



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

CGI Windows and Doors, Inc.
10100 NW 25 Street
Miami, FL 33172

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "Sentinel 150" Aluminum Sliding Glass Door w/ wo Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. W10-31, titled "Series 150 Sentinel Alum. Sliding Glass Door (L.M.I./ S.M.I.)", sheets 01 through 16 of 23 including 6.1, 6.2, 9A, 11A, 12.1, 12.2 and 15.1, dated 05/20/10 with revision "H" dated 01/16/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

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, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein. Confidential

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 No. 12-0821.16 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**

MIAMI-DADE COUNTY
APPROVED

J. Gascon
2/4/14

NOA No. 13-1121.08
Expiration Date: September 22, 2015
Approval Date: February 13, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 12-0821.16)
2. Drawing No. W10-31, titled "Series 150 Sentinel Alum. Sliding Glass Door (L.M.I./S.M.I.)", sheets 1 through 16 of 23 including 6.1, 6.2, 9A, 11A, 12.1, 12.2 and 15.1, dated 05/20/10 with revision "H" dated 01/16/14, 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) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, Type "C" sliding door, Grade 10, per ASTM F 842-04 and per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of Alum. SGD 2-Track prepared by Architectural Testing, Inc., Test Report No. ATI-C0733.03-450-18, dated 08/09/12, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 12-0821.16)
2. 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 Alum. SGD 2-Track prepared by Hurricane Test Laboratory, LLC, Test Report No. HTL-0080-1208-09R, dated 02/09/11, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 11-0303.02)
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, and TAS 202-94
along with marked-up drawings and installation diagram of Alum. SGD 3-Track prepared by Hurricane Test Laboratory, LLC, Test Report No. HTL-0080-1208-09, dated 07/30/10, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 10-0510.15)


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-1121.08
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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 11/14/13, prepared by Al-Farooq Corporation, signed, sealed and dated 02/04/14 by Javad Ahmad, P. E.
2. **Glazing complies with ASTM E1300-04**

D. QUALITY ASSURANCE

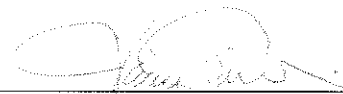
1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.
3. Notice of Acceptance No. **12-1231.08** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by Al-Farooq Corporation, dated 11/14/13, signed and sealed by Javad Ahmad, P. E.
2. Proposal No. **11-1225** issued by Product Control, dated 11/2/11, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 12-0821.16)
3. Laboratory compliance letter for Test Report No. **ATI-C0733.03-450-18 (2-Track)**, issued by Architectural Testing, Inc., dated 08/09/12, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 12-0821.16)
4. Laboratory compliance letter for Test Report No. **HTL-0080-1208-09 (2-Track)**, issued by Hurricane Test Laboratory, LLC, dated 02/09/11, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 11-0303.02)
5. Proposal No. **09-1073** issued by Product Control, dated 07/19/10, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 10-0510.15)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-1121.08
Expiration Date: September 22, 2015
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CGI Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

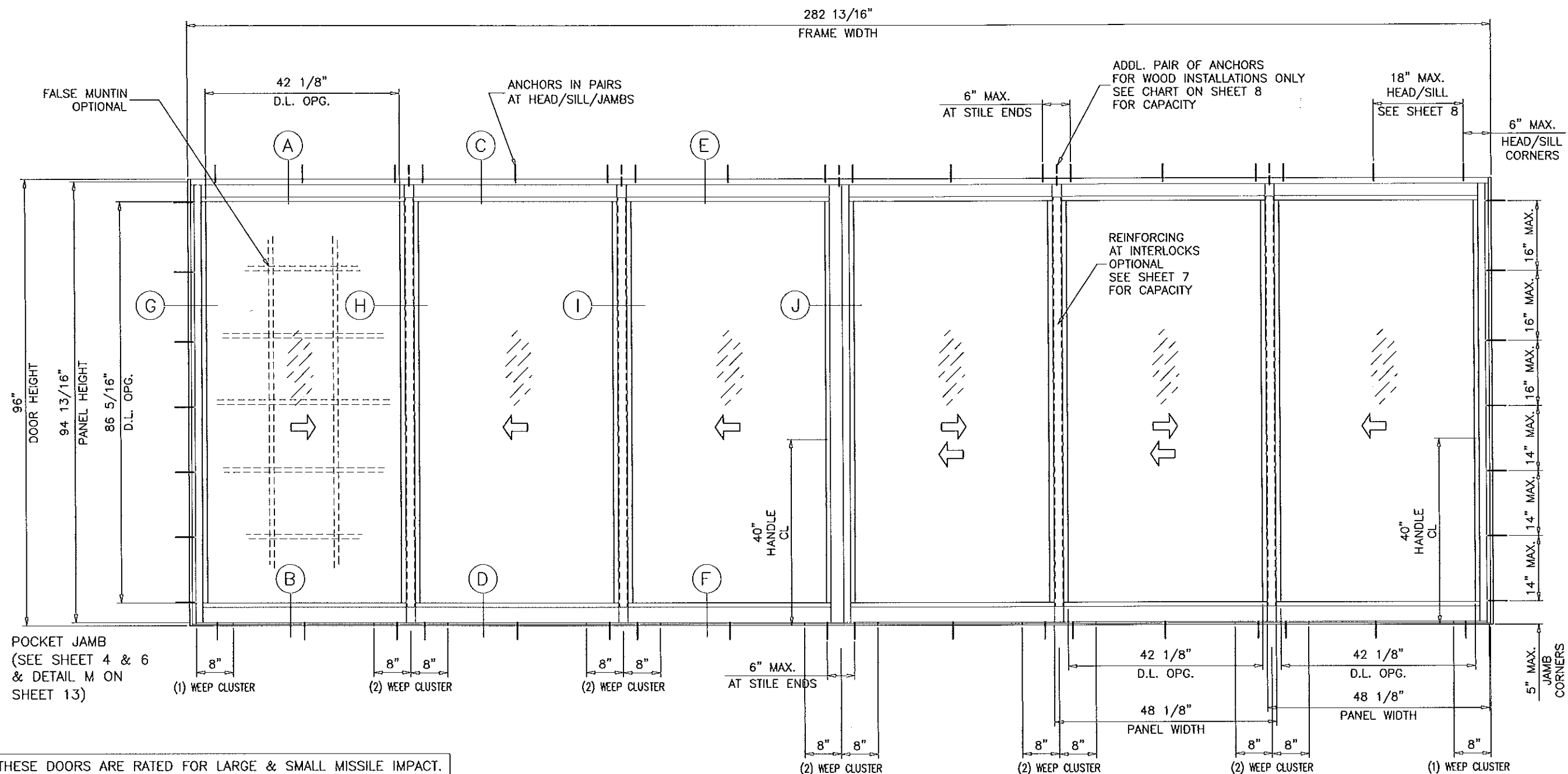
6. Laboratory compliance letter for Test Report No. **HTL-0080-1208-09 (3-Track)**, issued by Hurricane Test Laboratory, LLC, dated 07/30/10, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 10-0510.15)

G. OTHERS

1. Notice of Acceptance No. **12-0821.16**, issued to CGI Windows and Doors, Inc. for their Series "**Sentinel 150 Aluminum Sliding Glass Door w/ wo Reinforcements – L.M.I.**", approved on 12/20/12 and expiring on 09/22/15.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13-1121.08
Expiration Date: September 22, 2015
Approval Date: February 13, 2014



THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

TYPICAL ELEVATION

SERIES 150 SENTINEL ALUMINUM SLIDING GLASS DOOR

APPLICABLE EGRESS REQUIREMENTS PER FBC TO BE REVIEWED BY BUILDING OFFICIAL.

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

1BY OR 2BY 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 THE FLORIDA BLDG. CODE SECTION 2003.8.4.

REFER TO PAGES 9, 9A, 11 & 11A FOR WEEP SIZE.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** DETERMINE DOOR CAPACITY FROM TABLES ON SHEET 7 FOR THE GLASS TYPE AND REINFORCING TO USE.
- STEP 3** USING CHARTS ON SHEET 8 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

PRODUCT REVISED

as complying with the Florida Building Code
Acceptance No. 13-1121.08
Expiration Date 09/22/2015

By

Visual Inspection Product Control

D.L. OPENING

D.L.O. HEIGHT = DOOR HEIGHT - 9 11/16"

D.L.O. WIDTH = PANEL WIDTH - 6"

**LAMINATED GLASS AND
LAMINATED INSULATING GLASS
LARGE/SMALL MISSILE IMPACT**

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

JAN 22 2014

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\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.L./S.M.L.)

CGI WINDOWS & DOORS

10100 N.W. 25TH STREET

MIAMI, FL. 33172

TEL (305) 593-6590 FAX (305) 593-6592

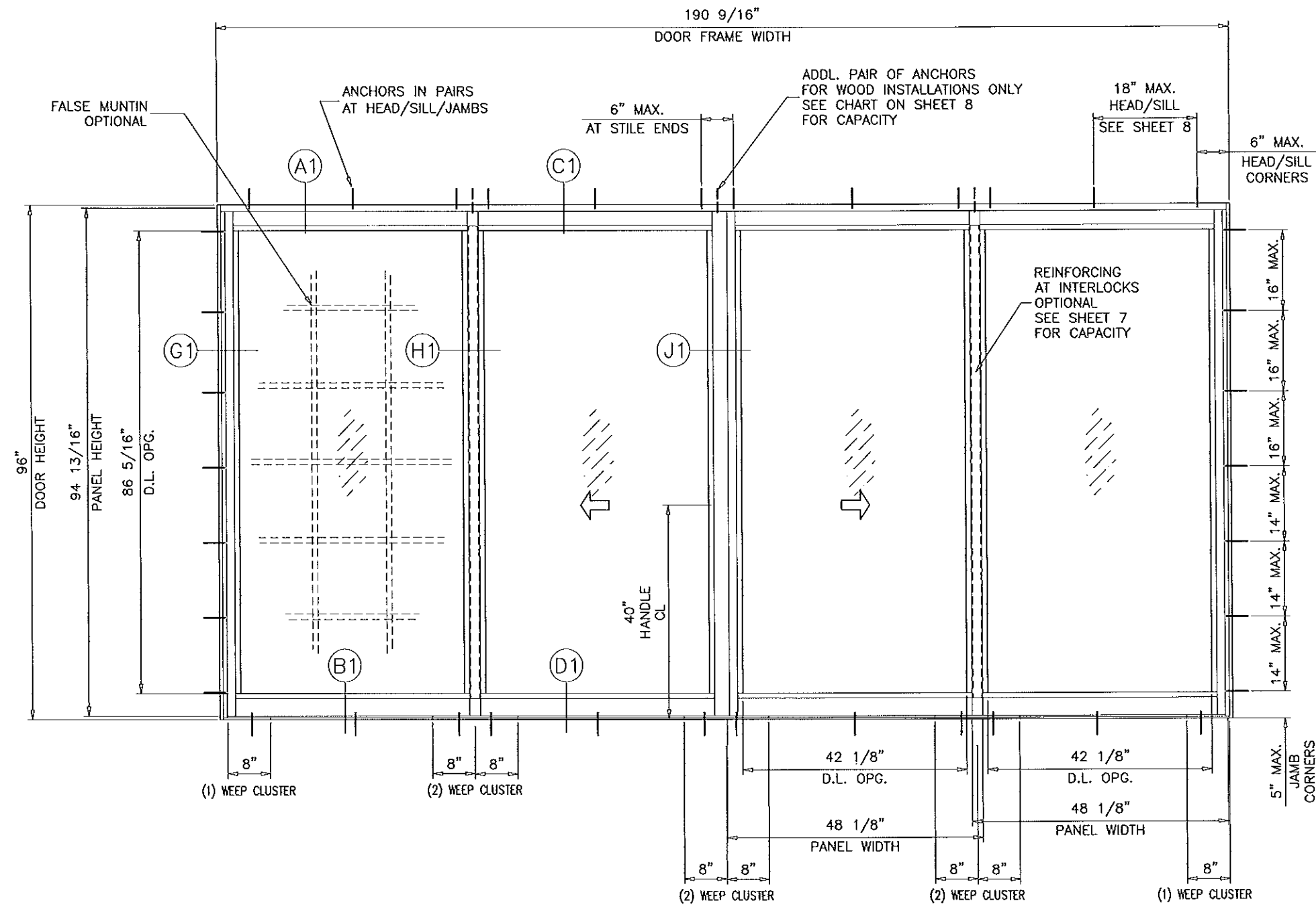
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F	12.04.12		REV. PER PER COMMENTS
G	11.12.13		NO CHANGE THIS SHEET
H	01.16.14		NO CHANGE THIS SHEET

date: 05-20-10
scale: 1/2"=1'-0"
dr. by:
chk. by:

drawing no.

W10-31

sheet 1 of 16



TYPICAL ELEVATION
(TESTED UNIT)

REFER TO PAGES 9, 9A, 11 & 11A FOR WEEP SIZE.

D.L. OPENING
D.L.O HEIGHT = DOOR HEIGHT - 9 11/16"
D.L.O. WIDTH = PANEL WIDTH - 6"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1171.08
Expiration Date 09/22/2016
By [Signature]
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3638
JAN 22 2014

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W10-31CGI

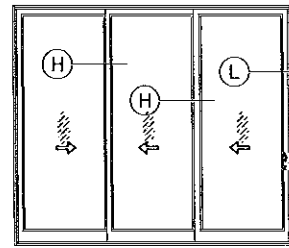
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

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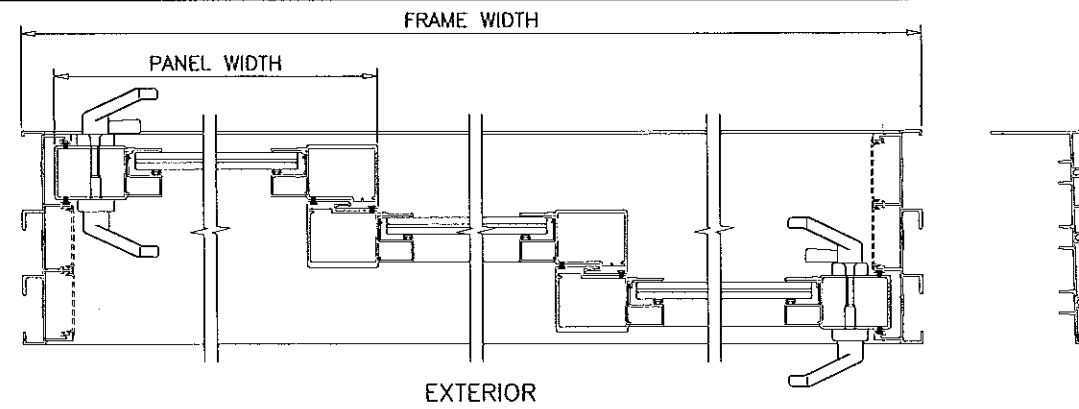
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chk. by:

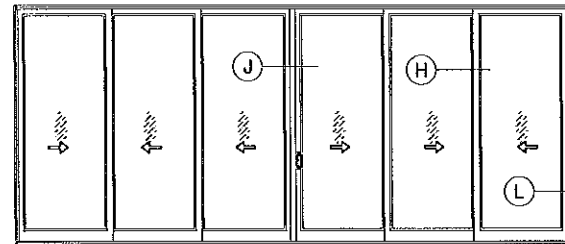
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sheet 2 of 16



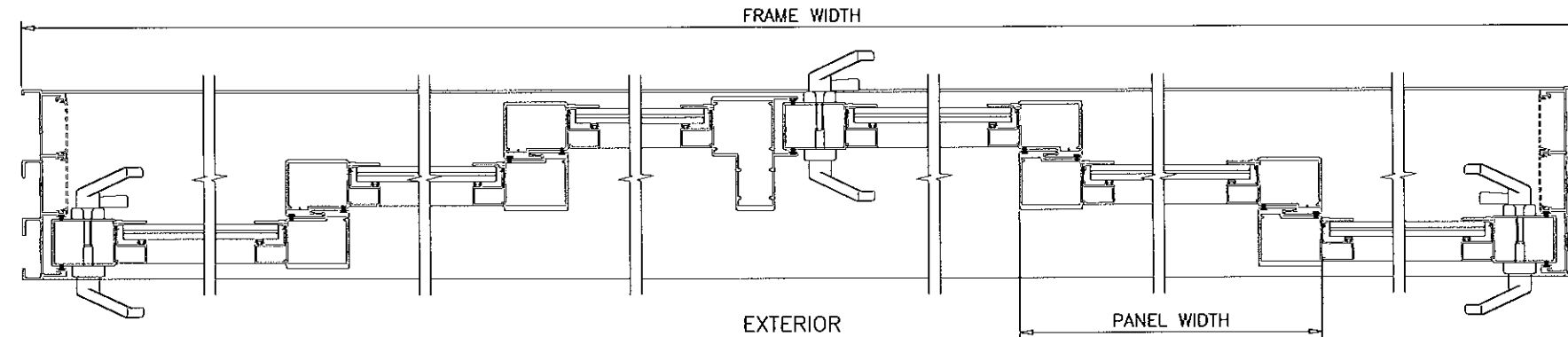
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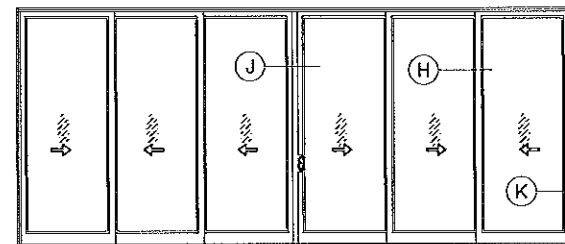
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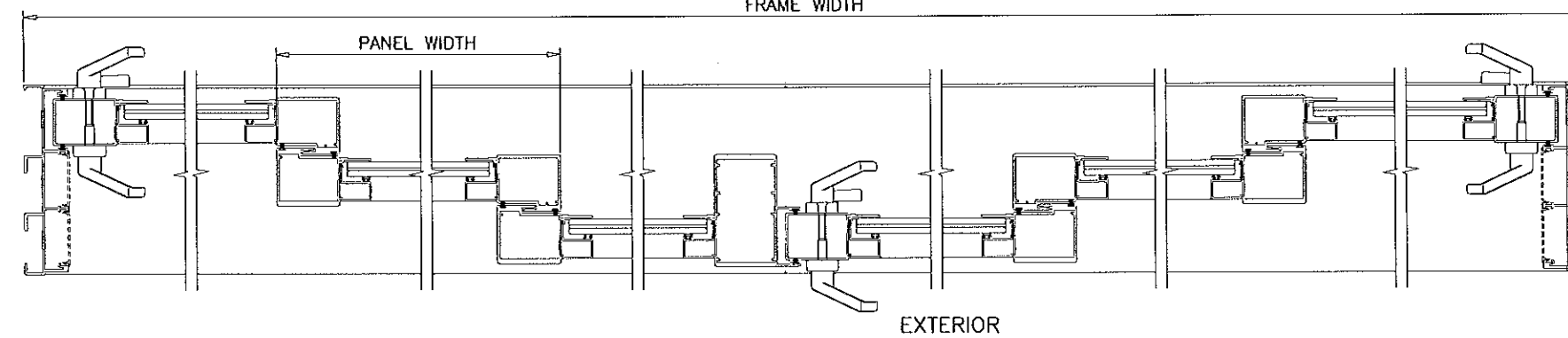
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EXTERIOR



XXXXXX (SHOWN)
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EXTERIOR

APPROVED CONFIGURATIONS

NON-POCKETED DOORS (NON-REINFORCED SHOWN)

THREE (3) TRACKS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-1121.08
 Expiration Date 09/22/2015
 By *[Signature]*
 Miami Dade Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 JAN 22 2014

