



**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)

www.buildingcodeonline.com

**Arch Aluminum & Glass Co., Inc.
10200 NW 67th St.
Tamarac, FL 33321**

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: Magnum Series Outswing Aluminum Storefront Door – L.M.I.

APPROVAL DOCUMENT: Drawing No.06-002R1, titled “Aluminum Impact Door Line Magnum Series Outswing Doors”, sheets 1 through 9 of 9, dated 01/01/06, prepared by EngCo Inc., signed and sealed by Pedro De Figueiredo, P.E., bearing the Miami-Dade County Product Control Revision 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 Resistant

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 revises NOA # 01-1102.01 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 06-0705.05
Expiration Date: January 03, 2007
Approval Date: October 5, 2006
Page 1**

Arch Aluminum & Glass Company, Inc.

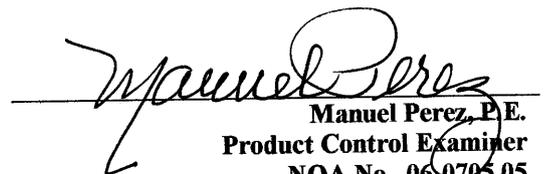
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **06-002R1**, Sheets 1 through 9 of 9, titled "Aluminum Impact Door Line – Magnum Series Outswing Doors", dated 01/01/06, prepared by EngCo, Inc., signed and sealed by Pedro de Figueiredo, 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, TAS 202-94
along with marked-up drawings and installation diagram of a magnum series aluminum out swinging entrance door with transom lite (O/X), prepared by Fenestration Testing Laboratory, Inc. Report No. **FTL-3151**, dated August 13, 2001, signed and sealed by Luis Antonio Figueredo, P.E.
2. 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, TAS 202-94
along with marked-up drawings and installation diagram of a magnum series aluminum out swinging entrance door (XX), prepared by Fenestration Testing Laboratory, Inc. Report No. **FTL-3152**, dated July 18, 2001, signed and sealed by Luis Antonio Figueredo, P.E.
3. 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, TAS 202-94
along with marked-up drawings and installation diagram of a magnum series aluminum out swinging entrance door with transom lite (O/XX), prepared by Fenestration Testing Laboratory, Inc. Report No. **FTL-2764**, dated September 20, 2000, signed and sealed by Aldo P. Gonzalez, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 06-0705.05
Expiration Date: January 03, 2007
Approval Date: October 5, 2006

Arch Aluminum & Glass Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a magnum series
aluminum out swinging entrance door with transom lite (O/XX), prepared by
Fenestration Testing Laboratory, Inc. Report No. **FTL-2607**, dated September 20,
2000, signed and sealed by Aldo P. Gonzalez, P.E.

CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by
EngCo, Inc., dated 06/19/06, signed and sealed by Pedro de Figueiredo, P.E.
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "**Sentry
Glass Plus**" dated 01/14/99, expiring on 01/14/02.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated June 20, 2006, signed
and sealed by Pedro De Figueiredo, P.E.

G. OTHER

1. Notice of Acceptance No. **01-1102.01**, issued to Arch Aluminum & Glass Company
for their Magnum Stile Aluminum Entrance Door Impact, approved on 01/03/02 and
expiring on 01/03/07.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 06-0705.05
Expiration Date: January 03, 2007
Approval Date: October 5, 2006

APPROVED CONFIGURATIONS

GENERAL NOTES:

1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 EDITION - (INCLUDING THE HIGH VELOCITY HURRICANE ZONE)

2- DEFINITION: THIS PRODUCT IS AN ALUMINUM OUTSWING DOOR WITH LARGE MISSILE IMPACT RESISTANT LAMINATED GLASS.

3- POSTING:
 *ALUMINUM IMPACT DOOR LINE-MAGNUM SERIES
 ARCH ALUMINUM & GLASS CO., INC.
 TAMARAC - BROWARD COUNTY - FL
 DADE COUNTY PRODUCT CONTROL APPROVED*

4- DESIGN LOADS: LOADS MUST BE CALCULATED BASED ON ASCE 7, BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT.

5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 OR AS INDICATED AND GLAZING TO BE LAMINATED IMPACT RESISTANT GLASS AS SPECIFIED ON THIS APPROVAL.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

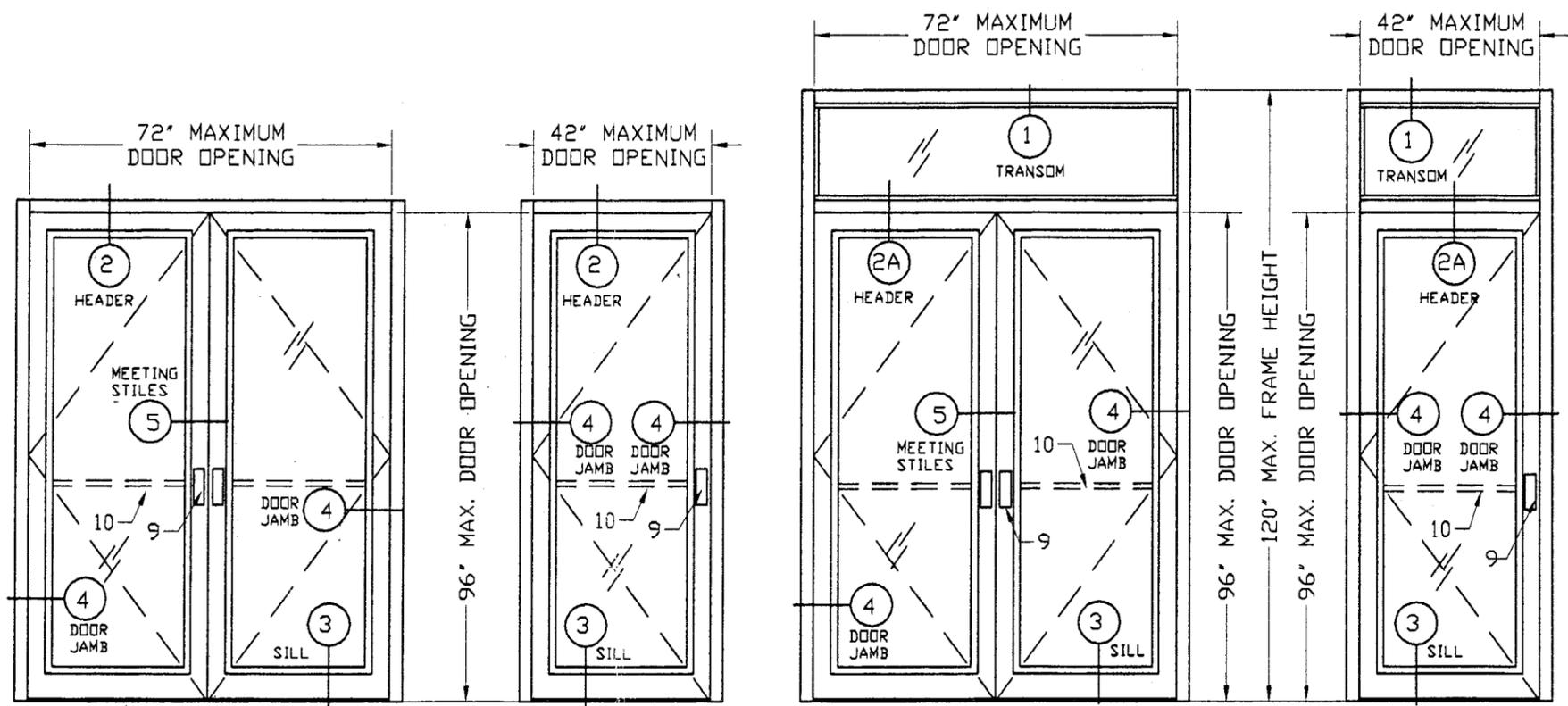
7.1- THE STABILITY OF THE STRUCTURE WHERE THE UNIT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.

7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD ANCHORS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.

9- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL/ METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FBC SECTION 2003. 8. 4.



XX OR X
PAIR OR SINGLE DOOR

□/XX OR □/X
PAIR OR SINGLE DOOR WITH TRANSOM

USER INSTRUCTIONS:

1- DETERMINE PROJECT DESIGN WIND LOAD PRESSURES (Pd) AS PER ITEM 4 OF GENERAL NOTES, SHEET 1.

2- VERIFY IF MAXIMUM DOOR OPENINGS DO NOT EXCEED THE LIMITS ON THESE DRAWINGS.

3- VERIFY IF MAXIMUM DESIGNED WIND LOAD PRESSURES (Pd) FOR THE PROJECT DOES NOT EXCEED THE MAXIMUM ALLOWABLE PRESSURE Pda= 100 PSF

4- INCORPORATE A VALID NOTICE OF ACCEPTANCE FOR THE FRAMING WHEN DOORS ARE TO BE PART OF A STOREFRONT OR CURTAIN WALL ELEVATION.

