



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

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Pino Windows Corporation
6860 NW 75th Street
Medley, FL 33166

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 4000 Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. **W01-28**, titled "Series-4000 Aluminum Sliding Glass Door, sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 05/24/01 and last revised on Sep. 14, 2006, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None. Approved shutters complying w/ FBC are required

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 # 01-0606.04** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



NOA No 06-1004.01
Expiration Date: December 07, 2007
Approval Date: December 07, 2006
Page 1

R
11/16/06

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS** (transferred from file # **01-0606.04**)
1. Manufacturer's die drawings and sections.
 2. Drawing No. **W01-28**, titled "Series-4000 Aluminum Sliding Glass Door, sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 05/24/01 and last revised on Sep. 14, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # **01-0606.04**) original test conducted per SFBC, PA 202-94, now known as FBC, 202-94.
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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1395**, dated July 17, 1996, Test Reports No. **FTL-1405**, dated April 12, 1996 and **FTL-1445**, dated October 9, 1996, and retested on January 6, 1998, all signed and sealed by late Gilbert Diamond, P.E.
 2. Additional test report FTL 4988 dated Aug 18, 2006 for water qualification only.
- C. CALCULATIONS**
1. Anchor verification calculation, complying w/ FBC 2004, prepared by Al-Farooq Corporation dated 09-14-06, signed and sealed by Dr. Humayoun Farooq, P.E.
 2. Anchor Calculations and Comparative analysis and anchor calculations, prepared by Al Farooq Corporation, dated 5/29/01, signed and sealed by Dr. Humayoun Farooq, P.E (transferred from file # **02-1016.10**)
 3. Glazing complies with ASTM E-1300-98 & -02.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. None
- F. STATEMENTS**
1. Request for one year conditional renewal approval by Pino Windows Corp.
 2. Statement letter of compliance w/FBC-2004, signed by Dr. Humayoun Farooq, P.E.
 3. Statement letter of compliance and of no financial interest, dated 09/12/06, signed and sealed by Dr. Humayoun Farooq, P.E.
 4. Lab compliance statements, part of above referenced test reports.
- G. OTHER**
1. This NOA **renews # 01-0606.04** expired on Oct. 01, 2007.
 2. One year conditional approval, subjected to successful verification test.

Ishaq I. Chanda

Ishaq I. Chanda, P. E.

