



**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**

**R.C. Aluminum Industries, Inc.**  
2805 N.W. 75 Avenue  
Miami FL 33122

**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 1200 ST Aluminum Sliding Glass Door - Small Missile 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.: 00-0310.06**

**Expires: 03/13/2003**

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: 05/26/2000**



**RC Aluminum Industries, Inc.**

**ACCEPTANCE No.:** 00-0310.06

**APPROVED** : MAY 26 2000

**EXPIRES** : March 13, 2003

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1** This **renews** the Notice of Acceptance No. 96-0506.05, which was issued on March 13, 1997. It approves an aluminum sliding glass 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 1200 ST Aluminum Sliding Glass Door – SM Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **1200 ST**, Sheets 1 through 4 of 4, dated 05/05/96, signed and sealed by Yamil Gerardo Kuri, 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. 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** Other configurations allowed: XO, OX, XX, OXO, XXX, and XXXX.
- 3.3** Design Pressure Rating vs. Door Size:
- 3.3.1** For Non-Impact Resistant Doors:. + 100 PSF, -100 PSF.
  - 3.3.2** For Small Missile Impact Resistant Doors: See Comparative Analysis Table corresponding to each panel size referenced in approved drawings.

**4. INSTALLATION**

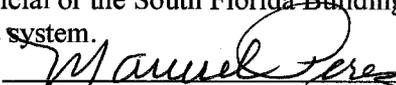
- 4.1** The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
- 4.2** Hurricane protection system (shutters):
- 4.2.1** For Non-Impact Resistant Doors:  
The installation of this unit **will require** a hurricane protective system.
  - 4.2.2** For Small Missile Impact Resistant Doors:  
The installation of this unit up to 30 feet above grade, **will require** a hurricane protective system.  
The installation of this unit above 30 feet above grade, **will not require** a hurricane protective 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

**RC Aluminum Industries, Inc.**

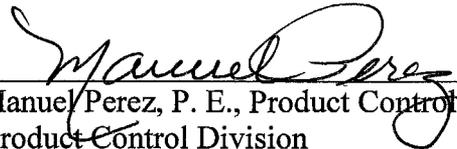
**ACCEPTANCE No.:** 00-0310.06

**APPROVED** : MAY 26 2000

**EXPIRES** : March 13, 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**

MATERIALS				
ITEM	PART #	QTY.	DESCRIPTION	LOCATION
1	1000ST-059	1	HEAD	FRAME
2	1000ST-084	1	SILL	FRAME
3	1000ST-048	1	JAMB	LH OF FRAME
4	1000ST-052	1	JAMB	RH OF FRAME
5	1000ST-012	2	FIXED STYLE	(1) @ EACH FIX PANEL
6	1000ST-099	2	FIXED INTERLOCK	(1) @ EACH FIX PANEL
7	1000ST-100	2	MOVING INTERLOCK	(1) @ EACH MOVING PANEL
8	1000ST-101	1	MALE ASTRAGAL	MOVING PANEL
9	1000ST-102	1	FEMALE ASTRAGAL	MOVING PANEL
10	1000ST-036	4	MOVING & FIXED HORIZONTAL	(1) @ TOP OF EACH PANEL
11	1000ST-010	2	MOVING HORIZONTAL	(1) @ BOTTOM OF EACH MOVING MOVING PANEL
12	1000ST-001	2	FIXED HORIZONTAL	(1) @ BOTTOM OF EACH FIX PANEL
13	1000ST-103	2	HAT	(1) @ SILL & (1) @ HEAD W/6 #10 x 3/4" FH. TEK SCREW
14		2	2" x 2" x 3/16" THK; 1 7/8" LG TIE DOWN	(1) @ BOTTOM OF EACH FIX PANEL W/6 #10 x 3/4" PH. TEK SCREW
15		2	2" x 2" x 3/16" THK; 2" LG TIE DOWN	(1) @ TOP OF EACH FIX PANEL W/8 #10 x 3/4" PH. TEK SCREW
16		2	9/16" x 2" x 3/16" THE; 1 3/4" LG TIE DOWN	(1) @ TOP OF EACH FIX HORIZONTAL W/2 #10 x 3/4" FH. TEK SCREW
17			1/4" x 1 1/2" KIWK-CON	INSTALLATION SCREW @ HEAD; @ 20" C.C. IN PAIRS
17A			1/4" x 1 1/2" KIWK-CON	SILL, JAMB & HEAD RECEPTOR @ 20" C.C. IN PAIRS
18		16	#10 x 1" PH. SMS. ST/ST.	(4) PER PANEL ASSEMBLY SCREW
19		12	#10 x 3/4" FH. TEK SCREW ST/ST.	HAT ATTACH SCREW
20		18	#10 x 3/4" PH. TEK SCREW ST/ST.	TIE DOWNS ATTACH SCREW
21		4	5/8" x 1" x 2" WOOL PILE PADS	SILL & HEAD (INTERLOCK)
22		4	5/8" x 1" x 2" WOOL PILE PADS	SILL & HEAD (ASTRAGAL)
23	5904	4	SKIRT PILE	(2) PER MOVING PANEL (BOTTOM)
24	FP431	4	GLAZING CHANNEL	(1) PER GLASS
25	622-02	6	BULB VINYL	RH JAMB (2); (2) @ TOP OF EACH FIX PAN

