



**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)

**Smith Mountain Impact Systems by Pande Pane
11520 SW 120 Street
Miami, FL 33176**

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 "MK-2" Aluminum Entrance Doors with Transom Lite

APPROVAL DOCUMENT: Drawing No. **W03-58**, titled "Series MK-2 Alum Entrance Door (L.M.I.)", prepared by AL-Farooq Corporation, sheets 1 through 7 of 7, dated 07/30/03, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and expiration 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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

[Handwritten signature]
11/10/2003


**NOA No 03-0925.03
Expiration Date: December 04, 2008
Approval Date: December 04, 2003**

Smith Mountain Impact Systems by Pande Pane

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-58**, titled "Series MK-2 Alum Entrance Door (L.M.I.)", prepared by AL-Farooq Corporation, sheets 1 through 7 of 7, dated 07/30/03, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

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) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Per FBC 2411 3.2.1 and TAS 202-94 along with marked-up drawings and installation diagram of a terrace door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3603**, dated 11/05/02, signed and sealed by Joseph Chan, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by AL-Farooq Corporation, dated 08/15/03, signed and sealed by Humayoun Farooq, P.E.
2. Complies with ASTM-E1300-98

D. MATERIAL CERTIFICATION

1. Notice of Acceptance No. **01-0205.02** issued to Solutia, Inc. for Saflex/Keepsafe" dated 5/17/01, expiring on 5/21/06
2. Notice of Acceptance No. **99-0302.04** issued to UCB Chemicals Corporation for "Uvekol-Liq Resin to adhere Glass" dated 5/17/01, expiring on 5/21/06

E. QUALITY ASSURANCE

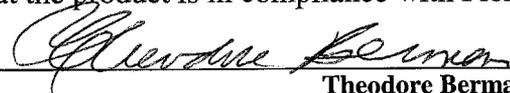
1. Miami-Dade County Building Code Compliance Office.

F. STATEMENTS

1. Statement letter of no financial interest, dated 09/03/03, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of conformance, dated 09/03/03, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Fenestration Testing Laboratory, Inc., Test Report No. FTL-3603, dated 11/27/02, signed and sealed by Joseph Chan, P.E.

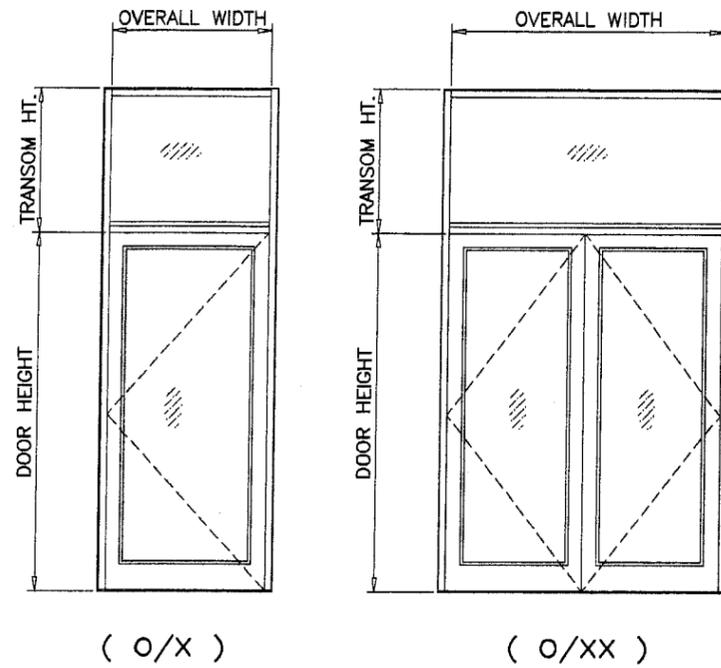
G. OTHER

1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC).



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-0925.03
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SINGLE OR DOUBLE ENTRANCE DOORS WITH TRANSOM				
NOMINAL DIMS.			GLASS TYPES 'A', 'B' OR 'C'	
OVERALL WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	EXT. (+)	INT. (-)
5/0	6/8	2/0	90.0	90.0
		2/6	90.0	90.0
		3/0	90.0	90.0
		3/4	90.0	90.0
	7/0	2/0	90.0	90.0
		2/6	90.0	90.0
		3/0	90.0	90.0
		8/0	2/0	90.0
6/0	6/8	2/0	90.0	90.0
		2/6	90.0	90.0
		3/0	90.0	90.0
		3/4	87.2	87.2
	7/0	2/0	90.0	90.0
		2/6	90.0	90.0
		3/0	87.9	87.9
		8/0	2/0	90.0
7/6	2/0	90.0	90.0	
	2/6	88.9	88.9	
	3/0	90.0	90.0	
	8/0	2/0	90.0	90.0



SERIES MK-2 ALUMINUM ENTRANCE DOOR

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT TRANSOMS.

SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH TRANSOMS SEE CHART ABOVE. SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOMS SEE SHEET 2.

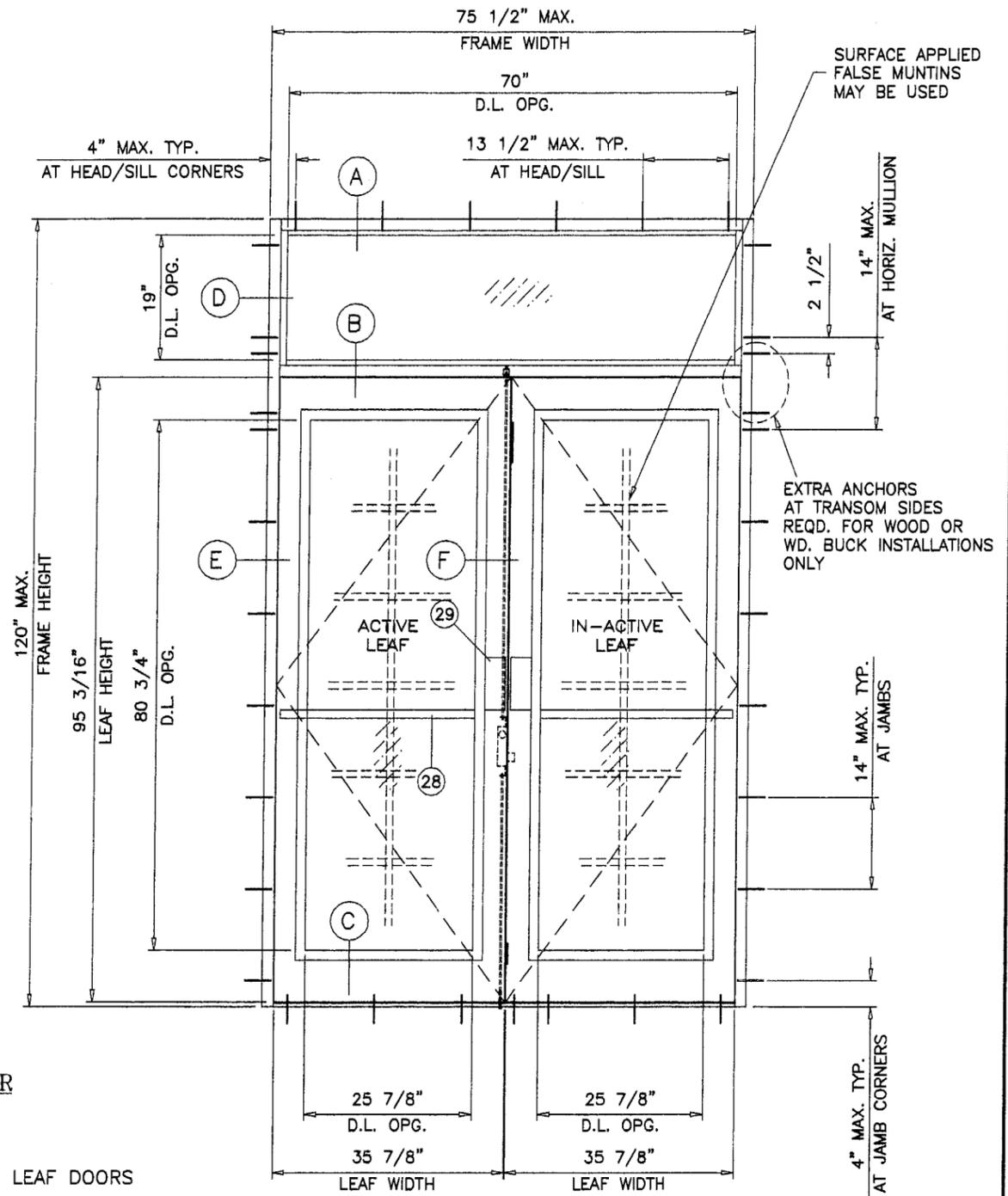
DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

