MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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

NOTICE OF ACCEPTANCE (NOA)

EAS Doors & Windows, Inc.
43 Jet Drive NW
Fort Walton Beach, FL 32548

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: EAS In-Line Super Seal Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-142**, titled "EAS In-Line Super Seal Sliding Glass Door" sheets 1 through 14 of 14, dated 09/03/2008, with revision 2 dated 05/17/2013, prepared by Knezevich Consulting, LLC, signed and sealed by John W. Knezevich, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing plant's city and state, model/series, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the active door panel's hinge stile.

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 # 08-0924.10** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY APPROVED

07/30/2013

NOA No. 13-0604.13
Expiration Date: March 25, 2014
Approval Date: August 8, 2013

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **08-142**, titled "EAS In-Line Super Seal Sliding Glass Door" sheets 1 through 14 of 14, dated 09/03/08, with revision 2 dated 05/17/2013, prepared by Knezevich Consulting, LLC, signed and sealed by John W. Knezevich, P.E.

B. TESTS *"Submitted under NOA # 08-0924.10"*

1. Addendum to Test Report No. **0429.01-08**, prepared by American Test Lab of South Florida, dated 02/09/2009, signed and sealed by William R. Mehner, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

   along with marked-up drawings and installation diagram of EAS In-Line Aluminum Sliding Glass Door, prepared by American Test Lab of South Florida, Test Report No. **0429.01-08**, dated 06/30/2008, signed and sealed by William R. Mehner, P.E.

C. CALCULATIONS

1. Anchoring verification calculations prepared by Knezevich Consulting, LLC, complying with F.B.C 2010, dated 05/30/2013, signed and sealed by John W. Knezevich, P.E.
   (Glazing complies with ASTM E1300-04)

   "Submitted under NOA # 08-0924.10"
2. Anchoring verification calculations prepared by Knezevich Consulting, LLC, complying with F.B.C 2007, dated 09/12/2008, signed and sealed by John W. Knezevich, P.E.
   (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, for "SentryGlas® Interlayer", approved on 08/25/2011, expiring on 01/14/2017.

F. STATEMENTS

1. Drawing No. **08-142** statement of code conformance to 2010 FBC issued by Knezevich Consulting, LLC, dated 05/17/2013, signed and sealed by John W. Knezevich, P.E.

   "Submitted under NOA # 08-0924.10"
2. Letter of code conformance and no financial interest issued by Knezevich Consulting, LLC, dated 09/16/2008, signed and sealed by John W. Knezevich, P.E.
3. Laboratory compliance letter issued by Ameican Test Lab of South Florida for Test Report No. **0429.01-08**, dated 06/30/2008, signed and sealed by William R. Mehner, P.E.

07/30/2013

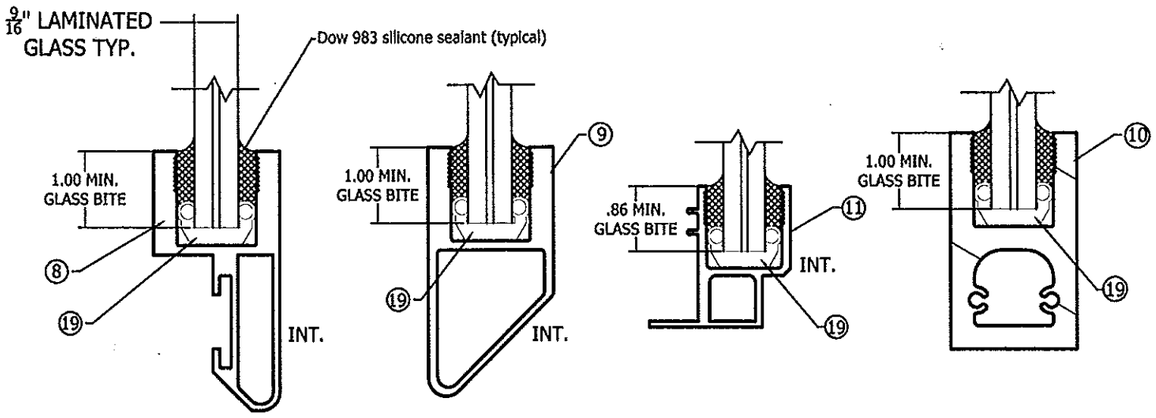
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0604.13
Expiration Date: March 25, 2014
Approval Date: August 8, 2013

GENERAL NOTES:

1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT AN ALUMINUM SLIDING GLASS DOOR SYSTEM DESIGNED AND TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE, 2010 EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE PROVISIONS.
2. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED FOR A MAXIMUM POSITIVE AND NEGATIVE WIND LOAD AND IMPACT RATING AS INDICATED BELOW. THE DESIGN PRESSURE RATING IS BASED ON ALLAWABLE WIND LOADS. WINDLOADS DETERMINED IN ACCORDANCE WITH ASCE 7-10 MAY BE MULTIPLIED BY 0.6. REFERENCE FBC SECTION 1609.1.5.

Design Pressure Rating	Impact Rating
+/- 125 psf	Large and Small Missile Impact

3. THIS SLIDING GLASS DOOR SYSTEM IS TESTED IN COMPLIANCE WITH TAS 201, 202, AND 203.
4. GLASS DESIGN IS IN CONFORMANCE WITH ASTM E1300-04.
5. THIS SYSTEM MAY BE USED WHERE WATER INFILTRATION REQUIREMENTS ARE REQUIRED. WATER INFIRTRATION RESISTANCE QUALIFIES AT UP TO 20% OF THE POSITIVE LOAD RATING, EQUIVALENT TO THE AAMA ARCHITECTURAL RATING.
6. REFERENCE:
   a. ATL TEST REPORT #0429.01-08
7. THE REQUIRED DESIGN WIND LOADS FOR A SPECIFIC APPLICATION OF THIS SYSTEM SHALL BE DETERMINED IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY.
8. CONNECTIONS TO EXISTING STRUCTURE ARE VERIFIED WITH CALCULATIONS AND AN ALLOWABLE STREES INCREASE IS NOT USED, EXCEPT A LOAD DURATION OF 1.33 IS USED FOR ANCHORAGE TO WOOD.
9. ANCHORAGE TO EXISTING STRUCTURE SHALL BE AS SPECIFIED HEREIN WITH EDGE DISTANCE AND EMBEDMENT MEASURED FROM THE STRUCTURE, BEYOND ANY STUCCO OR FINISH MATERIAL.
10. ANCHORAGE CONDITIONS NOT SHOWN HEREIN ARE BEYOND THE SCOPE OF THESE APPROVAL DOCUMENTS.
11. 1x AND 2x WOOD BUCKS SHALL BE DESIGNED BY OTHERS TO TRANSFER THE LOADS TO SUPPORTING STRUCTURE.
12. THESE PRODUCT EVALUATION DOCUMENTSARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SYSTEM.
13. THESE PRODUCT EVELUATION DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE IS CAPABLE OF SUPPORTING THE SUPERIMPOSED LOADS AND DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURE SUBSTRATES DETAILED HEREIN.
14. ANY MODIFICATIONS OR ADDITIONS TO THESE PRODUCT EVALUATION DOCUMENTS WILL VOID THE DOCUMENTS.
15. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FBC, SECTION 2003.8.4.
16. INSTALLATION SCREWS, FRAME CORNERS, AND PANEL CORNERS SHALL BE SEALED WITH DOW CORNING 795 SEALANT OR WS-7100 BEI SILICONE SEALANT.
17. SEALANT AT FRAME TO BUCK OPENING SHALL BE DOW CORNING 795 SLICONE SEALANT OR WS-7100 BEI SILICONE SEALANT.
18. ONE SILL WEEP SHALL BE LOCATED AT MIDDLE OF EACH GLAZING PANEL.