Product Control Examiner

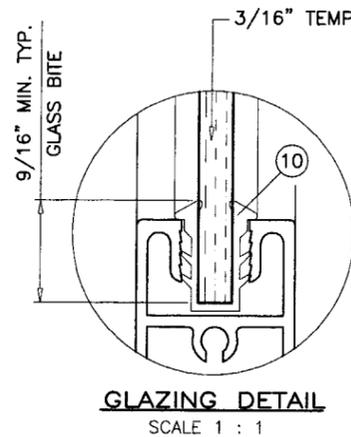
NOA No 06-1004.01

Expiration Date: December 07, 2007

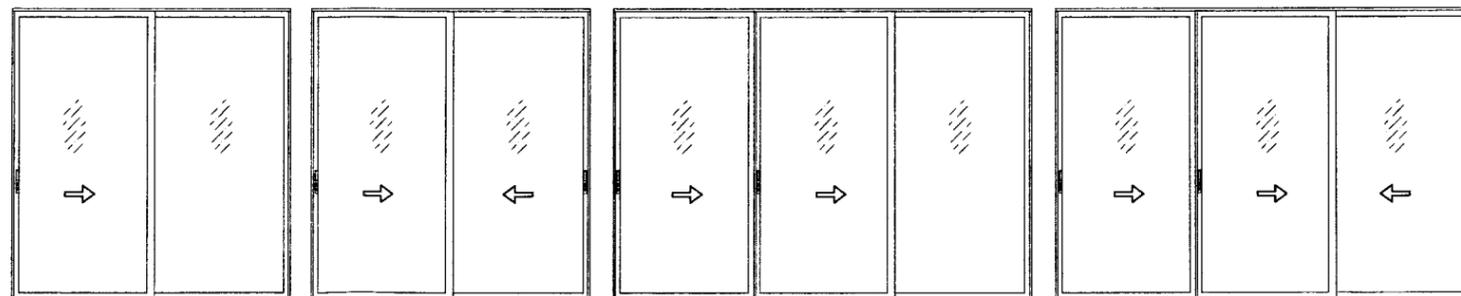
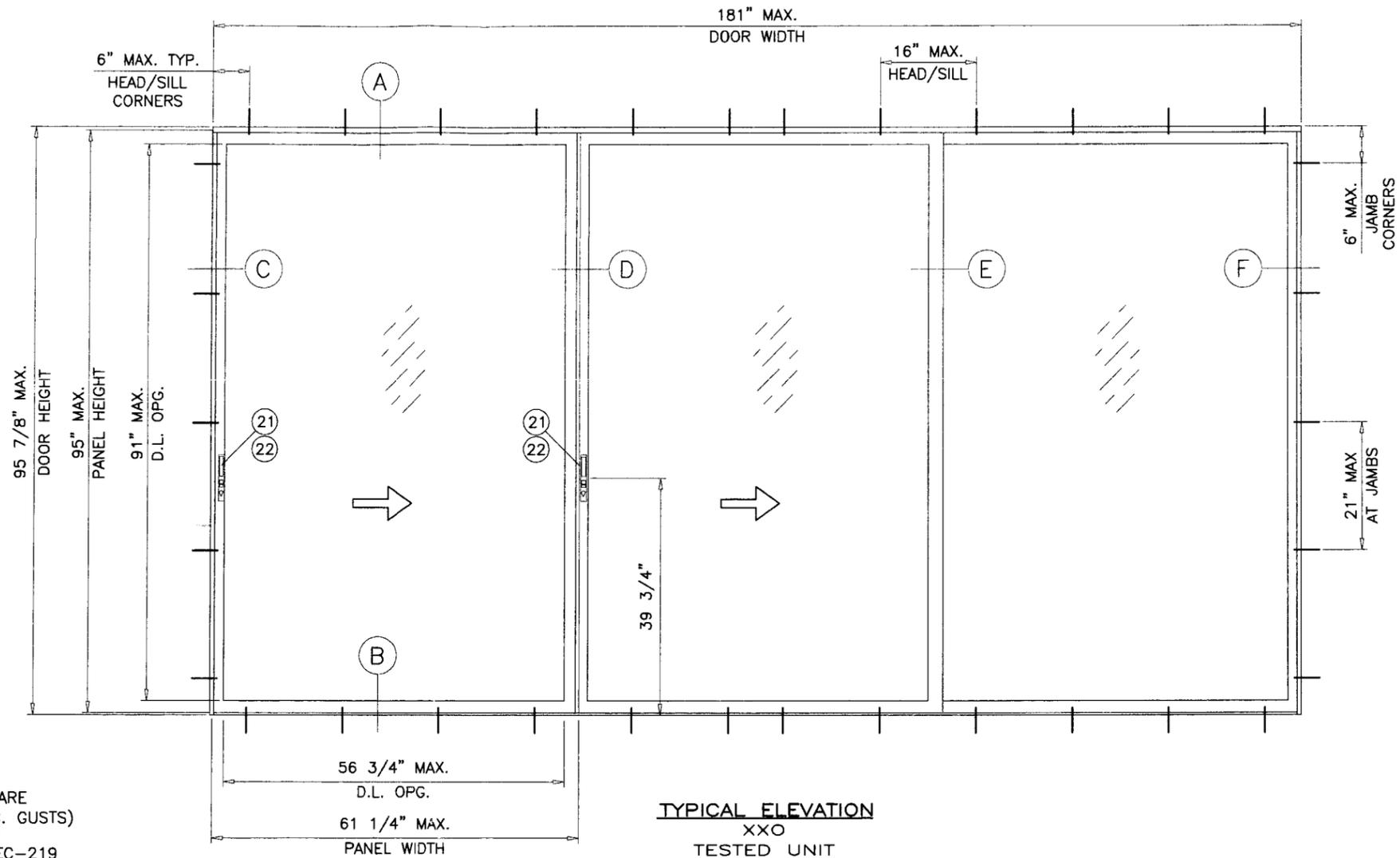
Approval Date: December 16, 2006

