



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
www.buildingcodeonline.com

## NOTICE OF ACCEPTANCE (NOA)

E.S. Windows  
5220 NW 72<sup>nd</sup> Ave. Bay #4  
Miami, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series 4000 Aluminum Sliding Glass Door -LMI

**APPROVAL DOCUMENT:** Drawing No. **W03-100**, titled "Series-4000 Aluminum Sliding Patio Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on 09-20-2006, signed and sealed by Dr. 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: 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 # **04-1117.05** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



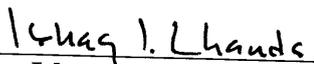
9/22/06

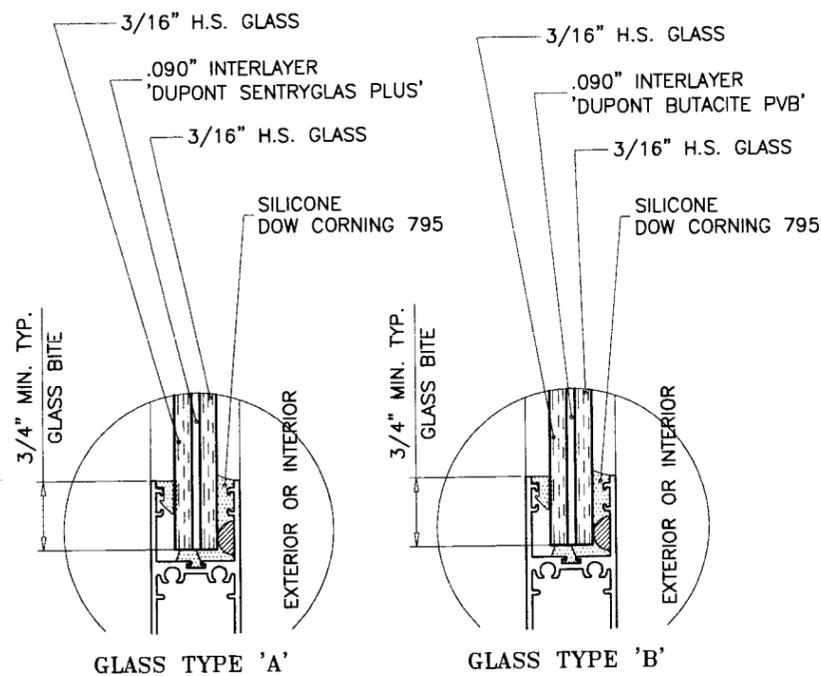
NOA No 06-0606.02  
Expiration Date: March 18, 2009  
Approval Date: October 12, 2006  
Page 1

E.S. Windows

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # 04-1117.05)
1. Manufacturer's die drawings and sections.  
Drawing No. **W03-100**, titled "Series-4000 Aluminum Sliding Patio Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on 09-20-2006, signed and sealed by Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # 04-1117.05)
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 an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-3908**, dated 10/09/03, **FTL-3909**, dated 09/26/03, **FTL-3910**, dated 09/30/03 and **FTL-4287**, dated 09/22/04, signed and sealed by Joseph Chan, P.E. and Test Report No. **FTL-4287**, dated 09/22/04, signed and sealed by Edmundo Largaespada, P.E.
- C. CALCULATIONS**
1. Anchor verification calculation dated 06-03-06, complying w/ FBC 2004, prepared by Al-Farooq Corporation, signed and sealed by Dr. Humayoun Farooq, P.E.
  2. Calculations, and structural analysis, prepared by Al-Farooq Corporation, dated 11/07/03, signed and sealed by Dr. Humayoun Farooq, P.E.(file # 04-1117.05)
  3. Glazing complies with ASTM E-1300-98 & -02.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **01-1204.01** issued to "E.I. DuPont DeNemours" for "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
  2. Notice of Acceptance No. **05-1208.02** issued to "E.I. DuPont DeNemours" for "Dupont Butacite ® PVB", expiring on 12/11/10.
- F. STATEMENTS**
1. Statement letter of compliance w/FBC-2004, signed by Dr. Humayoun Farooq, P.E.
  2. Statement letter of compliance and of no financial interest, dated 05/22/06, signed and sealed by Dr. Humayoun Farooq, P.E.
- G. OTHER**
1. This NOA revises # **04-1117.05** (# 03-1208.02)
  2. Letter from the consultant stating that the product is in compliance with the Florida Building Code.( # 04-1117.05)

  
Ishaq I. Chanda, P. E.  
Product Control Examiner  
NOA No 06-0606.02  
Expiration Date: March 18, 2009  
Approval Date: October 12, 2006



DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

**SERIES-4000 ALUM SLIDING GLASS DOOR**

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION (REV. 2005) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

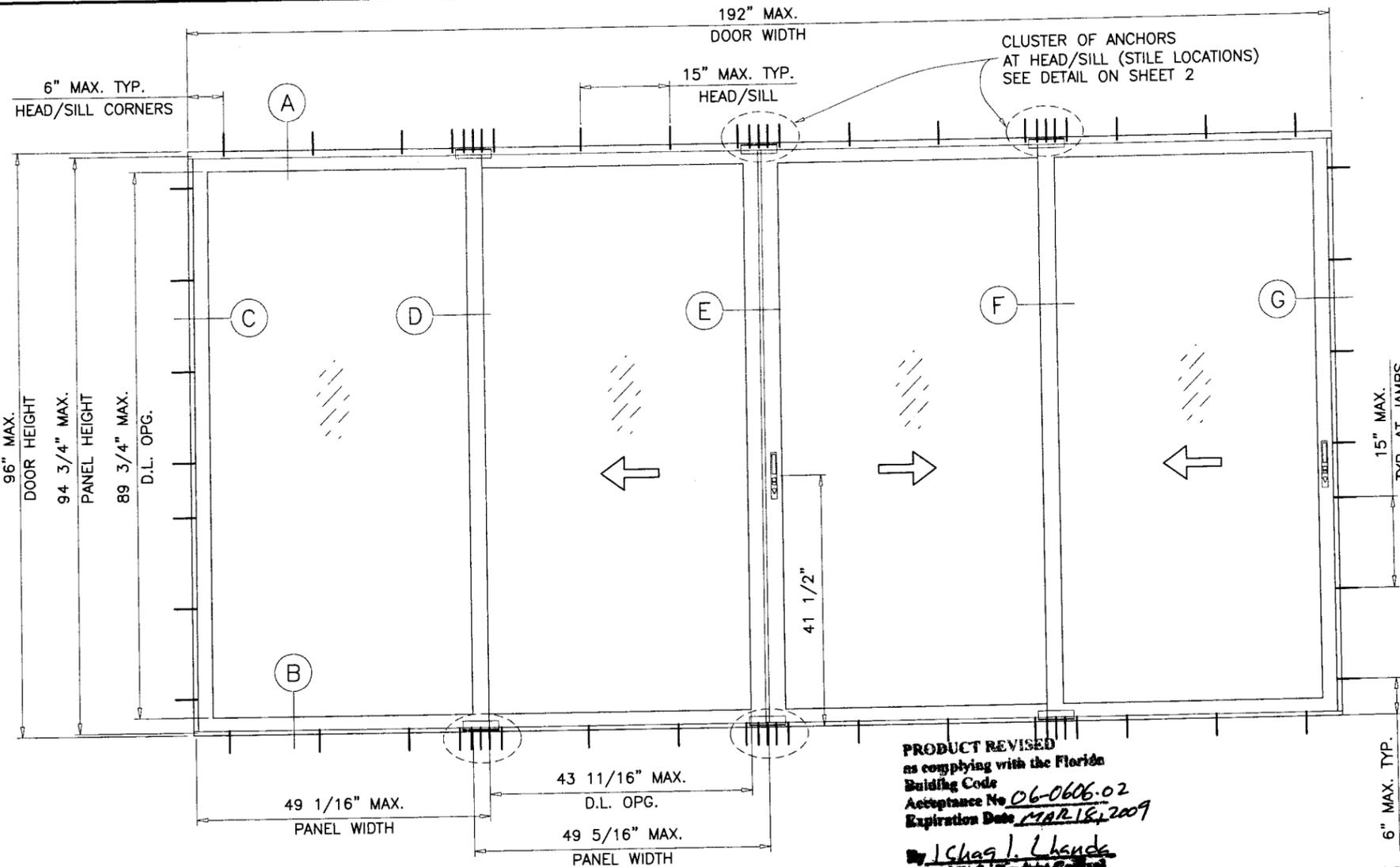
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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 SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4 (SUPPLEMENT 2005).

