



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1107**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2902 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Atrium Florida, Inc.**  
**9001 Ambassador Row**  
**Dallas, Texas 75247**

**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 "MSD/ M2-3 XHP" Aluminum Sliding Glass Door – N.I.**

**APPROVAL DOCUMENT:** Drawing No. **W09-63**, titled Series **"MSD/ M2-3 XHP" Aluminum Sliding Glass Door (N. I.)**, sheets 1 through 9 of 9, dated 12/22/09, with revision **"A"** dated 03/25/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None.**

**LIMITATIONS:** Miami-Dade County Product Control Approved Shutters Or Protection Devices Shall Be Required.

**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.

**REVISION** 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 **renews NOA No. 08-0417.04** 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 **Jaime D. Gascon, P. E.**



*J. Gascon*  
*4/28/10*

**NOA No. 10-0224.05**  
**Expiration Date: May 12, 2015**  
**Approval Date: April 28, 2010**  
**Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W09-63**, titled Series "**MSD/ M2-3 XHP**" **Aluminum Sliding Glass Door (N. I.)**", sheets 1 through 9 of 9, dated 12/22/09, with revision "**A**" dated 03/25/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of aluminum sliding glass doors, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA 1991W**, dated October 28, 2009, signed and sealed by Ramesh C. Patel, 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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with manufacturer's parts and section drawing marked-up by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2348**, dated June 25, 1999, witnessed by late Gilbert Diamond, P. E., reviewed, signed and sealed by Jose D. Mitrani, P. E. *(Submitted under previous NOA No.99-1116.09)*
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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with manufacturer's parts and section drawing marked-up by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2080**, dated June 30, 1998, witnessed, signed and sealed by Gilbert Diamond, P. E. *(Submitted under previous NOA No.99-1116.09)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated January 12, 2010, signed and sealed by Javad Ahmad, P. E.  
**Complies with ASTM E1300-04**



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 10-0224.05  
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Atrium Florida, Inc.

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**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

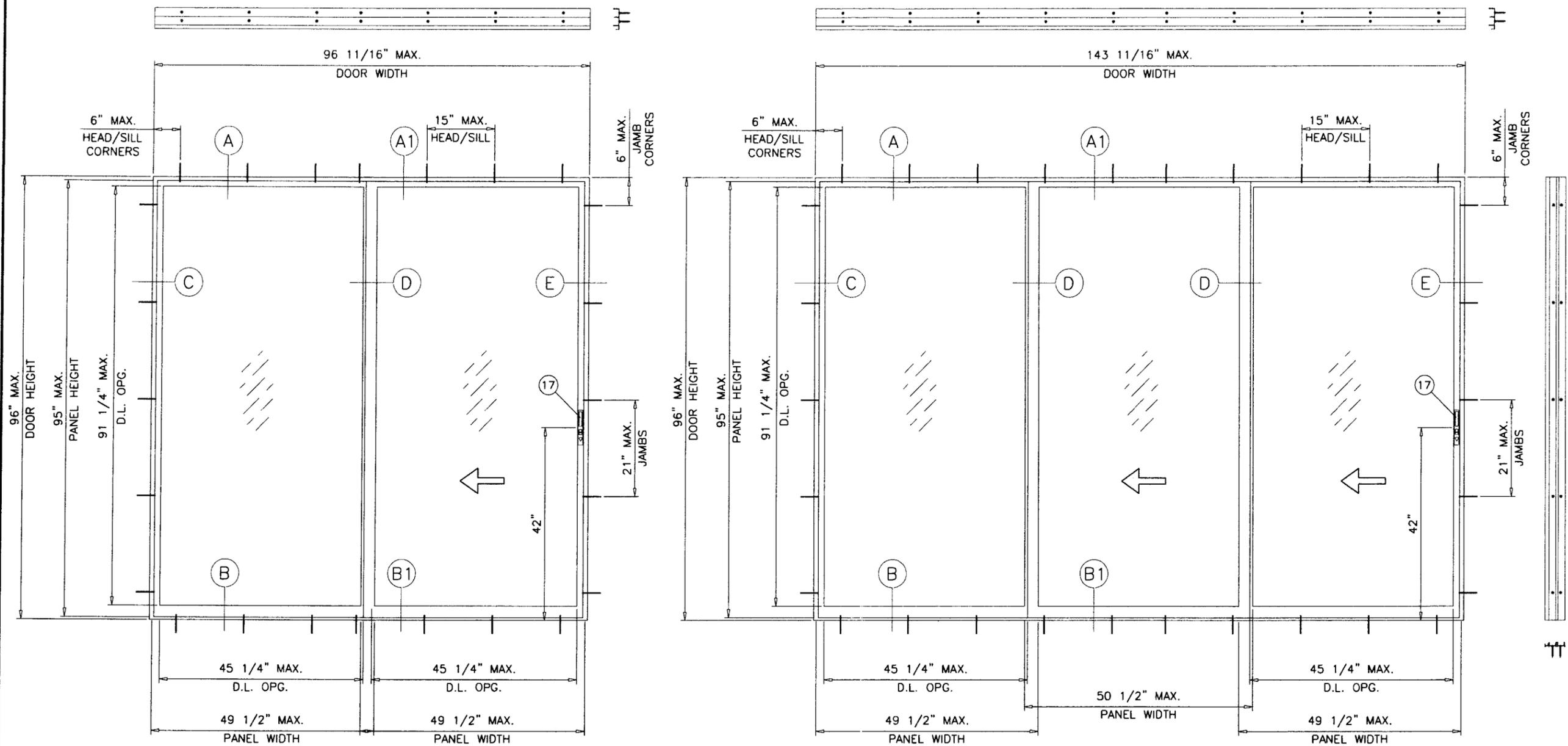
1. Statement letter of conformance and no financial interest, dated February 02, 2010, signed and sealed by Javad Ahmad, P. E.
2. Laboratory addendum letter for Test Report No. **CTLA 1991W**, issued by Certified Testing Laboratories, Inc., dated March 19, 2010, signed and sealed by Ramesh C. Patel, P. E.
3. Laboratory compliance letter for Test Report No. **CTLA 1991W**, issued by Certified Testing Laboratories, Inc., dated October 28, 2009, signed and sealed by Ramesh C. Patel, P. E.
4. Laboratory compliance letter for Test Reports No.'s **FTL-2348** and **FTL-2080**, issued by Fenestration Testing Laboratory, Inc., dated September 26, 1997, both signed and sealed by Gilbert Diamond, P. E.  
*(Submitted under previous NOA No.99-1116.09)*

**G. OTHERS**

1. Notice of Acceptance No. **08-0417.04**, issued to Atrium Florida, Inc. their Series "**M2-XHP Aluminum Sliding Glass Door-N.I.**", approved on 05/22/08 and expiring on 05/12/09.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 10-0224.05  
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**TYPICAL ELEVATION**  
TESTED UNITS

**SERIES MSD/M2-3 XHP**  
**ALUMINUM SLIDING GLASS DOOR**

DESIGN LOAD RATINGS FOR THESE DOORS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THESE DOORS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY/HVHZ APPROVED PRODUCTS USING MIAMI-DADE COUNTY/HVHZ APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, DOORS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 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 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

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 MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*J.A.*  
MAR 8 2010

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 10-0224.05  
Expiration Date 05/12/2015

