27-06
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W06-73
sheet 6 of 7



$$\text{WIDTH (W)} = \frac{\text{DOOR PANEL} + \text{FIXED PANEL}}{2} + 1.250$$

SIDELITE MULLION ANCHORS AS SHOWN IN DETAILS AND CHARTS
 INTERMEDIATE ANCHORS TO BE AT 6" FROM CORNERS
 AND 24" O.C. AT HEAD/SILL.

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Expiration Date 11/09/2021

By *[Signature]*
 Miami-Dade Product Control

MULLION ANCHORS AT SIDELITES

NOMINAL DIMS.		DESIGN LOAD CAPACITY-PSF					
		TYPE 'B' AT HEAD			TYPE 'C' AT HEAD		TYPE 'C' AT HEAD
		CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS	CLUSTER OF 6 ANCHORS	TYPE 'C' AT S-1 & SS2 SILL	CLUSTER OF 4 ANCHORS	TYPE 'D' AT SS1 SILL
WIDTH (W)	FRAME HEIGHT						
2/0	82-3/4'	106.7	110.0	110.0	110.0	110.0	110.0
2/6		86.2	110.0	110.0	110.0	110.0	110.0
3/0		72.3	96.4	110.0	109.3	110.0	101.0
3/6		62.3	83.0	110.0	94.2	110.0	87.0
2/0	84-3/4'	104.2	110.0	110.0	110.0	110.0	110.0
2/6		84.2	110.0	110.0	110.0	110.0	110.0
3/0		70.6	94.1	110.0	106.7	110.0	98.7
3/6		60.8	81.1	110.0	91.9	110.0	85.0
2/0	90-3/4'	97.3	110.0	110.0	110.0	110.0	110.0
2/6		78.6	104.8	110.0	110.0	110.0	109.8
3/0		65.9	87.9	110.0	99.7	110.0	92.1
3/6		56.8	75.7	110.0	85.9	110.0	79.4
2/0	96-3/4'	91.2	110.0	110.0	110.0	110.0	110.0
2/6		73.7	98.3	110.0	110.0	110.0	103.0
3/0		61.9	82.5	110.0	93.5	110.0	86.4
3/6		53.3	71.0	106.5	80.5	107.4	74.4
2/0	102-3/4'	85.9	110.0	110.0	110.0	110.0	110.0
2/6		69.4	92.6	110.0	104.9	110.0	97.0
3/0		58.2	77.7	110.0	88.0	110.0	81.4
3/6		50.2	66.9	103.3	75.8	101.1	70.1
2/0	108-3/4'	81.2	108.2	110.0	110.0	110.0	110.0
2/6		65.6	87.5	110.0	99.2	110.0	91.7
3/0		55.0	73.4	110.0	83.2	110.0	76.9
3/6		47.9	66.1	99.1	74.9	99.9	69.2
2/0	114-3/4'	76.9	102.6	110.0	110.0	110.0	107.5
2/6		62.2	82.9	110.0	94.0	110.0	86.9
3/0		52.2	69.5	104.3	78.8	105.1	72.9
3/6		45.2	61.5	99.1	71.8	99.9	66.2
2/0	120-3/4'	73.1	97.5	110.0	110.0	110.0	102.2
2/6		59.1	78.8	110.0	89.3	110.0	82.5
3/0		49.5	66.1	99.1	74.9	99.9	69.2
3/6		42.5	59.1	94.1	67.9	94.9	61.2

LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED. LIMIT EXT.(+) LOADS TO 50.0 PSF FOR THRESHOLD (S-) WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. THRESHOLD (SS1) & (SS2) ARE NOT RATED FOR WATER INFILTRATION.

FOR SINGLE OR DOUBLE LEAF DOORS AND SINGLE SIDELITES CAPACITY SEE CHART ON SHEET 6.
 SEE SHEET 1.1 FOR LOCK CAPACITIES FOR SINGLE AND DOUBLE DOORS
 SEE BELOW FOR THRESHOLD TYPES
 SEE SHEET 5 FOR MULLION TYPES AND DESIGN LOAD CAPACITY
 SEE CHART ON THIS SHEET FOR MULLION ANCHORS CAPACITY
 SEE CHART ON SHEET 7.1 FOR MTG. STILE ANCHORS AT DOUBLE DOOR.
 LOWEST VALUE FROM THESE CHARTS WILL APPLY TO ENTIRE ASSEMBLY.