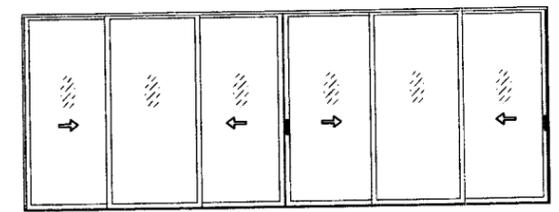


TYPICAL ELEVATION TESTED UNIT

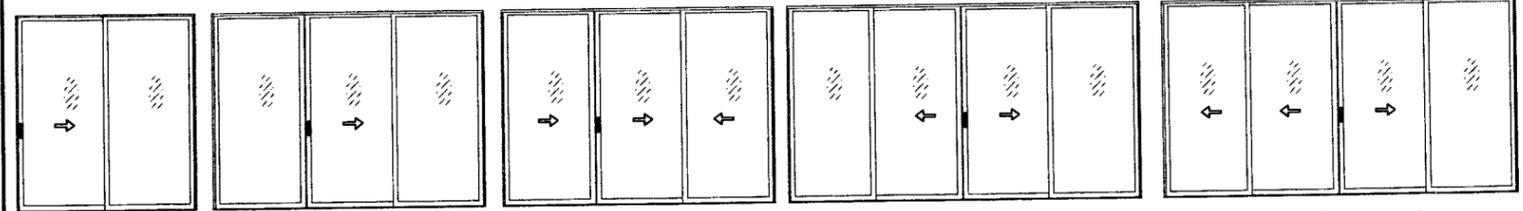
PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. 06-0606-02  
 Expiration Date MAR 18, 2009  
 By J. Chag. I. Lhanda  
 Miami Dade Product Control Division

SEE SHEET 2 FOR XO OR XX DOORS WITH HEAVY REINFORCING

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-98 (60 SEC. WIND) OR ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.



XOXXOX (SHOWN)



XO (SHOWN) OXO (SHOWN) XXX (SHOWN) OXXO XXXO (SHOWN) XXXX  
 OX XXX  
 XX

APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF (ALL CONFIGURATIONS SHOWN ON THIS SHEET) GLASS TYPES 'A' OR 'B'									
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	HEAVY REINF'G				MEDIUM REINFOR'G		NO REINFOR'G	
		SCHEDULE 'A'		SCHEDULE 'B'		SCHEDULE 'A'		SCHEDULE 'A'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	80	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
36		70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
42		70.0	80.0	70.0	80.0	70.0	80.0	-	-
48		70.0	80.0	70.0	80.0	-	-	-	-
54		70.0	78.4	70.0	80.0	-	-	-	-
30	96	70.0	80.0	70.0	80.0	70.0	80.0	-	-
36		70.0	79.9	70.0	80.0	70.0	79.9	-	-
42		70.0	71.2	70.0	80.0	-	-	-	-
48		64.9	64.9	70.0	80.0	-	-	-	-

NOTE: USE ANCHOR CHART ON SHEET 2 FOR SCHEDULE A & B

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

SEP 20 2006

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W03-100ES

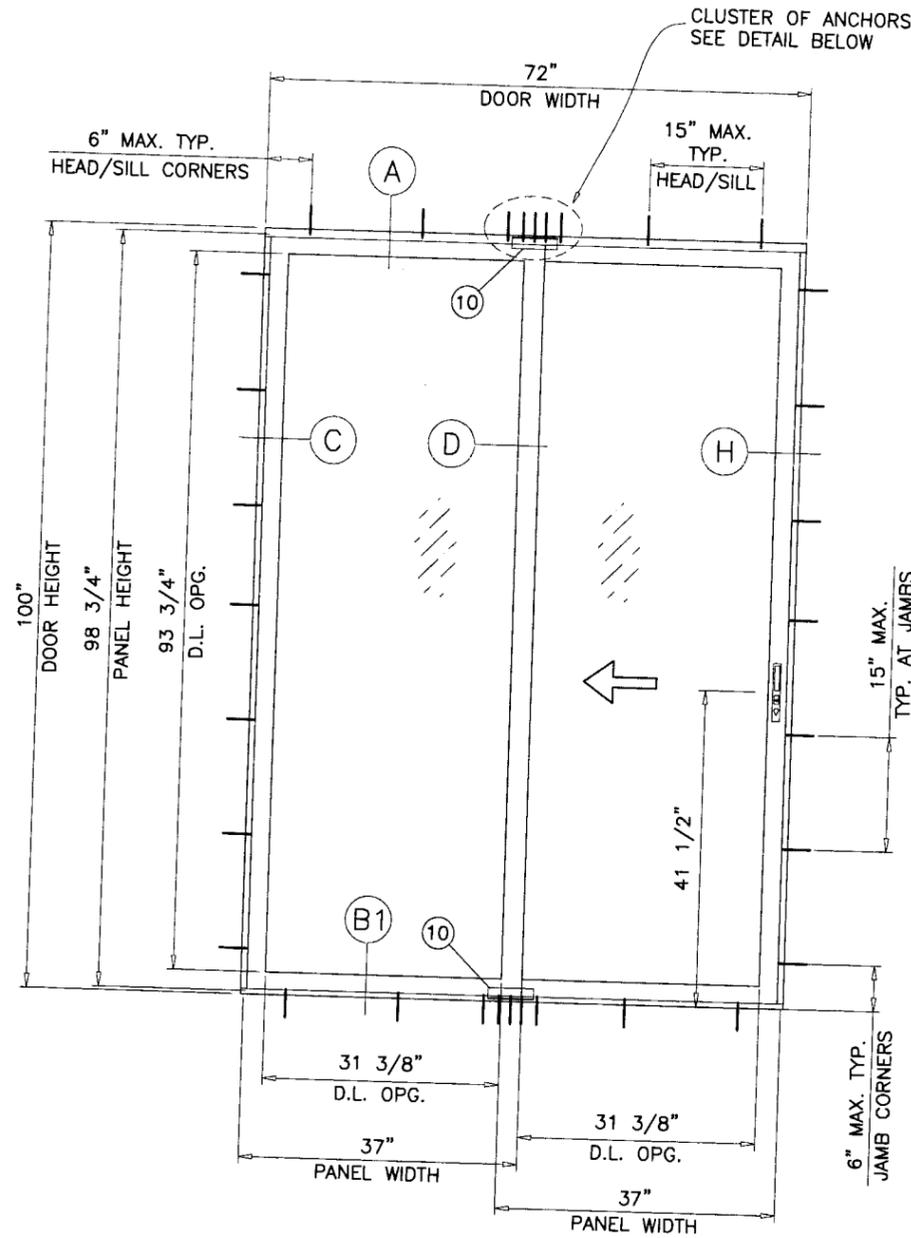
**E.S. WINDOWS**  
 5220 N.W. 72 AVE. BAY #4  
 MIAMI, FL. 33166  
 TEL. (305) 640-9857 FAX. (305) 593-2074

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)

