



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)

ECO Windows Systems, LLC
 9114 N. W. 106th Street,
 Medley, FL 33178

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 PERA -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. PERA 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 600 Aluminum Outswing Doors-L.M.I.

APPROVAL DOCUMENT: Drawing No. **W12-08 Rev C**, titled "Series 600 Alum Outswing Entrance Door (L.M.I.)", sheets 1 through 9 of 9 (inclusive 7.1), prepared by AL-Farooq Corporation, dated 02/13/12 and last revised on SEP 04, 2015, 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 Resistant

Limitation:

1. See Single or Double Door Design Pressure (DP) ratings in sheet 2 . See Single or Double Door DP ratings with sidelites (w/wo Reinforcement) and Standalone Single sidelite rating in sheet 3. The max door leaf width shall not to exceed 37". See locking options 1 & 2 in sheet 7.1.
2. Laminated glass types G1 and G2 are limited to .090" Kuraray's Butacite PVB and glass type G3 is limited to Insulated laminated glass w/ .090" Solutia interlayer.

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 #12-0402.03 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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



10/2/15

NOA No. 15-0603.13
 Expiration Date: March 20, 2019
 Approval Date: October 15, 2015
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (see below)
2. Drawing No. **W12-08 Rev C**, titled "Series 600 Alum Outswing Entrance Door (L.M.I.)", sheets 1 through 9 of 9 (inclusive 7.1), prepared by AL-Farooq Corporation, dated 02/13/12 and last revised on SEP 04, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #12-0402.03)

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

along with marked-up drawings and installation diagram of an aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

HETI-12-3357, HETI-12-3358, HETI-12-4003, HETI-12-4003 and HETI-12-4027 dated 03/16-26/12, all signed and sealed by Rafael E. Droz-Seda, P. E.

Note: The above referenced test reports have been revised by an addendum letter dated June 29, 2012, issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014(5th Edition), prepared by Al Farooq Corporation, dated June 02, 2015, 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

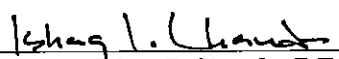
1. Notice of Acceptance No. **11-0624.01** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Butacite @ PVB interlayer**", expiring on 12/11/16.
2. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** (former Solutia, Inc.) for the "**Saflex: Saflex Clear & Color glass interlayer**", expiring on 05/21/16.
3. XL Edge seal System 201 SS spacer by Cardinal IG.

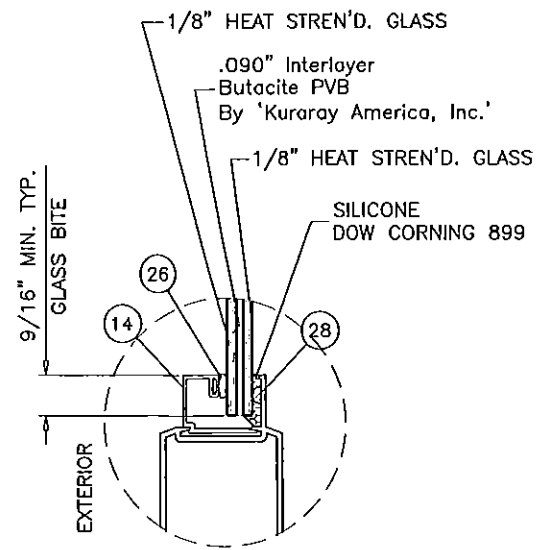
F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 06/02/15, signed and sealed by Javad Ahmad, P.E.
2. Addendum letter dated June 29, 2012, issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P. E.
3. Lab compliance as part of the above referenced test report.

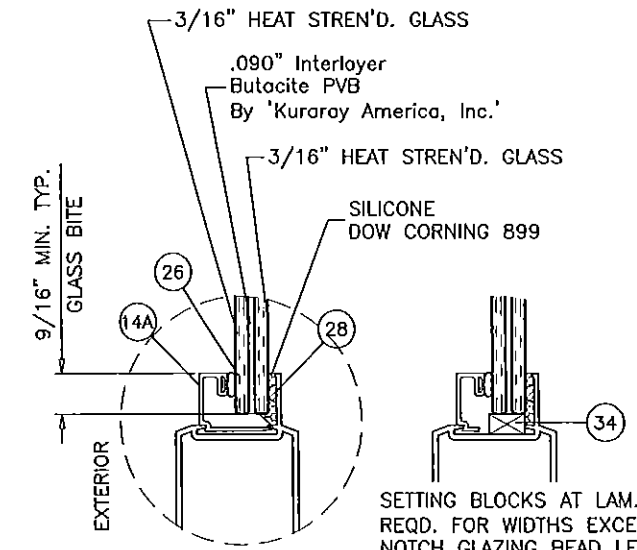
G. OTHER

1. This NOA revises NOA #12-0402.03, expiring 03/20/19.
2. Test proposal, dated 10/14/11 and 02-21-12 approved by PERA.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0603.13
Expiration Date: March 20, 2019
Approval Date: October 15, 2015

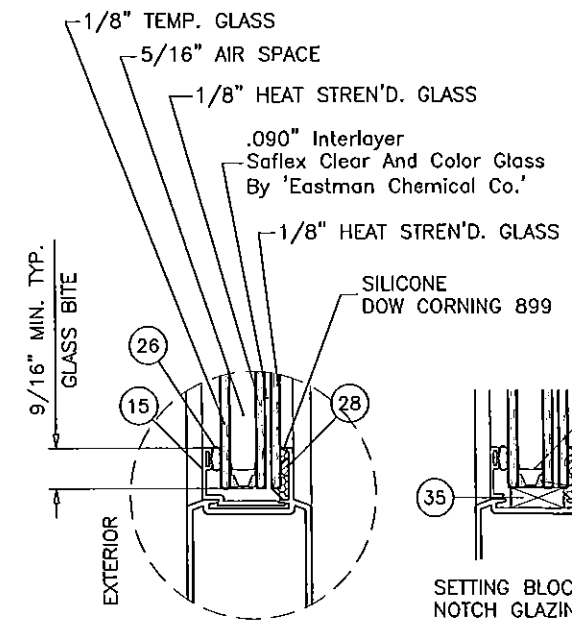


GLASS TYPE 'G1'



GLASS TYPE 'G2'

SETTING BLOCKS AT LAM. GLASS
REQD. FOR WIDTHS EXCEEDING 36" ONLY.
NOTCH GLAZING BEAD LEG TO
CLEAR BLOCKS



GLASS TYPE 'G3'

SETTING BLOCKS AT INSUL. LAM. GLASS
NOTCH GLAZING BEAD LEG TO CLEAR BLOCKS

**SERIES 600
ALUMINUM OUTSWING ENTRANCE DOOR**

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.
STAND ALONE SINGLE SIDELITE SEE SHEET 3.
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEET 3.
LOWER VALUES FROM SIDELITE CAPACITY CHART OR DOOR CAPACITY WILL
APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

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 LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

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

SEP 4 2015

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 15-0603.13
Expiration Date MAR 20, 2019

M. Elmaghrabi
Mfg. and Product Control

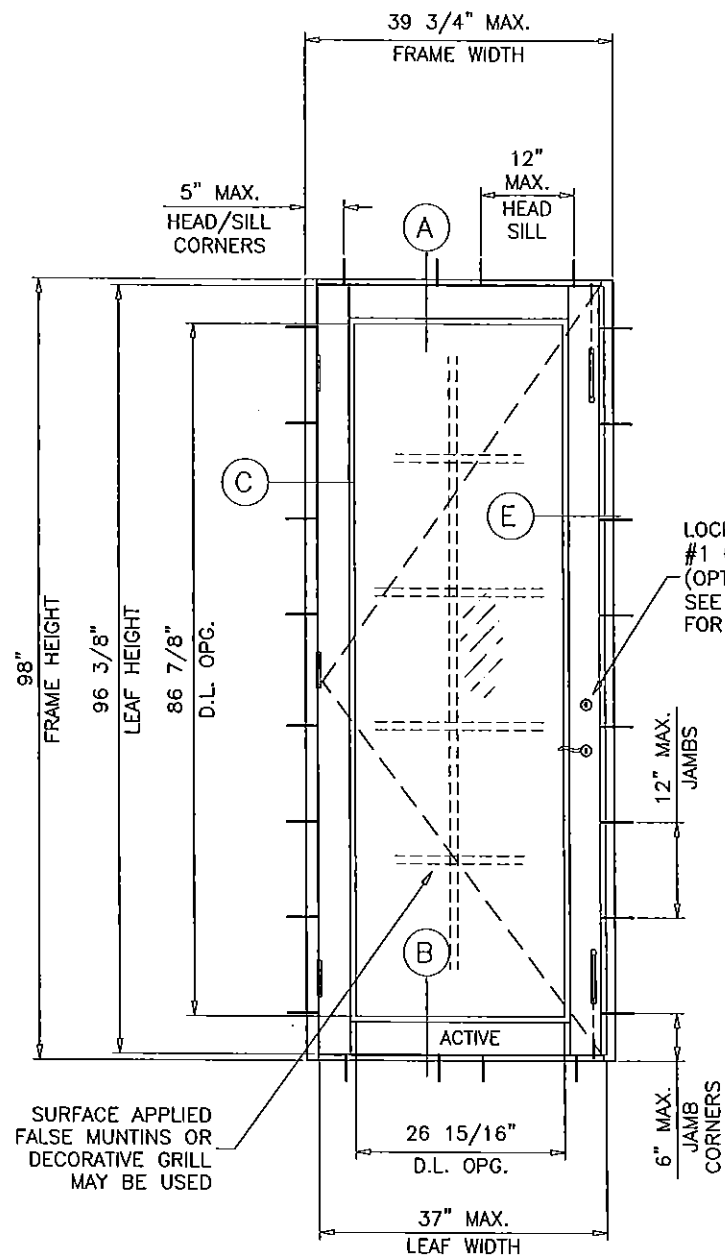
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W12-08ECO