G01
OPERABLE JAMB 1
SCALE:1/2

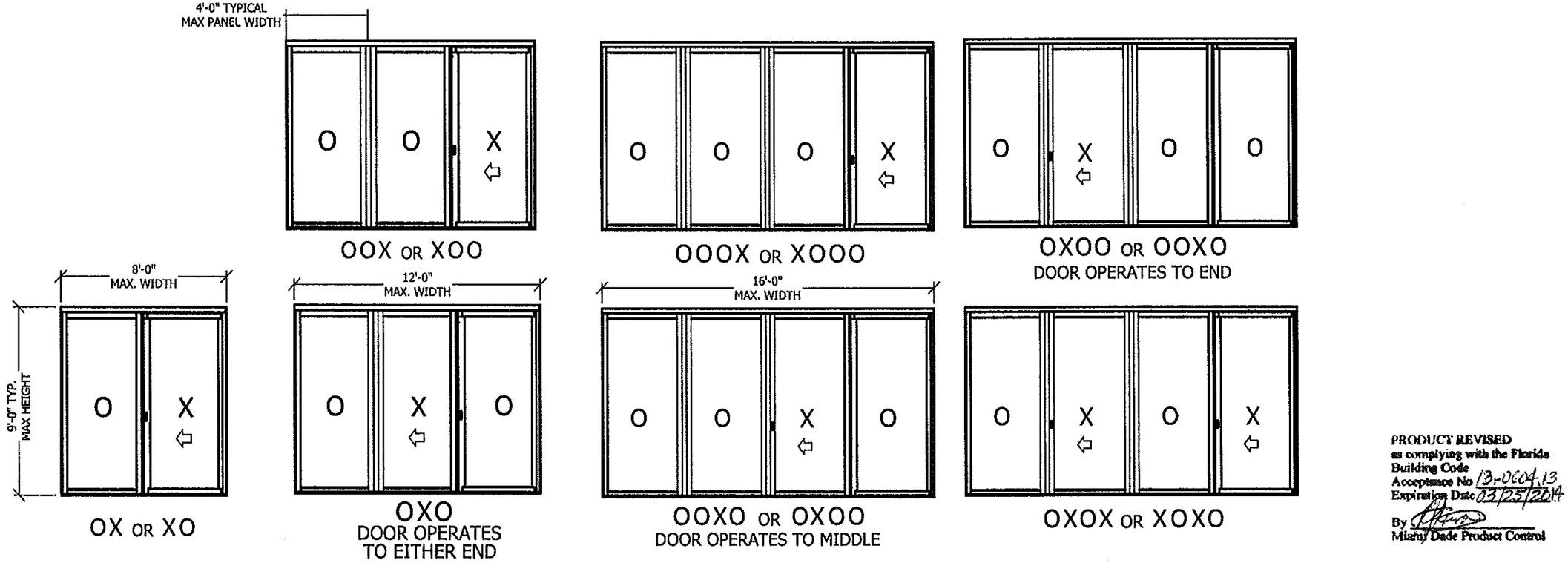
G02
OPERABLE JAMB 2
SCALE:1/2

G03
FIXED JAMB
SCALE:1/2

G04
HEAD / SILL
SCALE:1/2

GLAZING DETAIL

LARGE MISSILE IMPACT - 1/4" H.S. GLASS, .090 DUPONT SGP INTERLAYER, 1/4" H.S. GLASS



QUALIFIED CONFIGURATIONS

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 13-0604.13
Expiration Date 03/25/2014
By _____
Miami Dade Product Control

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EAS IN-LINE SUPER SEAL SLIDING GLASS DOOR

EAS DOORS AND WINDOWS, INC.
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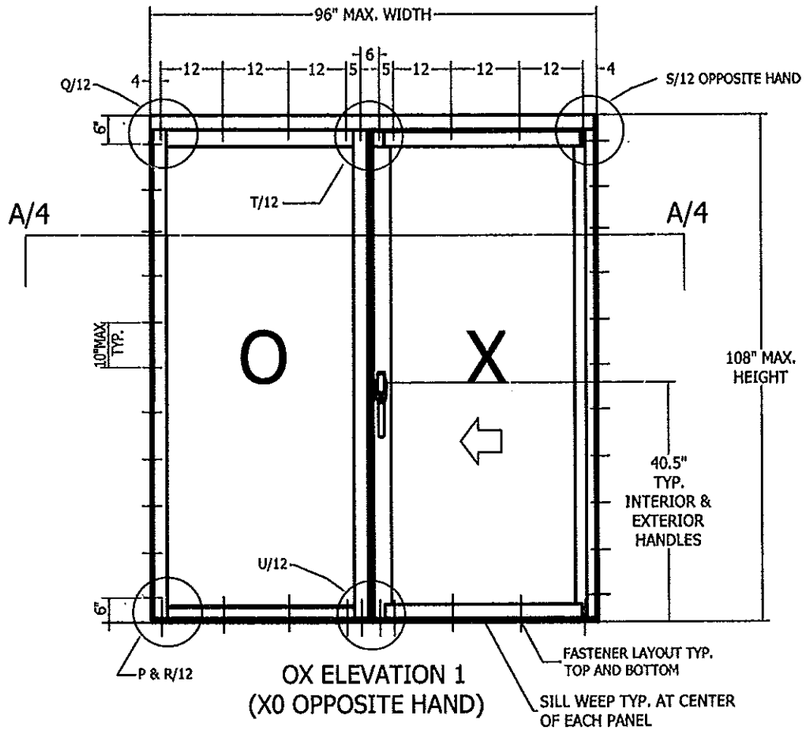
WWW.EASDOORS.COM

revisions			
no	date	by	description
1	02/10/2009	JWK	BCCO COMMENTS
2	05/17/2013	JWK	FBC 2010 COMPLIANCE