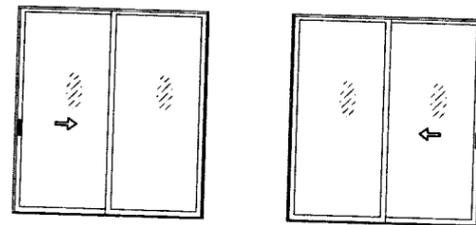
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A	01.22.04		NO CHANGE THIS SHEET
B	11.02.04		NOTE REV.
C	05.17.06		UPDATED FOR 2004 FBC
D	09.14.06		REV. PER BCCO COMMENTS

date: 11-08-03  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no. **W03-100**  
 sheet 1 of 7



TYPICAL ELEVATION



APPROVED CONFIGURATIONS

SEE SHEET 1 FOR DOORS WITH MEDIUM OR NO REINFORCING

DESIGN LOAD CAPACITY - PSF (OX OR XO ONLY) GLASS TYPES 'A' OR 'B'							
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	HEAVY REINF'G (SEE DETAIL SHEET 3)					
		SCHEDULE 'A'		SCHEDULE 'B'		SCHEDULE 'B'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	80	80.0	100.5	80.0	103.0	80.0	103.0
36		80.0	100.5	80.0	103.0	80.0	103.0
42		80.0	90.5	80.0	103.0	80.0	103.0
45		80.0	86.7	80.0	103.0	80.0	103.0
30	96	79.9	79.9	80.0	103.0	80.0	103.0
36		79.9	79.9	80.0	103.0	80.0	99.1
30	100	76.0	76.0	80.0	103.0	80.0	103.0
36		76.0	76.0	80.0	103.0	80.0	86.5
		E1300-98 OR E1300-02		E1300-98		E1300-02	

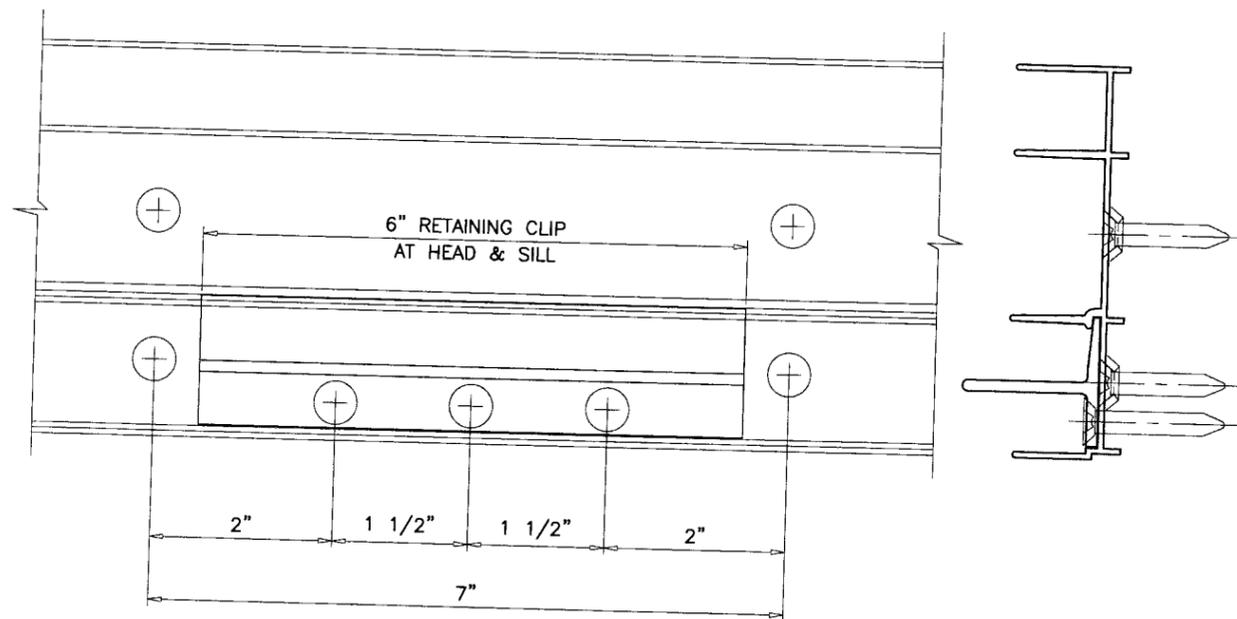
THE SHOWN EXT. (+) LOADS REQUIRE 3-1/4" SILL HEIGHT (DTL. B1 ON SHEET 2).  
REDUCE EXT. (+) LOAD CAPACITY TO +70.0 PSF IF 2-1/2" SILL HEIGHT IS USED  
INT. (-) LOADS REMAIN UNCHANGED.

ANCHOR CHART			
SUBSTRATE		SCHEDULE 'A'	SCHEDULE 'B'
WOOD	HEAD	1/4" TAPCONS	5/16" TAPCONS
	SILL	1/4" TAPCONS	1/4" TAPCONS
	JAMB	1/4" TAPCONS	1/4" TAPCONS
CONCRETE	HEAD	1/4" TAPCONS	5/16" TAPCONS
	SILL	1/4" TAPCONS	1/4" TAPCONS
BLOCK	JAMB	1/4" TAPCONS	1/4" TAPCONS

NOTE: ALL CLIP ANCHORS = 1/4" DIA. (ITEM #10)  
MULLION ANCHORS = #12 SMS (NO SHIM SPACE)

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-98 (60 SEC. WIND) AND ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 06-0606-02  
Expiration Date: 08/18/2009  
By: *Lehag L. Chanda*  
Miami Dept. Product Control Division



DETAIL CLUSTER OF ANCHORS AT STILE ENDS

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

*[Signature]*  
SEP 20 2006

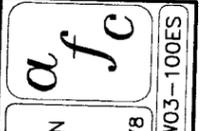
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)  
**E.S. WINDOWS**  
5220 N.W. 72 AVE. BAY #4  
MIAMI, FL. 33166  
TEL. (305) 640-9857 FAX. (305) 593-2074

