



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

YKK AP America, Inc.
332 Firetower Road
Dublin, GA 31021

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: Model "20 D Narrow Stile" Outswing Aluminum Storefront Door w/Panic Exit Device

APPROVAL DOCUMENT: Drawing No. **W03-37**, titled "20D Narrow Stile Alum. Outswing Entrance Door (N.I.)", sheets 1 through 7 of 7, dated 05/03/03 with revision B dated 04/07/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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: None

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 and renews** NOA # **03-0801.06** 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. 07-1012.05
Expiration Date: August 07, 2013
Approval Date: March 27, 2008

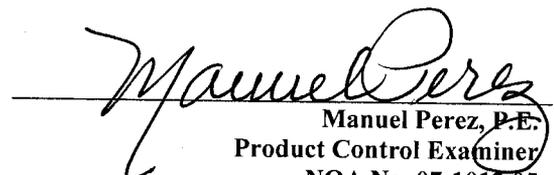
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-37**, Sheets 1 through 7 of 7, titled "20D Narrow Stile Alum. Outswing Entrance Door (N.I.)" dated 05/03/03 with revision B dated 04/07/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of pair of 20D doors in YES 45 PS storefront system, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0231-0523-03**, dated 5/14/03, signed and sealed by Vinu J. Abraham, P.E.
2. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
along with installation diagram of an aluminum out-swinging storefront system and storefront doors prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-2007-2 (S)**, dated 01/05/98, signed and sealed by Barry D. Portnoy, P.E.
3. Test reports on: 1) Large Missile Impact Test per SFBC, per PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, per PA 203-94
along with installation diagram of an aluminum out-swinging storefront system w/Panic exit device and storefront doors prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-2007-1 (I)(C)**, dated 01/05/98, signed and sealed by Barry D. Portnoy, P.E.
4. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Forced Entry Test, per SFBC 3603.2(b) and PA 202-94.
along with installation diagram of an aluminum out-swinging storefront system and storefront doors prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-1872-4, 5, 6 (S) (F)**, dated 09/24/96, signed and sealed by Barry D. Portnoy, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-1012.05
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YKK AP America Inc.

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 4/04/07, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, dated April 4, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated April 4, 2007, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report no. **HTL- 0231-0523-03**, issued by Hurricane Test Laboratory, Inc., dated May 28, 2003, signed and sealed by Vinu J. Abraham, P.E.

G. OTHER

1. Notice of Acceptance No. **03-0801.06**, issued to YKK AP America Inc. for their Model "20 D Narrow Stile" Outswing Aluminum Storefront Door w/Panic Exit Device, approved on 10/23/03 and expiring on 08/07/08.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-1012.05
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FOR DOORS W/ STD. LOCK OPTION #1
 MAXIMUM DESIGN LOAD RATING = + 55.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 55.0 PSF

FOR DOORS W/ PANIC LOCK OPTION #2
 MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
 (FOR SIZES SHOWN OR SMALLER) - 60.0 PSF

SEE SHEET 3 FOR LOCKING OPTIONS

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

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.
 INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET
 THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

**20D NARROW STILE
 ALUMINUM OUTSWING ENTRANCE DOOR**

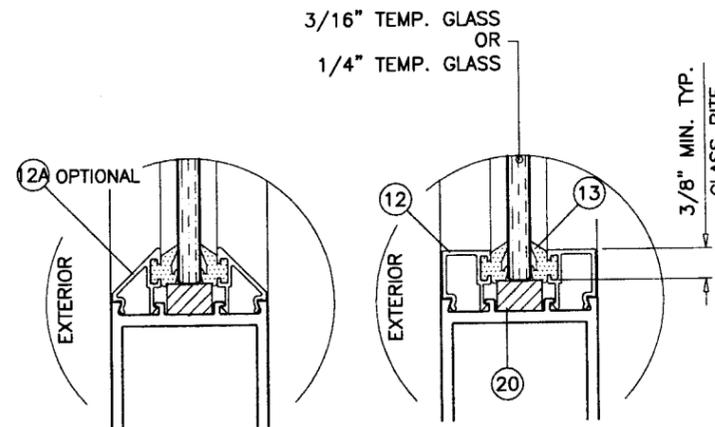
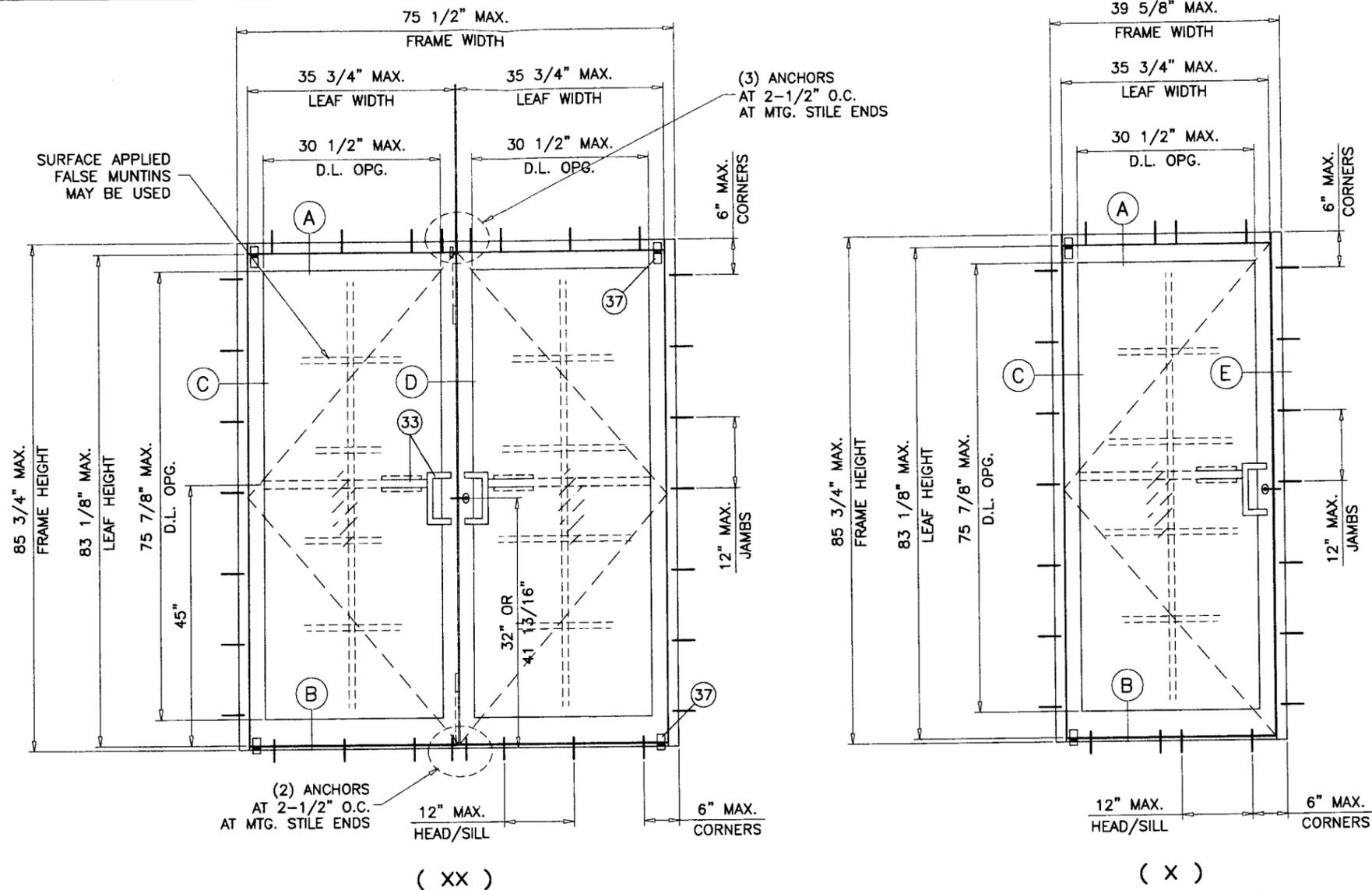
SEE NOTE ABOVE FOR DESIGN LOAD CAPACITY OF
 SINGLE (X) AND DOUBLE (XX) DOORS W/O TRANSOM.