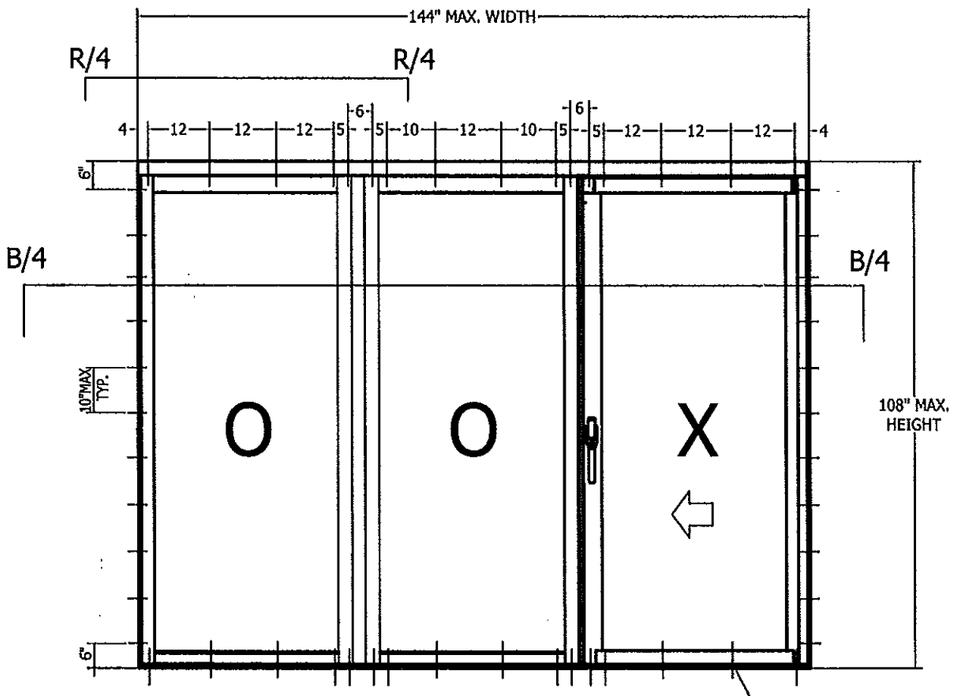
J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

5/2/13

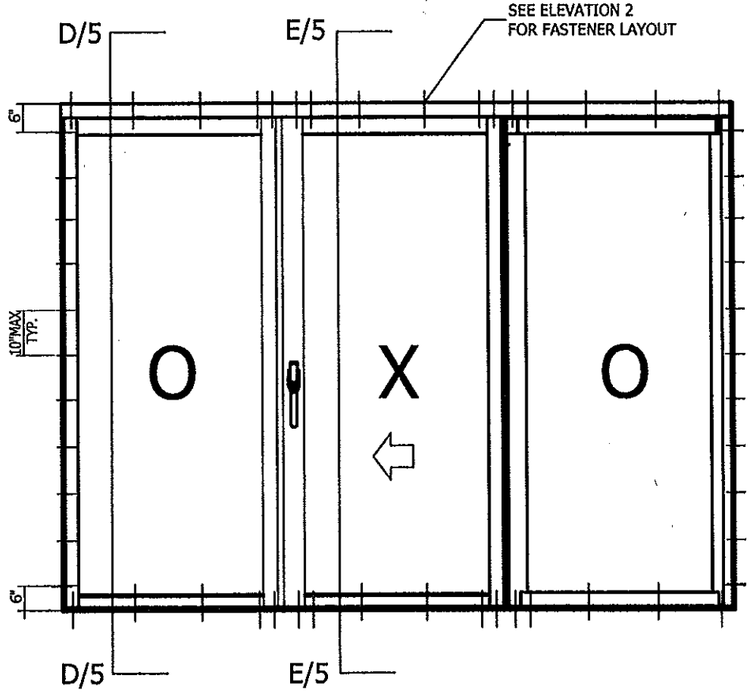
drawn by	JLO
scale	AS NOTED
date	09/03/2008
drawing no.	08-142
sheet	1 of 14



OX ELEVATION 1
(X0 OPPOSITE HAND)



OOX ELEVATION 2
(X00 OPPOSITE HAND)



OXO ELEVATION 3

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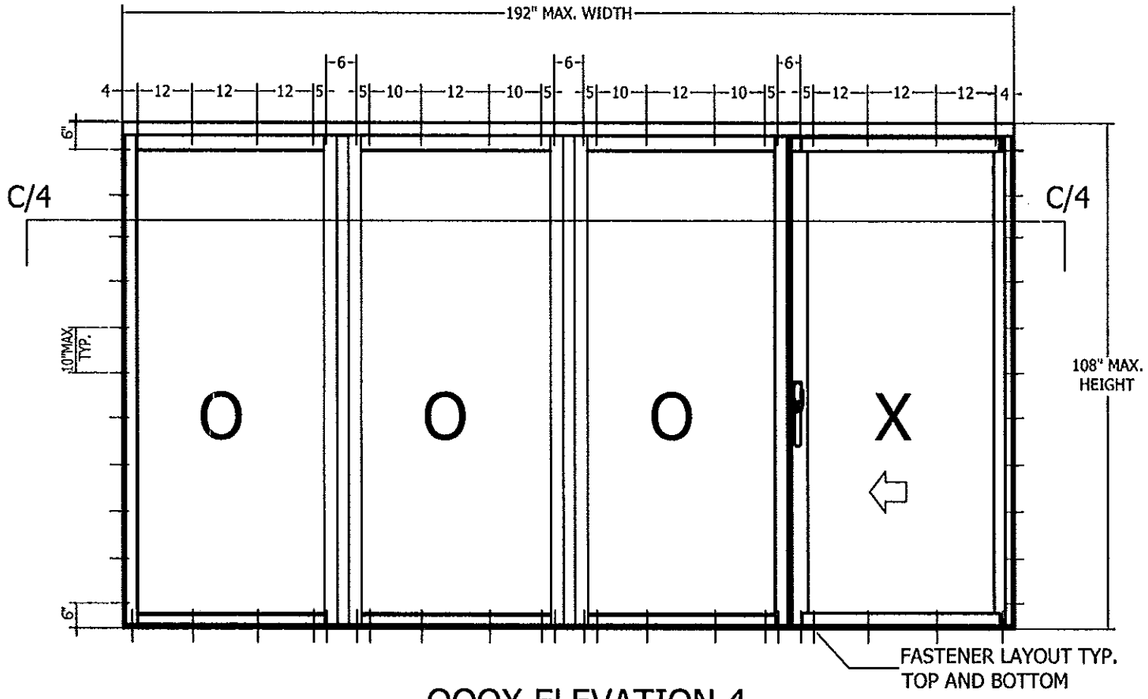
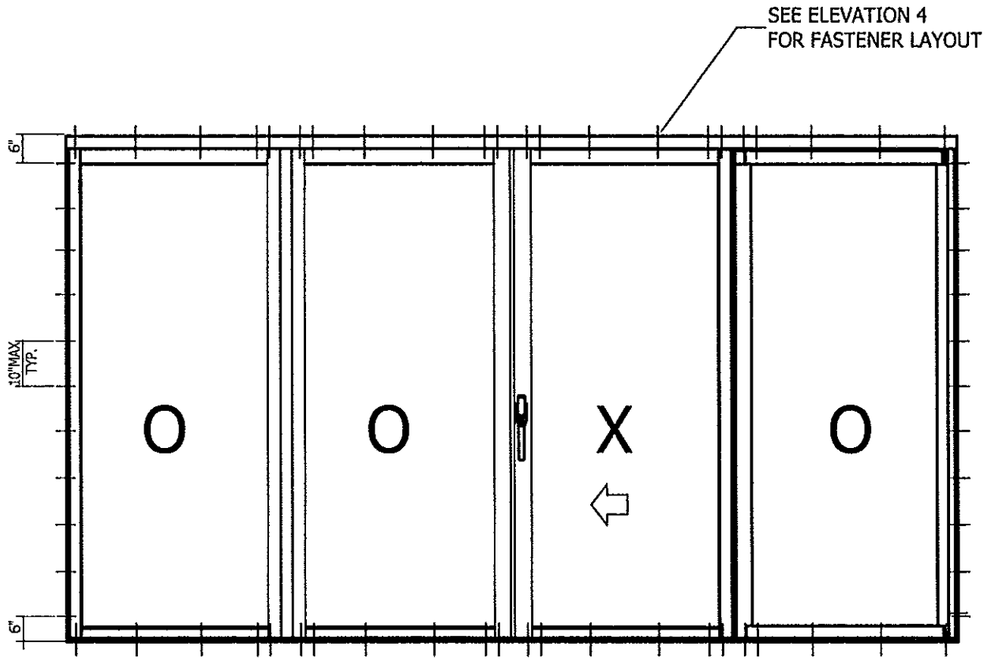
J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