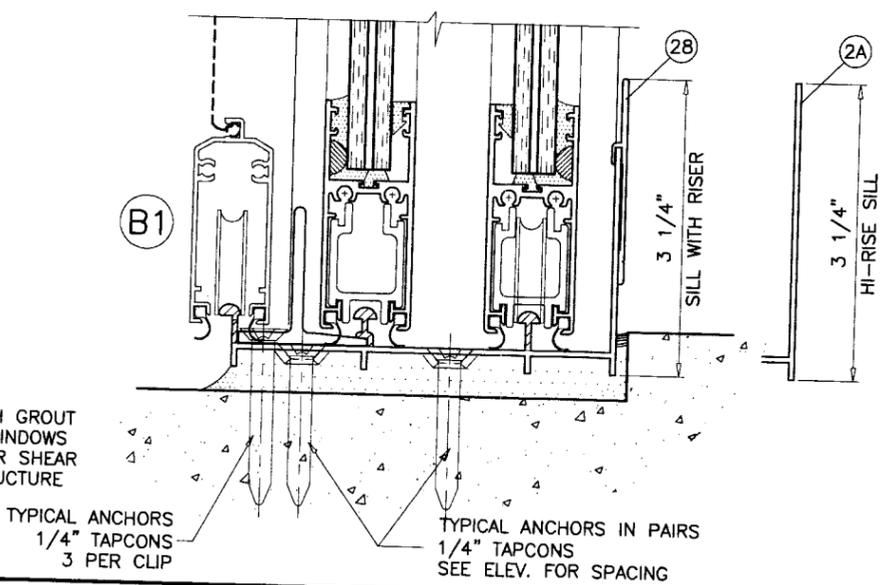
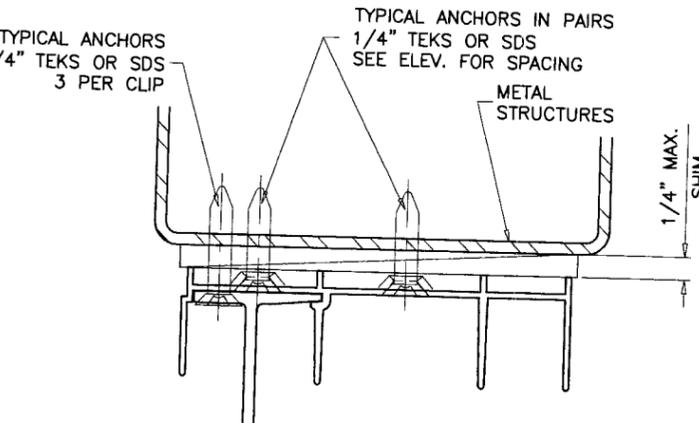
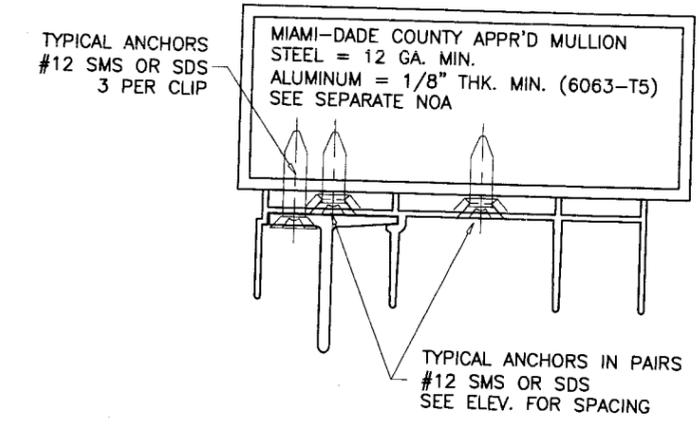
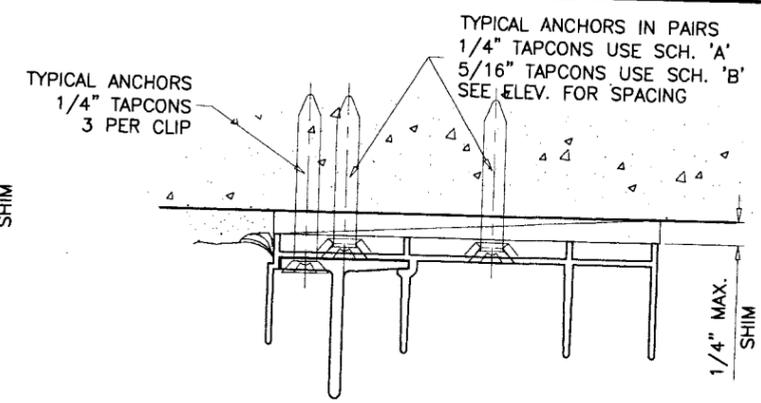
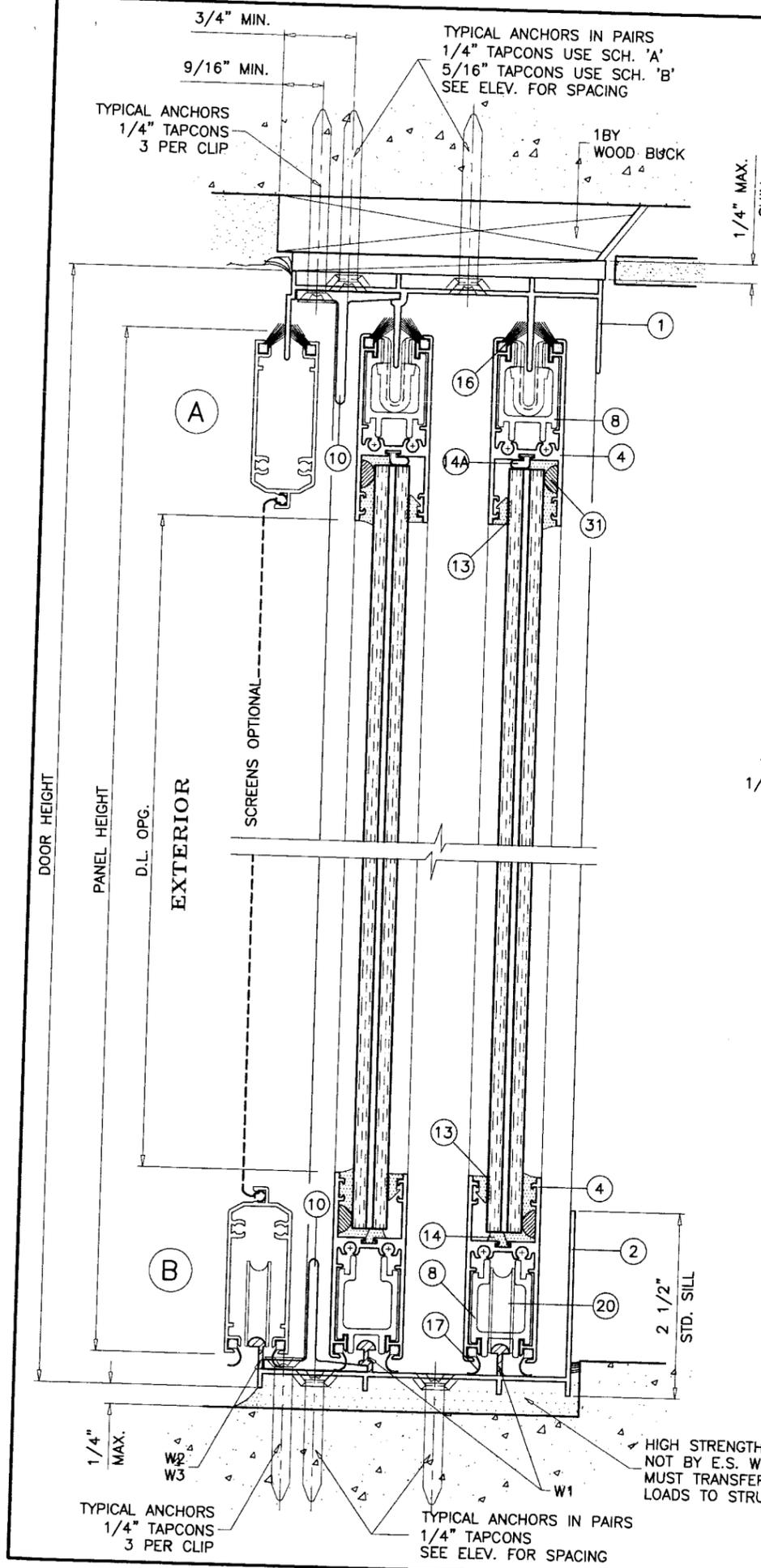
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B	11.02.04	SHEET ADDED
C	05.17.06	UPDATED FOR 2004 FBC
D	09.14.06	REV. PER BCCO COMMENTS

date: 11-08-03  
scale: 1/2" = 1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W03-100**  
sheet 2 of 7



COMP-ANL\W03-100ES



WOOD BUCKS AND METAL STRUCTURE NOT BY E.S. WINDOWS  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" TAPCONS OR 5/16" 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  
1-3/4" MIN. EMBED INTO CONC. OR MASONRY

**1/4" TEKS OR SELF DRILLING SCREWS**

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS**

INTO DADE COUNTY APPROVED MULLIONS  
(NO SHIM SPACE)

**MIN. EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = SEE DETAIL (A)

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD & SILL = fc' = 3000 PSI MIN.  
MASONRY BLOCK AT JAMBS = fm' = 1500 PSI MIN.