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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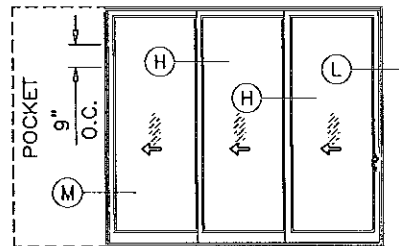
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:	no	date	by	description
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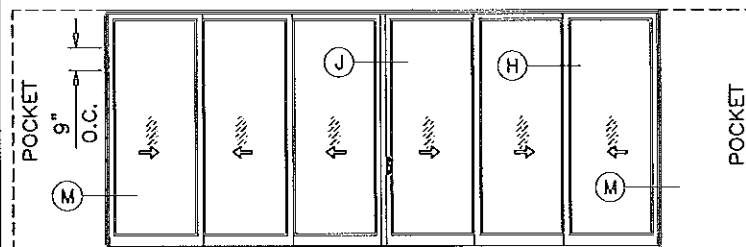
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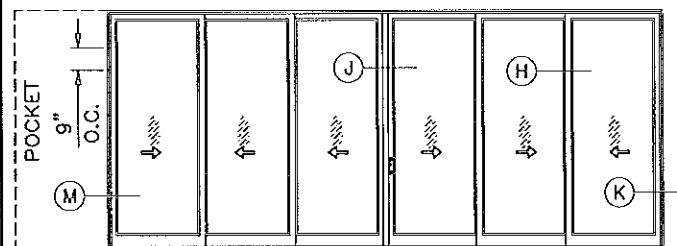
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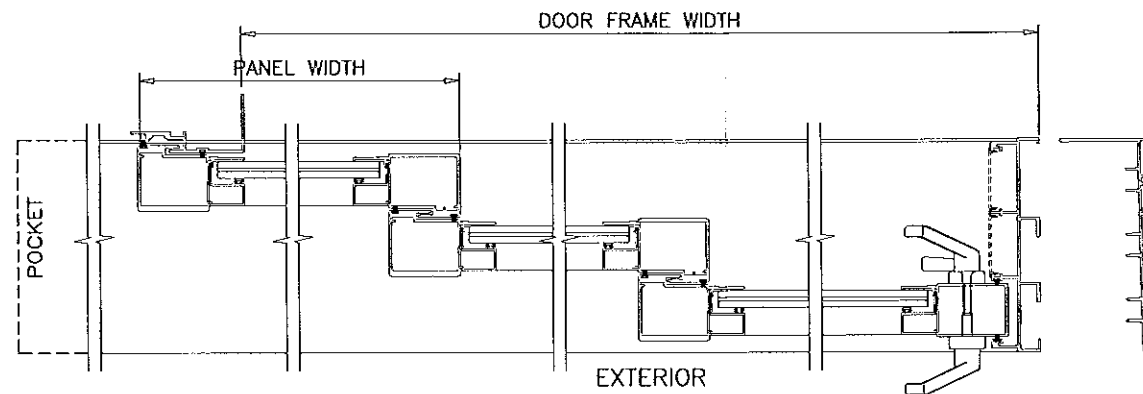


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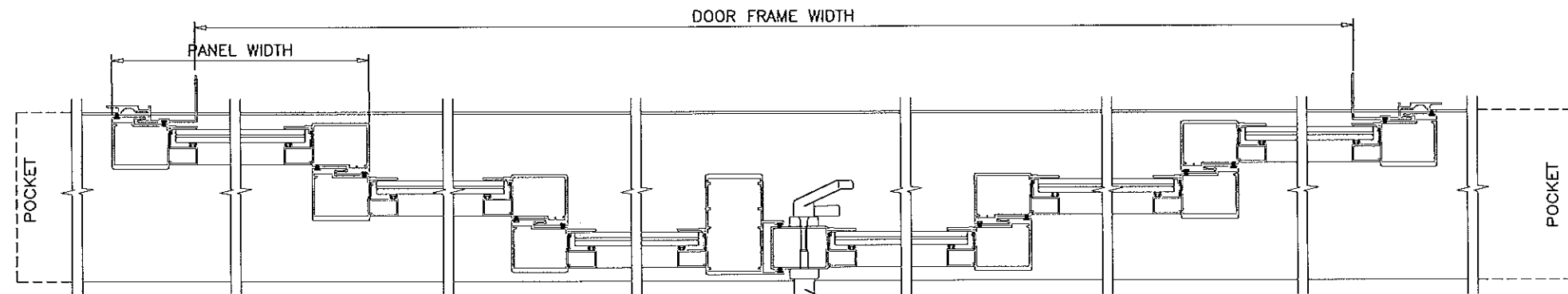
APPROVED CONFIGURATIONS
POCKETED DOORS (NON-REINFORCED SHOWN)

THREE (3) TRACKS

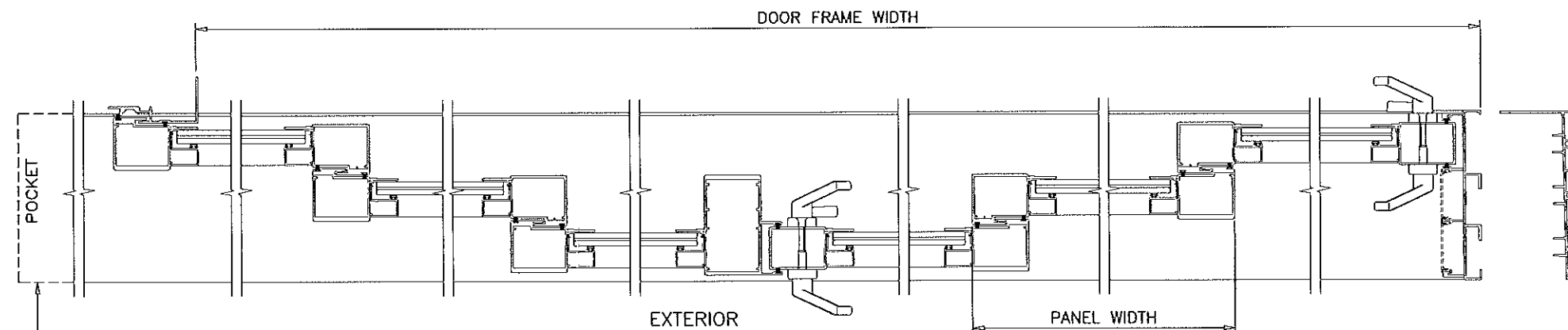
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AND TO BE REVIEWED BY AHJ.



EXTERIOR



EXTERIOR



EXTERIOR

POCKET CAVITY NOT BY CGI
NOT PART OF THIS NOA

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **13-1121**
Expiration Date **09/22/2015** 08
By *[Signature]*
Miami Dade Product Control

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

JAN 22 2014

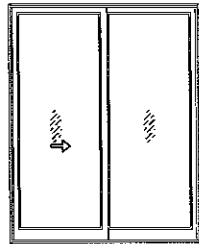
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANLW10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
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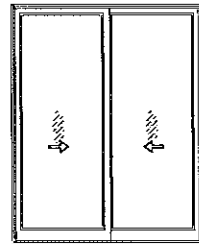
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dr. by:	HAMID
chk. by:	

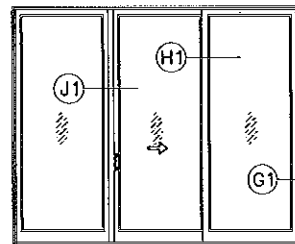
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sheet	4 of 16



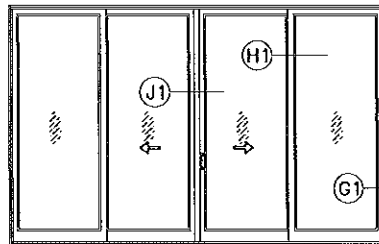
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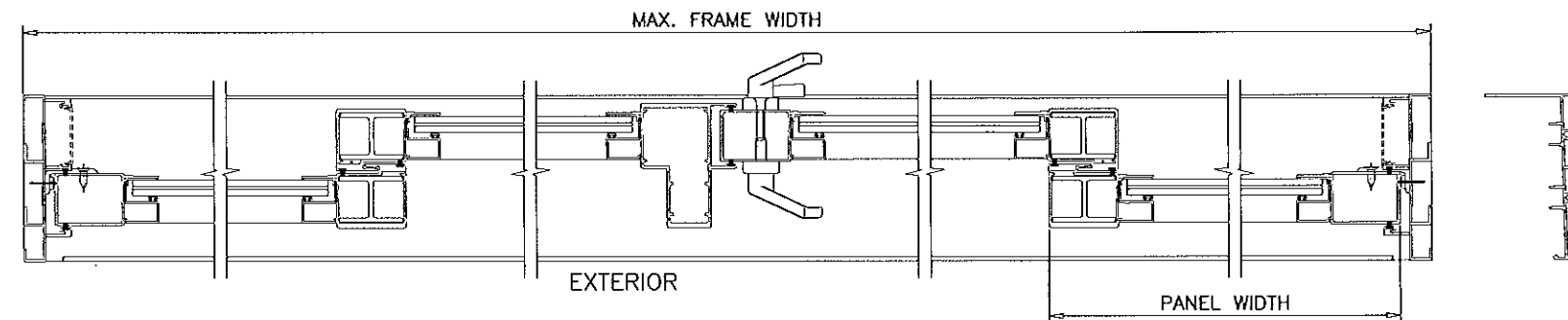
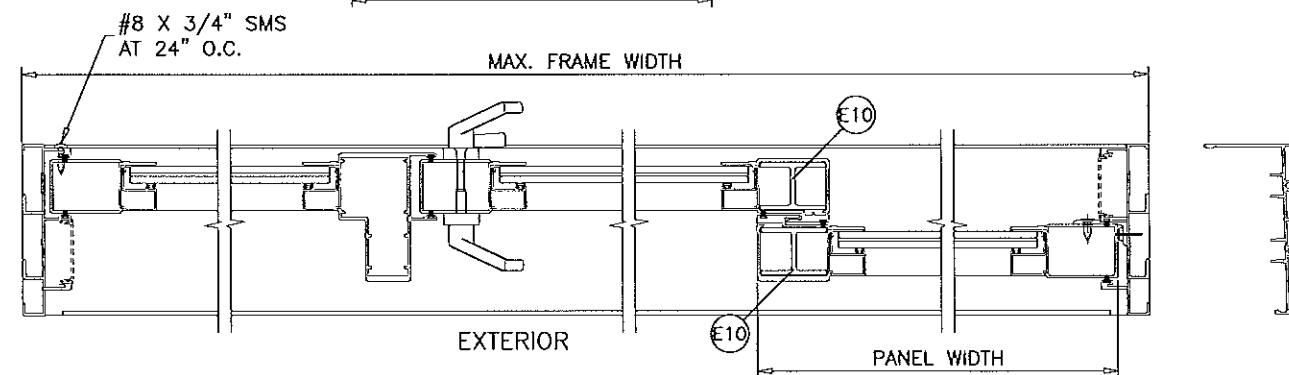
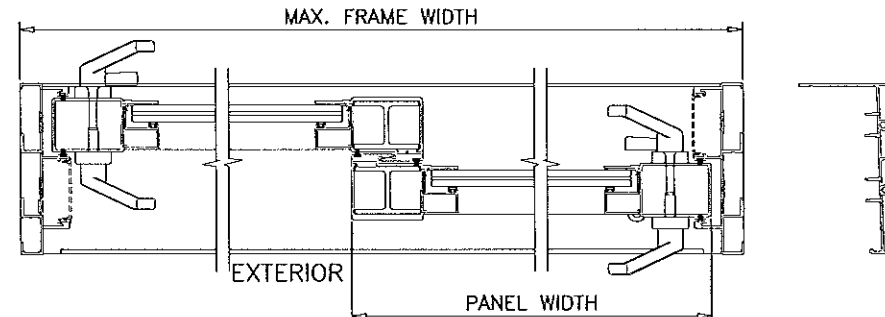
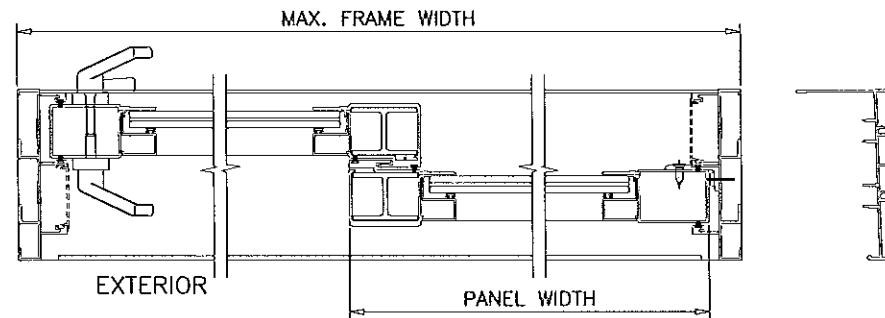
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OXO (SHOWN)
OXO (REVERSE)



OXOX
XXXX (SIMILAR)



APPROVED CONFIGURATIONS
NON-POCKETED DOORS (REINFORCED SHOWN)
TWO (2) TRACKS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **13-1171-08**
Expiration Date **09/22/2015**
By *[Signature]*
Miami Dade Product Control

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

JAN 22 2014

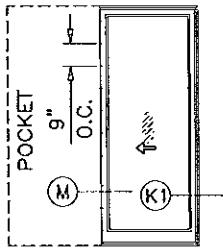
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
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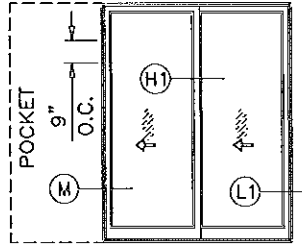
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F	12.04.12		NO CHANGE THIS SHEET
G	11.12.13		NO CHANGE THIS SHEET
H	01.16.14		NO CHANGE THIS SHEET

date:	05-20-10
scale:	-
dr. by:	
chk. by:	

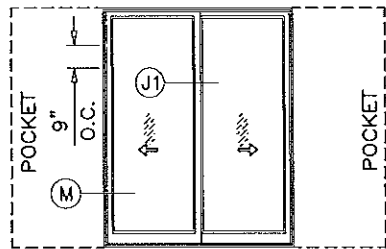
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W10-31
sheet 5 of 16



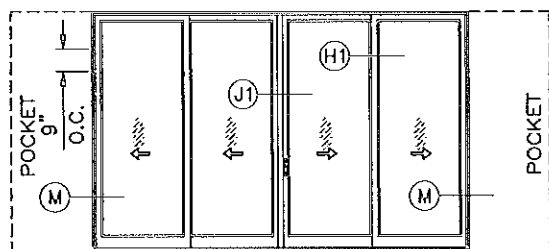
PX (SHOWN)
XP



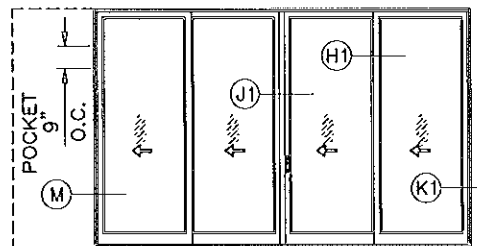
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XXP



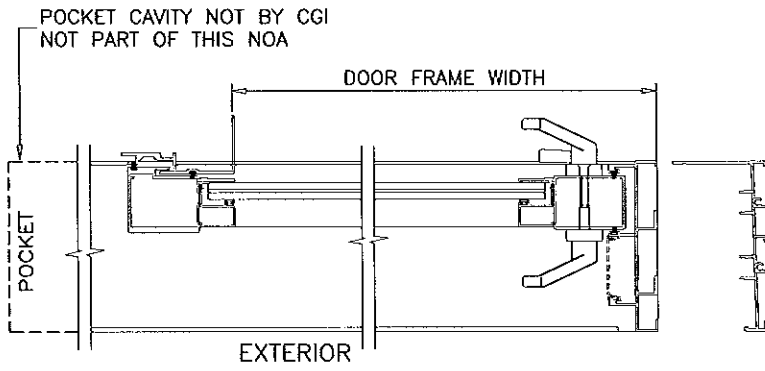
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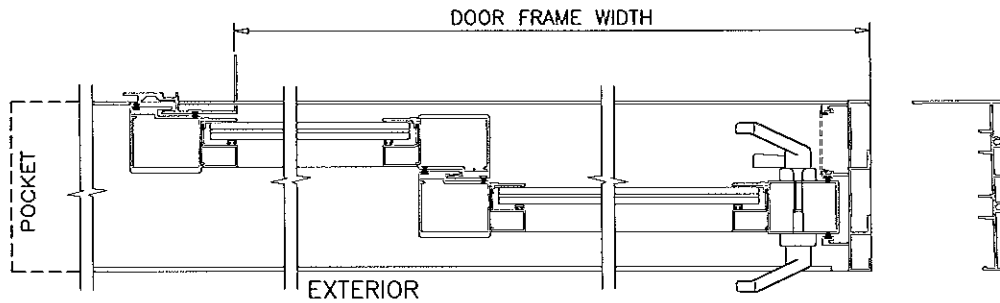
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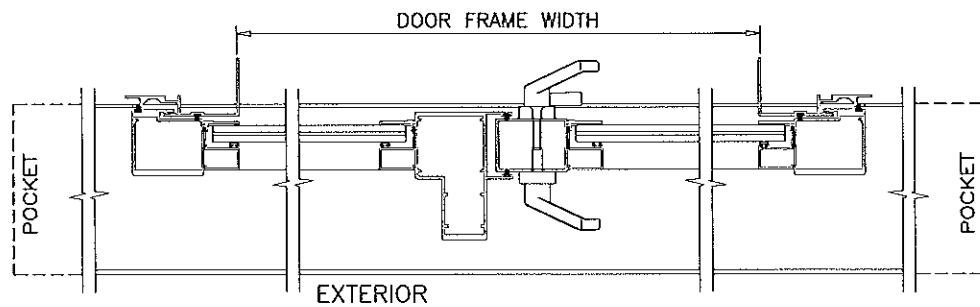
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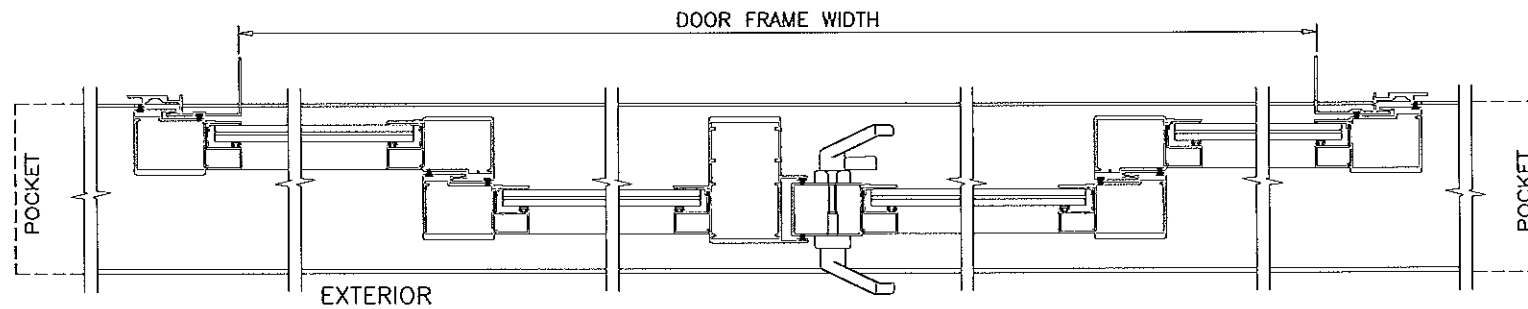
EXTERIOR



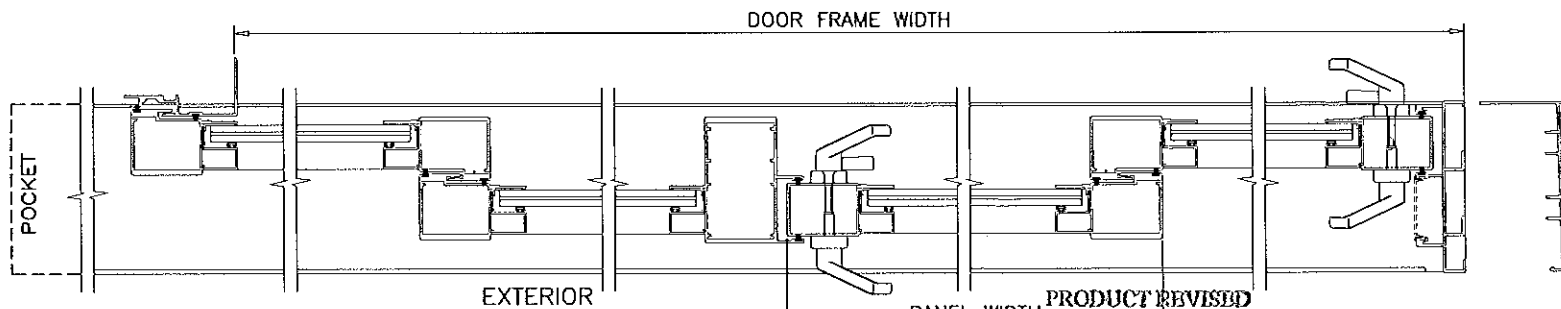
EXTERIOR



EXTERIOR



EXTERIOR



EXTERIOR

APPROVED CONFIGURATIONS
POCKETED DOORS (NON-REINFORCED SHOWN)
TWO (2) TRACKS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121-08
Expiration Date 09/22/2015
By [Signature]
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JAN 22 2014

POCKETS ARE NOT PART OF THIS APPROVAL
AND TO BE REVIEWED BY AHJ.