By *[Signature]*  
Miami Dade Product Control

**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL W09 - 63AFT

MSD/M2-3 XHP ALUM SLIDING GLASS DOOR (N.I.)  
**TRIUM FLORIDA, INC.**  
9001 AMBASSADOR ROW  
DALLAS, TX. 75247  
TEL. (214) 637-2696 FAX. (-)

revisions:	no	date	by	description
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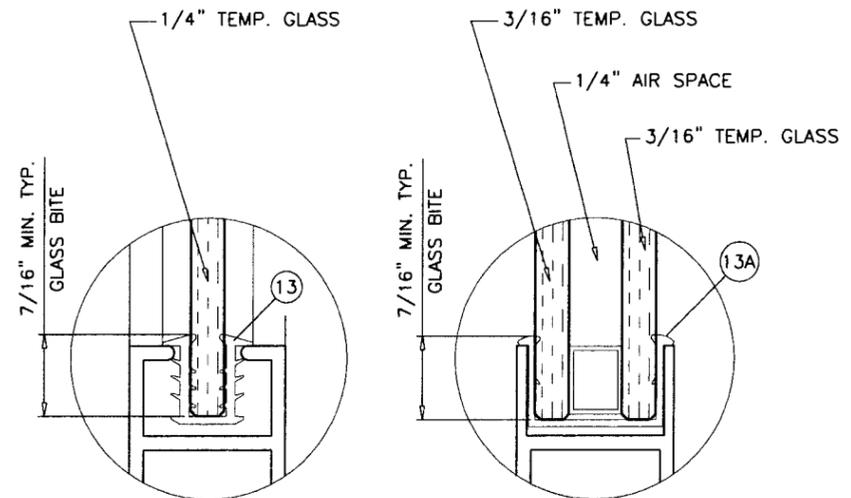
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dr. by: HAMID  
chk. by:

drawing no.  
**W09-63**  
sheet 1 of 9

DESIGN LOAD CAPACITY - PSF 2 PANEL DOORS					
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	ANCHORS TYPE 'A'		ANCHORS TYPE 'B'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	70.0	73.4	70.0	75.0
3/0		64.1	64.1	70.0	75.0
3/6		57.7	57.7	70.0	75.0
4/0		53.2	53.2	70.0	75.0
2/6	7/0	69.1	69.1	70.0	75.0
3/0		60.2	60.2	70.0	75.0
3/6		54.1	54.1	70.0	75.0
4/0		49.7	49.7	70.0	75.0
2/6	8/0	58.9	58.9	70.0	75.0
3/0		51.0	51.0	70.0	75.0
3/6		45.4	45.4	70.0	73.7
4/0		41.4	41.4	67.2	67.2

DESIGN LOAD CAPACITY - PSF 3 PANEL DOORS					
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	ANCHORS TYPE 'A'		ANCHORS TYPE 'B'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	65.0	65.0	65.0	65.0
3/0		64.1	64.1	65.0	65.0
3/6		57.7	57.7	65.0	65.0
4/0		53.2	53.2	65.0	65.0
2/6	7/0	65.0	65.0	65.0	65.0
3/0		60.2	60.2	65.0	65.0
3/6		54.1	54.1	65.0	65.0
4/0		49.7	49.7	65.0	65.0
2/6	8/0	58.9	58.9	65.0	65.0
3/0		51.0	51.0	65.0	65.0
3/6		45.4	45.4	65.0	65.0
4/0		41.4	41.4	65.0	65.0

ALL EXTERIOR(+) LOADS SHOWN IN CHARTS ABOVE ARE FOR DOORS WITH 3" SILL HEIGHTS.  
FOR 2-1/2" SILL HEIGHT LIMIT EXT.(+) LOADS TO 55.0 PSF  
FOR 2" SILL HEIGHT LIMIT EXT.(+) LOADS TO 40.0 PSF



GLAZING DETAILS  
SCALE 1 : 1

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

TYPICAL ANCHORS TYPE 'A': SEE ELEV. FOR SPACING

3/16" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)  
3/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" 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

TYPICAL ANCHORS TYPE 'B': SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)  
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" 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  
1-1/2" MIN. EMBED INTO CONC. OR MASONRY  
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)  
INTO MIAMI-DADE COUNTY/HVHZ APPROVED MULLIONS (1/8" THK. MIN.)  
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)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-7/8" MIN. (3/16" DIA. ANCHORS)  
INTO CONCRETE AND MASONRY = 2-1/2" MIN. (1/4" DIA. ANCHORS)  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
MAR 30 2010

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-0224-05  
Expiration Date 05/12/2015  
By: [Signature]  
Miami Dade Product Control

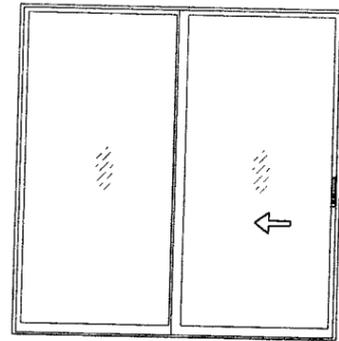
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AL-FAROOQ CORPORATION  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL \ W09 - 63AFI

MSD/M2-3 XHP ALUM SLIDING GLASS DOOR (N.I.)  
TRIUM FLORIDA, INC.  
9001 AMBASSADOR ROW  
DALLAS, TX. 75247  
TEL. (214) 637-2696 FAX. (-)

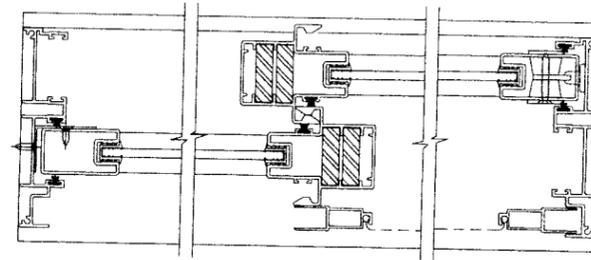
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chk. by:

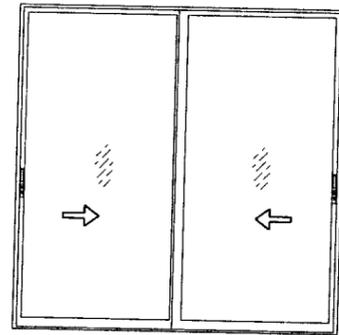
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sheet 2 of 9



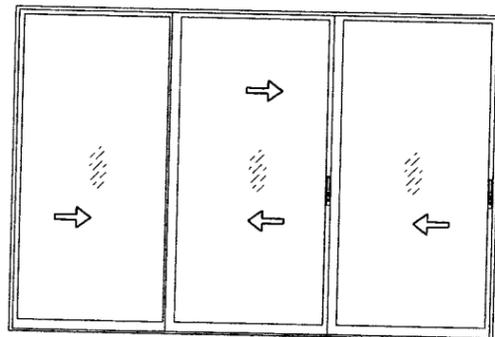
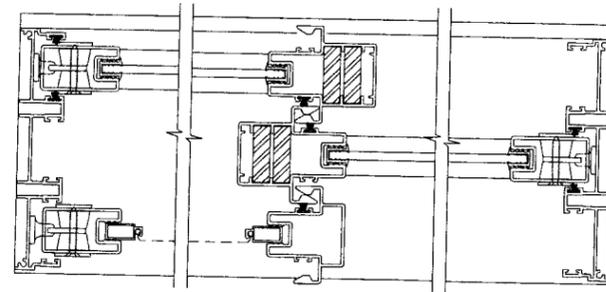
OX (SHOWN)  
XO



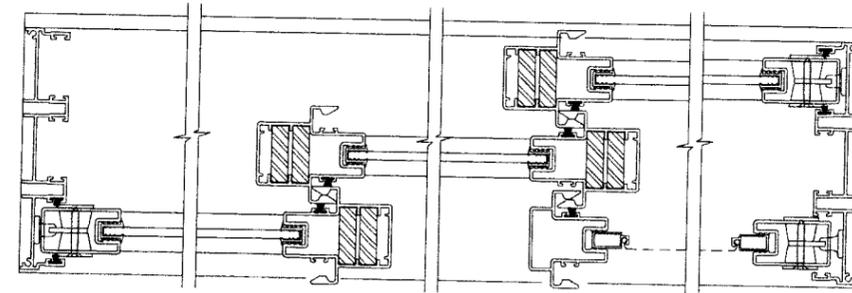
APPROVED CONFIGURATIONS  
2 TRACK



XX (SHOWN)  
OX  
XO



XXX (SHOWN)  
OXX  
XXO  
OXO



APPROVED CONFIGURATIONS  
3 TRACK

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

MAR 30 2010

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Expiration Date 05/12/2015

By *[Signature]*  
Miami Dade Product Control  
Division

**afc**

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MSD/M2-3 XHP ALUM SLIDING GLASS DOOR (N.I.)