**SEALANT:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
WHITE/ALUMINUM COLORED SILICONE.

**WEEPHOLES:**

W1 = 1-3/4" WEEP NOTCH AT EACH END

W2 = 3/4" WEEP NOTCH AT EACH END

W3 = 3" X 1/4" WEEP HOLES AT 2" FROM EACH END

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 06-0606-02  
Expiration Date MAR 18, 2009  
By Iskag I. Chande  
Miami Dade Product Control  
Division

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

SEP 2 2006

**AL-FAROOQ CORPORATION**  
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COMP-ANL\W03-100ES

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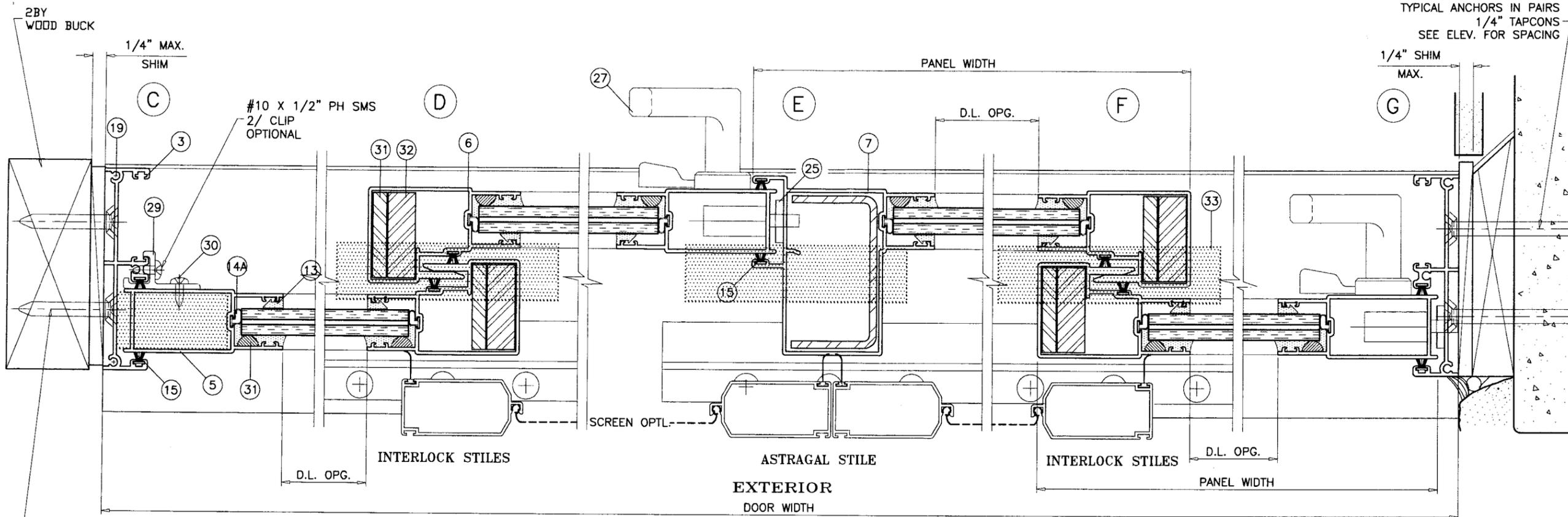
SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)

no	date	description
A	01.22.04	TAPCON MANUF. SPECIFIED
B	11.02.04	SILL DTL. REV.
C	05.17.06	UPDATED FOR 2004 FBC
D	09.14.06	REV. PER BCCO COMMENTS

revisions:

date: 11-08-03  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no. **W03-100**  
sheet 3 of 7

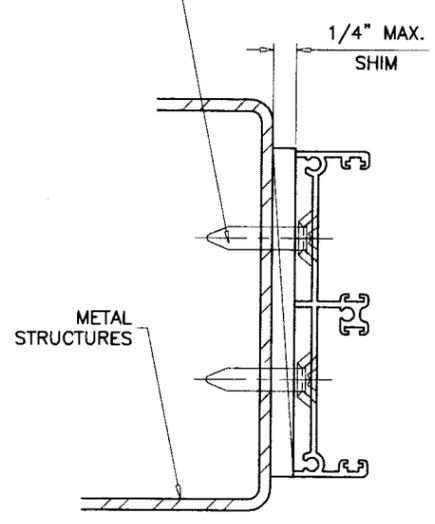
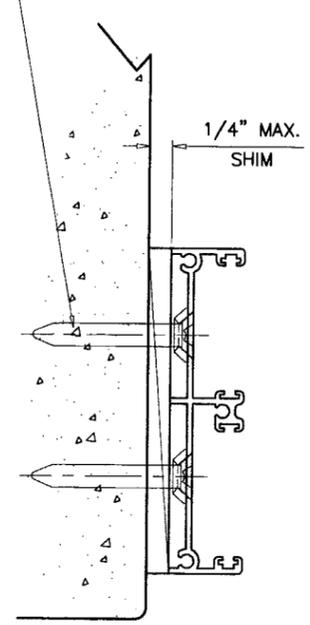


TYPICAL ANCHORS IN PAIRS  
1/4" TAPCONS  
SEE ELEV. FOR SPACING

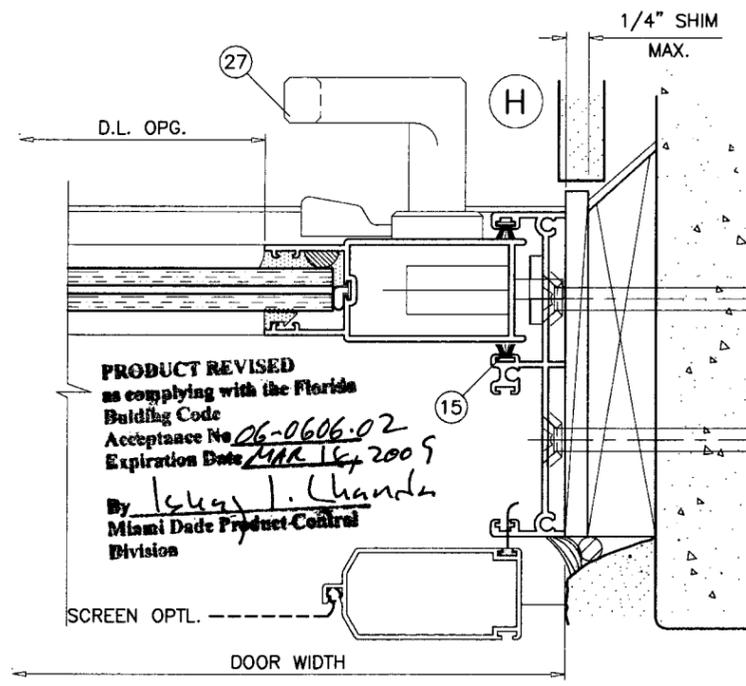
TYPICAL ANCHORS IN PAIRS  
1/4" TAPCONS  
SEE ELEV. FOR SPACING

TYPICAL ANCHORS IN PAIRS  
1/4" TAPCONS  
SEE ELEV. FOR SPACING

TYPICAL ANCHORS IN PAIRS  
#14 SMS OR SDS  
SEE ELEV. FOR SPACING



**HEAVY REINFORCING  
AT INTERLOCK & ASTRAGAL STILES**



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. *06-0606-02*  
Expiration Date *MAR 16, 2009*  
By *Isaac L. Chandra*  
Miami Dade Product Control  
Division