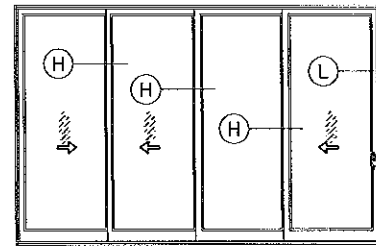
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 262-6978
FAX (305) 262-6978
COMP-ANL\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M./S.M.L.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

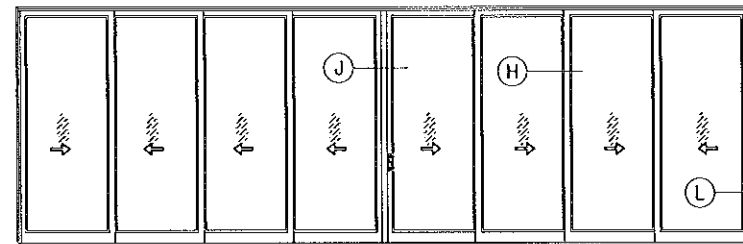
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	E	08.29.12		HEAD & SILL REVISED
	F	12.04.12		NO CHANGE THIS SHEET
	G	11.12.13		NO CHANGE THIS SHEET
	H	01.16.14		NO CHANGE THIS SHEET

date: 05-20-10	scale: -	dr. by:	chk. by:
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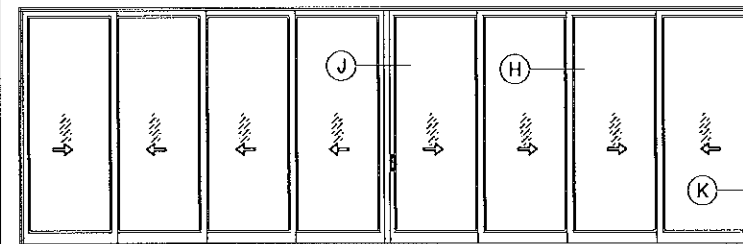
drawing no.	W10-31
sheet	6 of 16



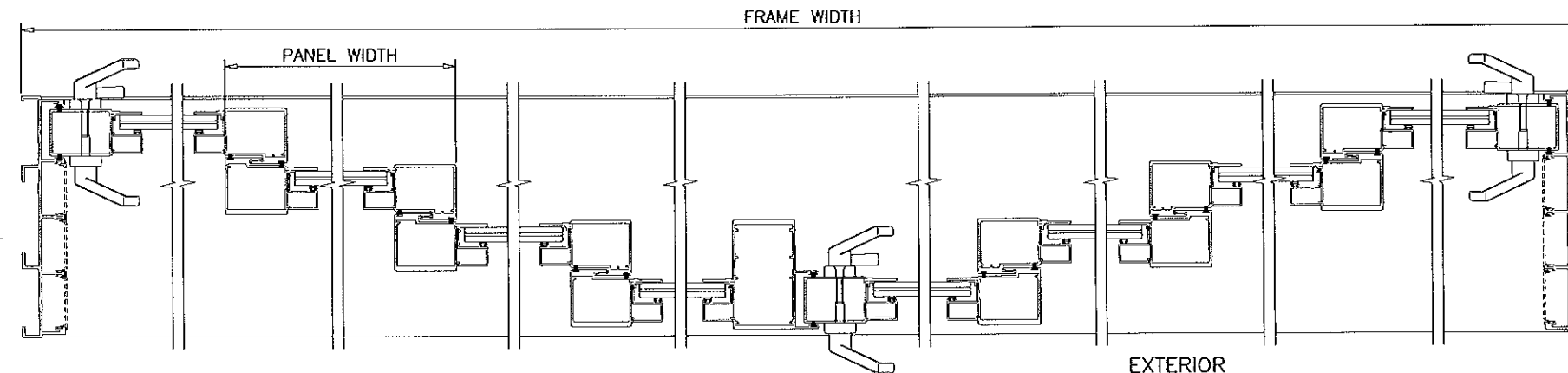
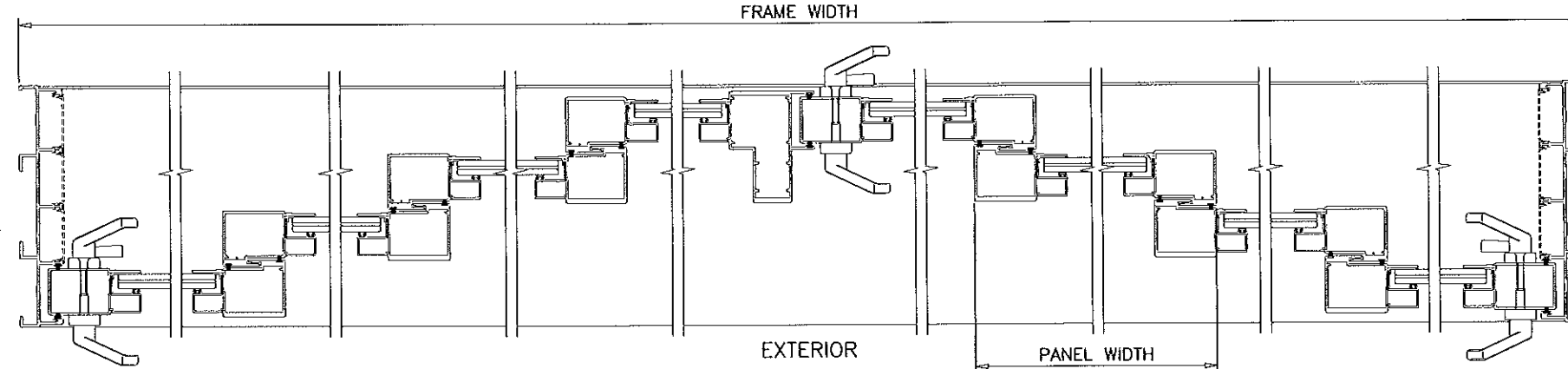
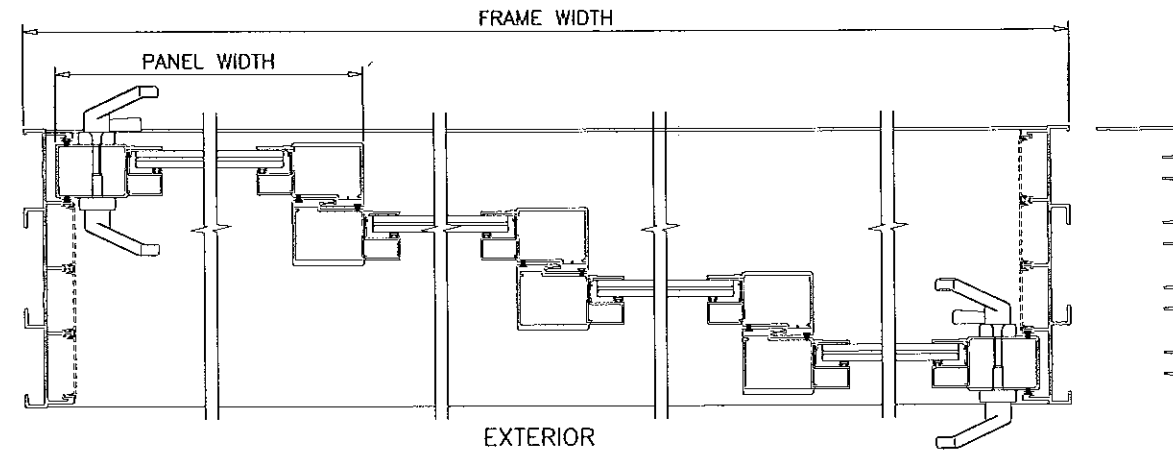
XXXX (SHOWN)
 OXXX
 XXXO
 XXXX (REVERSE)



XXXXXXXX (SHOWN)
 OXXXXXXO



XXXXXXXX (SHOWN)
 OXXXXXXO



APPROVED CONFIGURATIONS
NON-POCKETED DOORS (NON-REINFORCED SHOWN)
FOUR (4) TRACKS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-1121-08
 Expiration Date 09/22/2015
 By *[Signature]*
 Miami Dade Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 JAN 22 2014

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

af c
 COMP-ANLW10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M./S.M.I.)

CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:

no	date	by	description
G	11.12.13		FOUR TRACK FRAMES ADDED
H	01.15.14		NO CHANGE THIS SHEET

date: 05-20-10
 scale: -
 dr. by:
 chk. by:

drawing no.
W10-31
 sheet 6.1 of 16



POCKET CAVITY NOT BY CGI
NOT PART OF THIS NOA

POCKETS ARE NOT PART OF THIS APPROVAL
AND TO BE REVIEWED BY AHJ.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121.0E
Expiration Date 09/22/2015
By [Signature]
Miami Dade Product Control

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

~~JAN 22 2014~~

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

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172

TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:	
no	date by description
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H	01.16.14 NO CHANGE THIS SHEET

date: 05-20-10
scale: -
dr. by: HAMID
chk. by:

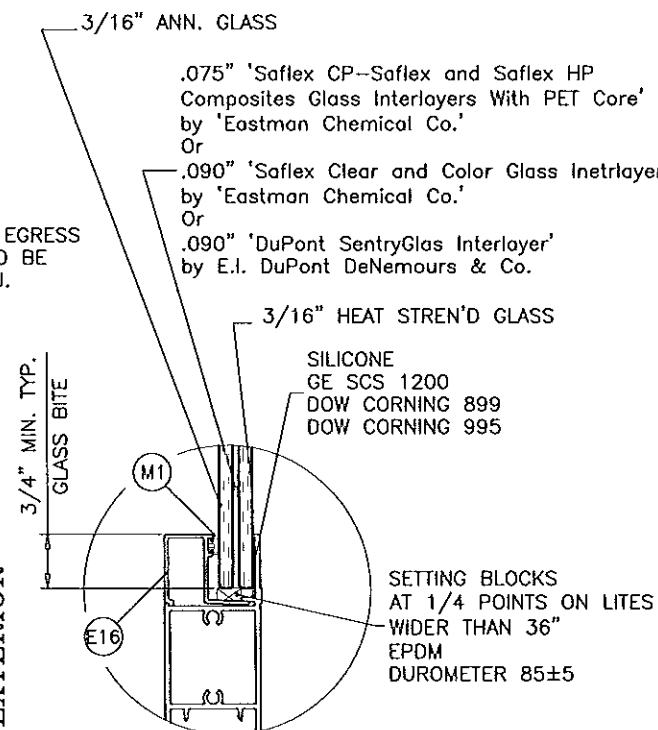
drawing no.
W10-31

sheet 6.2 of 16

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	GLASS TYPES 'A' & 'A1'		GLASS TYPES 'B' & 'B1'	
		INTERLOCKS W/O REINF.		INTERLOCKS WITH REINF.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24-1/8	80	60.0	60.0	80.0	80.0
30-1/8		60.0	60.0	80.0	80.0
36-1/8		60.0	60.0	80.0	80.0
42-1/8		60.0	60.0	80.0	80.0
48-1/8		60.0	60.0	80.0	80.0
54-1/8	84	60.0	60.0	80.0	80.0
24-1/8		60.0	60.0	80.0	80.0
30-1/8		60.0	60.0	80.0	80.0
36-1/8		60.0	60.0	80.0	80.0
42-1/8		60.0	60.0	80.0	80.0
48-1/8		60.0	60.0	80.0	80.0
54-1/8	90	60.0	60.0	80.0	80.0
24-1/8		60.0	60.0	80.0	80.0
30-1/8		60.0	60.0	80.0	80.0
36-1/8		60.0	60.0	80.0	80.0
42-1/8		60.0	60.0	80.0	80.0
48-1/8		60.0	60.0	80.0	80.0
54-1/8	96	60.0	60.0	80.0	80.0
24-1/8		60.0	60.0	80.0	80.0
30-1/8		60.0	60.0	80.0	80.0
36-1/8		60.0	60.0	80.0	80.0
42-1/8		60.0	60.0	80.0	80.0
48-1/8		60.0	60.0	80.0	80.0

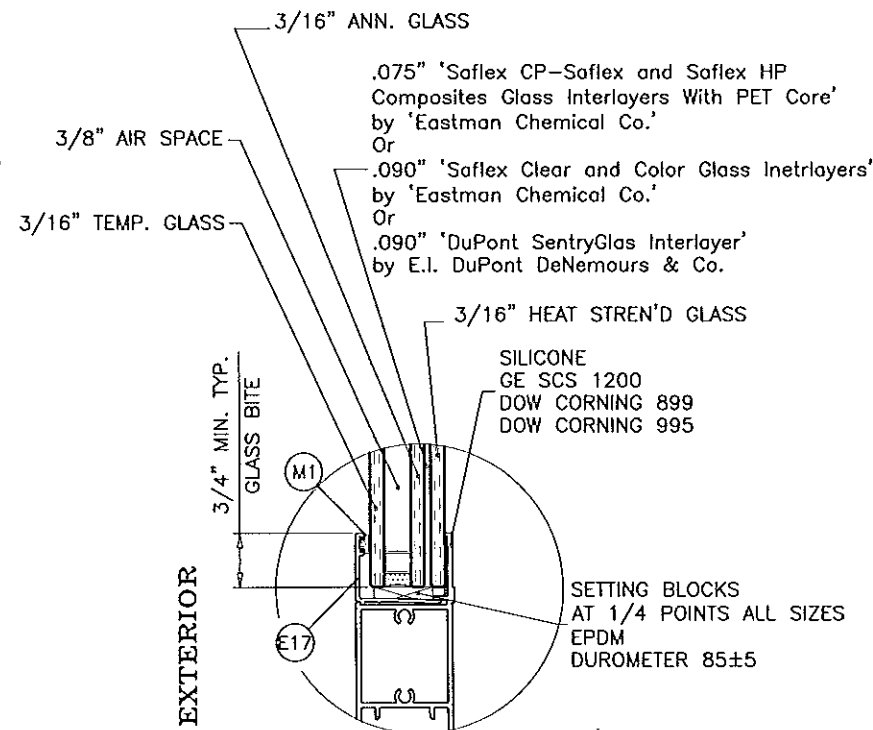
APPLICABLE FBC EGRESS
REQUIREMENTS TO BE
REVIEWED BY AHJ.

EXTERIOR



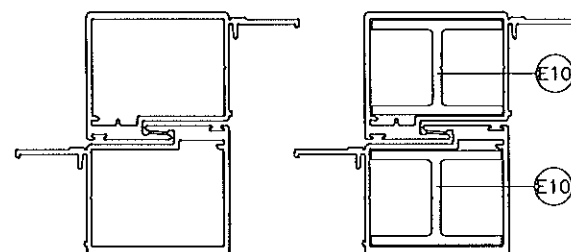
GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

EXTERIOR



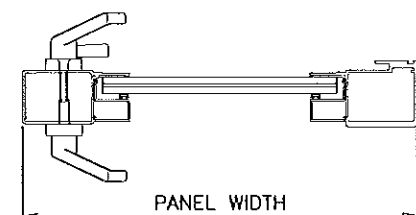
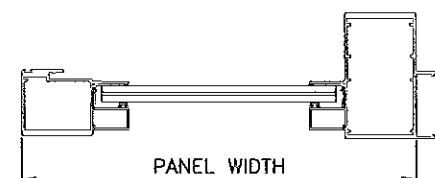
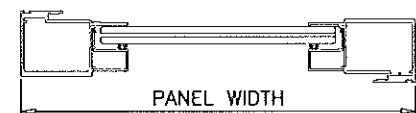
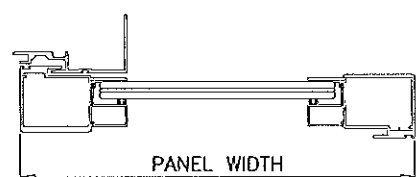
GLASS TYPE 'A1'
1" OVERALL INSUL. LAM. GLASS

AIR SPACE CONSISTING OF:
SPACER:
.0045" THK. ST. STEEL SPACER AROUND
THE PERIMETER OF THE GLASS.

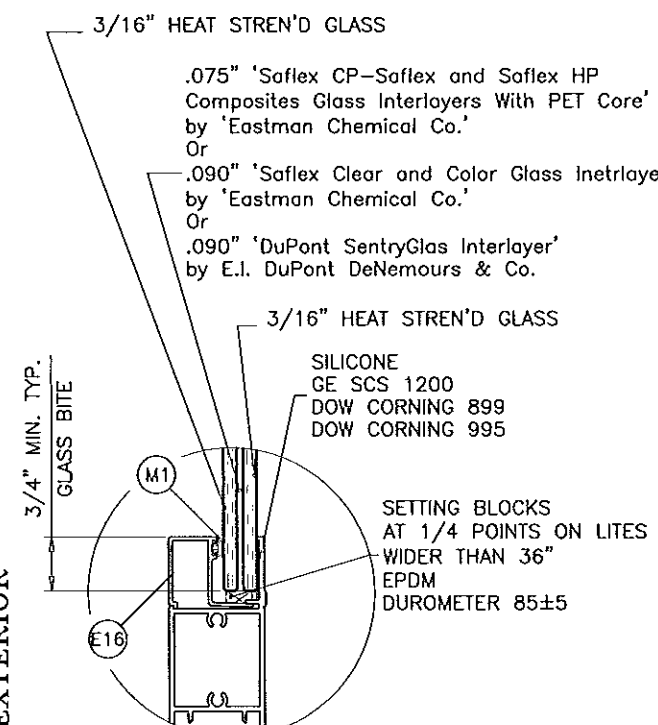


INTERLOCKS
W/O REINF.

INTERLOCKS
WITH REINF.

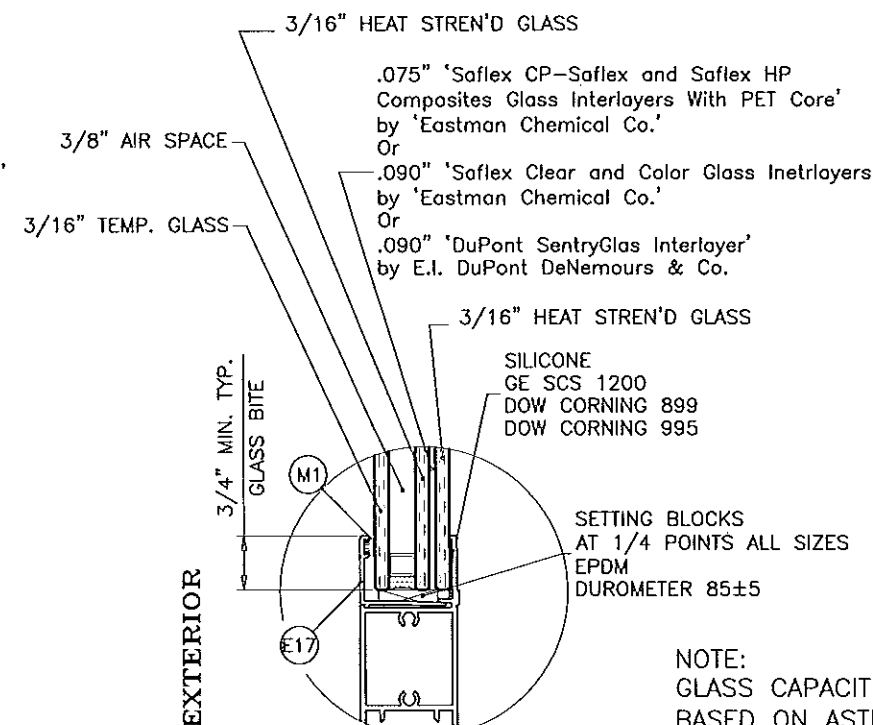


EXTERIOR



GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

EXTERIOR



GLASS TYPE 'B1'
1" OVERALL INSUL. LAM. GLASS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

GLAZING OPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121-08
Expiration Date 09/22/2015
By *[Signature]*
Miami Dade Product Control

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

[Signature]
JAN 22 2014

FOR STD. SILL WITHOUT RISER LIMIT EXT. (+) LOADS TO 60.0 PSF
FOR SILL WITH RISER MAX. EXT. (+) LOADS ARE 80 PSF

GLASS CAPACITY CHARTS

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-31CGI

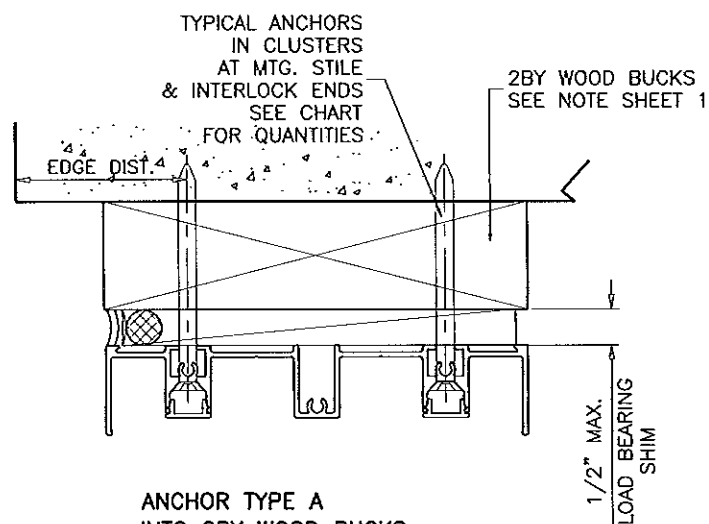
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

no	date	by	description
D	10.10.11		NO CHANGE THIS SHEET
E	08.29.12		HEAD & SILL REVISED
F	12.04.12		REV. PER RER COMMENTS
G	11.12.13		NO CHANGE THIS SHEET
H	01.16.14		REV. PER RER COMMENTS

