



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

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

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**NT Dor-O-Matic Inc.**  
7350 W. Wilson Avenue  
Harwood Heights IL 60656

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT SECTION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

*Series 6500 "Astro-Fold" Automatic Aluminum Bifolding Door - Impact.*

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.

If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**Acceptance No.: 00-0128.07**

**Expires: 03/27/2003**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS**

**BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director

Miami-Dade County  
Building Code Compliance Office

**Approved: 04/21/2000**

1 of 3



**NT Dor-O-Matic, Inc.**

ACCEPTANCE No.: 00-0128.07

APPROVED : APR 21 2000

EXPIRES : March 27, 2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This **renews** the Notice of Acceptance No. 96-0926.03 which was issued on March 3, 1997. It approves an automatic aluminum bifolding door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

**2. PRODUCT DESCRIPTION**

2.1 The **Series 65000 "Astro-Fold" Automatic Aluminum Bifolding Door - Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **66501-900**, titled "Astro-Fold Door Assembly Hurricane Package – (Bi-Parting Unit)" Sheets 1 thru 3 of 3 dated 2/20/96, w/revision A dated 3/27/00, 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. These documents shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.
- 3.3 Automatic door operator must bear UL label.

**4. INSTALLATION**

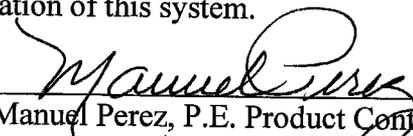
- 4.1 The automatic door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

**5. LABELING**

- 5.1 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".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1 Application for building permit shall be accompanied by copies of the following:
  - 6.1.1 This Notice of Acceptance
  - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
  - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

