



**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**

**Arch Aluminum & Glass Company**  
**10200 N.W. 67th Street**  
**Tamarac, FL 33321**

Your application for Notice of Acceptance (NOA) of:

**Magnum Stile Aluminum Entrance 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 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.: 01-1102.01**  
**EXPIRES: 01/03/2007**

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: 01/03/2002**

APPROVED: January 3, 2002

EXPIRES: January 3, 2007

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This Notice of Acceptance (NOA) approves an aluminum storefront door, as described in Section 2 of this NOA, 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 **Magnum Stile Impact Alum Entrance Door** and its components shall be constructed in strict compliance with the following document: Drawing No **W01-40**, Sheets 1 through 6 of 6, titled "Magnum Stile Impact Alum Entrance Door," prepared by Al Farooq Corporation, dated 06/22/01 with latest revision date of 12/11/01, signed and sealed by Dr. Humayoun Farooq, P.E, bearing the Miami-Dade County Product Control approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

**3. LIMITATIONS**

3.1 This approval applies to elevations as shown in approved drawings. .

**4. INSTALLATION**

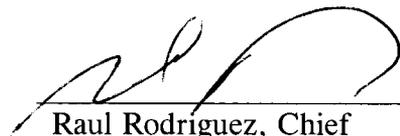
4.1 The door system and its components shall be installed in strict compliance with the approved drawings.  
4.2 The installation of this door system **will not require** additional hurricane protection system.

**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 NOA  
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this NOA, 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.



Raul Rodriguez, Chief  
Product Control Division

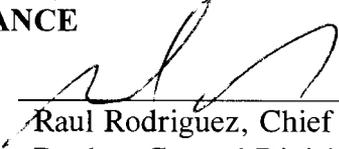
APPROVED: January 3, 2002

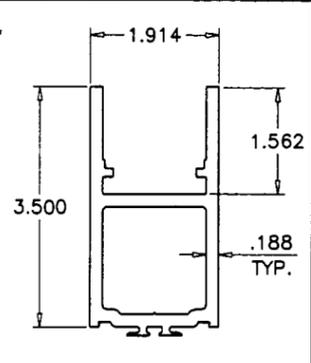
EXPIRES: January 3, 2007

**NOTICE OF ACCEPTANCE: STANDARD CONDITIONS**

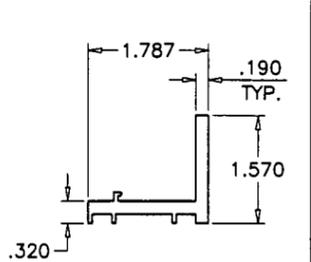
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with 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**

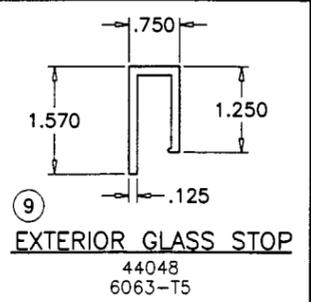
  
\_\_\_\_\_  
Raul Rodriguez, Chief  
Product Control Division



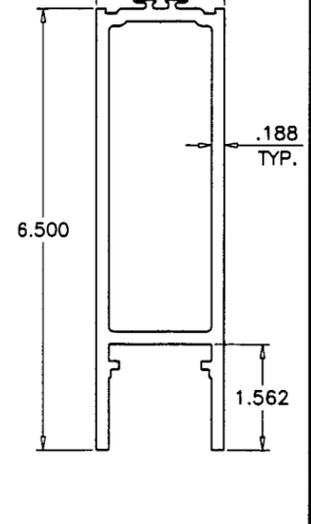
③ TOP RAIL  
44023  
6063-T5



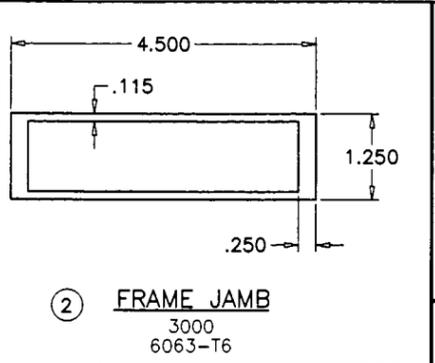
⑩ INTERIOR GLASS STOP  
44047  
6063-T5



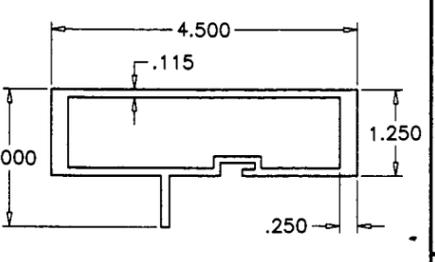
⑨ EXTERIOR GLASS STOP  
44048  
6063-T5



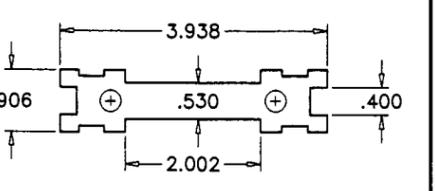
④ BOTTOM RAIL  
44024  
6063-T5



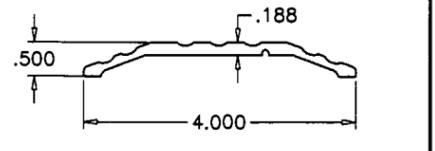
② FRAME JAMB  
3000  
6063-T6



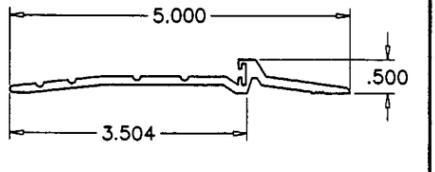
① HEADER/TRANSOM BAR  
3001  
6063-T6



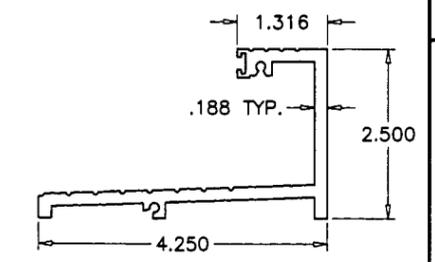
⑩ SIXTEEN SHEAR BLOCK  
3004  
6063-T6



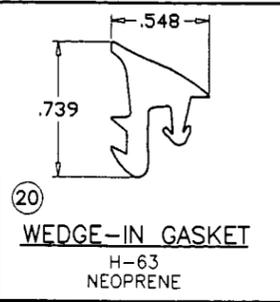
⑬ THIRTEEN SADDLE THRESHOLD  
40290  
6063-T5



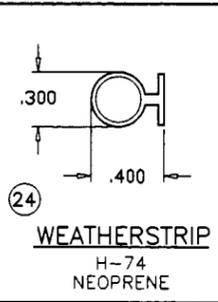
⑭ FOURTEEN BUMPER THRESHOLD  
1042  
6063-T5



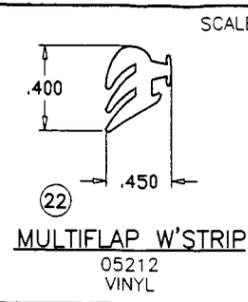
⑮ FIFTEEN WATER THRESHOLD  
B-THF-2  
6063-T6



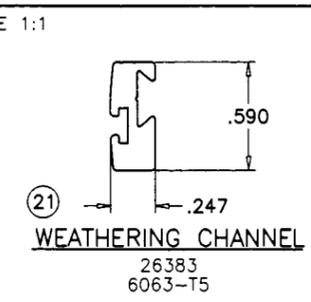
⑳ TWENTY WEDGE-IN GASKET  
H-63  
NEOPRENE