FOR DOORS WITH TRANSOM (O/X OR O/XX) SEE
 HORIZONTAL LOAD CAPACITY CHARTS ON SHEET 2
 LOWER VALUE RESULTING FROM DOOR CAPACITY CHART
 OR HORIZONTAL CAPACITY CHARTS WILL APPLY.

DOORS CAN ALSO BE USED WITH YES45-FS STOREFRONT SYSTEM.
 SEE SEPARATE NOA FOR YES45-FS STOREFRONT DESIGN LOAD CAPACITY.

THE LOWEST VALUE RESULTING FROM DOOR CAPACITY CHARTS
 OR STOREFRONT NOA WILL APPLY TO ENTIRE SYSTEM.

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



GLAZING DETAILS

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.

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

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 07-1012.05
 Expiration Date Aug. 7, 2013

By *Manuel Perez*
 Miami Trade Product Control
 Division

OCT 03 2007

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W03-37YKK

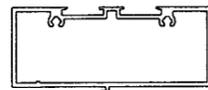
YKK AP AMERICA INC.
 332 FIRETOWER ROAD
 DUBLIN, GEORGIA 31021
 TEL.(478) 277-1955 FAX(478) 277-1978

no	date	description
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B	9.29.03	REV. PER BCCO COMMENTS
B	04.07.07	UPDATED FOR 2004 FBC

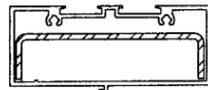
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 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W03-37
 sheet 1 of 7

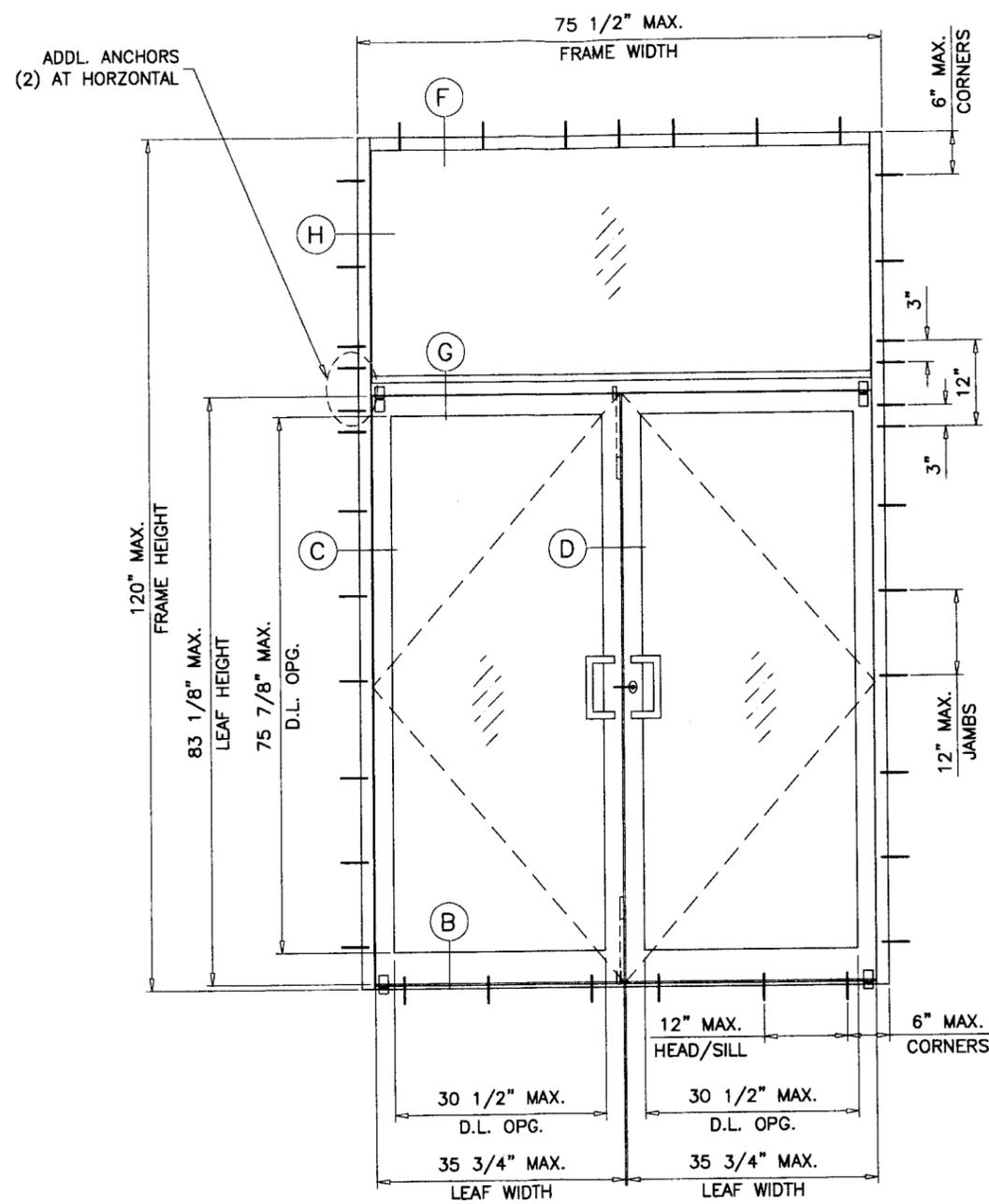
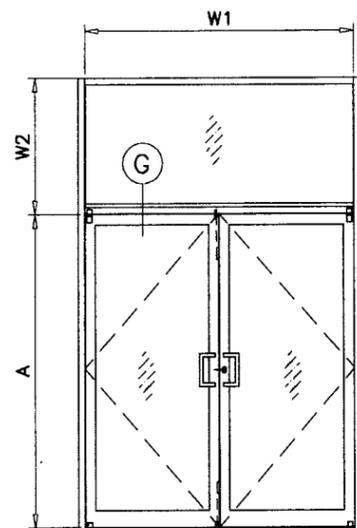
HORIZONTAL LOAD CAPACITY-PSF				
WIDTH-W1 INCHES	WIDTH-W2 INCHES	DOOR LEAF HEIGHT-A INCHES	WITHOUT REINF.	WITH REINF.
			EXT. (+) INT. (-)	EXT. (+) INT. (-)
60"	24"	80"	60.0	60.0
	30"		60.0	60.0
	36"		60.0	60.0
	40"		60.0	60.0
72"	24"	80"	60.0	60.0
	30"		60.0	60.0
	36"		58.3	60.0
60"	24"	84"	60.0	60.0
	30"		60.0	60.0
	36"		60.0	60.0
72"	24"	84"	60.0	60.0
	30"		60.0	60.0
	36"		56.4	60.0