**NT Dor-O-Matic, Inc.**

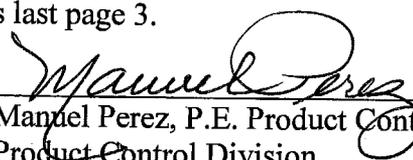
**ACCEPTANCE No.:** 00-0128.07

**APPROVED** : APR 21 2000

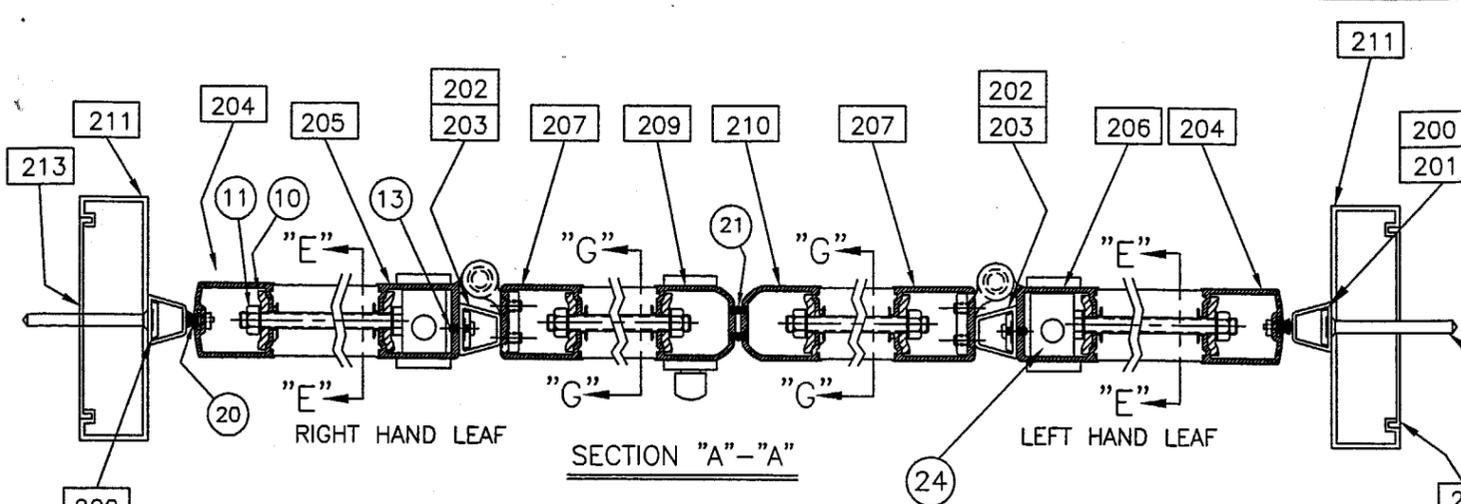
**EXPIRES** : March 27, 2003

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

  
Manuel Perez, P.E. Product Control Examiner  
Product Control Division

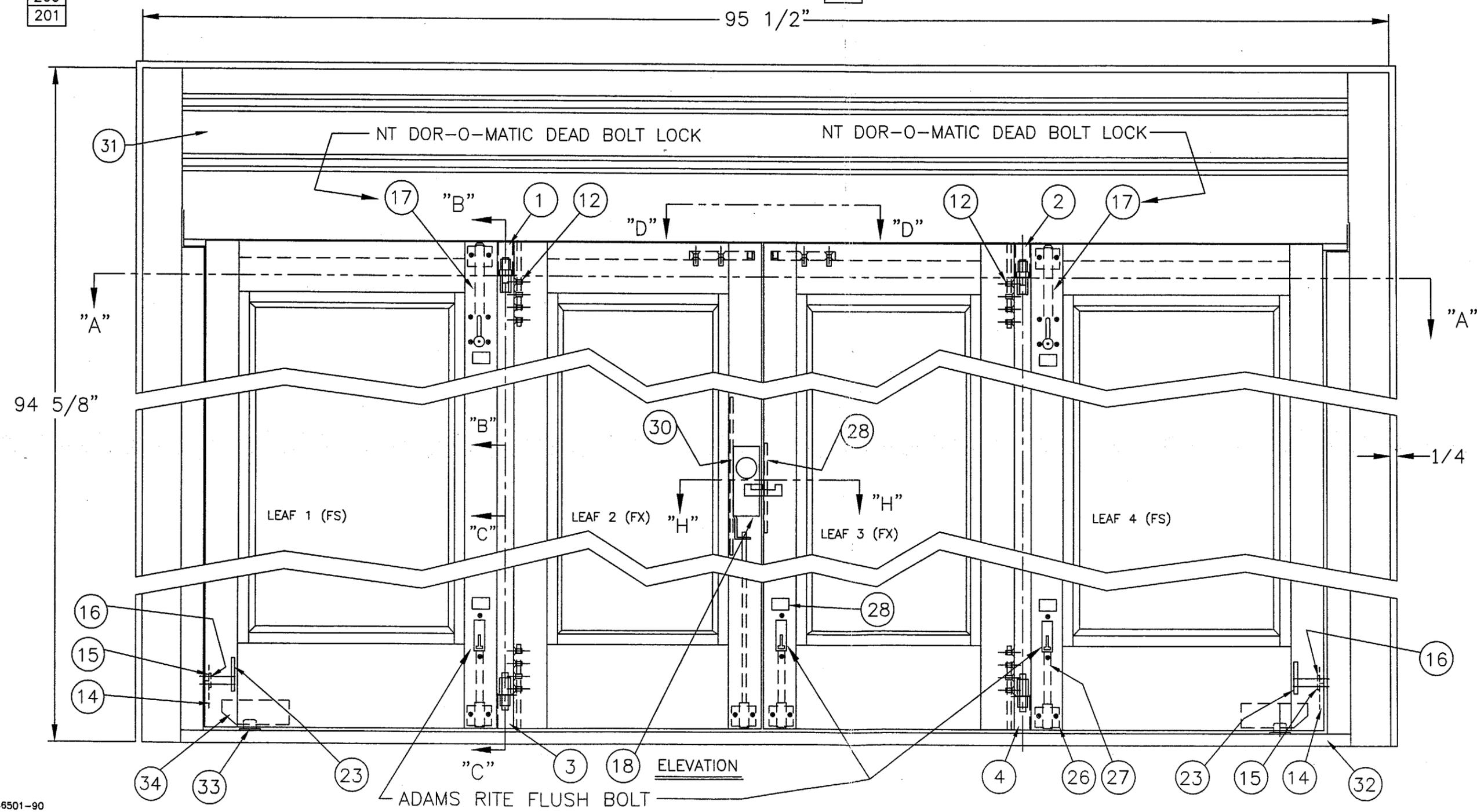
**END OF THIS ACCEPTANCE**



PART NO. 66501-900	PART NAME ASTRO-FOLD DOOR ASSEMBLY HURRICANE PACKAGE (BI-PARTING UNIT)	DOR-O-MATIC DIVISION OF REPUBLIC INDUSTRIES, INC. 7350 West Wilson Avenue Harwood Heights, IL 60656	LTR	REVISION	DATE
	MATERIAL SHEET #1 OF 3		DR. K. BAILEY 2-20-96	A	00104: UPDATE DWG.