MAXIMUM ALLOWABLE
PRESSURE
Pda = ±100 PSF

NOTE: SEE USER INSTRUCTIONS

MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
 10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305

SEP 07 2006

Pedro De Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
 Scale: NA
 Design by: PPMF

PRODUCT CONTROL DIVISION:
 PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 06-0705.05
 Expiration Date JAN 3, 2007
 By *Manuel Perez*
 Miami Dade Product Control Division

Drawing Number
 06-002R1

Sheet
 1 of 9

TABLE 1 - ALLOWABLE DESIGNED PRESSURES FOR DOOR GLAZING TYPES:

ITEM#	DESCRIPTION	Pd - ALLOWABLE PRESSURE (PSF)
G1	9/16" LAMINATED W/ (2) 1/4" HS GLASS LITES WITH 0.09 SENTRY GLASS PLUS INTERLAYER	±100
G2	9/16" LAMINATED W/ (2) 1/4" ANNEAL GLASS LITES WITH 0.09 SENTRY GLASS PLUS INTERLAYER	±100

TABLE 2- ALLOWABLE DESIGNED PRESSURES FOR HARDWARE CONFIGURATIONS:

	ITEM#	LOCATION	DESCRIPTION	SUPPLIER REMARKS	Pd - ALLOWABLE PRESSURE (PSF)
HINGES PIVOTS	H1	HINGE STILES	ALUMINUM ROTON HINGE	HAGER	± 100
	H2		4 1/2" STEEL BUTT HINGES	REGENT	
	H3		4 1/2" BRASS BUTT HINGES	HAGER	
LOCKS	L1	ACTIVE STILE	3 POINT LOCK KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR	ADAMS RITE	± 100
	L2	INACTIVE STILE	2 POINT LOCK OPERATED ON INTERIOR WITH THUMB TURN		

LOCK OPTIONS & NOTES:

A- (X) SINGLE LEAF DOORS:
SINGLE LEAF DOORS FITTED WITH 3 POINT LOCK (L1 OPTION)

B- (XX) DOUBLE LEAF DOORS:

B1- ACTIVE DOOR:
ACTIVE LEAF DOOR FITTED WITH 3 POINT LOCK (L1 OPTION)

B2- INACTIVE DOOR:
INACTIVE LEAF DOOR FITTED WITH 2 POINT LOCK (L2 OPTION)

NOTES:

1- THREE POINT LOCK SYSTEM WITH 8 PLY HOOK LOCK BOLT BY ADAMS RITE #4015 & 4016, KEY OPERATED ON EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT 34" FROM BOTTOM OF PANEL.

2- TWO POINT LOCK SYSTEM ADAMS RITE#1880 WITH THUMB TURN ON THE INTERIOR, LOCATED AT 34" FROM BOTTOM OF PANEL.

TABLE 3- ALLOWABLE DESIGNED PRESSURES BASED ON DOOR OPENING AND WATER INFILTRATION

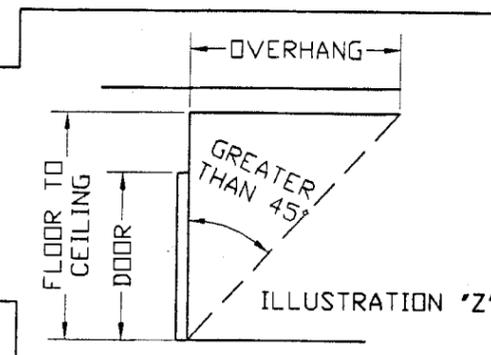
DOOR OPENING	72x96	42x96	36x96
PRESSURE	±100	±100	±100

CASE 1: WHERE WATER INFILTRATION IS NOT ACCEPTABLE

- 1- ALLOWABLE DESIGN PRESSURE IS VALID ONLY FOR UNITS INSTALLED WITH SECTIONS 3 AND 5 ON SHEET 8
- 2- DOOR SECTION 3 AND 5 ON SHEETS 6 AND 7 ARE NOT ACCEPTABLE FOR USE WITH THIS APPLICATION.

CASE 2: WHERE WATER INFILTRATION IS ACCEPTABLE

- 1- ALLOWABLE DESIGN PRESSURE 1 IS VALID ONLY FOR UNITS INSTALLED AT LOCATIONS PROTECTED BY A OVERHANG MEETING CRITERIA AS PER ILLUSTRATION 'Z' OR IN NON-HABITABLE AREAS WHERE WATER INFILTRATION IS ACCEPTABLE.
- 2- DOOR SECTIONS 3 AND 5 AS ILLUSTRATED IN SHEETS 6 AND 7 ARE ACCEPTABLE FOR USE WITH THIS APPLICATION.



BILL OF MATERIALS

MISCELLANEOUS DOOR COMPONENTS:

ITEM#	PART #	DESCRIPTION	MATERIAL	SUPPLIER/REMARKS
1	V2104	TAPE 1/2x1/8	-	NORTON
2	995	GLAZING SEALANT	SILICONE	DOW CORNING
3	H-65	BULB GASKET	PVC	UNIVERSAL RUBBER
4	H-63	WEDGE-IN GASKET	NEOPRENE	UNIVERSAL RUBBER
5	V2100	TAPE 3/8x1/4	-	NORTON
6	H-62C	SETTING BLOCK	NEOPRENE	UNIVERSAL RUBBER
7	S-PILE	PILE W/ STRIPPING	-	SCHLEGEL
8	-	BULB W/ STRIPPING	VINYL	PEMKO
9	AR800	PULL HANDLE @ 42 1/2"	6063-T6	ARCH ALUMINUM
10	1061	PUSH BAR @ 42 1/2"	6063-T5	ARCH ALUMINUM
11	TR36	3/8" THREADED ROD W/ NUT	-	ARCH ALUMINUM
12	347A	TOP RAIL RAIN CAP	6063-T5	PEMKO
13	68AR	TOP RAIL RAIN CAP	6063-T5	PEMKO
14	725047	BOTTOM SWEEP W/ BLADE	6063-T5	PEMKO
15	H-15	4.5X5 BUTT HINGE	BRASS	HAGER
16	355AV	ASTRAGAL	6063-T5	PEMKO
17	780-054	ROTON HINGE	ALUMINUM	PEMKO
18	26383	WEATHERING CHANNEL	6063-T5	ARCH ALUMINUM
19	H74T	THRESHOLD GASKET	NEOPRENE	UNIVERSAL RUBBER

NOTE: ITEMS #9 AND #10 ARE OPTIONAL.

FRAMING & DOOR PARTS (MANUFACTURED BY ARCH ALUMINUM)

ITEM#	PART #	DESCRIPTION	MATERIAL
F1	3001	DOOR HEADER/TRANSOM	6063-T6
F2	3000	DOOR HEADER/JAMB	6063-T6
F3	1012	ALTERNATE DOOR HEADER	6063-T6
F4	3004	SHEAR BLOCK	6063-T6
F5	3003	GLASS STOP	6063-T6
F6	3008	TRANSOM GLASS STOP	6063-T6
F7	3009	TRANSOM GLASS STOP	6063-T6
D1	44022	ACTIVE STILE	6063-T5
D2	44021	INACTIVE STILE	6063-T5
D3	44020	HINGE STILE	6063-T5
D4	44024	6 1/2" BOTTOM RAIL	6063-T5
D5	44023	3 1/2" TOP RAIL	6063-T5
D6	1040	4"X1/2" SADDLE THRESHOLD	6063-T5
D7	1042	4"X1/2" BUMPER THRESHOLD	6063-T5
D7A	BTHF2	4" WATER THRESHOLD	6063-T6
D8	1046A	STD DOOR STOP	6063-T5
DBA	AGA95	HEADER DOOR STOP	6063-T5
D8B	H67	DOOR STOP CLIP	SS 301/302
D9	44048	EXTERIOR GLASS STOP	6063-T5
D9A	44047	INTERIOR GLASS STOP	6063-T5
D10		FLUSH BOLT GUIDE	SS

MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
10200 NW 67TH STREET
TAMARAC - FL - 33321
TEL: (800) 432-8132
FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
MAGNUM SERIES
OUTSWING DOORS

Engineering:
EngCo Inc.

CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
Tel.: (954) 585-0304
Fax: (954) 585-0305



SEP 07 2006

Pedro De Figueiredo, PE
PE# 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
Scale: NA
Design by: PPMF

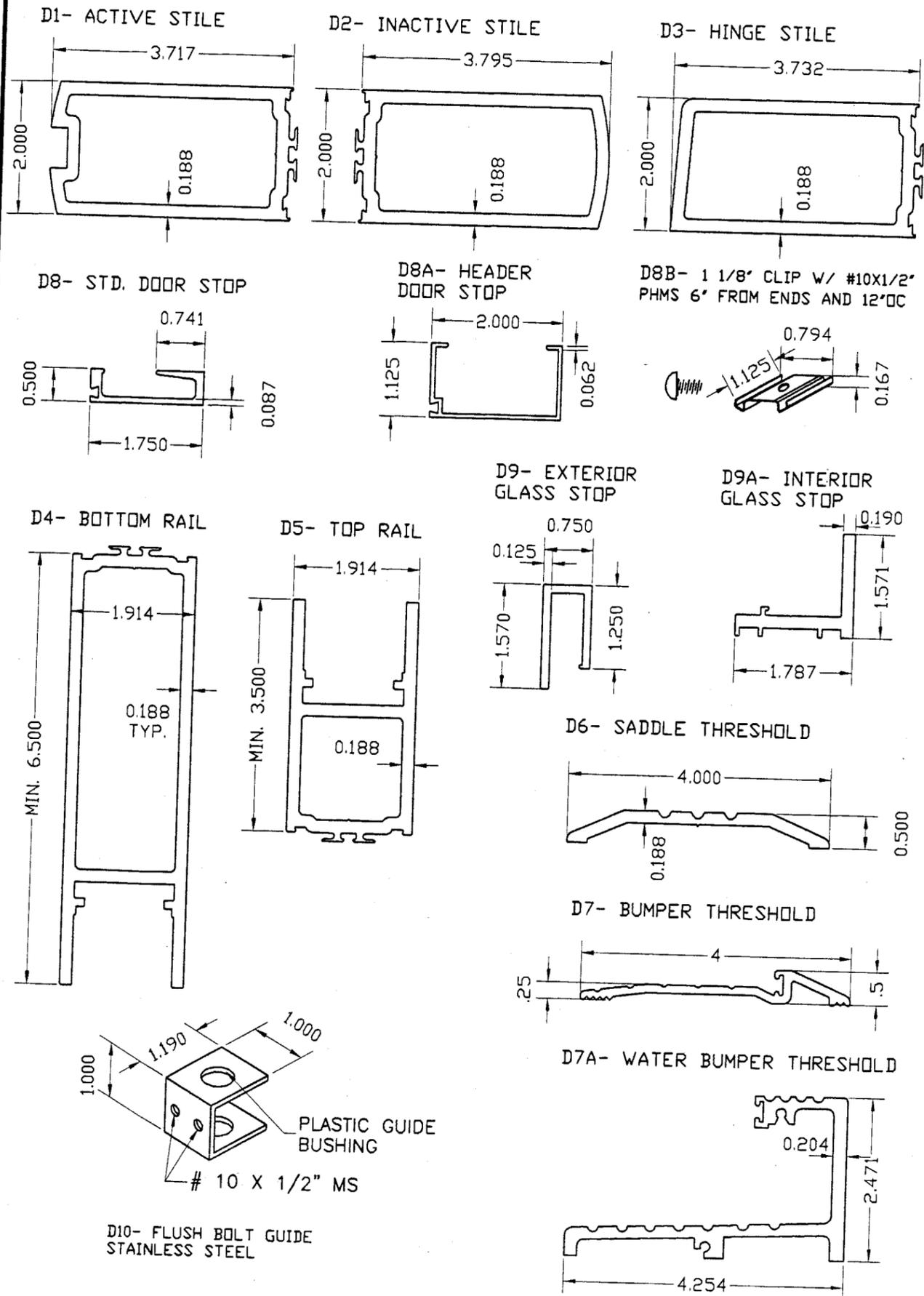
PRODUCT CONTROL DIVISION:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0705.05
Expiration Date JAN 3, 2007
By: *Marcos Perez*
Miami Code Product Control
MPC

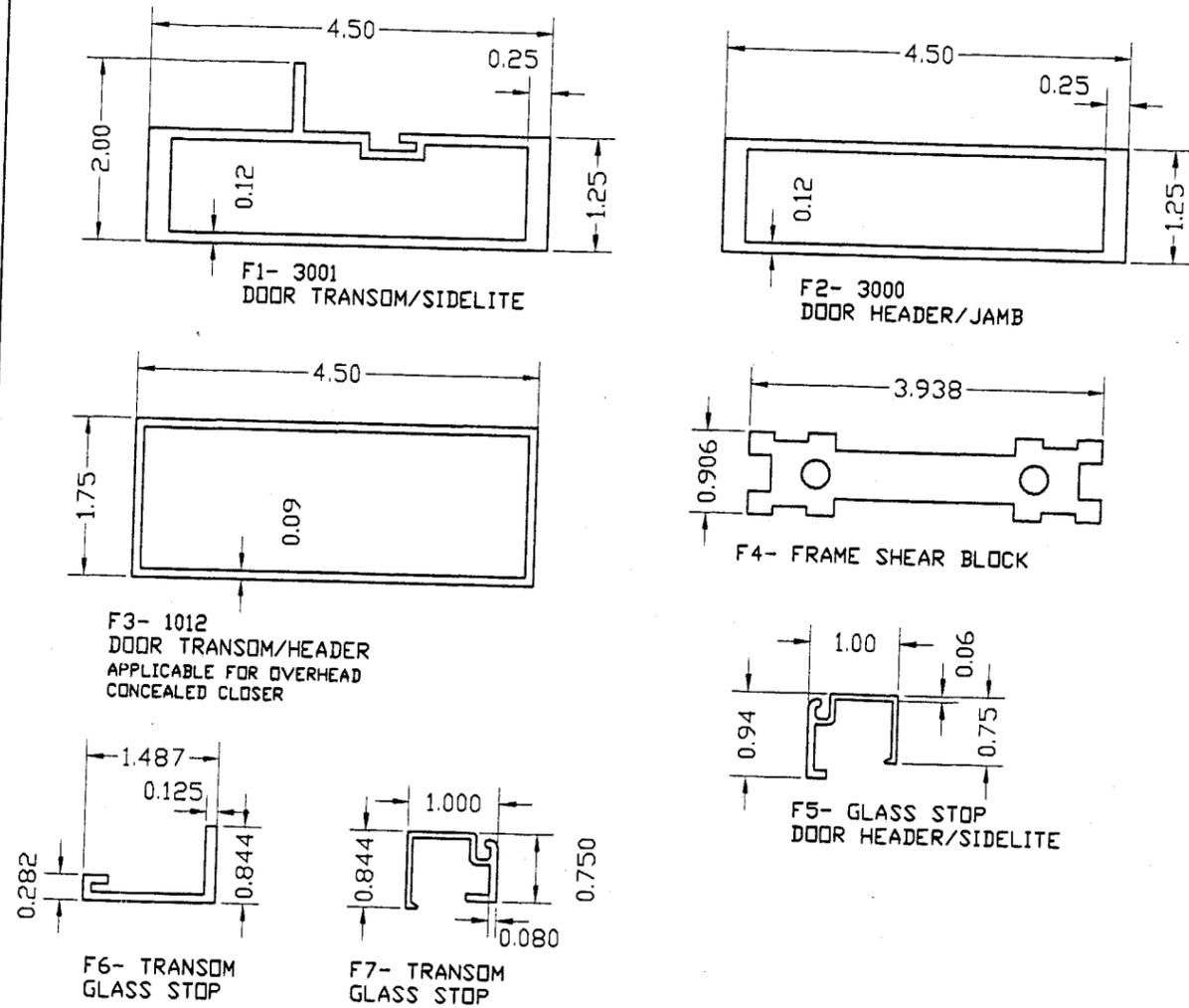
Drawing Number
06-002R1

Sheet
2 of 9

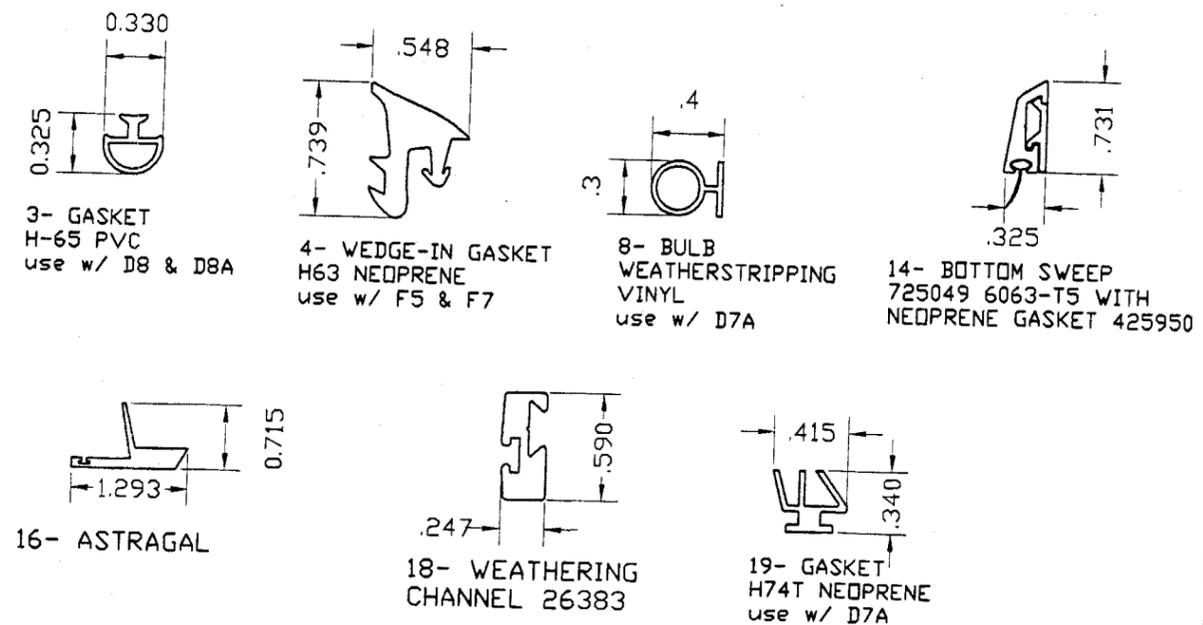
DOOR COMPONENTS



FRAMING COMPONENTS



WEATHERING COMPONENTS



MANUFACTURER:
Arch Aluminum & Glass Co. Inc.