MATERIALS				
ITEM	PART #	QTY.	DESCRIPTION	LOCATION
26	622-09	2	BULB VINYL	(1) @ BOTTOM OF EACH FIX PANEL
27	2222	10	ULTRA-FIN-PANEL	(1) @ EACH INTERLOCK; (2) FEMALE ASTRAGAL; (2) LH JAMB & (2) @ TOP OF EACH MOVING HORIZ.
28	1971-4978-255	4	TANDEM STAINLESS STEEL ROLLERS	(2) @ BOTTOM OF EACH MOVING PANEL
29		2	DUMMY PULLS	(1) @ EACH MOVING PANEL
30		12	SPACER	(2) PER PANEL
31		4	1/4" CLEAR TEMP. GLASS	(1) PER PANEL
32	7131SK1	1	STANDARD LOCK	(1) @ MOVING PANEL
33	1129EP1	1	STANDARD LOCK	(1) @ MOVING PANEL
34	713110	1	KEEPER	(1) @ MOVING PANEL
39	1000ST-047	1	HEAD-RECEPTOR	FRAME & DETAIL 1A/4
40	1000ST-046	1	HEAD	FRAME & DETAIL 1A/4
41		1	STEEL CHANNEL (REINF.)	HEAD RECEPTOR. DETAIL 1A/4
42		24	#10 x 1 1/2" FH SMS.	
43		2	3/4" x 1" x 37 3/4" STEEL BAR	INSIDE MOVING PANEL BOTTOM RAIL

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE May 26, 2000  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0310.06

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE MARCH 13, 1997  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
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ACCEPTANCE NO. 96-0506.05