DESIGN LOAD CAPACITY - PSF (STANDARD SILL)							
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	3/16" TEMP. GLASS					
		NO REINF.		MED. REINF.		HEAVY REINF.	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	46.7	74.6	46.7	110.9	46.7	123.4
3/0		46.7	65.2	46.7	98.2	46.7	110.0
4/0		46.7	54.1	46.7	81.5	46.7	103.2
5/0		46.7	48.5	46.7	73.1	46.7	92.5
2/6	8/0	46.7	57.8	46.7	72.8	46.7	81.6
3/0		46.7	51.8	46.7	65.3	46.7	72.4
4/0		42.1	42.1	46.7	62.0	46.7	69.5
5/0		36.7	36.7	46.7	55.3	46.7	69.5

DESIGN LOAD CAPACITY - PSF (HI-RISE SILL)							
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	3/16" TEMP. GLASS					
		NO REINF.		MED. REINF.		HEAVY REINF.	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	50.0	74.6	66.7	110.9	70.0	123.4
3/0		50.0	65.2	66.7	98.2	70.0	110.0
4/0		50.0	54.1	66.7	81.5	70.0	103.2
5/0		48.5	48.5	66.7	73.1	70.0	92.5
2/6	8/0	50.0	57.8	66.7	72.8	70.0	81.6
3/0		50.0	51.8	65.3	65.3	70.0	72.4
4/0		42.1	42.1	62.0	62.0	69.5	69.5
5/0		36.7	36.7	55.3	55.3	69.5	69.5



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



XO (SHOWN)
OX (OPPOSITE)

XX

XXO (SHOWN)
OXX (OPPOSITE)
OXO

XXX

APPROVED CONFIGURATIONS

DOORS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE
USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES
COMPLYING WITH HVHZ REQUIREMENTS.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

SEP 14 2006

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-100401
Expiration Date DEC 6, 2007
By Iskhan I. Chauda
Miami Code Product Control
Division

SERIES 400 ALUMINUM SLIDING GLASS DOOR

SEE CHART ABOVE FOR DESIGN LOAD CAPACITY OF DESIRED PANEL SIZE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING
HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 IN ALLOWABLE STRESS 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 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

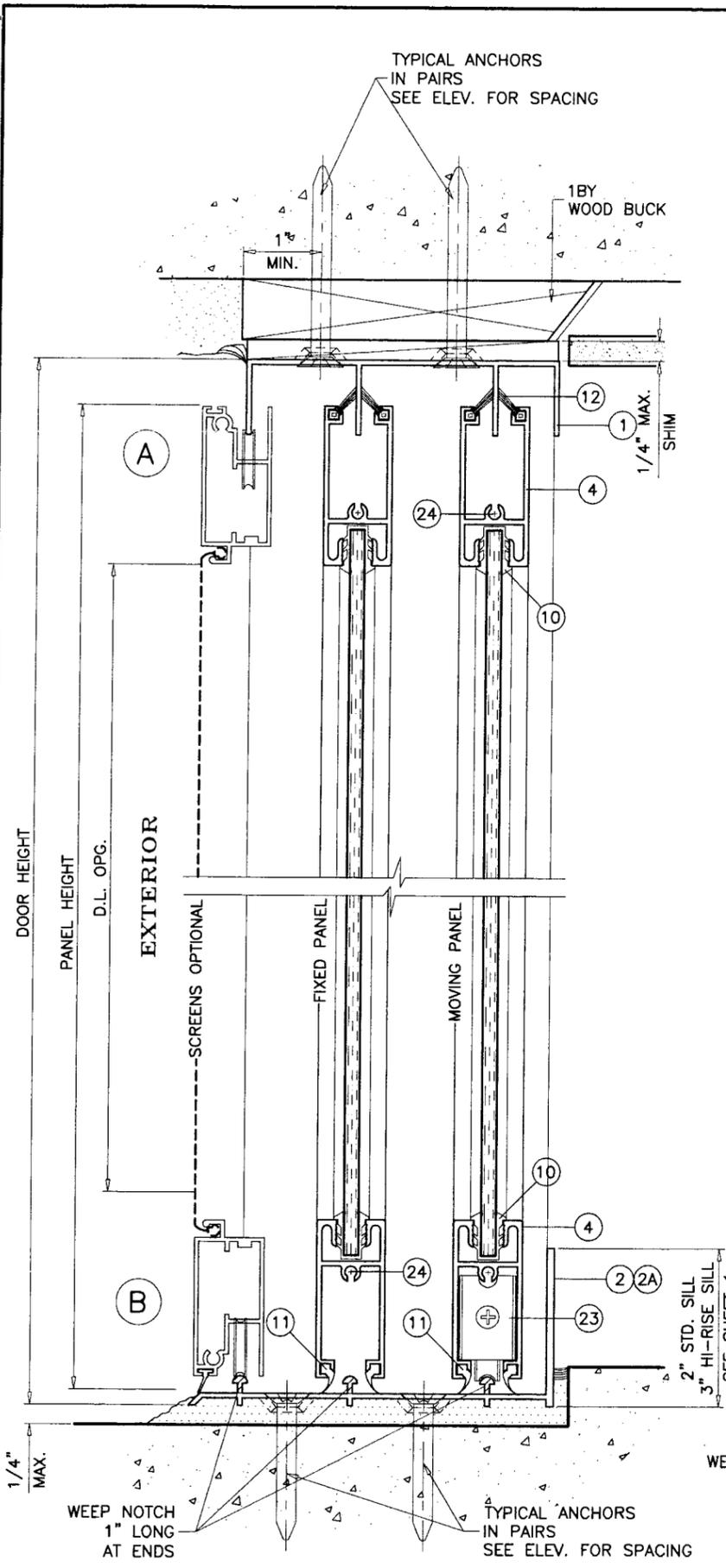
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL: (305) 264-8100 FAX: (305) 262-6978
COMP-ANL\W01-28PW