REV.	USED ON	QTY.	TOLERANCES: UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS. DECIMAL: 3-PLCS = ±.005 2-PLCS = ±.010 1-PLC = ±.020 FRACTIONAL: ±1/32 ANGULAR: ±1/2° ALL MACHINED SURFACES 125/ NOTE: MUST BE FREE OF BURRS & SHARP EDGES.		
	SCALE		PRODUCTION		
			TOOLING		

1/4" X 3 3/4" TAPCON © CONCRETE  
OR #12 X 3 1/4" © WOOD BUCKS,  
ON MAX. 9" CENTER. TYPICAL BOTH SIDES

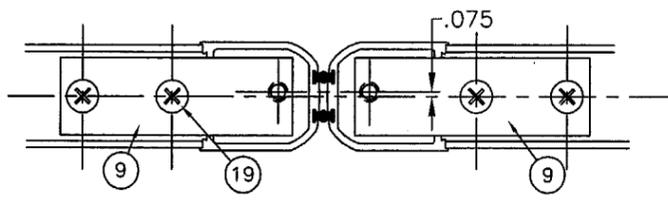
NOTE: 1. HURRICANE PROTECTIVE SHUTTER NOT REQUIRED  
2. DESIGN PRESSURE RATING ±60.0 PSF



APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE *April 21, 2000*  
BY *Manuel...*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. *00-0128.07*

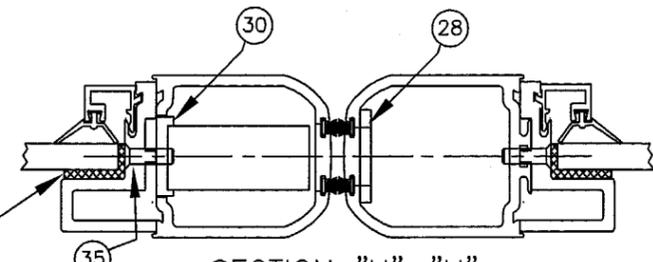
SHEET #1 OF 3

REV.	PART NO. 66501-900
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NOTE: .075 OFFSET OF ITEM 9 IS ALWAYS TOWARDS THE HINGE SIDE