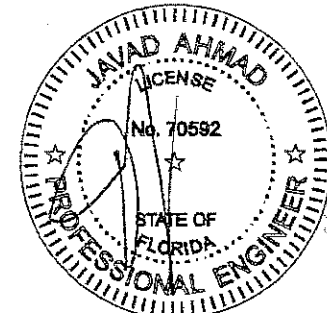
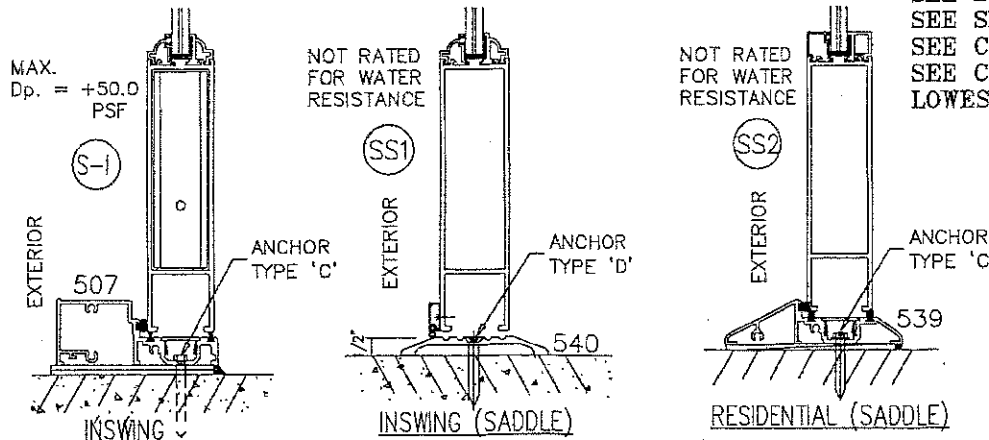
ANCHORS:

TYPE 'B'- 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 WOOD BUCKS INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE
 DIRECTLY INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE
 EDGE DISTANCES
 INTO CONCRETE = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

TYPE 'B'- 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 WOOD BUCKS INTO CONC./HOLLOW BLOCK
 1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY
 DIRECTLY INTO CONCRETE
 1-1/4" MIN. EMBED INTO CONCRETE
 EDGE DISTANCES
 INTO CONCRETE = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

TYPE 'C'- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE
 1-3/4" MIN. EMBED INTO CONC.
 EDGE DISTANCES
 INTO CONCRETE = 2-1/2" MIN.

TYPE 'D'- 5/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 DIRECTLY INTO CONCRETE
 1-3/4" MIN. EMBED INTO CONC.
 EDGE DISTANCES
 INTO CONCRETE = 2-1/2" MIN.
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