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

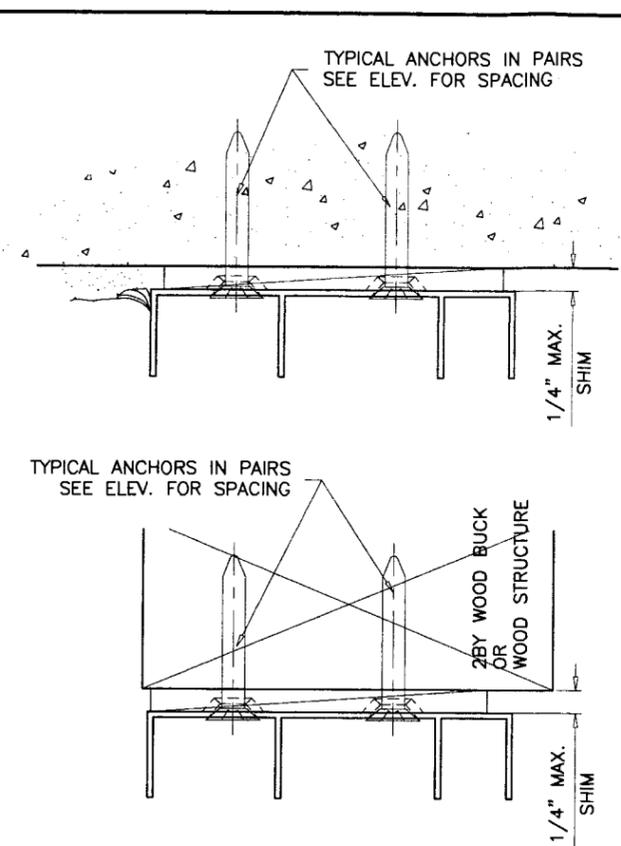
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date: 05-24-01	scale: 1/2" = 1'-0"	dr. by: HAMID	chk. by:
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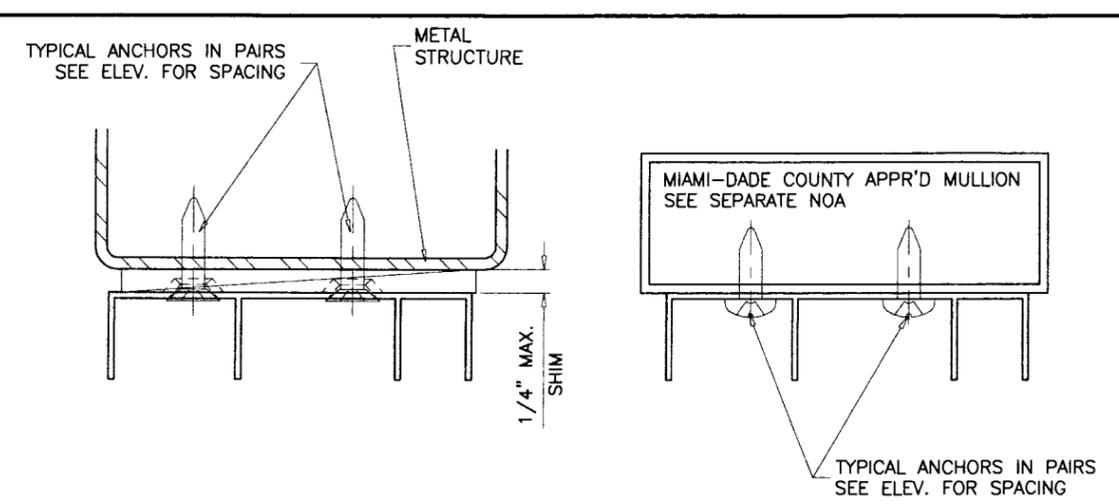
drawing no.
W01-28
sheet 1 of 4