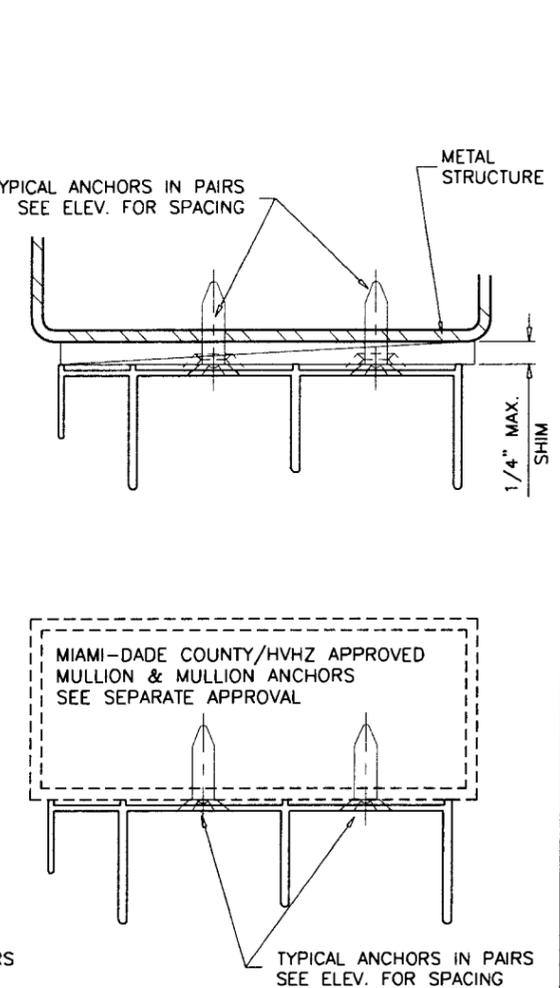
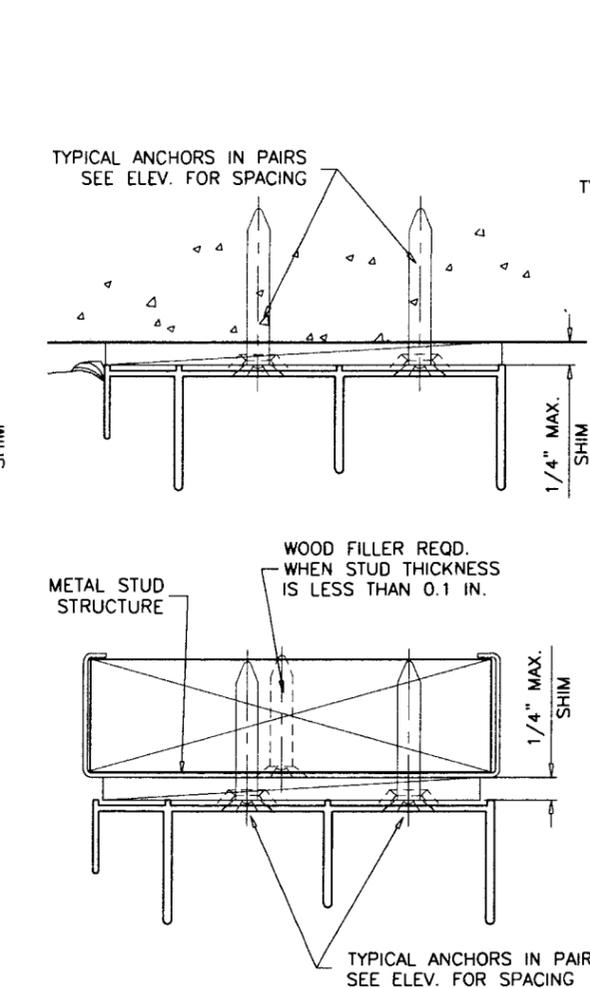
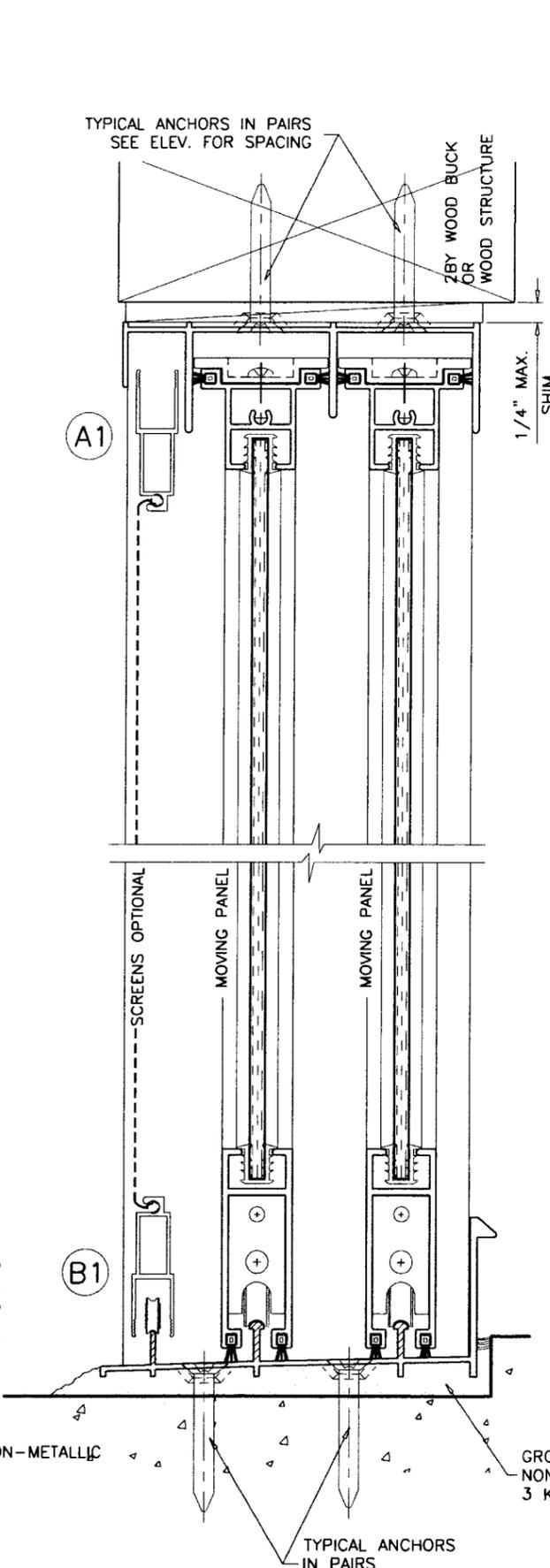
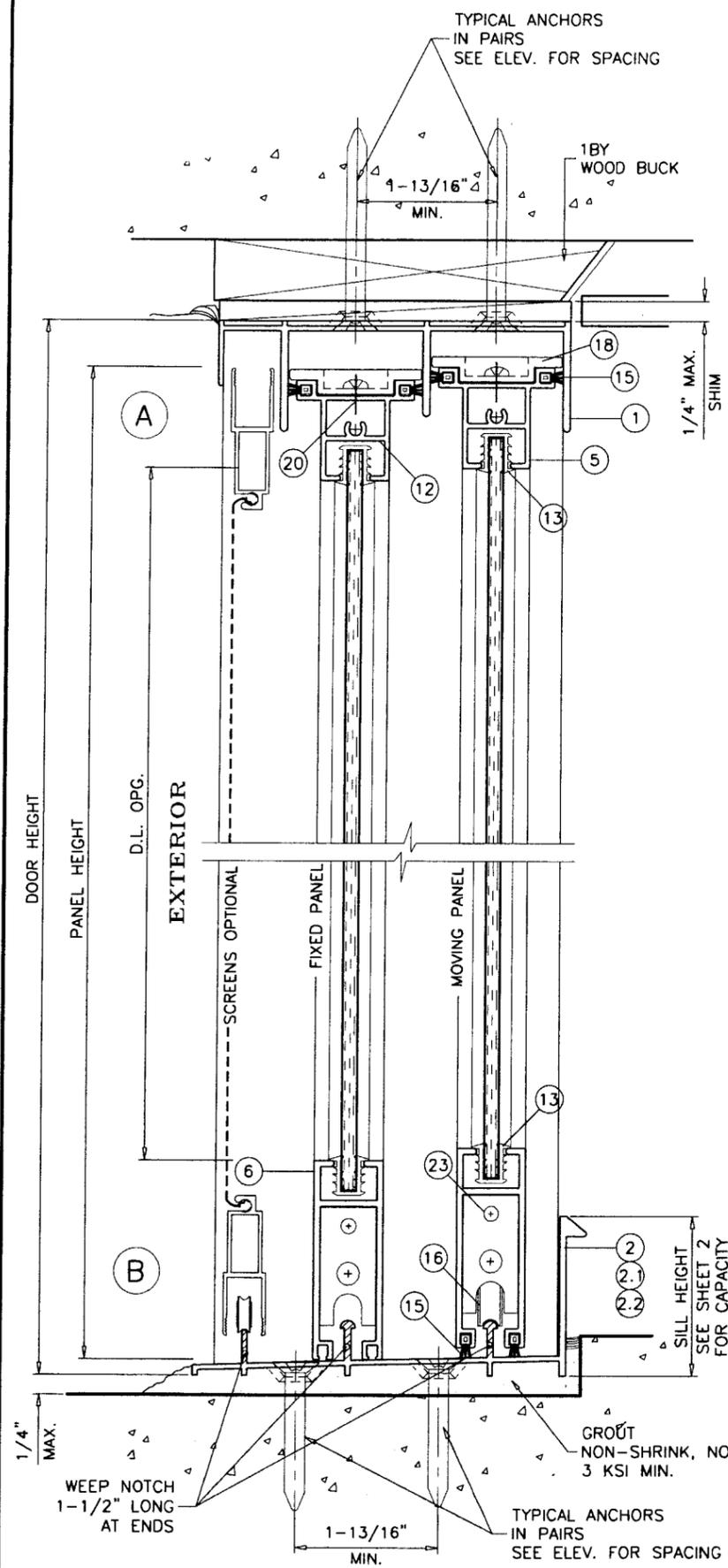
**ATRIUM FLORIDA, INC.**  
9001 AMBASSADOR ROW  
DALLAS, TX. 75247  
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dr. by: HAMID  
chk. by:

drawing no.  
**W09-63**

sheet 3 of 9



WOOD BUCKS, METAL STUDS AND METAL STRUCTURE NOT BY ATRIUM  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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2 TRACK DOOR DETAILS

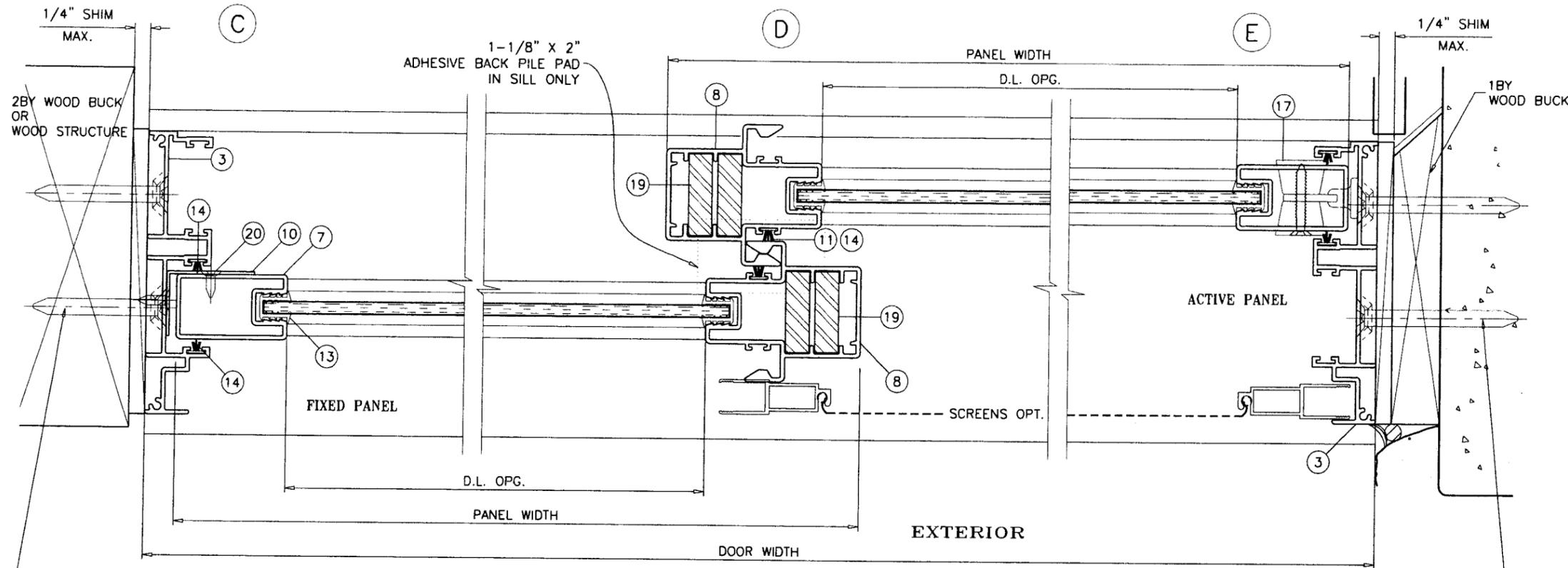
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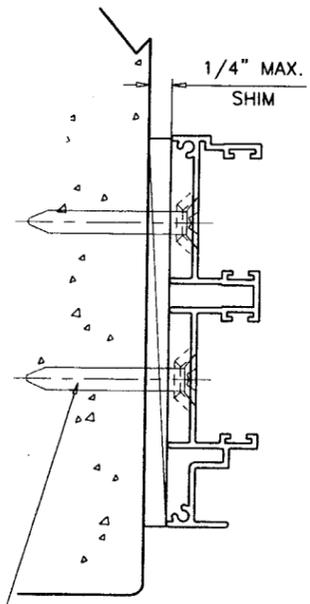
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sheet 4 of 9

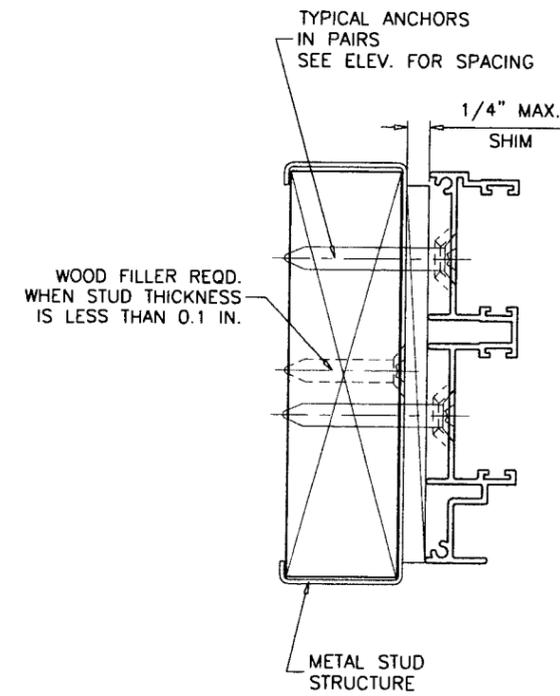


TYPICAL ANCHORS  
IN PAIRS  
SEE ELEV. FOR SPACING

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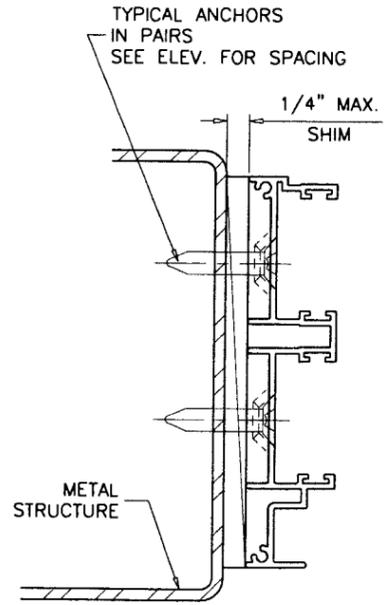


TYPICAL ANCHORS  
IN PAIRS  
SEE ELEV. FOR SPACING



WOOD FILLER REQD.  
WHEN STUD THICKNESS  
IS LESS THAN 0.1 IN.