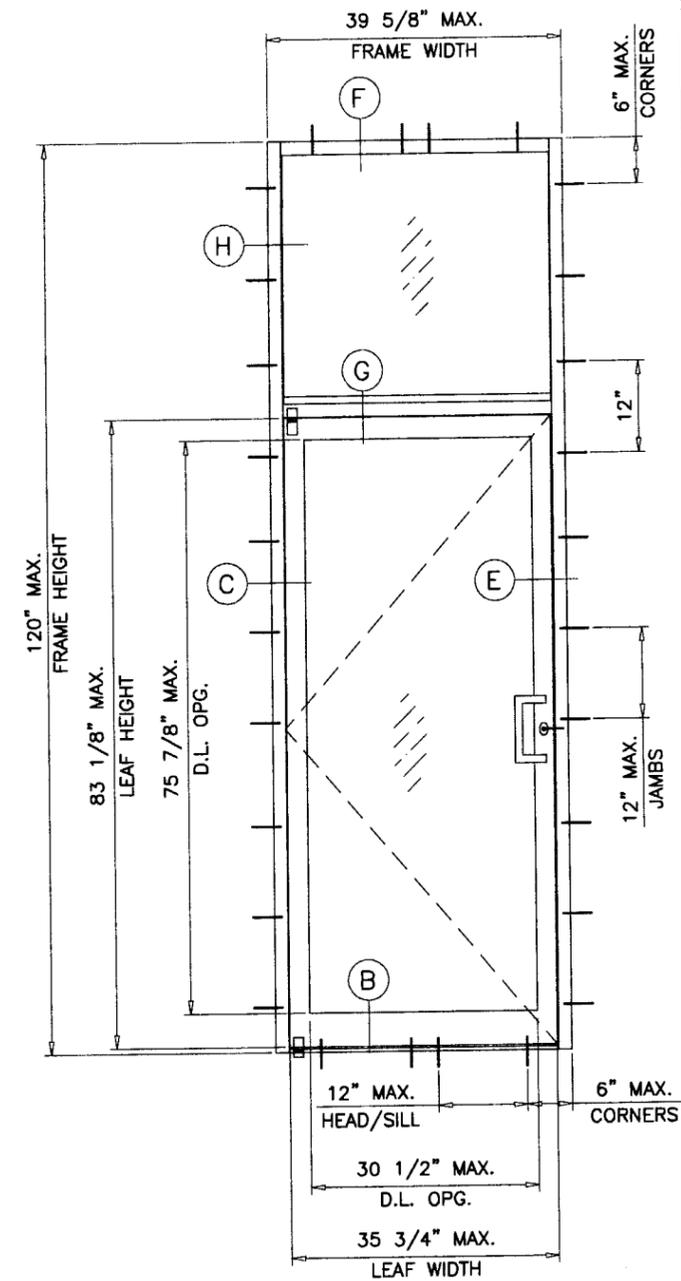
W/O REINFORCING



WITH REINFORCING



(O/XX)



(O/X)

TRANSOM GLASS = GLASS AREA \leq 11.5 SQ. FT. USE 1/4" ANN. GLASS
GLASS AREA $>$ 11.5 SQ. FT. USE 1/4" TEMP. GLASS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

OCT 03 2007

PRODUCT REVISED
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Expiration Date AUG 7, 2013
By: *Maurice Perez*
Miami Dade Product Control
Division

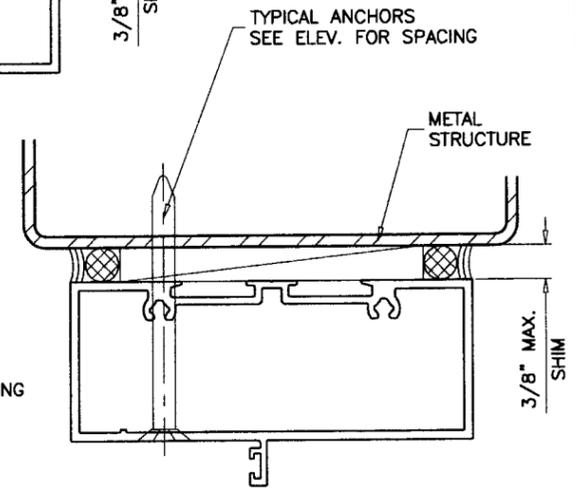
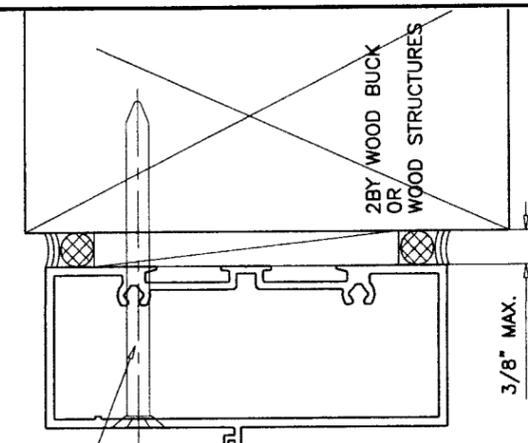
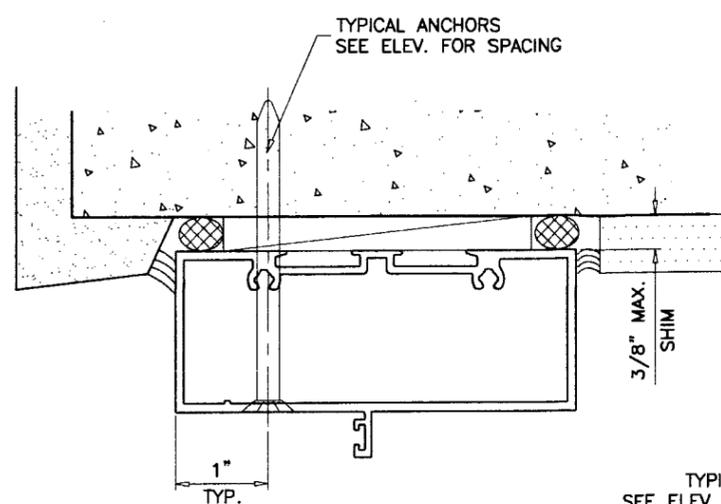
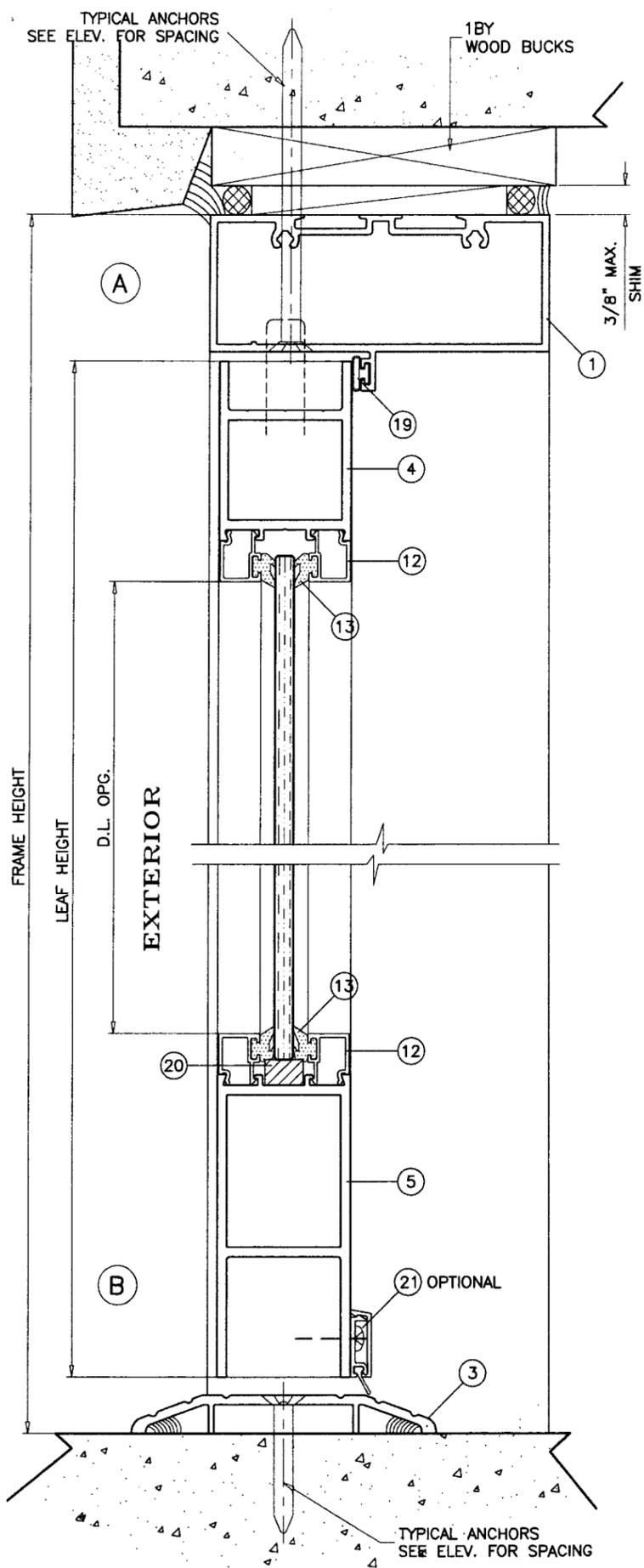
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AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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COMP-ANL\W03-37YK