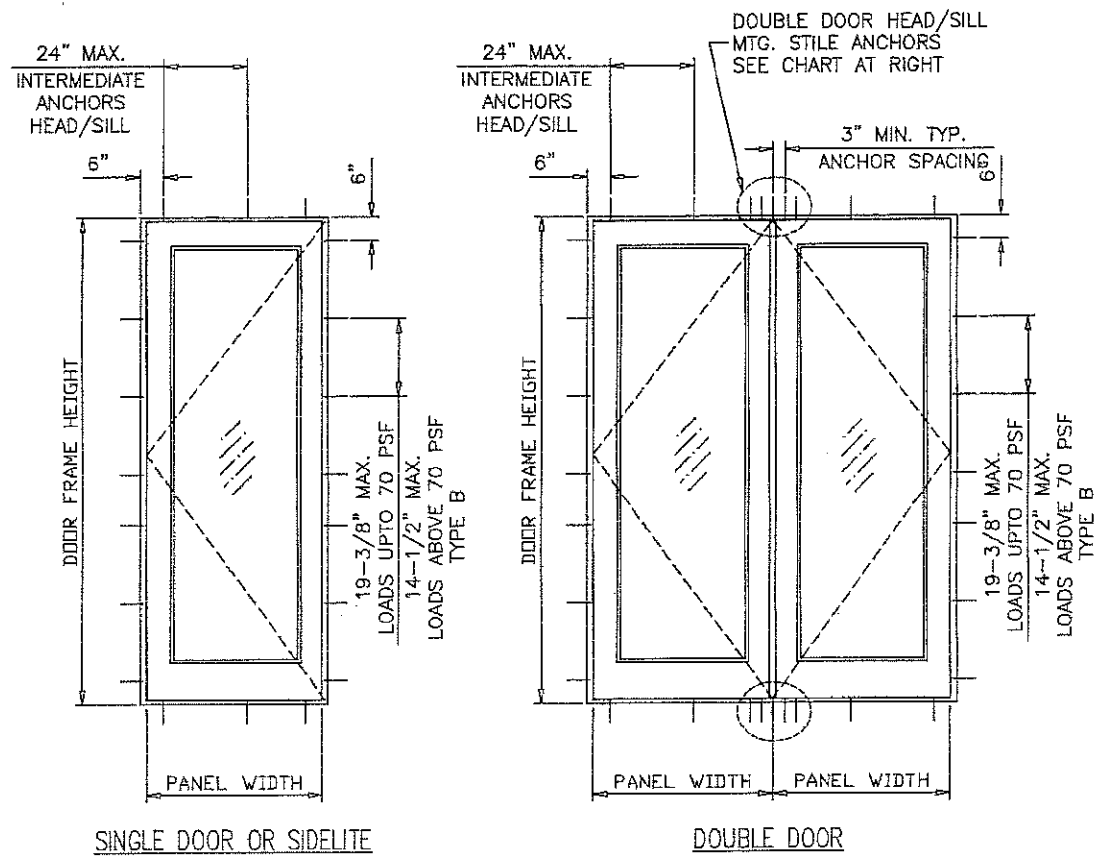


AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.Y. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 450 INSWING DOOR AND SIDELITE
 CGI Windows and Doors, Inc.
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

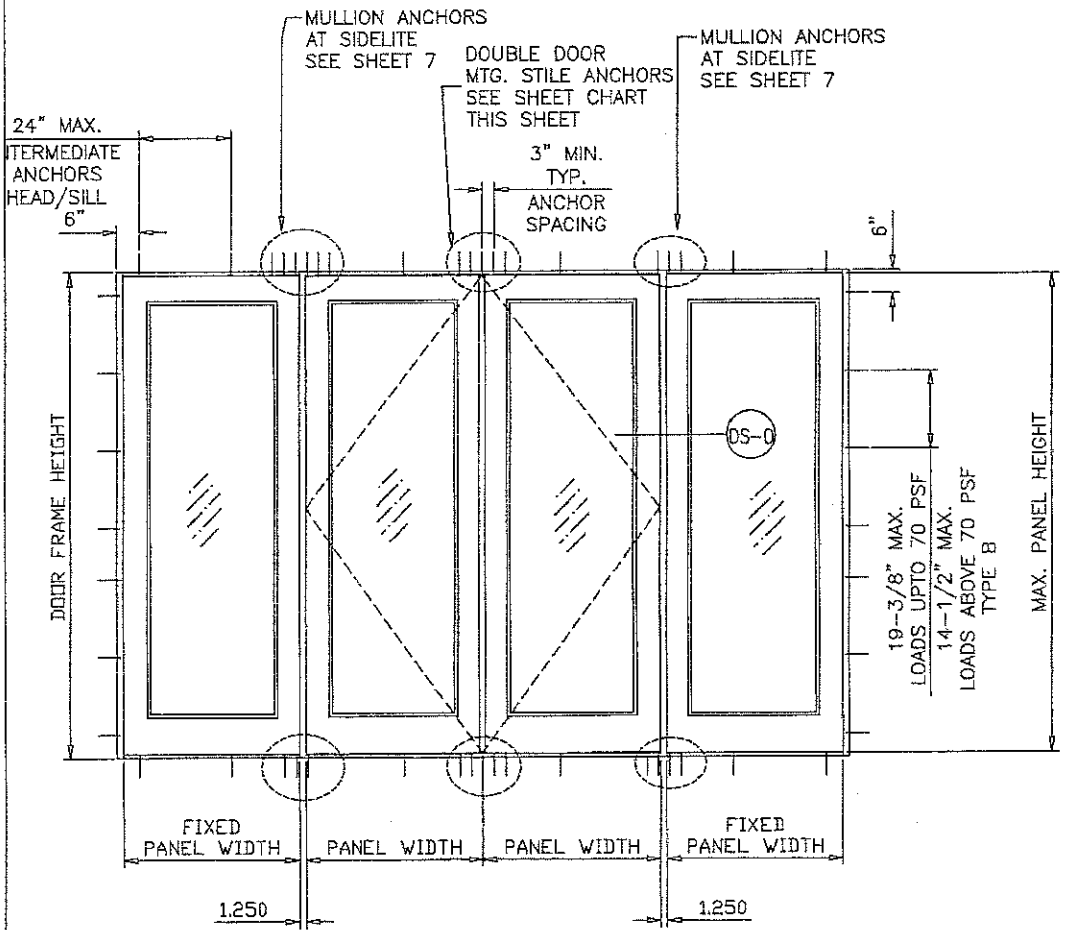
no.	date	by	description
1	05.13.15	H	REV PER COMMENTS
2	03.21.16	I	NO CHANGE THIS SHEET
3	06.21.17	J	NO CHANGE THIS SHEET