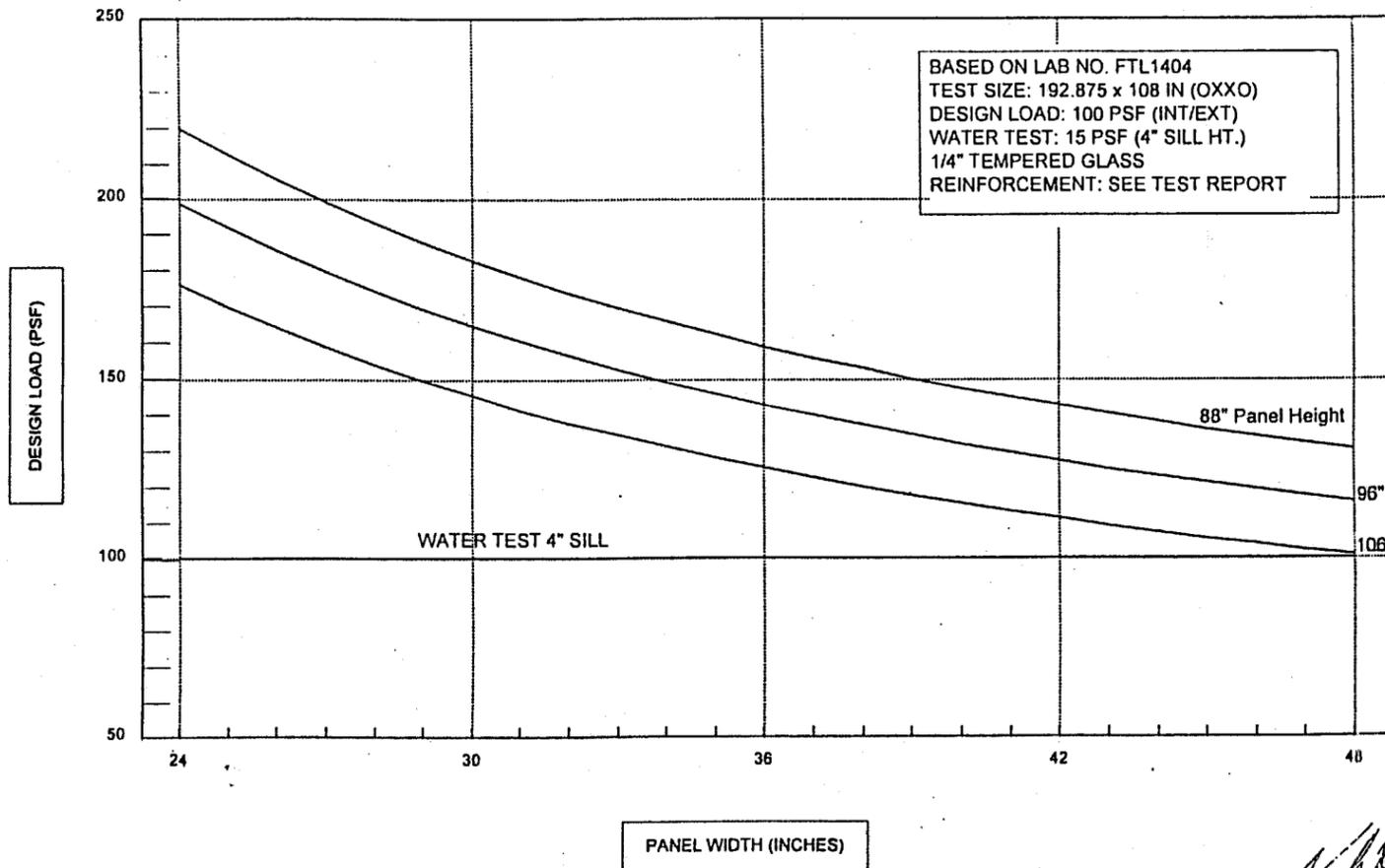
**RC ALUMINUM INDUSTRIES INC.**

2805 N.W. 75th AVENUE • MIAMI, FL 33122  
PHONE (305) 592-1515 FAX (305) 592-2184

DWG NO. 1200 ST (FTL 1404)  
DATE 5-5-96

SHEET 1 OF 4

COMPARATIVE ANALYSIS LOAD CURVES  
 SERIES: 1200 ST; ALUMINUM SLIDING GLASS DOOR



BASED ON LAB NO. FTL1404  
 TEST SIZE: 192.875 x 108 IN (OXXO)  
 DESIGN LOAD: 100 PSF (INT/EXT)  
 WATER TEST: 15 PSF (4" SILL HT.)  
 1/4" TEMPERED GLASS  
 REINFORCEMENT: SEE TEST REPORT

*Handwritten signature*  
 12-31-96

APPLIED ENGINEERING CONCEPTS, INC.  
 P.O. Box 12-6403  
 Hialeah, Florida 33012  
 (305) 820-0550

COMPARATIVE ANALYSIS LOAD CURVES  
 GRAPH No. G-1000-1  
 Job # 0302-96 (R)

CLIENT:  
 RC ALUMINUM INDUSTRIES, INC.  
 2805 N.W. 75 AVENUE  
 MIAMI, FLORIDA 33122

R. C. Aluminum Industries, Inc.  
 2805 N. W. 75th Avenue  
 Miami, Florida 33122

Series: 1200 ST; Aluminum Sliding Glass Door  
 Design Load: 100.0 psf positive & negative  
 Product Approval: #96-0506.05  
 Water Test Pressure: 15.00 psf  
 Reference Number: FTL 1404

Panel Size (inches)	Design Load (psf)	
	Positive	Negative
30 X 96	100.0	164.9
30 X 106 7/8	100.0	145.4
36 X 96	100.0	142.7
36 X 106 7/8	100.0	125.2
48 X 96	100.0	116.0
48 X 106 7/8	100.0	100.7