NO REINFORCING



**MED. REINFORCING
HEAVY REINFORCING**



WOOD BUCKS AND METAL STRUCTURES NOT BY PINO WINDOWS MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
 1-1/4" MIN. EMBED INTO MASONRY OR CONC.
 DIRECTLY INTO CONCRETE OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY

#14 SMS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
#12 SMS
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 (NO SHIM SPACE)

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

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. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

SEP 14 2006

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 06-1004-01
 Expiration Date 06/07/2007

By Ishtaq I. Ullah
 Miami Dade Product Control Division

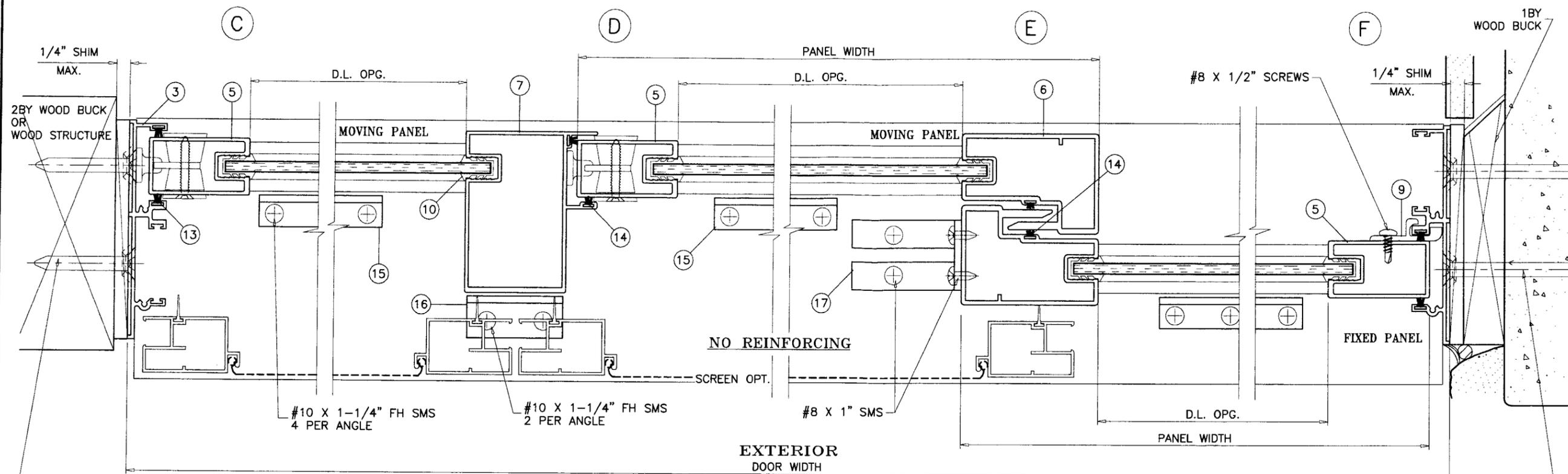
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revisions:	no	date	by	description
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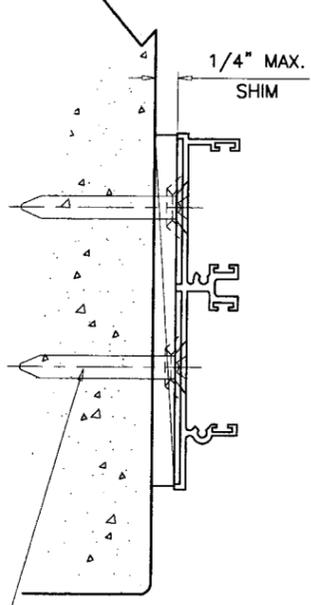
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drawing no.
W01-28
 sheet 2 of 4