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.



(O/XX)
TYPICAL ELEVATION
TESTED UNIT

Approved as complying with the Florida Building Code
Date 12/04/03
NOA# 02-0925.03
Miami Dade Product Control
Division
By: *Cherwin Berman*

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3539

OCT 20 2003

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W03-58SM

SERIES MK-2 ALUM ENTRANCE DOOR (L.M.I.)
SMITH MOUNTAIN IMPACT SYSTEMS
11520 S.W. 120 ST.
MIAMI, FL. 33176
TEL. (305) 278-2878 FAX. (305) 278-2879

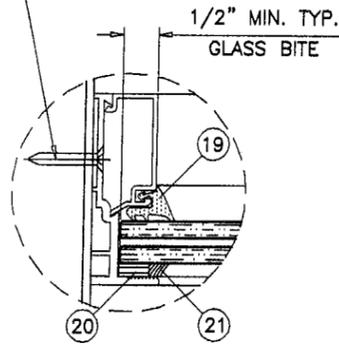
no	date	by	description	REV.	PER	COMMENTS
A	10.17.03					

revisions:

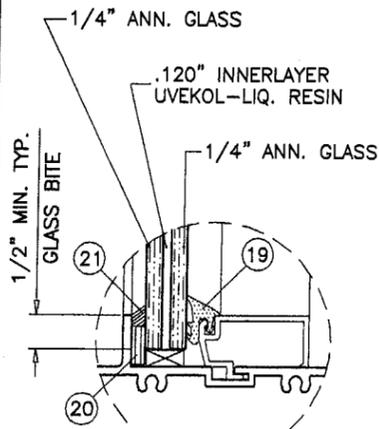
date: 07-30-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W03-58
sheet 1 of 7

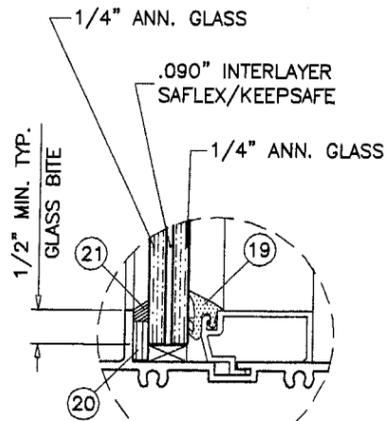
#12-24 X 3/4" FH SCREWS
AT 4' FROM CORNERS
AND 12' O.C. MAX. SPACING



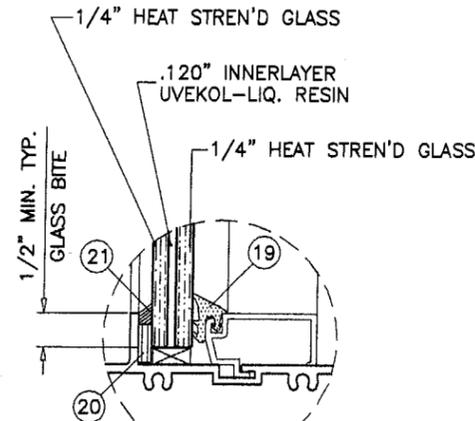
TRANSOM JAMB



GLASS TYPE 'A'

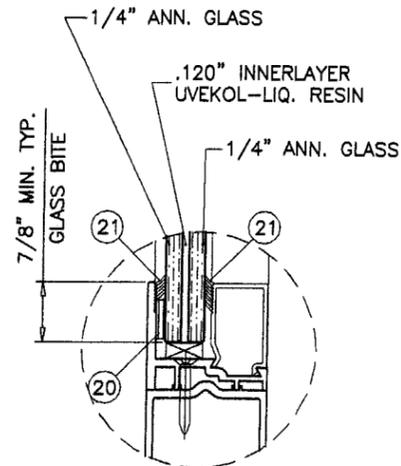


GLASS TYPE 'B'

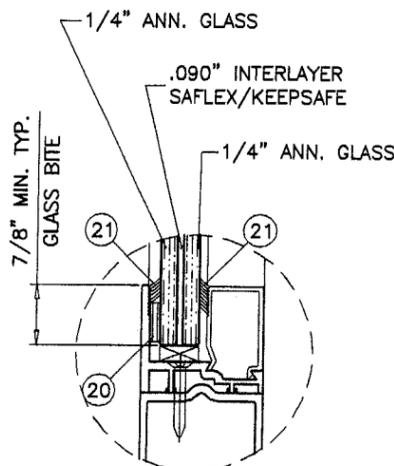


GLASS TYPE 'C'

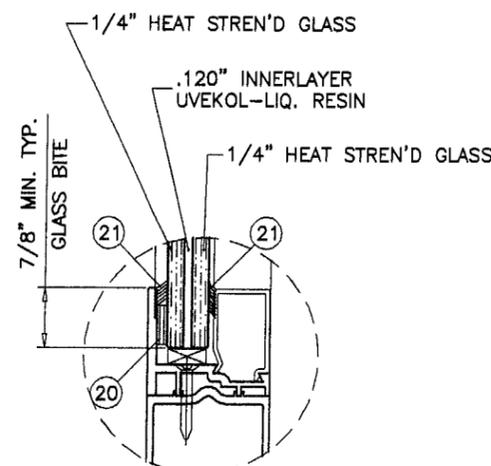
GLAZING DETAILS TRANSOM



GLASS TYPE 'A'

