



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

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

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Pino-Windows Corporation
6860 N.W. 75 Street
Medley ,FL 33166

Your application for Notice of Acceptance (NOA) of:

Series 400 Aluminum Glass Sliding Door

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 NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time 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 by 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.: 01-0606.04
EXPIRES: 10/01/2006

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 Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 08/02/2001

Pino Window Corporation

ACCEPTANCE No.: 01-0606.04

APPROVED : AUG 02 2001

EXPIRES : October 01, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **renews** the Notice of Acceptance No. **96-1015.04**, which was issued on October 01, 1998. 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 400 Aluminum Sliding Glass Doors** and its components shall be constructed in strict compliance with the following documents: Drawing No **W01-28**, Sheets 1 through 4 of 4, titled "Series 400 Aluminum Sliding Glass Door," prepared by Al Farooq Corporation, dated 5/24/01, 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. 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.

4. INSTALLATION

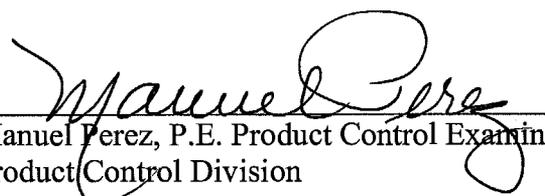
4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

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

Pino Window Corporation

ACCEPTANCE No.: 01-0606.04

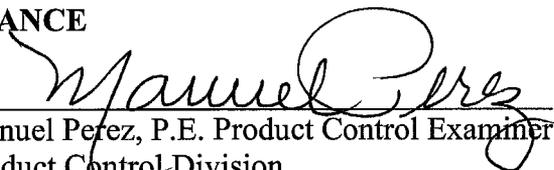
APPROVED : AUG 02 2001

EXPIRES : October 01, 2006

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.

END OF THIS ACCEPTANCE


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

Pino Window Corporation

ACCEPTANCE No.: 01-0606.04

APPROVED : AUG 07 2001

EXPIRES : October 01, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Assembly Drawing No **W01-28**, Sheets 1 through 4 of 4, titled "Series 400 Aluminum Sliding Glass Door," prepared by Al Farooq Corporation, dated 5/24/01, 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) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with installation diagram and marked-up drawings of an aluminum sliding glass door of an XXO configuration with 1/4" steel bar reinforcement, prepared by Fenestration Testing Laboratory, Inc. No. **FTL-1395**, dated July 17, 1996, signed and sealed by Gilbert Diamond, P.E.
2. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with installation diagram and marked-up drawings of an aluminum sliding glass door of an XXO configuration with no steel reinforcement, prepared by Fenestration Testing Laboratory, Inc. No. **FTL-1405**, dated April 12, 1996, signed and sealed by Gilbert Diamond, P.E.
3. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94.along with installation diagram and marked-up drawings of an aluminum sliding glass door of an XXO configuration with 1/2" steel bar reinforcement, prepared by Fenestration Testing Laboratory, Inc. No. **FTL-1445**, dated October 9, 1996, and retested on January 6, 1998, both signed and sealed by Gilbert Diamond, P.E.


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

Pino Window Corporation

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C. CALCULATIONS

1. Anchor Calculations and Comparative analysis and anchor calculations, prepared by Al Farooq Corporation, dated 5/29/01, signed and sealed by Humayoun Farooq, P.E.