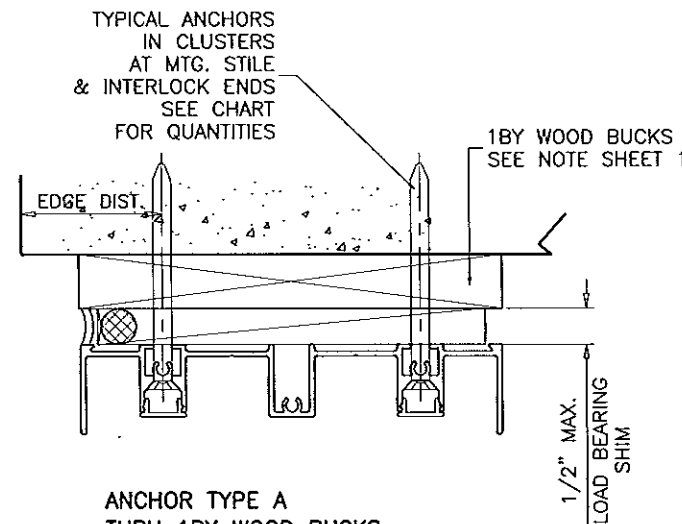
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dr. by:
chk. by:

drawing no.
W10-31

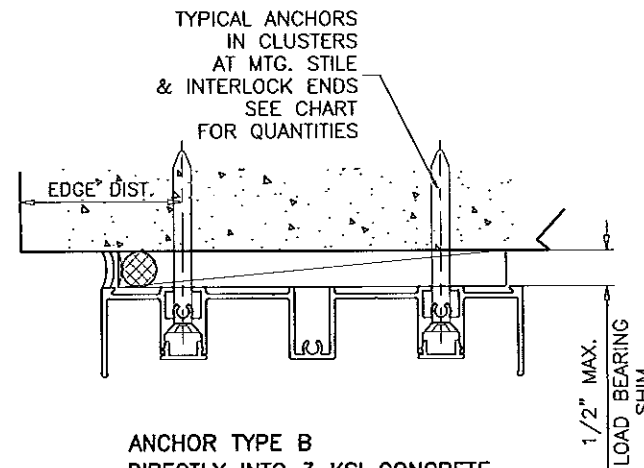
sheet 7 of 16



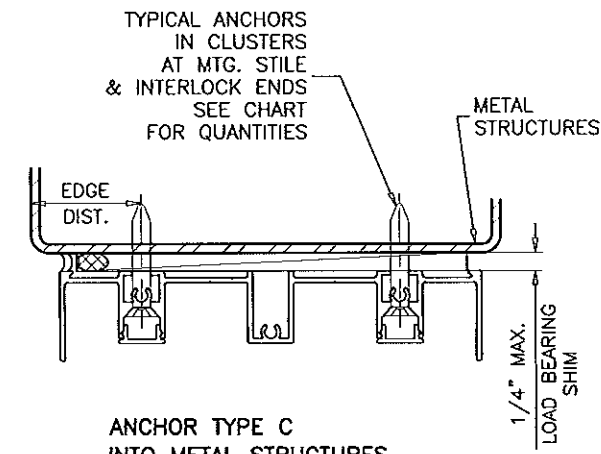
ANCHOR TYPE A
INTO 2BY WOOD BUCKS
OR WOOD STRUCTURES



ANCHOR TYPE A
THRU 1BY WOOD BUCKS
INTO 3 KSI CONCRETE



ANCHOR TYPE B
DIRECTLY INTO 3 KSI CONCRETE



ANCHOR TYPE C
INTO METAL STRUCTURES
OR APPROVED MULLIONS

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD

TYPE 'A' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY BUCKS INTO CONCRETE
1-1/4" MIN. EMBED INTO CONCRETE
THRU 2BY BUCKS INTO CONCRETE
1/2" MIN. EMBED INTO CONCRETE

TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
2" MIN. EMBED

TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)
INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT JAMBS

TYPE 'A' - 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

TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)
INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT SILL

TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE
1-1/4" MIN. EMBED

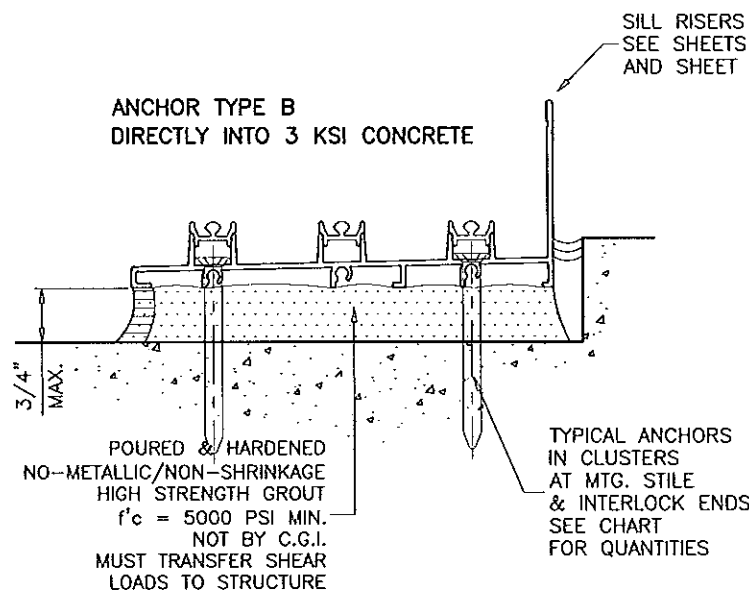
ANCHOR EDGE DISTANCES

INTO CONCRETE OR MASONRY = 1" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

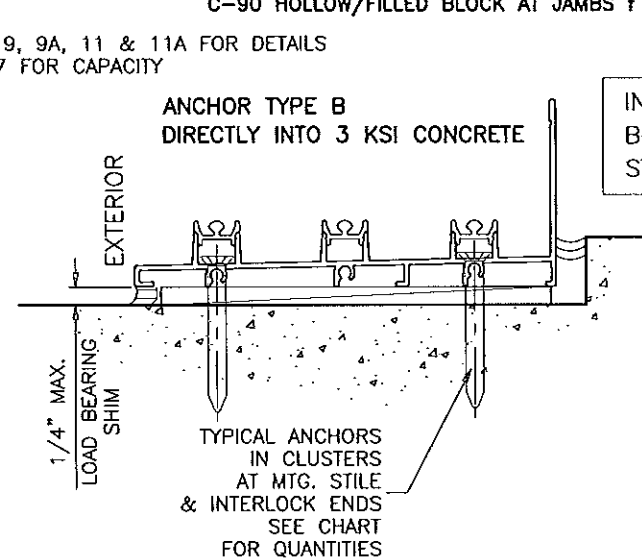
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

as complying with the Florida
Building Code
Acceptance No. 13-1121.08
Expiration Date 09/22/2015
By [Signature]
Miami Doors Product Control

INSTALLATION CONDITIONS SHOWN APPLY TO
BOTH 2 TRACK AND 3 TRACK SYSTEMS WITH
STD. OR ALTERNATE FRAME HEAD AND SILL.



ANCHOR TYPE B
DIRECTLY INTO 3 KSI CONCRETE



ANCHOR TYPE B
DIRECTLY INTO 3 KSI CONCRETE

NOTE:
ANCHOR CAPACITIES LISTED ON THIS
SHEET TO BE USED IN CONJUNCTION
WITH GLASS CHARTS ON SHEET 7
LOWER APPLICABLE VALUES CONTROL.
3 TRACK SYSTEM SHOWN ALSO APPLICABLE
TO 2 AND 4 TRACK FRAMES.
PLEASE SEE FOLLOWING SHEETS FOR DETAILS.

DESIGN LOAD CAPACITY - PSF (ANCHORS)				
PANEL WIDTH INCHES	DOOR HEIGHT INCHES	ANCHORS TYPE 'A'		ANCHORS TYPE 'B' & 'C'
		CLUSTER OF		CLUSTER OF
		4	6	4
24-1/8	80	80.0	-	80.0
30-1/8		80.0	-	80.0
36-1/8		80.0	-	80.0
42-1/8		80.0	-	80.0
48-1/8		80.0	-	80.0
54-1/8		80.0	-	80.0
24-1/8	84	80.0	-	80.0
30-1/8		80.0	-	80.0
36-1/8		80.0	-	80.0
42-1/8		80.0	-	80.0
48-1/8		80.0	-	80.0
54-1/8		75.9	80.0	80.0
24-1/8	90	80.0	-	80.0
30-1/8		80.0	-	80.0
36-1/8		80.0	-	80.0
42-1/8		80.0	-	80.0
48-1/8		73.7	80.0	80.0
54-1/8		67.5	80.0	80.0 *
24-1/8	96	80.0	-	80.0
30-1/8		80.0	-	80.0
36-1/8		80.0	-	80.0
42-1/8		74.1	-	80.0
48-1/8		67.5	80.0	80.0 *

INTERPOLATION BETWEEN WIDTHS AND HEIGHTS ACCEPTABLE

* THIS SIZE ONLY
USE CLUSTER OF 6
FOR ANCHOR TYPE B

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

JAN 22 2014

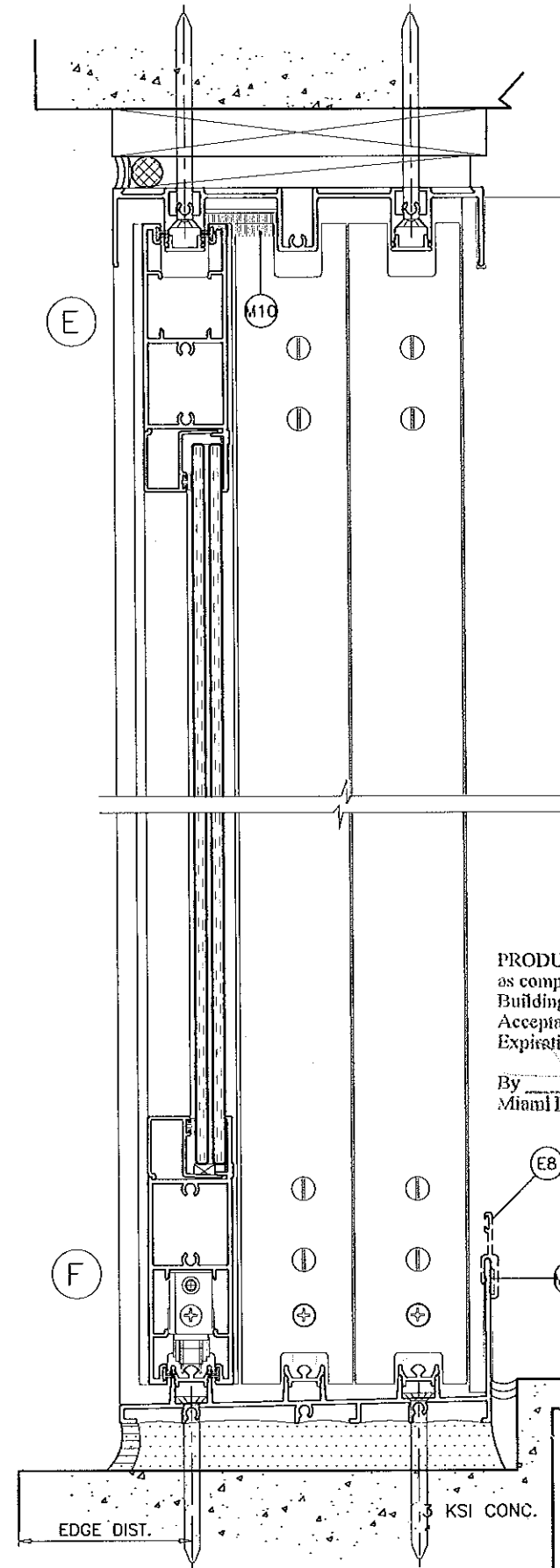
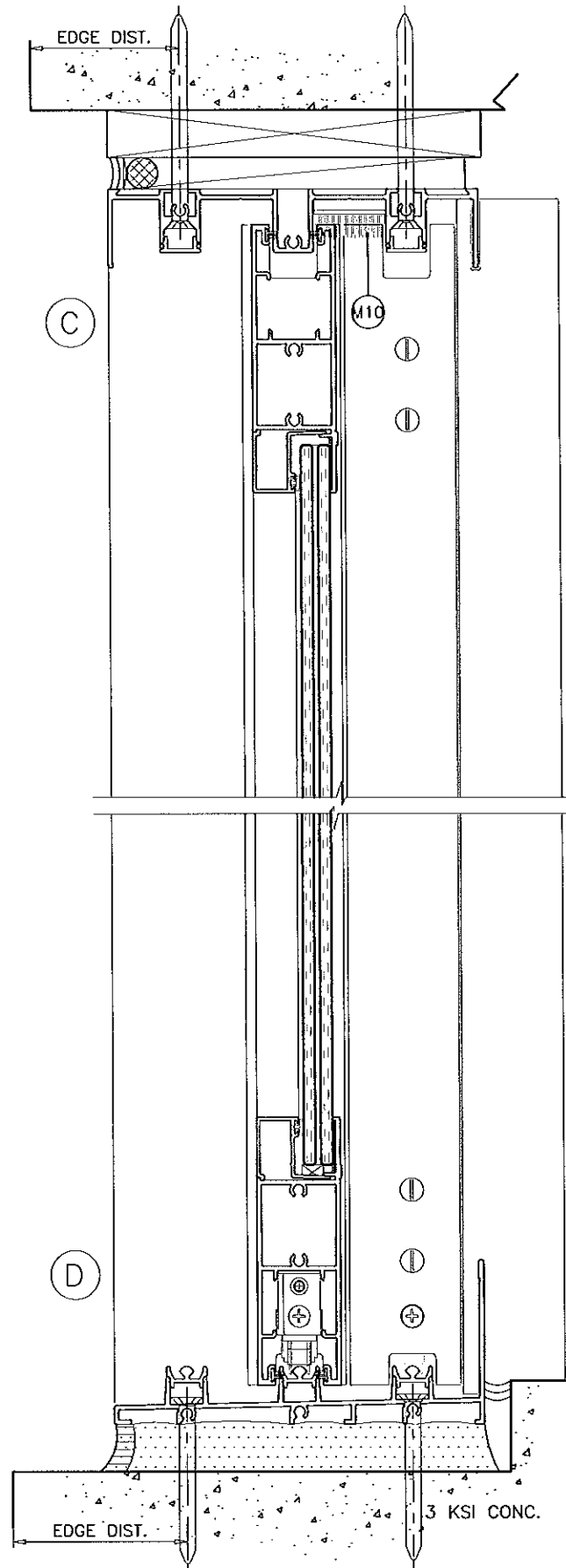
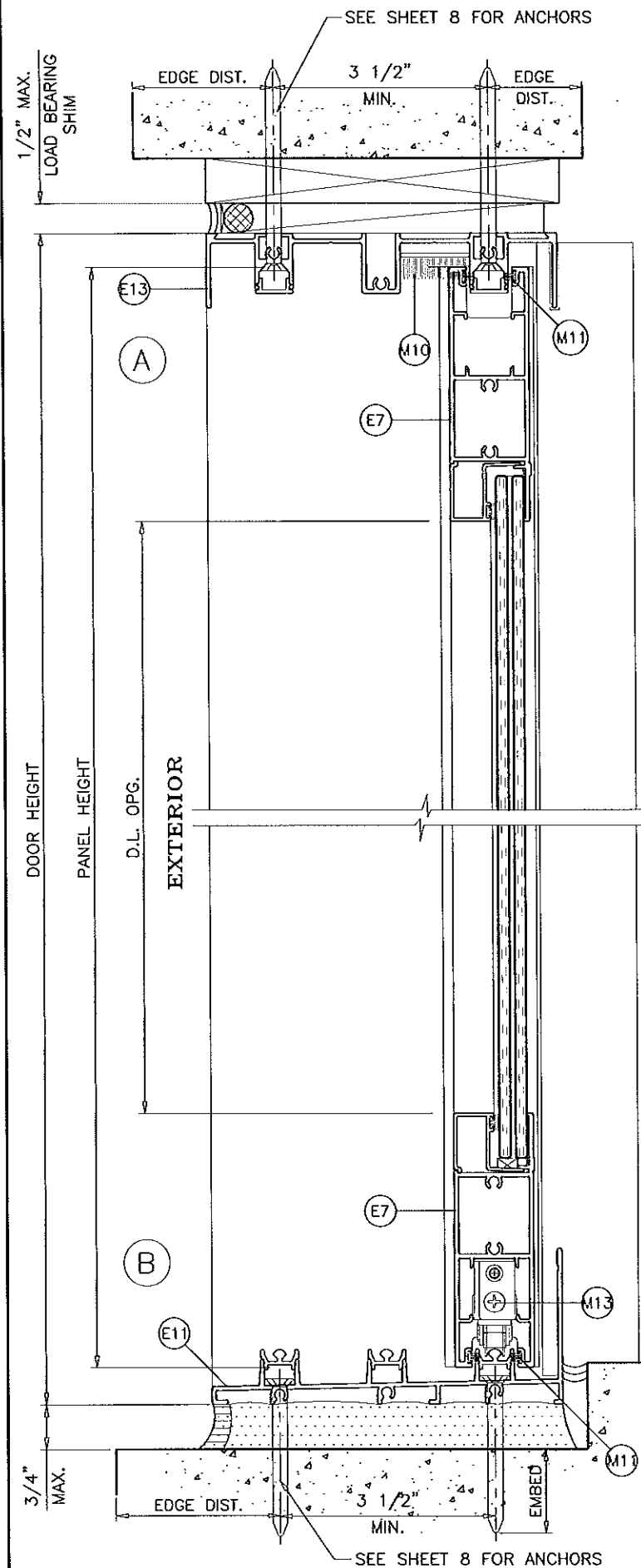
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANLW10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.L./S.M.L.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
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no	date	by	description
D	10.10.11		NO CHANGE THIS SHEET
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F	12.04.12		REV. PER RER COMMENTS
G	11.12.13		NO CHANGE THIS SHEET
H	01.16.14		REV. PER RER COMMENTS

date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

drawing no.
W10-31
sheet 8 of 16



WEEP SIZE 1/4" X 1/8"

REFER TO SHEET 8 FOR VARIOUS INSTALLATION CONDITIONS.

OPTIONAL SLANT SILL ADAPTORS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **13-1171.08**
Expiration Date **09/22/2016**

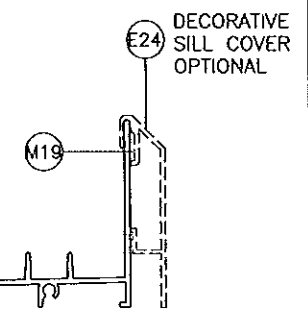
By *[Signature]*
Miami Dade Product Control

SILL RISER
REQD. FOR LOADS
ABOVE +60 PSF

SILL RISER
REQD. FOR LOADS
ABOVE +60 PSF

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 353B

JAN 22 2014



SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172

TEL. (305) 593-6590 FAX. (305) 593-6592

af c
AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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COMP-ANL\W10-31CGI