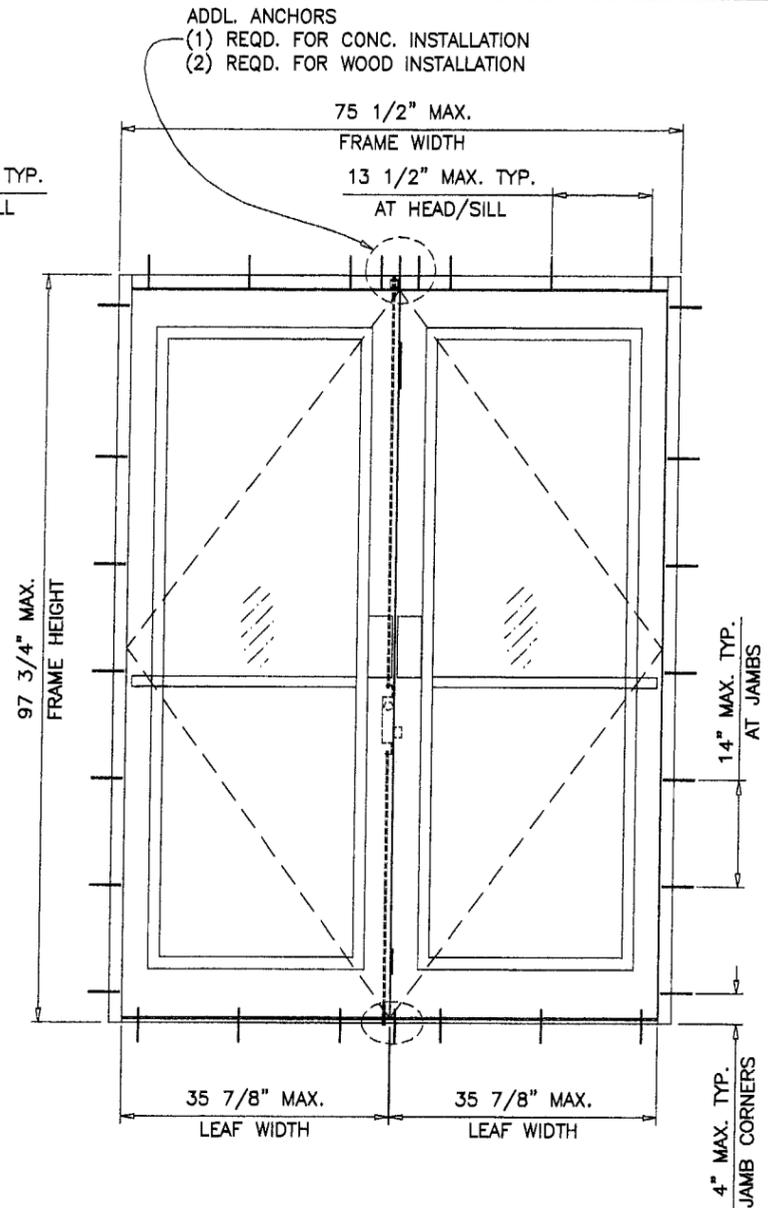
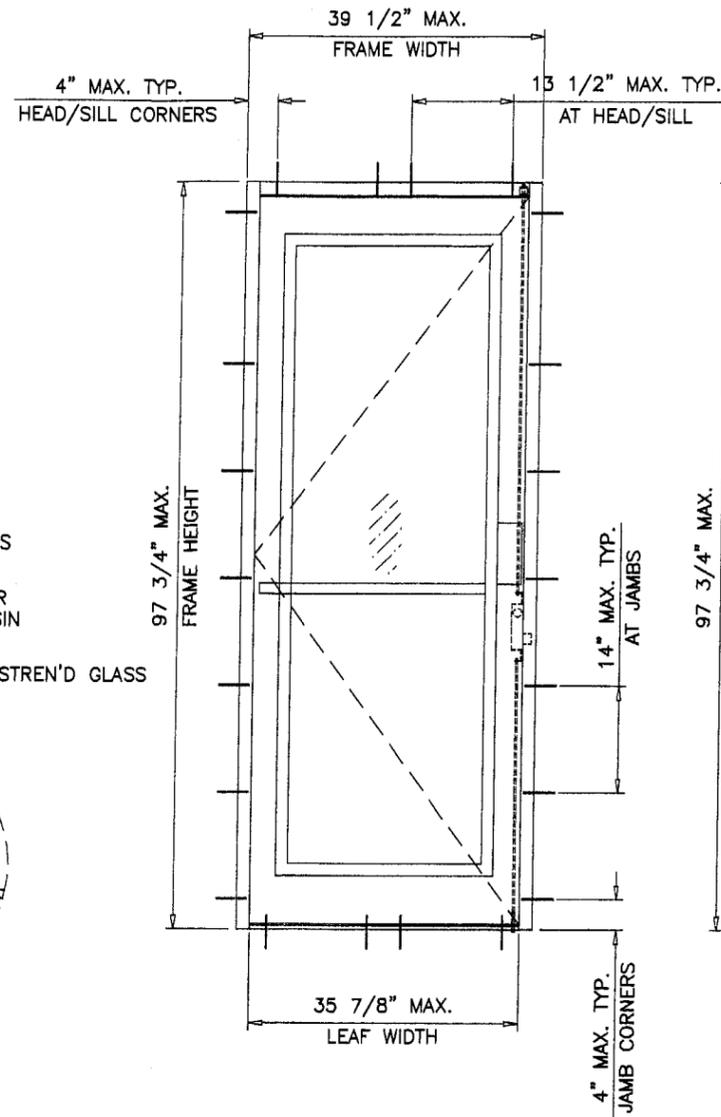


GLASS TYPE 'B'



GLASS TYPE 'C'

GLAZING DETAILS DOOR LEAF



MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 90.0 PSF

Approved as complying with the
Florida Building Code
Date: 12/04/03
NOA# 03-0925.03
Miami Dade Product Control
Division
By: *[Signature]*