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 2/12/97

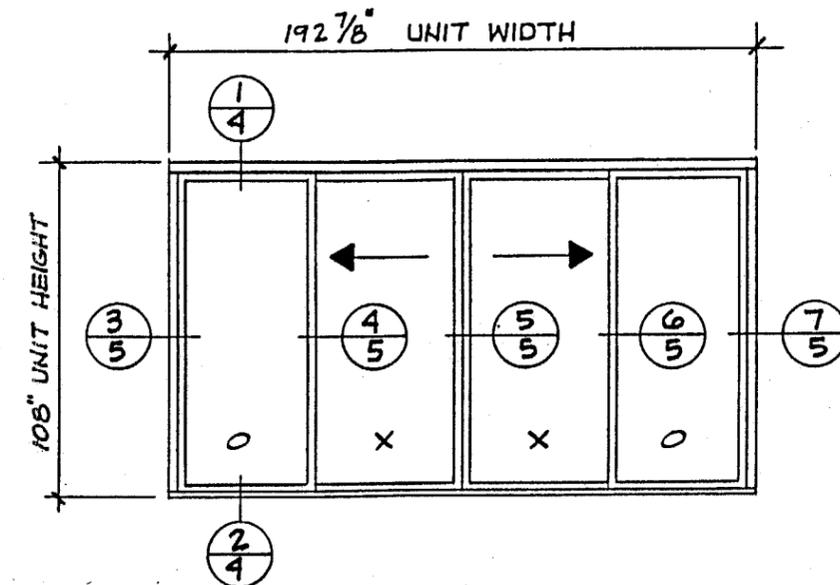