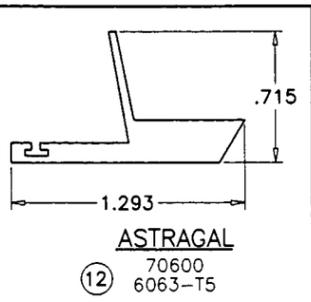
⑳ TWENTYFOUR WEATHERSTRIP  
H-74  
NEOPRENE



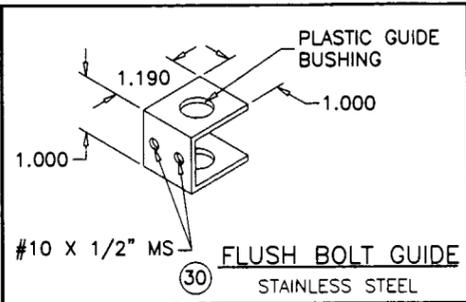
⑳ TWENTYTWO MULTIFLAP W'STRIP  
05212  
VINYL



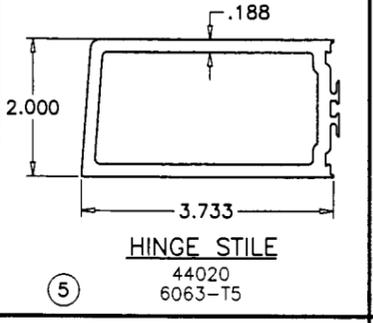
⑳ TWENTYONE WEATHERING CHANNEL  
26383  
6063-T5



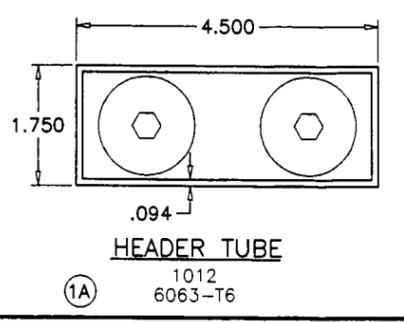
⑫ TWELVE ASTRAGAL  
70600  
6063-T5



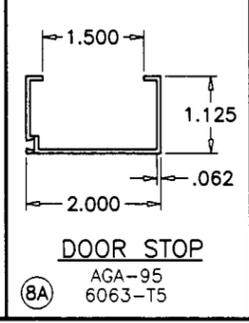
⑳ THIRTY FLUSH BOLT GUIDE  
#10 X 1/2" MS  
STAINLESS STEEL



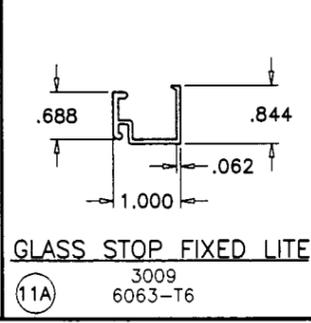
⑤ FIVE HINGE STILE  
44020  
6063-T5



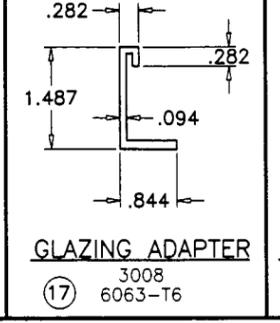
①A ONE A HEADER TUBE  
1012  
6063-T6



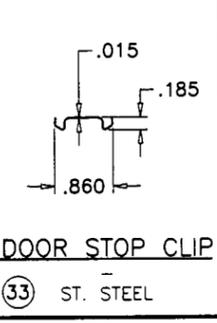
⑧A EIGHTA DOOR STOP  
AGA-95  
6063-T5



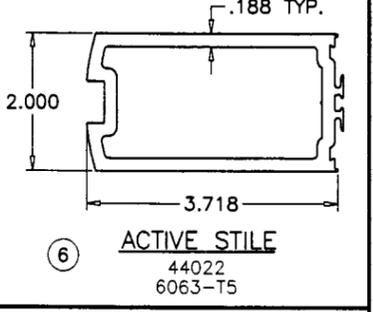
①A ELEVENA GLASS STOP FIXED LITE  
3009  
6063-T6



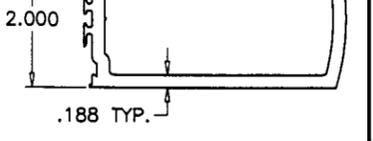
⑰ SEVENTEEN GLAZING ADAPTER  
3008  
6063-T6



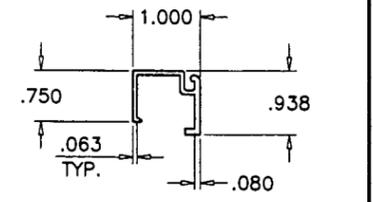
③③ THIRTYTHREE DOOR STOP CLIP  
ST. STEEL