200 NARROW STILE ALUM OUTSWING ENTRANCE DOOR (N.I.)
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

no	date	by	description
A	9.18.03	REV. PER BCCO COMMENTS	
B	9.29.03	REV. PER BCCO COMMENTS	
B	04.07.07	UPDATED FOR 2004 FBC	

date: 05-03-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W03-37
sheet 2 of 7



LOCK OPTIONS SINGLE DOORS:

OPTION #1:

AR MS1850 HOOKBOLT LOCK (YKK #H-3201)
WITH LOCK CYLINDER AT 32" OR 41-13/16" FROM BOTTOM.
STD. PUSH/PULL BAR AT 45" FROM BOTTOM

OPTION #2:

DOR-O-MATIC 1490 SERIES (YKK #P2362) OR
DOR-O-MATIC 1690 SERIES (YKK #P52497) OR
DOR-O-MATIC 1990 SERIES (YKK #P2323)
CONCEALED VERTICAL ROD TOUCH BAR EXIT DEVICE
WITH KEY CYLINDER AT 42" FROM BOTTOM

LOCK OPTIONS DOUBLE DOORS:

OPTION #1:

ACTIVE LEAF:

AR MS1850 HOOKBOLT LOCK (YKK #H-3201)
WITH LOCK CYLINDER AT 32" OR 41-13/16" FROM BOTTOM.
STD. PUSH/PULL BAR AT 45" FROM BOTTOM

INACTIVE LEAF

STD. LEVER TYPE FLUSH BOLTS (YKK #H-4101)
AT 11-1/2" FROM EACH END OF MTG. STILE.
STD. PUSH/PULL BAR AT 45" FROM BOTTOM

OPTION #2:

ACTIVE LEAF:

DOR-O-MATIC 1490 SERIES (YKK #P2362) OR
DOR-O-MATIC 1690 SERIES (YKK #P52497) OR
DOR-O-MATIC 1990 SERIES (YKK #P2323)
CONCEALED VERTICAL ROD TOUCH BAR EXIT DEVICE
WITH KEY CYLINDER AT 42" FROM BOTTOM

INACTIVE LEAF

DOR-O-MATIC 1490 SERIES (YKK #P2362) OR
DOR-O-MATIC 1690 SERIES (YKK #P52497) OR
DOR-O-MATIC 1990 SERIES (YKK #P2323)
CONCEALED VERTICAL ROD TOUCH BAR EXIT DEVICE
WITHOUT KEY CYLINDER AT 42" FROM BOTTOM

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE
ENGAGED DURING PERIODS OF HURRICANE WARNING.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" DIA. TEKS/DRILL-FLEX 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)

ANCHOR EDGE DISTANCES:

INTO CONCRETE AND MASONRY = 2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

SEALANTS:

ALL FRAME CORNERS SEALED WITH TREMCO
SPECTREM 2 OR DOW 795 SILICONE.

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

OCT 03 2007

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 07-1012.05
Expiration Date Aug. 7, 2013

By: *Manuel Pagan*
Miami Date Product Control
Division

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-37YKX

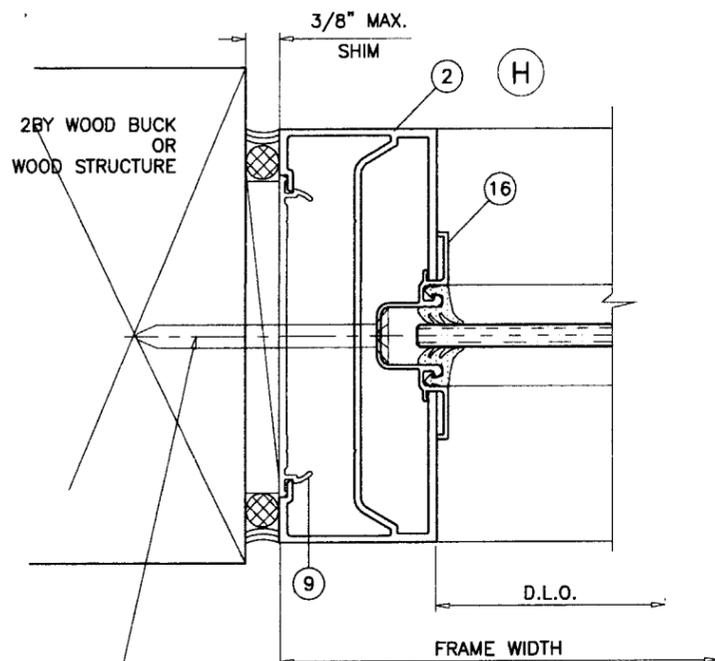
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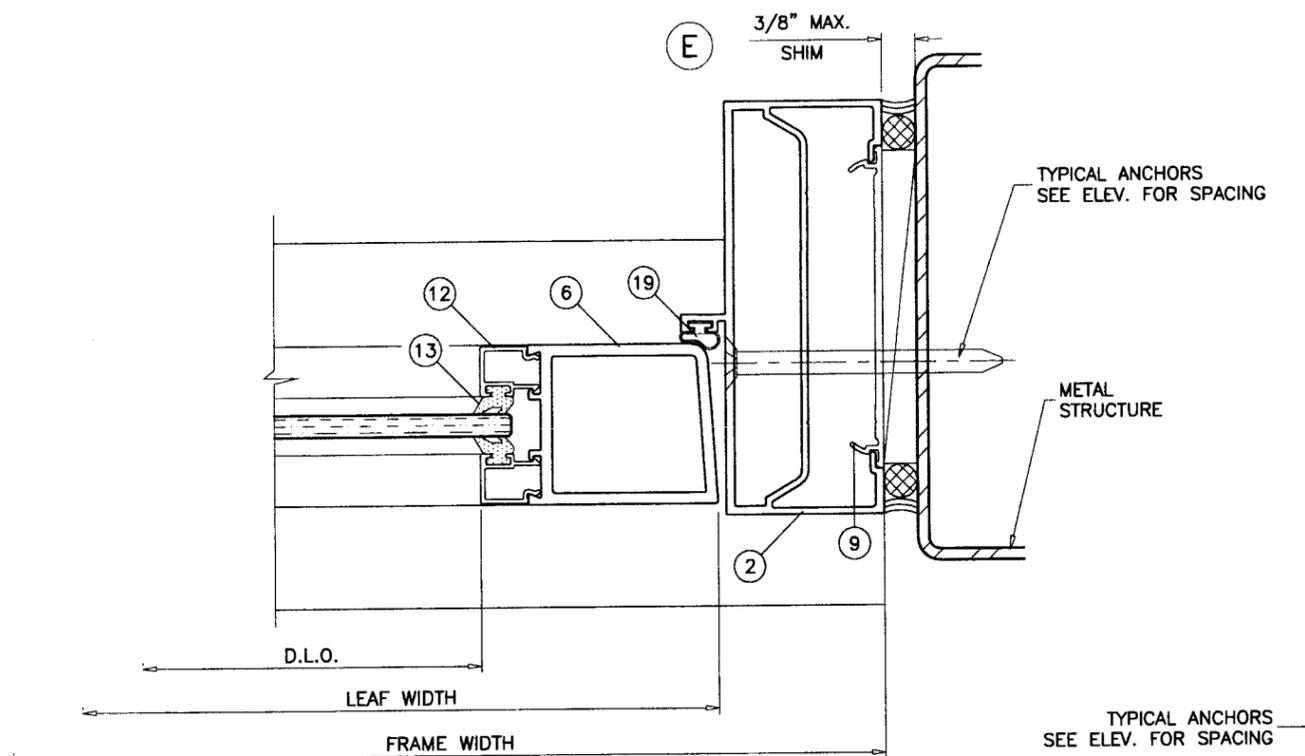
revisions:

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dr. by: HAMID
chk. by:

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sheet 3 of 7

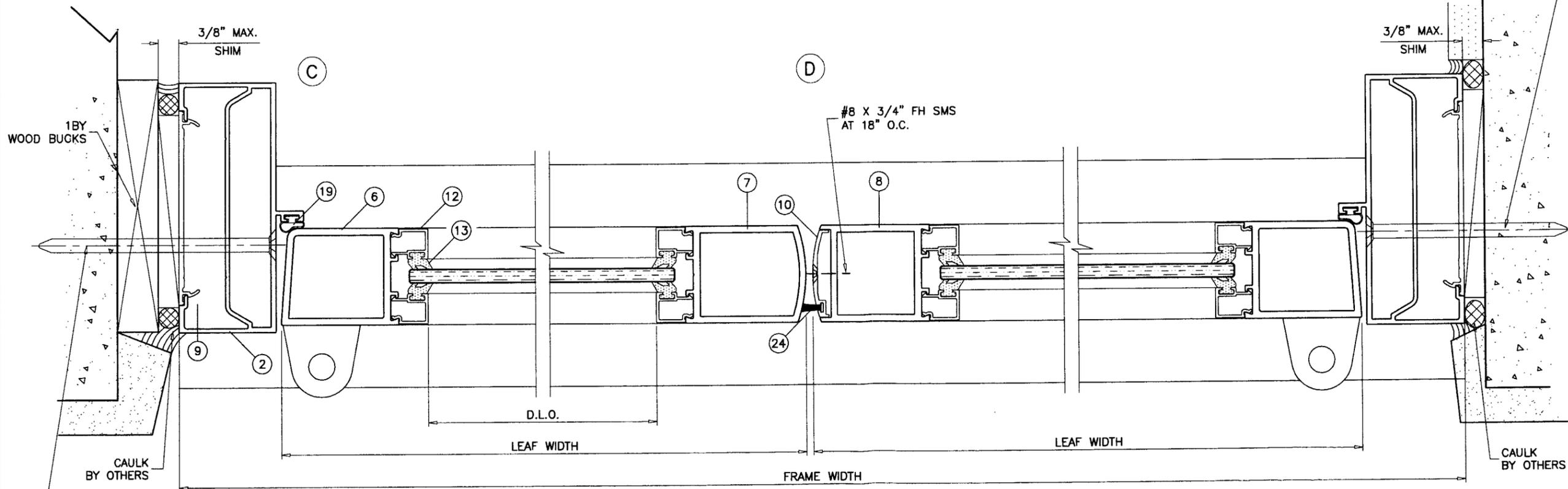


TYPICAL ANCHORS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

METAL
STRUCTURE



3/8" MAX.
SHIM

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

CAULK
BY OTHERS

EXTERIOR

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

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

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

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By *Mamuel Perez*
Miami Dade Product Control
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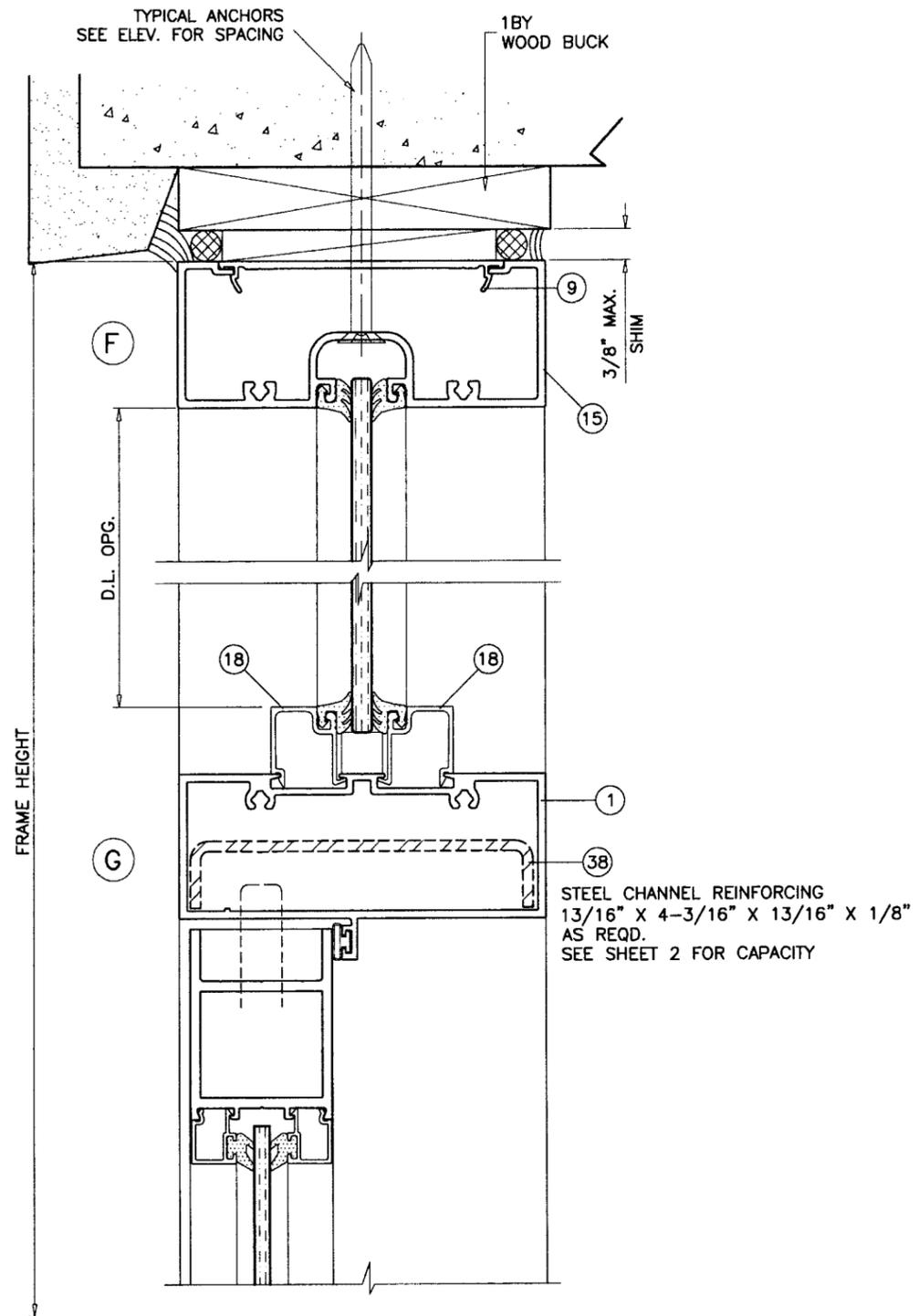
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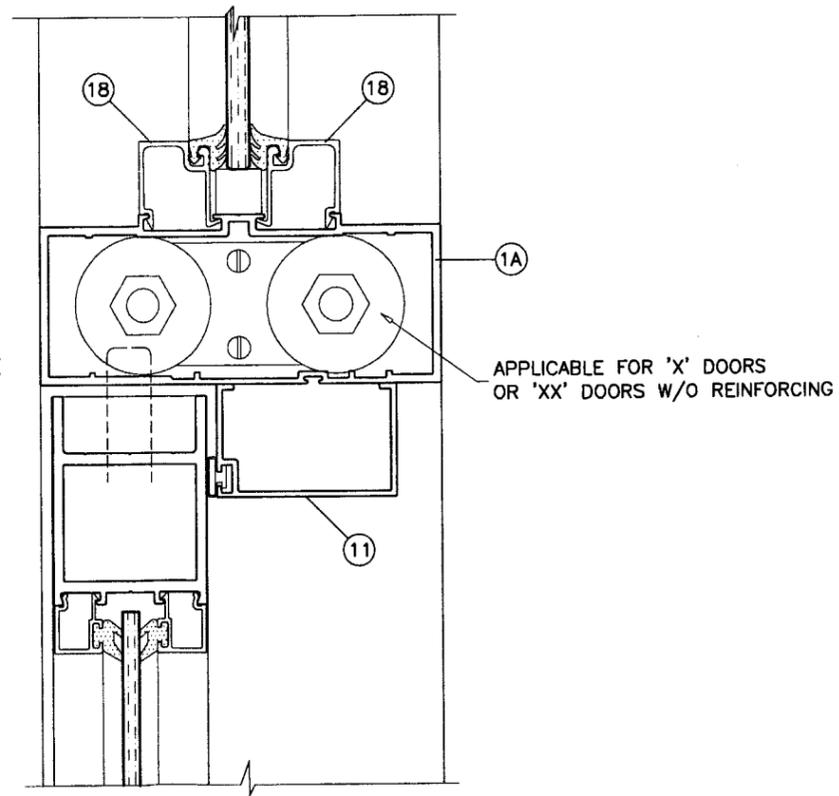
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drawing no.
W03-37
sheet 4 of 7



STEEL CHANNEL REINFORCING
 13/16" X 4-3/16" X 13/16" X 1/8"
 AS REQD.