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

*SEP 26 2006*

**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\W03-100ES

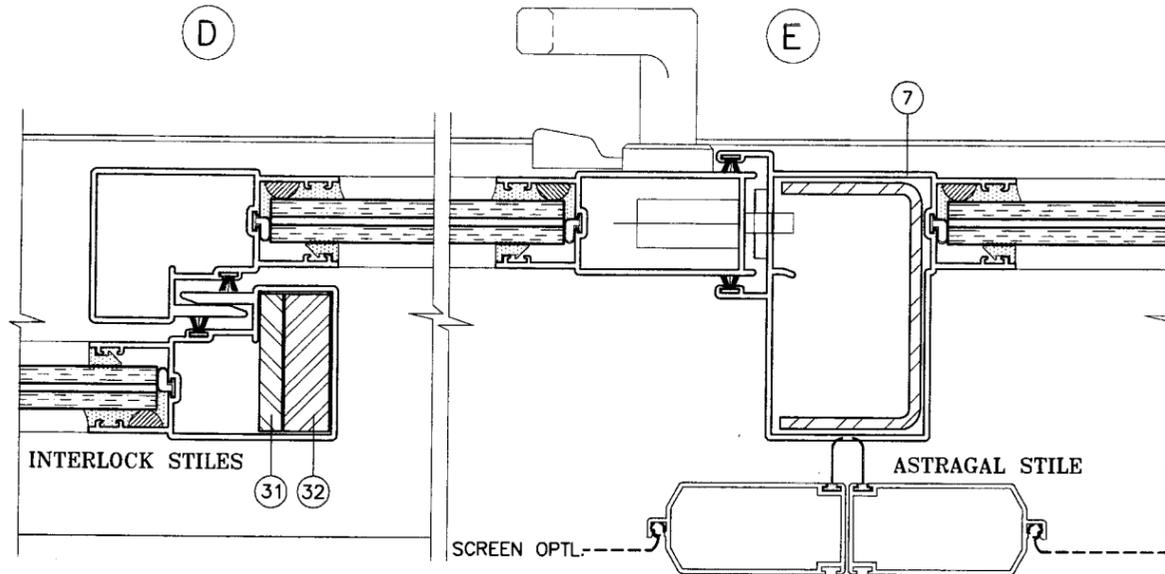
SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)  
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revisions:

no	date	by	description
A	01.22.04		NO CHANGE THIS SHEET
B	11.02.04		JAMB DTL. ADDED
C	05.17.06		UPDATED FOR 2004 FBC
D	09.14.06		REV. PER BCCO COMMENTS

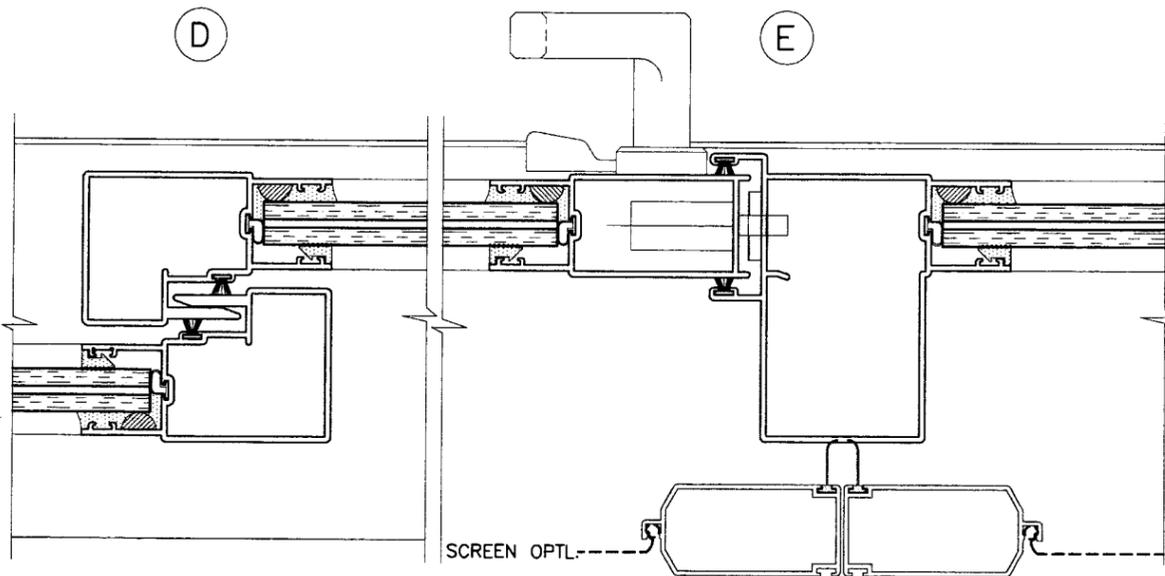
date:	11-08-03
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
**W03-100**  
sheet 4 of 7



**MEDIUM REINFORCING**  
AT EXT. INTERLOCK & ASTRAGAL STILES

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ES-4001-1	1	FRAME HEAD	6063-T5	-
2	ES-4002-1	1	STD. FRAME SILL	6063-T5	-
2A	-	1	HI-RISE FRAME SILL	6063-T5	-
3	ES-4003-1	1	FRAME JAMB	6063-T5	-
4	ES-4004-1	2/ PANEL	TOP AND BOTTOM RAIL	6063-T5	-
5	ES-4005-1	AS REQD.	LOCK STILE	6063-T5	-
6	ES-4006-1	AS REQD.	INTERLOCK	6063-T5	-
7	ES-4007-1	AS REQD.	FEMALE ASTRAGAL	6063-T5	-
8	ES-4008	AS REQD.	TOP & BOTTOM RAIL STIFFENER	6063-T6	-
9	ES-4009	2/ PANEL	PANEL GUIDE (TOP ONLY)	CELCON	NOT SHOWN
10	ES-4010	2/ PANEL	RETAINER CLIP, 6" LONG	6063-T5	-
13	ES-4013	AS REQD.	GLAZING WEDGE	-	-
14	ES-4014	AS REQD.	BOTTOM RAIL GLASS STOP	NEOPRENE	-
14A	ES-4019	AS REQD.	SILICONE STOP	NEOPRENE	-
15	W22241NG	AS REQD.	STILE & JAMB W'STRIPPING	-	GLASS PANELS, ULTRAFAB
16	Q26647DK	AS REQD.	TOP RAIL W'STRIPPING	-	GLASS PANELS, ULTRAFAB
17	ES-4015	AS REQD.	BOTTOM RAIL W'STRIPPING	VINYL	GLASS PANELS
19	#10X1-1/4" PH SMS	8/ PANEL	PANEL ASSY SCREWS	-	GLASS PANELS
19A	#10X1" FH SMS	2/ CORNER	FRAME ASSY SCREWS	-	-
20	TA-35-1935-4281	2/ MOV. PANEL	GLASS PANEL ROLLER ASSY.	ST. STEEL	1-1/4" O.D. WHEELS
21	#10X1-1/4" PH SMS	1/ ROLLER	ROLLER INST. SCREWS	-	GLASS PANELS ONLY
23	2300-10SS	1/ MOV. PANEL	MORTISE LOCK	ST. STEEL	-
24	-	2/ LOCK	LOCK INSTALLATION SCREW	-	#6-32 X 1/2" FH MS, ST. STEEL
25	537	1/ LOCK	LOCK STRIKE PLATE	PLATED STEEL	-
26	#10 PH SMS	2/ LOCK	STRIKE PLATE MOUNT. SCREW	-	NOT SHOWN
27	#623Z	1/ LOCK	INTERIOR AND EXTERIOR PULL	-	(3) #6-32 X 1/2" FH MS, ST. STEEL
28	ES4028	AS REQD.	SILL RISER	6063-T5	-
29	ES-4017	2/ PANEL	FIXED PANEL CLIP	6063-T5	-
30	#10X1/2" PH SMS	2/ CLIP	FIXED PANEL CLIP FASTENER	-	-
31	-	AS REQD.	1/4" X 1-1/2" REINFORCING BAR	STEEL	-
32	-	AS REQD.	1/2" X 1-1/2" REINFORCING BAR	STEEL	-
33	-	AS REQD.	1"X4" LONG SELF ADHESIVE PILE PAD	WOOL	AT HEAD AND SILL



**NO REINFORCING**

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 06-0606-02  
Expiration Date MAR 18, 2009  
By Ishag I. Chanda  
Miami Dade Product Control  
Division