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

OCT 20 2003

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W03-58SM

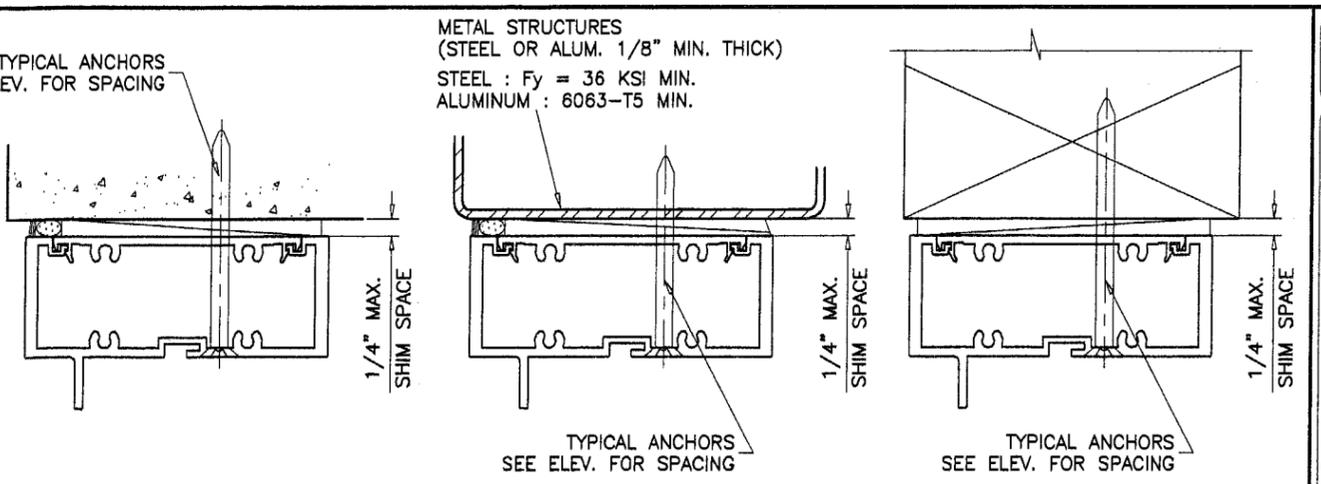
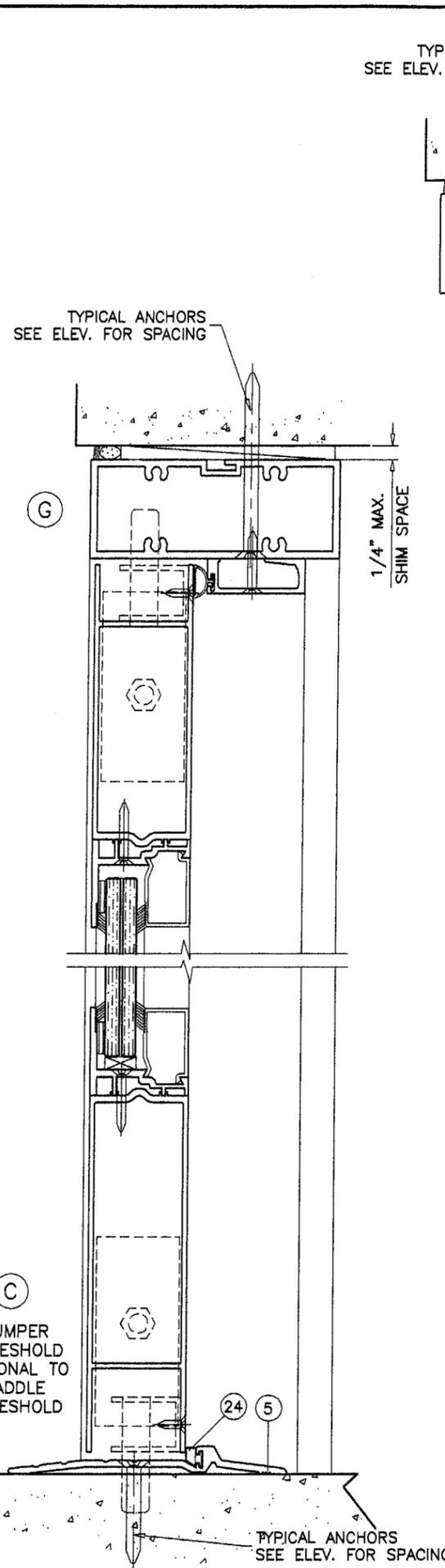
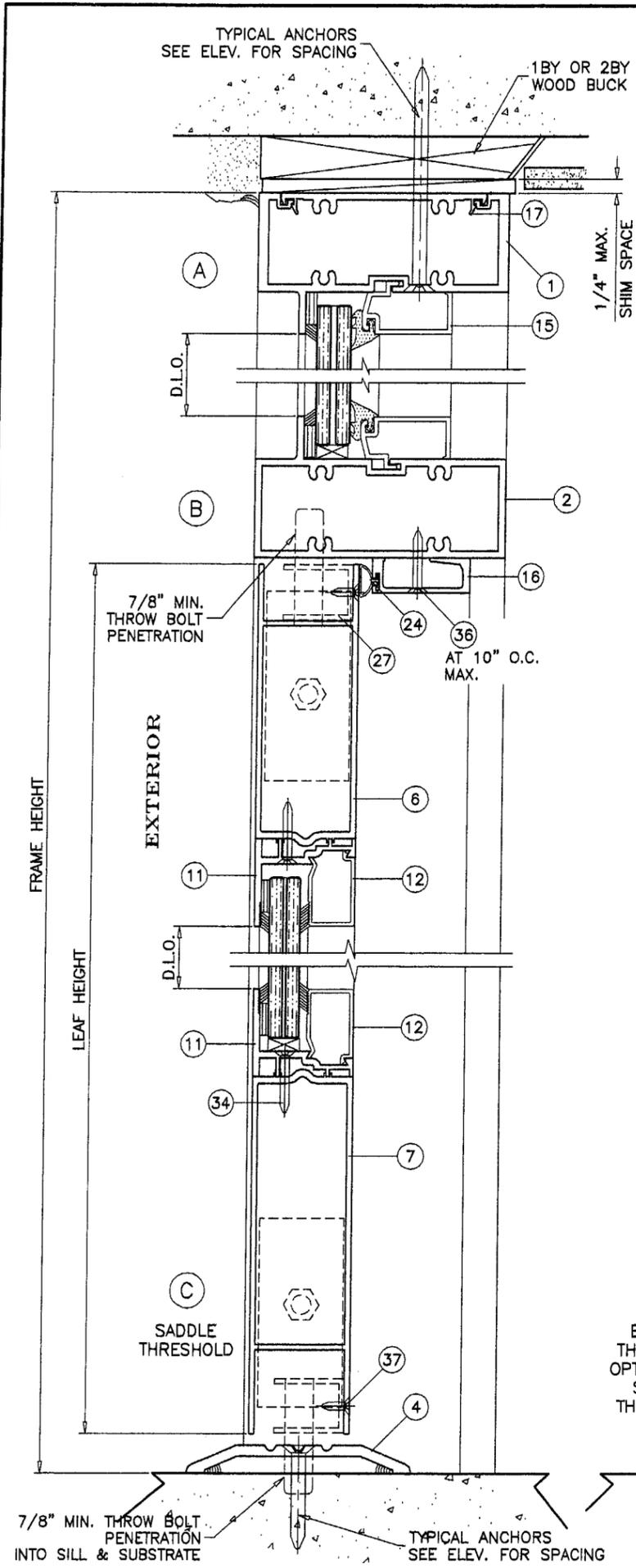
SERIES MK-2 ALUM ENTRANCE DOOR (L.M.I.)
SMITH MOUNTAIN IMPACT SYSTEMS
11520 S.W. 120 ST.
MIAMI, FL. 33176
TEL (305) 278-2878 FAX (305) 278-2879

no	date	description
A	10.17.03	NO CHANGE THIS SHEET

date: 07-30-03
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-58

sheet 2 of 7



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA TAPCONS
 INTO WOOD BUCKS OR WOOD STRUCTURES
 1-3/4" MIN. PENETRATION INTO WOOD
 THRU 1BY OR 2BY WOOD BUCKS INTO MASONRY OR CONC.
 1-1/4" MIN. EMBED INTO MASONRY OR CONC.
 DIRECTLY INTO MASONRY OR CONC.
 1-1/4" MIN. EMBED INTO MASONRY OR CONC.

1/4" SELF DRILLING SCREWS (DRILLFLEX OR EQUIV.)

INTO METAL STRUCTURES
 (STEEL OR ALUMINUM 1/8" MIN. THICK.)