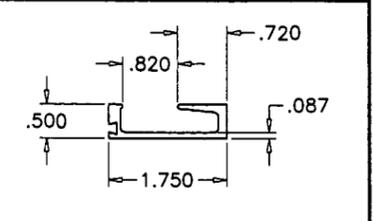
⑥ SIX ACTIVE STILE  
44022  
6063-T5



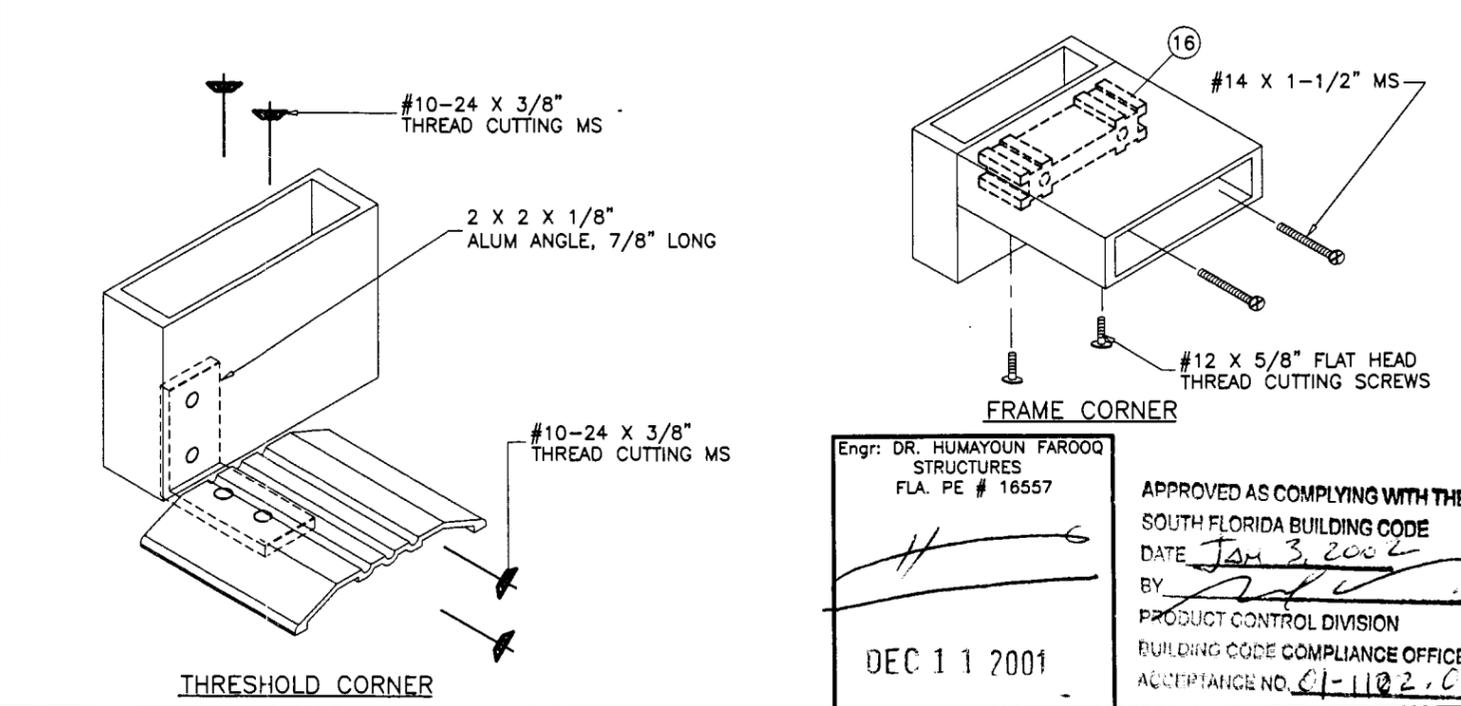
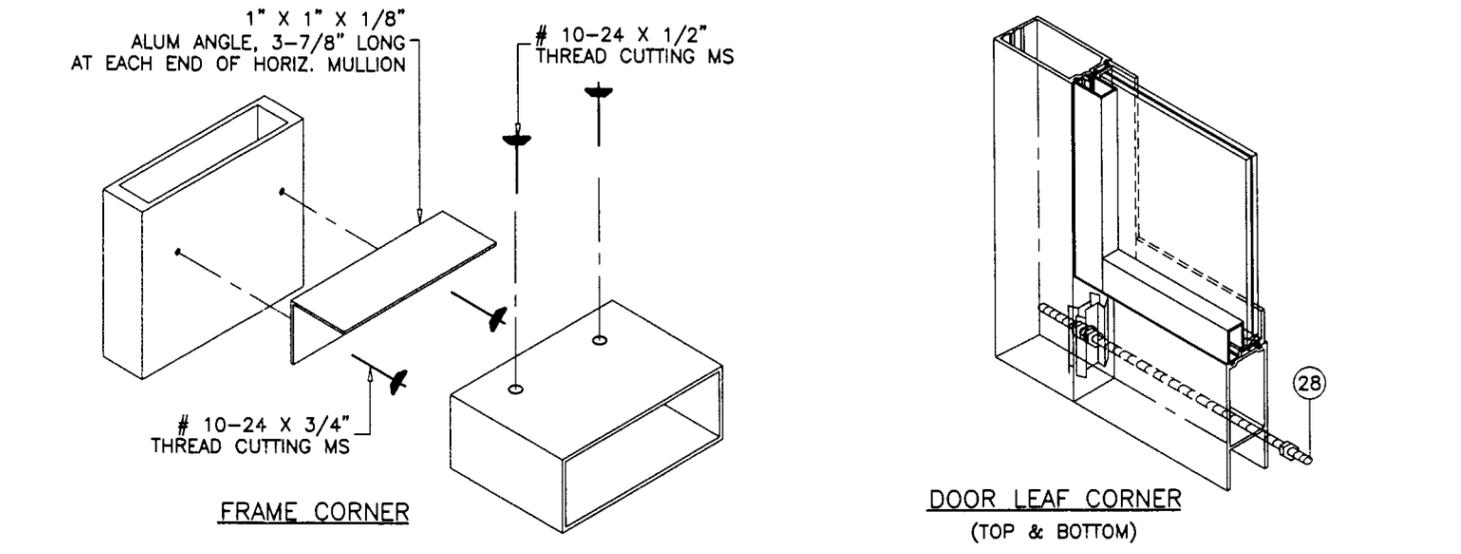
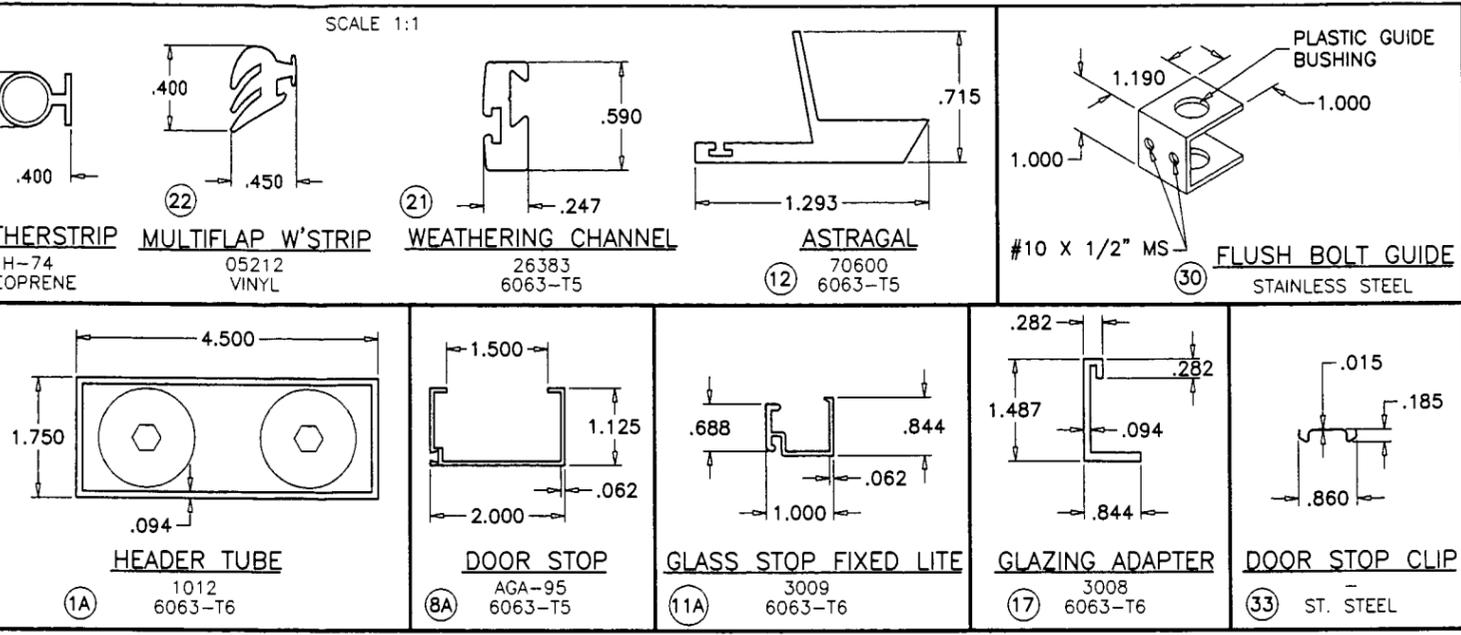
⑦ SEVEN IN-ACTIVE STILE  
44021  
6063-T5



