



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Dor-O-Matic, Inc.
Division of Ingersoll-Rand
7350 W. Wilson Ave.
Harwood Heights, IL 60706**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "65000 Astro-Fold" Automatic Aluminum Bi-Folding Door - Impact

APPROVAL DOCUMENT: Drawing No. **W03-01**, titled "S-6500 "Astro-Fold" Automatic Alum Bifolding Door", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 01-15-03, signed and sealed by Humayoun Farooq, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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

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

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

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

This NOA **renews NOA #00-0128.07** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



Manuel Perez

**NOA No 02-1126.03
Expiration Date: March 27, 2008
Approval Date: May 1, 2003
Page 1**

Dor-O-Matic, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-01**, titled "S-6500 "Astro-Fold" Automatic Alum Bifolding Door", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 01-15-03, signed and sealed by Humayoun Farooq, P. E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94.
 - 4) Large Missile Impact Test, SFBC PA 201-94
 - 5) Cyclic Loading Test, per SFBC PA 203-94

along with installation diagram of an automatic aluminum sliding glass door with fixed panels, prepared by American Test Lab of South Florida Test Report No. **ATL-0521.01-96** dated June 6, 1996 and revised on July 30, 1996, signed and sealed by William R. Mehner, P.E.

C. CALCULATIONS

1. Anchor calculations for NT Dor-O-Matic Astroslide automatic sliding glass doors, prepared by: SE & Associates, Inc. dated 8/13/96, signed and sealed by Sanjeev N. Shah, P.E.
2. Anchor calculations for Series 96000 Astro-Fold Automatic Aluminum Bifolding Doors, prepared by: Al-Farooq Corporation. dated March 4, 2003, signed and sealed by Humayoun Farooq, P.E.

D. MATERIAL CERTIFICATIONS

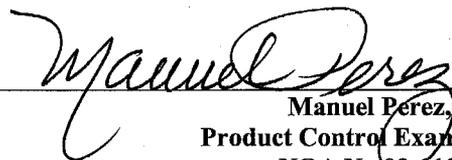
1. None.

E. STATEMENTS

1. Statement letter of conformance, dated March 4, 2003, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated March 4, 2003, signed and sealed by Humayoun Farooq, P.E.

F. OTHER

1. Notice of Acceptance No. 00-0128.07, issued to NT Dor-O-Matic Inc. for their Series "Astro-Slide" Automatic Aluminum Sliding Glass Doors, approved on 4/21/00 and expiring on 3/27/03.



Manuel Perez, P.E.
Product Control Examiner
NOA No 02-1126.03
Expiration Date: March 27, 2008
Approval Date: May 1, 2003