STEEL : $F_y = 36$ KSI MIN.
 ALUMINUM : 6063-T5 MIN.

SEALANTS:

ALL FRAME AND LEAF CORNERS AND INSTALLATION SCREWS SEALED WITH SILICONE.

Approved as complying with the
 Florida Building Code
 Date 12/04/03
 NOA# 03-0925.03
 Miami Code Product Control
 Division
 By *Alfred Berma*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3638
 OCT 20 2003

afc

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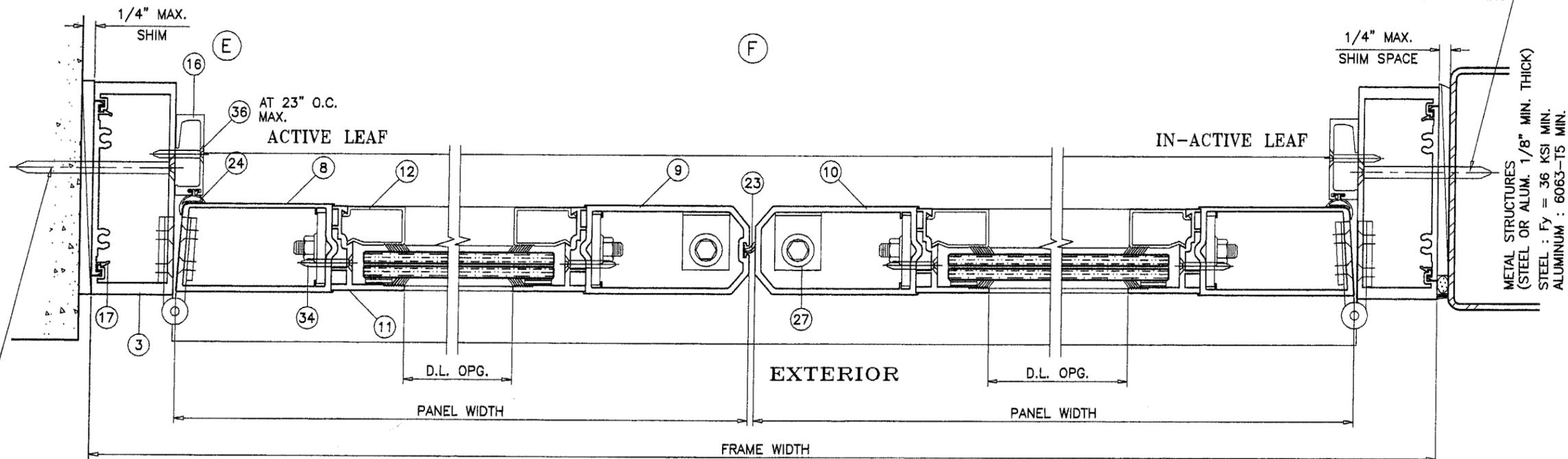
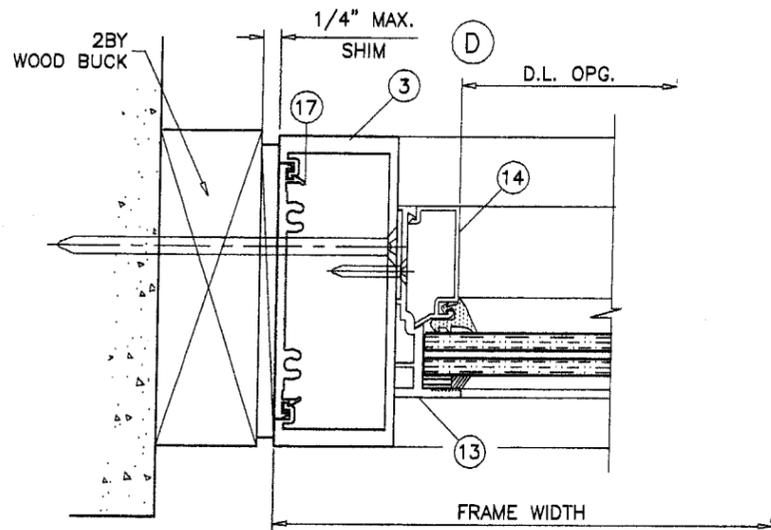
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no	date	by	description
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revisions:

date: 07-30-03
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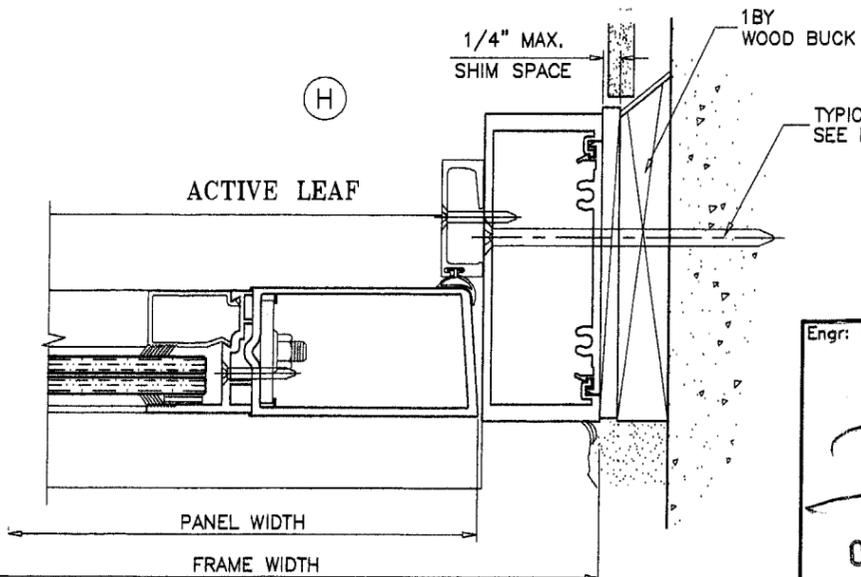
drawing no. **W03-58**
 sheet 3 of 7



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

METAL STRUCTURES
(STEEL OR ALUM. 1/8" MIN. THICK)
STEEL : Fy = 36 KSI MIN.
ALUMINUM : 6063-T5 MIN.



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

OCT 20 2003

Approved as complying with the
Florida Building Code
Date 12/09/03
NOAH 03-0925.03
Miami Dade Product Control
Division
By: *Cherish Gorman*

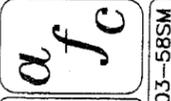
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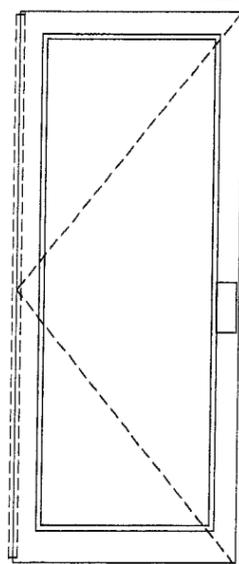
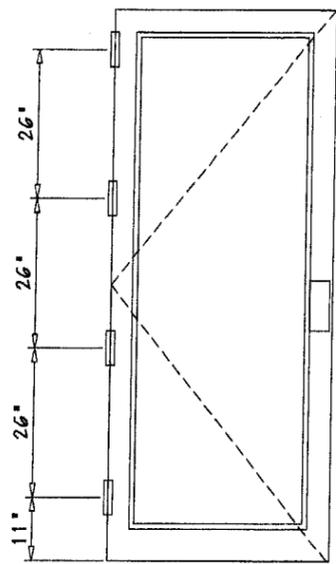
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sheet 4 of 7