⑪ ELEVEN TRANSOM GLASS STOP  
3003  
6063-T5



⑧ EIGHT DOOR STOP  
1046A  
6063-T5



**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W01-40AA

MAGNUM STILE IMPACT ALUM ENTRANCE DOOR  
**ARCH ALUMINUM & GLASS L.C.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
TEL. (800) 432-8132 FAX. (954) 724-9293

no	date	by	description

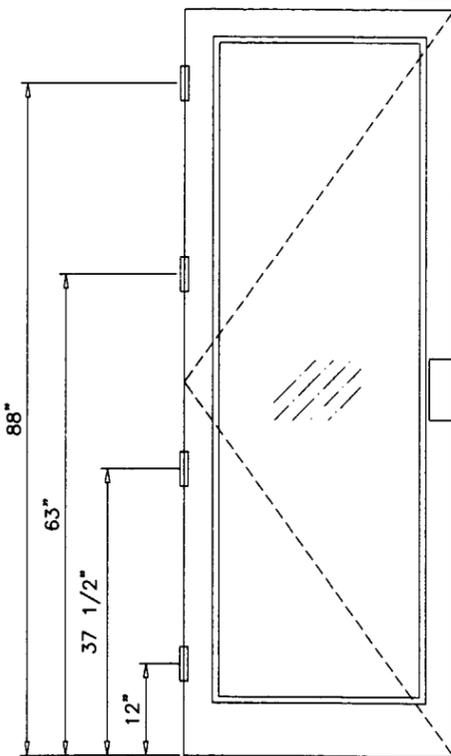
revisions:

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chk. by:

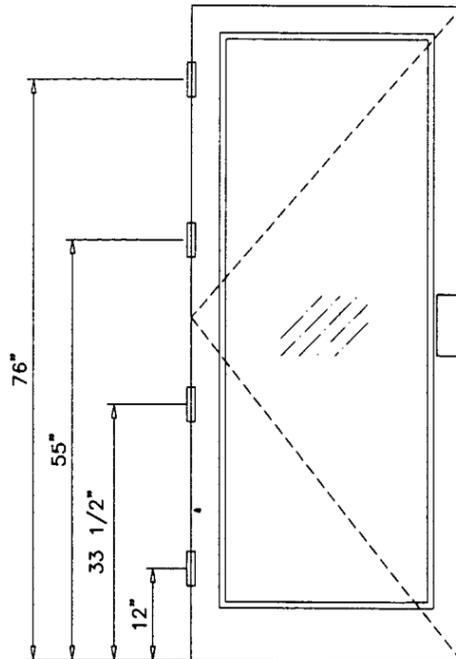
drawing no. **W01-40**  
sheet 6 of 6

Engr: DR. HUMAYOON FAROOQ  
STRUCTURES  
FLA. PE # 16557  
DATE JAN 3, 2002  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1102.01  
DEC 11 2001

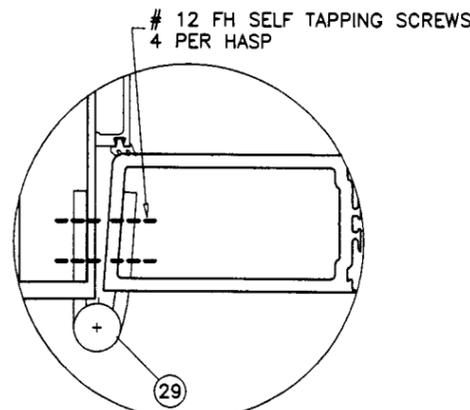
APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE JAN 3, 2002  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1102.01



8/0 DOOR HT.



7/0 DOOR HT.



HINGE DETAIL

4-1/2" BRASS BUTT HINGES

**LOCK OPTIONS:**

**SINGLE LEAF DOORS:**

ALL SINGLE LEAF DOORS TO BE FITTED WITH 3 POINT LOCK

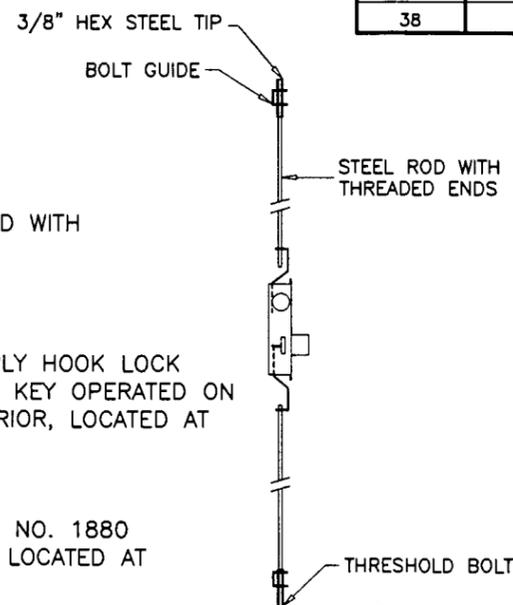
**DOUBLE LEAF DOORS:**

**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



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	3001	1	HEADER/TRANSOM BAR	6063-T6	ARCH ALUM
1A	1012	1	HEADER TUBE (CONCEALED CLOSERS)	6063-T6	ARCH ALUM
2	3000	1	FRAME JAMB	6063-T6	ARCH ALUM
3	44023	1/ LEAF	TOP RAIL	6063-T5	ARCH ALUM
4	44024	1/ LEAF	BOTTOM RAIL	6063-T5	ARCH ALUM
5	44020	1/ LEAF	HINGE STILE	6063-T5	ARCH ALUM
6	44022	1/ ACTIVE LEAF	ACTIVE STILE	6063-T5	ARCH ALUM
7	44021	1/ INACTIVE LEAF	INACTIVE STILE	6063-T5	ARCH ALUM
8	1046A	3	DOOR STOP	6063-T5	ARCH ALUM
8A	AGA-95	3	DOOR STOP	6063-T5	ARCH ALUM
9	44048	4/ LEAF	EXTERIOR GLASS STOP	6063-T5	ARCH ALUM
10	44047	4/ LEAF	INTERIOR GLASS STOP	6063-T5	ARCH ALUM
11	3003	4/ LITE	FIXED LITE GLASS STOP	6063-T5	ARCH ALUM
11A	3009	4/ LITE	FIXED LITE GLASS STOP	6063-T6	ARCH ALUM
12	70600	1	ASTRAGAL (ADD-ON)	6063-T5	ARCH ALUM
13	40290	1	SADDLE THRESHOLD	6063-T5	ARCH ALUM
14	1042	1	4" BUMPER THRESHOLD (OPT. TO SADDLE)	6063-T5	ARCH ALUM
15	BTHF-2	1	WATER THRESHOLD	6063-T6	ARCH ALUM
16	3004	1/ FRAME CORNER	SHEAR BLOCK	6063-T6	ARCH ALUM
17	3008	AS REQD.	GLAZING ADAPTER (TRANSOM)	6063-T6	ARCH ALUM
18	V2104	AS REQD.	TAPE (1/2" X 1/8")	-	NORTON
19	995	AS REQD.	SEALANT (BETWEEN GLAZING BEAD & GLASS)	SILICONE	DOW CORNING
20	H-63	4/ FIXED LITE	WEDGE-IN GASKET	NEOPRENE	UNIVERSAL RUBBER
21	26383	1	WEATHERING CHANNEL	6063-T5	ARCH ALUM
22	-	1/ DOOR STOP	MULTI FLAP WEATHERSTRIPPING	VINYL	-
23	S-PILE	AS REQD.	PILE WEATHERSTRIPPING (.155W X .380H)	-	SCHLEGEL
24	-	-	BULB WEATHERSTRIPPING	VINYL	PEMKO
25	725047	1/ LEAF	BOTTOM SWEEP WITH BLADE	6063-T5	ARCH ALUM
26	H-62C	AS REQD.	SETTING BLOCKS 3 PER LITE	NEOPRENE	UNIVERSAL RUBBER
27	-	-	-	-	-
28	TR36	2/ LEAF	3/8" THREADED ROD WITH NUT	-	ARCH ALUM
29	H-15	4/ LEAF	4-1/2" X 5" BUTT HINGE	BRASS	HAGER
30	-	-	FLUSH BOLT GUIDE	ST. STEEL	-
31	1061	1/ LEAF	PUSH BAR AT 42-1/2" FROM BOTTOM	6063-T5	ALUMINUM SHAPES INC.
32	A-R800	1/ LEAF	PULL HANDLE AT 42 1/2" FROM BOTTOM	6063-T6	ARCH ALUM
33	-	AS REQD.	7/8" X 1-1/8" ANCHOR CLIPS	ST. STEEL	AT SCREWS LOCATIONS
34	-	AS REQD.	#10 X 1-3/4" FLAT HEAD SCREWS	-	AT 3" FROM CORNERS & 24" O.C.
35	-	-	#10 X 3/4" FLAT HEAD THREAD CUTTING SCREWS	-	AT 12" O.C.
36	S-19	AS REQD.	#10 X 1/2" PAN HEAD THREAD CUTTING SCREWS	-	AT 12" O.C. TYP. SPACING (HEAD)
37	S-12	AS REQD.	#10 X 1/2" PAN HEAD THREAD CUTTING SCREWS	-	AT 24" O.C. TYP. SPACING (JAMBS)
38	-	AS REQD.	#10 X 1/2" FLAT HEAD THREAD CUTTING SCREWS	-	AT 3" FROM CORNERS & 12" O.C.