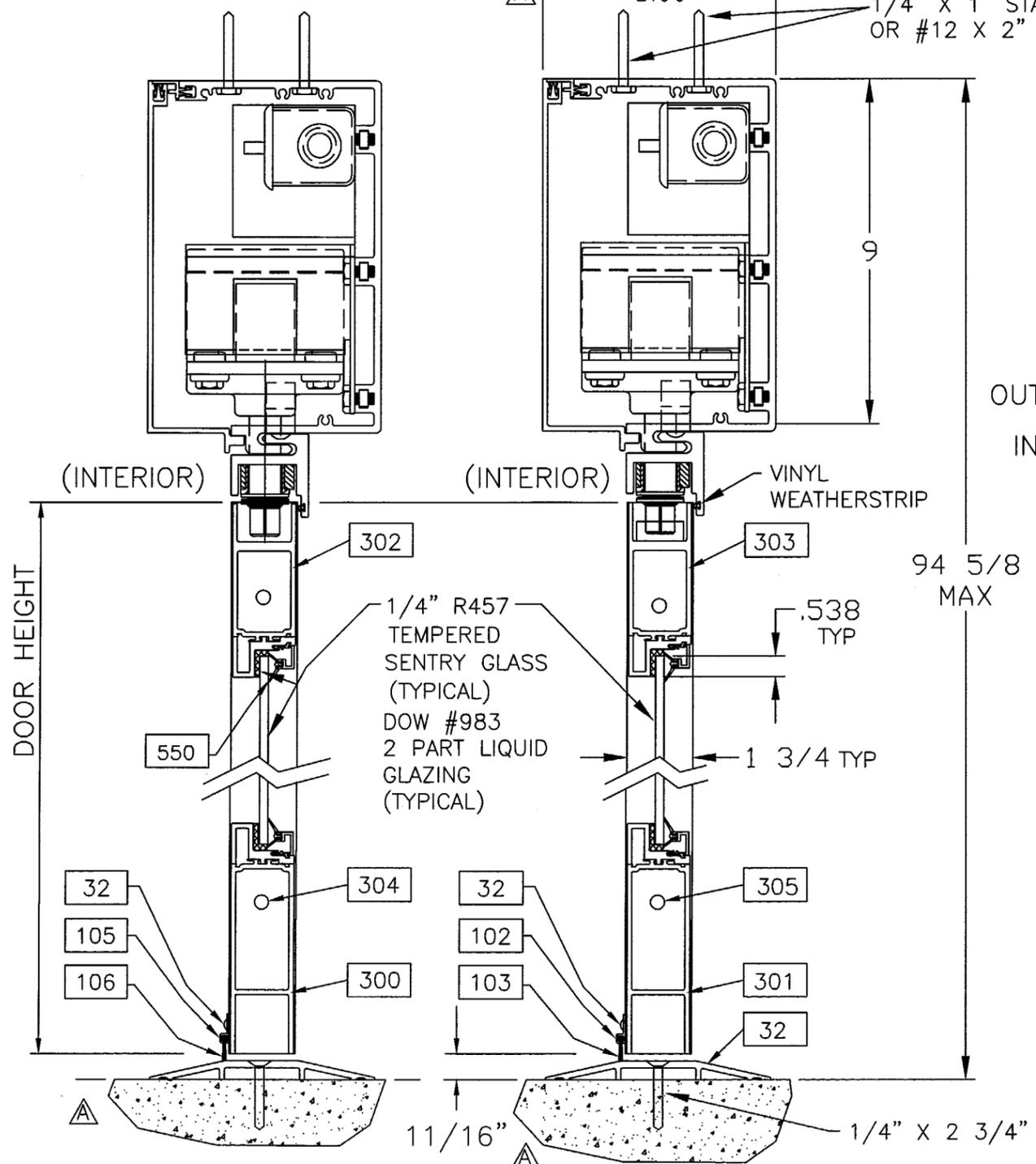
VIEW "D"- "D"



SECTION "H"- "H"

DOW #983  
2 PART LIQUID GLAZING (TYPICAL)

1/4" X 1" STAINLESS STEEL HEX HEAD SCREW @ STEEL  
OR #12 X 2" @ WOOD BUCKS. (2) ROWS ON 9" CENTER  
AND 3" FROM EACH CORNER



SECTION "E"- "E"

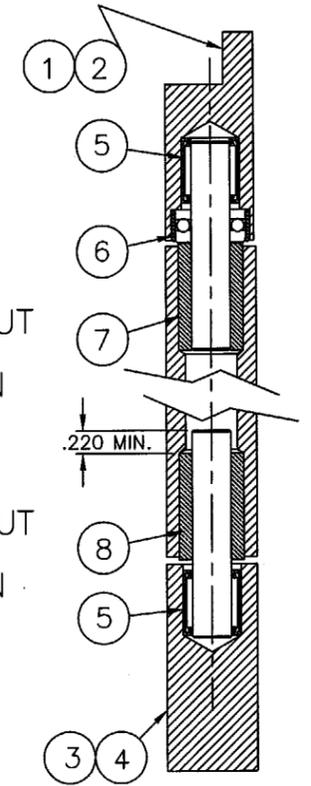
SECTION "G"- "G"

1/4" X 2 3/4" TAPCONS @ CONCRETE OR #12 X 2" SMS @ WOOD BUCKS.  
INSTALL AT 1 7/8 FROM EACH CORNER W/REMAINING SPACED  
AT 12" ON CENTER, TOTAL (9) REQ'D.  
NOTE: MINIMUM EMBEDMENT OF 1-1/4" FOR TAPCONS AND 1-1/2 FOR #12 SMS