5/13/13

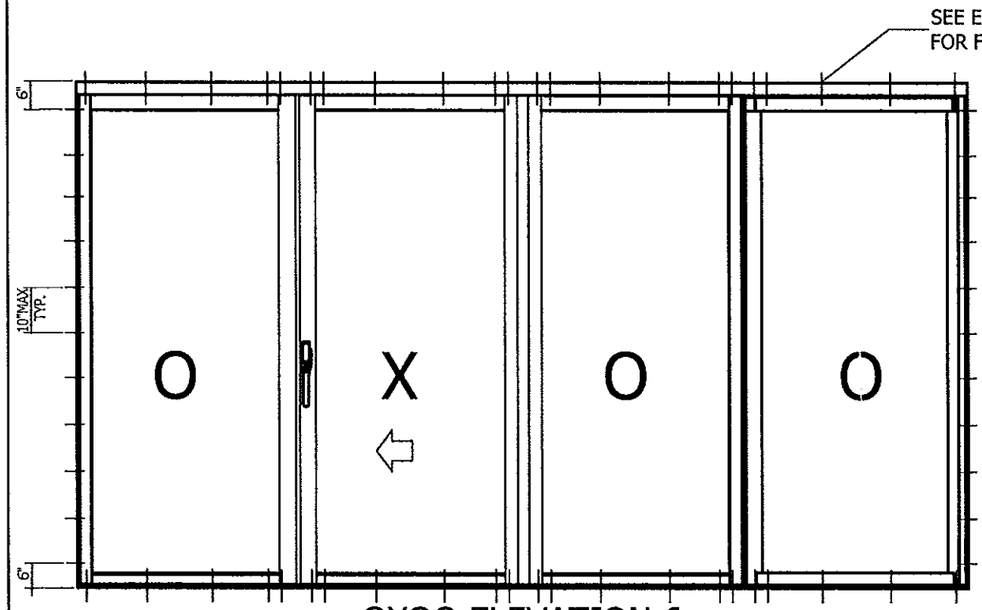
drawn by JLO | scale AS NOTED
date 09/03/2008
drawing no. 08-142
sheet 2 of 14



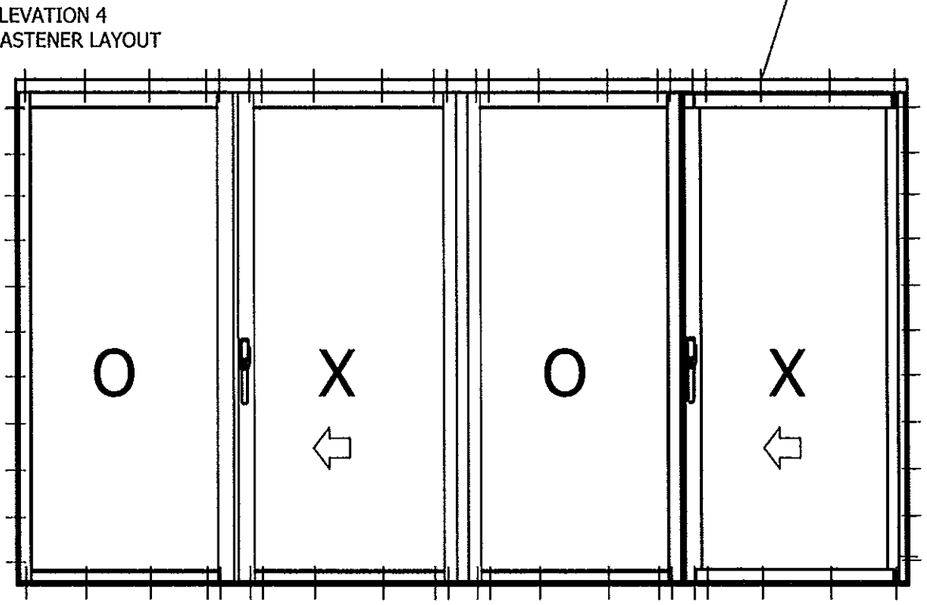
OOOX ELEVATION 4
(X000 OPPOSITE HAND)



OOXO ELEVATION 5
PANEL SLIDES INWARD
(OXOO OPPOSITE HAND)



OXOO ELEVATION 6
PANEL SLIDES OUTWARD
(OOXO OPPOSITE HAND)



OXOX ELEVATION 7
(XOXO OPPOSITE HAND)

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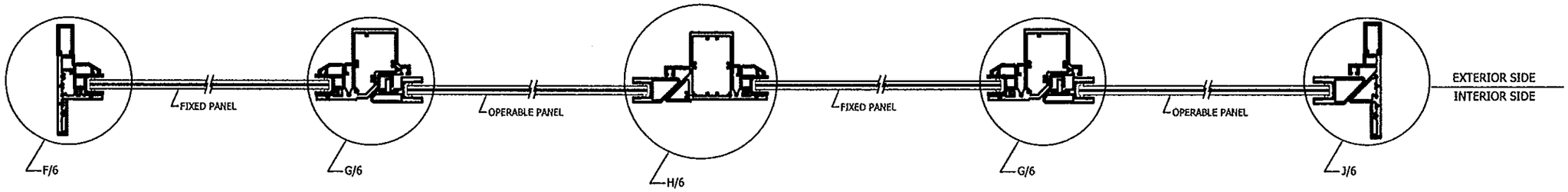
revisions			
no	date	by	description
1	02/20/2009	JWK	BCCO COMMENTS
2	05/17/2013	JWK	FBC 2010 COMPLIANCE