 SEE SHEET 2 FOR CAPACITY

(G)
 ALTERNATE



APPLICABLE FOR 'X' DOORS
 OR 'XX' DOORS W/O REINFORCING

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 18557
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By *Manuel Perez*
 Miami Dade Product Control
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afc
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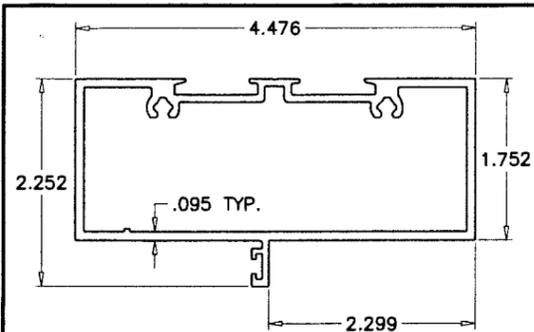
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revisions:

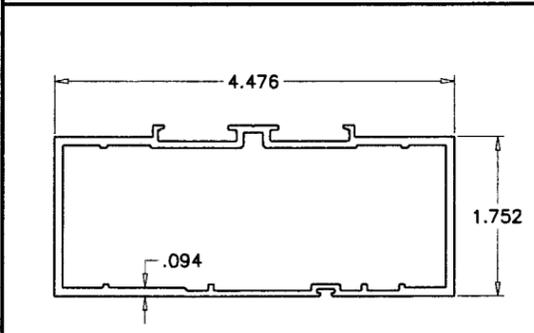
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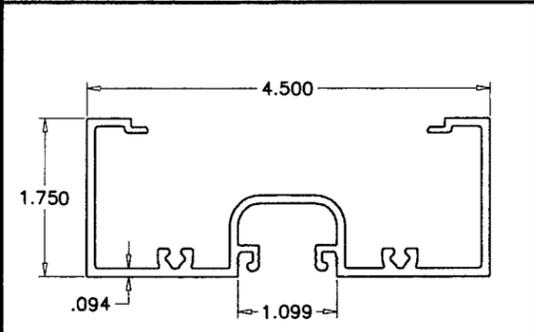
drawing no.
W03-37
 sheet 5 of 7



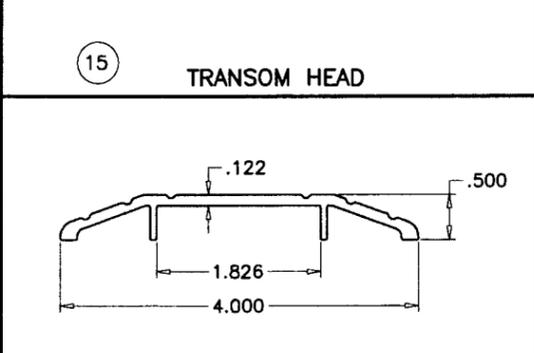
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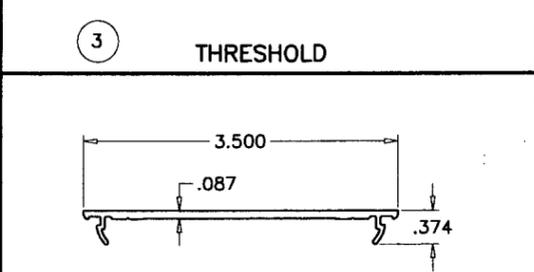
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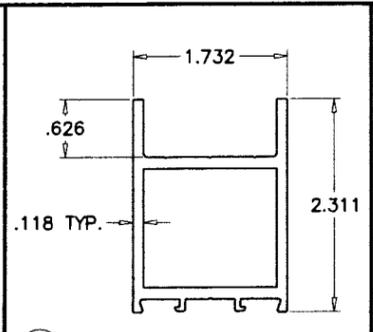
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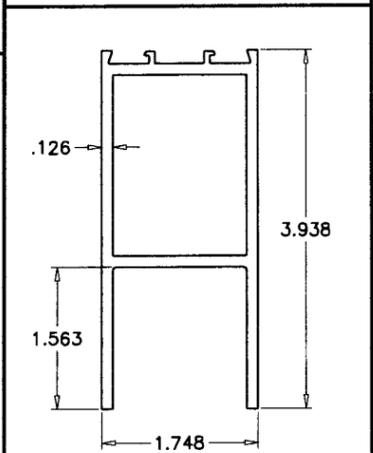
3 THRESHOLD