SERIES 600 ALUM OUTSWING ENTRANCE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
9114 N.W. 106 STREET
MEDLEY, FL. 33178
TEL (305) 885-5299 FAX (305) 885-5902

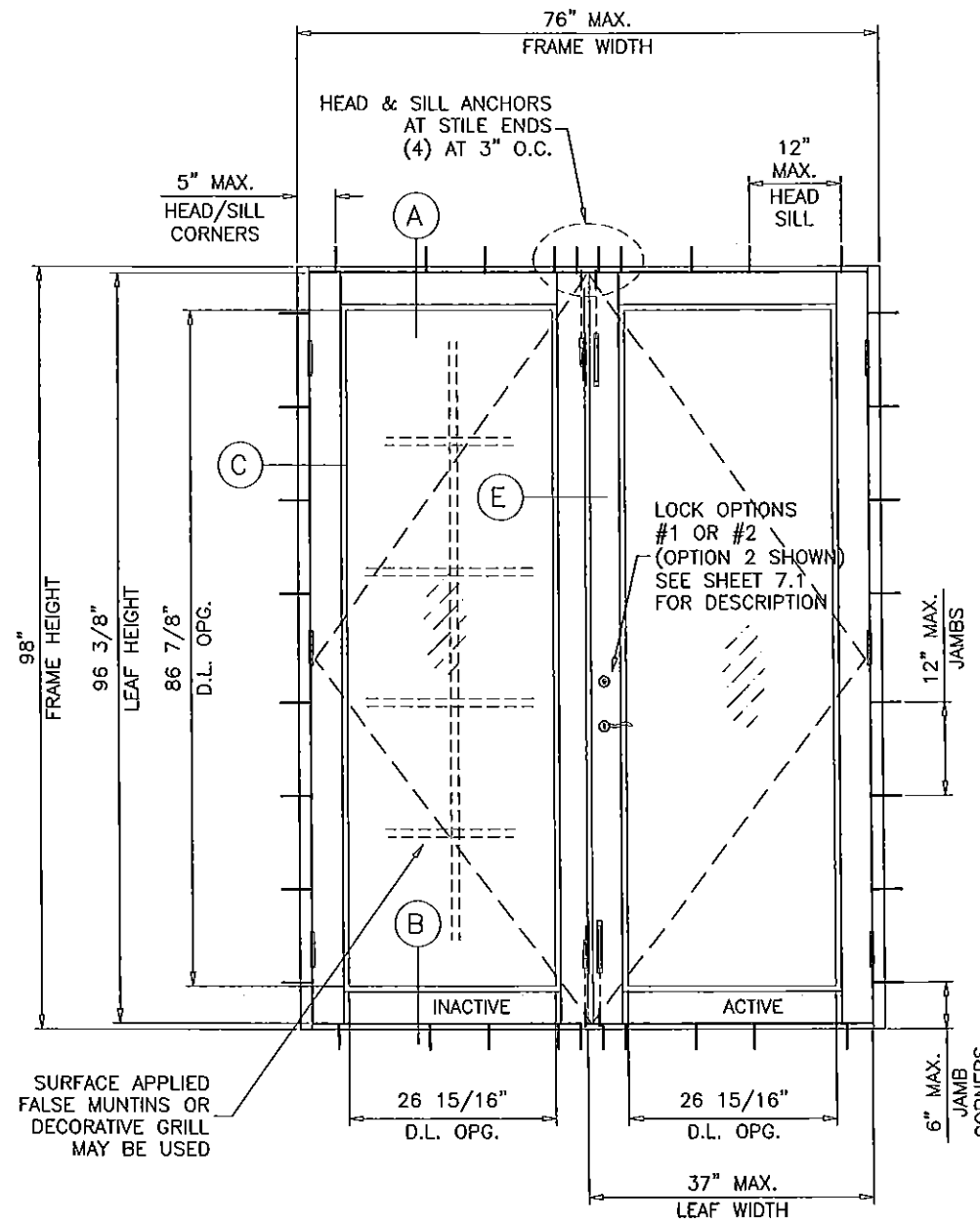
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B	06.02.15	UPDATED TO 2014 FBC	
C	09.02.15	REV. PER PER COMMENTS	

date: 02-13-12
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

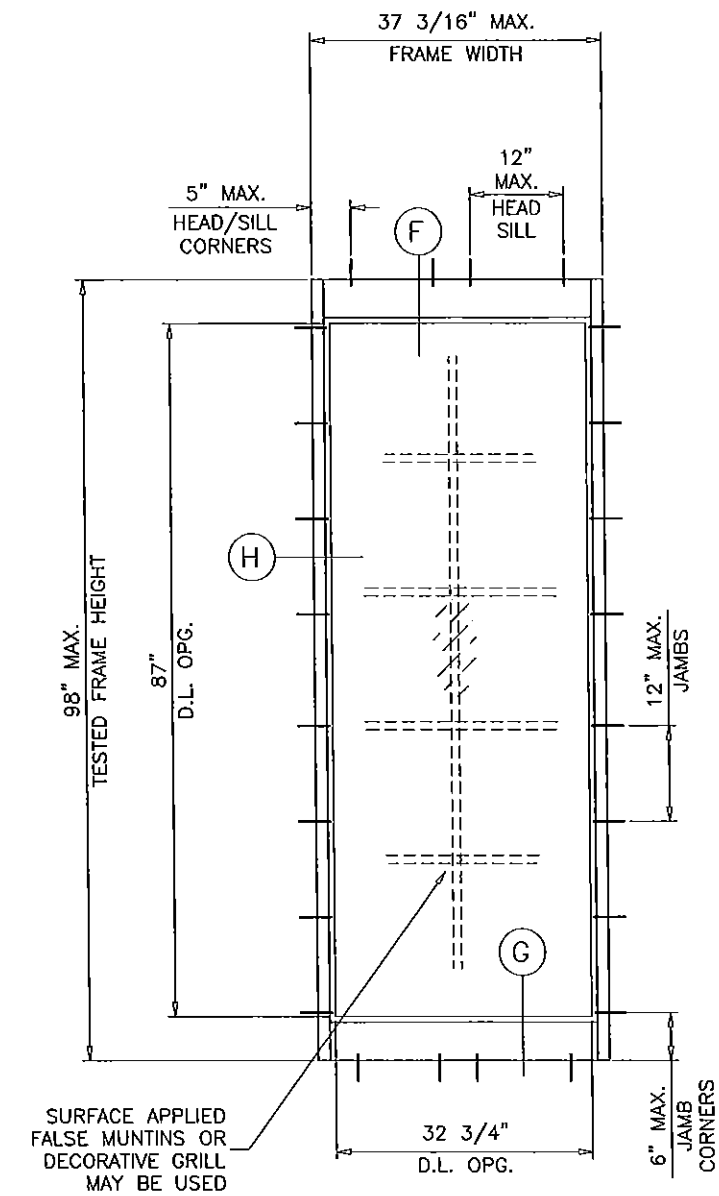
drawing no.
W12-08



(X)



(XX)



(O)

STAND ALONE SINGLE SIDELITE
SEE SHEET 3 FOR CAPACITY

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
39-3/4"	37"	98"	70.0	75.0

DOORS LOAD CAPACITY - PSF DOUBLE (XX)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
76"	37"	98"	70.0	75.0

GLASS D.L.O. DIMS.

- D.L.O. HEIGHT = FRAME HEIGHT - 11.125"
- D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.813"
- D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 22.125")/2

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED
BY BUILDING OFFICIAL.

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 04 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0603.13
Expiration Date 3/2019
M. Ishaq I. Khan
Manual Door Product Control

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\W12-08ECO

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ECCO WINDOW SYSTEMS, LLC.
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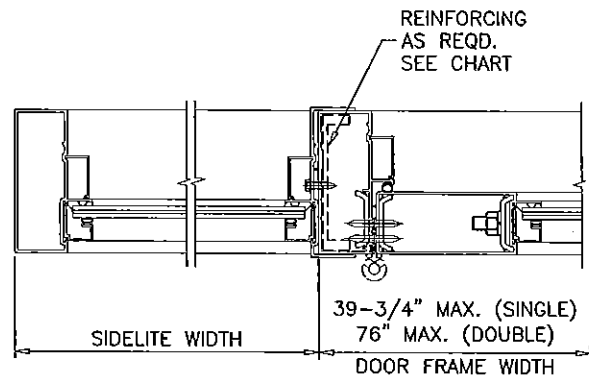
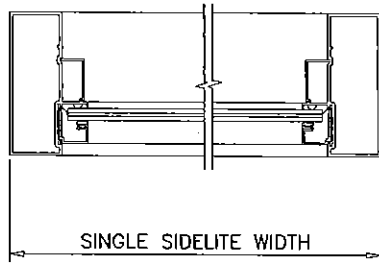
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B	06.02.15	UPDATED TO 2014 FBC	
C	09.02.15	REV. PER PER COMMENTS	

date: 02-13-12
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W12-08
 sheet 2 of 9