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

DEC 11 2001

APPROVED FOR CONSTRUCTION BY  
DR. HUMAYOON FAROOQ  
DATE: JAN 3, 2002  
PRODUCT CONTROL DIVISION  
ENGINEERING COMPLIANCE OFFICE  
ACCOUNT NO. 01-1102-01

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

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10200 N.W. 67th street  
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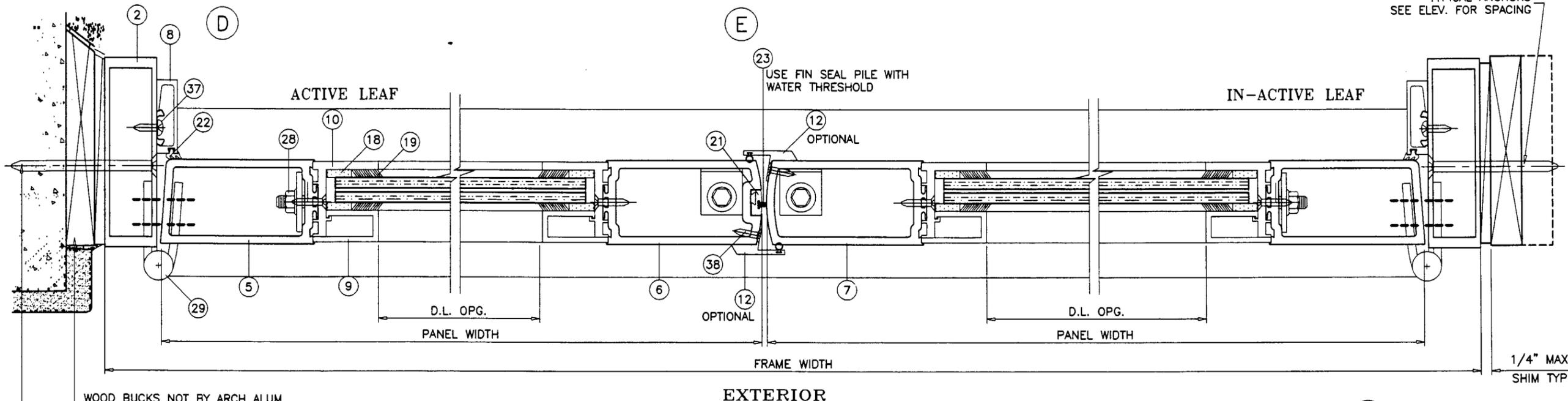
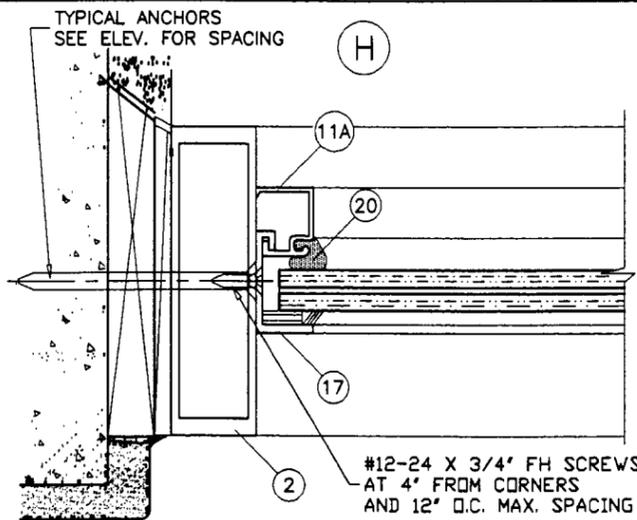
no	date	description

date: 06-22-01  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W01-40**  
sheet 5 of 6