METAL STUD  
STRUCTURE



METAL  
STRUCTURE

2 TRACK DOOR DETAILS

Engr: JAVAD AHMAD  
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BY *Javad Ahmad*  
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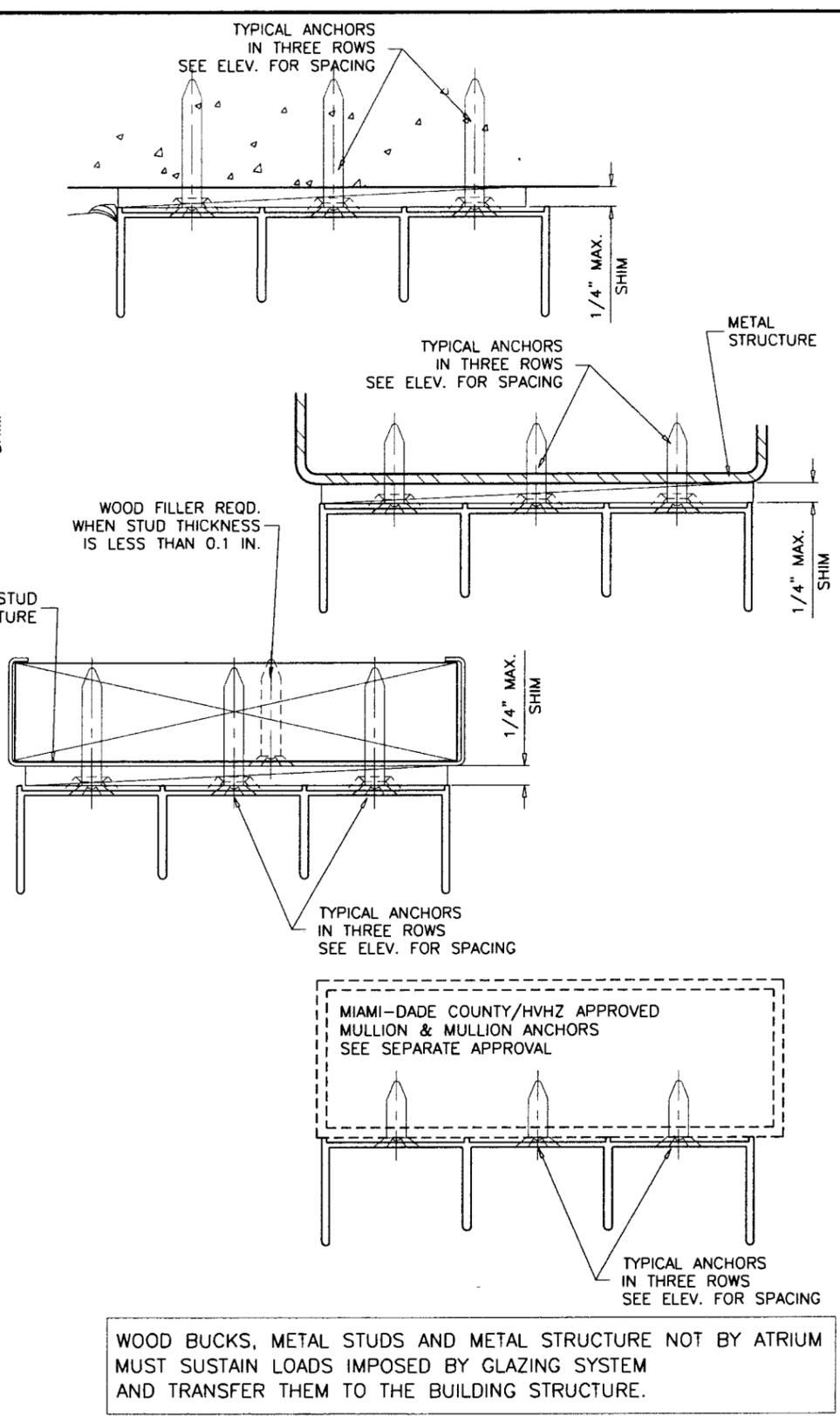
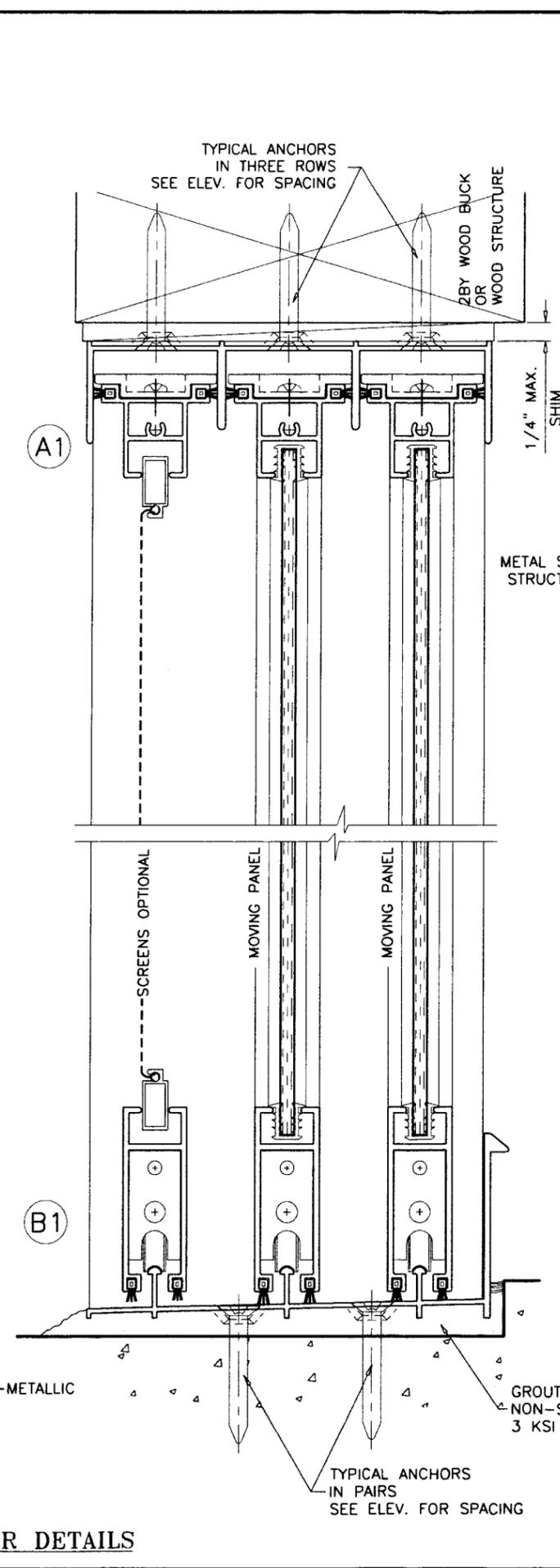
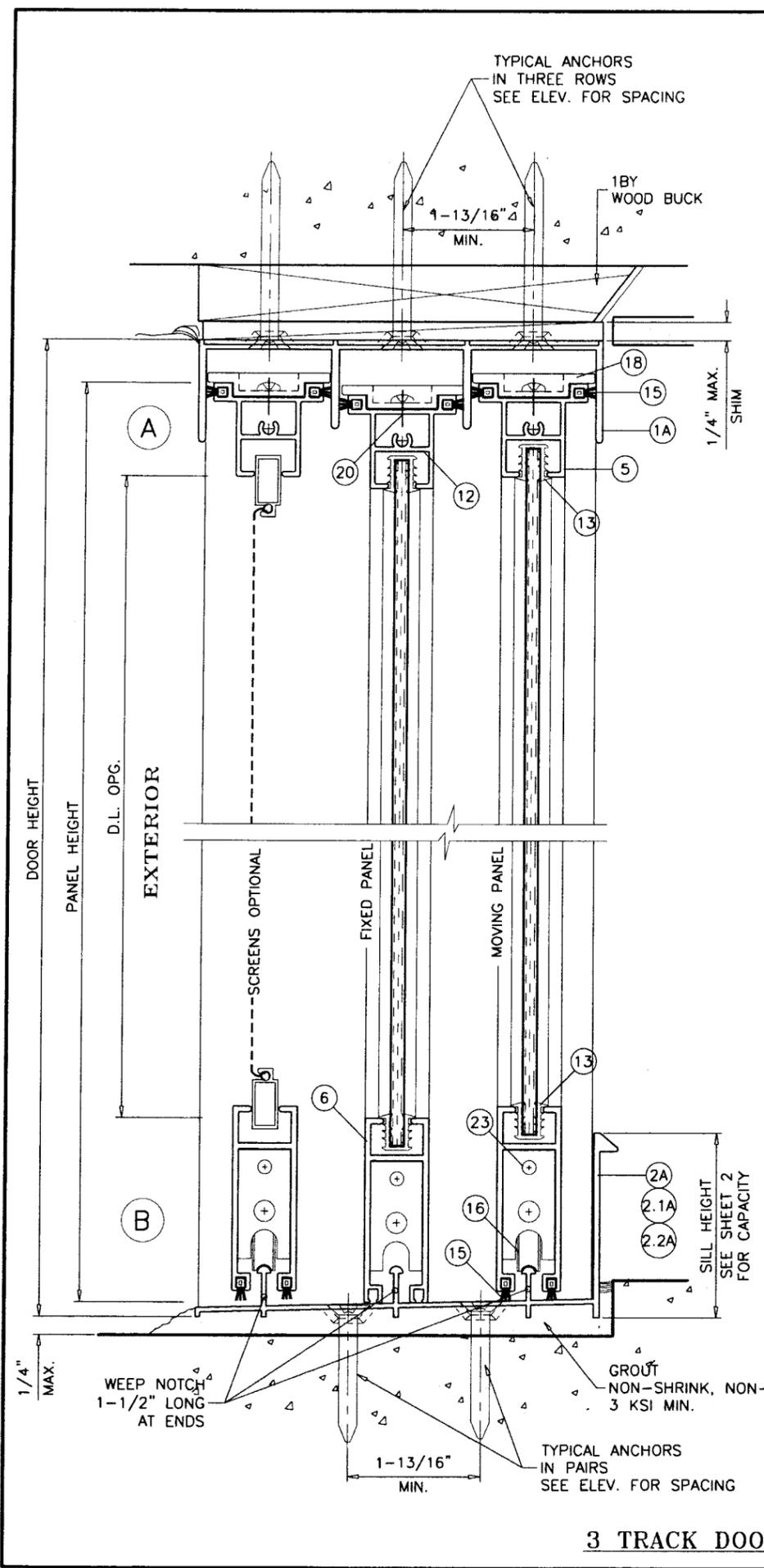
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revisions:

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A	03.25.10	NO CHANGE THIS SHEET

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sheet 5 of 9



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By *[Signature]*  
Miami Dade Product Control Division

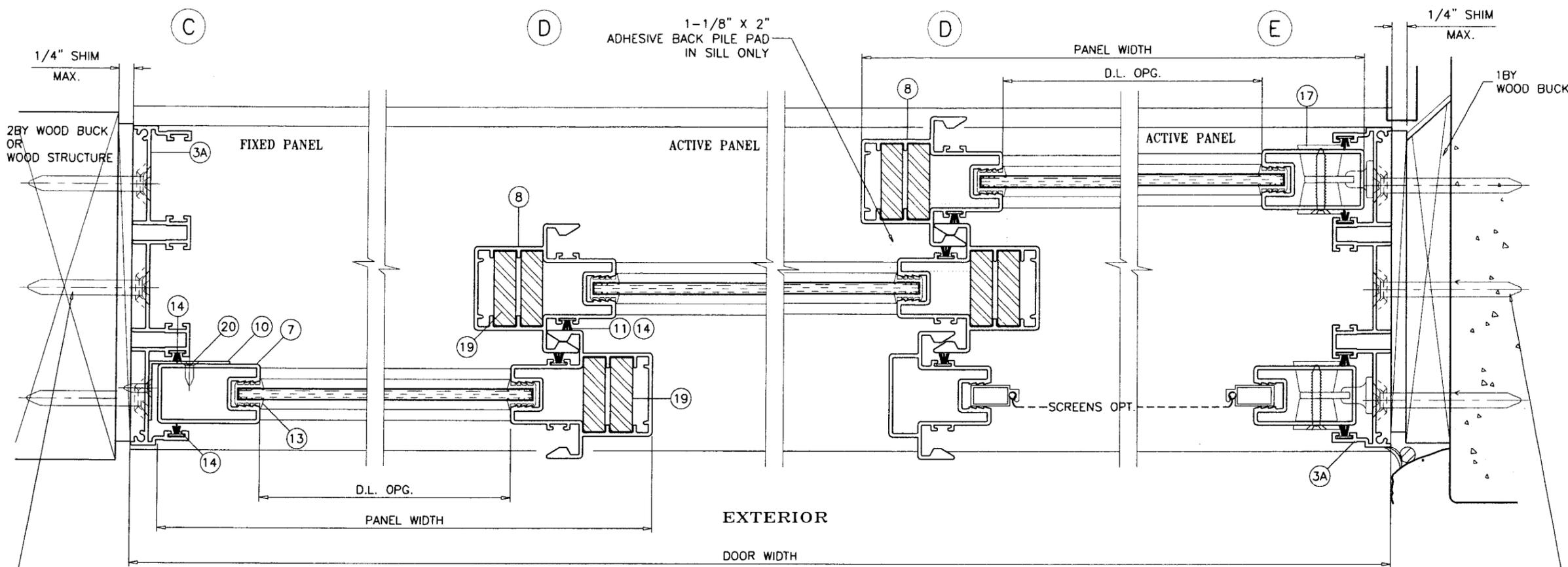
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL \ W09 - 63AF1

MSD/M2-3 XHP ALUM SLIDING GLASS DOOR (N.I.)  
**ATRIUM FLORIDA, INC.**  
9001 AMBASSADOR ROW  
DALLAS, TX. 75247  
TEL. (214) 637-2696 FAX. (-)

NO.	DATE	DESCRIPTION	REV.	PER	COMMENTS
A	03.25.10				

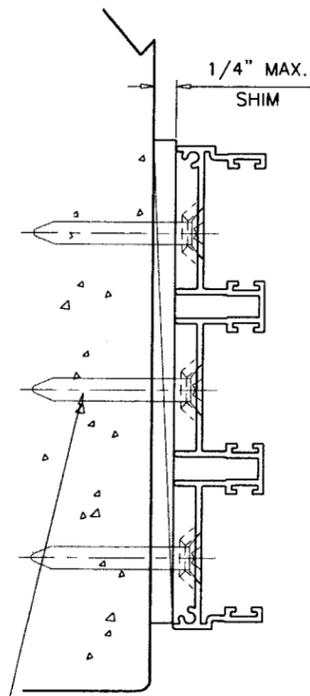
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dr. by: HAMID  
chk. by:

drawing no.  
**W09-63**  
sheet 6 of 9

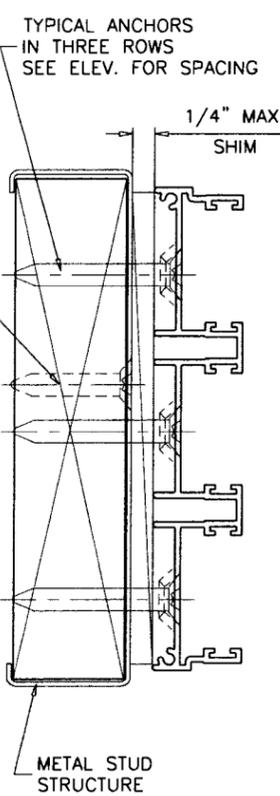


TYPICAL ANCHORS  
IN THREE ROWS  
SEE ELEV. FOR SPACING

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SEE ELEV. FOR SPACING

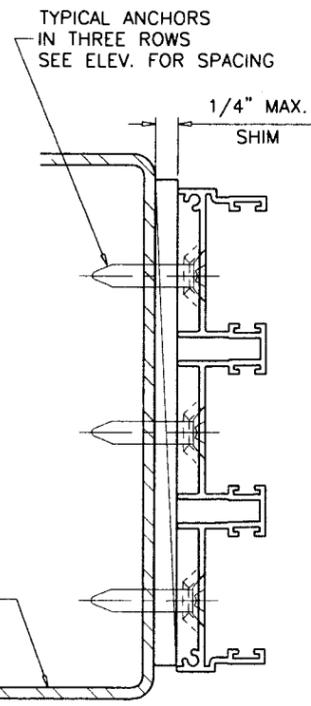


TYPICAL ANCHORS  
IN THREE ROWS  
SEE ELEV. FOR SPACING



WOOD FILLER REQD.  
WHEN STUD THICKNESS  
IS LESS THAN 0.1 IN.