D. MATERIAL CERTIFICATIONS

1. None

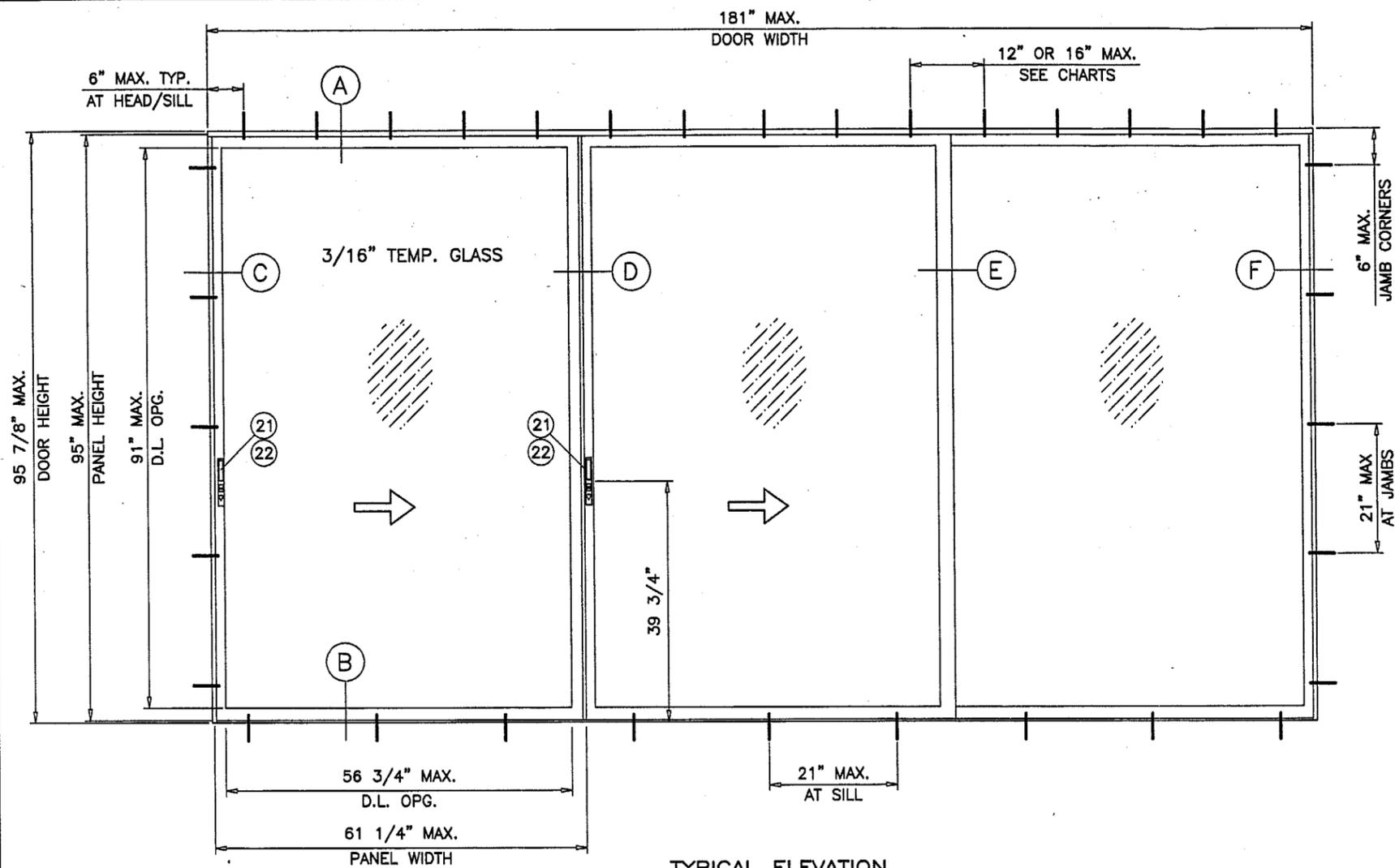
E. STATEMENTS

1. Letter from Pino's Window Corporation, dated June 4, 2001, stating that the product has not changed since it was originally approved.

F. OTHER

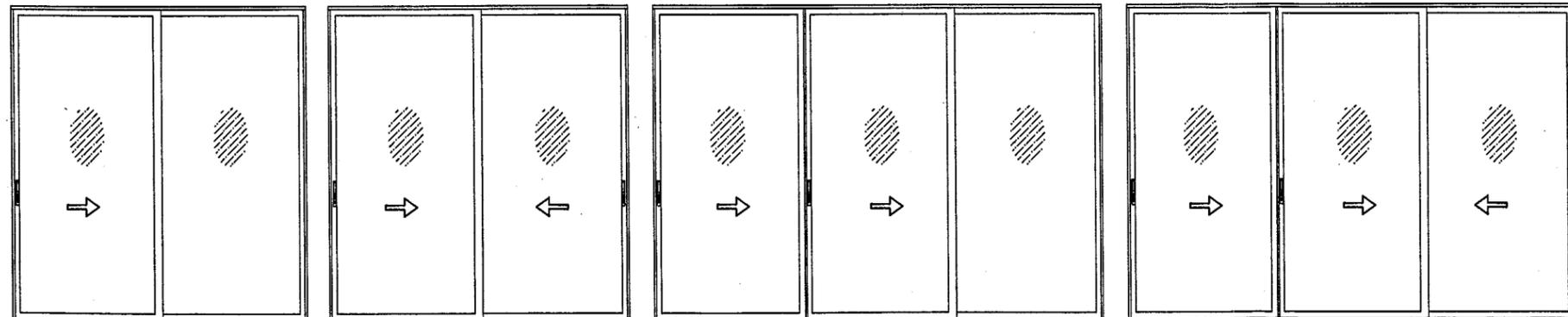
1. Notice of Acceptance No. **96-1015.04** issued to Pino's Window Corporation. for their Aluminum Sliding Glass Doors, dated 10/01/98, expiring on 10/01/01.