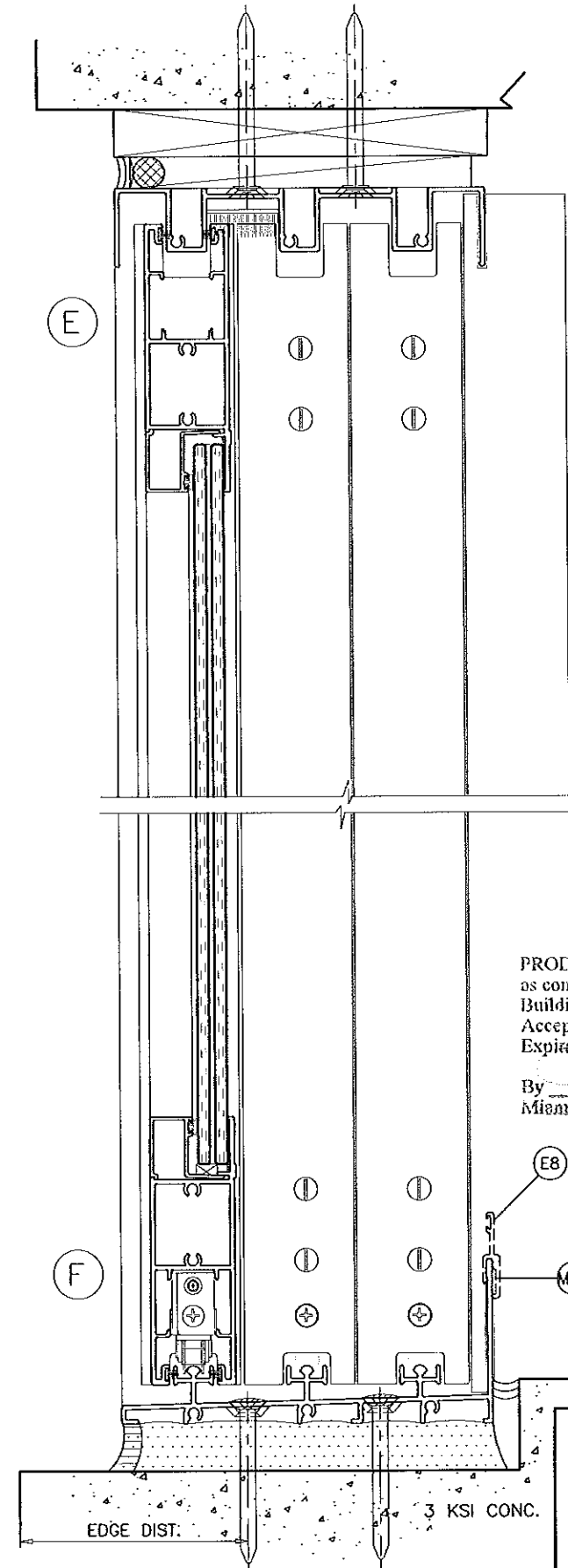
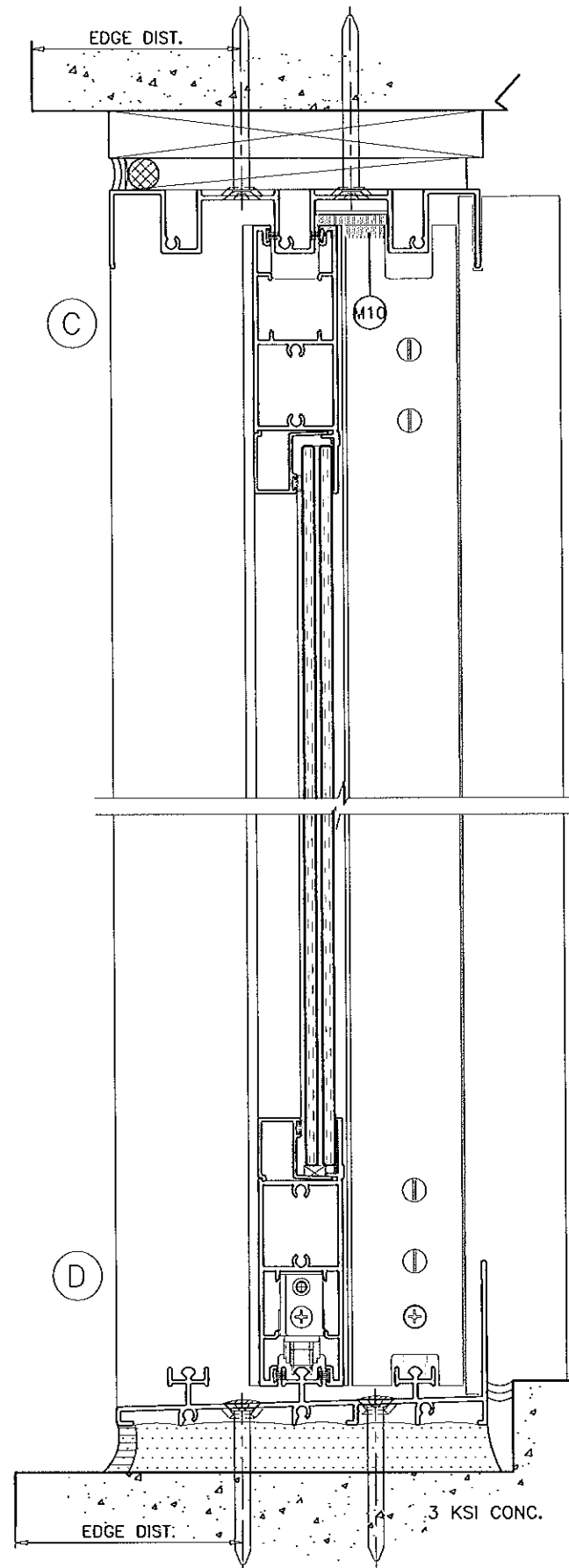
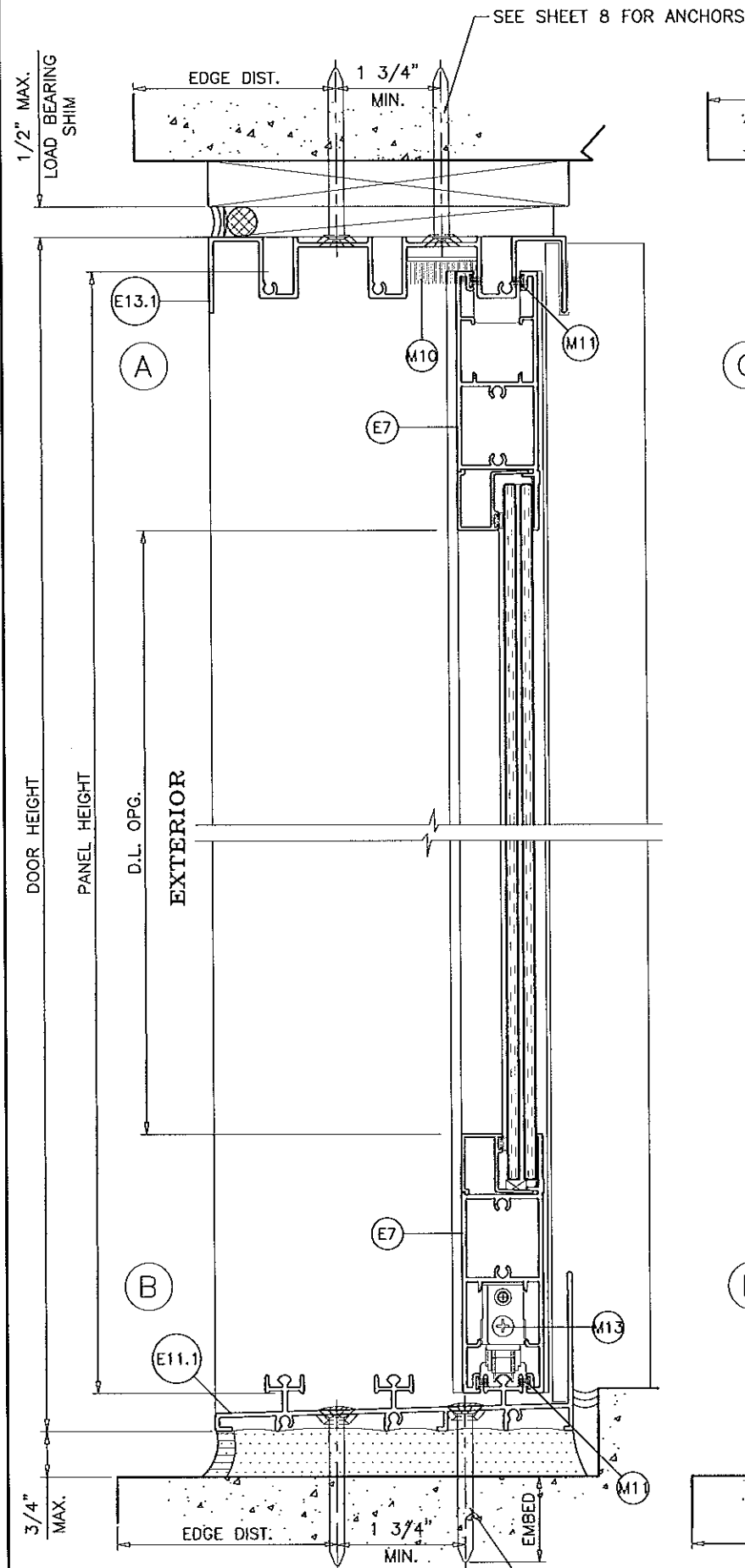
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E	08.29.12		HEAD & SILL REVISED
F	12.04.13		REV. PER RER COMMENTS
G	11.12.13		NO CHANGE THIS SHEET
H	01.16.14		NO CHANGE THIS SHEET

date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

drawing no.
W10-31

sheet 9 of 16

THREE (3) TRACK DOOR DETAILS



WEEP SIZE 3/4" X 3/16"

REFER TO SHEET 8 FOR VARIOUS
INSTALLATION CONDITIONS.

OPTIONAL SLANT SILL ADAPTORS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **13-1171.08**
Expiration Date **09/22/2015**

By *[Signature]*
Miami Design Product Control

SILL RISER
REQD. FOR LOADS
ABOVE +60 PSF

E24 DECORATIVE
SILL COVER
OPTIONAL

E8.1 SILL RISER
REQD. FOR LOADS
ABOVE +60 PSF

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

JAN 22 2014

ALTERNATE THREE (3) TRACK DOOR DETAILS

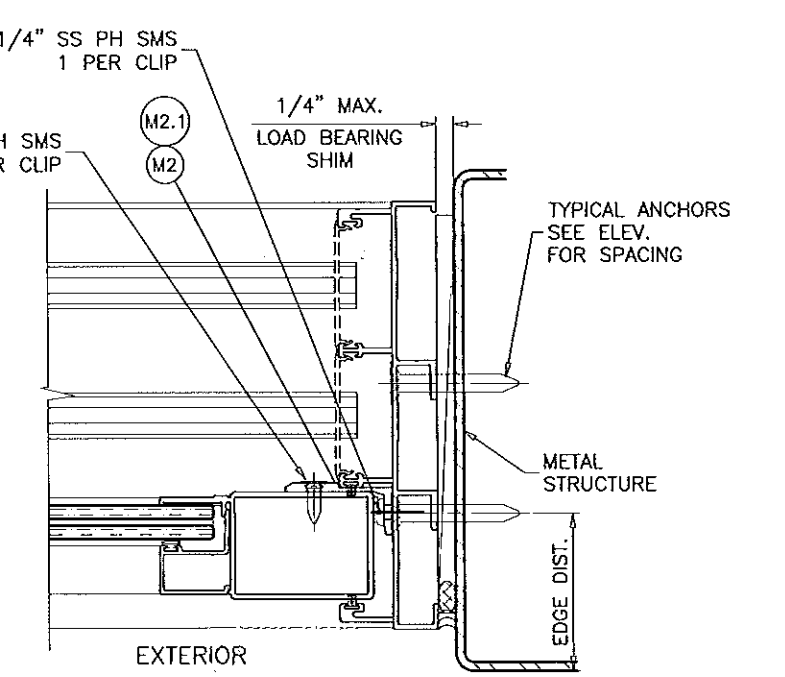
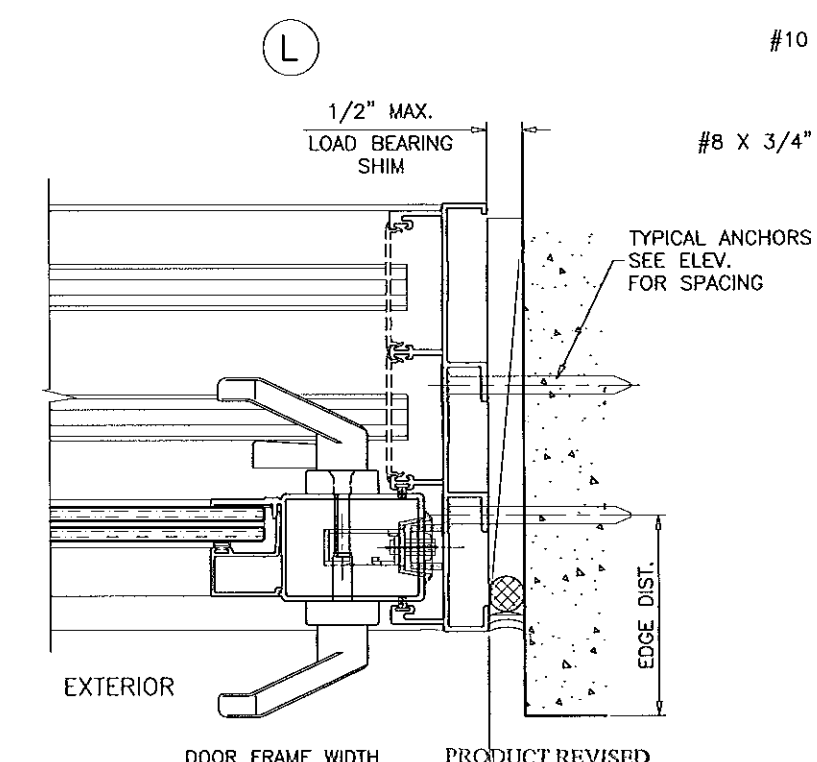
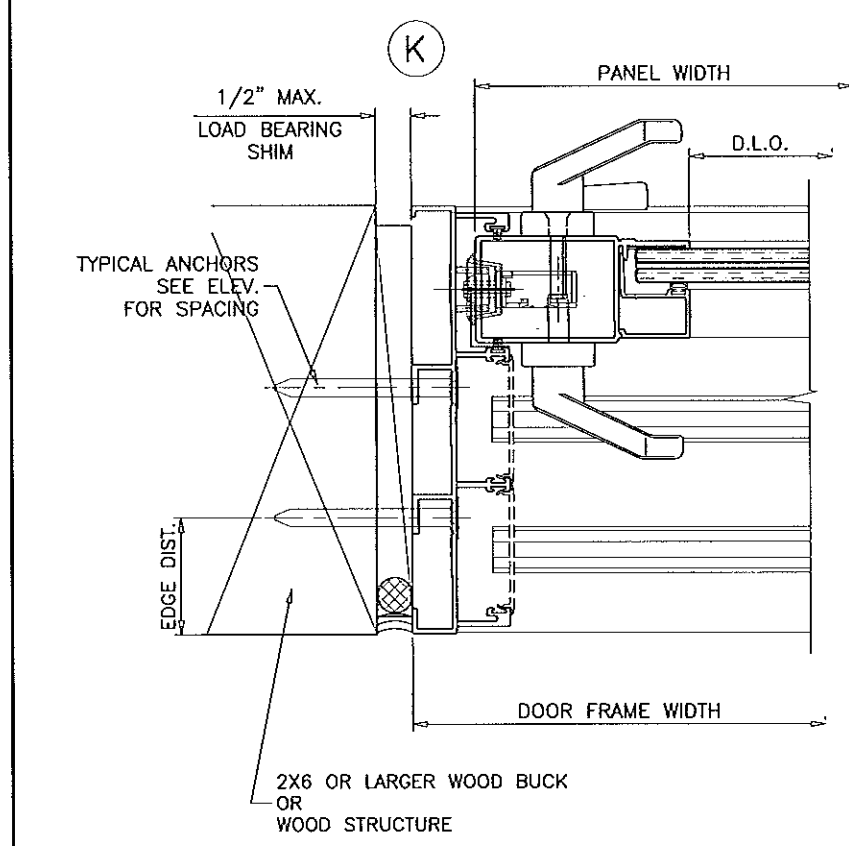
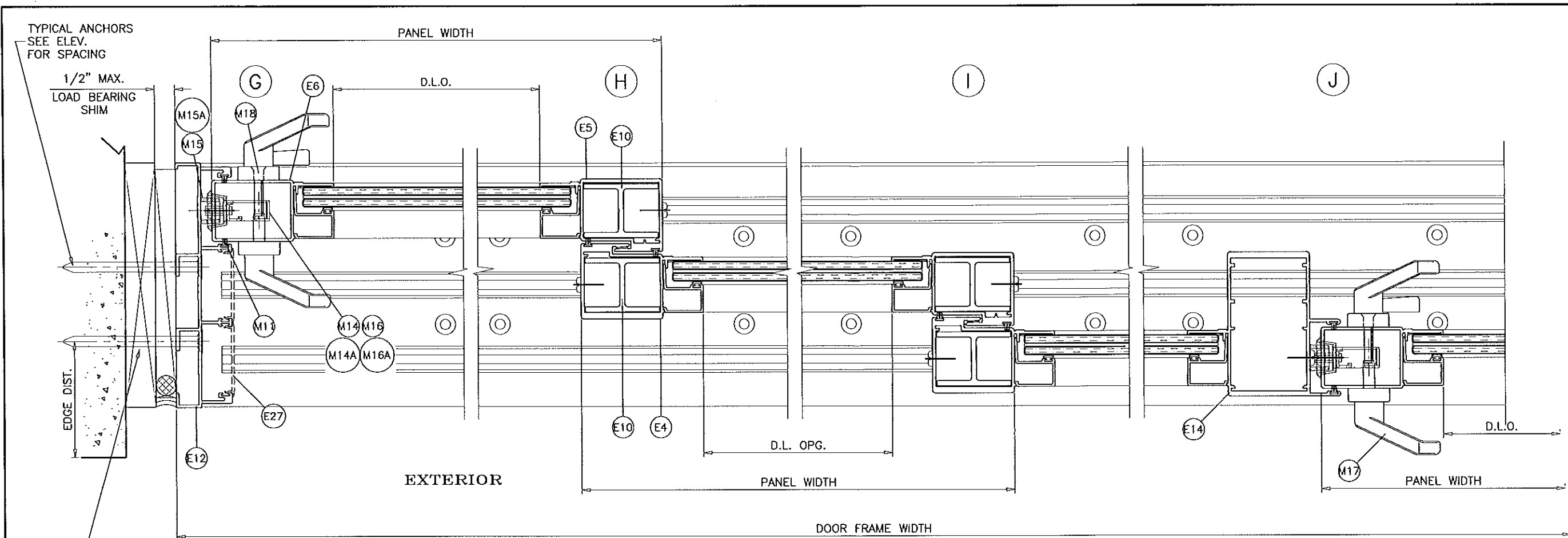
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

revisions:	no	date	by	description
	D	10.10.11		NO CHANGE THIS SHEET
	E	08.29.12		HEAD & SILL REVISED
	F	12.04.12		REV. PER RER COMMENTS
	G	11.12.13		NO CHANGE THIS SHEET
	H	01.16.14		NO CHANGE THIS SHEET

date:	05-20-10
scale:	3/8" = 1"
dr. by:	
chk. by:	

drawing no.	W10-31
sheet	9A of 16



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 13-1121-08
 Expiration Date 09/22/2015
 By *[Signature]*
 Miami Dade Product Control
THREE (3) TRACK DOOR DETAILS