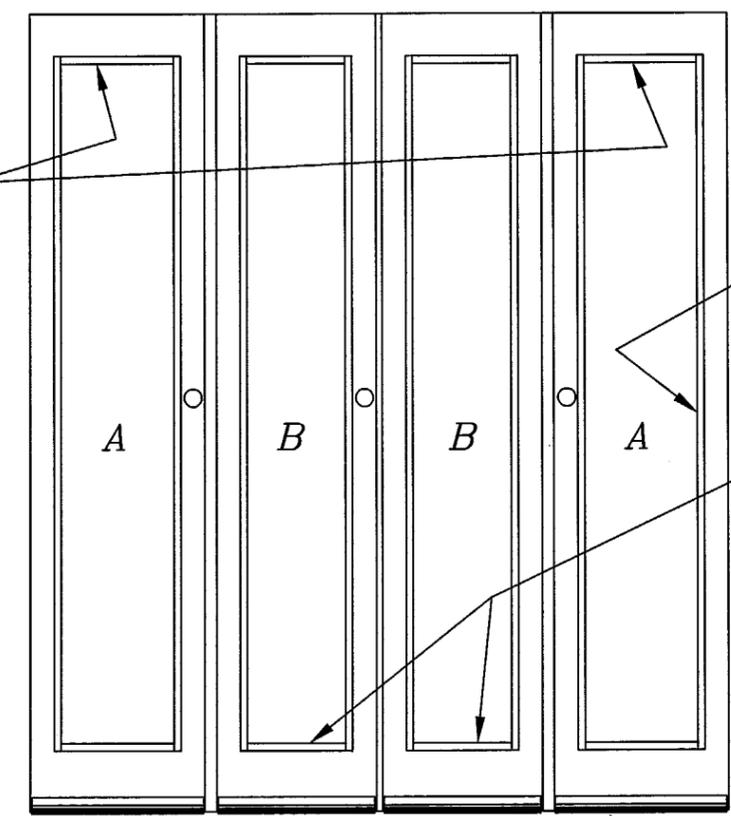
REV PART NO. 66501-900	PART NAME ASTRO-FOLD DOOR ASSEMBLY HURRICANE PACKAGE (BI-PARTING UNIT)	<b>DOR-O-MATIC®</b> 7350 W. WILSON HARWOOD HEIGHTS, ILLINOIS 60656		LTR A	0000 REVISION 00104: UPDATE DRAWING	DATE 3-27-00
	MATERIAL SHEET #2 OF 3	DR. K. BAILEY 2-14-96 CHK'D. APPR.		APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE <i>April 21, 2000</i> BY <i>Manuel...</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <i>00-0128.07</i>		
	USED ON HURRICANE ASTRO-FOLD	QTY 1	DIMENSIONAL TOLERANCES FRACTIONAL ± .015 DECIMAL ± .005 UNLESS OTHERWISE SPECIFIED	PRODUCTION TOOLING		
	SCALE					

FOR MATERIAL OF INDIVIDUAL COMPONENTS,  
SEE PIECE PART DRAWINGS

SECTION "B"- "B"



SECTION "C"- "C"



ELEVATION  
(INTERIOR)

SURFACE APPLIED SWEEP

DO NOT SCALE DRAWING  
SHEET #2 OF 3

REV. A	PART NO. 66501-900
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ITEM NO.	PART NO.	DESCRIPTION	QUAN.
1	65284-100	R. H. TOP PIVOT	1
2	65285-100	L. H. TOP PIVOT	1
3	65286-100	R. H. BOTTOM PIVOT	1
4	65287-100	L. H. BOTTOM PIVOT	1
5	65291-100	NEEDLE ROLLER BEARING	4
6	65290-600	THRUST BEARING	2
7	66407-900	TOP PIN BUSHING ASSEMBLY	2
8	66408-900	BOTTOM PIN BUSHING ASSEMBLY	2
9	65277-100	ROLLER MOUNTING BLOCK	2
10	4204100703	BACK UP PLATE	14
11	4204100702	3/8-16 HEX NUT	16
12	70202-600	1/4-20 X .5 PH. F.H.M.S.	16
13	4299100691	#8 RD. HD. SMS Type A	16
14	4236101095	DRESS PLATE	4
15	4236101087	DRESS PLATE BRACKET	4
16	81311-600	#8-32 FL. HD. PH. UC M.S.	8
17	66510-900	DEAD LOCK ASS'Y	2
18	65204-900	HOOK/DEAD LOCK	1
19	4299100747	1/4-20 FH. PH. TF. Type C	4
20	66530-600	WEATHER STRIP	16 ft
21	66529-600	WEATHER STRIP	32 ft
22	66450-900	JAMB/FLOOR MOUNTING KIT	1
23	4204101924	BACK UP PLATE	2
24	66525-100	GUIDE BLOCK	2
25	4299100746	10-24 X 3/8 F.H.PH. TYPE "F" TREAD CUTTING SCREW	22
26	66520-100	GUIDE BLOCK	4
27	65203-900	LOCK	4
28	66518-100	ARMORED STRIKE	1
29	66519-600	LOCK LABEL	6
30	66531-100	LOCK SUPPORT	1
31	66505-900	HEADER ASS'Y	1
32	104121-600	#8-32 X 1/4" R.H. Self Threading, Phillips Drive	12
33	10160-000	POST ASS'Y	2
34	10150-000	PIVOT HOUSING	2
35	66601-600	#12-24 SELF TAPPING SCREW	96