J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

5/31/13

drawn by JLO | scale AS NOTED
date 09/03/2008
drawing no. 08-142
sheet 3 of 14



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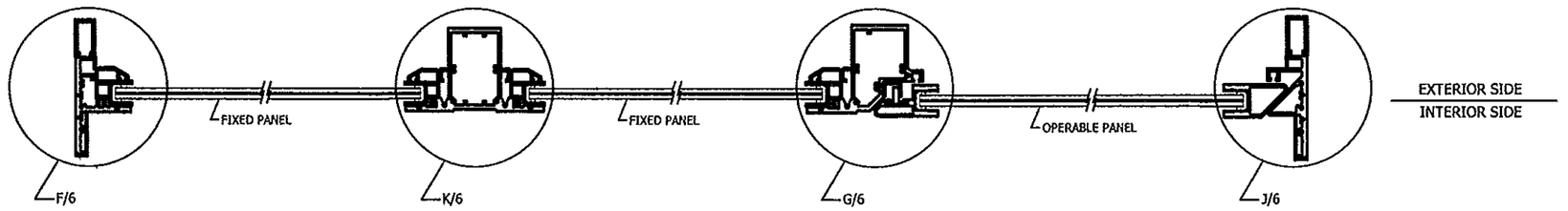

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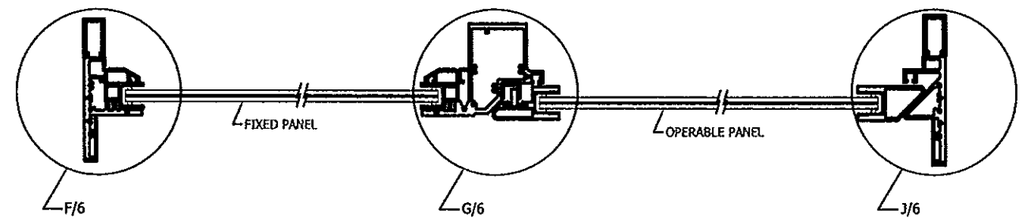
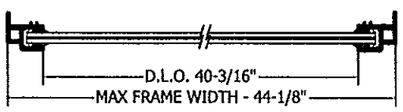
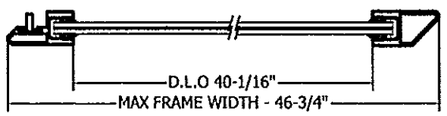


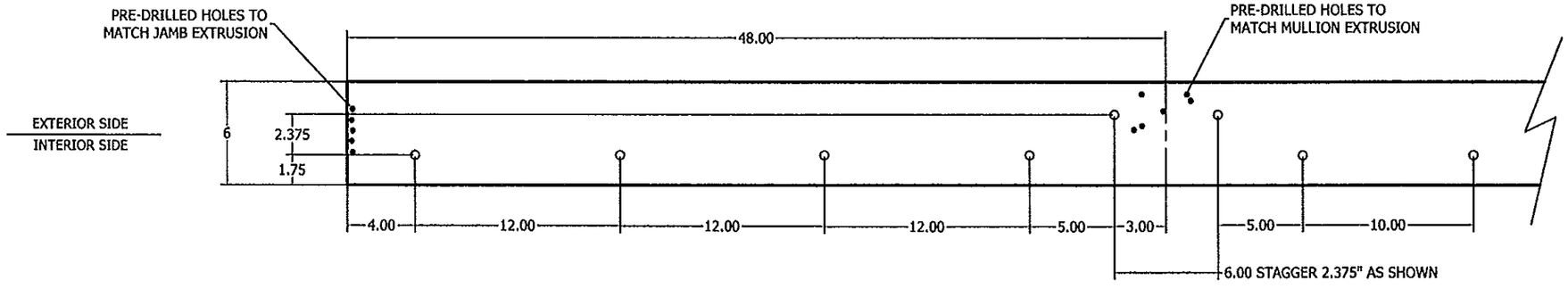
SECTION A



NOMINAL 48" FIXED PANEL



NOMINAL 48" OPERATIVE PANEL



ANCHOR ELEVATION 8
TYPICAL ANCHOR BOLT STAGGER AT HEAD AND SILL

PRODUCT REVISED
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Expiration Date 09/25/2014
By
Miami Dade Product Control

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J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

5/3/13

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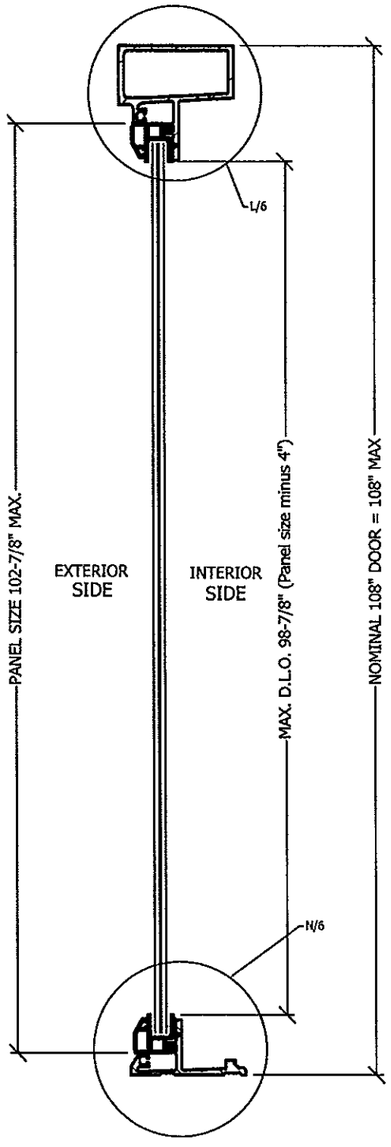
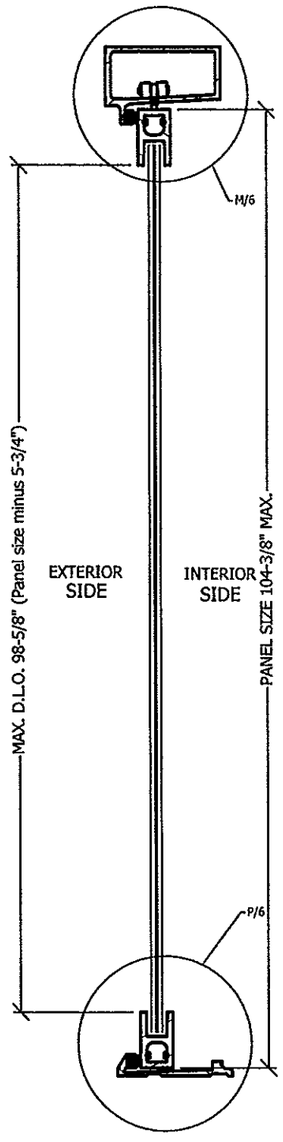
date 09/03/2008
drawing no. 08-142
sheet 4 of 14