date: 10-27-06
 scale: 1/2" = 1"
 dr. by: HAMID
 chg. by:
 drawing no. W06-73
 sheet 7 of 7



PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **17-1011.11**
 Expiration Date **11/09/2021**
 By *[Signature]*
 Miami-Dade Product Control

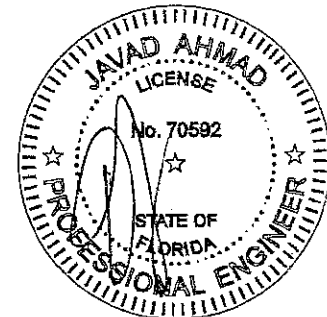
NOMINAL DIMS.		DESIGN LOAD CAPACITY-PSF						
FRAME WIDTH (XX)	FRAME HEIGHT	TYPE 'B' AT HEAD			TYPE 'C' AT HEAD	TYPE 'C' AT HEAD		
		CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS	CLUSTER OF 5 ANCHORS	TYPE 'C' AT S-1 & SS2 SILL	TYPE 'C' AT HEAD	TYPE 'D' AT SS1 SILL	
		CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS	CLUSTER OF 5 ANCHORS	CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS	CLUSTER OF 3 ANCHORS	CLUSTER OF 4 ANCHORS
50-1/2'	82-3/4'	106.7	110.0	110.0	110.0	110.0	110.0	110.0
62-1/2'		86.2	110.0	110.0	110.0	110.0	100.7	110.0
74-1/2'		72.3	96.4	110.0	109.3	110.0	84.5	110.0
86-1/2'		62.3	83.0	103.8	94.2	110.0	72.8	97.0
50-1/2'	84-3/4'	104.2	110.0	110.0	110.0	110.0	110.0	110.0
62-1/2'		84.2	110.0	110.0	110.0	110.0	98.4	110.0
74-1/2'		70.6	94.1	110.0	106.7	110.0	82.5	110.0
86-1/2'		60.8	81.1	101.4	91.9	110.0	71.1	94.8
50-1/2'	90-3/4'	97.3	110.0	110.0	110.0	110.0	110.0	110.0
62-1/2'		78.6	104.8	110.0	110.0	110.0	91.9	110.0
74-1/2'		65.9	87.9	109.9	99.7	110.0	77.1	102.7
86-1/2'		56.8	75.7	94.7	85.9	110.0	66.4	88.5
50-1/2'	96-3/4'	91.2	110.0	110.0	110.0	110.0	106.6	110.0
62-1/2'		73.7	98.3	110.0	110.0	110.0	86.2	110.0
74-1/2'		61.9	82.5	103.1	93.5	110.0	72.3	96.4
86-1/2'		53.3	71.0	88.8	80.5	107.4	62.3	83.0
50-1/2'	102-3/4'	85.9	110.0	110.0	110.0	110.0	100.4	110.0
62-1/2'		69.4	92.6	110.0	104.9	110.0	81.1	108.2
74-1/2'		58.2	77.7	97.1	88.0	110.0	68.1	90.7
86-1/2'		50.2	66.9	83.6	75.8	101.1	58.6	78.2
50-1/2'	108-3/4'	81.2	108.2	110.0	110.0	110.0	94.9	110.0
62-1/2'		65.6	87.5	109.3	99.2	110.0	76.7	102.2
74-1/2'		55.0	73.4	91.7	83.2	110.0	64.3	85.7
86-1/2'		47.9	62.6	78.9	70.8	105.1	54.9	74.3
50-1/2'	114-3/4'	76.9	102.6	110.0	110.0	110.0	89.9	110.0
62-1/2'		62.2	82.9	103.6	94.0	110.0	72.6	96.9
74-1/2'		52.2	69.5	86.9	78.8	105.1	60.9	81.3
86-1/2'		44.1	58.5	74.9	66.8	101.1	51.1	71.3
50-1/2'	120-3/4'	73.1	97.5	110.0	110.0	110.0	85.4	110.0
62-1/2'		59.1	78.8	98.5	89.3	110.0	69.0	92.0
74-1/2'		49.5	66.1	82.6	74.9	99.9	57.9	77.2
86-1/2'		41.4	55.1	70.6	62.8	95.9	48.9	68.2