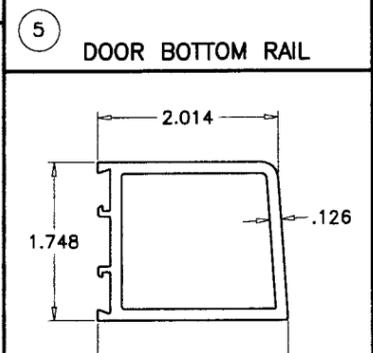
9 SHEAR PLATE



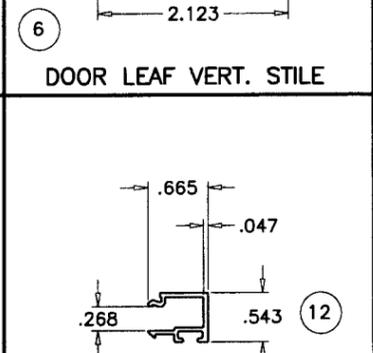
4 DOOR TOP RAIL



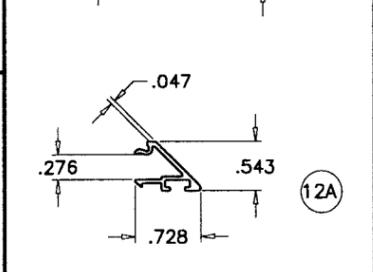
5 DOOR BOTTOM RAIL



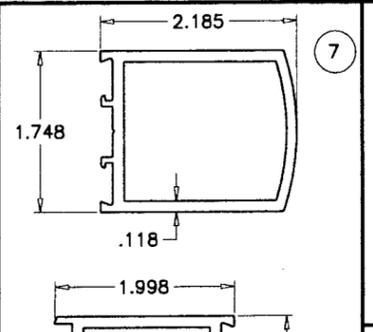
6 DOOR LEAF VERT. STILE



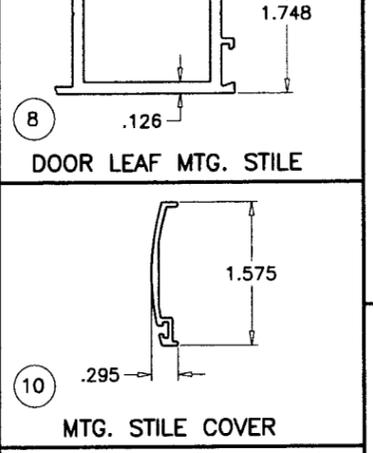
12 DOOR GLAZING BEADS



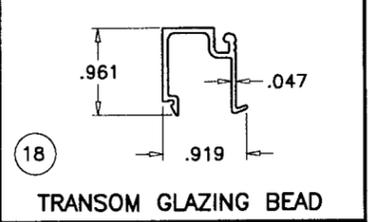
12A DOOR GLAZING BEADS



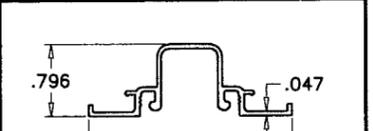
8 DOOR LEAF MTG. STILE



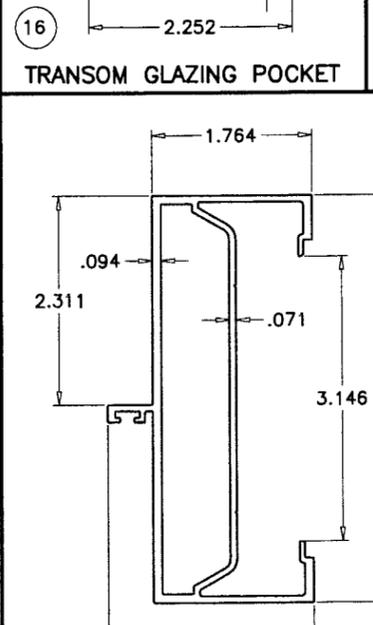
10 MTG. STILE COVER



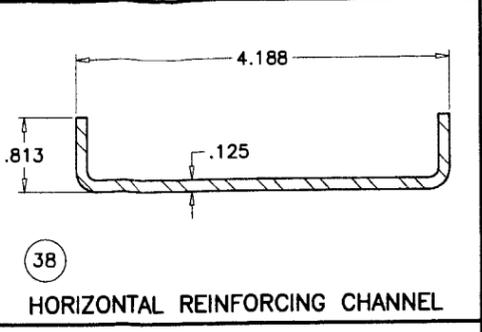
18 TRANSOM GLAZING BEAD



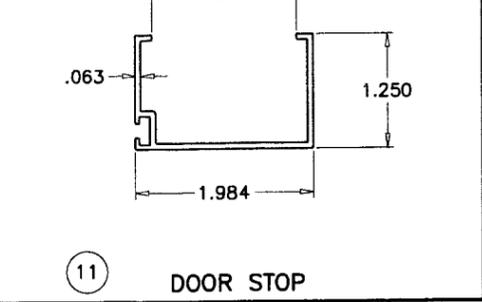
16 TRANSOM GLAZING POCKET



2 FRAME JAMB



38 HORIZONTAL REINFORCING CHANNEL



11 DOOR STOP

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

OCT 03 2007

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-1012-05
Expiration Date AUG. 7, 2013

By *Manuel Perez*
Miami Trade Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-37YKK

YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

200 NARROW STILE ALUM OUTSWING ENTRANCE DOOR (N.I.)

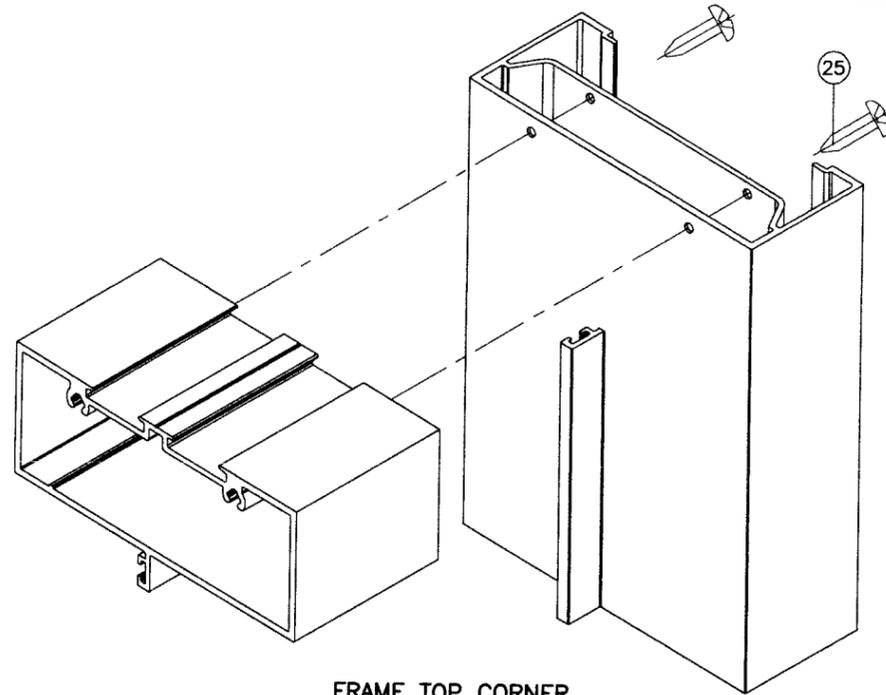
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B	9.29.03	REV. PER BCCO COMMENTS
B	04.07.07	UPDATED FOR 2004 FBC

revisions:

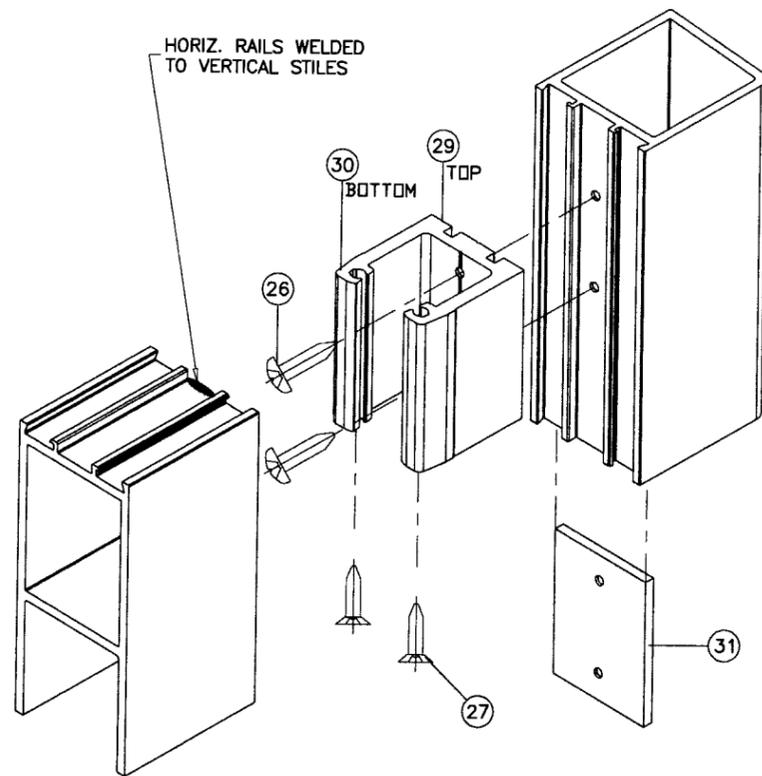
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dr. by: HAMID
chk. by:

drawing no.
W03-37

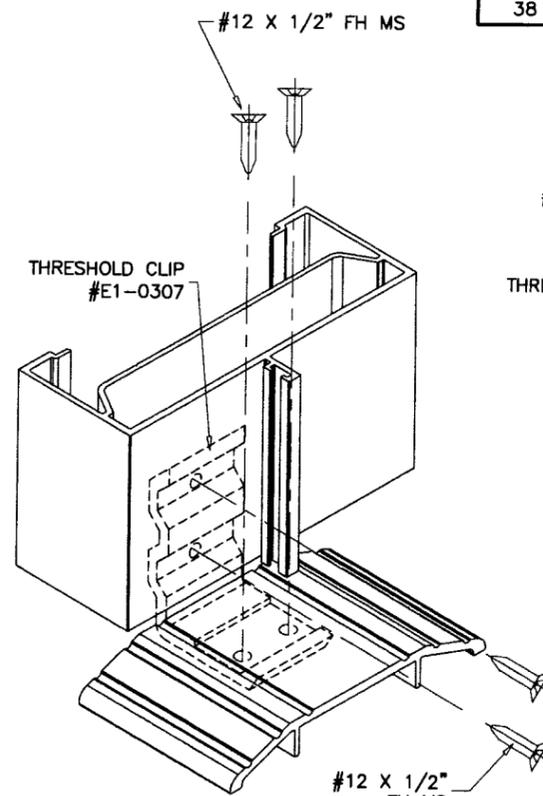
sheet 6 of 7



FRAME TOP CORNER



LEAF CORNER



FRAME BOTTOM CORNER

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E9-0402	1	FRAME HEAD	6063-T5	YKK AP AMERICA
1A	E9-0425	1	ALT. FRAME HEAD	6063-T5	YKK AP AMERICA
2	E9-0421	2	DOOR FRAME JAMB	6063-T5	YKK AP AMERICA
3	E9-0407	1	THRESHOLD	6063-T5	YKK AP AMERICA
4	E9-0305	1/ LEAF	TOP RAIL	6063-T5	YKK AP AMERICA
5	E9-0306	1	BOTTOM RAIL	6063-T5	YKK AP AMERICA
6	E9-0301	1,2/ LEAF	DOOR LEAF VERT. STILE	6063-T5	YKK AP AMERICA
7	E9-0303	1/ LEAF	DOOR LEAF - MTG. STILE (INACTIVE)	6063-T5	AT DOUBLE DOORS
8	E9-0329	1/ LEAF	DOOR LEAF - MTG. STILE (ACTIVE)	6063-T5	AT DOUBLE DOORS
9	E1-1054	AS REQD.	SHEAR PLATE @ ANCHOR LOCATIONS	6063-T5	2-1/2" LONG
10	E9-0332	1	MEETING STILE COVER	6063-T5	AT DOUBLE DOORS
11	E9-0215	1	DOOR STOP	6063-T5	YKK AP AMERICA
12	E9-0314	AS REQD.	GLAZING BEAD (STANDARD)	6063-T5	YKK AP AMERICA
12A	E9-0339	AS REQD.	GLAZING BEAD (OPTIONAL)	6063-T5	YKK AP AMERICA
13	E2-0050	AS REQD.	GLAZING GASKET	EPDM	-
15	E9-1003	AS REQD.	TRANSOM HEAD	6063-T5	YKK AP AMERICA
16	E9-0434	AS REQD.	TRANSOM GLAZING POCKET	6063-T5	YKK AP AMERICA
18	E9-0403	AS REQD.	TRANSOM GLAZING BEAD	6063-T5	YKK AP AMERICA
19	E2-0051	AS REQD.	BULB WEATHERSTRIPPING	PVC	-
20	E2-0054	1/LEAF	SETTING BLOCK	EPDM	-
21	H-7107	OPTIONAL	DOOR SWEEP PACKAGE	-	-
24	E2-0087	AS REQD.	PILE WEATHERSTRIPPING	-	-
25	PC-1216	AS REQD.	FRAME ASSY. SCREWS	-	#12 X 1" PAN HEAD SMS
26	-	2/CORNER	3/8"-16 X 5/8" SCREWS	-	-
27	-	2/CORNER	#10 X 1" FH SMS	-	-
29	E1-0308	2/ LEAF	JOINT CLIP FOR TOP RAIL	6063-T5	-
30	E1-0309	2/ LEAF	JOINT CLIP FOR BOTTOM RAIL	6063-T5	-
31	E1-0311	4/ LEAF	BACKER PLATE	-	-
33	-	AS REQD.	PUSH-PULL HARDWARE	-	-
37	H-2101/2102	2/LEAF	TOP & BOTTOM OFFSET PIVOT SET	-	-
38	-	AS REQD.	REINFORCING CHANNEL (Fy = 38 KSI)	STEEL	.813 X 4.188 X .813 X .125"

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 1235 S.W. 87 AVE
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 Miami Dade Product Control
 Division

drawing no.
W03-37
 sheet 7 of 7