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



TYPICAL ELEVATION
XXO
TESTED UNIT

DOORS TO BE PROTECTED WITH
DADE COUNTY APPROVED
IMPACT RESISTANT SHUTTERS



XO (SHOWN)
OX (OPPOSITE)

XX

XXO (SHOWN)
OXX (OPPOSITE)
OXO

XXX

APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF (3/16" TEMP. GLASS)							
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	NO REINF.		MED. REINF.		HEAVY REINF.	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	50.0	74.4	66.7	86.9	70.0	86.9
3/0		50.0	65.0	66.7	86.9	70.0	86.9
4/0		50.0	54.0	66.7	81.3	70.0	86.9
5/0		48.4	48.4	66.7	72.9	70.0	81.7
2/6	8/0	50.0	59.8	66.7	72.5	70.0	72.5
3/0		50.0	51.6	66.7	72.5	70.0	72.5
4/0		42.0	42.0	63.4	63.3	70.0	72.5
5/0		36.7	36.7	55.3	55.3	70.0	70.0

HEAD ANCHOR SPACING = 16" O.C.
SILL ANCHOR SPACING = 21" O.C.
JAMB ANCHOR SPACING = 21" O.C.

DESIGN LOAD CAPACITY - PSF (3/16" TEMP. GLASS)							
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	NO REINF.		MED. REINF.		HEAVY REINF.	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	50.0	74.4	66.7	97.5	70.0	115.8
3/0		50.0	65.0	66.7	96.2	70.0	109.2
4/0		50.0	54.0	66.7	81.3	70.0	93.5
5/0		48.4	48.4	66.7	73.3	70.0	81.7
2/6	8/0	50.0	59.6	66.7	89.8	70.0	96.6
3/0		50.0	51.6	66.7	77.8	70.0	89.2
4/0		42.0	42.0	63.4	63.3	70.0	79.7
5/0		36.7	36.7	55.3	55.3	70.0	70.0

HEAD ANCHOR SPACING = 12" O.C.
SILL ANCHOR SPACING = 21" O.C.
JAMB ANCHOR SPACING = 21" O.C.

NOTES

- THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
- 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.
- ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