MEETING STILE ANCHORS AS SHOWN IN DETAILS AND CHARTS
 INTERMEDIATE ANCHORS TO BE AT 6" FROM CORNERS
 AND 24" O.C. AT HEAD/SILL.

SEE SHEET 7 FOR ANCHORS DESCRIPTION AND SILL ANCHOR OPTIONS

FOR SINGLE OR DOUBLE LEAF DOORS, SINGLE SIDELITES AND THRESHOLD
 CAPACITY SEE CHART ON SHEET 6.
 SEE SHEET 1.1 FOR LOCK CAPACITIES FOR SINGLE AND DOUBLE DOORS
 SEE SHEET 5 FOR MULLION TYPES AND DESIGN LOAD CAPACITY
 SEE CHART ON SHEET 7 FOR MULLION ANCHORS CAPACITY
 SEE CHART ON THIS SHEET FOR MTG. STILE ANCHORS AT DOUBLE DOOR.
 LOWEST VALUE FROM THESE CHARTS WILL APPLY TO ENTIRE ASSEMBLY.



SEP 29 2017

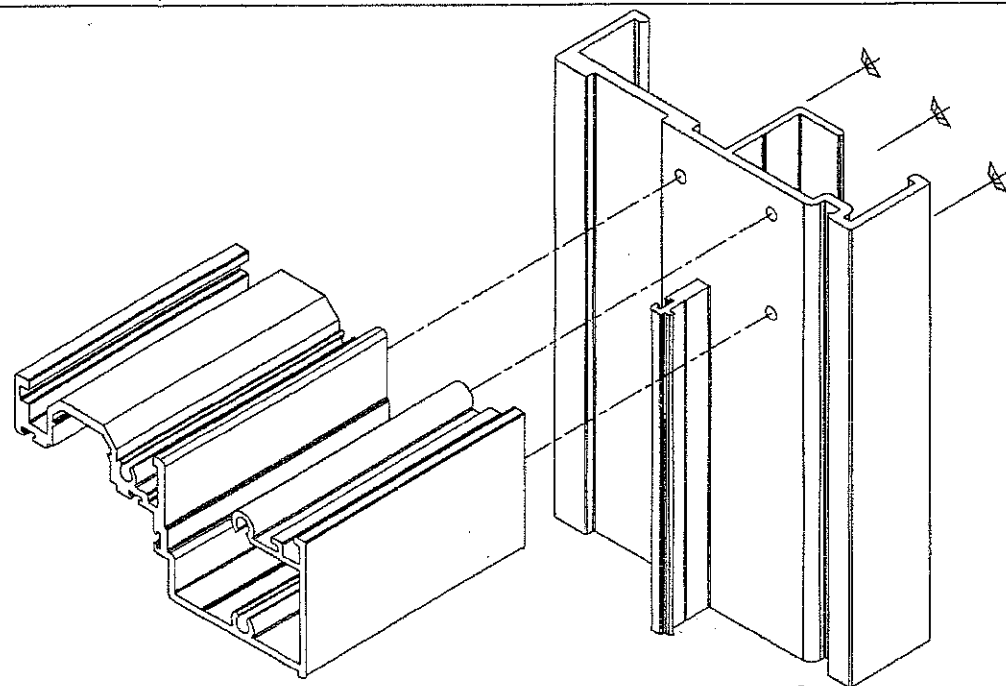
AL-FAROOQ CORPORATION
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date: 10-27-06
 scale: 1/2" = 1"
 dr. by: HAWID
 chk. by:

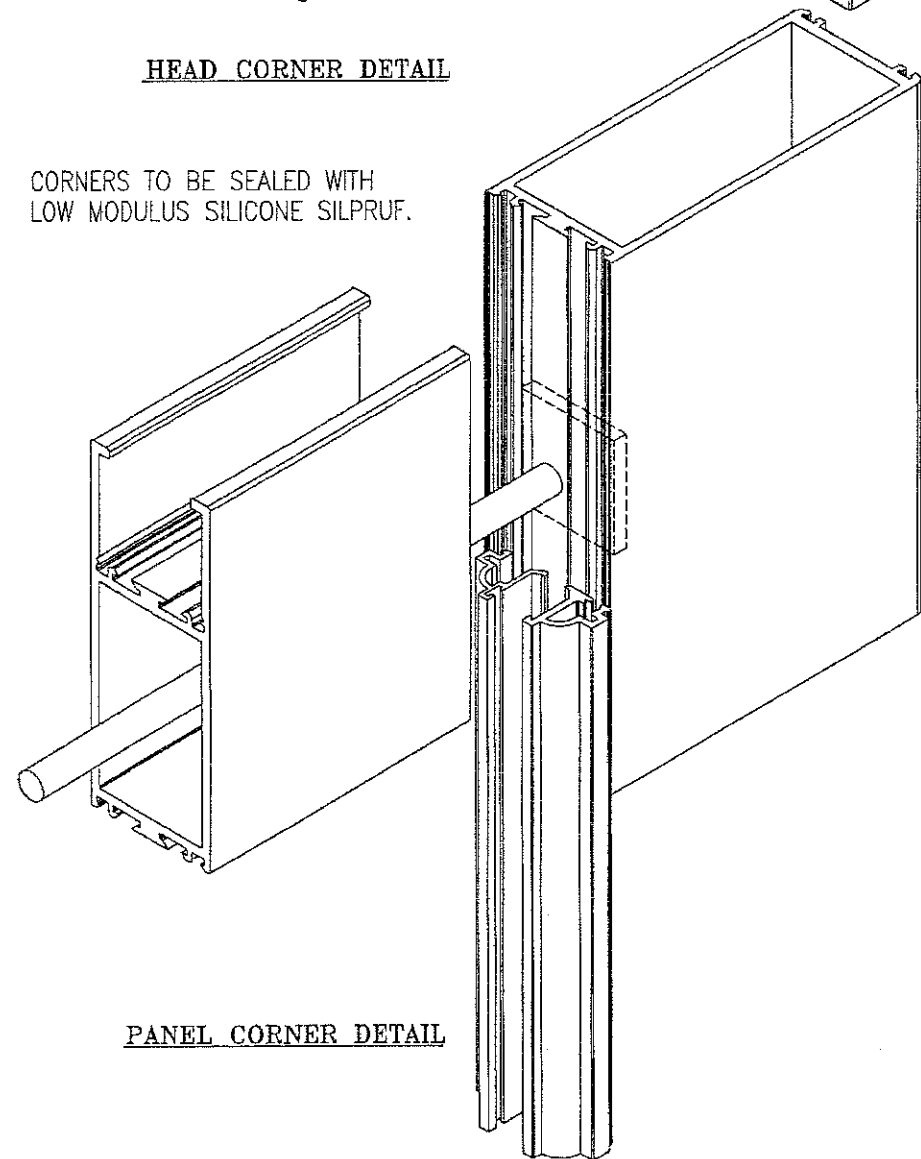
revisions:
 no. date by description
 H 05.13.15 REV. PER PER COMMENTS
 I 03.21.16 NO CHANGE THIS SHEET
 J 09.21.17 NO CHANGE THIS SHEET