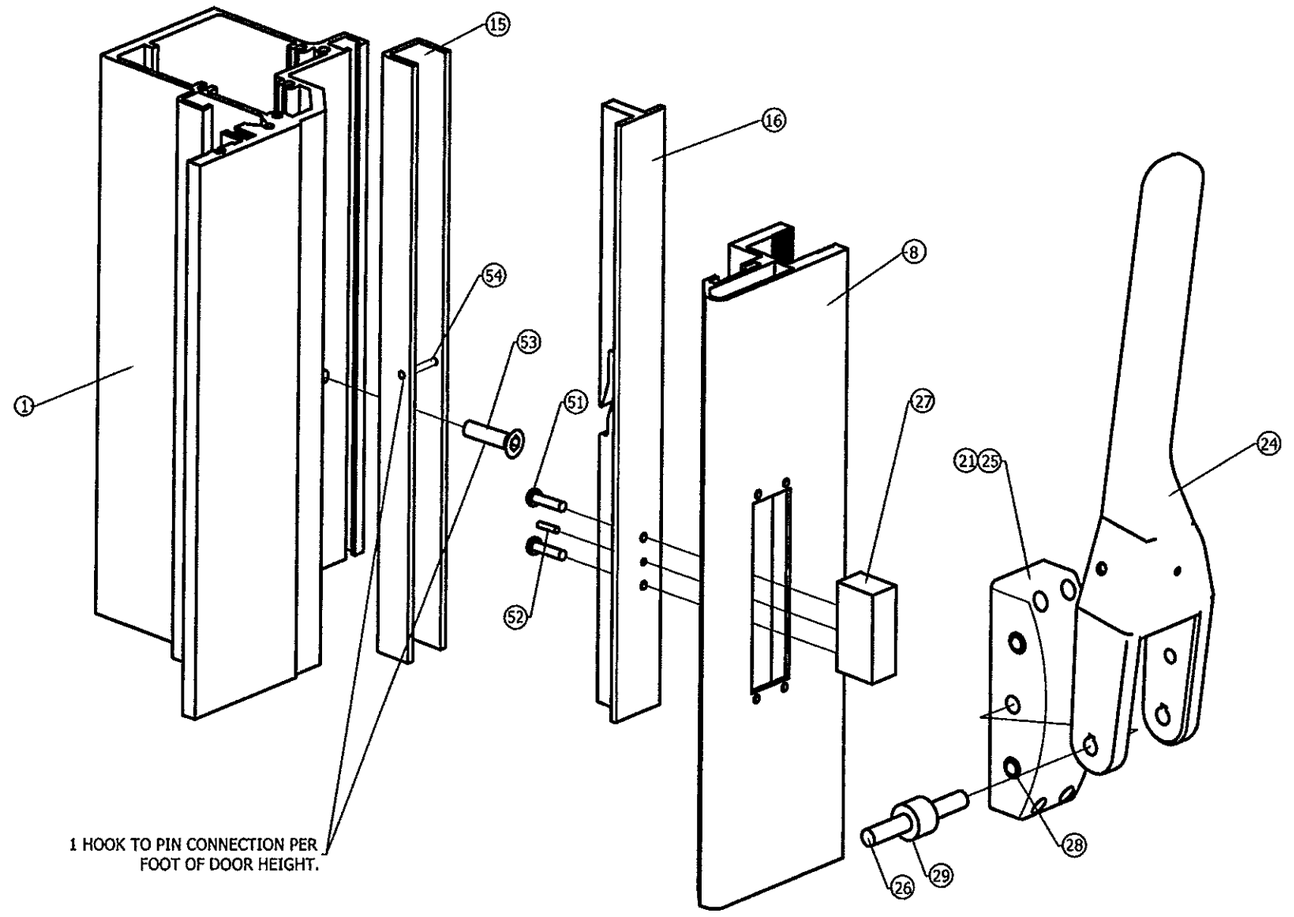
SECTION AT FIXED PANEL

SECTION D



SECTION AT OPERABLE PANEL

SECTION E



HANDLE & INTERLOCK MECHANICS

1. Locate handle with pivot centerline at approx. 40.5" above floor.

2. To secure door, raise handle to point up against door frame.

PRODUCT REVISED
as complying with the Florida Building Code
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J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

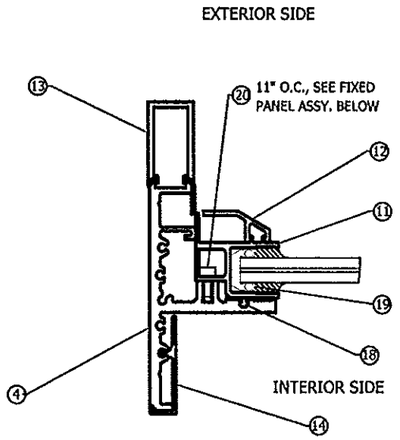
5/30/13

drawn by	scale
JLO	AS NOTED

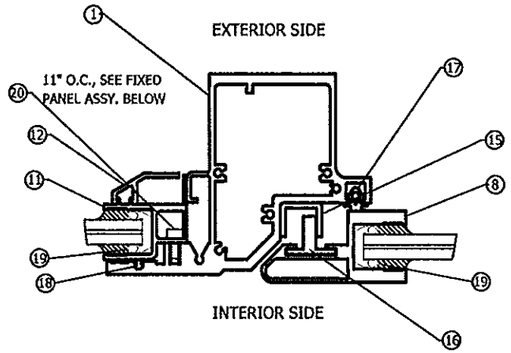
date 09/03/2008

drawing no.
08-142

sheet 5 of 14



DETAIL F



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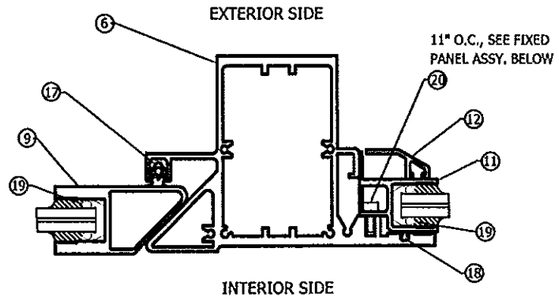

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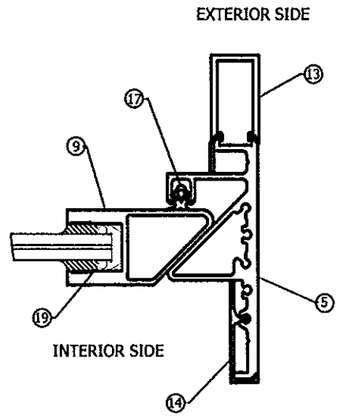
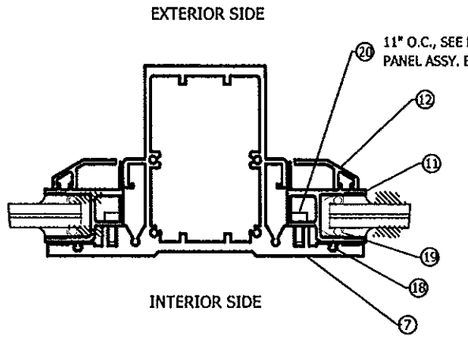
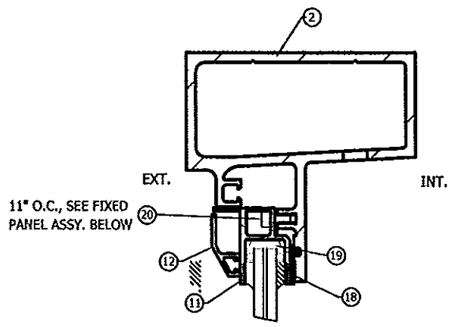