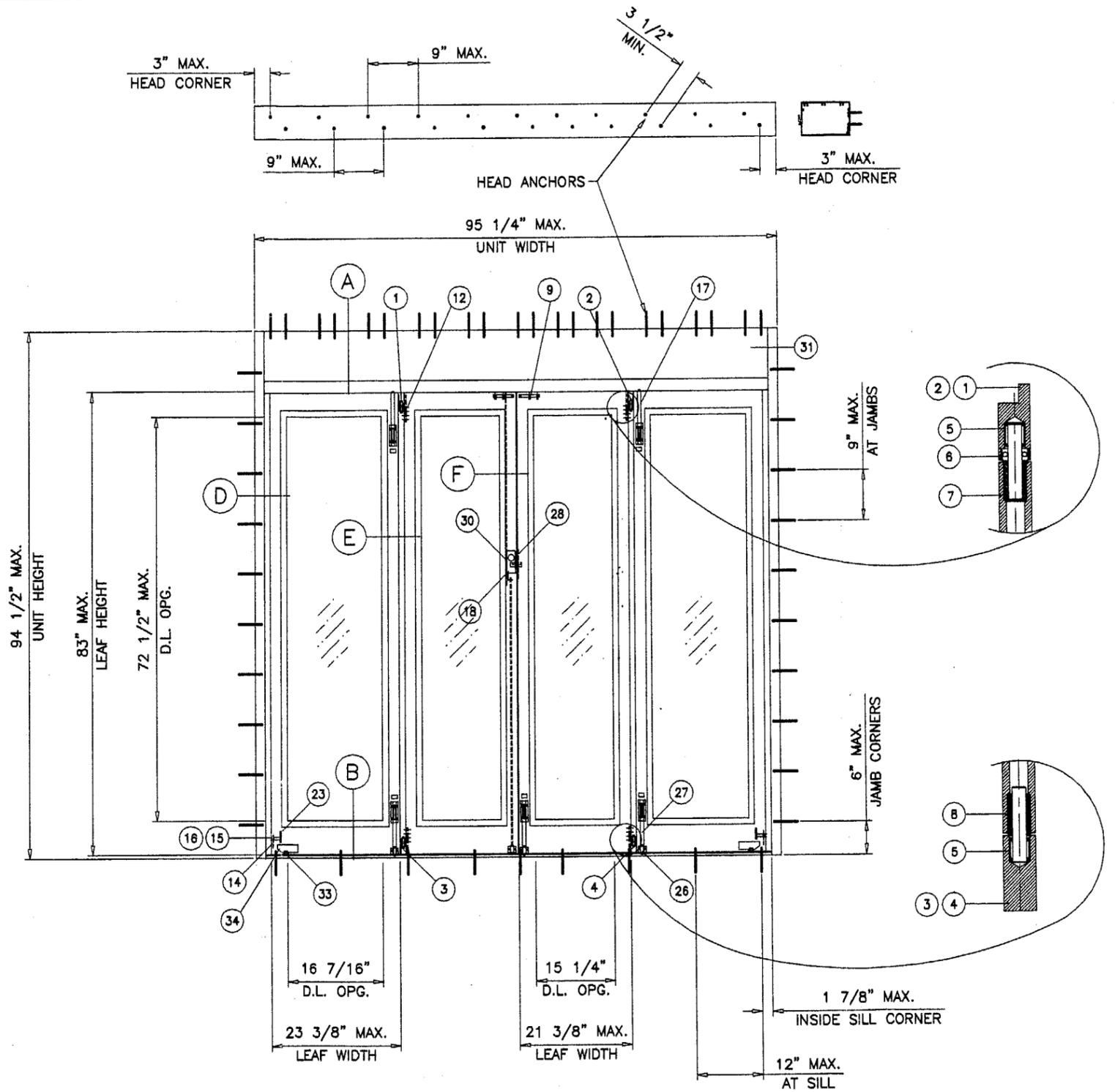
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date: 01-15-03	scale: 1/2"=1'-0"	dr. by: HAMID	chk. by:
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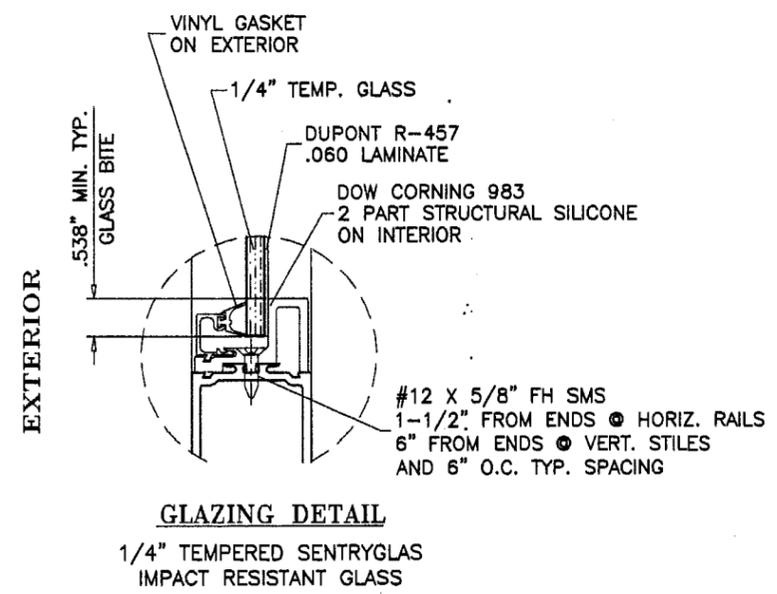
drawing no. W03-01	sheet 1 of 5
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Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
MAR 13 2003

Approved as complying with the
 Florida Building Code
 Date MAY 1, 2003
 NOA# 02-1126.03
 Miami Dade Product Control
 Division
 By *[Signature]*