SHEET #3 OF 3

JAMBS AND STILES				
ITEM NO.	PART NO.	DESCRIPTION	QUAN.	DIM. "A"
200	65310-100	Finger Guard, Jamb	2	
201	65313-100	Finger Guard Base, Jamb	2	
202	65311-100	Finger Guard, Doors	2	
203	65314-100	Finger Guard Base, Doors	2	
204	65303-100	JAMB STILE	2	
205	66524-100	PIVOT STILE , R.H.	1	
206	66526-100	PIVOT STILE , L.H.	1	
207	65295-100	STILE	2	
209	66527-100	NOSE LOCK STILE	1	
210	66523-100	NOSE STILE	1	
211	65413-100	JAMB	2	
212				
213	65414-100	JAMB FILLER PLATE	2	
100	65500-100	THRESHOLD	1	
102	66539-100	BRUSH HOLDER, FX LEAF	2	
103	66540-100	BRUSH	2	
105	66542-100	BRUSH HOLDER, FS LEAF	2	
106	66543-100	BRUSH	2	
110	65350-900	JAMB FINGER GUARD MOUNTING SCREW PACK	1	

REV.	PART NO. 66400-900	PART NAME ASTRO-FOLD DOOR ASSEMBLY HURRICANE PACKAGE (BI-PARTING UNIT)	 <b>DOR-O-MATIC</b> DIVISION OF REPUBLIC INDUSTRIES, INC. 7350 West Wilson Avenue Harwood Heights, IL 60656	LTR	REVISION	DATE
		MATERIAL SHEET #3 OF 3		A	00104: UPDATE DWG	3-27-00
		USED ON	QTY.	DR. K. BAILEY 2-20-96		
		SCALE		TOLERANCES: UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS. DECIMAL: 3-PLCS = ±.005 2-PLCS = ±.010 1-PLC = ±.020 FRACTIONAL: ±1/32 ANGULAR: ±1/2° ALL MACHINED SURFACES NOTE: MUST BE FREE OF BURRS & SHARP EDGES.	PRODUCTION	
					TOOLING	

DOOR RAILS				
ITEM NO.	PART NO.	DESCRIPTION	QUAN.	DIM. "A"
300	65320-100	Door Bottom Rail, FS Leaf	2	
301	65321-100	Door Bottom Rail, FX Leaf	2	
302	65317-100	Door Top Rail, FS Leaf	2	
303	65318-100	Door Top Rail, FX Leaf	2	
304	65323-100	TIE ROD, FS Leaf	4	
305	65324-100	TIE ROD, FX Leaf	4	

GLASS STOPS				
ITEM NO.	PART NO.	DESCRIPTION	QUAN.	DIM. "A"
500	66536-100	Outside Glass Stop, FS Hor.	4	
505	66534-100	Inside Support Angle, FS Hor.	4	
510	66537-100	Outside Glass Stop, FX Hor.	4	
515	66535-100	Inside Support Angle, FX Hor.	4	
520	66533-100	Outside Glass Stop, Vert.	8	
525	66532-100	Inside Support Angle, Vert.	8	
550	66545-500	Door Glazing Extrusion	Apprx. 125 Ft.	
551	66548-600	FOAM PAD SEALANT 2X2X3/8	1	

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE April 27, 2000  
BY Manuel Serrano  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0128.07

SHEET #3 OF 3

REV.	PART NO.
A	66501-900