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

JUN 01 2001

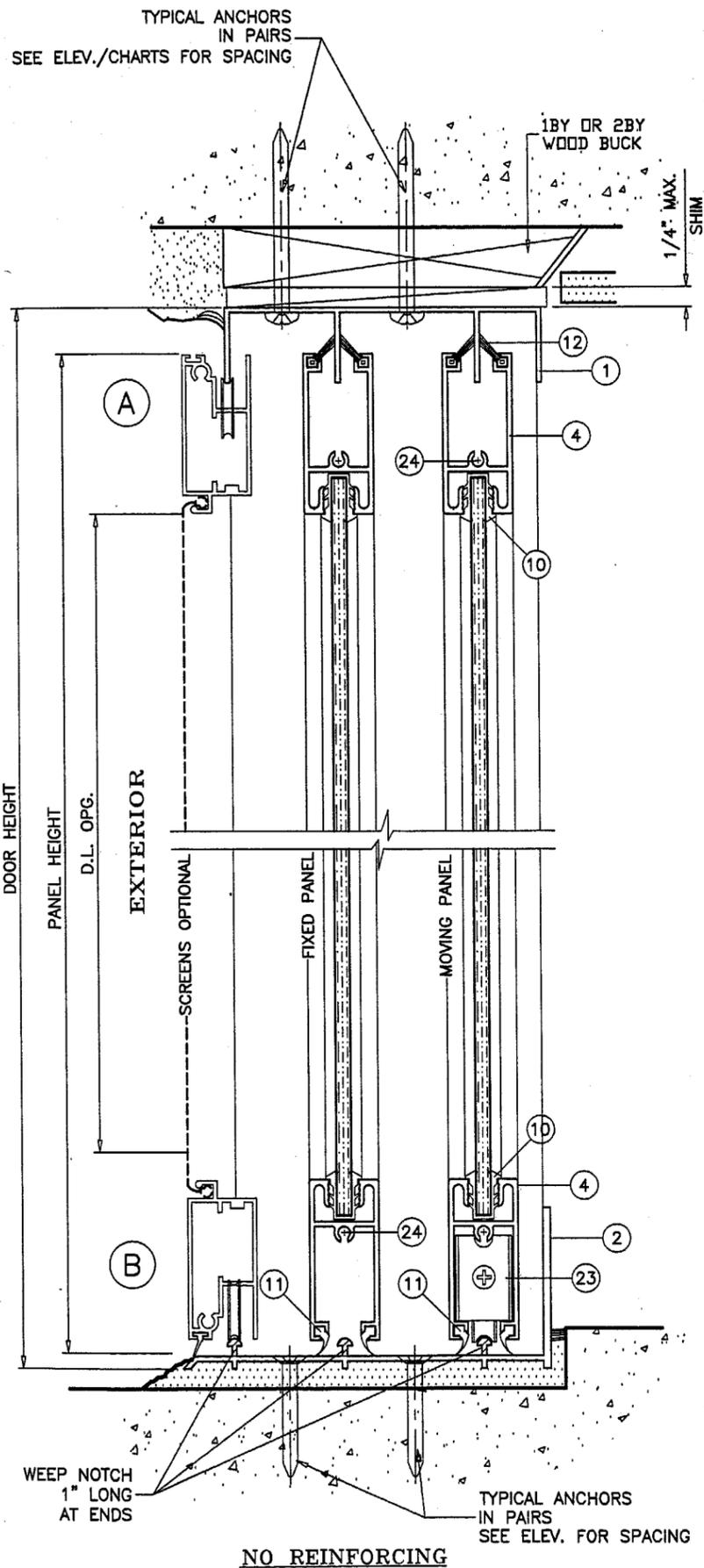
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **AUG 02 2001**
BY *Manuel...*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *01-0606-04*

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W01-28PW

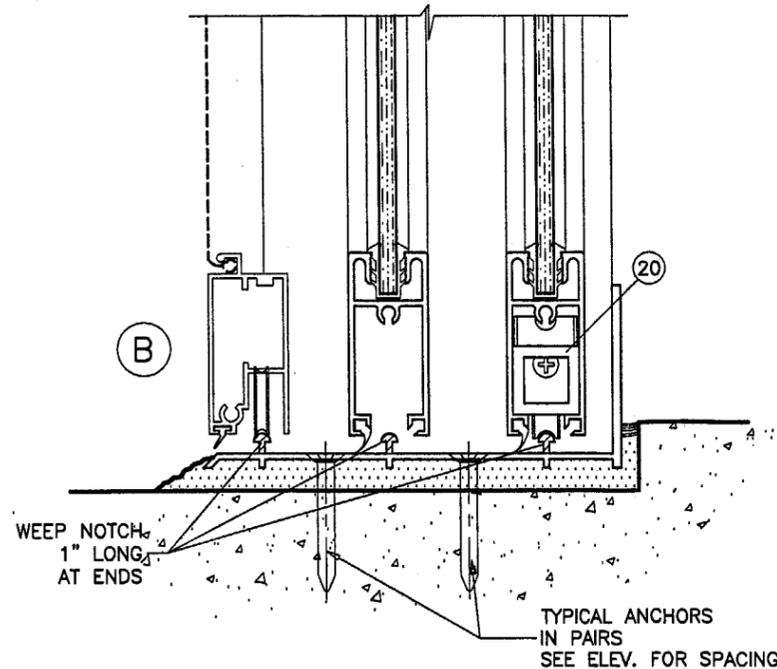
SERIES 400 ALUM. SLIDING GLASS DOOR
PINO WINDOWS CORPORATION
6860 N.W. 75TH STREET
MEDLEY, FL. 33166
TEL (305) 888-9946 FAX (305) 888-8079

revisions:	no	date	description
date:	05-24-01	scale:	1/2" = 1"
dr. by:	HAMID	chk. by:	
drawing no.	W01-28		
sheet 1 of 4			

01-0606-04



NO REINFORCING



GLAZING DETAIL
SCALE 1 : 1

MED. REINFORCING
HEAVY REINFORCING

WOOD BUCKS NOT BY PINO WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:

3/16" TAPCONS BY ELCO, OR AN EQUAL SELF TAPPING CONC. ANCHOR HOLDING A CURRENT NOA. INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1-1/4" MIN. PENETRATION INTO WOOD THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY 1-1/2" MIN. EMBED INTO CONC. AT SILL 1-1/4" MIN. EMBED INTO MASONRY AT HEAD AND JAMBS

SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

LOCKS:

SURFACE MOUNT ZINC CAST HOOK LOCK BY 'DELTA IND.' OR NATIONWIDE AT 39-3/4" FROM BOTTOM ON EACH ACTIVE PANEL LOCK STILE WITH KEEPER FASTENED AND SECURED TO JAMB AT LOCK POSITIONS.

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

DATE AUG 02 2001
BY Manuel Perez

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
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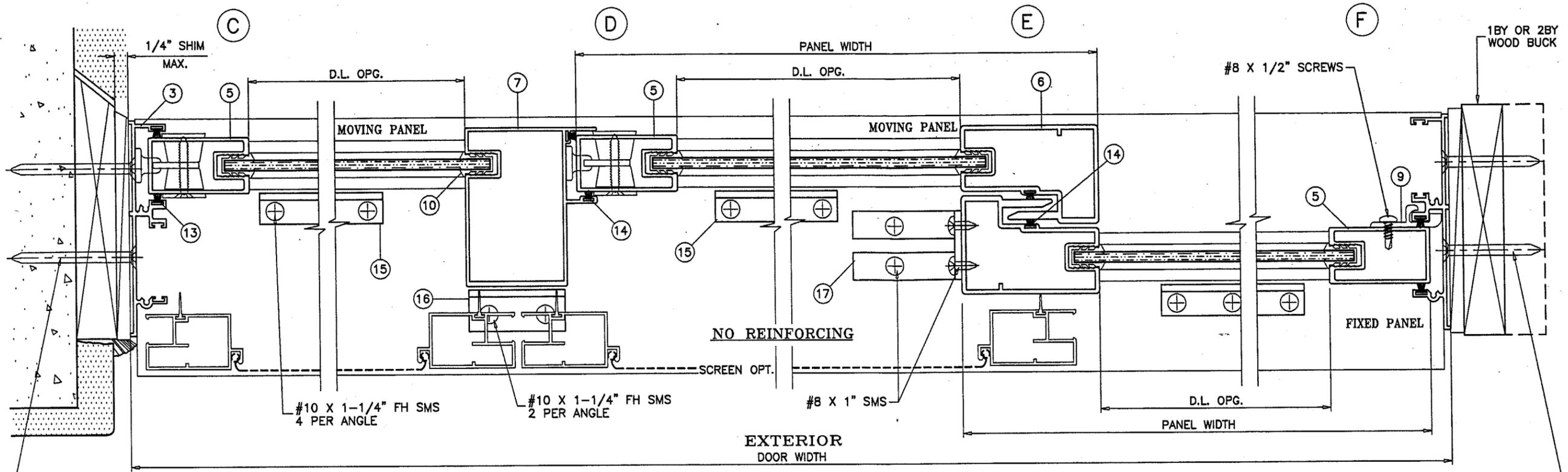
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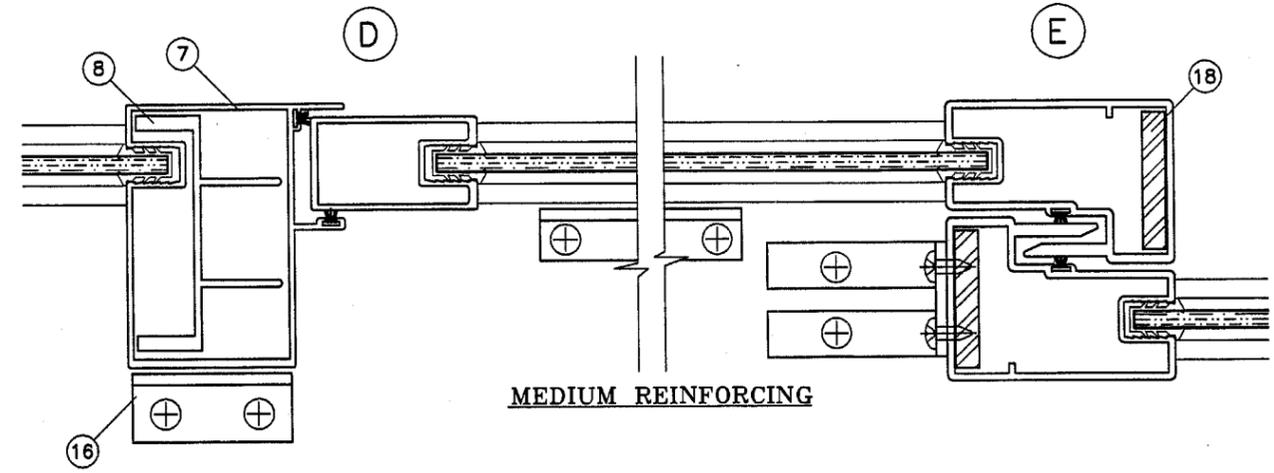
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chk. by:

drawing no.
W01-28
sheet 2 of 4

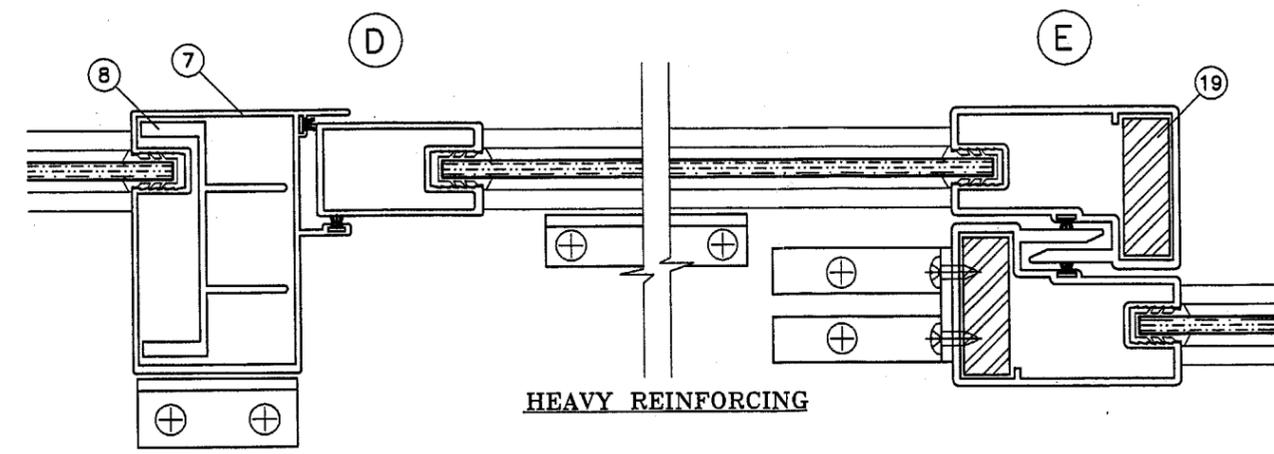


TYPICAL ANCHORS
IN PAIRS
SEE ELEV. FOR SPACING

TYPICAL ANCHORS
IN PAIRS
SEE ELEV. FOR SPACING



MEDIUM REINFORCING



HEAVY REINFORCING

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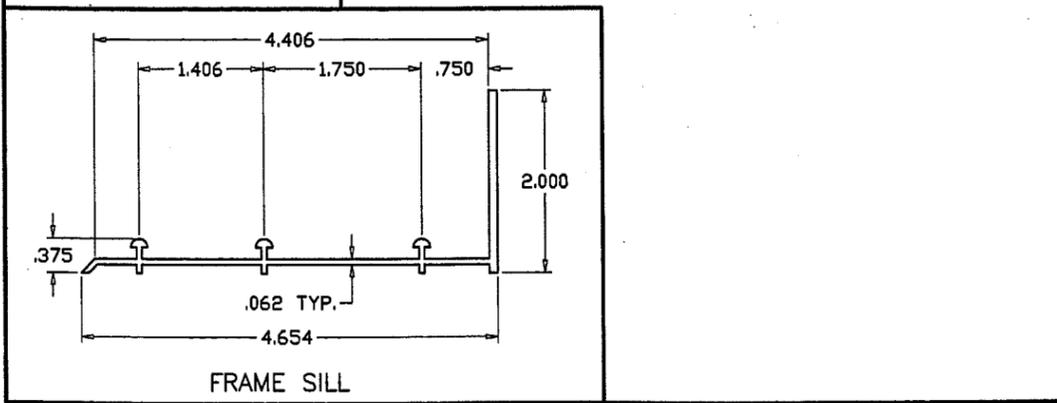
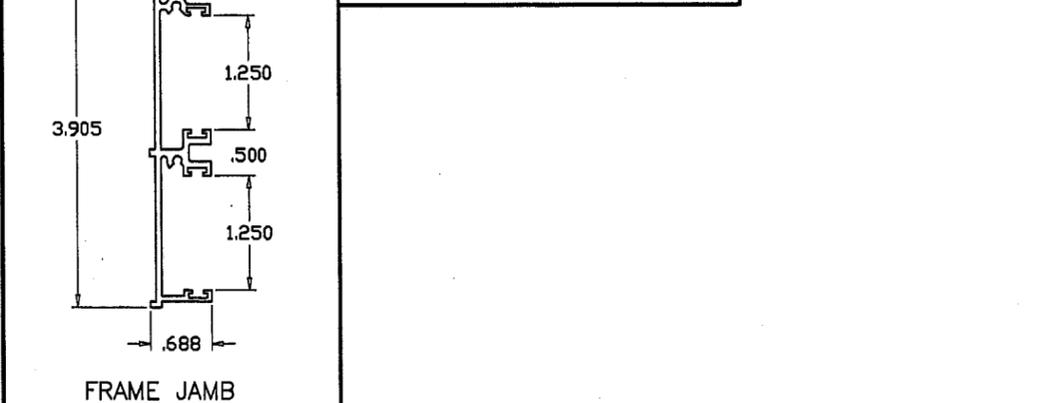