TYPICAL ELEVATION
 FS-FX-FX-FS
 TESTED UNIT



GLAZING DETAIL
 1/4\"/>

MAXIMUM DESIGN LOAD RATING = + 60.0
 (FOR SIZE SHOWN ABOVE OR SMALLER) - 60.0 PSF

SERIES 65000 'ASTROFOLD'
AUTOMATIC ALUMINUM BIFOLDING DOORS

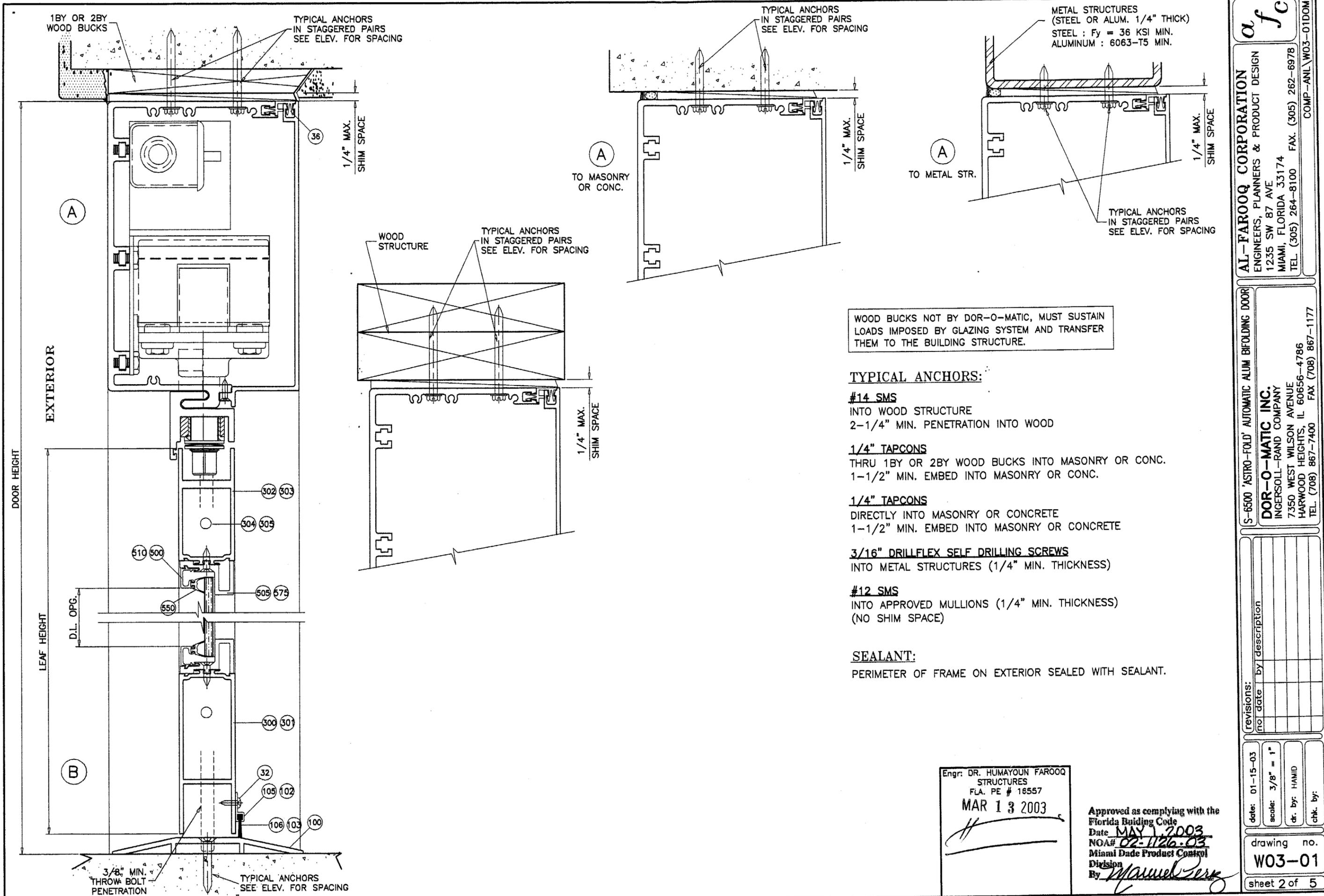
DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT, SHUTTERS ARE NOT REQUIRED.
 DOOR NOT RATED FOR WATER INFILTRATION AND MUST BE PROTECTED BY AN OVERHANG OR ACCESS NON HABITABLE AREA.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.



AL-FAROQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL/W03-01DOM

S-6500 'ASTRO-FOLD' AUTOMATIC ALUM BIFOLDING DOOR

DOR-O-MATIC INC.
INGERSOLL-RAND COMPANY
7350 WEST WILSON AVENUE
HARWOOD HEIGHTS, IL 60656-4786
TEL. (708) 867-7400 FAX (708) 867-1177

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
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Miami Dade Product Control Division
By Manuel Bern