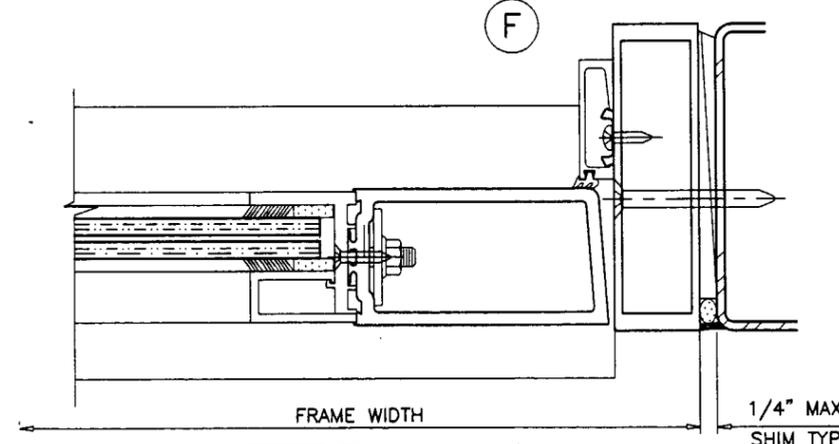
ALF

COMP-ANL\W01-40AA



WOOD BUCKS NOT BY ARCH ALUM  
MUST SUSTAIN IMPOSED LOADS

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING



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

DEC 11 2001

JAN 31 2002

01-1102.01

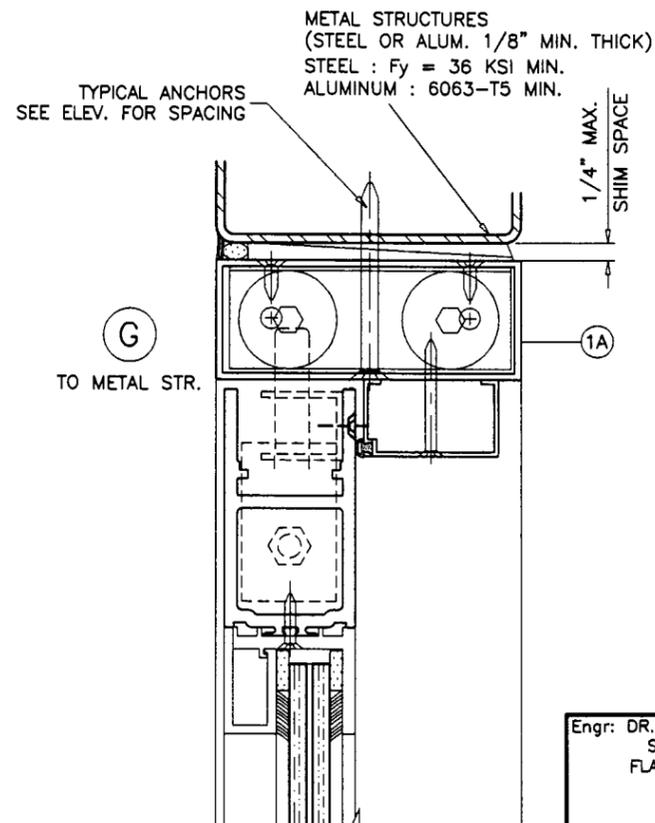
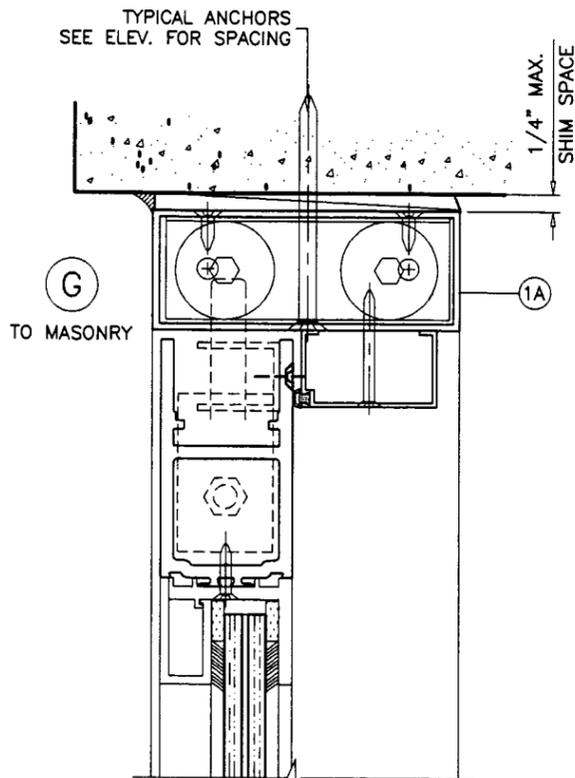
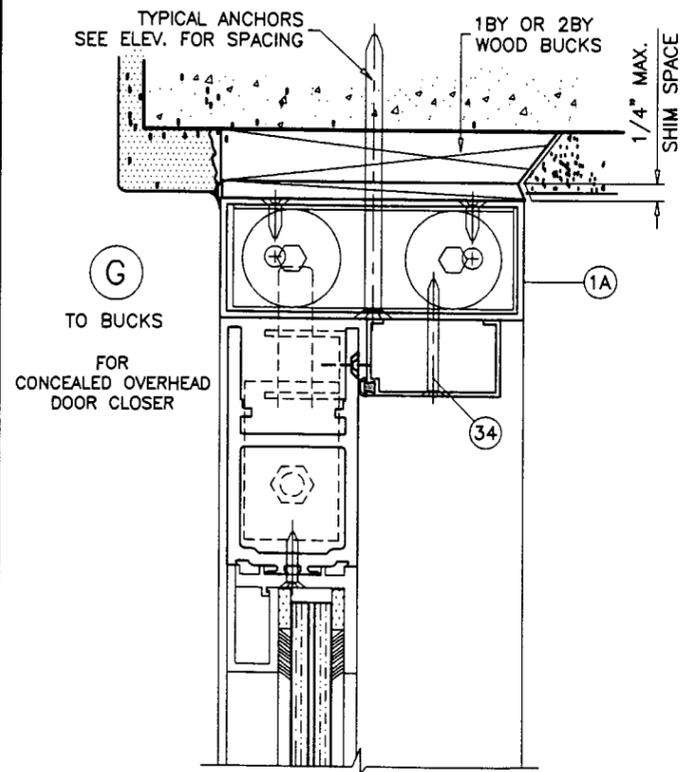
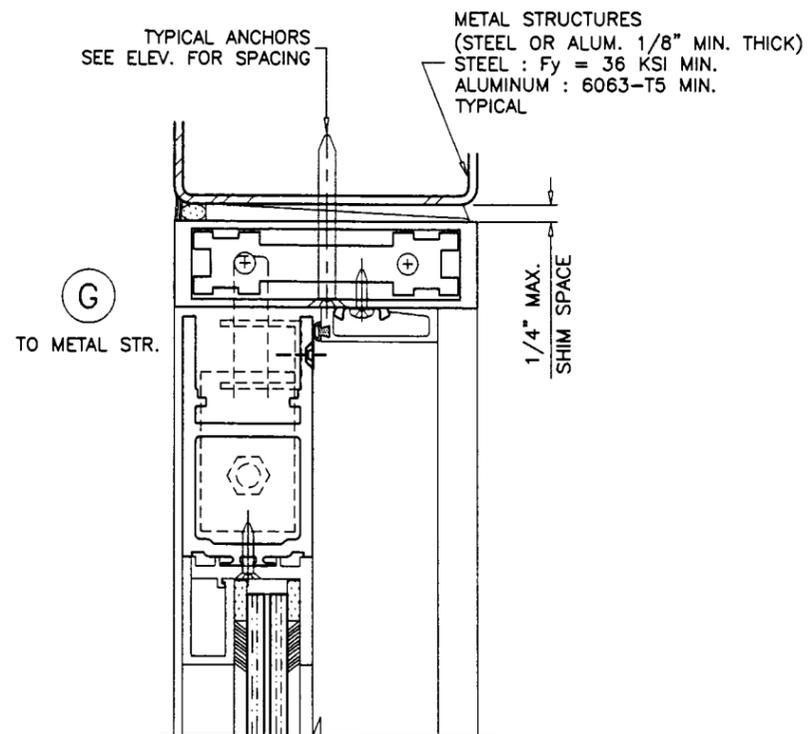
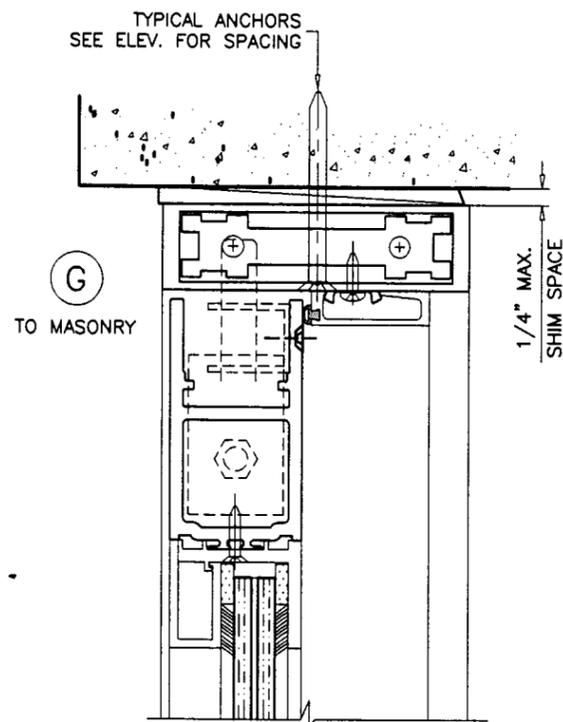
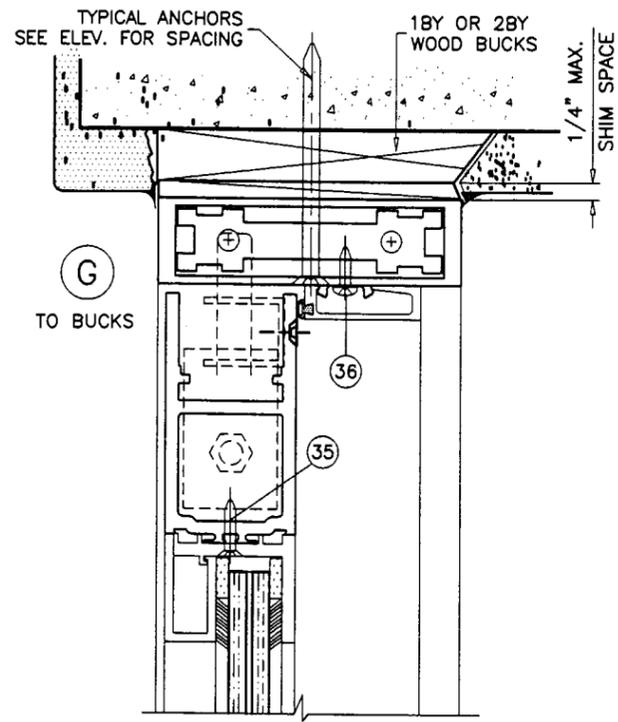
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W01-40AA