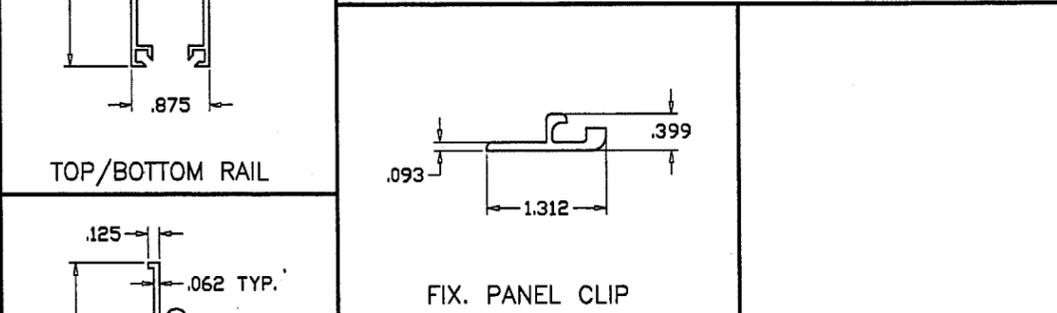
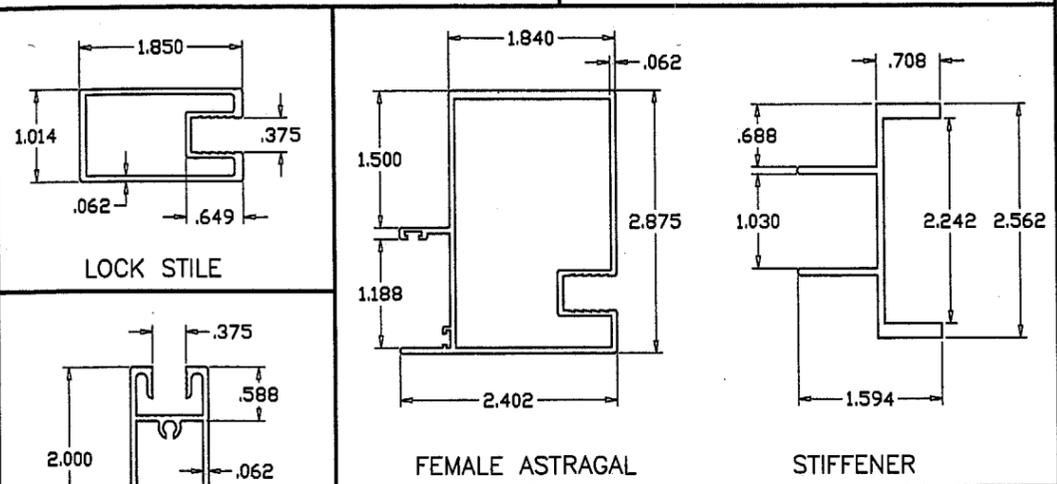
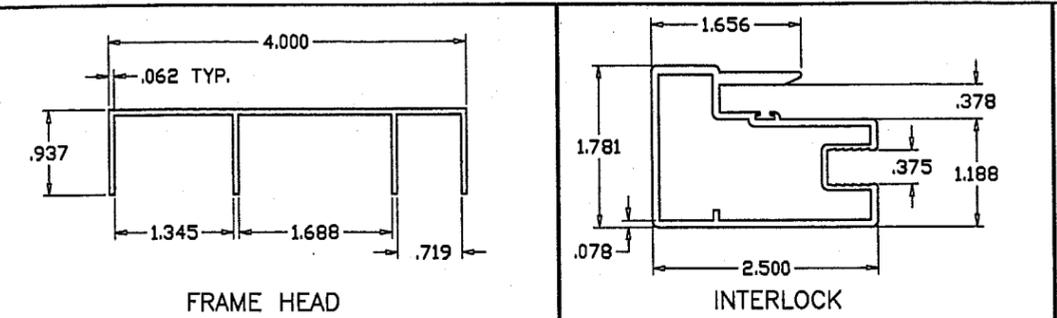
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 BY M. Hamid
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
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date: 05-24-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W01-28
 sheet 3 of 4