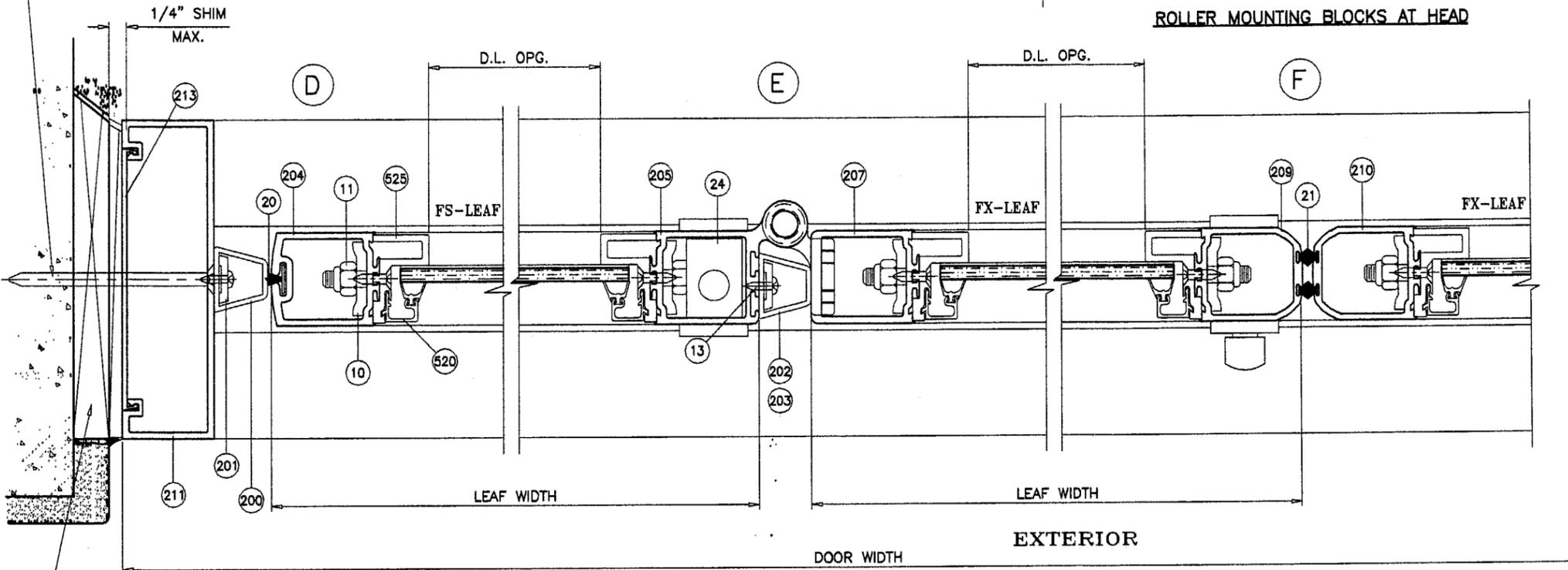
revisions:	no	date	by	description

date: 01-15-03
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-01

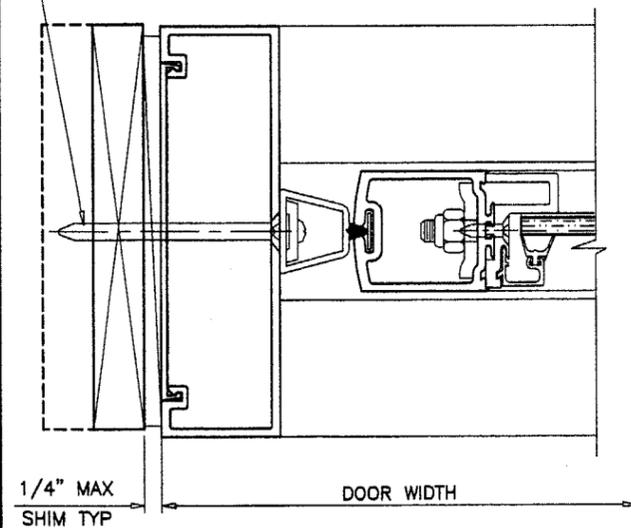
sheet 2 of 5

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

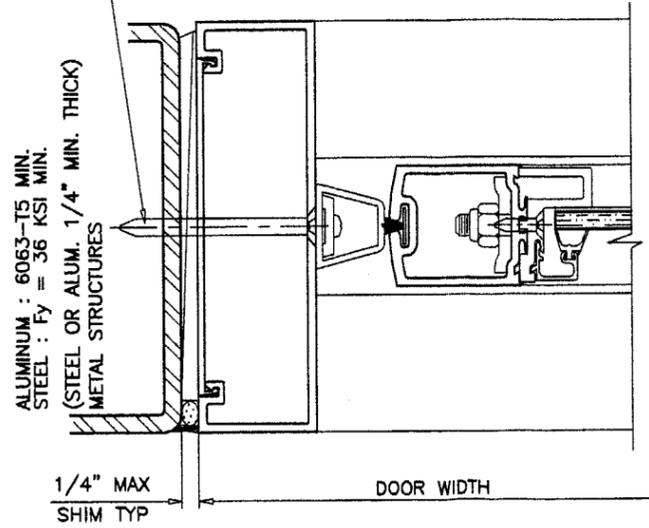


WOOD BUCKS NOT BY DOR-O-MATIC
MUST SUSTAIN IMPOSED LOADS

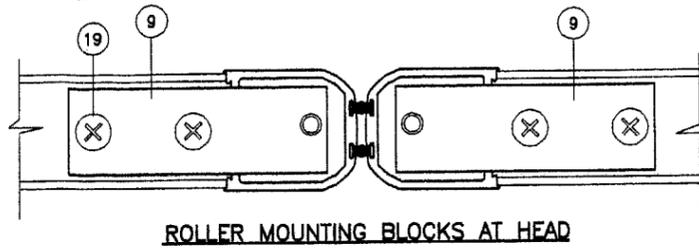
TYPICAL ANCHORS
SEE ELEV. FOR SPACING



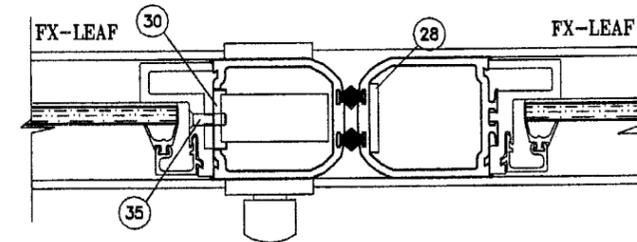
TYPICAL ANCHORS
SEE ELEV. FOR SPACING



ALUMINUM : 6063-T5 MIN.
STEEL : Fy = 36 KSI MIN.
(STEEL OR ALUM. 1/4\"/>



ROLLER MOUNTING BLOCKS AT HEAD