10200 NW 67TH STREET
TAMARAC - FL - 33321
TEL: (800) 432-8132
FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line

MAGNUM SERIES
OUTSWING DOORS

Engineering:
EngCo Inc.

CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
Tel.: (954) 585-0304
Fax: (954) 585-0305

SEP 07 2006

Pedro De Figueiredo, PE
PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
Scale: NA
Design by: PPMF

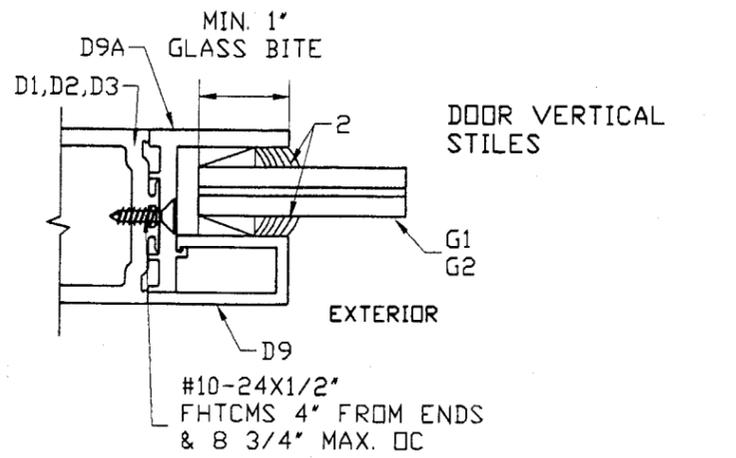
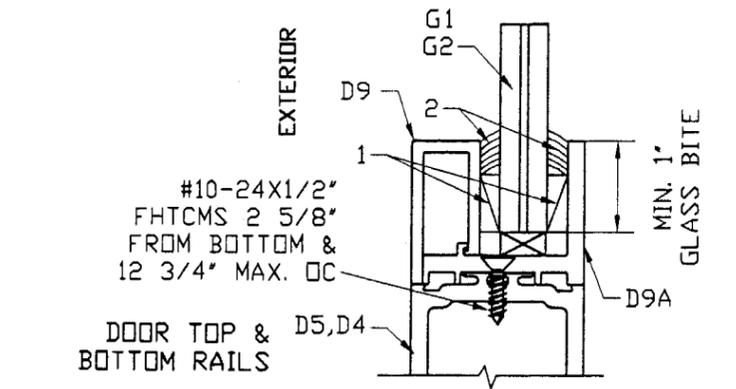
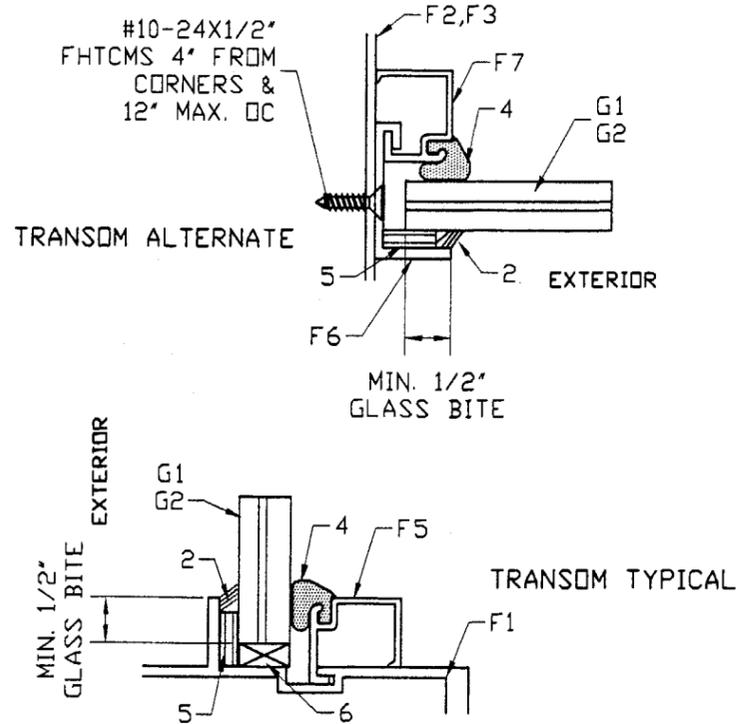
PRODUCT CONTROL DIVISION:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **06-0705.05**
Expiration Date **JAN. 3, 2007**
By *Manuel Jerez*
Manual Jerez Product Control
Division

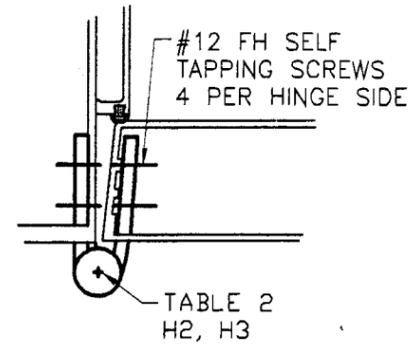
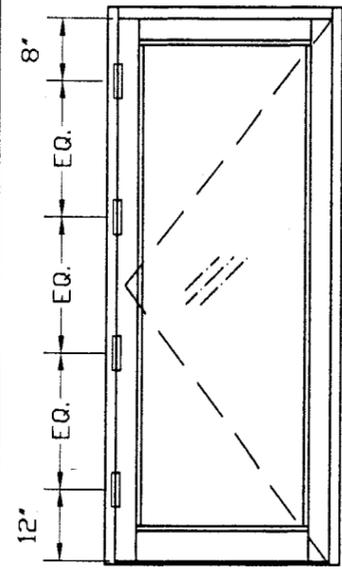
Drawing Number
06-002R1

Sheet
3 of 9

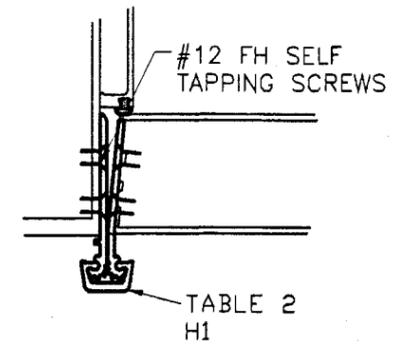
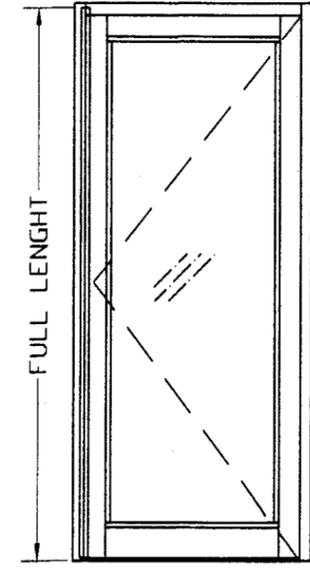
GLAZING DETAILS