DESIGN LOAD CAPACITY - PSF STAND ALONE SINGLE SIDELITES			
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	WITHOUT REINFORCING	
		EXT.(+)	INT.(-)
24	82	70.0	75.0
30		70.0	75.0
36		70.0	75.0
37		70.0	75.0
42		61.7	66.1
24	86	70.0	75.0
30		70.0	75.0
36		70.0	75.0
37		70.0	75.0
42		61.7	66.1
24	92	70.0	75.0
30		69.8	69.8
36		64.1	64.1
37		63.3	63.3
42		63.3	63.3
24	98	63.3	63.3
30		57.8	57.8
36		53.1	53.1
37		52.4	52.4

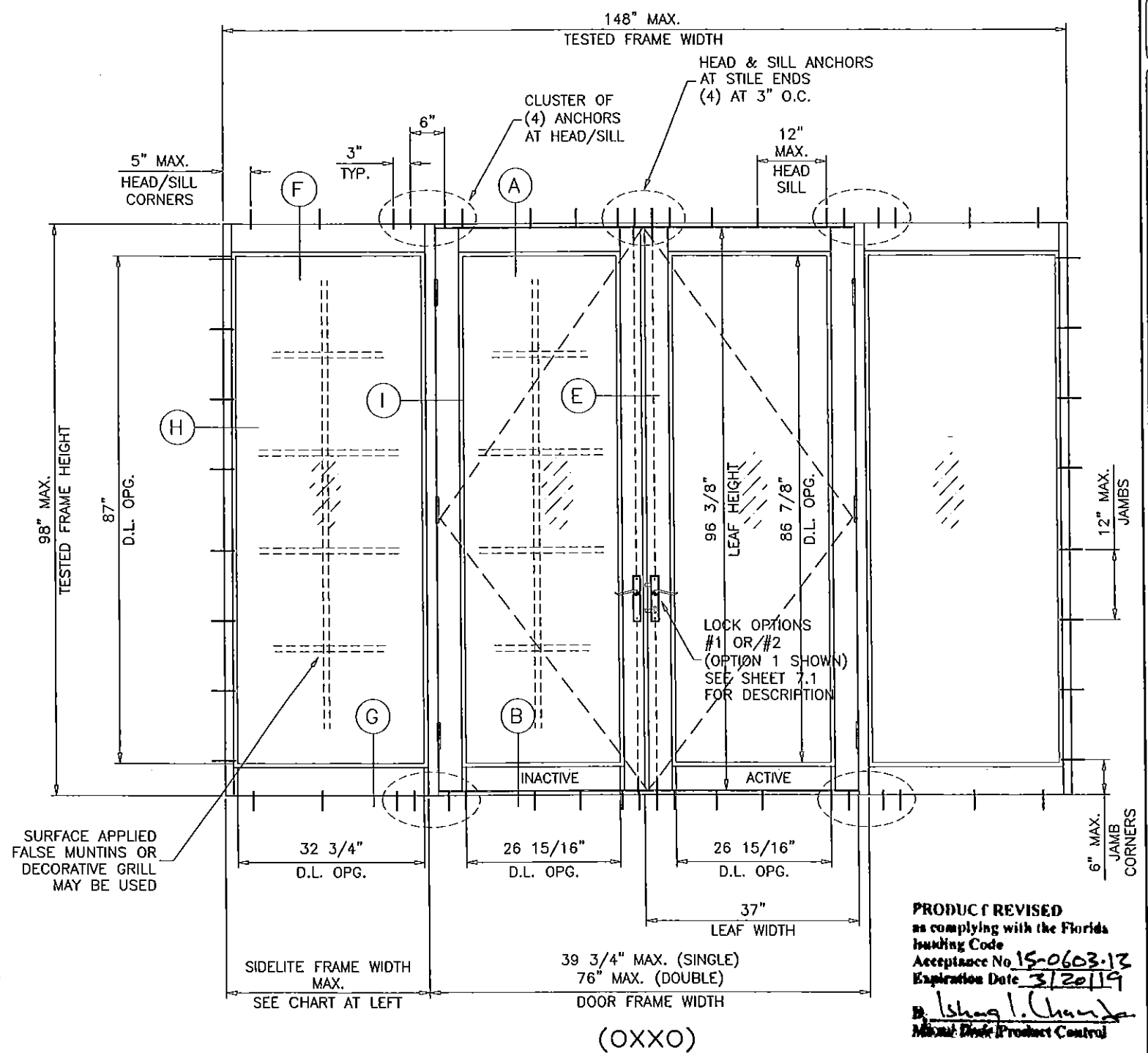
DESIGN LOAD CAPACITY - PSF SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS (SEE NOTE BELOW)					
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	WITHOUT REINFORCING		WITH REINFORCING	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	82	70.0	75.0	70.0	75.0
30		70.0	75.0	70.0	75.0
36		70.0	75.0	70.0	75.0
37		70.0	75.0	70.0	75.0
42		61.7	66.1	61.7	66.1
24	86	70.0	75.0	70.0	75.0
30		70.0	75.0	70.0	75.0
36		70.0	75.0	70.0	75.0
37		70.0	75.0	70.0	75.0
42		61.7	66.1	61.7	66.1
24	92	70.0	75.0	70.0	75.0
30		69.8	69.8	70.0	75.0
36		64.1	64.1	70.0	75.0
37		63.3	63.3	70.0	75.0
42		63.3	63.3	70.0	75.0
24	98	63.3	63.3	70.0	75.0
30		57.8	57.8	70.0	75.0
36		53.1	53.1	70.0	75.0
37		52.4	52.4	70.0	75.0



NOTE:
FOR DOORS CAPACITIES SEE SHEET 2.
FOR SIDELITE CAPACITIES SEE CHART ABOVE.
LOWER VALUES FROM DOOR OR SIDELITE CHART
WILL APPLY TO ENTIRE SYSTEM.

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.000"
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.438"



SURFACE APPLIED
FALSE MUNTINS OR
DECORATIVE GRILL
MAY BE USED

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Expiration Date 3/2019
B. Ishag I. Chaudhry
Miami District Product Control

MAX. UNIT TESTED FRAME AREA NOT TO EXCEED 100.72 SQ. FT. PER FBC 2014

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
[Signature]
SEP 04 2015

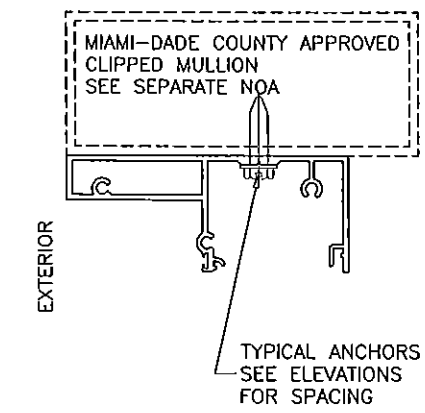
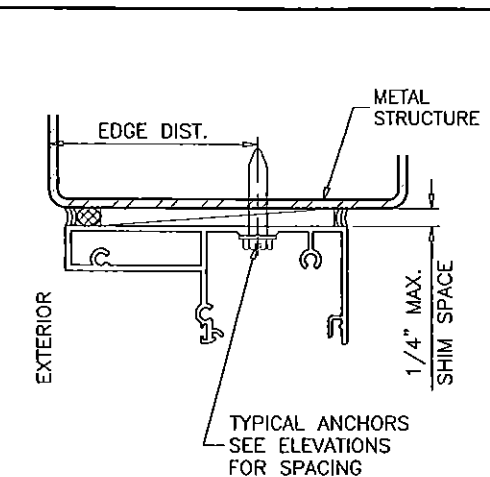
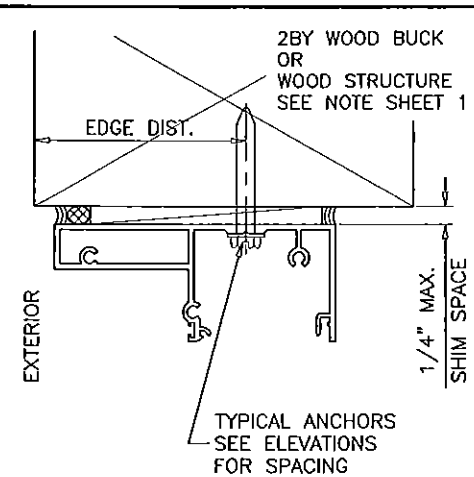
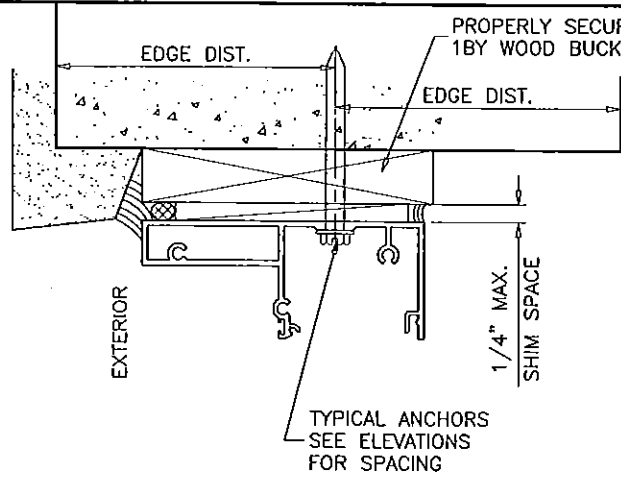
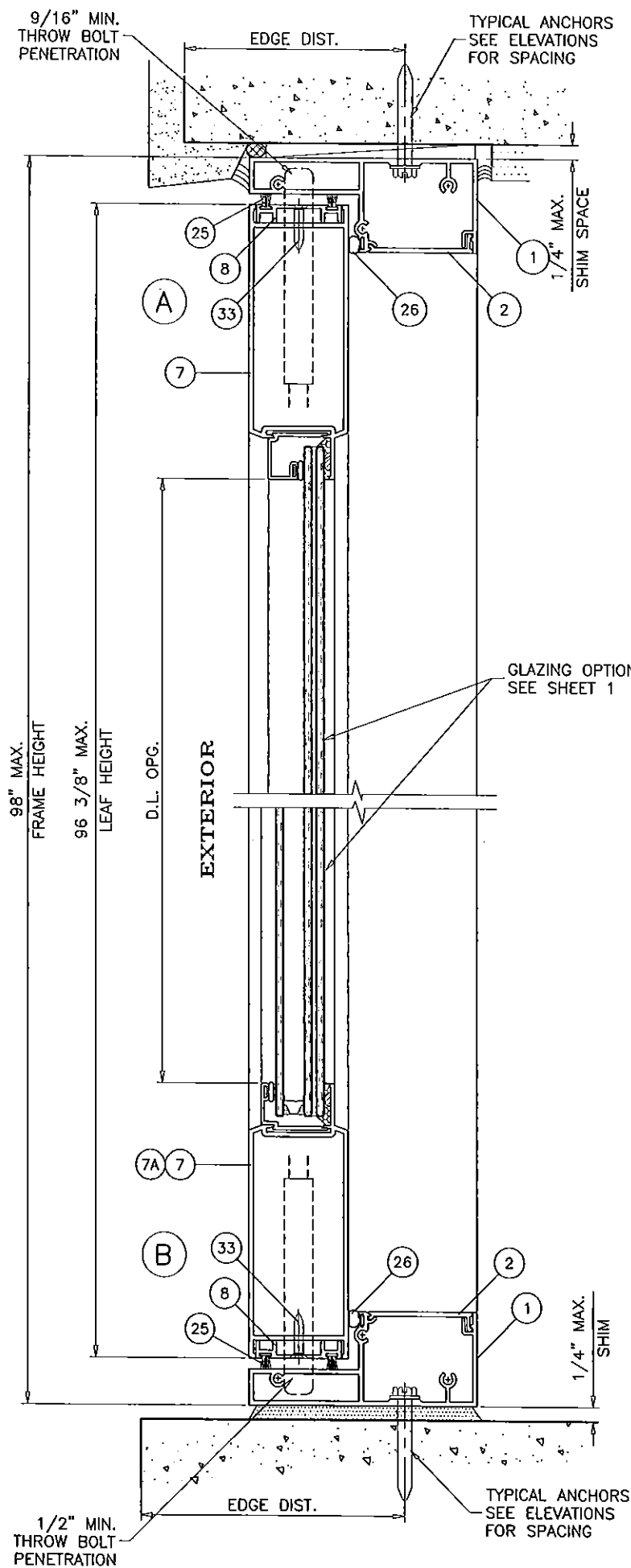
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COMP - ANL W12 - 08ECO