Eng: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 JAN 22 2014

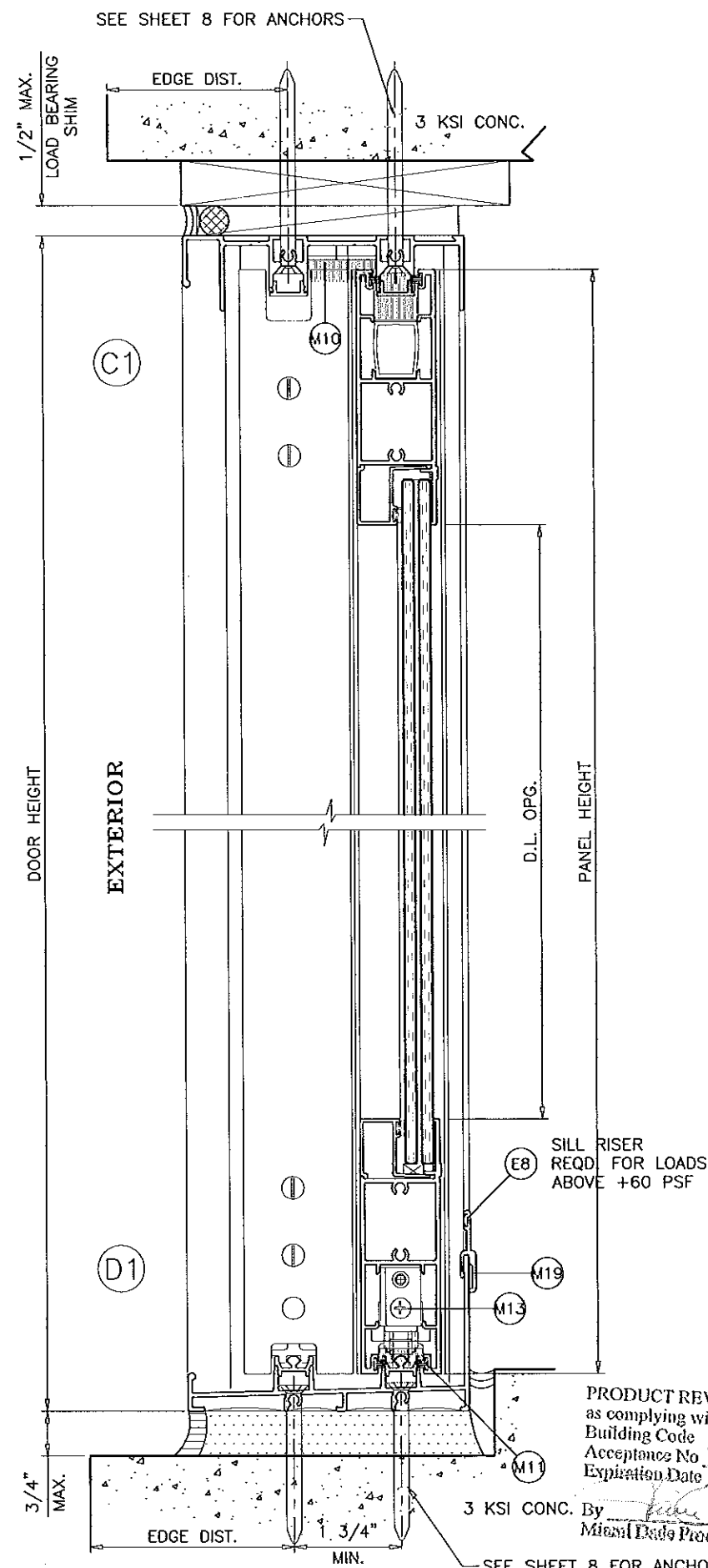
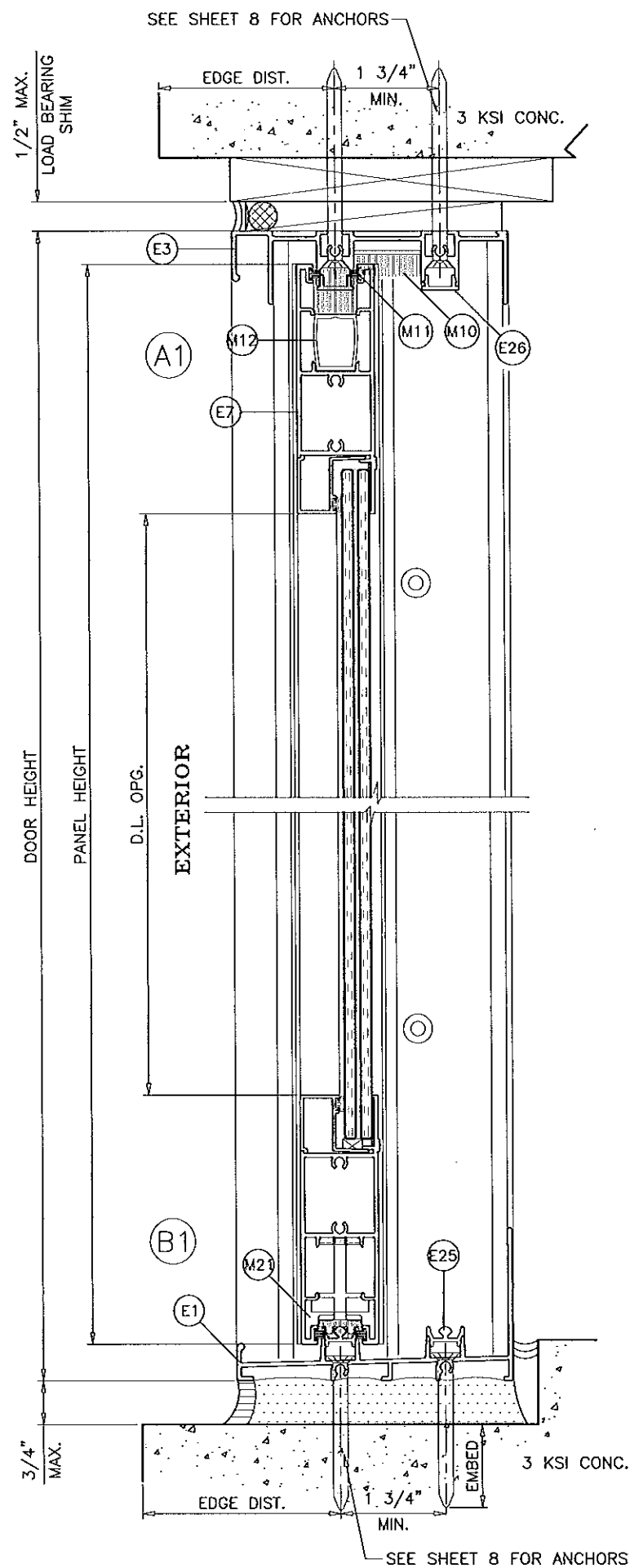
AL-FAROOQ CORPORATION
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no	date	by	description
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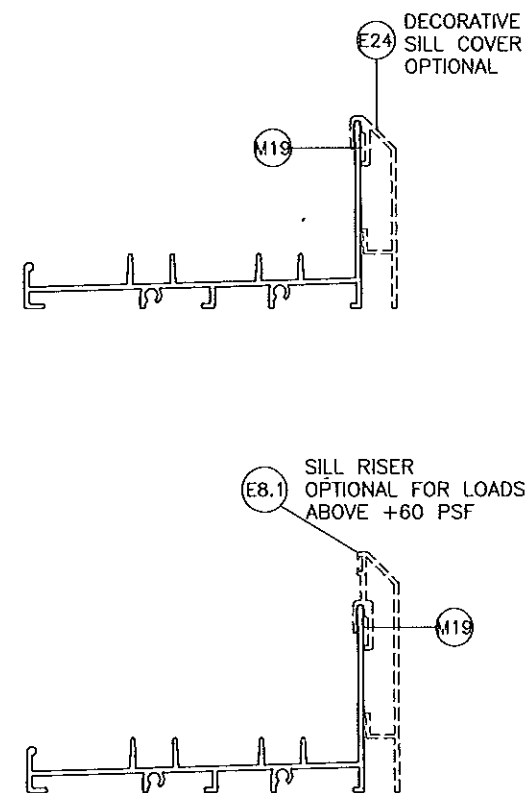
drawing no.
W10-31
 sheet 10 of 16



WEEP SIZE 1/4" X 1/8"

REFER TO SHEET 8 FOR VARIOUS INSTALLATION CONDITIONS.

OPTIONAL SLANT SILL ADAPTORS



PRODUCT REVISED
as complying with the Florida
Building Code
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Expiration Date 09/22/2015
By Miami Data Product Control

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

JAN 22 2012

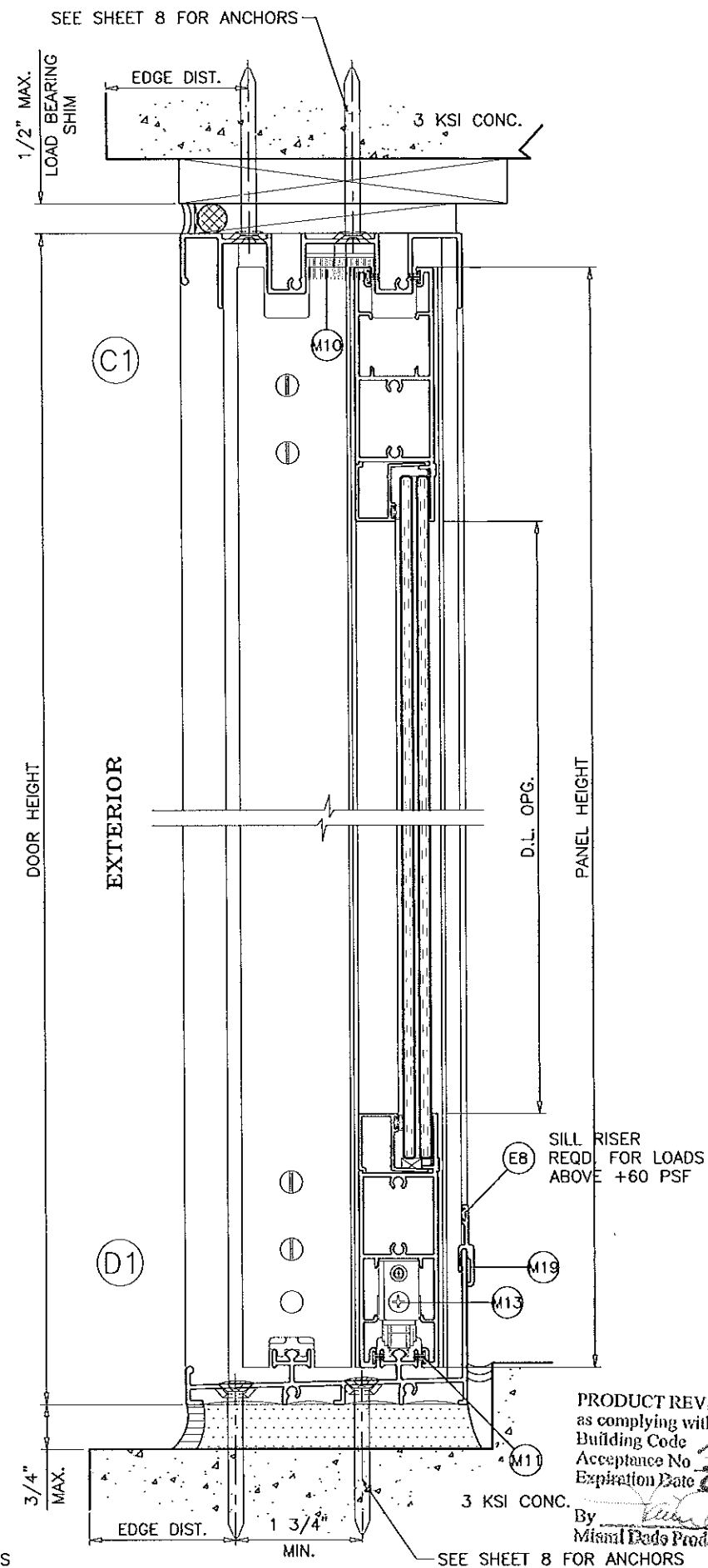
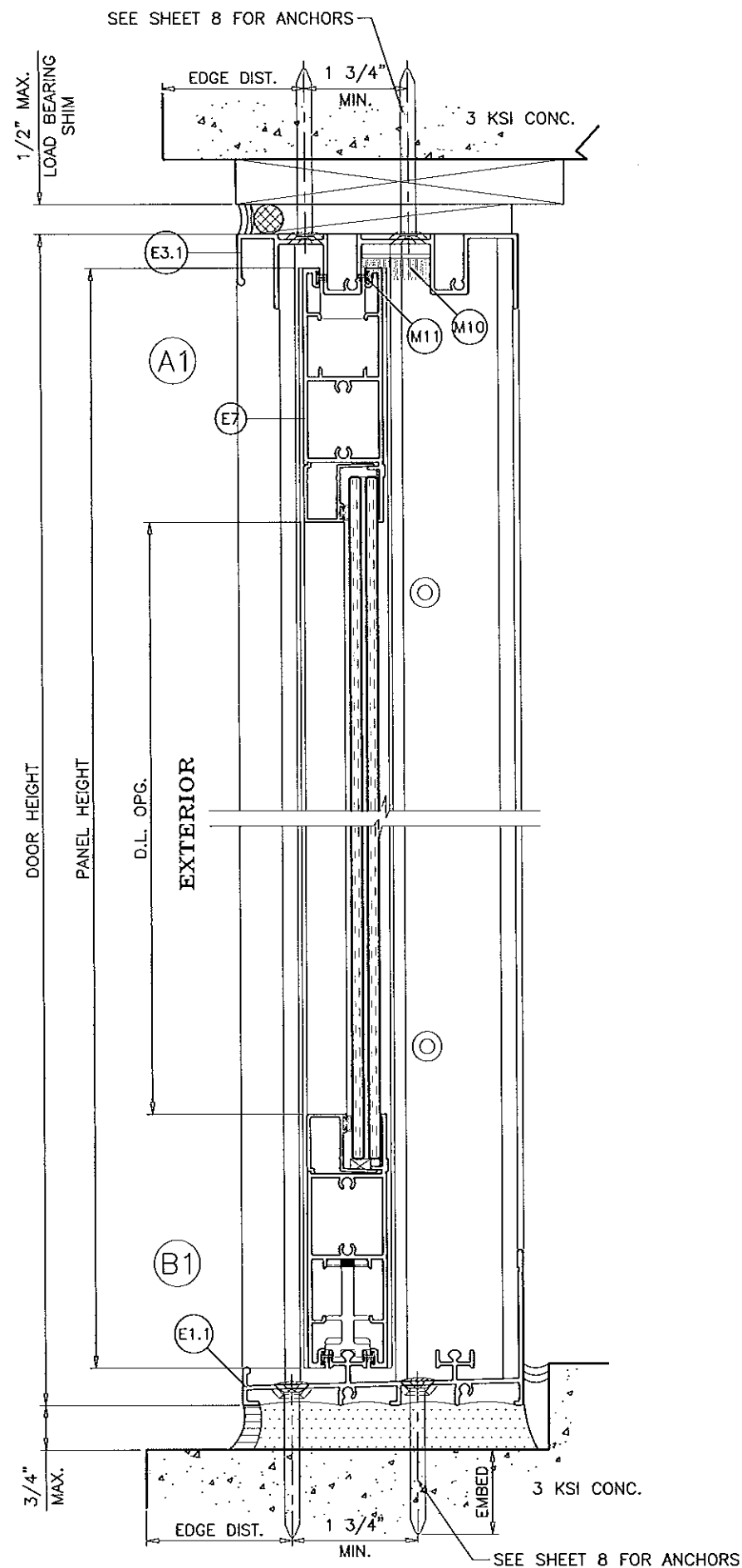
AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

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

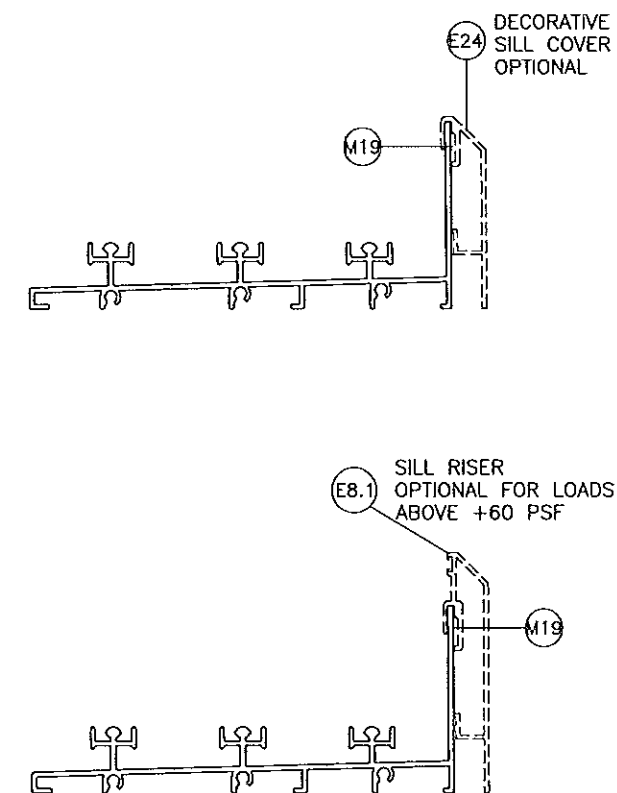
drawing no.
W10-31
sheet 11 of 16



WEEP SIZE 3/4" X 3/16"

REFER TO SHEET 8 FOR VARIOUS INSTALLATION CONDITIONS.

OPTIONAL SLANT SILL ADAPTORS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121-08
Expiration Date 09/22/2016

By *[Signature]*
Miami Dade Product Control

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

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ALTERNATE TWO (2) TRACK DOOR DETAILS

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SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)
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no	date	by	description
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G	11.12.13		NO CHANGE THIS SHEET
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date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

drawing no.
W10-31

sheet 11A of 16

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

1/2" MAX.
LOAD BEARING
SHIM

EDGE DIST.

G1

#10 X 1-1/4" SS PH SMS
1 PER CLIP

M2 M2.1

#8 X 3/4" SS FH SMS
1 PER CLIP

E2

E6

D.L.O.

PANEL WIDTH

DOOR FRAME WIDTH

EXTERIOR

PANEL WIDTH

D.L.O.

H1

E10

E5

J1

M17 PANEL WIDTH

D.L.O.

E9

1BY WOOD BUCKS
SEE NOTE SHEET 1

1/2" MAX.
LOAD BEARING
SHIM

EDGE DIST.

K1

PANEL WIDTH

D.L.O.

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

EMBED

EDGE DIST.

DOOR WIDTH

2BY WOOD BUCK
OR
WOOD STRUCTURE
SEE NOTE SHEET 1

L1

1/2" MAX.
LOAD BEARING
SHIM

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

EXTERIOR

DOOR WIDTH

1/4" MAX.
LOAD BEARING
SHIM

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

METAL
STRUCTURE

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Expiration Date 09/22/2015

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Miami Dade Product Control

TWO (2) TRACK DOOR DETAILS

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CIVIL
FLA. PE # 70592
C.A.N. 3538

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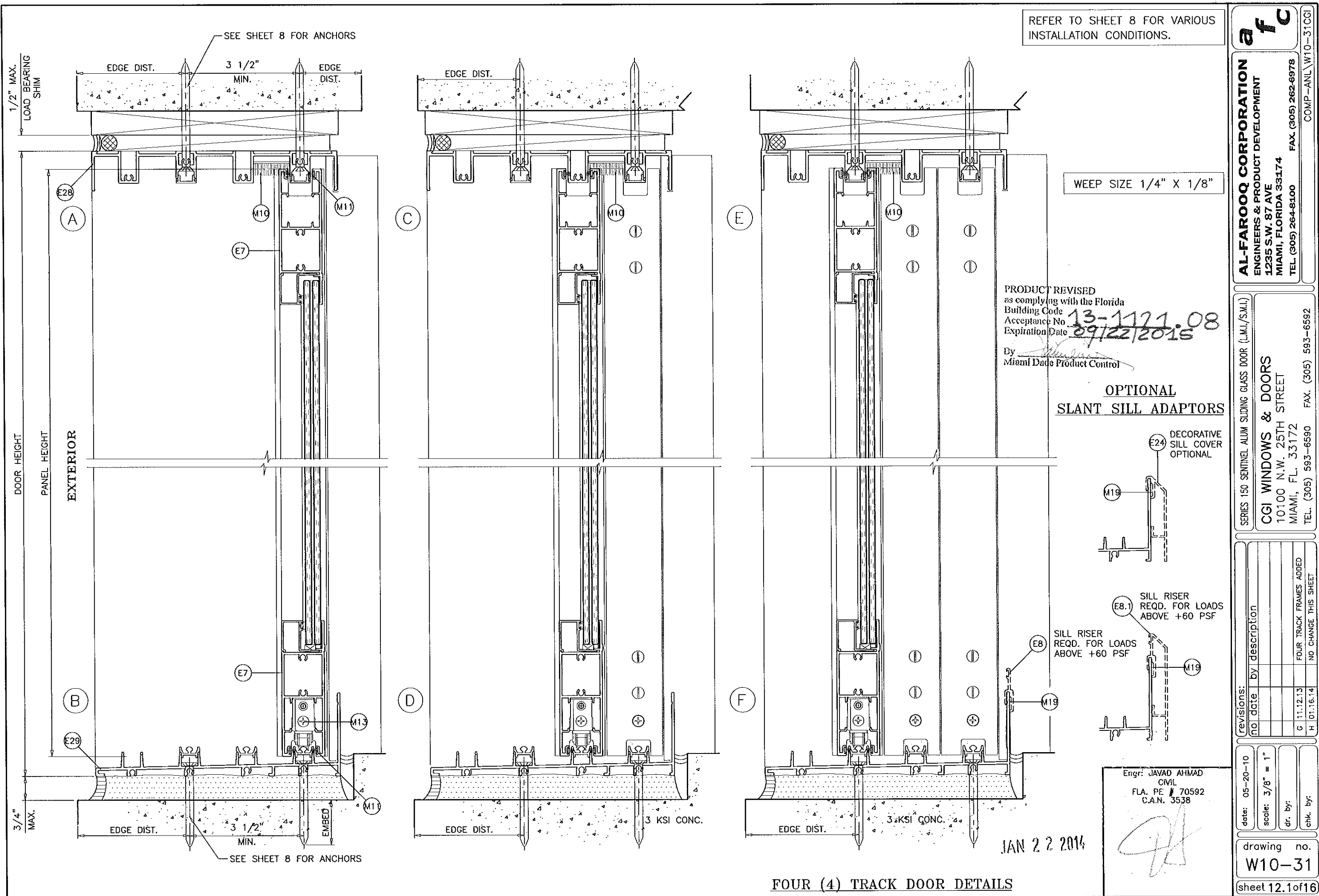
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M./S.M.I.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

revisions:	no	date	by	description
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	F	12.04.12		NO CHANGE THIS SHEET
	G	11.12.13		NO CHANGE THIS SHEET
	H	01.16.14		NO CHANGE THIS SHEET

date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

drawing no.
W10-31

sheet 12 of 16

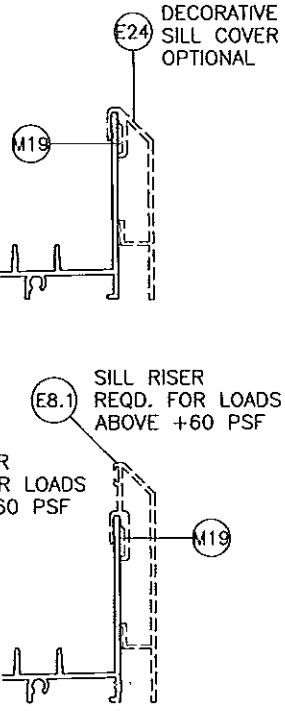


REFER TO SHEET 8 FOR VARIOUS
INSTALLATION CONDITIONS.