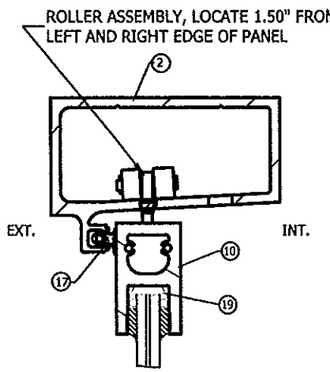
DETAIL J



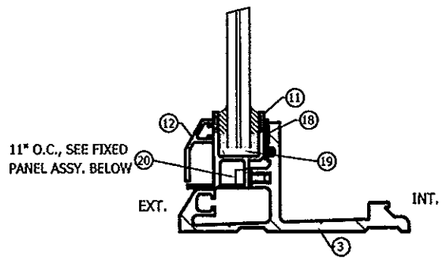
DETAIL K
ALL COMPONENTS SYMMETRICAL
ABOUT CENTERLINE



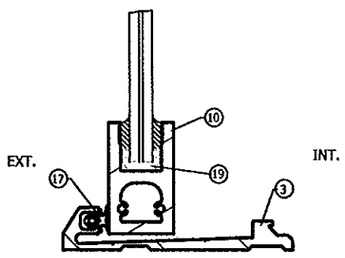
DETAIL L



DETAIL M



DETAIL N



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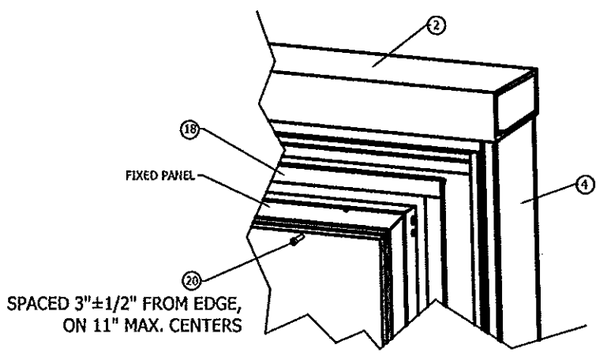
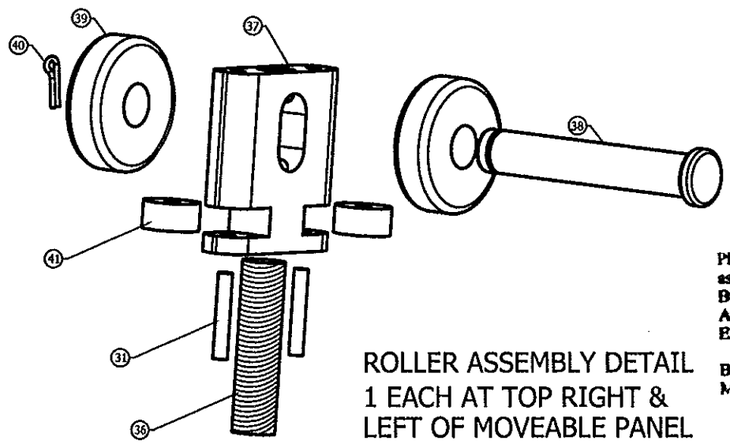


FIXED PANEL ASSEMBLY DETAIL



ROLLER ASSEMBLY DETAIL
1 EACH AT TOP RIGHT &
LEFT OF MOVEABLE PANEL

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1	02/10/2009	JWK	BCCO COMMENTS
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J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

5/30/13

drawn by	scale
JLO	AS NOTED

date 09/03/2008

drawing no.
08-142

sheet 6 of 14

#	DWG. #	MATERIAL	DESCRIPTION
1	F3000101	6005-T5	FIX-MOVE MULLION
2	F3000141	6005-T5	HEADER
3	F3000116	6063-T5	FLOOR SILL
4	F3000114	6063-T5	IN-OP JAMB
5	F3000119	6063-T5	OPERABLE JAMB
6	F3000157	6005-T5	MOVE-FIX MULLION
7	F3000159	6005-T5	FIX-FIX MULLION
8	F3000121	6063-T5	MOVEABLE SIDE LATCH
9	F3000108	6063-T5	MOVEABLE SIDE
10	F3000115	6063-T5	MOVEABLE HORIZONTAL
11	F3000152	6063-T5	FIXED FRAME
12	F3000163	6063-T5	COSMETIC COVER
13	F3000154	6063-T5	COSMETIC COVER
14	F3000153	6063-T5	COSMETIC COVER
15	F3000160	6005-T5	INTERLOCK CHANNEL
16	F3000166	6005-T5	INTERLOCK TEE
17	F1000126	EPDM	GASKET
18	TX-15347E		GASKET
19	TX-15324W		GASKET
20	92196A545	18-8 CRES	1/4-20 x 1.375" SHCS
21	92196A272	18-8 CRES	10-32 x .75" SHCS
22	94195A249	410 CRES	#12 x 2.50" FHCS
23	92364A272	410 CRES	#12 x 2.50" PHCS
24	F3000162	6061-T6	HANDLE
25	F3000161	6061-T6	HANDLE HOUSING
26	F3000173		HANDLE SHAFT
27	RGEAS1.5-300-NS		RACK
28	8486A32		PLUNGER
29	GEAKBS1.5-16		PINION GEAR
30	F3000171		PULL HANDLE
31	98380A477		DOWEL PIN
32	F3000168		CORNER BLOCK
33	F3000167		CORNER BLOCK
34	7002/500		CORNER SUPPORT
35	92196A542	18-8 CRES	1/4-20 x 1.00" SHCS
36	95475A632		HANGAR BEARING STUD
37	F3000172		BEARING SUPPORT BLOCK
38			BEARING SHAFT
39	CRY20VUU		ROLLER BEARING
40			COTTER PIN
41	F3000176		BRONZE ROLLER
42			DOW 795 SEALANT
43			DOW 983 SILICONE GLAZING

44			BEI PM-7000 WET-FLASH
45			BEI WS-7100 WET-FLASH
46			*5/16" x 2.75" HEX ELCO TEXTRON
47			*5/16" x 2.75" FLAT ELCO TEXTRON
48			*5/16" x 3.75" HEX ELCO TEXTRON (USE WITH 1X BUCK)
49	120000PB-0007S000-467		WEEP BUTTONS
50	92125A190	18-8 CRES	M4 x 10mm FHCS
51	92805A164	18-8 CRES	10-32 x 1/2" FHCS NYLOCK
52	92383A724	420 CRES	.1875 ROLL PIN x .50" LG
53	92210A304	18-8 CRES	10-32 x .75" FHCS
54	98380A477	416 CRES	.125" x 1.25" DOWEL PIN WITH 3/16" SLEEVE
55	F3000212	RUBBER	.75" x 4.00" x 2.18" BUMPER GUIDE
56	F3000213	RUBBER	.75" x 4.00" x 2.18" BUMPER GUIDE

*ANCHOR LENGTHS SHOWN HEREIN ARE A MINIMUM. EMBEDMENT LENGTHS SHOWN ON THE CONNECTION DETAILS GOVERN THE ANCHOR LENGTH REQUIREMENTS.