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TEL. (305) 885-5299 FAX (305) 885-5902

NO	DATE	DESCRIPTION	BY
A	06.26.12	REV. PER PERA COMMENTS	
B	06.02.15	UPDATED TO 2014 FBC	
C	09.02.15	REV. PER PER COMMENTS	

date: 02-13-12
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W12-08
sheet 3 of 9



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY ECO WINDOWS 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 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 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 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.

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 [Signature]
 Miami-Dade Product Control

DOOR DETAILS

Engr: JAVAD AHMAD
 CML
 FLA. PE # 70592
 C.A.N. 3538
 SEP 04 2015

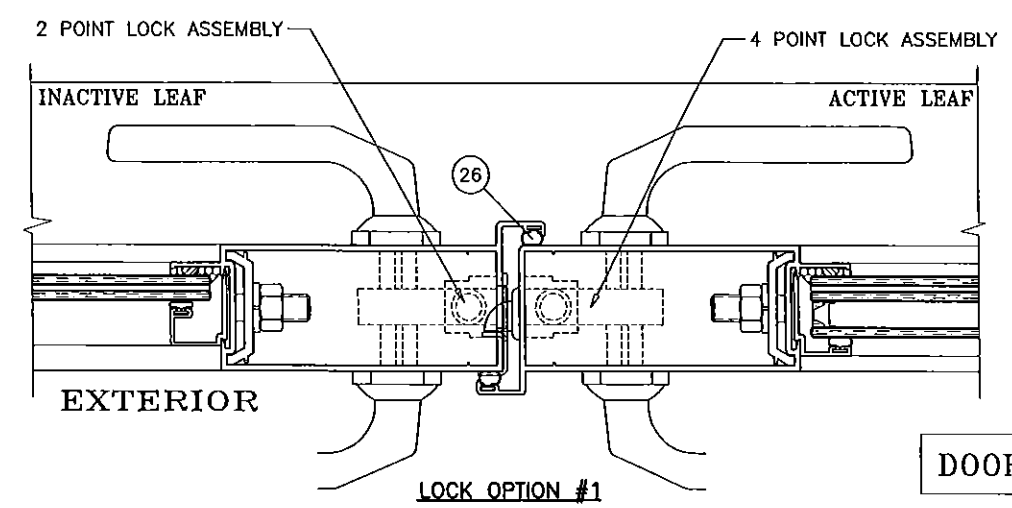
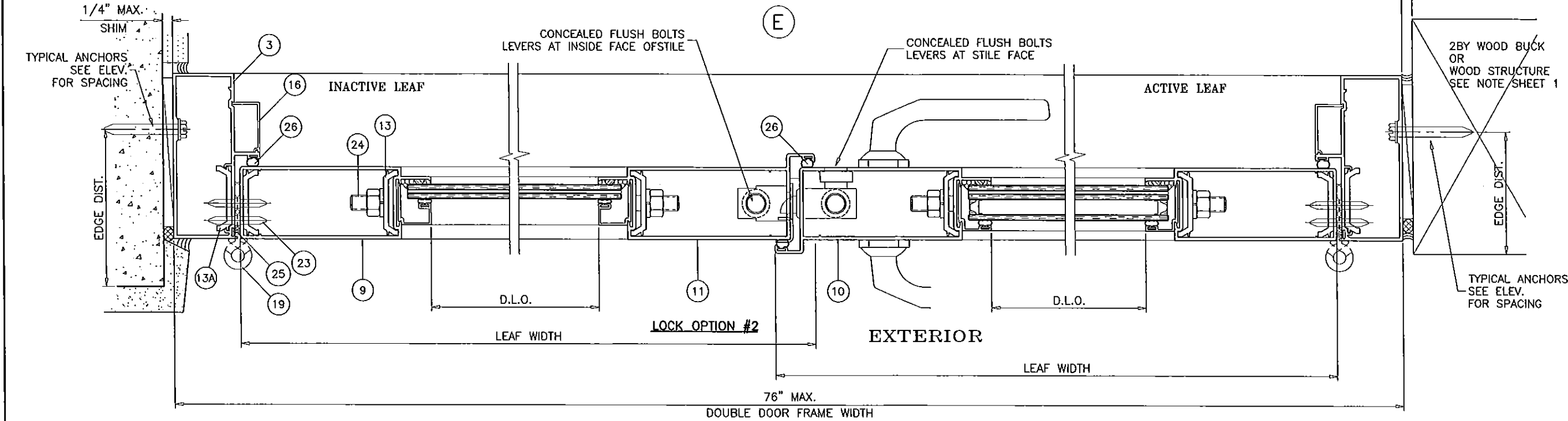
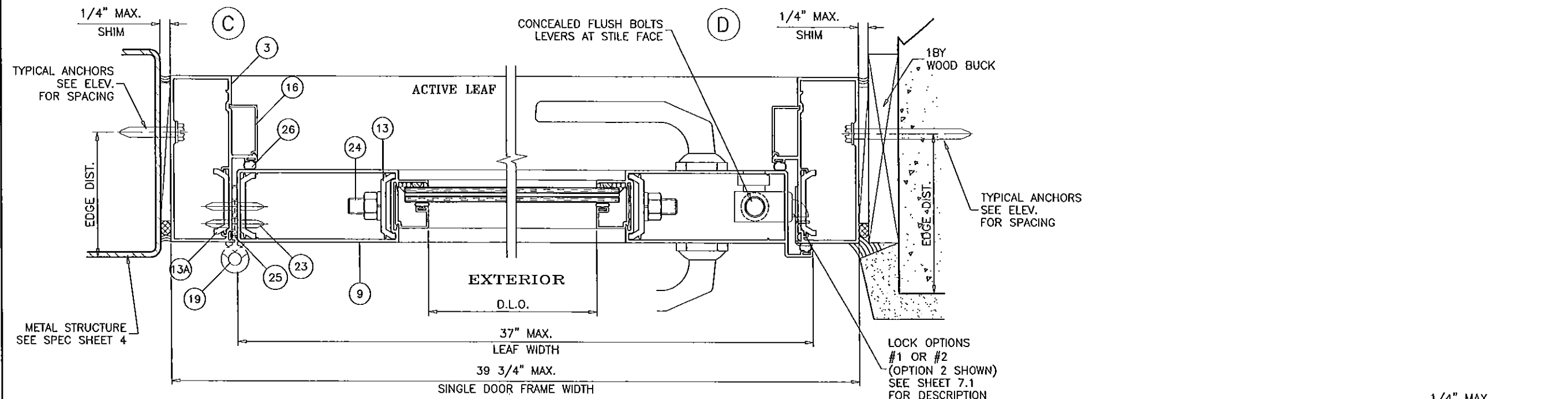
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 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W12-08
 sheet 4 of 9