WEEP SIZE 1/4" X 1/8"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121-08
Expiration Date 09/22/2015
By *[Signature]*
Miami Dade Product Control

OPTIONAL
SLANT SILL ADAPTORS



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CIVIL
FLA. PE # 70592
C.A.N. 3538

JAN 22 2014

FOUR (4) TRACK DOOR DETAILS

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COMP-ANL\W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

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10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:		no	date	by description
G	11.12.13			FOUR TRACK FRAMES ADDED
H	01.16.14			NO CHANGE THIS SHEET

date: 05-20-10

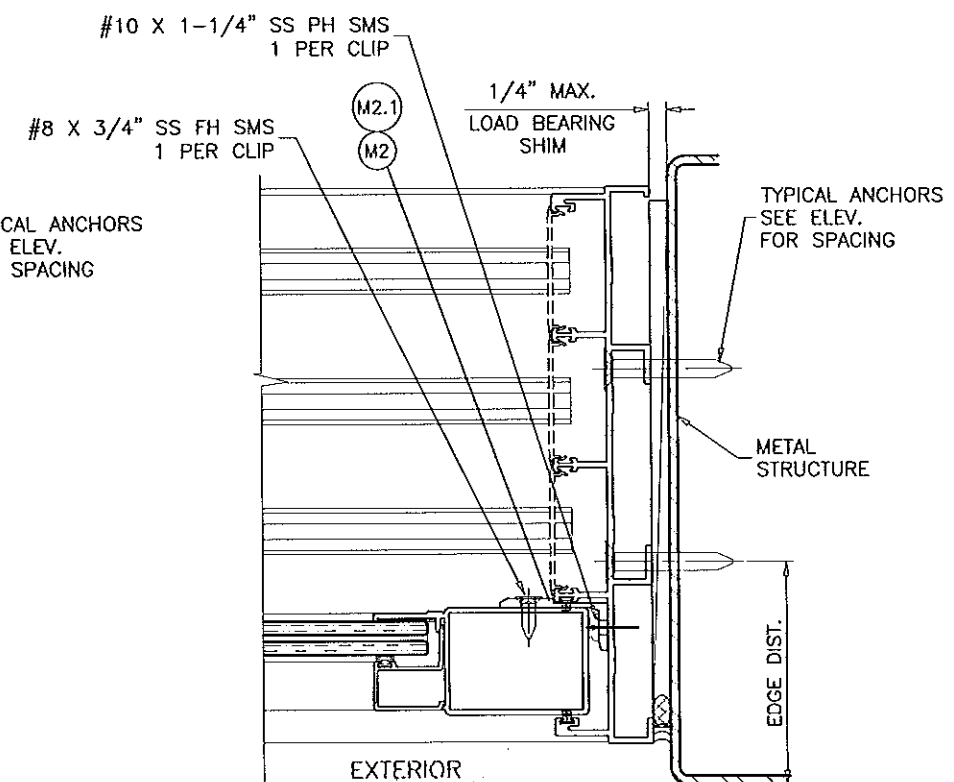
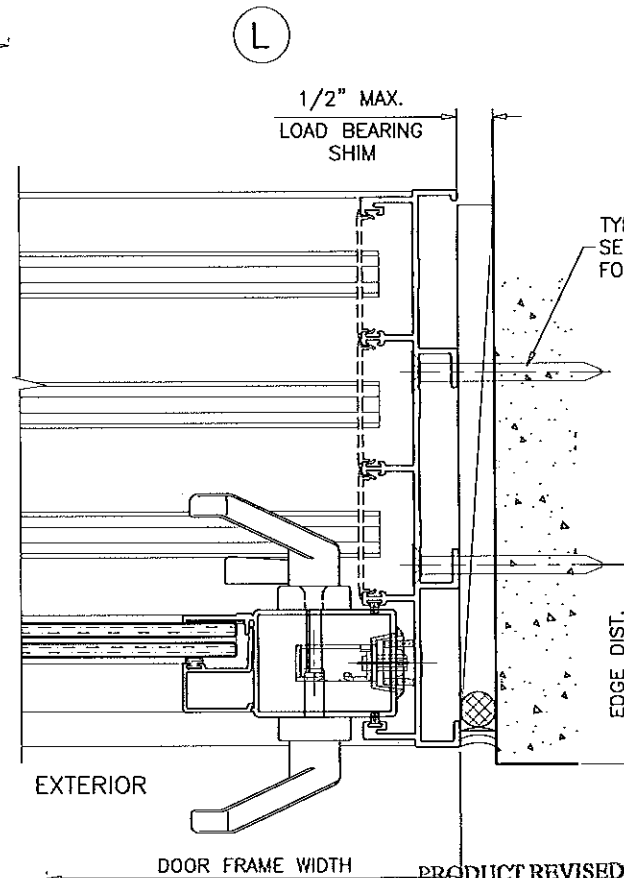
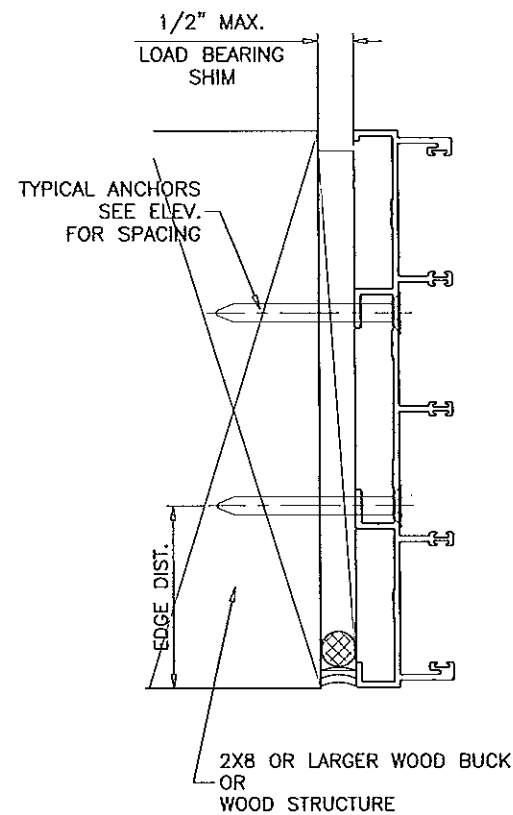
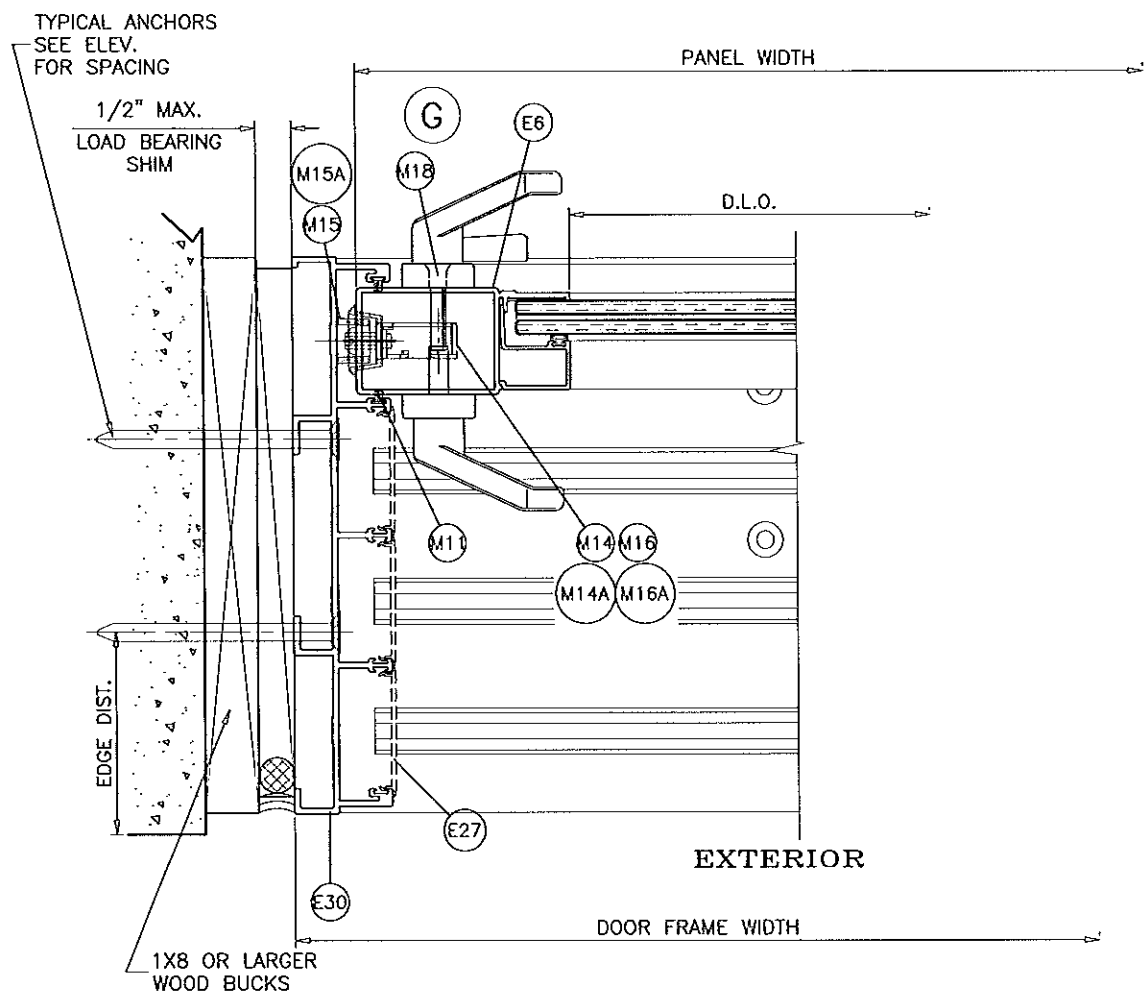
scale: 3/8" = 1"

dr. by:

chk. by:

drawing no.
W10-31

sheet 12.1 of 16



PRODUCT REVISED
as complying with the Florida
Building Code
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Expiration Date 09/22/2015
By *[Signature]*
Miami Dade Product Control
FOUR (4) TRACK DOOR DETAILS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
JAN 22 2016

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ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
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Revisions:	
no	by description
G	11.12.13
H	01.16.14

date: 05-20-10

scale: 3/8" = 1"

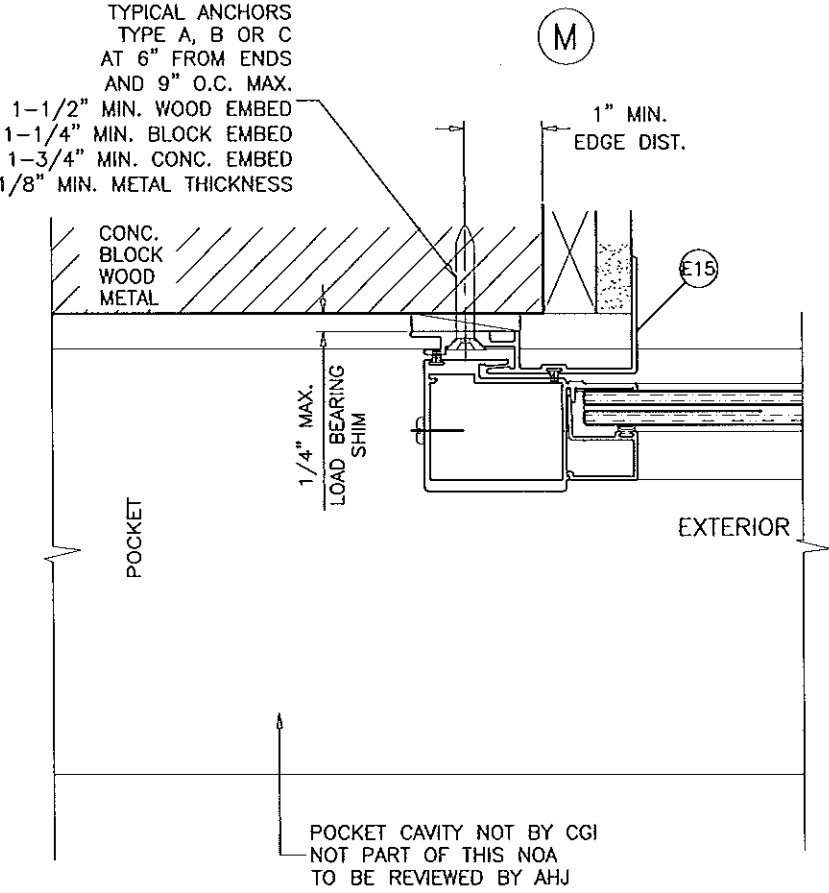
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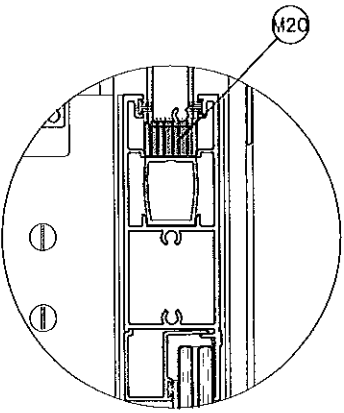
drawing no.
W10-31

sheet 12.2 of 16

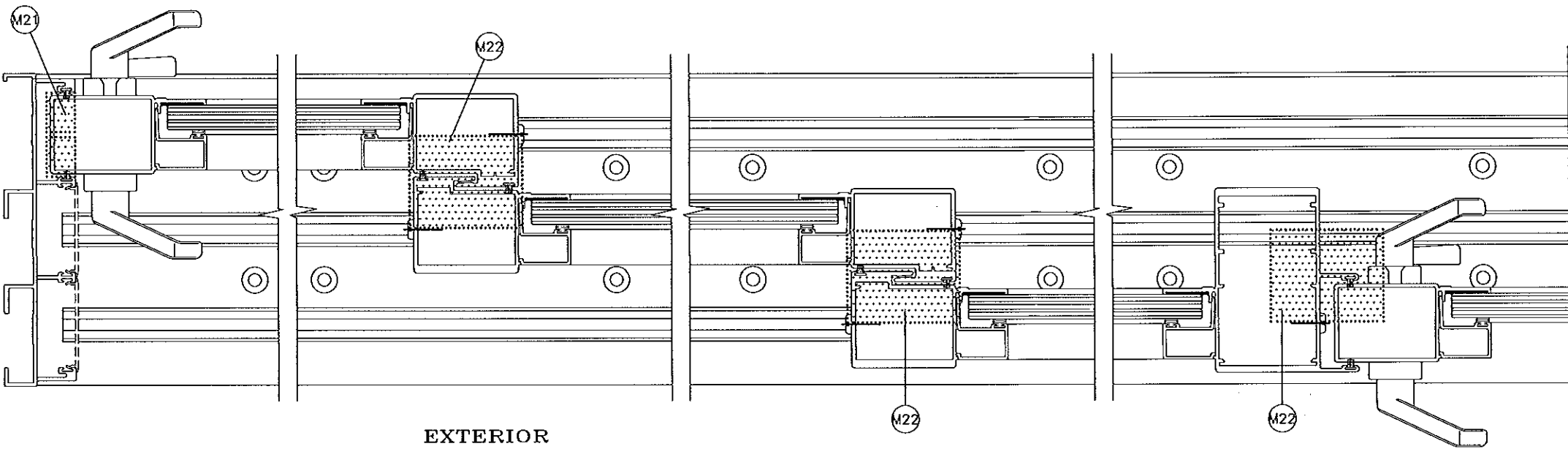
POCKETED JAMB



TYPICAL PAD PILE INSTALATION LOCATION



TYPICAL AT PANEL 4 CORNERS



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Expiration Date 29/22/2015

By [Signature]
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CIVIL
FLA. PE # 70592
C.A.N. 3538

JAN 22 2014

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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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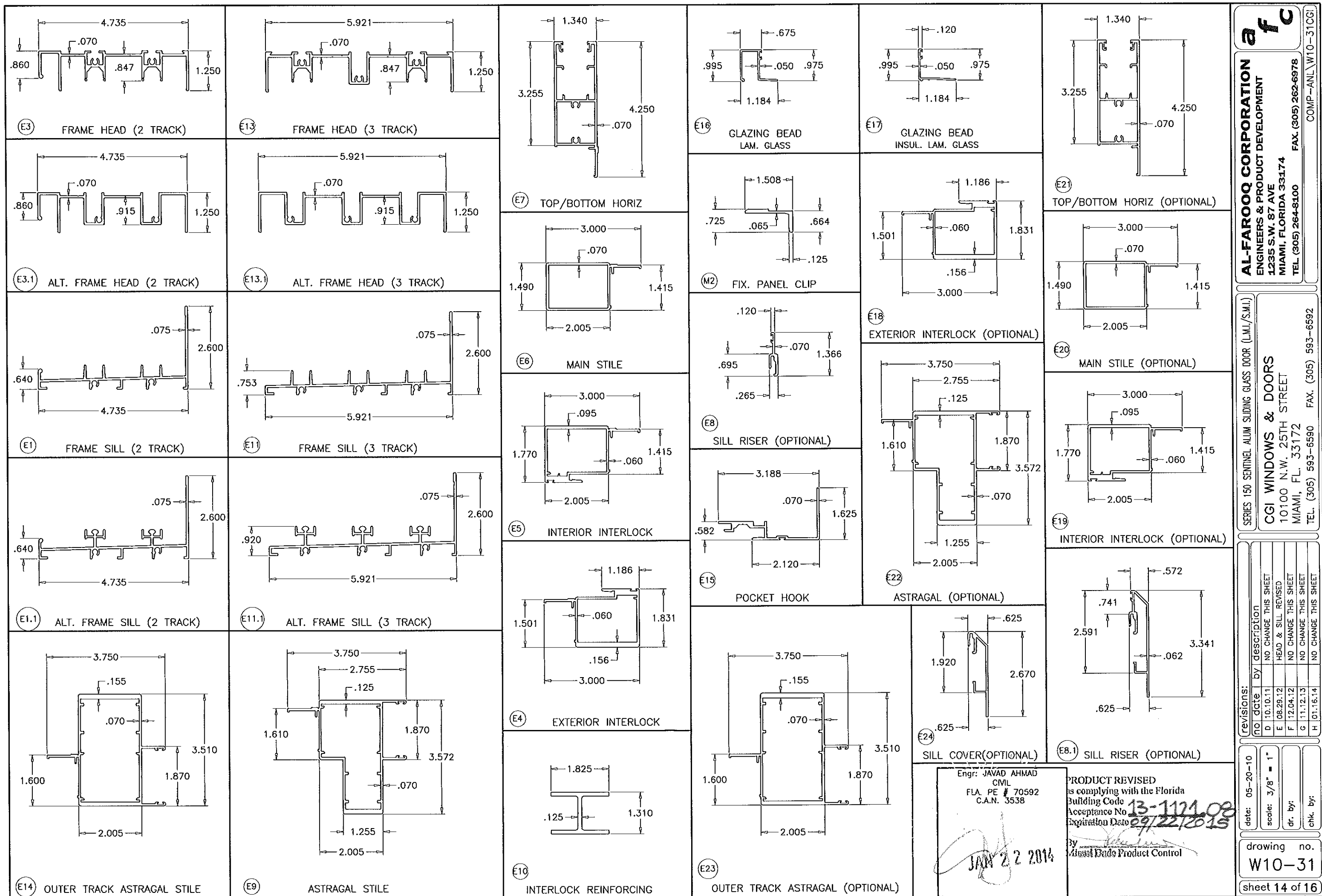
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.L./S.M.L.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
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revisions:	
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sheet 13 of 16



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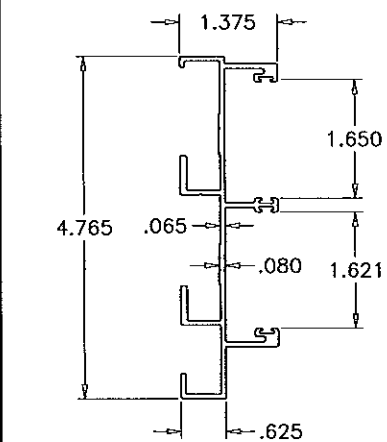
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W10-31
sheet 14 of 16

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

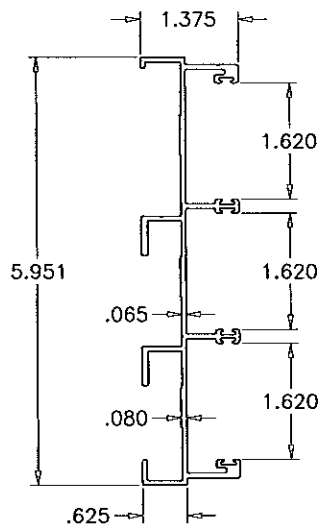
PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 13-1121-08
Expiration Date 09/22/2015