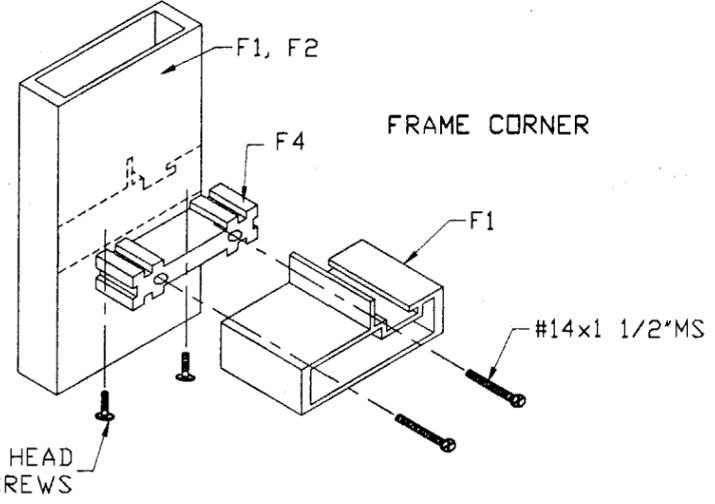
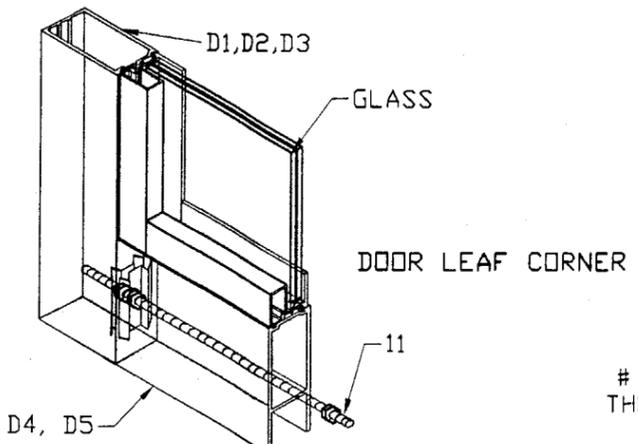
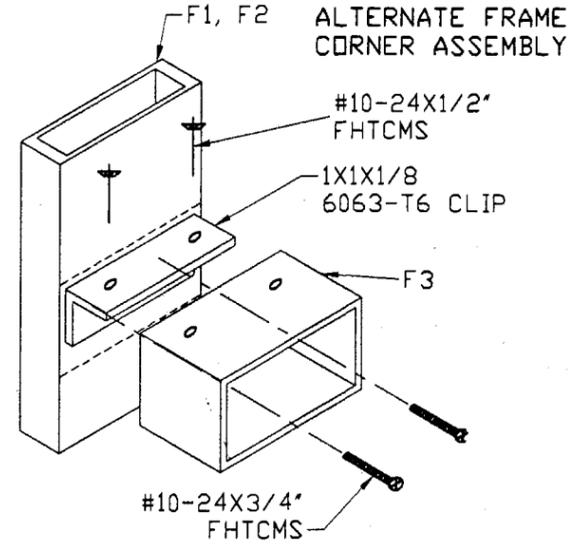
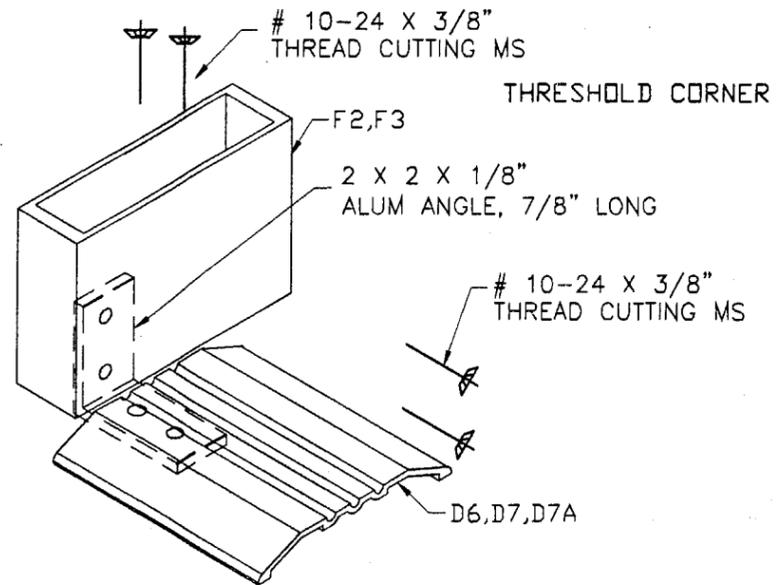
HINGE OPTIONS



FOUR HINGES LOCATED 8" FROM CL TO TOP OF DOOR 12" FROM CL TO BOTTOM OF DOOR AND EQUALLY SPACED IN BETWEEN



CONTINUOUS ALUMINUM ROTON HINGE FASTENED TO FRAME AND DOOR STILE WITH: (27) TOTAL SCREWS ON 8' DOORS (25) TOTAL SCREWS ON 7' DOORS



MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
10200 NW 67TH STREET
TAMARAC - FL - 33321
TEL: (800) 432-8132
FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
MAGNUM SERIES
OUTSWING DOORS

Engineering:
EngCo Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
Tel.: (954) 585-0304
Fax: (954) 585-0305

SEP 07 2006

Pedro De Figueiredo, PE
PE 52609

DRAFTING:
PK DRAFTING & MORE

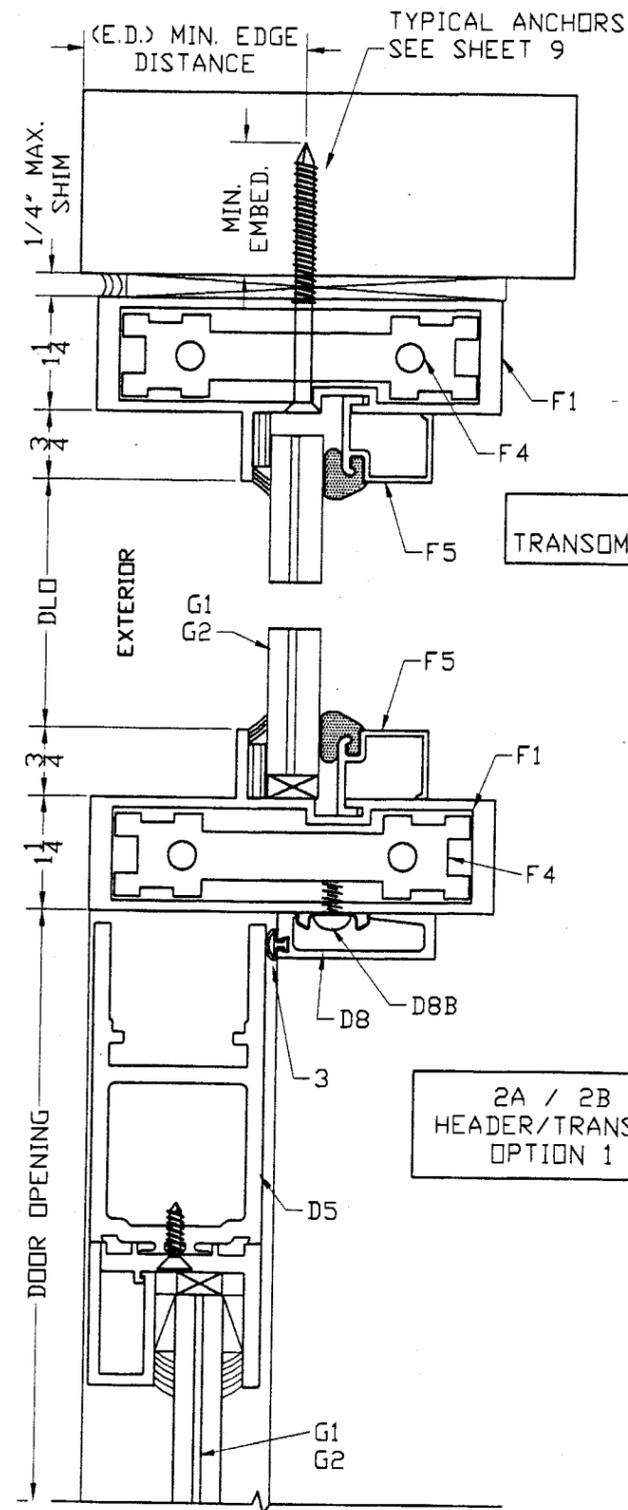
Date: 01/01/06
Scale: NA
Design by: PPMF

PRODUCT CONTROL DIVISION:
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 06-0705.05
Expiration Date JAN. 3, 2007
By: *Maurice Perez*
Miami Code Product Control Division