drawing no. **W06-73**
 sheet 7.1 of 7

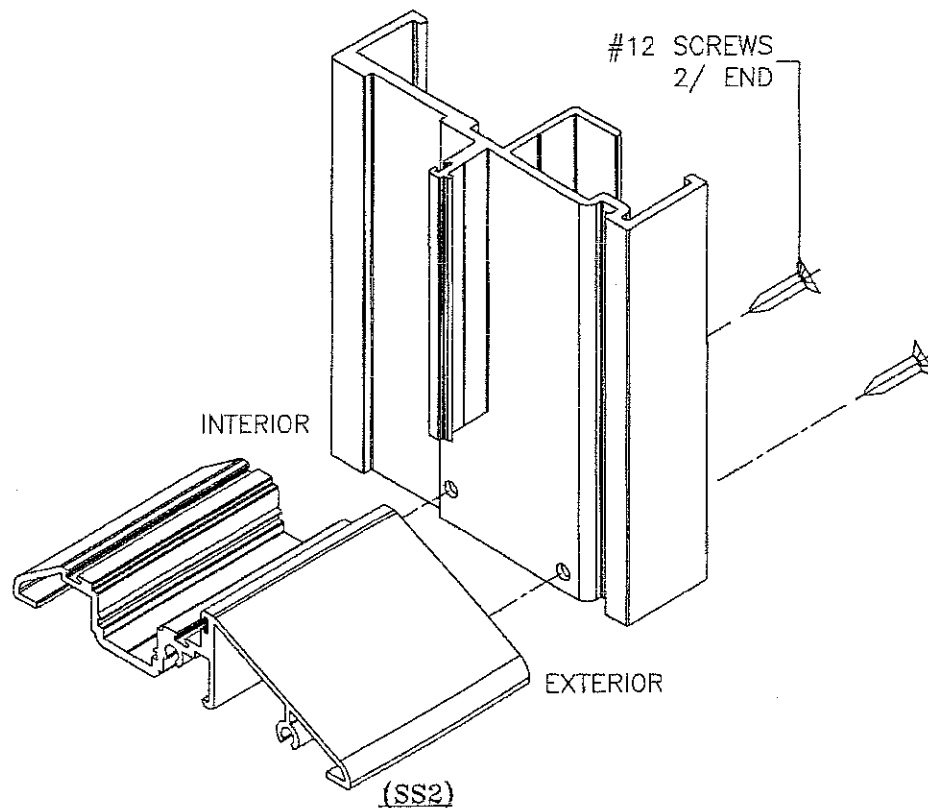


HEAD CORNER DETAIL

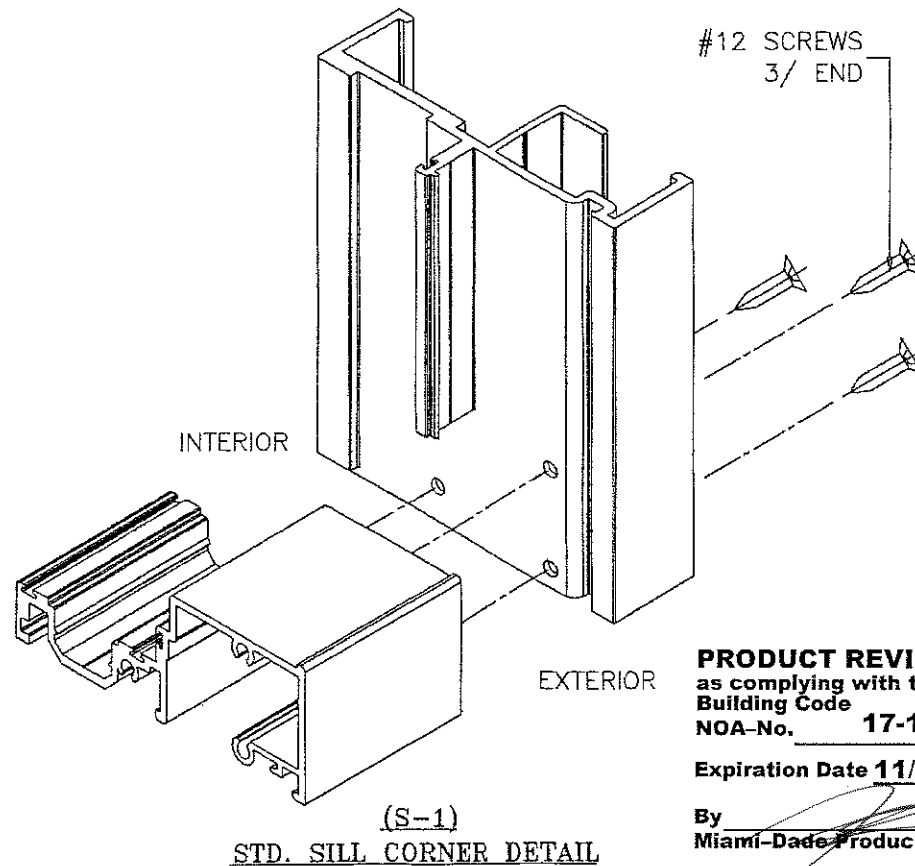
CORNERS TO BE SEALED WITH LOW MODULUS SILICONE SILPRUF.