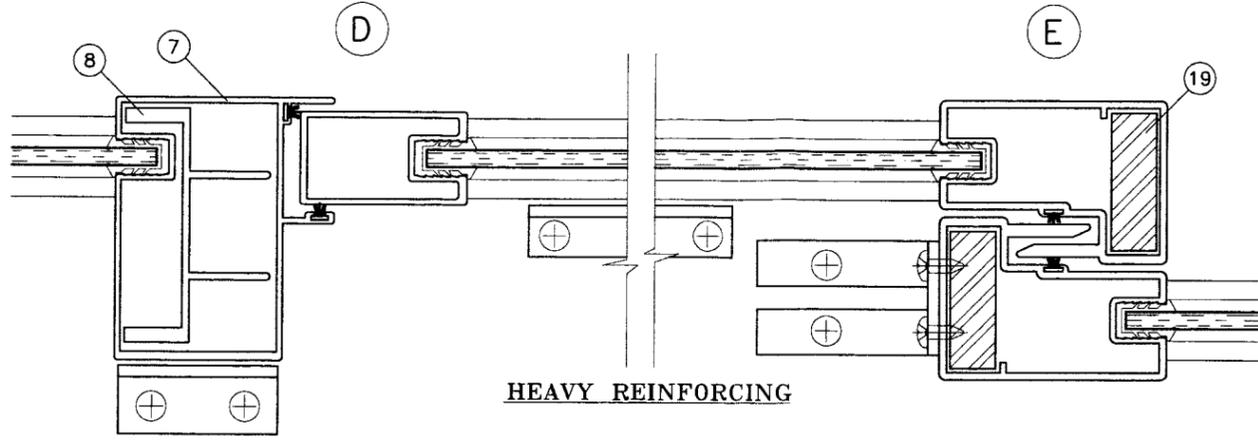
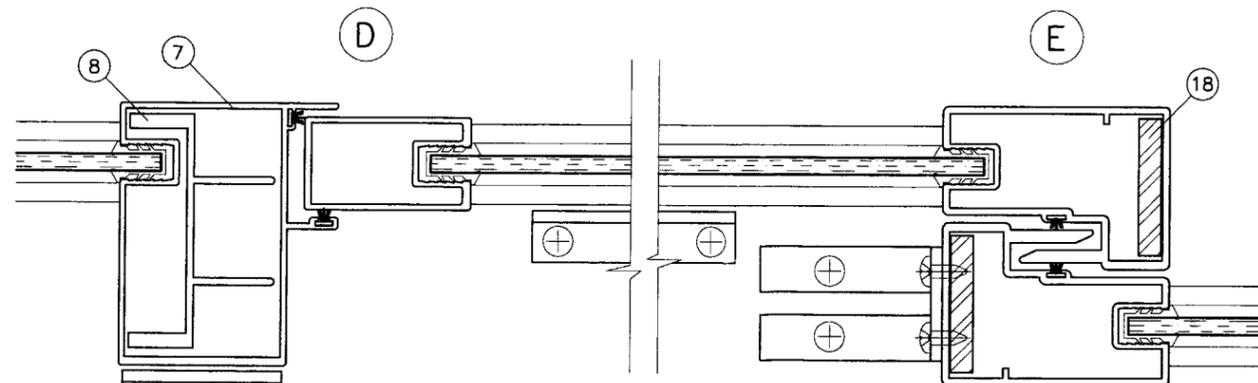