Drawing Number
06-002R1

Sheet
4 of 9

TRANSOM DETAILS W/ 3000 FRAMING

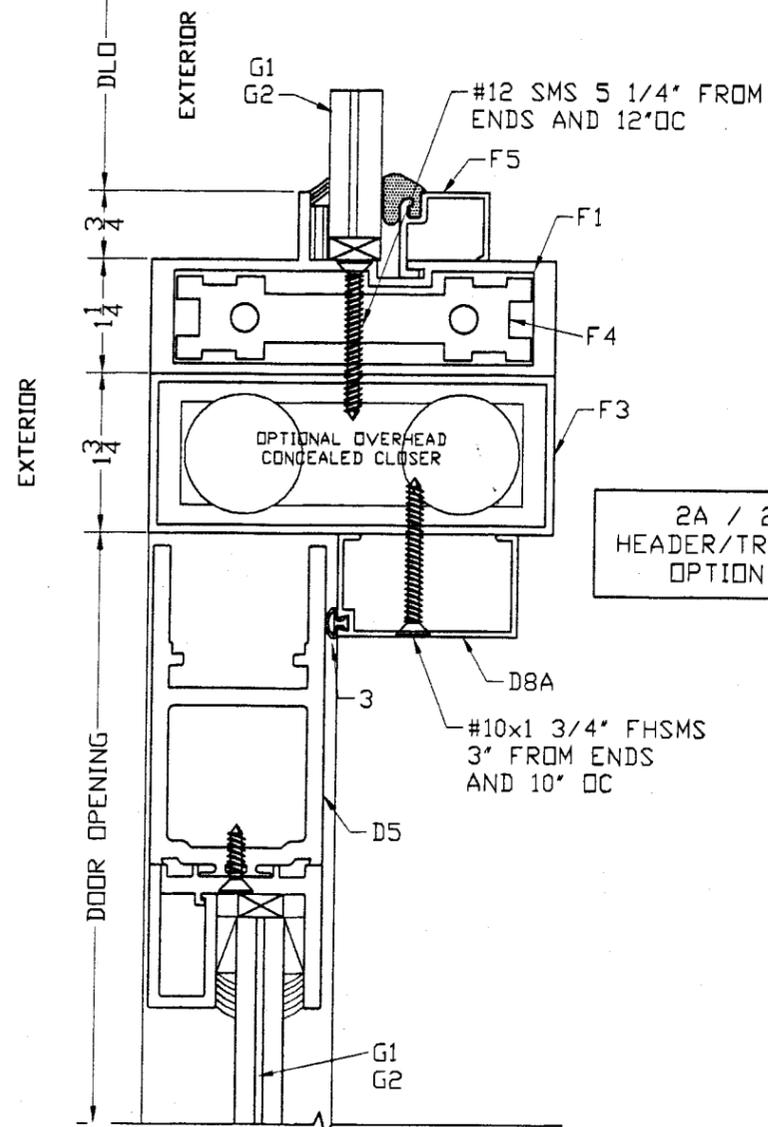
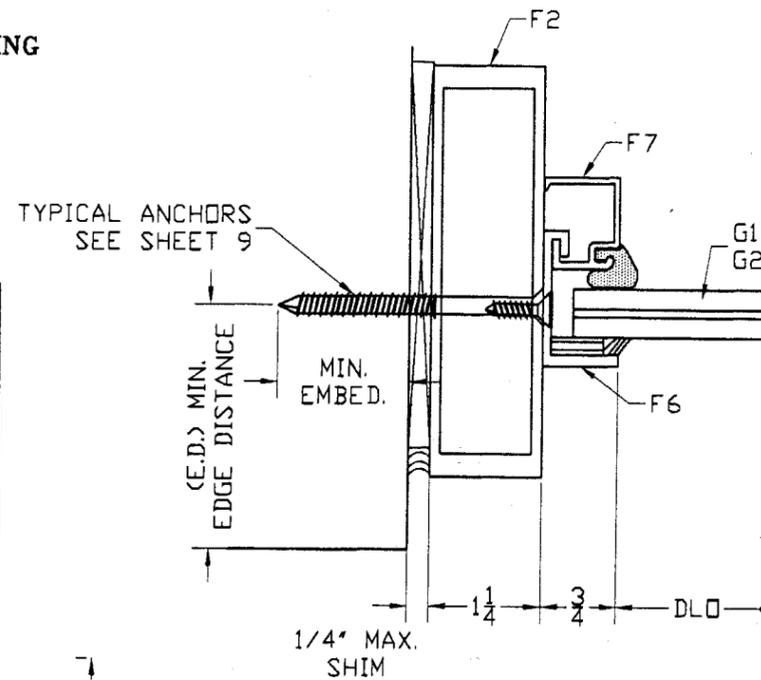


TYPICAL ANCHORS	
A-	1/4" TAPCONS W/ 1 1/4" EMBED. INTO MASONRY/CONCRETE
B-	#14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" EMBED. INTO WOOD (SG=55)
C-	1/4"-14 SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. 6063-T5 ALUMINUM OR ASTM A36 STEEL)

E.D.= 1" FOR WOOD
 E.D.= 3" FOR CONCRETE
 E.D.= 3/4" FOR METAL

2A / 2B
 HEADER/TRANSOM
 OPTION 1

NOTES:
 1- D8 DOOR STOP ANCHORED TO STEEL CLIPS
 D8B SPACED 6" FROM ENDS AND 12" OC.
 2- STEEL CLIPS D8B ARE ANCHORED TO HEADER
 WITH ONE #10-24X1/2 PHMS



MANUFACTURER:
**Arch Aluminum
 & Glass Co. Inc.**

10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
**Aluminum
 Impact Door
 Line**
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.

CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL. 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305



SEP 07 2006

Pedro De Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

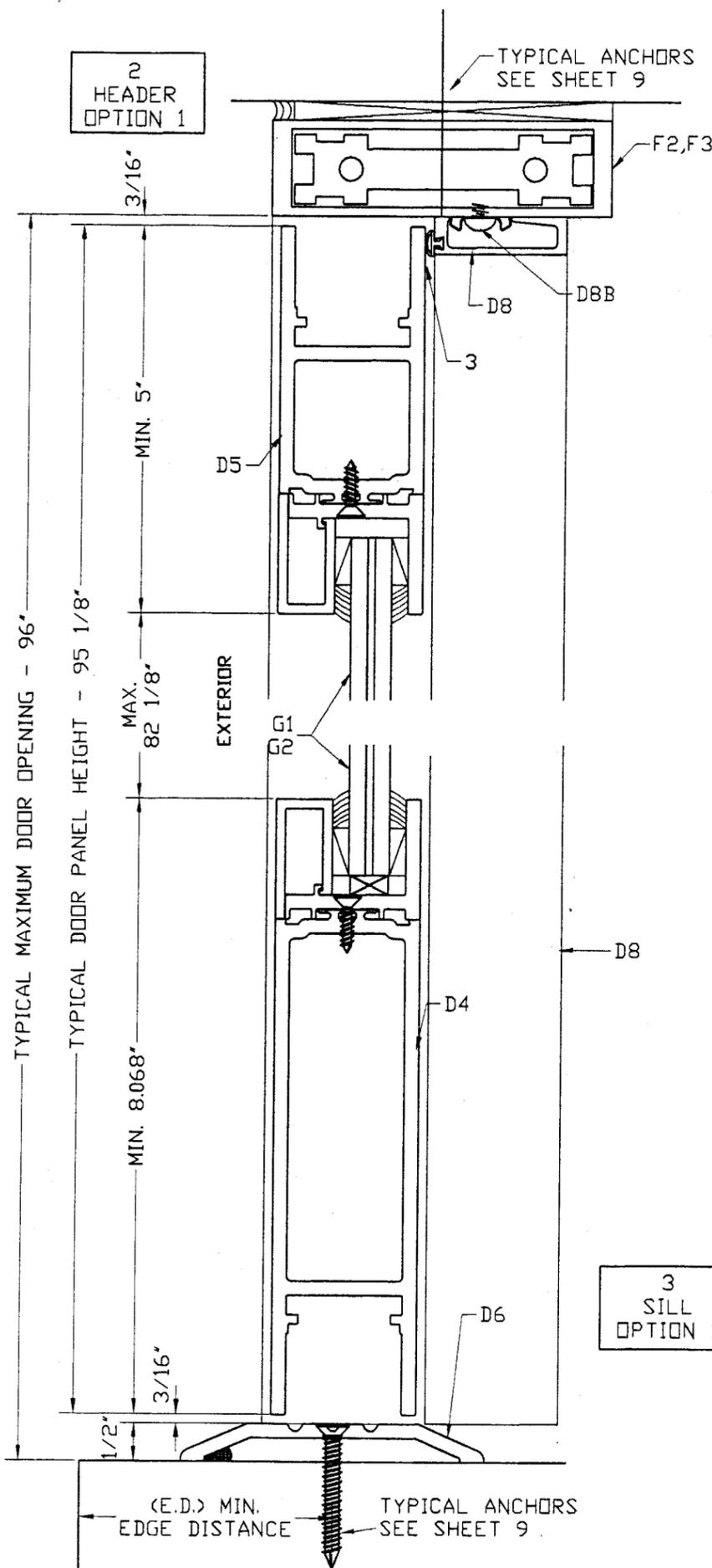
Date: 01/01/06
 Scale: NA
 Design by: PPMF

PRODUCT CONTROL DIVISION:
 PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **06-0705.05**
 Expiration Date **JAN 3, 2007**
 By: *Mauricio Perez*
 Product Control
 Division