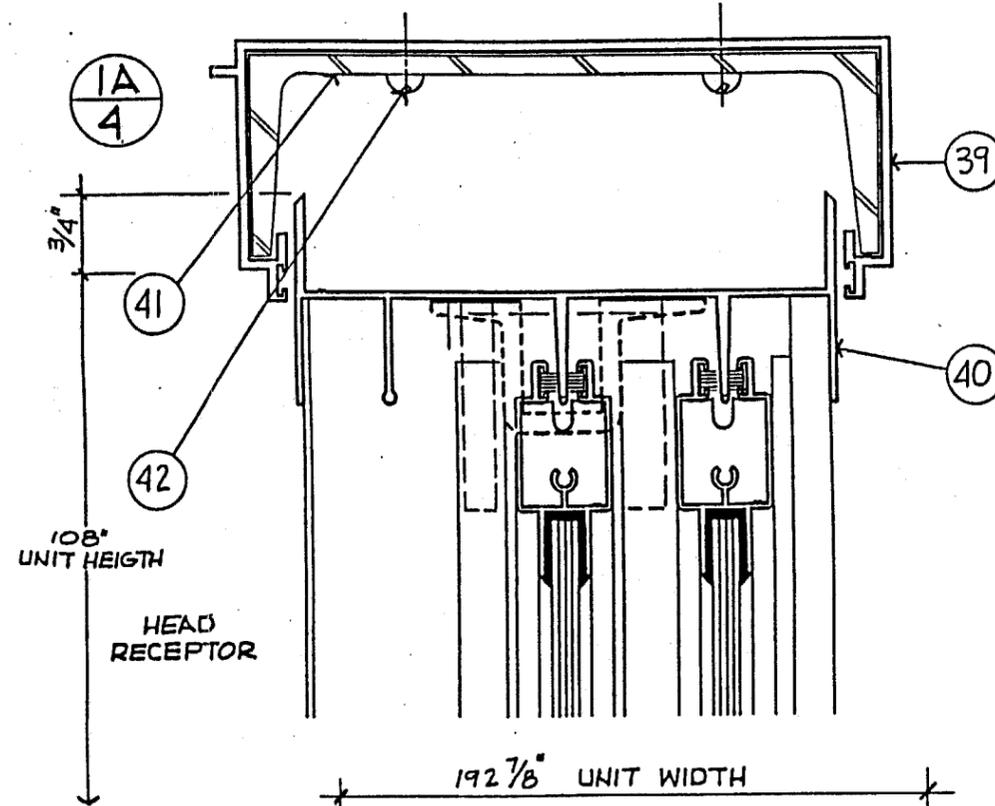
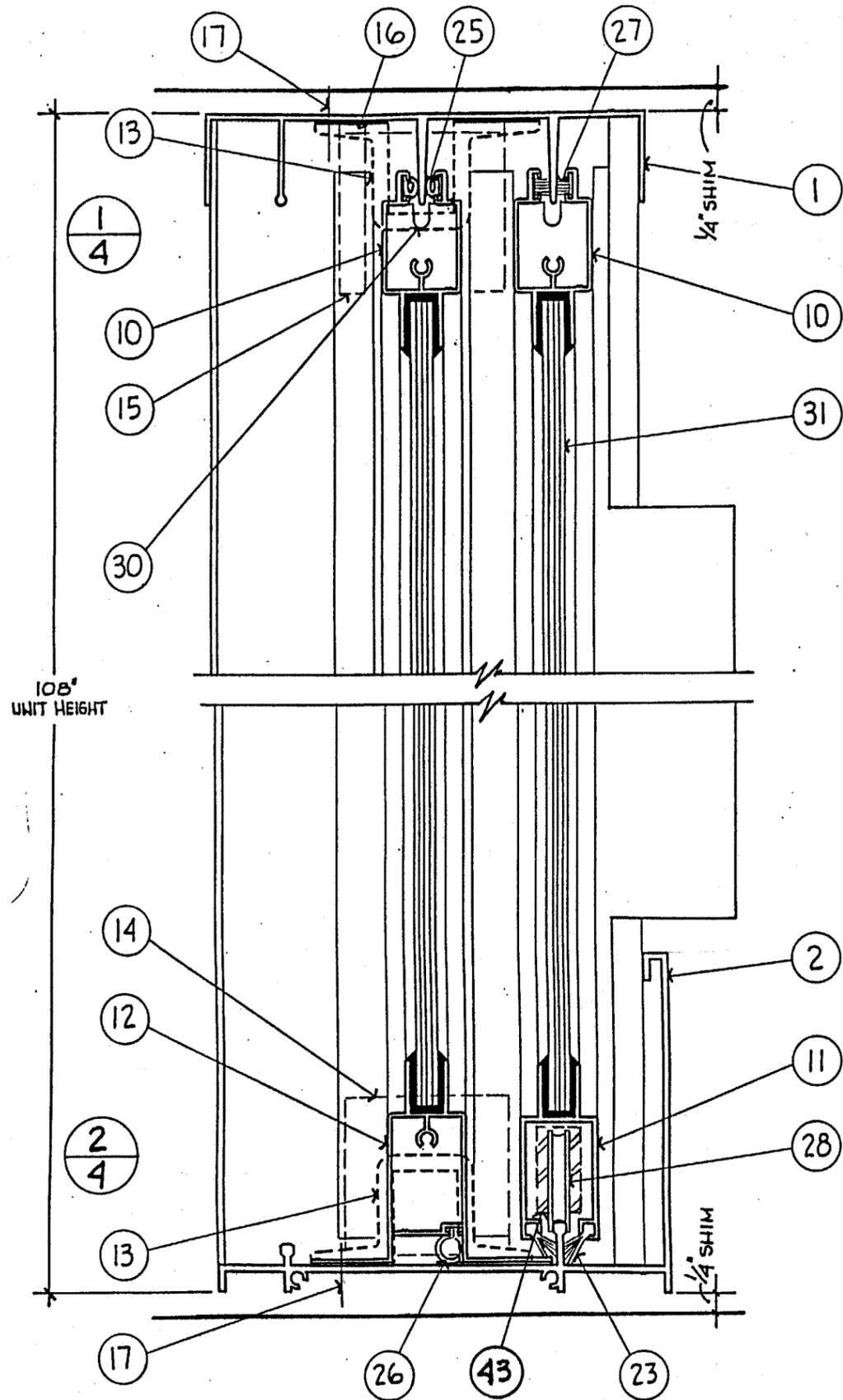