TYPICAL ANCHORS
IN PAIRS
SEE ELEV. FOR SPACING

TYPICAL ANCHORS
IN PAIRS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS
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Engr. DR. HUMAYOUN FAROOQ
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FLA. PE # 16557
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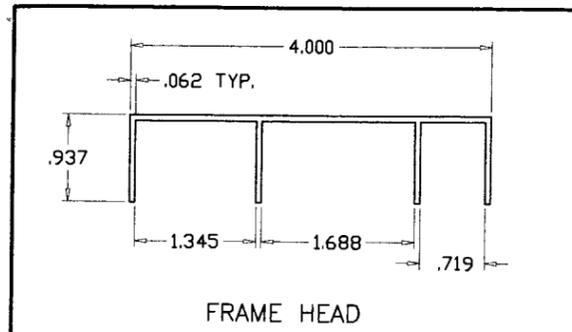
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Expiration Date DECEMBER 2007
By Ishaq I. Chauda
Miami Code Product Control
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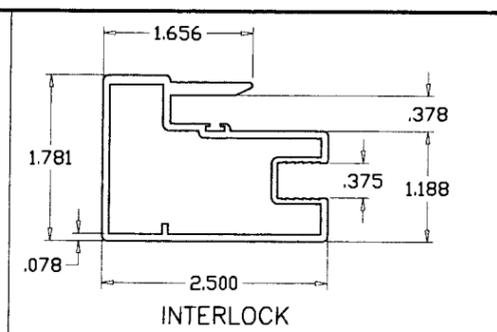
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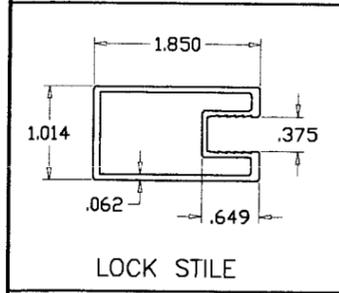
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chk. by:				
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sheet	3 of 4			