REINFORCING PLATES AT LOCK LOCATION

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557

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Miami Dade Product Control
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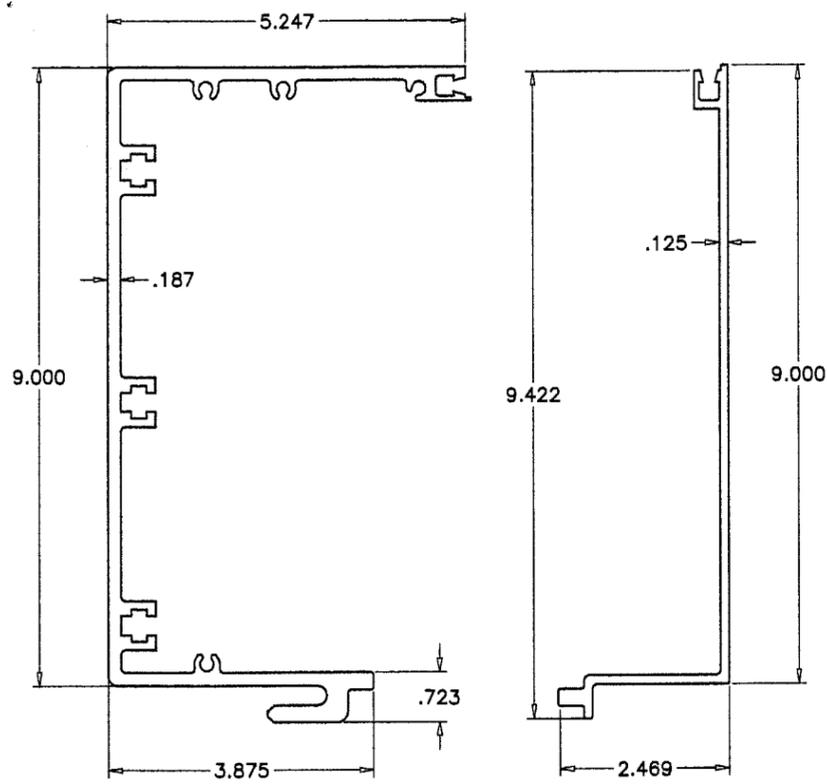
S-6500 'ASTRO-FOLD' AUTOMATIC ALUM BIFOLDING DOOR
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INGERSOLL-RAND COMPANY
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TEL. (708) 867-7400 FAX (708) 867-1177

revisions:	no	date	by	description

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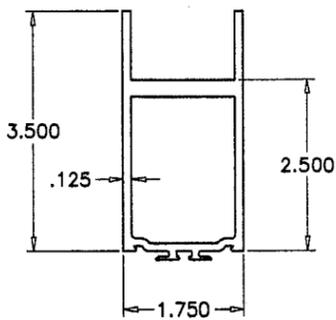
drawing no.
W03-01