MAGNUM STILE IMPACT ALUM ENTRANCE DOOR  
**ARCH ALUMINUM & GLASS L.C.**  
10200 N.W. 67th street  
TAMARAC, FL. 33321  
TEL. (800) 432-8132 FAX. (954) 724-9293

revisions:	no	date	by	description

date: 06-22-01	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
drawing no. <b>W01-40</b>			
sheet 4 of 6			



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

DEC 11 2001

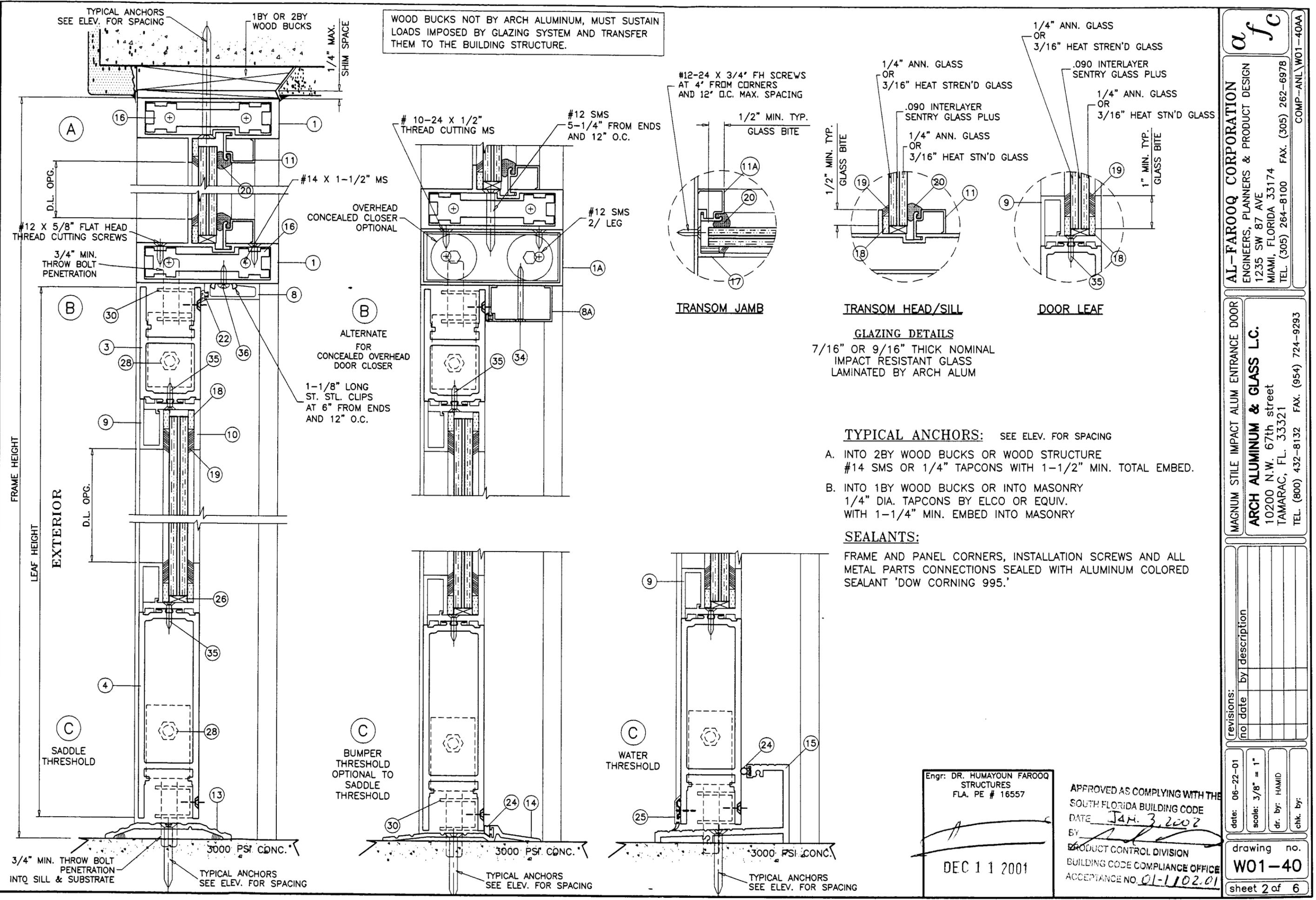
APPROVED BY: DR. HUMAYOON FAROOQ  
DATE: JAN 3 2002  
01-1102-01

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revisions:	
no	date by description

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scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:  
drawing no. **W01-40**  
sheet 3 of 6



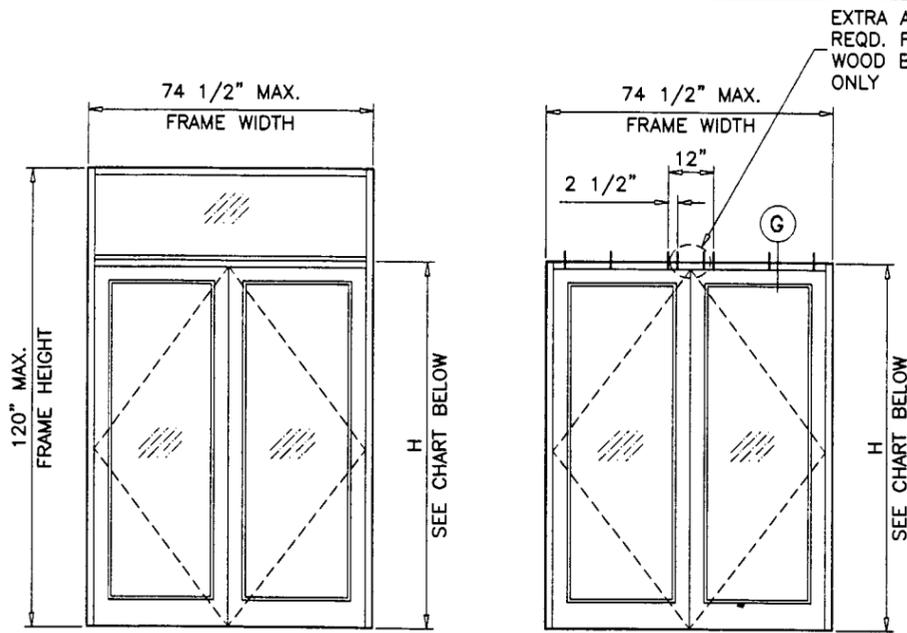
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revisions:	no	date	by	description
date:	06-22-01	scale:	3/8" = 1"	
dr. by:	HAMID	chk. by:		
drawing no.	W01-40			
sheet	2 of 6			