JAN 22 2014

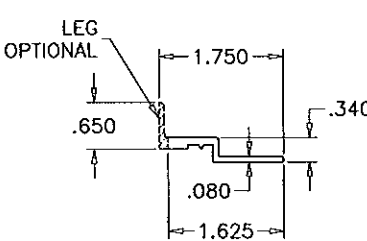
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E1	CGI-183	FRAME SILL 2 TRACK	6063-T6	CGI EXTRUDER	-
E1.1	CGI-150	ALT. FRAME SILL 2 TRACK	6063-T6	CGI EXTRUDER	-
E2	CGI-151	FRAME JAMB 2 TRACK	6063-T6	CGI EXTRUDER	-
E3	CGI-186	FRAME HEAD 2 TRACK	6063-T6	CGI EXTRUDER	-
E3.1	CGI-152	ALT. FRAME HEAD 2 TRACK	6063-T6	CGI EXTRUDER	-
E4	CGI-153	EXTERIOR INTERLOCK	6063-T6	CGI EXTRUDER	-
E5	CGI-154	INTERIOR INTERLOCK	6063-T6	CGI EXTRUDER	-
E6	CGI-155	MAIN STILE	6063-T6	CGI EXTRUDER	-
E7	CGI-156	TOP & BOTTOM HORIZ	6063-T6	CGI EXTRUDER	-
E8	CGI-157	SILL RISER	6063-T6	CGI EXTRUDER	-
E8.1	CGI-181	ALT. SILL RISER(OPTIONAL)	6063-T6	CGI EXTRUDER	-
E9	CGI-158	ASTRAGAL	6063-T6	CGI EXTRUDER	-
E10	CGI-159	INTERLOCK REINFORCING (LENGTH = FRAME HT. - 8")	6063-T6	CGI EXTRUDER	-
E11	CGI-182	FRAME SILL 3 TRACK	6063-T6	CGI EXTRUDER	-
E11.1	CGI-160	ALT. FRAME SILL 3 TRACK	6063-T6	CGI EXTRUDER	-
E12	CGI-161	FRAME JAMB 3 TRACK	6063-T6	CGI EXTRUDER	-
E13	CGI-185	FRAME HEAD 3 TRACK	6063-T6	CGI EXTRUDER	-
E13.1	CGI-162	ALT. FRAME HEAD 3 TRACK	6063-T6	CGI EXTRUDER	-
E14	CGI-168	OUTER-TRACK ASTRAGAL	6063-T6	CGI EXTRUDER	-
E15	CGI-170	POCKET HOOK	6063-T6	CGI EXTRUDER	-
E16	CGI-121	7/16" GLASS GLAZING BEAD	6063-T5	CGI EXTRUDER	-
E17	CGI-123	1" GLASS GLAZING BEAD	6063-T5	CGI EXTRUDER	-
E18	CGI-153A	EXTERIOR INTERLOCK (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E19	CGI-154A	INTERIOR INTERLOCK (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E20	CGI-155A	MAIN STILE (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E21	CGI-156A	TOP & BOTTOM HORIZ (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E22	CGI-158A	ASTRAGAL (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E23	CGI-168A	OUTER-TRACK ASTRAGAL (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E24	CGI-180	DECORATIVE SILL COVER (OPTIONAL)	6063-T6	CGI EXTRUDER	-
E25	CGI-184	2 & 3 TRACK FRAME SILL SCREW COVER	6063-T6	CGI EXTRUDER	-
E26	CGI-187	2 & 3 TRACK FRAME HEAD SCREW COVER	6063-T5	CGI EXTRUDER	-
E27	CGI-188	FRAME JAMB SCREW COVER (OPTIONAL)	6063-T5	CGI EXTRUDER	-
E28	CGI-1028	FRAME HEAD 4 TRACK	6063-T6	CGI EXTRUDER	-
E29	CGI-1029	FRAME SILL 4 TRACK	6063-T6	CGI EXTRUDER	-
E30	CGI-1030	FRAME JAMB 4 TRACK	6063-T6	CGI EXTRUDER	-
M1	CGI-382V	GLAZING BULB VINYL (DUROMETER 75-80 SHORE A)	PVC	-	-
M2	CGI-171C	FIXED PANEL CLIP (2-1/2" LONG)	6063-T5	-	2 @ FIXED PANEL
M2.1	CGI-171	ALT. FIXED PANEL CLIP (2-1/2" LONG)	6063-T5	-	2 @ FIXED PANEL
M3	CGI-173	FIXED PANEL SHIM	NYLON	-	2 PER FIXED PANEL
M10	CGI-176	FRAME HEAD ANTLIFT & PAD PILE	WOOL/NYLON	SULLIVAN	1 PER INTERLOCK/ASTR.
M11	W23201NG	PILE WITH CENTER FIN	WOOL	ULTRAFAB OR EQUIV.	-
M12	CGI-177	PANEL TOP & BOTTOM DUST PILE	WOOL/PVC	SULLIVAN	-
M13	TA-51	ST/ST ROLLER	ST/ST	AMESBURY OR EQUIV.	2 PER PANEL
M14	SGD-500	MORTISE LOCK	ST/ST	SULLIVAN	ATTACHED TO SGD-503
M14A	PS01-0036-117	MORTISE LOCK	ST/ST	INTERLOCKS	ATTACHED TO M16A
M15	SGD-507	KEEPER	ZINC	SULLIVAN	INST. W/ 2 #10X3/4" PH
M15A	SGD-507N	KEEPER	ZINC	INTERLOCKS	INST. W/ 2 #10X3/4" PH
M16	SGD-503	RECESSED ADAPTOR	ZINC	SULLIVAN	INST. W/ 2 #10X3/4" FH
M16A	PS01-0036-117	RECESSED ADAPTOR	ZINC	INTERLOCKS	INST. W/ 2 #10X3/4" FH
M17	SGD-5500	HANDLE SET	ZINC	SULLIVAN/INTERLOCKS	-
M18	SM2300WH	HANDLE SET OPTIONAL	ZINC	SULLIVAN	-
M19	SCS2000 SILPRUF	SEALANT	SILICONE	GE	-
M20	CGI-177	PANEL TOP & BOTTOM DUST PILE	WOOL	SULLIVAN OR EQUIV.	4 PER PANEL
M21	CGI-174	HEAD AND SILL SMALL PILE PAD	WOOL	ULTRAFAB OR EQUIV.	1 PER INTERLOCK/ASTRAGAL
M22	CGI-175	SILL INTERLOCK PILE PAD	WOOL	ULTRAFAB OR EQUIV.	-
S2	-	#10 X 1 1/4" LG. PHL. PH. SMS. ST/ST. ASSEMBLY SCREW	-	-	2 OR 3 PER CORNER



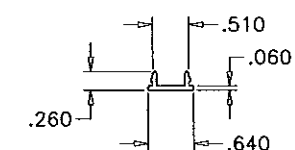
E2 FRAME JAMB (2 TRACK)



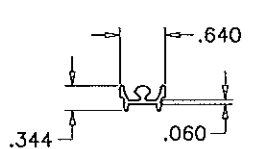
E12 FRAME JAMB (3 TRACK)



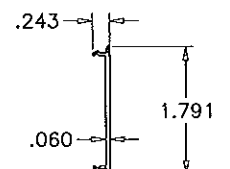
M2.1 ALT. FIX. PANEL CLIP



E26 FRAME HEAD COVER



E25 FRAME SILL COVER



E27 FRAME JAMB COVER

LOCK:

LOCK SYSTEM BY 'SULLIVAN' OR 'INTERLOCK' LOCATED AT MAIN STILE AT 40" FROM BOTTOM
SS MORTISE LOCK (PART #SGD-500) (PS01-0036-117)
ZINC RECESSED ADAPTOR (PART #SGD-503) (PS01-0036-117)
ZINC HANDLE SET (PART #SM5500) & (PART #SM2300WH)
ZINC KEEPER (PART #SGD-507) (PART #SGD-507N)

DESIGN REVISIONS
as complying with the Florida
Building Code
Acceptance No. 13-1121.08
Expiration Date 09/22/2019
By: [Signature]
Date: [Blank]
Title: Product Control

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
JAN 22 2014

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANLW10-31CGI

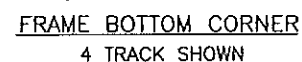
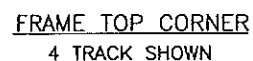
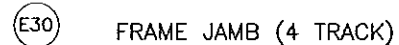
SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

revisions:		no	date	by	description
D	10.10.11				NO CHANGE THIS SHEET
E	08.29.12				HEAD & SILL REVISED
F	12.04.12				REV. PER PER COMMENTS
G	11.12.13				FOUR TRACK FRAMES ADDED
H	01.16.14				NO CHANGE THIS SHEET

date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

drawing no.
W10-31
sheet 15 of 16



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

JAN 22 2014

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SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M.I./S.M.I.)

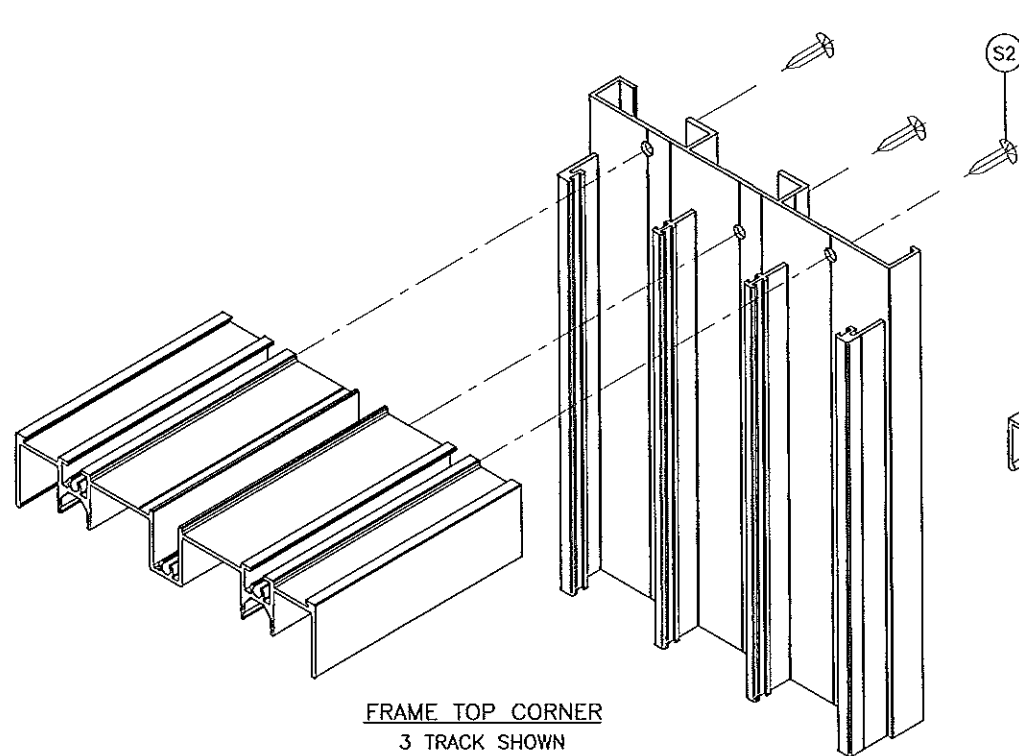
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

date: 05-20-10
scale: 3/8" = 1"
dr. by:
chk. by:

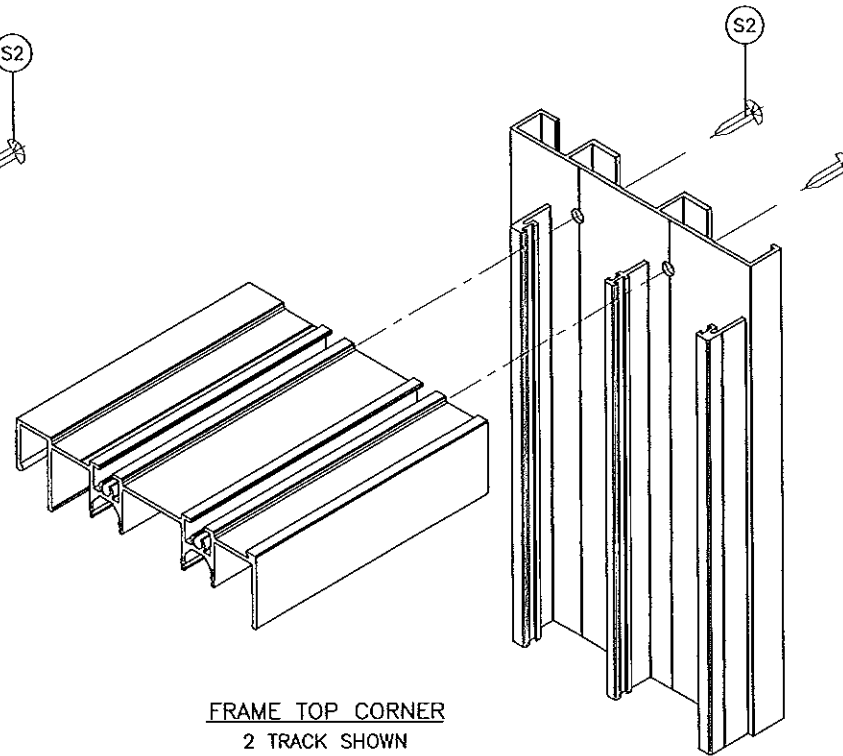
drawing no.

W10-31

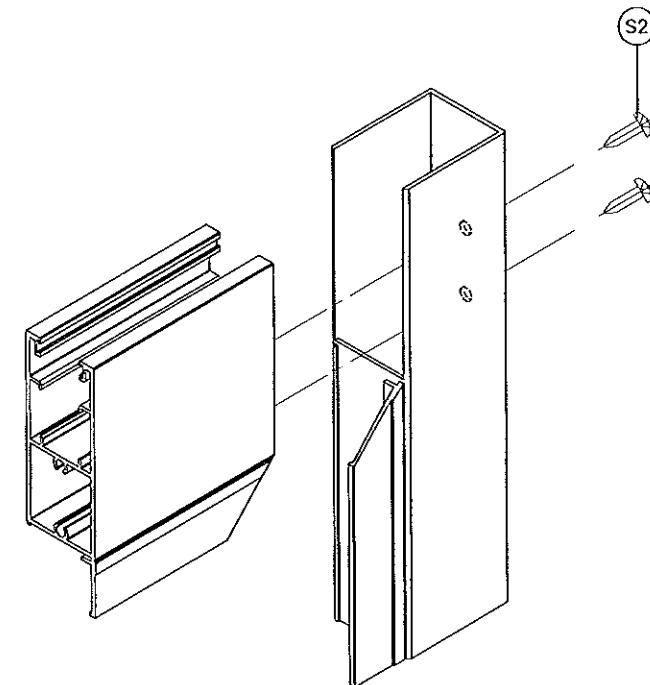
sheet 15.1 of 1



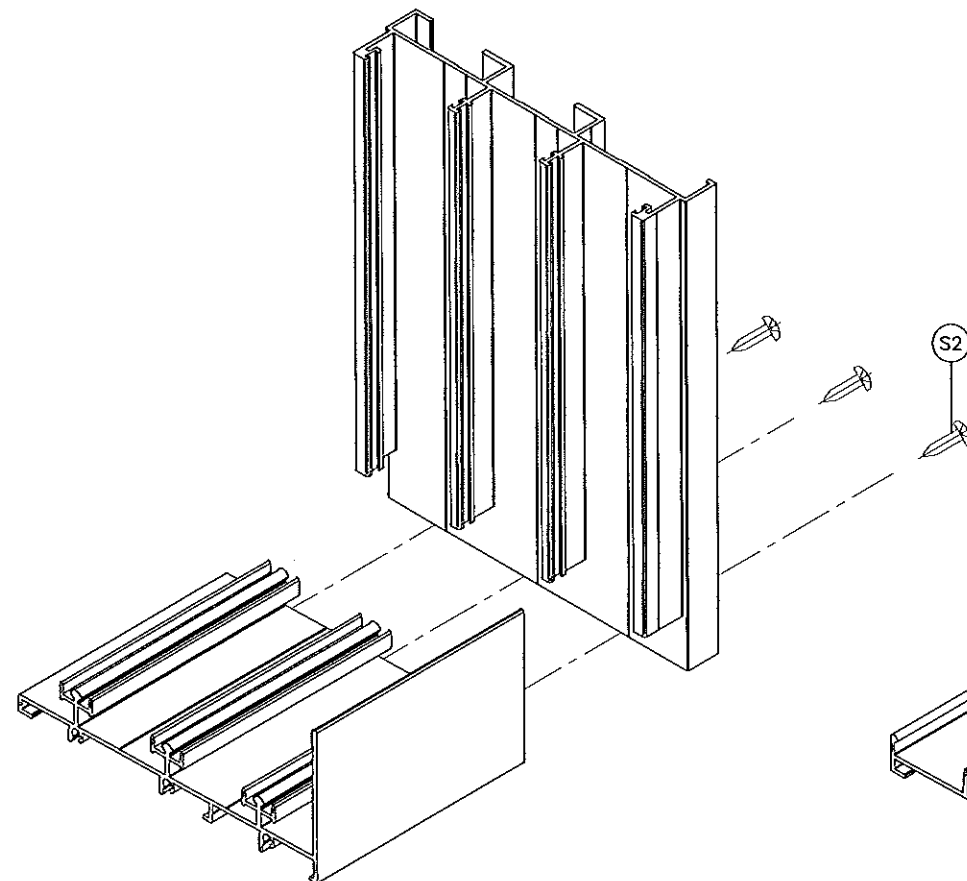
FRAME TOP CORNER
3 TRACK SHOWN



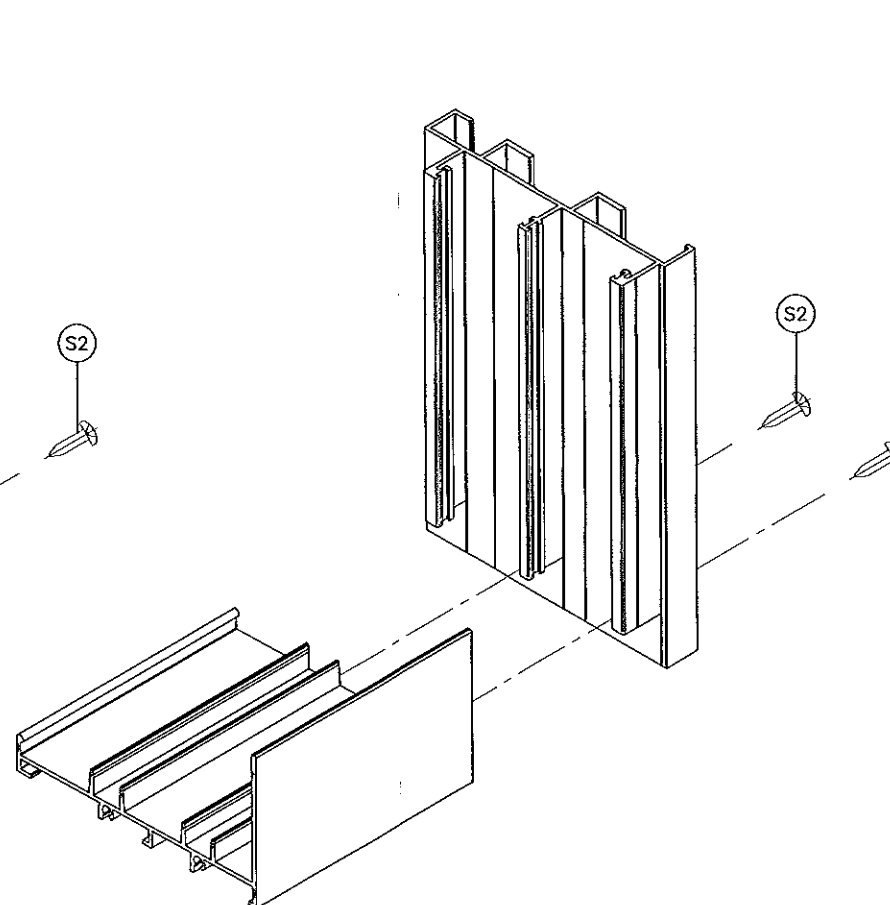
FRAME TOP CORNER
2 TRACK SHOWN



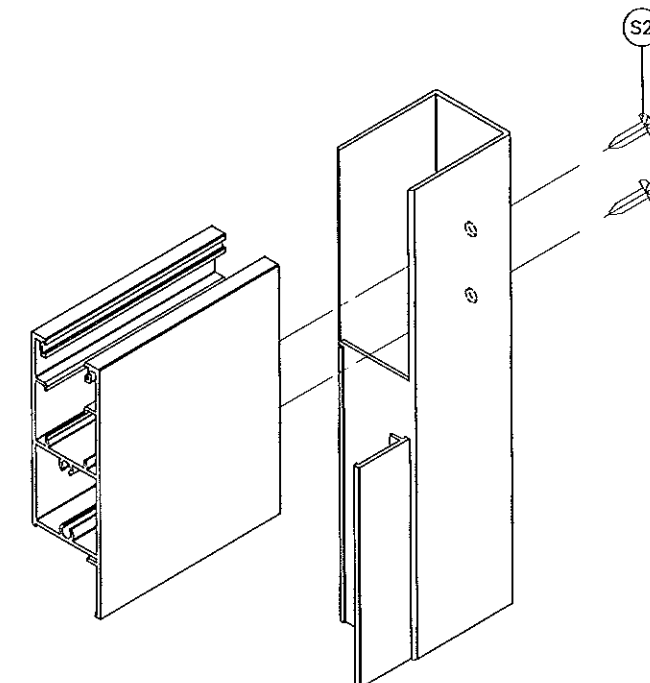
PANEL TOP/BOTTOM CORNER
MITERED BEAD CORNER (TYPICAL)



FRAME BOTTOM CORNER
3 TRACK SHOWN



FRAME BOTTOM CORNER
2 TRACK SHOWN



PANEL TOP/BOTTOM CORNER
SQUARE BEAD CORNER (OPTIONAL)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-1121.08
Expiration Date 29/12/2015
By *[Signature]*
Miami Dade Product Control

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
JAN 22 2014

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 W10-31CGI

SERIES 150 SENTINEL ALUM SLIDING GLASS DOOR (L.M./S.M.L.)
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL (305) 593-6590 FAX (305) 593-6592

no	date	by	description
D	10.10.11		NO CHANGE THIS SHEET
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drawing no.
W10-31
sheet 16 of 16