DOOR DETAILS

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M. Chanda
 Mfg./Prod. Control

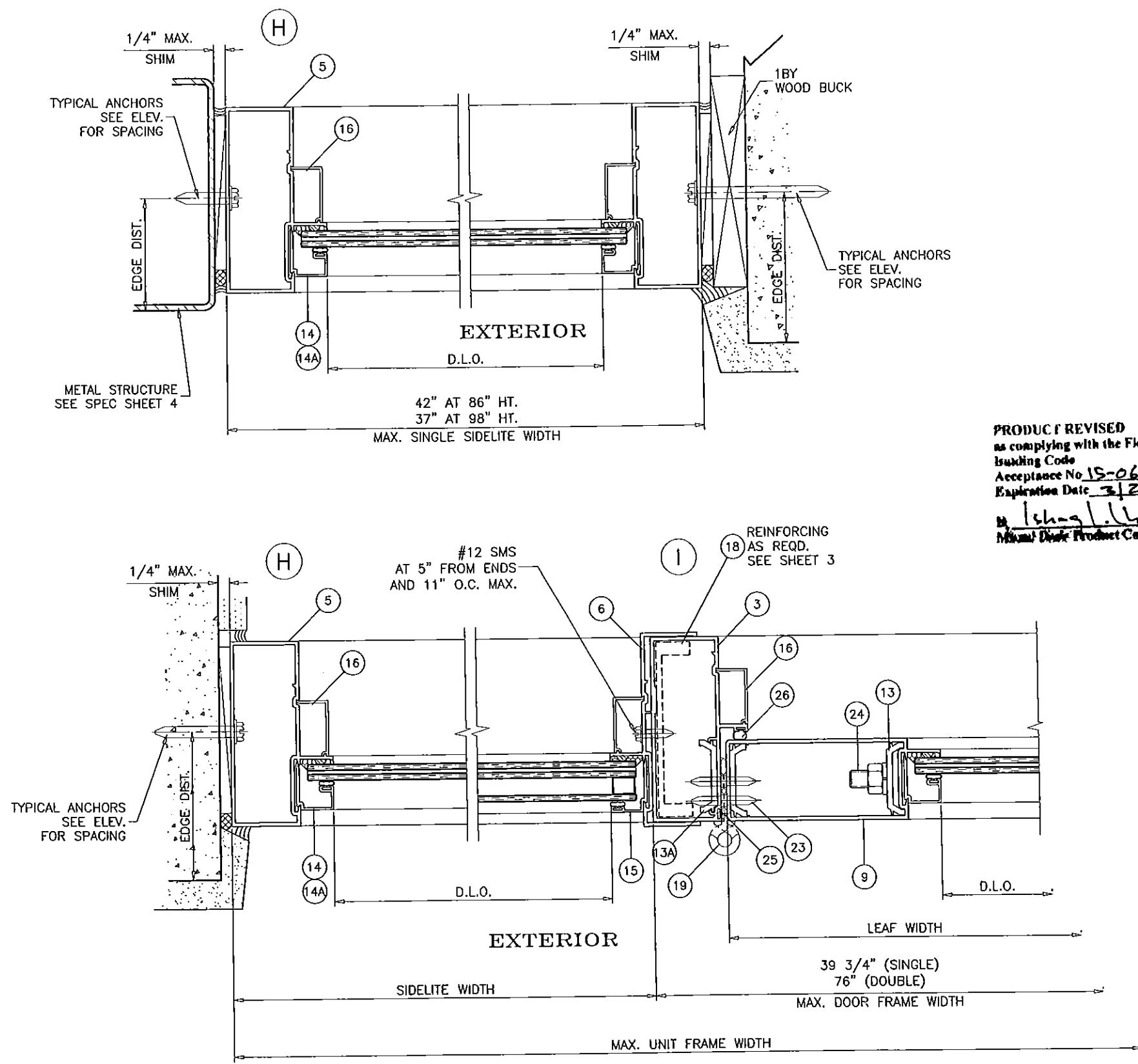
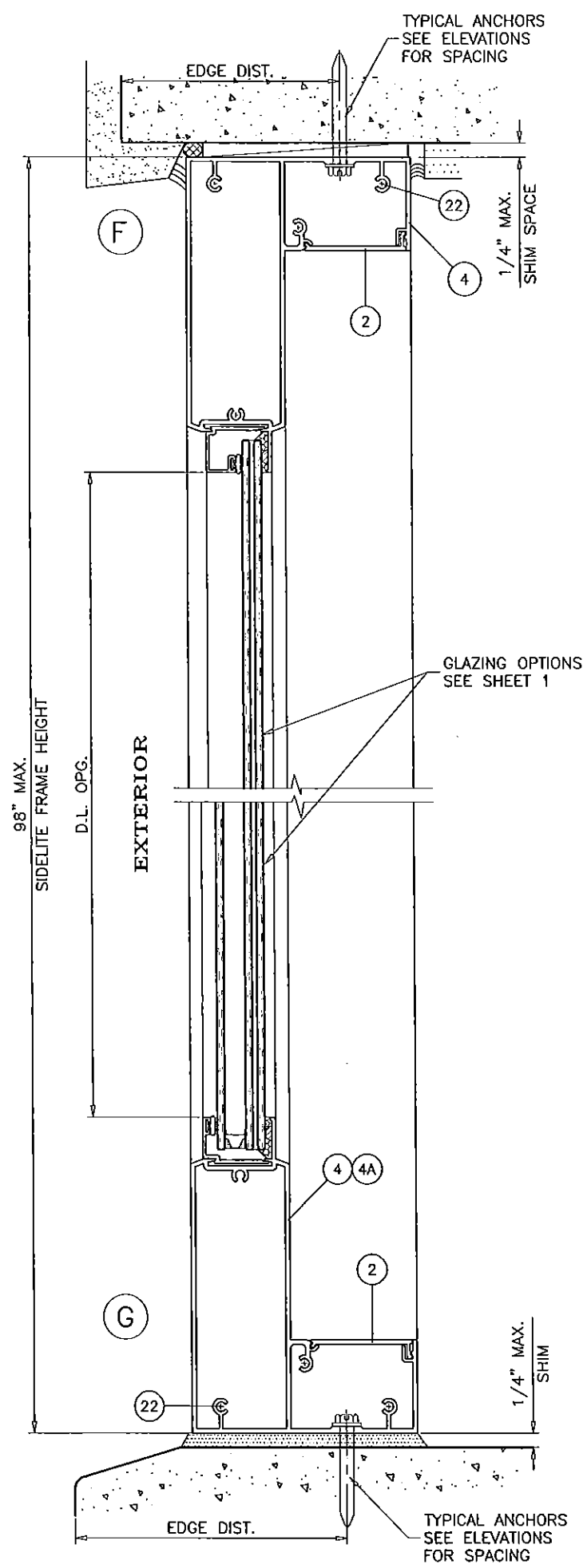
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 dr. by: HAMID
 chk. by:

drawing no.
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 sheet 5 of 9



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 as complying with the Florida
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 M. Ishag L. Ahmad
 Miami Desk Product Control

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

SEP 14 2015

SIDELITE DETAILS

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 W12-08ECO

SERIES 600 ALUM OUTSWING ENTRANCE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
 9114 N.W. 106 STREET
 MEDLEY, FL. 33178
 TEL. (305) 885-5299 FAX (305) 885-5902

revisions:	
no	description
A	06.26.12 REV. PER PERA COMMENTS
B	06.02.15 NO CHANGE THIS SHEET
C	09.02.15 REV. PER PER COMMENTS

date: 02-13-12	scale: 3/8" = 1"
dr. by: HAMID	chk. by:

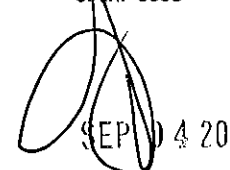
drawing no.	W12-08
sheet	6 of 9

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E601	-	DOOR FRAME HEAD/SILL	6063-T6	-
2	E602	-	FRAME COVER	6063-T6	-
3	E603	-	DOOR FRAME JAMB	6063-T6	-
4	E604	-	SIDELITE TOP & BOTTOM FRAME	6063-T6	-
4A	E626	-	SIDELITE 9" BOTTOM FRAME	6063-T6	-
5	E605	-	SIDELITE FRAME JAMB	6063-T6	-
6	E606	-	SIDELITE SLIP ON JAMB	6063-T6	-
7	E607	-	LEAF TOP & BOTTOM RAIL	6063-T6	-
7A	E625	-	LEAF 9" BOTTOM RAIL	6063-T6	-
8	E608	-	LEAF W'STRIP ADAPTER	6063-T6	-
9	E609	-	LEAF HINGE STILE	6063-T6	-
10	E610	-	LEAF LOCK STILE	6063-T6	-
11	E611	-	LEAF ASTRAGAL STILE	6063-T6	-
12	E612	-	LEAF ALIGNMENT BRACKET	6063-T6	-
13	E613	-	LEAF CLAMP	6063-T6	4-1/4" LONG
13A	E613	-	HINGE BACK-UP PLATE	6063-T6	12" LONG
14	E614	-	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
14A	E109	-	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
15	E615	-	GLAZING BEAD (INSUL. GLASS)	6063-T6	-
16	E616	-	SNAP COVER	6063-T6	-
17	E613	-	BOLT SUPPORT	6063-T6	NOT SHOWN
18	-	AS REQD.	SIDELITE MULLION REINFORCING	6063-T6	-
19	FD-107	3/ LEAF	BUTT HINGES	ALUMINUM	SULLIVAN & ASSOC.
20	FB1202	-	FLUSH BOLT LEVER	-	SULLIVAN & ASSOC.
21	FBR914SS	-	CONCEALED FLUSH BOLT ROD	ST STEEL	SULLIVAN & ASSOC.
22	#12 SMS	AS REQD.	FRAME ASSEMBLY SCREWS	-	-
23	#12 X 3/4"	-	HINGE INSTALLATION FASTENERS	-	FH SMS
24	-	-	3/8" DIA. THREADED ROD	STEEL	-
25	W11323	-	PILE W'STRIPPING	WOOL	ULTRAFAB
26	E20618-KN-3020	-	BULB W'STRIPPING	SANTOPRENE	EPDM
27	E206	-	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB
28	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
29	E622	-	FLUSH BOLT CUP	NYLON	-
30	DL01RC	-	BLACK BOLT SUPPORT BLOCK	POLYETHYLENE	INTERLOCK
31	DL01WB	-	WHITE BOLT SUPPORT BLOCK	POLYETHYLENE	ACME PLASTIC
33	#10 X 3/4"	2/ ADAPTER	FH SELF DRILLING SCREWS	-	-
34	-	2/ LITE	SETTING BLOCK, 1/4" X 1/2" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5
35	-	2/ LITE	SETTING BLOCK, 1/4" X 3/4" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 80±5

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD JM5504 SEALANT.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0603-13
 Expiration Date 3/2019
 By: *[Signature]*
 M.A. / Prod. Product Control

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

 (SEP) 4 2015

af c
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sheet 7 of 9

LOCKS:

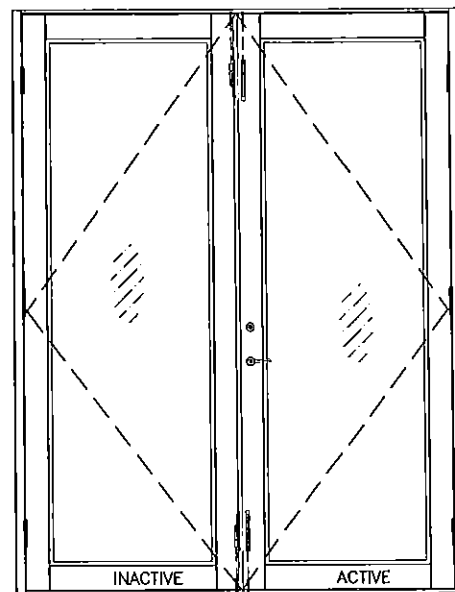
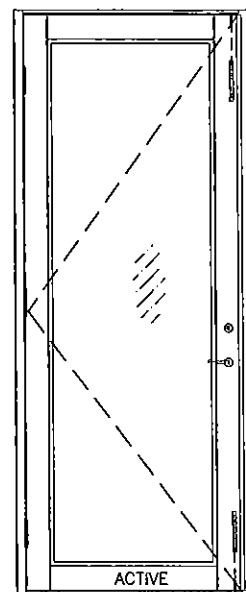
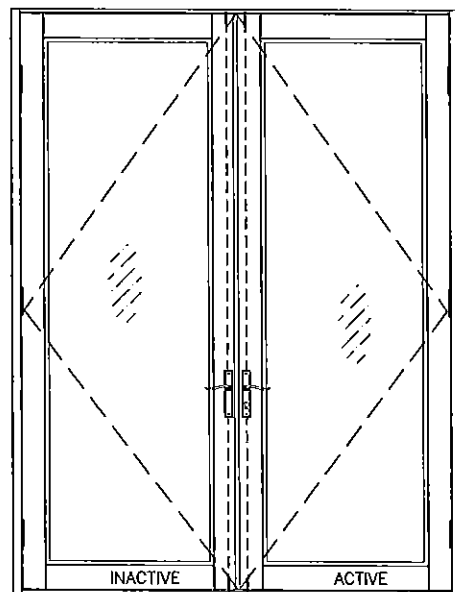
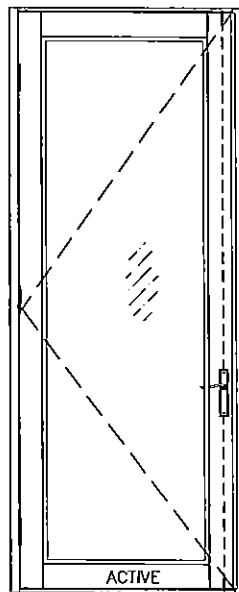
OPTION #1:

ACTIVE LEAF:

4 POINT LOCK ASSEMBLY DL01-6007 BY 'INTERLOCK USA INC.'
 (2) LOCKING POINTS ENGAGING AT INACTIVE LEAF AT STRIKE PLATE
 1/2" DIA. THROW BOLT (1) AT TOP ENGAGING FRAME HEAD
 AND (1) AT BOTTOM ENGAGING FRAME SILL
 THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
 LOCK HANDLE LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
 1/2" DIA. THROW BOLTS AT TOP AND BOTTOM ENGAGING FRAME
 HEAD AND FRAME SILL
 THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
 LOCK LOCATED AT 42-1/2" FROM BOTTOM



OPTION #2:

ACTIVE LEAF:

CONVENTIONAL DOOR LOCKSET WITH HANDLE
 DELTA 690 BY 'KWIKSET' LOCATED AT 39-1/4" FROM BOTTOM
 KEY OPERATED ON EXTERIOR AND THUMB TURN ON
 INTERIOR THROW BOLT LOCATED AT 44-3/4" FROM BOTTOM

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
 1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
 MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE
 LOCATED AT 10-5/8" FROM TOP AND BOTTOM
 LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

INACTIVE LEAF:

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
 1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
 MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
 OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
 LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

HINGES:

3-1/2" X 7-5/8" X .122" THK. EXTRUDED ALUM HINGE
 PART #FD-107 BY SULLIVAN & ASSOC.
 3 HINGES PER LEAF
 BOTTOM HINGE AT 10-1/4" FROM BOTTOM
 TOP HINGE AT 11-3/4" FROM TOP
 CENTER HINGE AT MIDSPAN (38" O.C. MAX.)
 HINGES FASTENED WITH #10 X 1" FH SMS
 (5) SCREWS AT HINGE STILE
 (6) SCREWS AT FRAME JAMB

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0603-13
 Expiration Date 3/20/19
 By *Shahid Khan*
 Miami Code Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.M. 3538
 SEP 04 2015

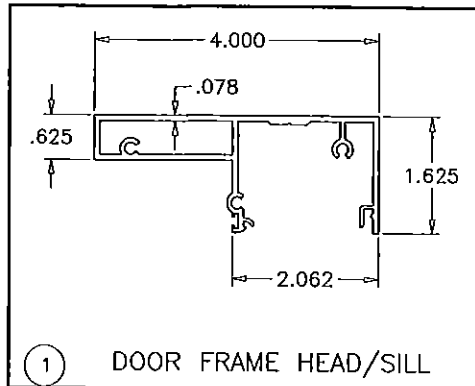
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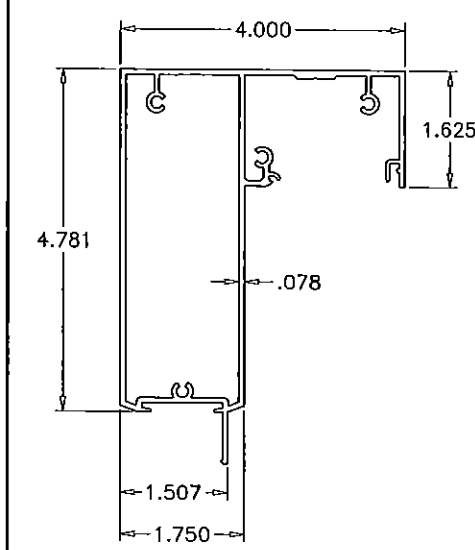
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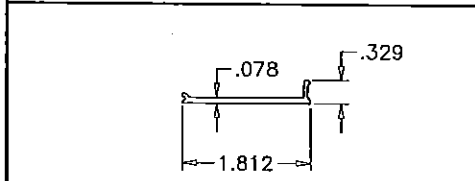
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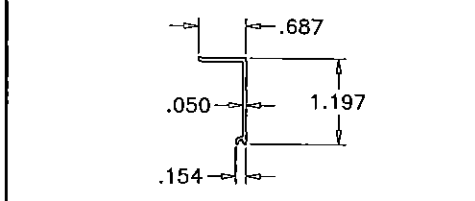
1 DOOR FRAME HEAD/SILL