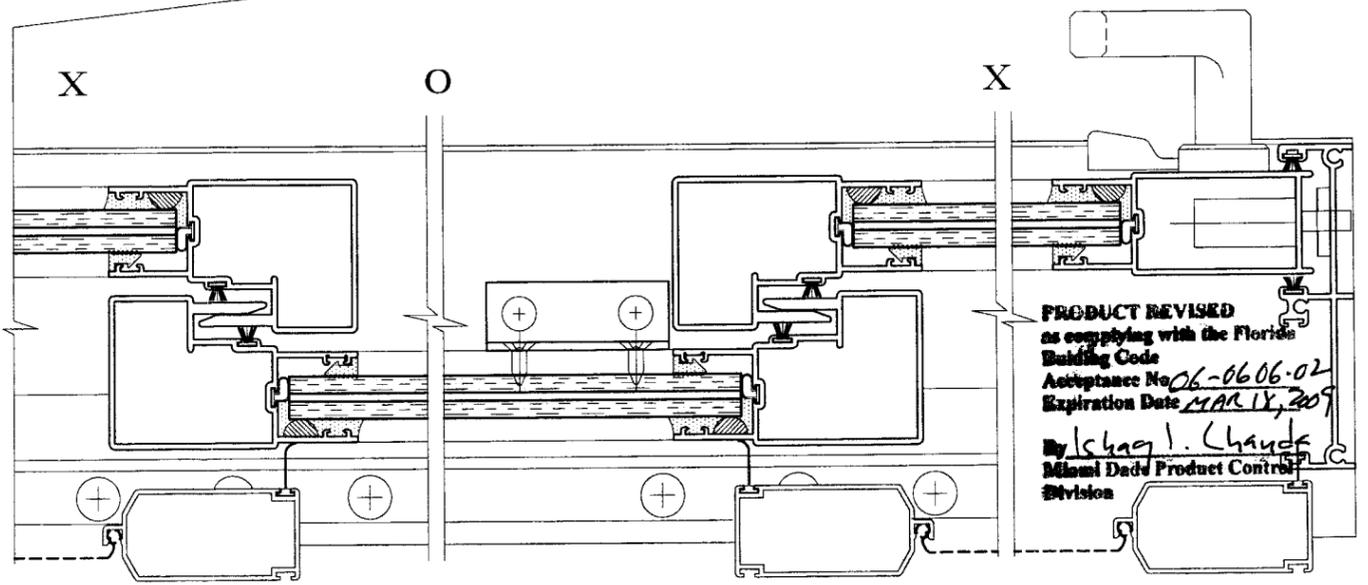
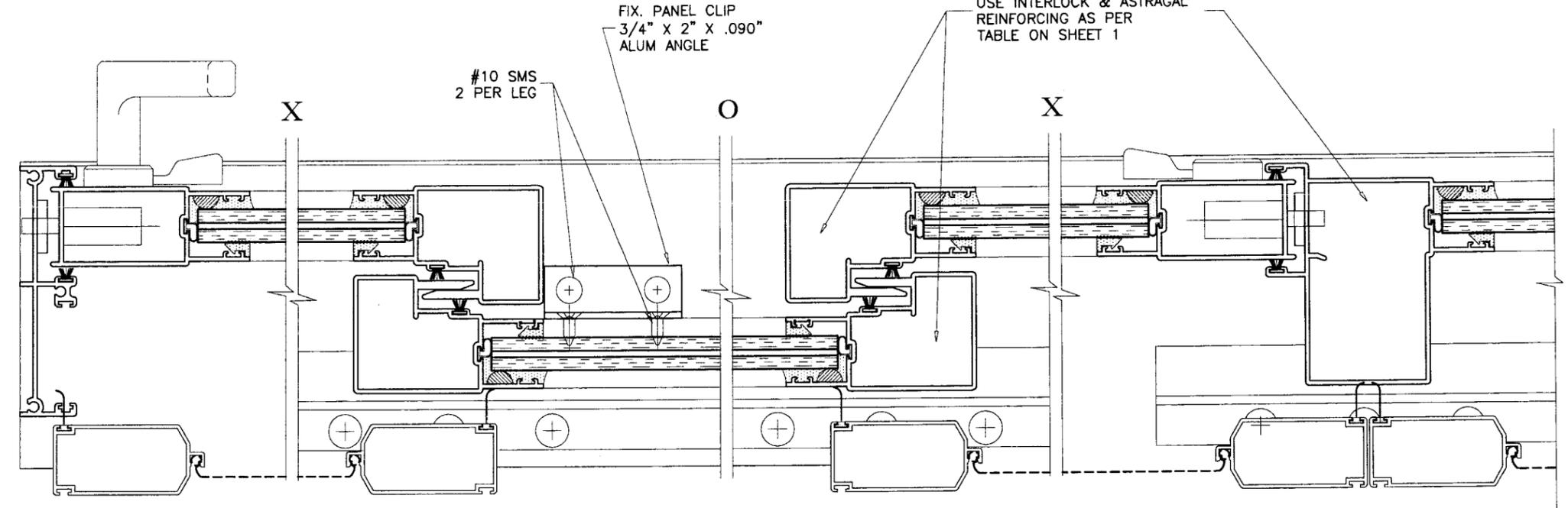
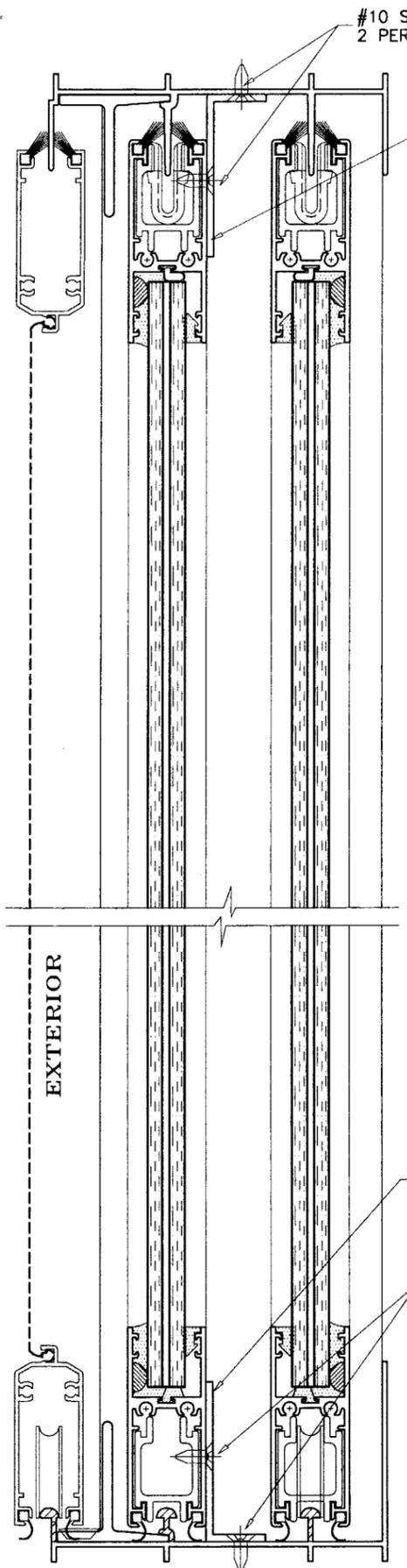
Engr: DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538

*[Signature]*  
SEP 20 2008

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W03-100ES

SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)  
**E.S. WINDOWS**  
5220 N.W. 72 AVE. BAY #4  
MIAMI, FL. 33166  
TEL. (305) 640-9857 FAX. (305) 593-2074

date: 11-08-03	scale: 1/2" = 1"	dr. by: HAMID	chk. by:	
drawing no. <b>W03-100</b>	sheet 5 of 7			
revisions:	no	date	by	description
	A	01.22.04		NO CHANGE THIS SHEET
	B	11.02.04		HI-RISE SILL ADDED
	C	05.17.06		NO CHANGE THIS SHEET
	D	09.14.06		REV. PER BCCO COMMENTS



XOXXOX CONFIGURATION

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

*[Signature]*  
 SEP 20 2006

NOTE:  
 USE INTERLOCK & ASTRAGAL  
 REINFORCING AS PER  
 TABLE ON SHEET 1

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0606-02  
 Expiration Date MAR 19, 2009  
 By Iskhan J. Chaudhry  
 Miami Dad Product Control  
 Division