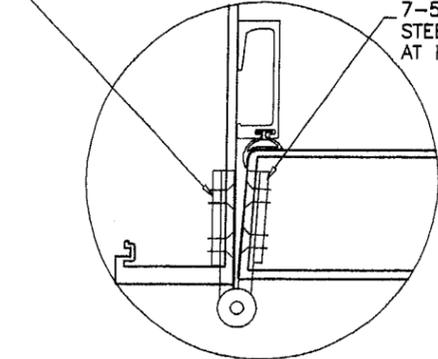


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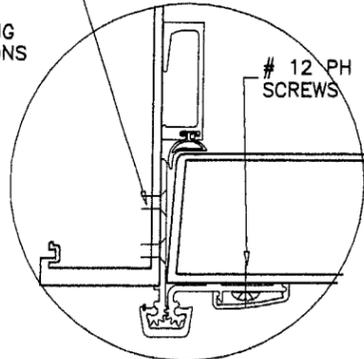
12 FH SELF TAPPING SCREWS
4 PER HASP

1-1/2" X 1/4" THK.
7-5/16" LONG
STEEL REINFORCING
AT HINGE LOCATIONS



12 FH SELF TAPPING SCREWS

12 PH SELF TAPPING SCREWS



HINGE OPTIONS:

4-1/2" BRASS BUTT HINGES

HAGER # BB-1199

CONCEALED ALUM ROTON HINGE

CONTINUOUS ALUMINUM
ROTON HINGE HAGER # 780-112
FASTENED TO FRAME JAMB AND TO JAMB STILE
WITH (27) TOTAL SCREWS ON 8/0 DOORS
WITH (25) TOTAL SCREWS ON 6/8 & 7/0 DOORS

LOCK OPTIONS:

SINGLE LEAF DOORS:

ALL SINGLE LEAF DOORS TO BE FITTED WITH
3 POINT LOCK

DOUBLE LEAF DOORS:

ACTIVE LEAF:

THREE POINT LOCK SYSTEM WITH 8 PLY HOOK LOCK
BOLT ADAMS RITE NO. 4015 & 4016, KEY OPERATED ON
EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT
34" FROM BOTTOM OF PANEL

INACTIVE LEAF:

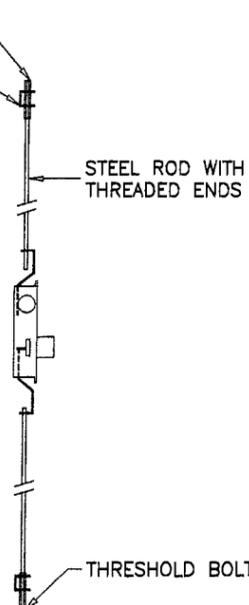
TWO POINT LOCK SYSTEM ADAMS RITE NO. 1880
WITH THUMB TURN ON THE INTERIOR, LOCATED AT
34" FROM BOTTOM OF PANEL

3/8" HEX STEEL TIP

BOLT GUIDE

STEEL ROD WITH
THREADED ENDS

THRESHOLD BOLT



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	5806A	1	FRAME HEAD	6063-T5	-
2	5710	AS REQD.	FRAME TRANSOM	6063-T5	-
3	6007	2	FRAME JAMB	6063-T5	-
4	24703	1	SADDLE THRESHOLD	6063-T5	-
5	K2-13	1	BUMPER THRESHOLD	6063-T5	-
6	5984	1/ LEAF	TOP RAIL	6063-T5	-
7	5987	1/ LEAF	BOTTOM RAIL	6063-T5	-
8	5986	1/ LEAF	HINGE STILE	6063-T5	-
9	5983	1	LOCK STILE (ACTIVE)	6063-T5	-
10	-	1	LOCK STILE (IN-ACTIVE)	6063-T5	-
11	5981	4/ LEAF	EXTERIOR GLASS STOP (DOOR)	6063-T5	-
12	5982	4/ LEAF	INTERIOR GLASS STOP (DOOR)	6063-T5	-
13	K2-11	-	EXTERIOR GLASS STOP (TRANSOM JAMB)	-	-
14	K2-10	-	INTERIOR GLASS STOP (TRANSOM JAMB)	-	-
15	5712	2/ LITE	GLASS STOP (TRANSOM HEAD/SILL)	-	-
16	-	3/ DOOR	DOOR STOP	6063-T5	-
17	K2-15	OPTIONAL	FLAT FILLER	-	-
18	-	-	-	-	-
19	H-63	AS REQD.	WEDGE-IN GASKET	NEOPRENE	UNIVERSAL RUBBER CO.
20	V2104	AS REQD.	GLAZING TAPE (1/2" X 1/8")	FOAM	NORTON
21	895	-	GLAZING COMPOUND	SILICONE	PECORA
22	-	-	-	-	-
23	PB8300-8349	AS REQD.	PILE WITH PLASTIC FIN W'STRIPPING	-	-
24	-	AS REQD.	BULB W'STRIPPING	VINYL	-
25	-	-	-	-	-
26	-	2/ LEAF	3/8" THREADED ROD WITH NUT	STEEL	-
27	-	2/ LEAF	FLUSH BOLT GUIDE	ST. STEEL	-
28	-	AS REQD.	PUSH BAR	-	-
29	-	AS REQD.	PULL HANDLE	-	-
30	-	2	THRESHOLD CLIP	ALUMINUM	2" X 2" X 1/8" X 3/4" LONG
31	-	4/ LEAF	SUPPORT PLATE (1-1/2" X 3-3/8" X 3/16")	ALUMINUM	-
32	-	-	-	-	-
33	#12 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	-	HEX H SELF DRILLING
34	#10 X 1-1/2"	AS REQD.	GLASS STOP SCREWS	-	FH SMS
35	#12 X 3/4"	AS REQD.	THRESHOLD CLIP SCREWS	-	FH SELF DRILLING
36	#10 X 1-1/4"	AS REQD.	DOOR STOP SCREWS	-	FH SMS
37	#10 X 5/16"	2/ GUIDE	GUIDE INSTALLATION SCREWS	-	FH MS
38	-	-	-	-	-

Approved as complying with the
Florida Building Code
Date: 12/04/03
NOA# 03-0923.03
Miami Dade Product Control
Division
By: *Alfredo Belmont*