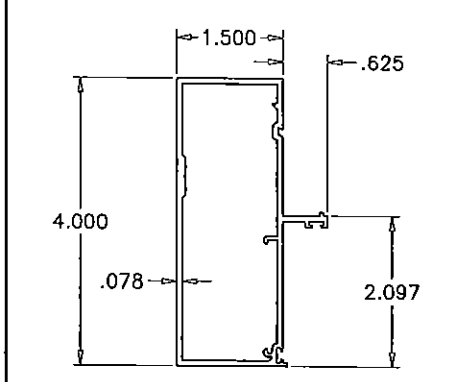
4 SIDELITE TOP & BOTTOM FRAME



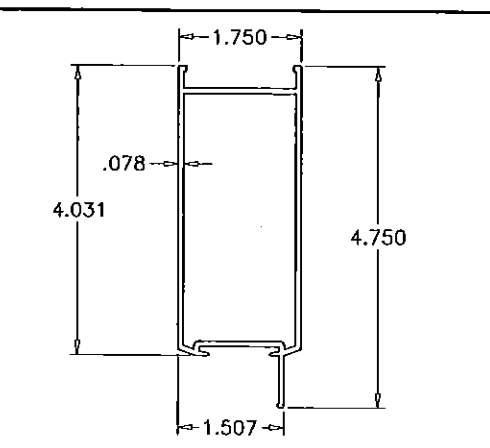
2 FRAME COVER



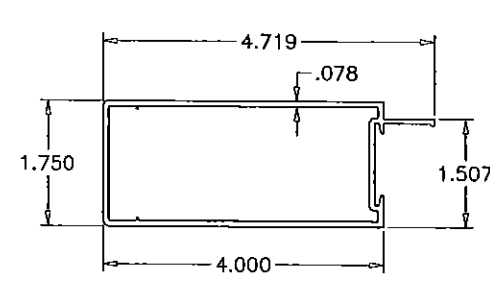
16 SNAP COVER



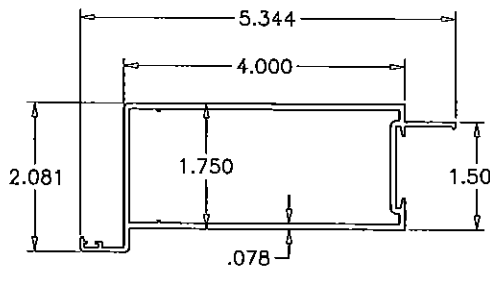
3 DOOR FRAME JAMB



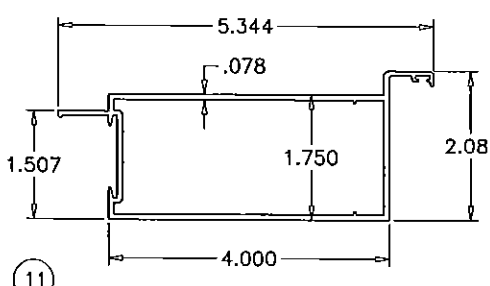
7 LEAF TOP/BOTTOM RAIL



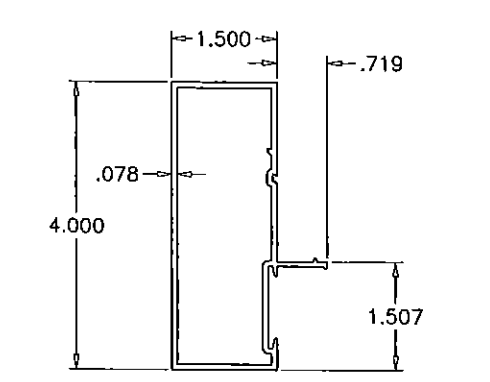
9 LEAF HINGE STILE



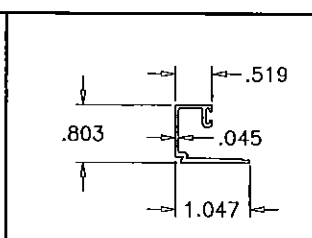
10 LEAF LOCK STILE



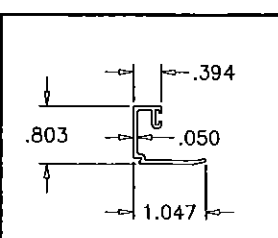
11 LEAF ASTRAGAL STILE



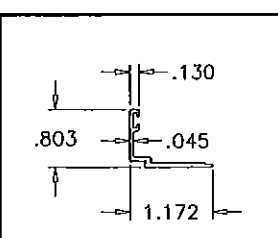
5 SIDELITE FRAME JAMB



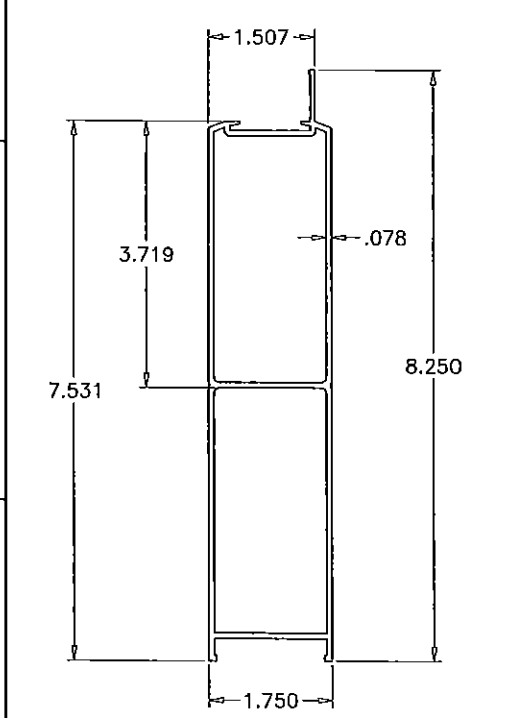
14 GLAZING BEAD
5/16" GLASS



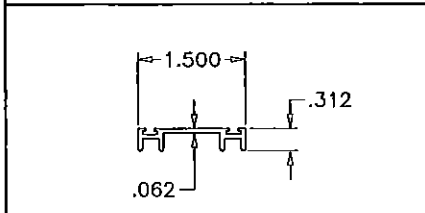
14A GLAZING BEAD
7/16" GLASS



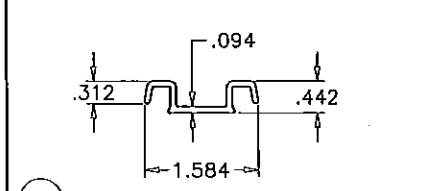
15 GLAZING BEAD
INSUL. GLASS



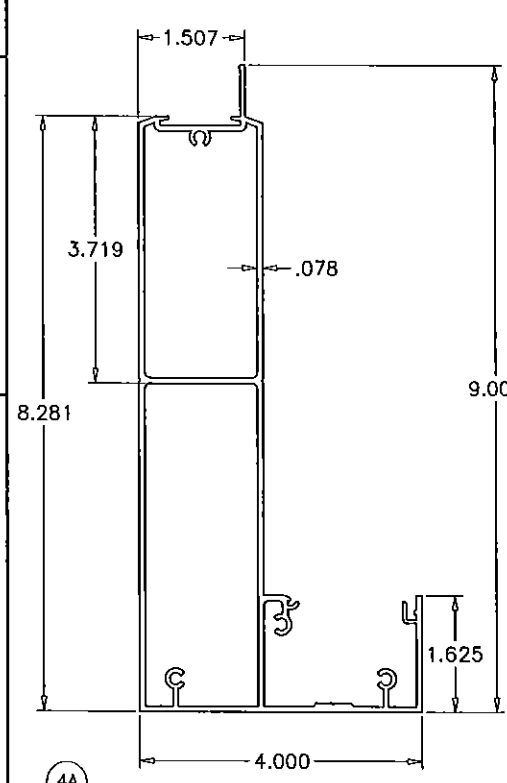
7A 9" BOTTOM RAIL



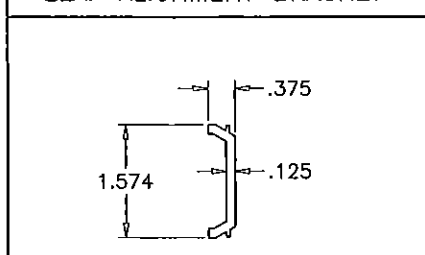
8 LEAF W-STRIP ADAPTER



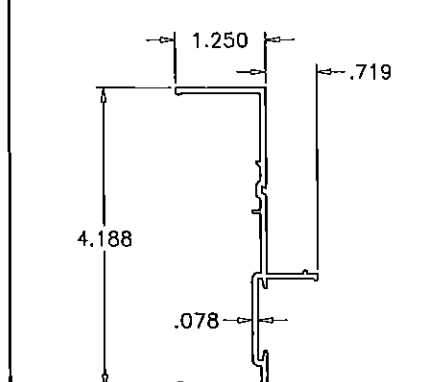
12 LEAF ALIGNMENT BRACKET



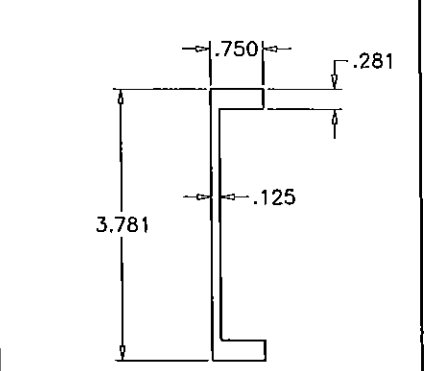
4A SIDELITE 9" BOTTOM FRAME



13 LEAF CLAMP
HINGE BACK-UP PLATE



6 SIDELITE SLIP ON JAMB



18 SIDELITE MULLION REINFORCING

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

SEP 01 2015

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Expiration Date 3/2019
By: *Shahid Chand*
Normal Door Product Control