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**SLIDING GLASS DOOR ELEVATION**



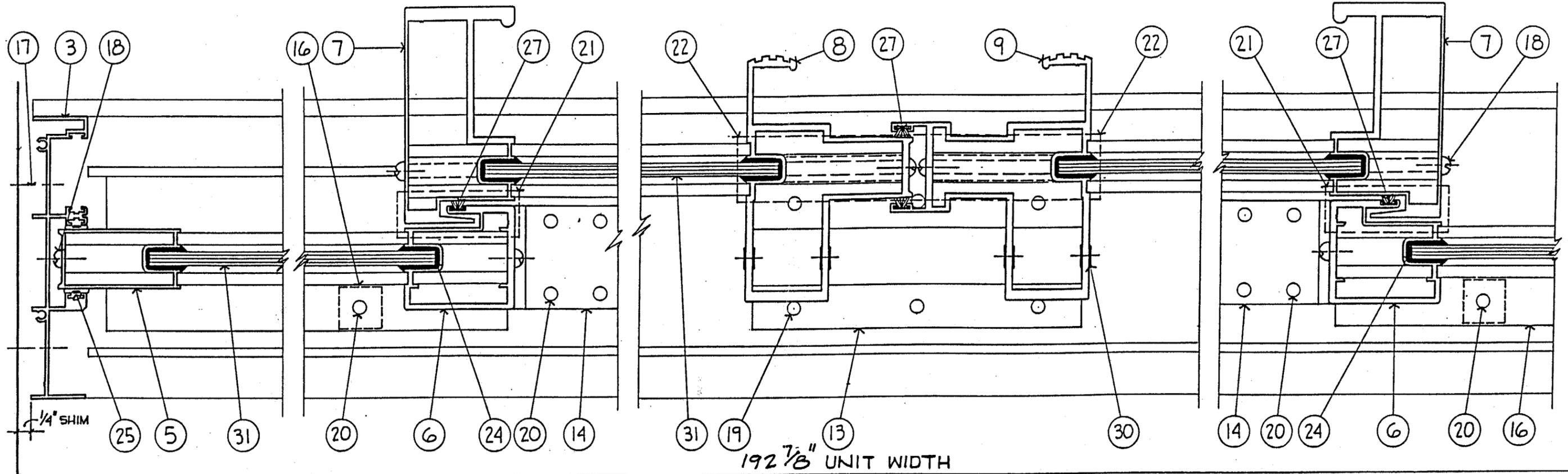
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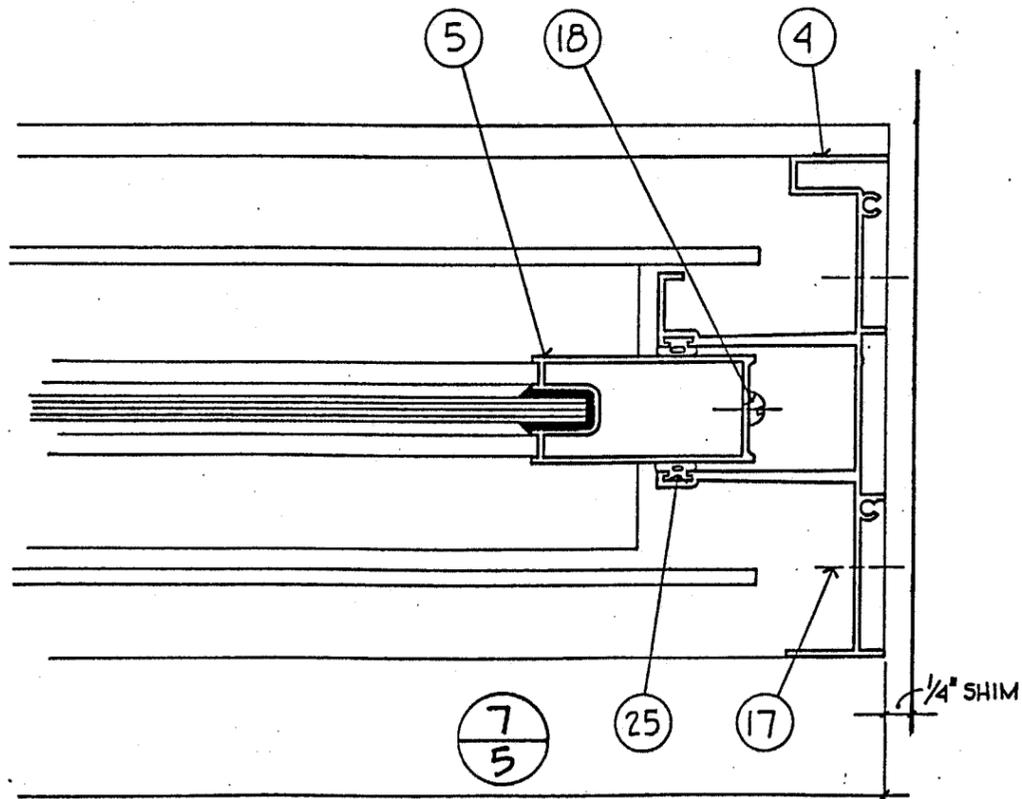


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 DATE May 26, 2000  
 BY Maurice [Signature]  
 PRODUCT CONTROL DIVISION  
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