*afc*

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SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)

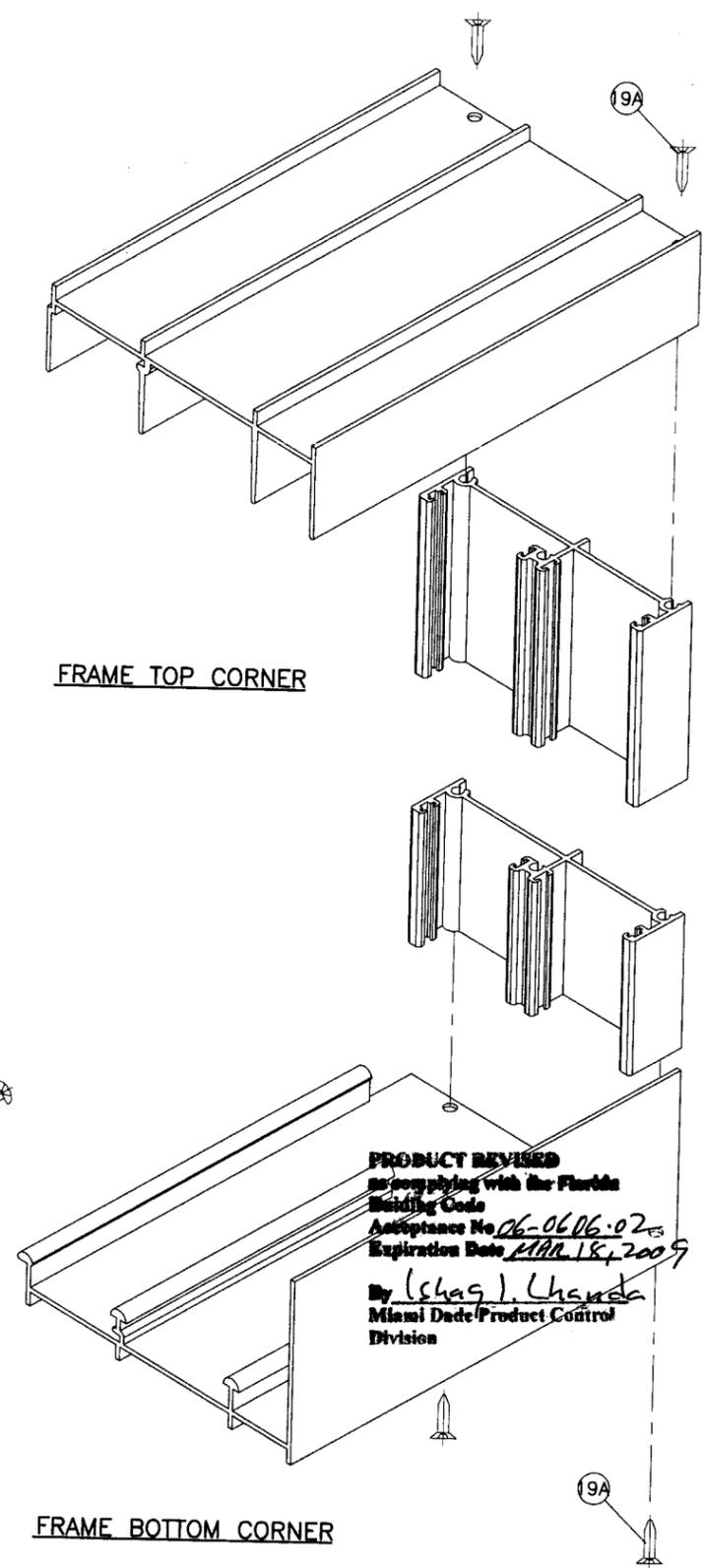
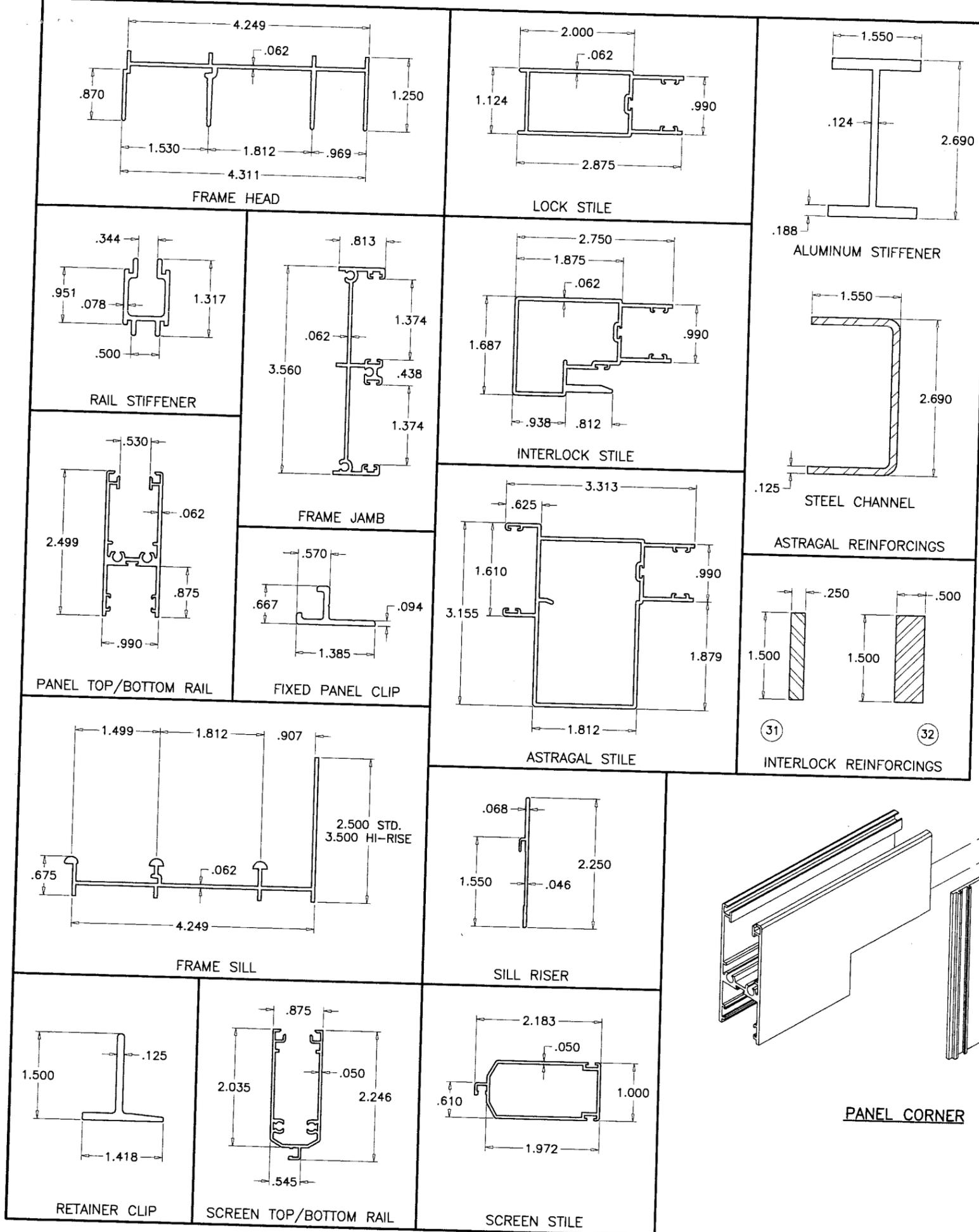
**E.S. WINDOWS**  
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revisions:	no	date	by	description
	D	09.14.06		REV. PER BCCO COMMENTS

date: 11-08-03  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W03-100**

sheet 6 of 7



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

SEP 2 2006

**afc**

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SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)

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drawing no. **W03-100**  
 sheet 7 of 7