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

A

OCT 20 2003

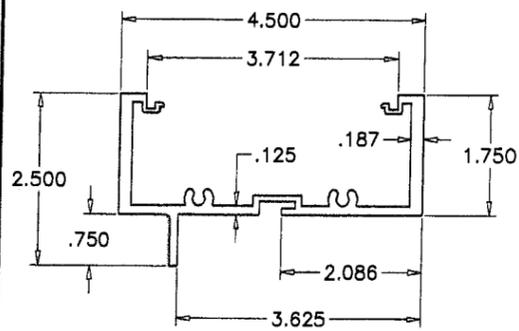
afc
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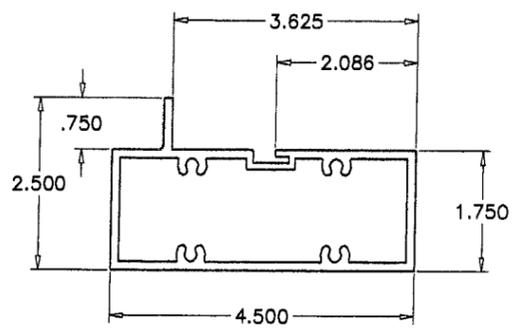
no	date	description
A	10.17.03	NO CHANGE THIS SHEET

date: 07-30-03
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

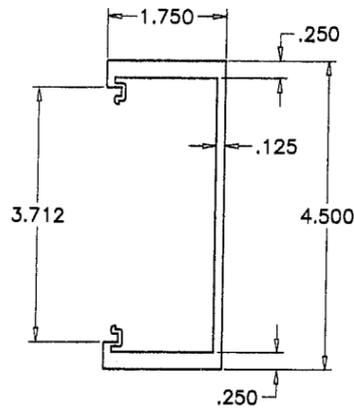
drawing no.
W03-58
sheet 5 of 7



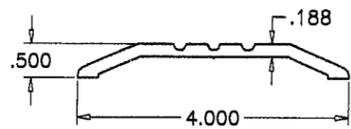
FRAME HEAD



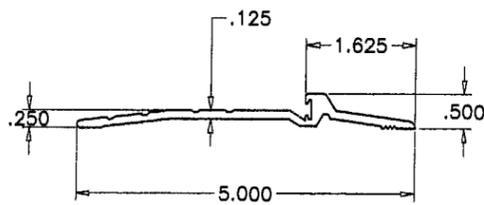
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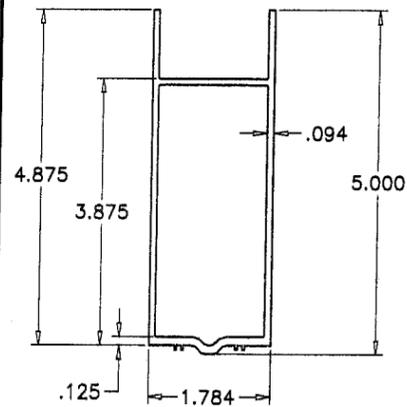
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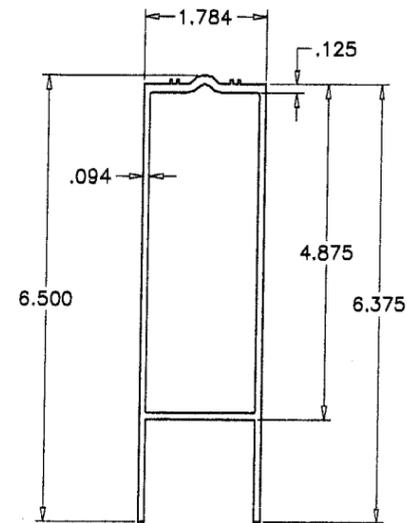
SADDLE THRESHOLD



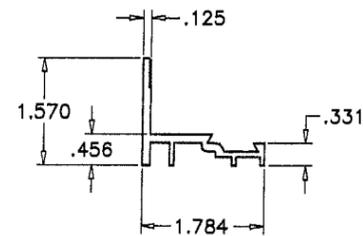
BUMPER THRESHOLD



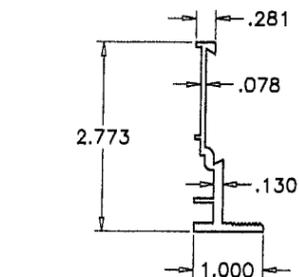
TOP RAIL



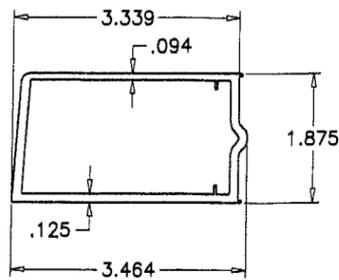
BOTTOM RAIL



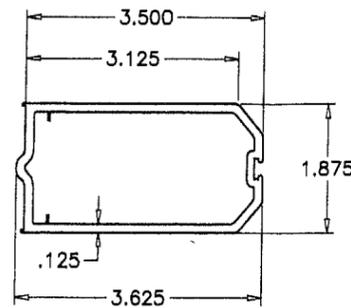
EXTERIOR GLASS STOP (DOOR)



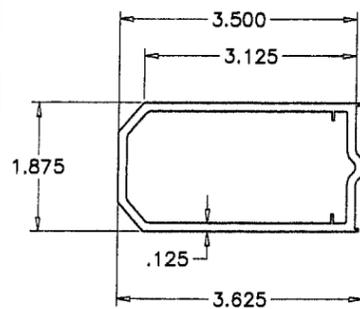
EXTERIOR GLASS STOP (TRANSOM)



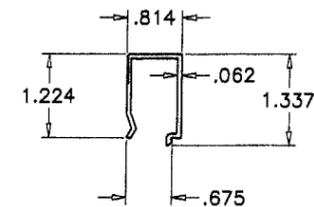
HINGE STILE



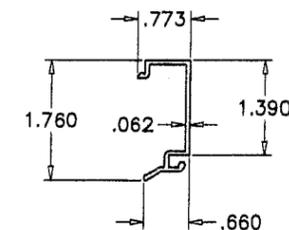
LOCK STILE (ACTIVE)



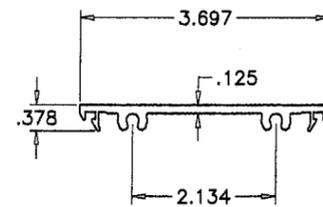
LOCK STILE (IN-ACTIVE)



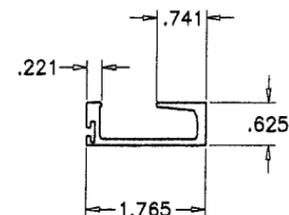
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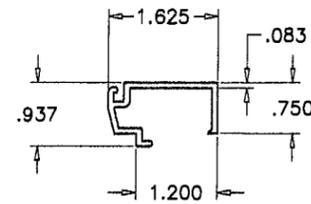
INTERIOR GLASS STOP (TRANSOM)



FLAT FILLER



DOOR STOP



GLASS STOP (TRANSOM HEAD/SILL)

Approved as complying with the
Florida Building Code
Date 12/09/03
NOA# 05-0925.03
Miami Dade Product Control
Division
By Glenn Korman