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	PW-5-000-1	1	FRAME HEAD	6063-T5	-
2	PW-5-000-2	1	FRAME SILL	6063-T6	-
3	PW-5-000-3	2	FRAME JAMB	6063-T5	-
4	PW-5-000-4	2/ PANEL	TOP & BOTTOM RAIL	6063-T5	-
5	PW-5-000-5	1/ PANEL	LOCK STILE	6063-T5	-
6	PW-5-000-8	1/ PANEL	INTERLOCK	6063-T5	-
7	PW-5-0009H	1/ PANEL	FEMALE ASTRAGAL	6063-T5	-
8	PW-5-000-10	1	ASTRAGAL STIFFENER	6063-T5	-
9	-	4/ FIX. PANEL	FIX. PANEL CLIP	ALUM	AT 24" O.C.
10	FP-223	AS REQD.	GLAZING GASKET	VINYL	PROTOTYPE PLASTICS
11	FP-37	AS REQD.	FLAP WEATHERSTRIPPING	VINYL	PROTOTYPE PLASTICS
12	5553	AS REQD.	PILE WITH FIN WEATHERSTRIPPING	-	ULTRAFAB
13	2023	AS REQD.	PILE WITH FIN WEATHERSTRIPPING	-	ULTRAFAB
14	2021	AS REQD.	PILE WITH FIN WEATHERSTRIPPING	-	ULTRAFAB
15	-	1/ PANEL	PANEL RETAINER CLIP (9/16 X 7/8 X 1/8 X 4" LONG)	ALUM	AT FRAME SILL
16	-	1	ASTRAGAL RETAINER CLIP (3/4 X 3/4 X 1/8 X 1-3/4" LONG)	ALUM	AT FRAME HEAD
17	-	2	FIXED INTERLOCK CLIP (2 X 2 X 1/8 X 4-1/4" LONG)	ALUM	AT FRAME HEAD AND SILL
18	-	AS REQD.	INTERLOCK REINF. BAR (1-1/2" X 1/4")	STEEL	FOR MEDIUM DOORS
19	-	AS REQD.	INTERLOCK REINF. BAR (1-1/2" X 1/2")	STEEL	FOR HEAVY DOORS
20	-	AS REQD.	BOTTOM RAIL REINF. TUBE (3/4" X 3/4" X 1/8")	ALUM	-
21	30025/902	1/ MOV. PANEL	FLUSH MOUNT HOOK LOCK	-	AT 39-3/4" FROM BOTTOM
22	-	-	LOCK KEEPERS AT LOCK LOCATIONS	-	AT 39-3/4" FROM BOTTOM
23	19-7623-212	2/ MOV. PANEL	ROLLER ASSEMBLY	-	REFLECTOLITE PRODUCTS
24	#10 X 3/4"	1/ CORNER	PANEL ASSEMBLY SCREWS	-	-



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revisions:	no	date	by	description

date: 05-24-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no. **W01-28**
 sheet 4 of 4