sheet 3 of 5

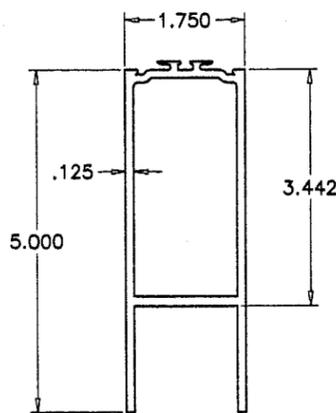


HEADER

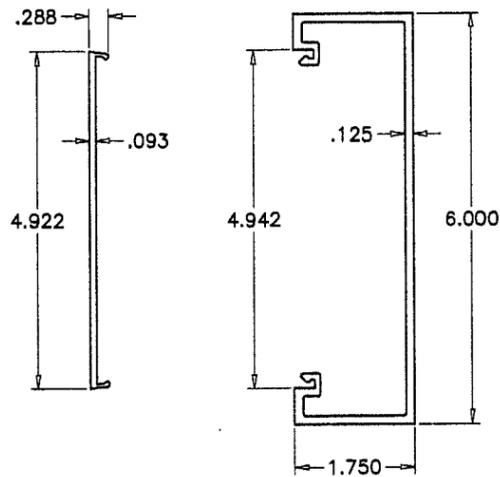
HEADER COVER



TOP RAIL

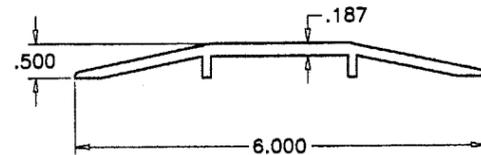


BOTTOM RAIL

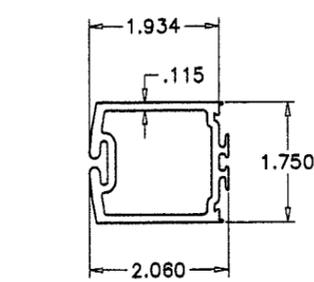


FILLER PLATE

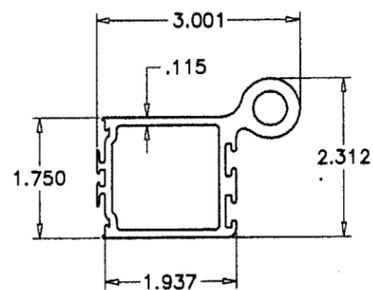
JAMB



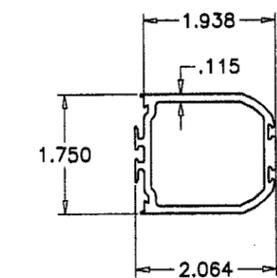
THRESHOLD



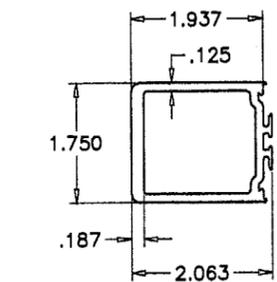
JAMB STILE



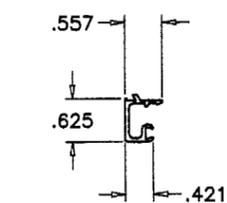
PIVOT STILE



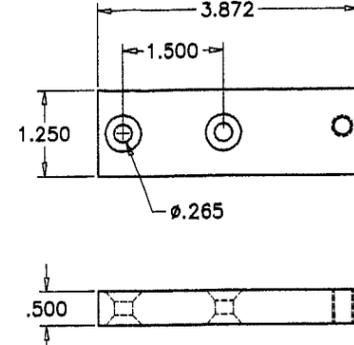
NOSE STILE



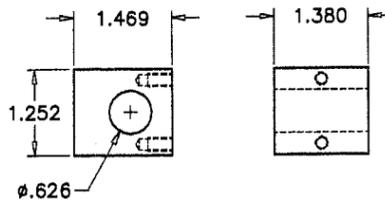
STILE



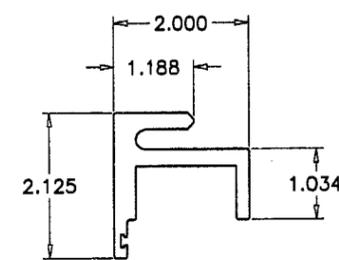
INT. GLASS STOP



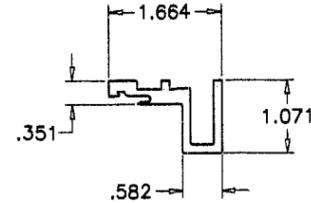
ROLLER MOUNTING BLOCK



GUIDE BLOCK



CARRIER EXTRUSION



EXT. GLASS STOP

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557

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Miami Dade Product Control
Division
By Hamid

date: 01-15-03
scale: 3/8" = 1"
dr. by: HAMID
chk. by:
drawing no.
W03-01
sheet 4 of 5