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 DEC 11 2001

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE JAN. 3, 2002  
 BY  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. 01-1102.01

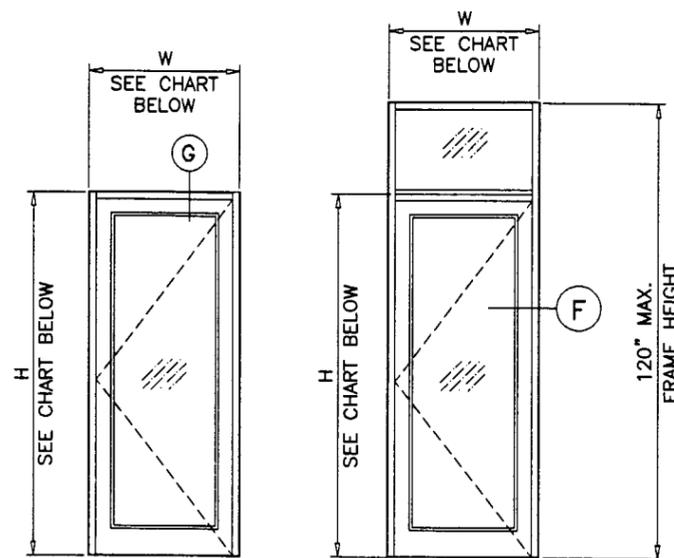


( O/XX )

( XX )

MAXIMUM DESIGN LOAD RATING = + 100.0 PSF  
(FOR SIZES SHOWN ABOVE OR SMALLER) - 100.0 PSF

OVERALL DOOR HEIGHTS	7/0 DOOR HT.	8/0 DOOR HT.
WITH CONCEALED CLOSERS	85-3/4"	97-3/4"
WITH STANDARD CLOSERS	85-1/4"	97-1/4"



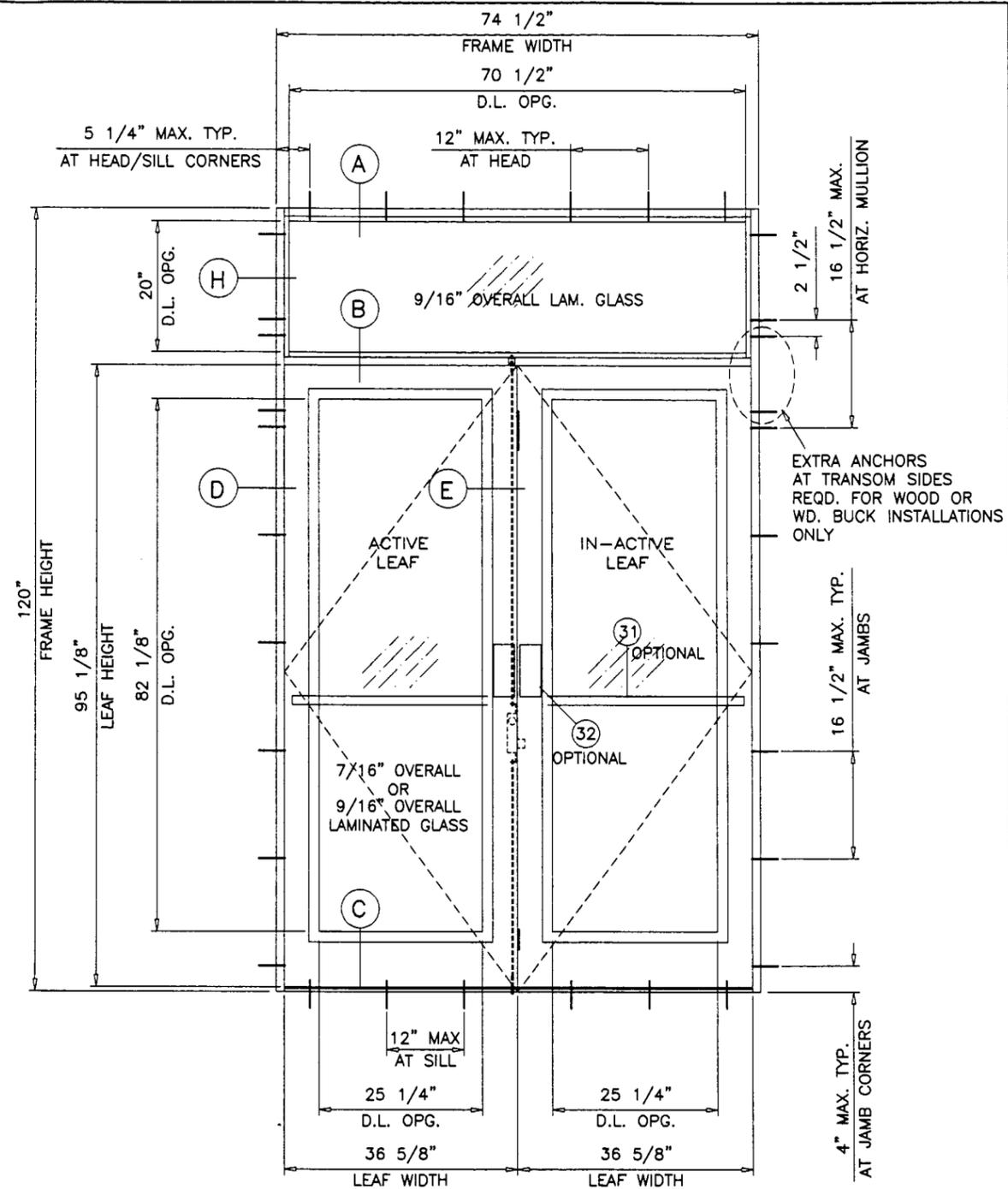
( X )

( O/X )

MAX. DESIGN LOADS - PSF (X- SIZES)			
W	H	EXT.(+)	INT.(-)
38-1/2"	7/0	100.0	100.0
44-1/2"		95.5	95.5
38-1/2"	8/0	100.0	100.0
44-1/2"		83.7	83.7

APPROVED CONFIGURATIONS

EXTRA ANCHORS  
REQD. FOR WOOD OR  
WOOD BUCK INSTALLATIONS  
ONLY



TYPICAL ELEVATION  
( O/XX )  
TESTED UNIT

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

USE SADDLE OR BUMPER THRESHOLD WHEN WATER  
INFILTRATION REQUIREMENTS ARE NOT APPLICABLE.

USE WATER THRESHOLD AND ASTRAGAL WHEN WATER  
INFILTRATION REQUIREMENTS MUST BE MET.

NOTES:

1. THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED.

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

DEC 11 2001

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE JAN. 3, 2002  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1102.01

afc

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no	date	description
A	10.20.01	GENERAL REVISION
B	11.28.01	REV. PER BCCO COMMENTS
C	12.11.01	SINGLE DOOR ELEV. REV.

revisions:  
no date by description  
A 10.20.01 GENERAL REVISION  
B 11.28.01 REV. PER BCCO COMMENTS  
C 12.11.01 SINGLE DOOR ELEV. REV.

date: 06-22-01  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
W01-40  
sheet 1 of 6

COMP-ANL\W01-40AA