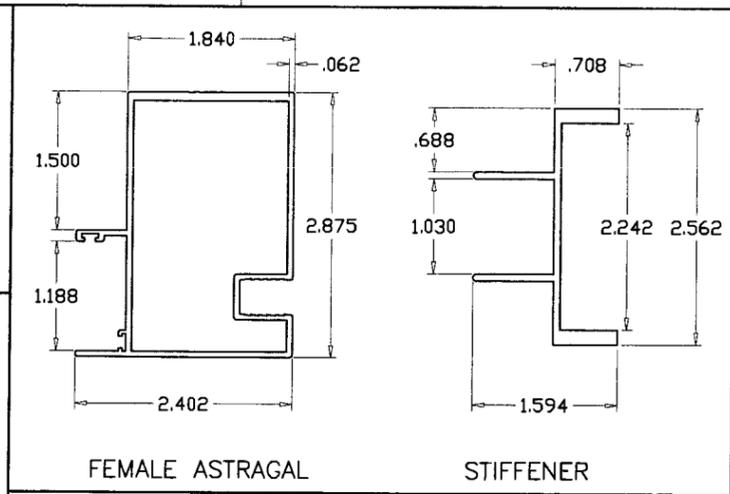
FRAME HEAD



INTERLOCK

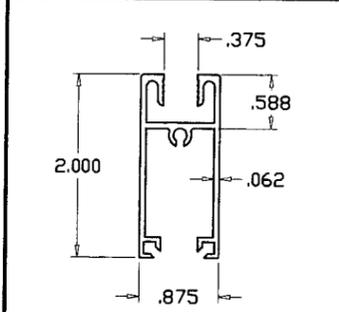


LOCK STILE

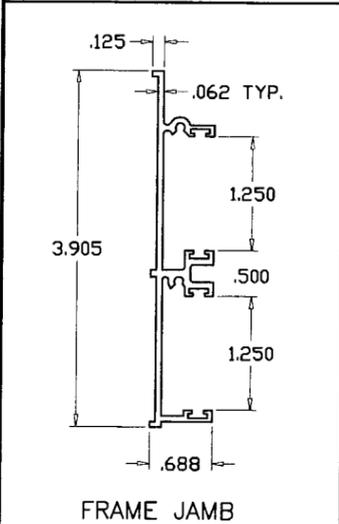


FEMALE ASTRAGAL

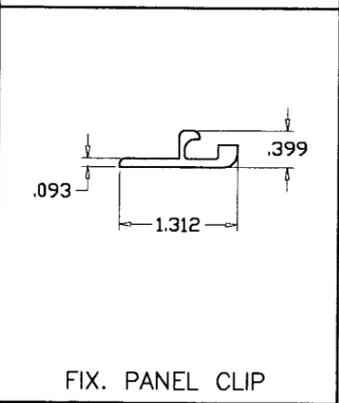
STIFFENER



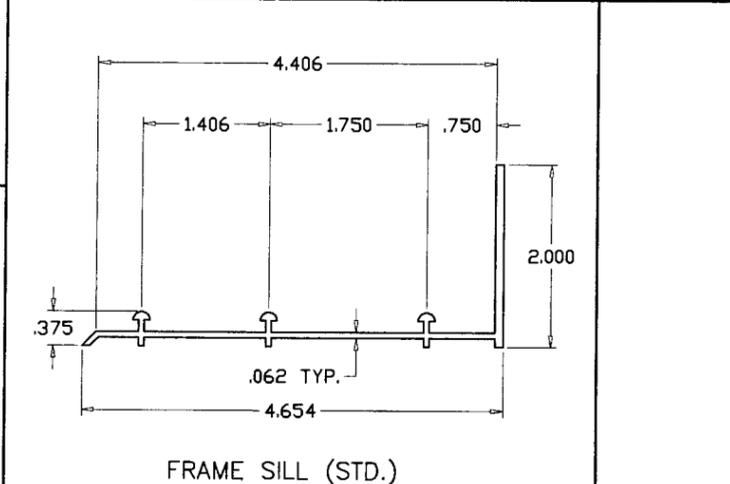
TOP/BOTTOM RAIL



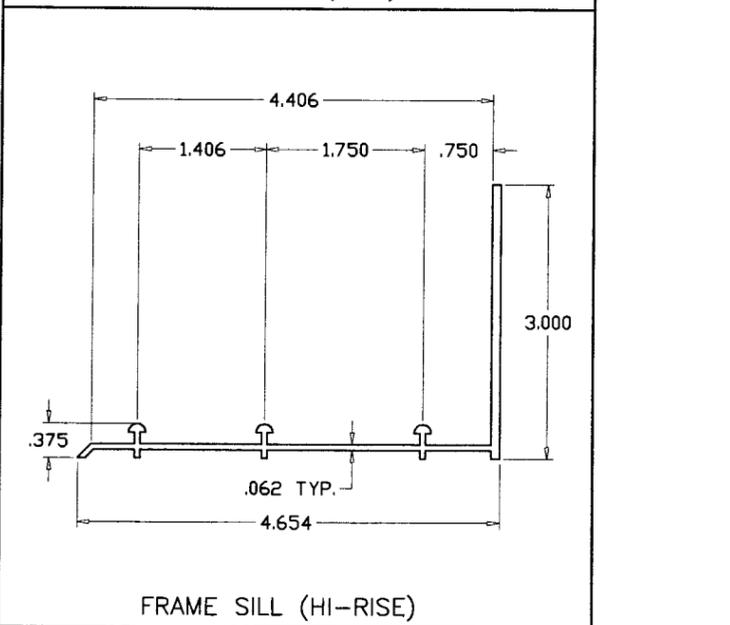
FRAME JAMB



FIX. PANEL CLIP



FRAME SILL (STD.)



FRAME SILL (HI-RISE)

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	PW-5-000-1	1	FRAME HEAD	6063-T6	-
2	PW-5-000-2	1	STANDARD FRAME SILL	6063-T6	-
2A	-	1	HI-RISE 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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 chk. by:
 drawing no.
W01-28
 sheet 4 of 4