S-6500 'ASTRO-FOLD' AUTOMATIC ALUM BIFOLDING DOOR

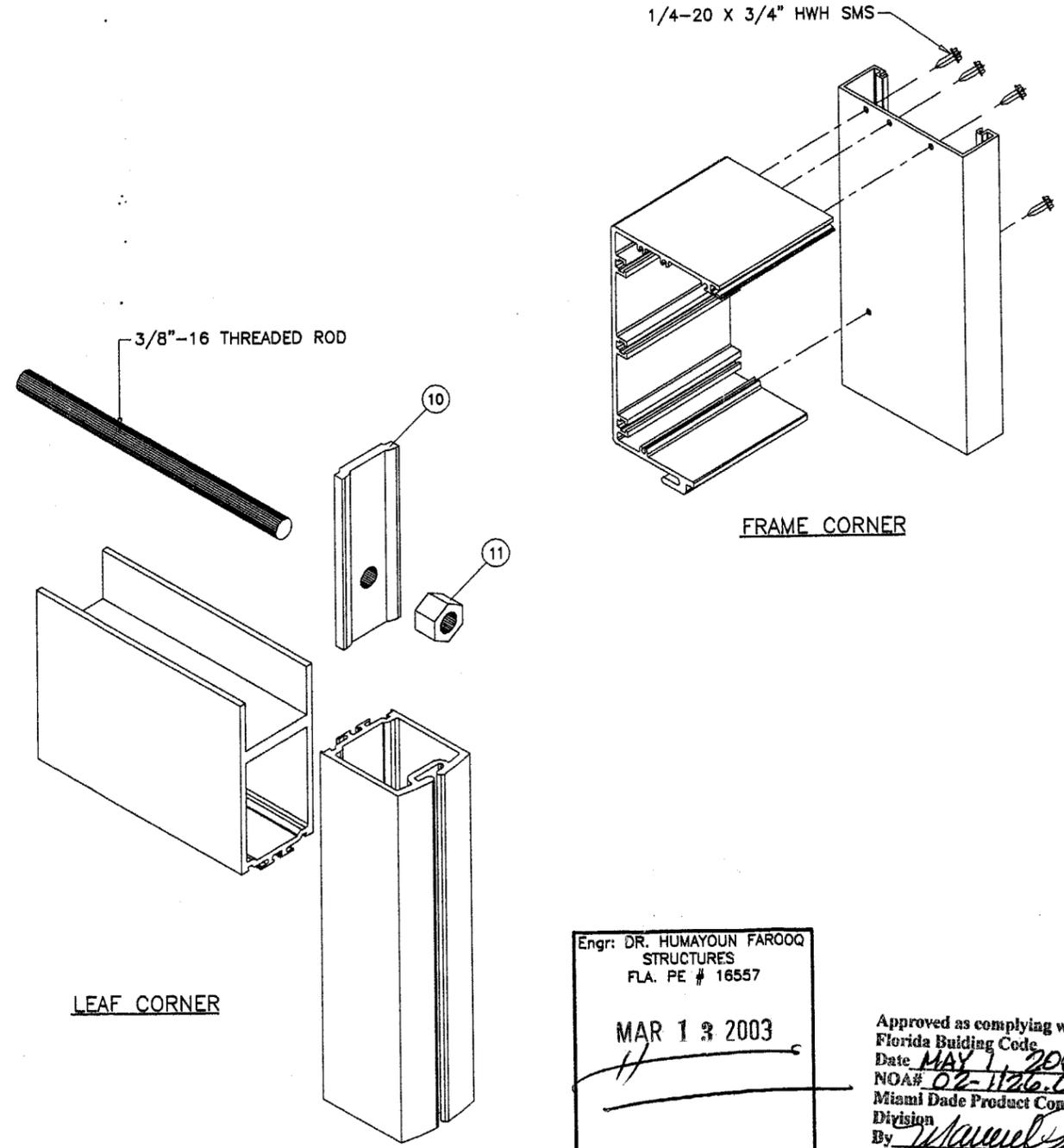
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afc
COMP-ANL\W03-01DOM