Drawing Number
06-002R1

Sheet
 5 of 9

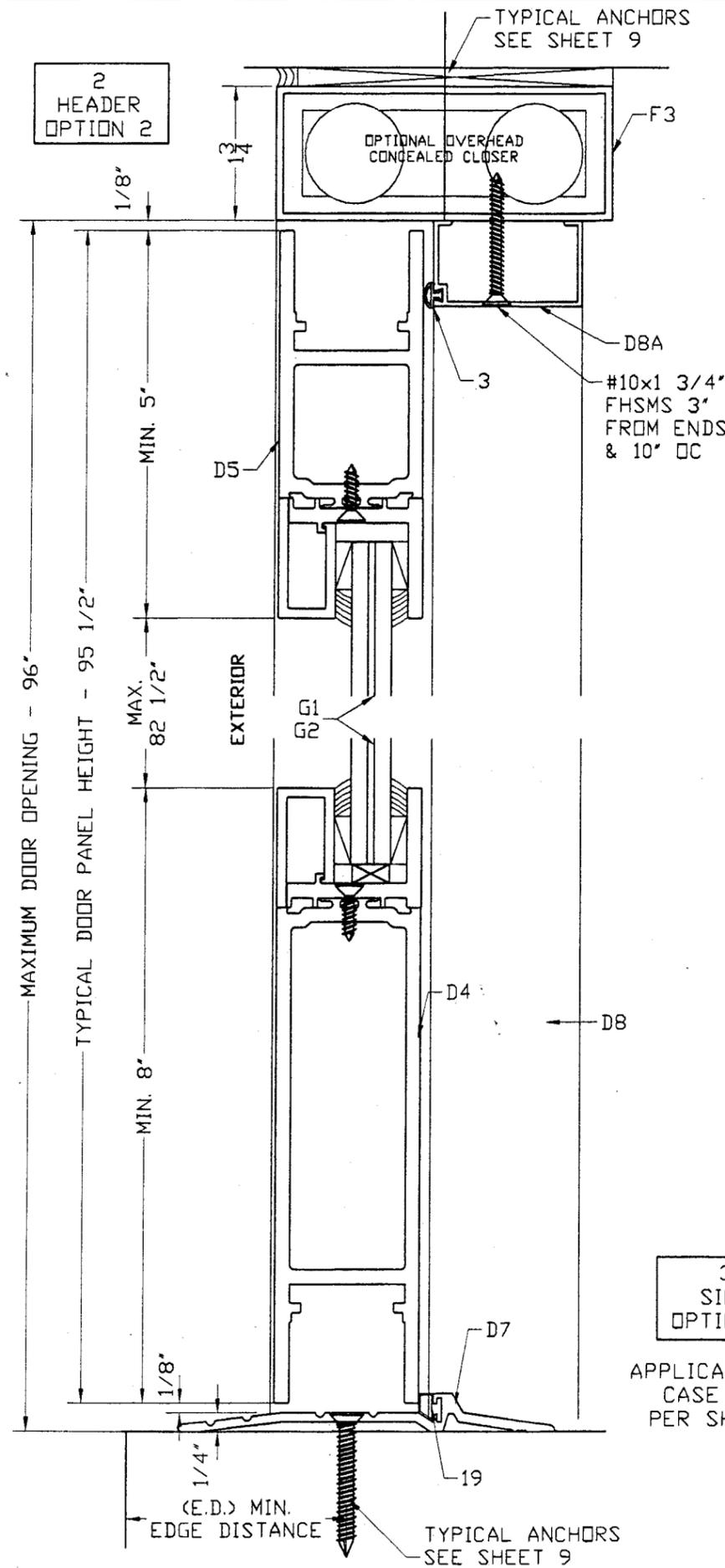
DOOR VERTICAL SECTIONS DETAILS



TYPICAL ANCHORS	
A-	1/4" TAPCONS W/ 1 1/4" EMBED. INTO MASONRY/CONCRETE
B-	#14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" EMBED. INTO WOOD (SG=55)
C-	1/4"-14 SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. 6063-T5 ALUMINUM OR ASTM A36 STEEL)

E.D.= 1" FOR WOOD
 E.D.= 3" FOR CONCRETE
 E.D.= 3/4" FOR METAL

3 SILL OPTION 1
 APPLICABLE FOR CASE 2 AS PER SHEET 2



3 SILL OPTION 2
 APPLICABLE FOR CASE 2 AS PER SHEET 2

MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
 10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305

SEP 07 2006
 Pedro Da Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

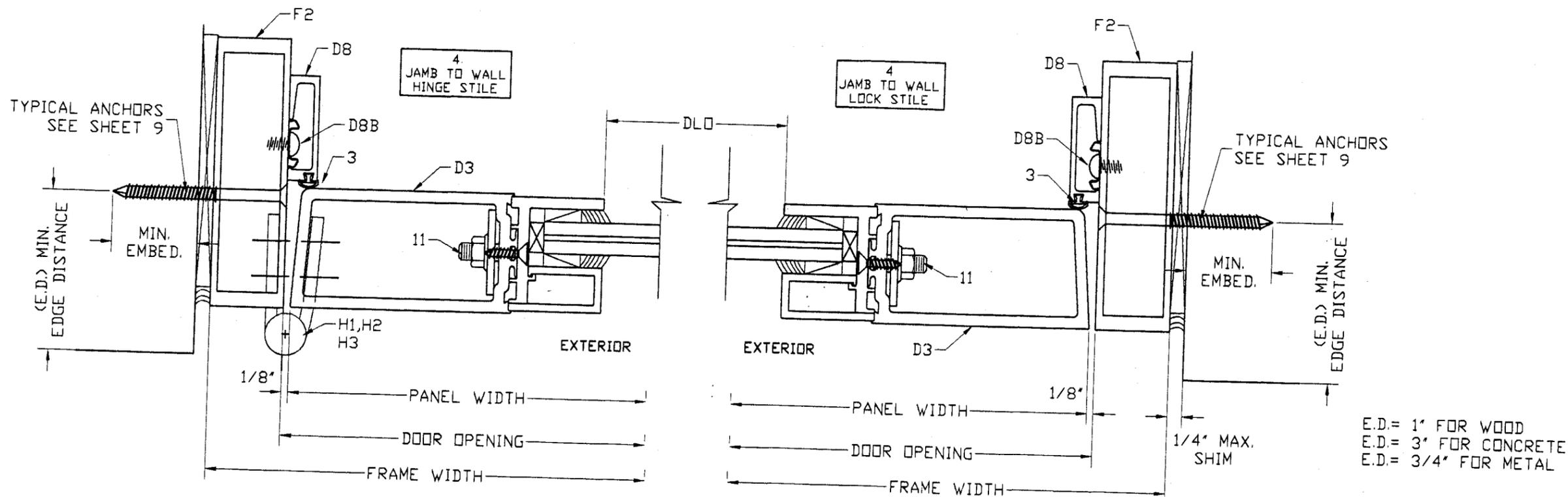
Date: 01/01/06
 Scale: NA
 Design by: PPMF

PRODUCT CONTROL DIVISION:
 PRODUCT REVISED
 in compliance with the Florida
 Building Code
 Acceptance No. 06-0705.05
 Expiration Date JAN-31-2007
 By *Manuel Serrano*
 Miami Code Product Control
 Division

Drawing Number
06-002R1

Sheet
 6 of 9

DOOR HORIZONTAL SECTIONS DETAILS

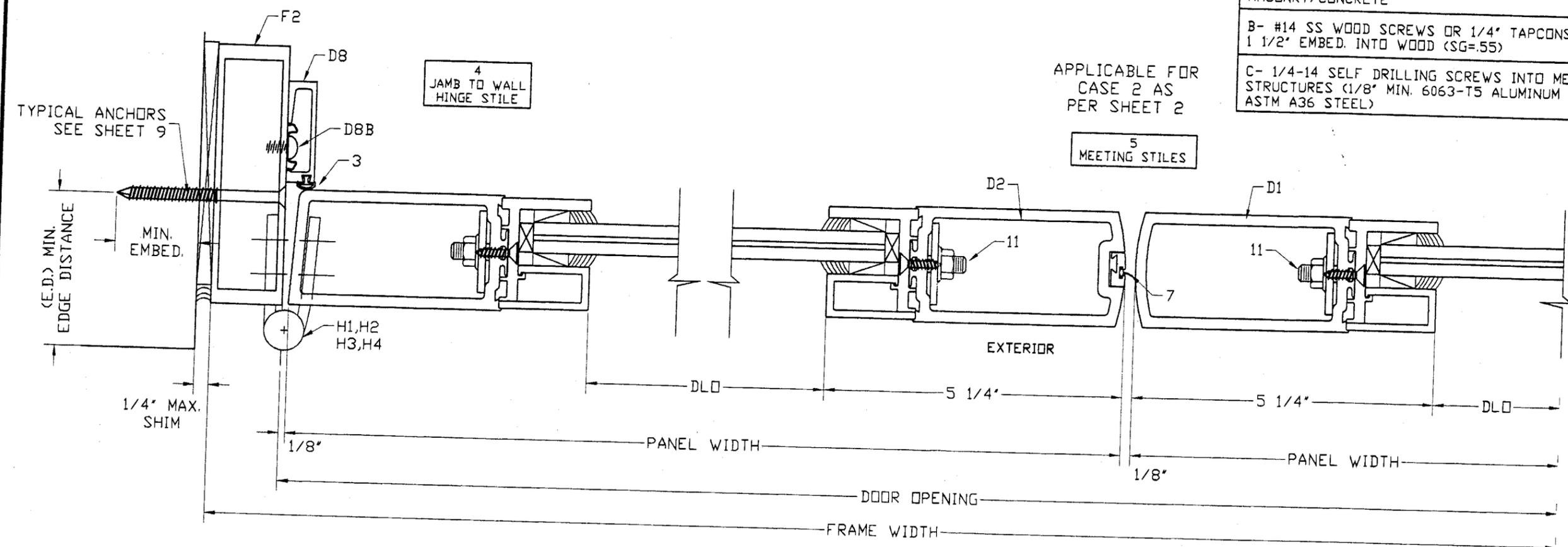


E.D. = 1" FOR WOOD
 E.D. = 3" FOR CONCRETE
 E.D. = 3/4" FOR METAL

TYPICAL ANCHORS	
A-	1/4" TAPCONS W/ 1 1/4" EMBED. INTO MASONRY/CONCRETE
B-	#14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" EMBED. INTO WOOD (SG=55)
C-	1/4"-14 SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. 6063-T5 ALUMINUM OR ASTM A36 STEEL)