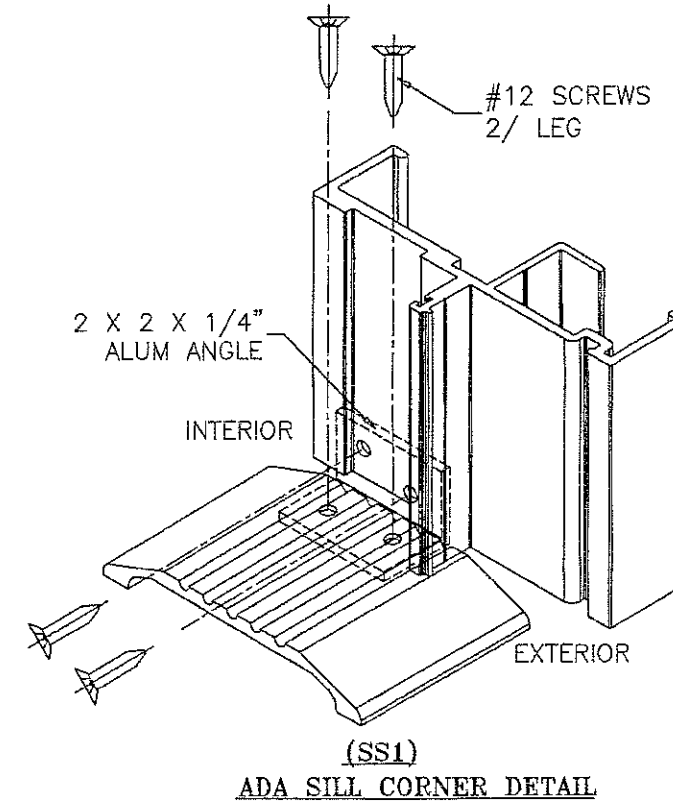
PANEL CORNER DETAIL



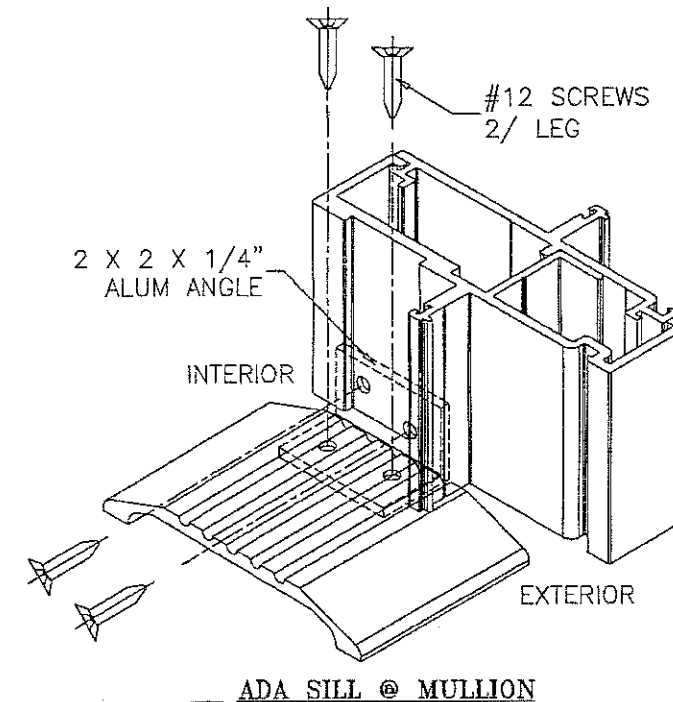
RESIDENTIAL SADDLE SILL CORNER CONSTRUCTION



(S-1) STD. SILL CORNER DETAIL

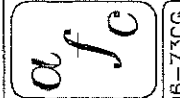
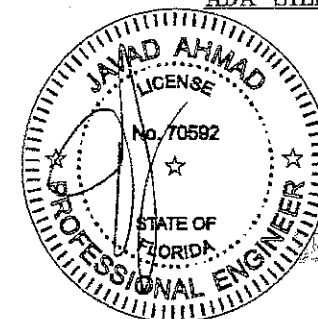


(SS1) ADA SILL CORNER DETAIL



ADA SILL @ MULLION

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **17-1011.11**
Expiration Date **11/09/2021**
By *[Signature]*
Miami-Dade Product Control



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

COMP-ANI\W06-73CG

SERIES 450 INSING DOOR AND SIDELITE
CGI Windows and Doors, Inc.
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

NO	date	description	by
H	05.13.10	REV. PER PER COMMENTS	
J	03.21.16	NO CHANGE THIS SHEET	
J	09.21.17	NO CHANGE THIS SHEET	

date: 10-27-06
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W06-73

sheet 7.2 of 7