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	65284-100	1	R. H. TOP PIVOT, 5" LONG	-	-
2	65285-100	1	L. H. TOP PIVOT, 5" LONG	-	-
3	65286-100	1	R. H. BOTTOM PIVOT, 5" LONG	-	-
4	65287-100	1	L. H. BOTTOM PIVOT, 5" LONG	-	-
5	65291-100	4	NEEDLE ROLLER BEARING	-	-
6	65290-600	2	THRUST BEARING	-	-
7	66407-900	2	TOP PIN BUSHING ASSEMBLY	-	-
8	66408-900	2	BOTTOM PIN BUSHING ASSEMBLY	-	-
9	65277-100	2	ROLLER MOUNTING BLOCK	ALUMINUM	-
10	4204100703	14	BACK UP PLATE	-	-
11	4204100702	16	3/8-16 HEX NUT	-	-
12	70202-600	4/ PIVOT	1/4-20 X .5 PH. F.H.M.S.	-	-
13	4299100691	16	#8 RD. HD. SMS AT 12" O.C.	-	-
14	4236101095	4	DRESS PLATE	-	-
15	4236101087	4	DRESS PLATE BRACKET	-	-
16	81311-600	8	#8-32 FL. HD. PH. UC M.S.	-	-
17	66510-900	2	DEAD LOCK ASS'Y	-	-
18	65204-900	1	2 POINT HOOK/DEAD LOCK, 53" FROM BOTTOM	-	ADAMS RITE
19	4299100747	4	1/4-20 FH. PH. TF.	-	MOUNTING BLOCK SCREWS
20	66530-600	-	WEATHER STRIP, PILE WITH PLASTIC FIN	-	.290" HIGH, AMESBURY
21	66529-600	-	WEATHER STRIP, PILE WITH PLASTIC FIN	-	.360" HIGH, AMESBURY
23	4204101924	2	BACK UP PLATE	-	-
24	66525-100	2	GUIDE BLOCK	2024-T4	-
26	66520-100	4	GUIDE BLOCK	2024-T4	-
27	65203-900	4	MANUAL SLIDE BOLT LOCK	-	-
28	66518-100	1	ARMORED STRIKE, 5" X 1" X 1/8"	STEEL	FACING LOCK STILE
30	66531-100	1	LOCK SUPPORT PLATE, 1" X .188 THK.	C.R. STEEL	30" LONG
31	66505-900	1	HEADER ASS'Y, MECHANISM & CONTROLS	-	INSIDE HEADER
32	104121-600	12	#8-32 X 1/4" R.H. SELF THREADING	-	-
33	10160-000	2	PIVOT POST ASS'Y	-	-
34	10150-000	2	PIVOT HOUSING	-	-
35	66601-600	96	#12-24 SELF TAPPING SCREW	-	-
36	65389-500	1	HINGE	VINYL	-
37	65259-500	1	CARRIER EXTRUSION	6063-T5	-
100	65500-100	1	THRESHOLD	6063-T5	-
102	66539-100	2	BRUSH HOLDER, FX LEAF	6063-T5	-
103	66540-100	2	BRUSH	-	-
105	66542-100	2	BRUSH HOLDER, FS LEAF	6063-T5	-
106	66543-100	2	BRUSH	-	-
200	65310-100	2	FINGER GUARD, JAMB	DUROMETER	SANTOPRENE 73
201	65313-100	2	FINGER GUARD BASE, JAMB	ALUMINUM	.911 W X .171 THK.
202	65311-100	2	FINGER GUARD, DOORS	DUROMETER	SANTOPRENE
203	65314-100	2	FINGER GUARD BASE, DOORS	ALUMINUM	.911 W X .171 THK.
204	65303-100	2	JAMB STILE	6063-T5	-
205	66524-100	1	PIVOT STILE, R.H.	6063-T5	-
206	66526-100	1	PIVOT STILE, L.H.	6063-T5	-
207	65295-100	2	STILE	6063-T5	-
209	66527-100	1	NOSE LOCK STILE	6063-T5	-
210	66523-100	1	NOSE STILE	6063-T5	-
211	65413-100	2	JAMB	6063-T5	-
213	65414-100	2	JAMB FILLER PLATE	6063-T5	-

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
300	65320-100	2	DOOR BOTTOM RAIL, FS LEAF	6063-T5	-
301	65321-100	2	DOOR BOTTOM RAIL, FX LEAF	6063-T5	-
302	65317-100	2	DOOR TOP RAIL, FS LEAF	6063-T5	-
303	65318-100	2	DOOR TOP RAIL, FX LEAF	6063-T5	-
304	65323-100	4	TIE ROD, FS LEAF	-	-
305	65324-100	4	TIE ROD, FX LEAF	-	-
500	66536-100	4	OUTSIDE GLASS STOP, FS HOR.	-	-
505	66534-100	4	INSIDE SUPPORT ANGLE, FS HOR.	-	-
510	66537-100	4	OUTSIDE GLASS STOP, FX HOR.	-	-
515	66535-100	4	INSIDE SUPPORT ANGLE, FX HOR.	-	-
520	66533-100	8	OUTSIDE GLASS STOP, VERT.	-	-
525	66532-100	8	INSIDE SUPPORT ANGLE, VERT.	-	-
550	66545-500	-	DOOR GLAZING GASKET	VINYL	-
551	66548-600	1	OPEN CELL FOAM PAD 2X2X3/8"	-	AT OVERHEAD END OF ROLLER ASSY.



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
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