METAL STUD  
STRUCTURE



METAL  
STRUCTURE

3 TRACK DOOR DETAILS

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*J. Ahmad*  
MAR 30 2010

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-0224-05  
Expiration Date 05/12/2015

By *J. Ahmad*  
Miami Dade Product Control  
Division

**af c**  
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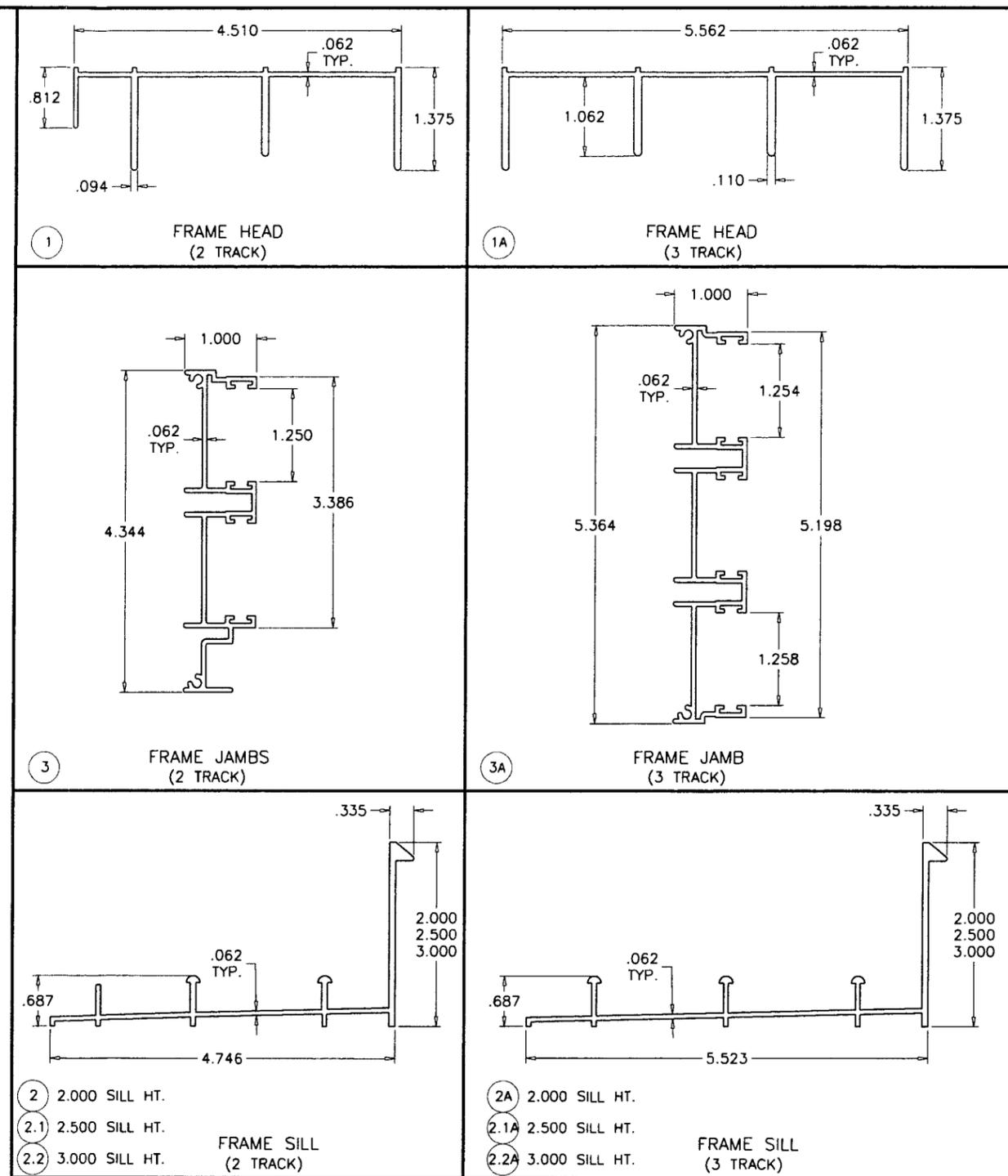
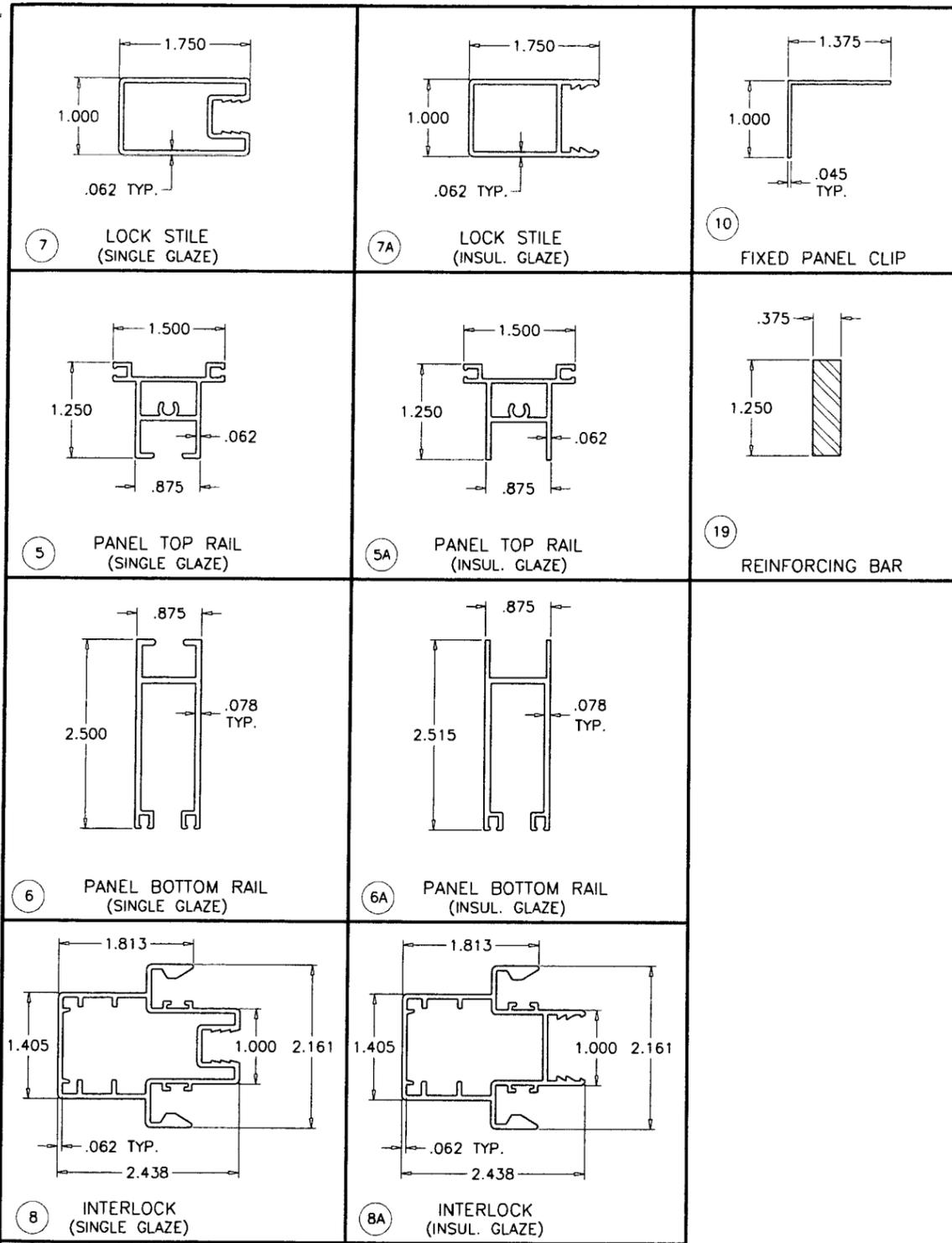
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revisions:

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

drawing no.  
**W09-63**

sheet 7 of 9



**af c**  
**AL-FAROOQ CORPORATION**  
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 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP - ANL W09 - 63AFT

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**ATRIUM FLORIDA, INC.**  
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 DALLAS, TX. 75247  
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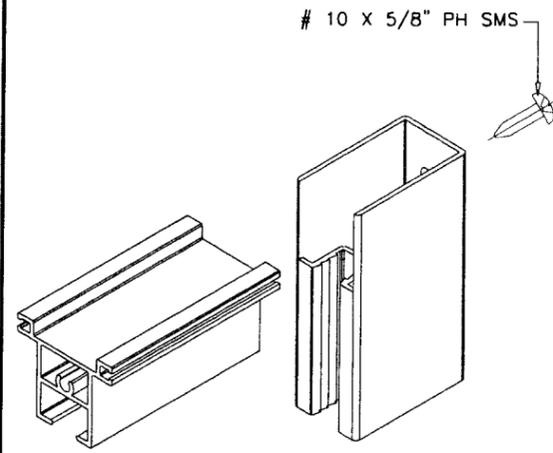
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A	03.25.10		REV. PER BCCO COMMENTS