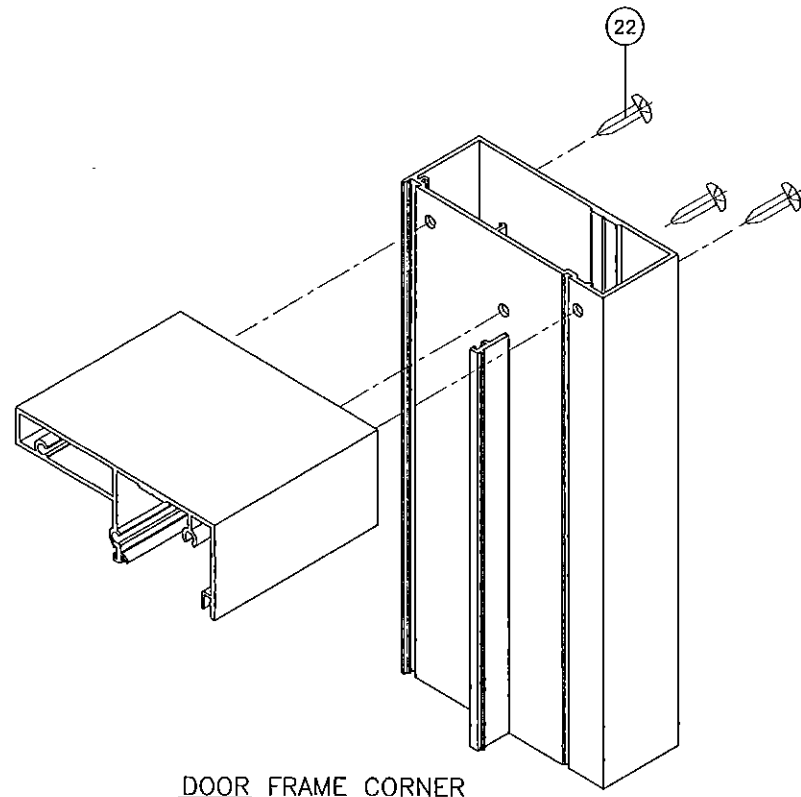
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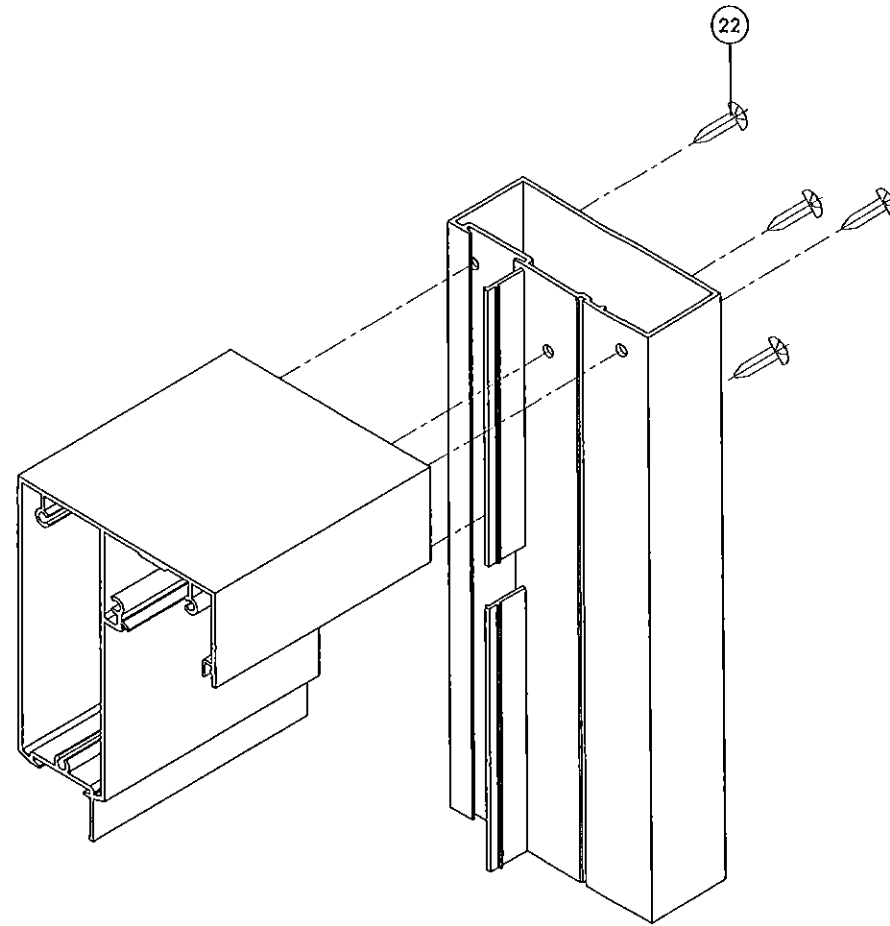
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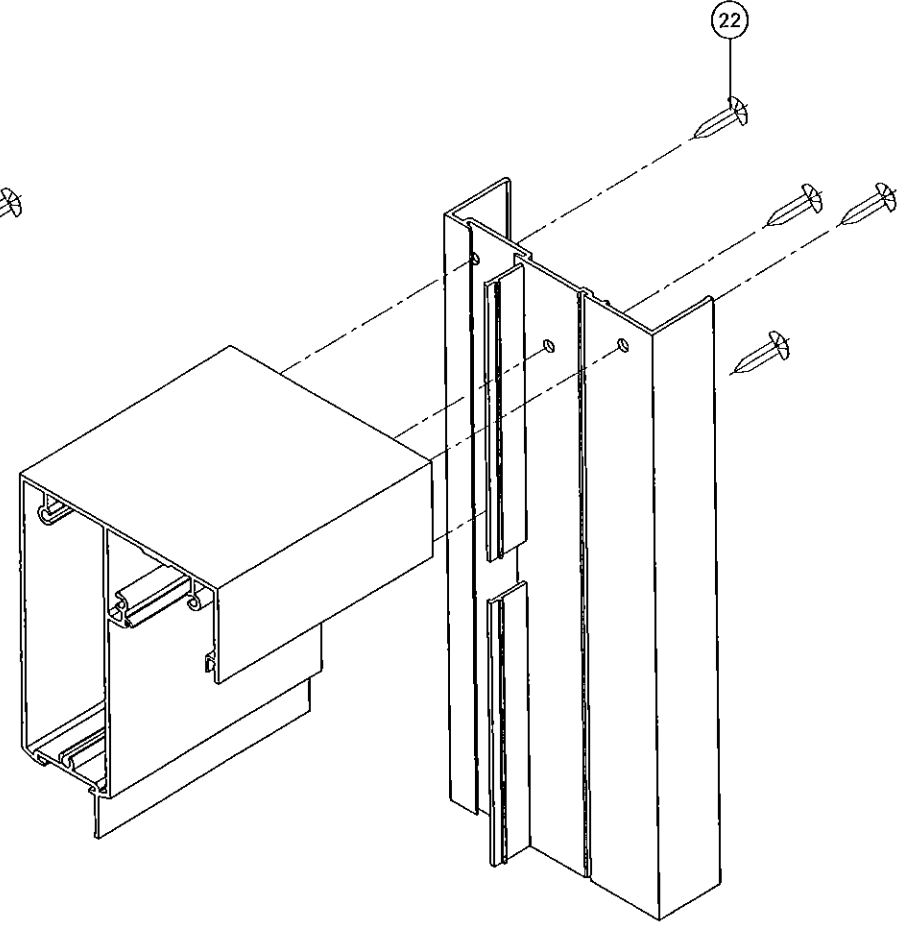
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sheet 8 of 9



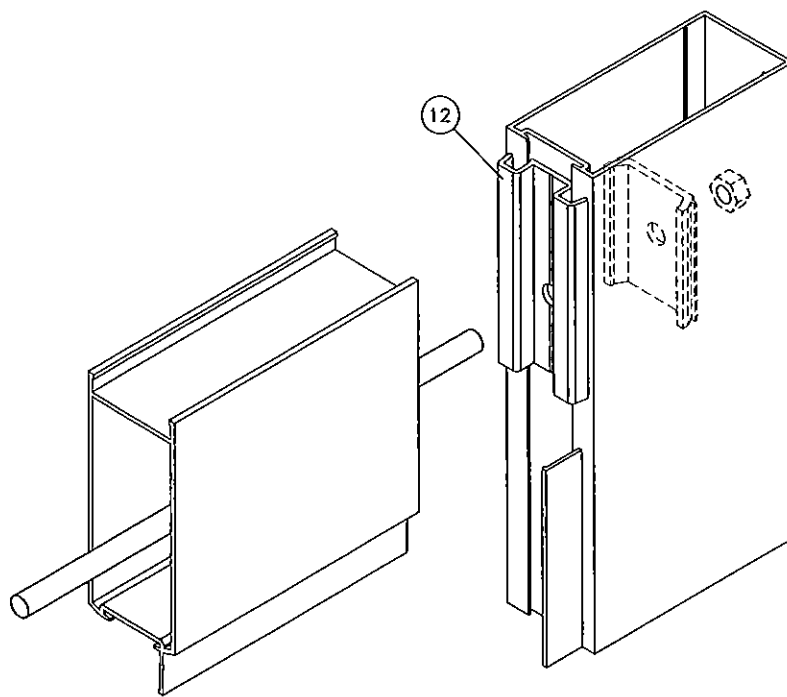
DOOR FRAME CORNER



SIDELITE FRAME CORNER



SIDELITE MULLION SLIP ON JAMB CORNER



LEAF CORNER

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 as complying with the Florida
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Iskhanj. Chandra
 Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. REG. # 70592
 C.A.N. 3538
 SEP 14 2015

afc
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