APPLICABLE FOR CASE 2 AS PER SHEET 2

5 MEETING STILES



MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
 10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, Fl. 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305



SEP 07 2006
 Pedro De Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
 Scale: NA
 Design by: PPMF

PRODUCT CONTROL DIVISION:
 PRODUCT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. **06-0705 05**
 Expiration Date **JAN 3, 2007**
 By *Maurice Perry*
 Miami Code Product Control Division

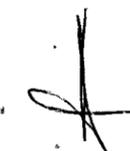
Drawing Number
06-002R1

Sheet
 7 of 9

MANUFACTURER:
**Arch Aluminum
 & Glass Co. Inc.**
 10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
**Aluminum
 Impact Door
 Line**
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305



SEP 07 2006

Pedro De Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
 Scale: NA
 Design by: PPMF

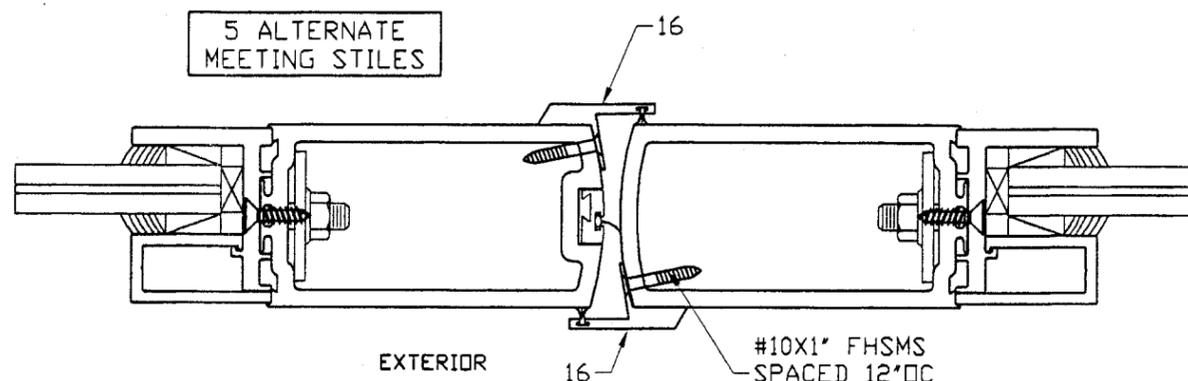
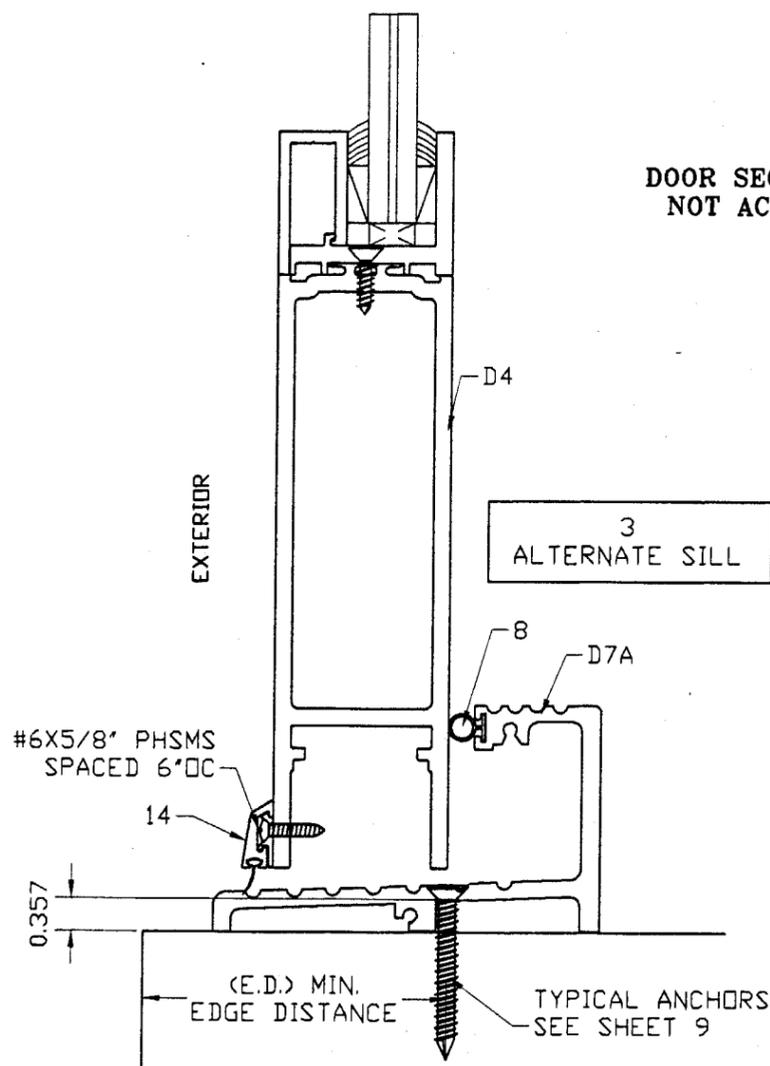
PRODUCT CONTROL DIVISION:

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0705.05
 Expiration Date JAN-3-2007
 By *Manuel Serra*
 Miami Date Product Control
 Division

Drawing Number
 06-002R1

Sheet
 8 of 9

DOOR SECTIONS DETAILS WHERE WATER INFILTRATION IS
 NOT ACCEPTABLE SEE TABLE 3, CASE 1 ON SHEET 2
 MAX. PRESSURE ± 100 PSF



TYPICAL ANCHORS	
A-	1/4" TAPCONS W/ 1 1/4" EMBED. INTO MASONRY/CONCRETE
B-	#14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" EMBED. INTO WOOD (SG=55)
C-	1/4"-14 SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. 6063-T5 ALUMINUM OR ASTM A36 STEEL)

E.D.= 1" FOR WOOD
 E.D.= 3" FOR CONCRETE
 E.D.= 3/4" FOR METAL

ANCHORAGE LAY-OUT

TYPICAL ANCHORS	ANCHOR NOTES:
A- 1/4" TAPCONS W/ 1 1/4" EMBED. INTO MASONRY/CONCRETE	1- EDGE DISTANCE (ED.): 1" FOR WOOD, 3" FOR MASONRY & 3/4" FOR METAL
B- #14 SS WOOD SCREWS OR 1/4" TAPCONS W/ 1 1/2" EMBED. INTO WOOD (SG=55)	2- QUANTITY AND SPACING OF ANCHORS TYPE "B" WILL APPLY FOR INSTALLATION WITH BUCK.
C- 1/4"-14 SELF DRILLING SCREWS INTO METAL STRUCTURES (1/8" MIN. 6063-T5 ALUMINUM OR ASTM A36 STEEL)	3- WOOD BUCKS ARE NOT BY ARCH ALUMINUM, THEY ARE TO BE PROVIDED AND DESIGNED BY OTHERS
	4- STRUCTURAL BUCKS ARE TO BE MADE OF MINIMUM 2X5 PT. WOOD.
	5- NON STRUCTURAL BUCKS MADE OF LESS THAN 2X MUST BE CONTINUOUS AND FRAMING IS TO BE ATTACHED TO THE MAIN STRUCTURE.

MANUFACTURER:
Arch Aluminum & Glass Co. Inc.
 10200 NW 67TH STREET
 TAMARAC - FL - 33321
 TEL: (800) 432-8132
 FAX: (954) 724-9293

PRODUCT:
Aluminum Impact Door Line
 MAGNUM SERIES
 OUTSWING DOORS

Engineering:
EngCo Inc.

CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305



SEP 07 2006

Pedro De Figueiredo, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 01/01/06
 Scale: NA
 Design by: PPMF

PRODUCT CONTROL DIVISION:

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Acceptance No. 06-0205.05
 Expiration Date JAN. 3, 2007
 By: *Manuel Sera*
 Miami/Dele Product Control
 Division

Drawing Number
 06-002R1

Sheet
 9 of 9