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

OCT 20 2003

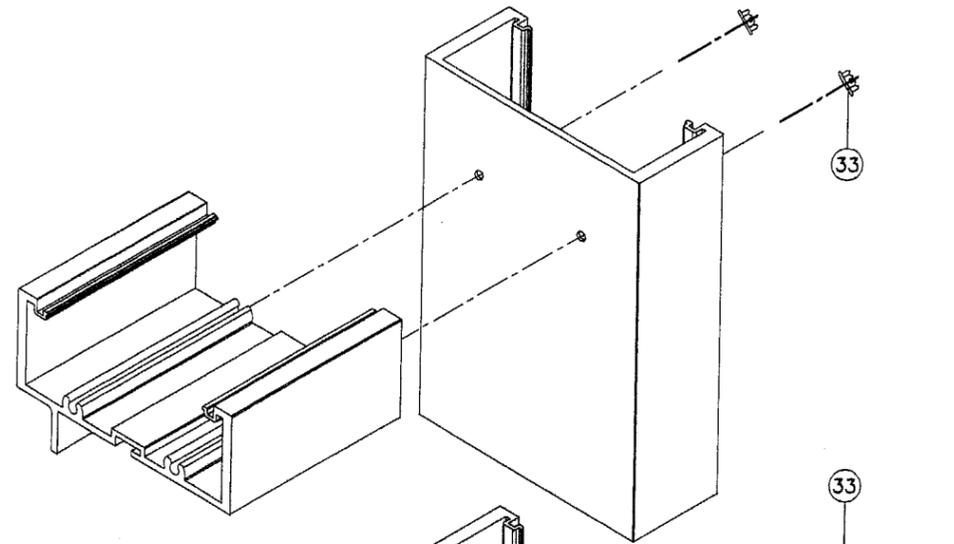
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-58SM

SERIES MK-2 ALUM ENTRANCE DOOR (L.M.I.)
SMITH MOUNTAIN IMPACT SYSTEMS
11520 S.W. 120 ST.
MIAMI, FL. 33176
TEL. (305) 278-2878 FAX. (305) 278-2879

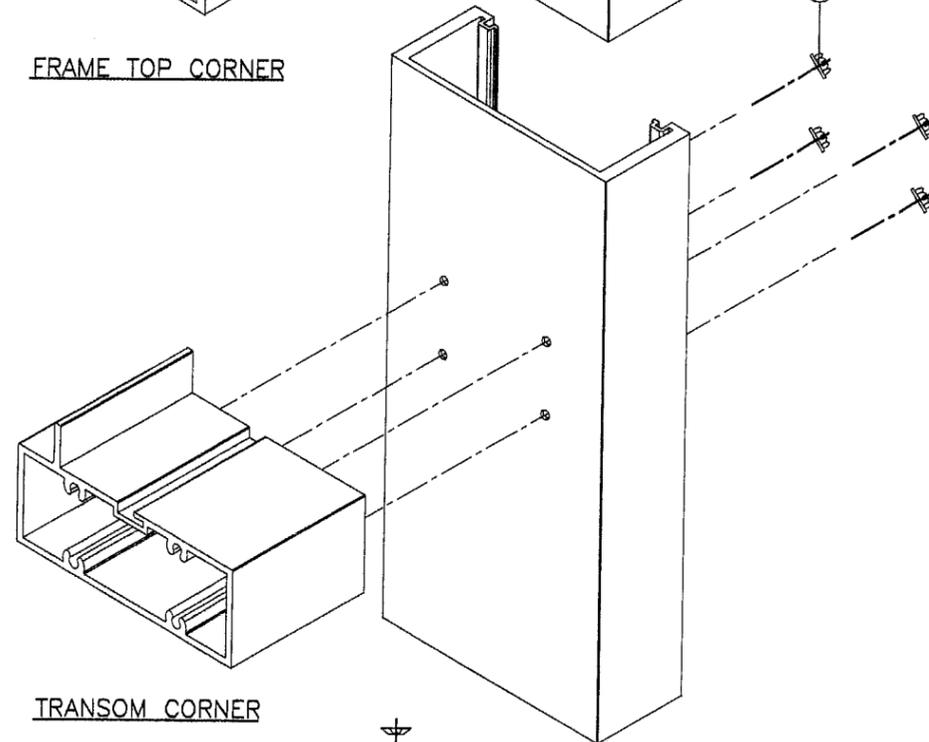
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dr. by: HAMID
chk. by:

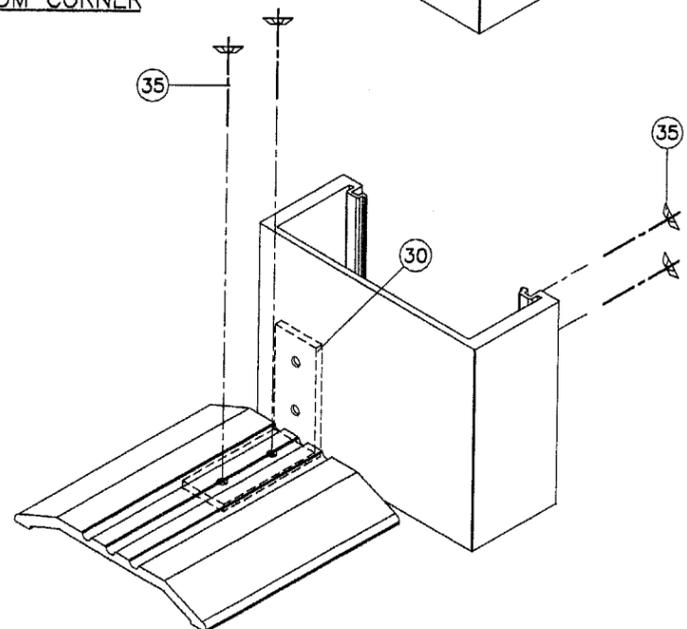
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W03-58
sheet 6 of 7



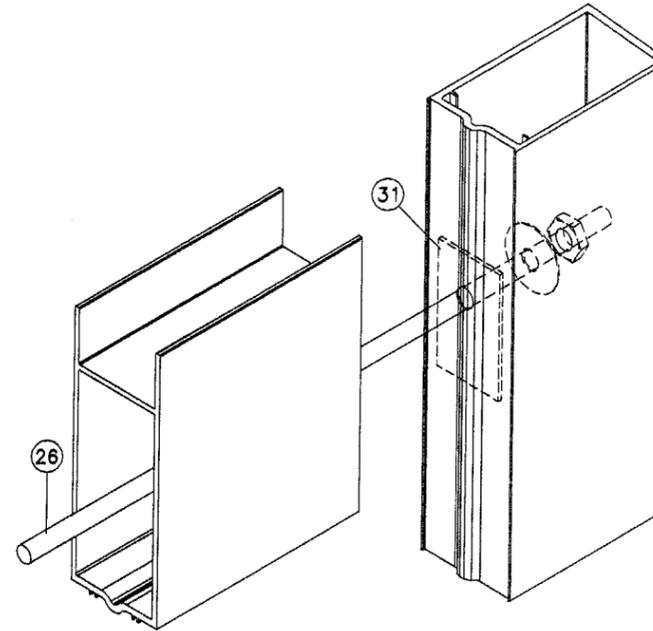
FRAME TOP CORNER



TRANSOM CORNER



FRAME BOTTOM CORNER



DOOR LEAF CORNER

Approved as complying with the
 Florida Building Code
 Date 12/04/03
 NOAH 03-0925.03
 Miami Dade Product Control
 Division
 By *Alexander Korman*

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. FE # 16557
 C.A.N. 3536

OCT 20 2003



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revisions:	no	date	by	description
	A	10.17.03		NO CHANGE THIS SHEET

date: 07-30-03	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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drawing no.
W03-58
 sheet 7 of 7