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
  
 MAR 30 2010

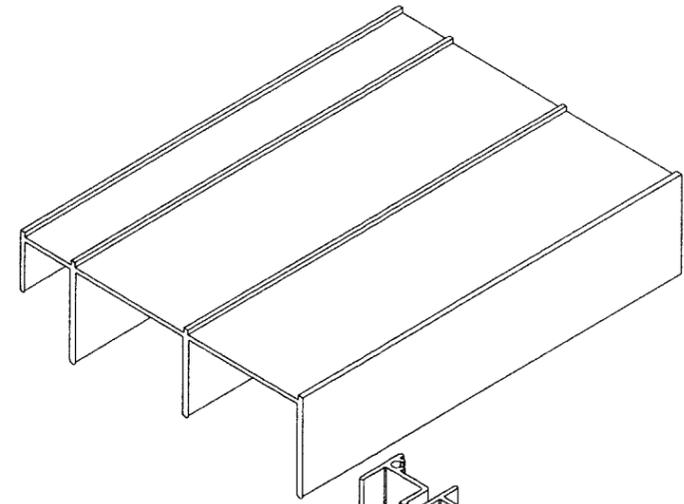
**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-0224-06  
 Expiration Date 09/12/2015  
 By   
 Miami Dade Product Control  
 Division

revisions:  
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 chk. by:  
 drawing no.  
**W09-63**  
 sheet 8 of 9

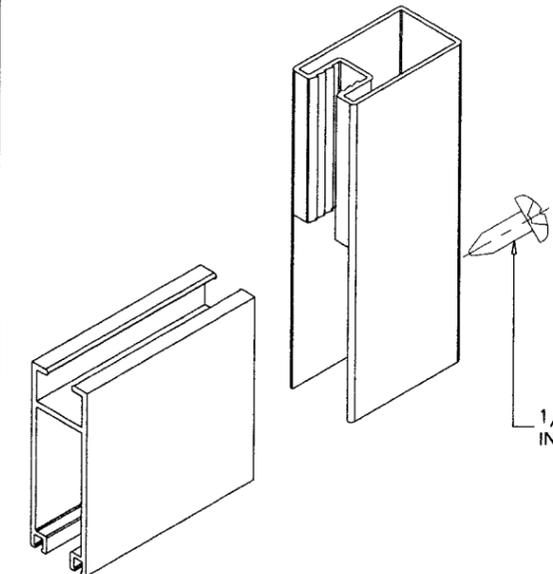
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KCO-194	1	FRAME HEAD (2 TRACK)	6063-T6	-
1A	KCO-198	1	FRAME HEAD (3 TRACK)	6063-T6	-
2	KCO-121	1	2" FRAME SILL (2 TRACK)	6063-T6	-
2.1	KCO-203	1	2-1/2" FRAME SILL (2 TRACK)	6063-T6	-
2.2	KCO-213	1	3" FRAME SILL (2 TRACK)	6063-T6	-
2A	KCO-122	1	2" FRAME SILL (3 TRACK)	6063-T6	-
2.1A	KCO-204	1	2-1/2" FRAME SILL (3 TRACK)	6063-T6	-
2.2A	KCO-214	1	3" FRAME SILL (3 TRACK)	6063-T6	-
3	KCO-58	2	FRAME JAMB (2 TRACK)	6063-T6	-
3A	KCO-9	2	FRAME JAMB (3 TRACK)	6063-T6	-
5	KCO-192	1/	PANEL TOP RAIL (SINGLE GLAZE)	6063-T6	-
5A	KCO-193	1/	PANEL TOP RAIL (INSUL. GLAZE)	6063-T6	-
6	KCO-8	1/	PANEL BOTTOM RAIL (SINGLE GLAZE)	6063-T6	-
6A	KCO-46	1/	PANEL BOTTOM RAIL (INSUL. GLAZE)	6063-T6	-
7	KCO-18	AS REQD.	LOCK STILE (SINGLE GLAZE)	6063-T6	-
7A	KCO-47	AS REQD.	LOCK STILE (INSUL. GLAZE)	6063-T6	-
8	KCO-198	AS REQD.	INTERLOCK (SINGLE GLAZE)	6063-T6	-
8A	KCO-201	AS REQD.	INTERLOCK (INSUL. GLAZE)	6063-T6	-
10	KCO-36	2/	FIX. PANEL PANEL BRACKET, 1-1/2" LONG	6063-T6	AT 12" FROM ENDS
11	460-270-6	AS REQD.	W'SEAL PILE WITH FIN, 1-1/2" LONG	-	AMESBURY, @ TOP OF EA. INTER'K.
12	#10 X 5/8"	2/	PANEL ASSEMBLY SCREWS, TOP	-	PH SMS
13	VF-1757	AS REQD.	GLAZING CHANNEL, DUROMETER 80	PVC	VYTRON OR EQUIV.
13A	-	AS REQD.	GLAZING CHANNEL, DUROMETER 80	PVC	-
14	W61175NG	AS REQD.	PILE WITH PLASTIC FIN, DOUBLE ROW	-	ULTRAFAB
15	5955	AS REQD.	PILE WITH PLASTIC FIN	-	ULTRAFAB
16	-	2/	PANEL ROLLER ASSEMBLY	STEEL	DELTA IND. OR EQUIV.
17	NO. 1720	1/	MOV. PANEL HOOK LOCK & KEEPER	ZAMAK	DELTA IND. OR NATIONWIDE
18	DPRG-2	2/	PANEL TOP RAIL GUIDE @ 1-7/8" FROM ENDS	NYLON	PROGRESS PLASTICS
19	-	2/	INTERLOCK 3/8" X 1-1/4" BAR, FULL LENGTH	STEEL	A36, Fy = 47 KSI MIN.
20	#8 X 1/2"	2/	PANEL PAN HEAD SMS	-	-
23	1/4-20X3/8"	2/	PANEL ASSEMBLY SCREWS, BOTTOM	-	-



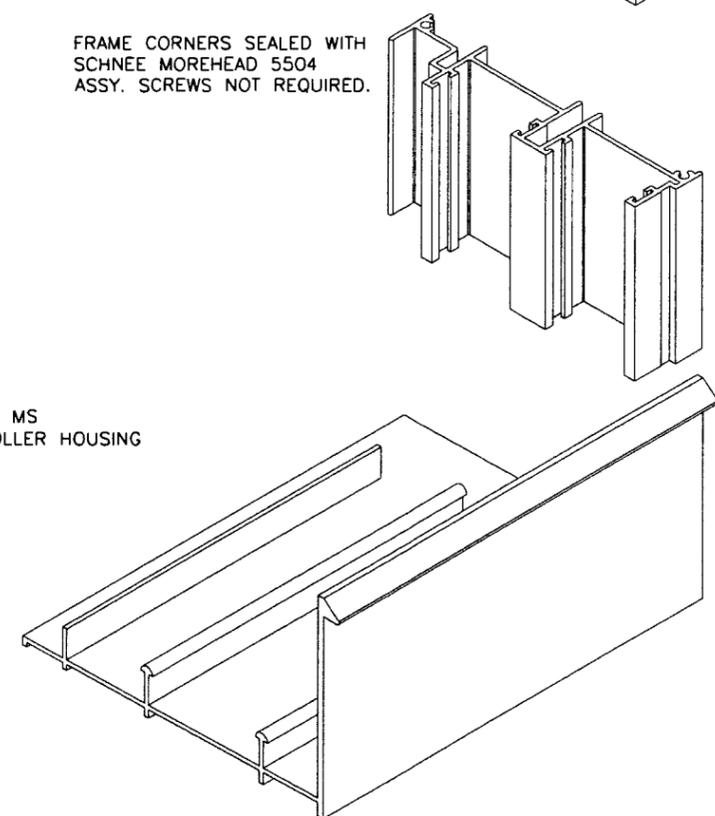
PANEL TOP CORNER



FRAME TOP CORNER  
2 TRACK SHOWN  
3 TRACK SIMILAR



PANEL BOTTOM CORNER



FRAME BOTTOM CORNER  
2 TRACK SHOWN  
3 TRACK SIMILAR

FRAME CORNERS SEALED WITH SCHNEE MOREHEAD 5504 ASSY. SCREWS NOT REQUIRED.

**SEALANTS:**

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH 'SCHNEE MOREHEAD 5504' SEALANT.

**LOCKS:**

SURFACE MOUNT ZINC CAST HOOK LOCK BY 'DELTA IND.' OR NATIONWIDE AT 42" FROM BOTTOM ON EACH ACTIVE PANEL LOCK STILE WITH KEEPER FASTENED AND SECURED TO JAMB AT LOCK POSITIONS.

Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*J.A.*

MAR 30 2010

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By *[Signature]*  
Miami Dade Product Control  
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**af c**

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sheet 9 of 9