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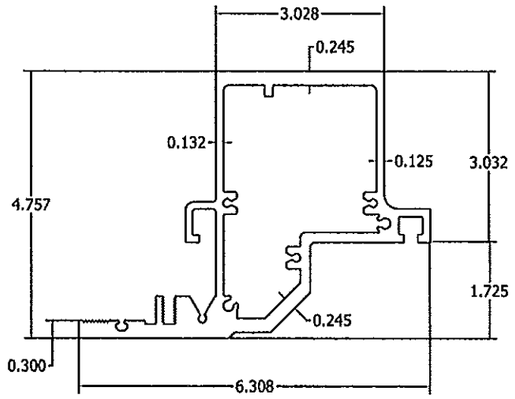
date 09/03/2008
drawing no. 08-142
sheet 7 of 14



① F3000101
FIX-MOVE MULLION
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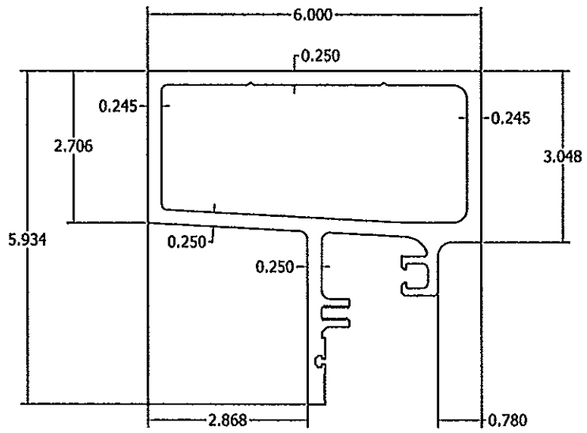

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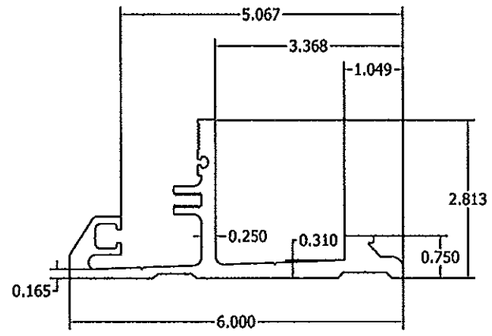

③ F3000116
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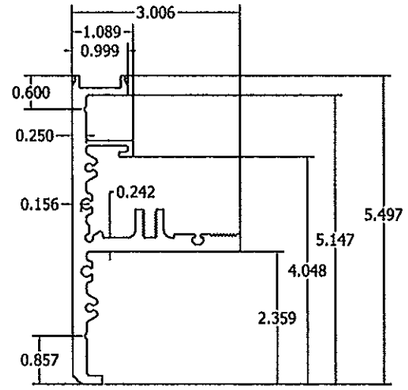

④ F3000114
IN-OP JAMB
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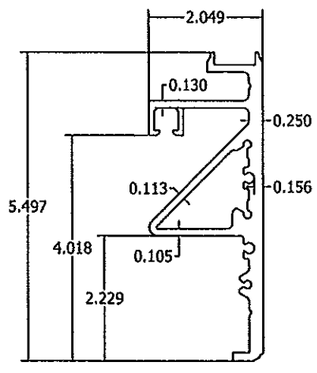

⑤ F3000119
OPERABLE JAMB
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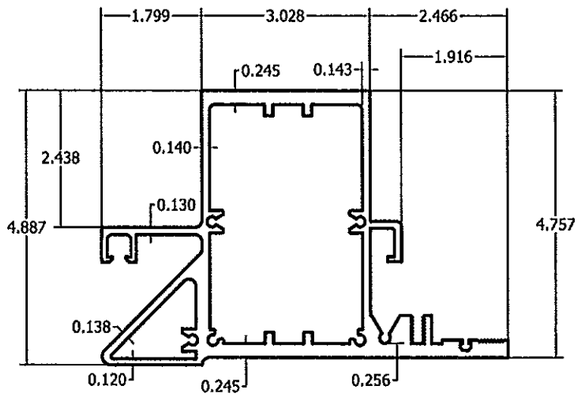

⑥ F3000157
MOVE-FIX MULLION
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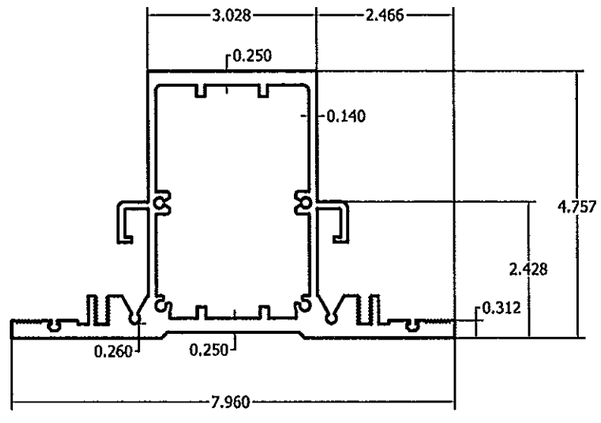

⑦ F3000159
FIX-FIX MULLION
SCALE .38 : 1

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sheet 8 of 14

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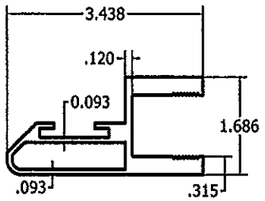

⑧ F3000121
OPERABLE SIDE LATCH
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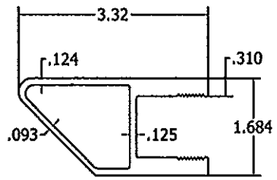
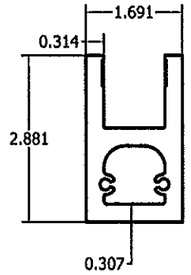


⑨ F3000108
OPERABLE SIDE
SCALE .38 : 1



⑩ F3000115
OPERABLE HORIZONTAL
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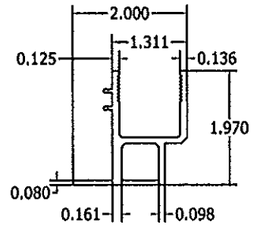

⑪ F3000152
FIXED FRAME
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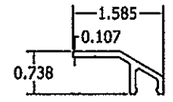

⑫ F3000163
COSMETIC COVER
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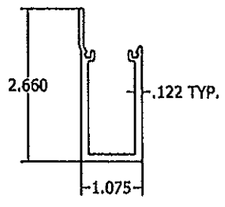

⑬ F3000154
COSMETIC COVER
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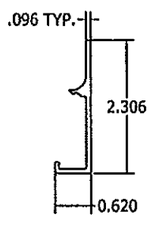

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COSMETIC COVER
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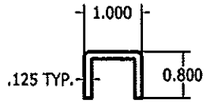

⑮ F3000160
INTERLOCK CHANNEL
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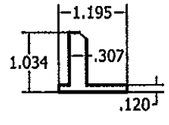

⑯ F3000166
INTERLOCK TEE
SCALE .38 : 1

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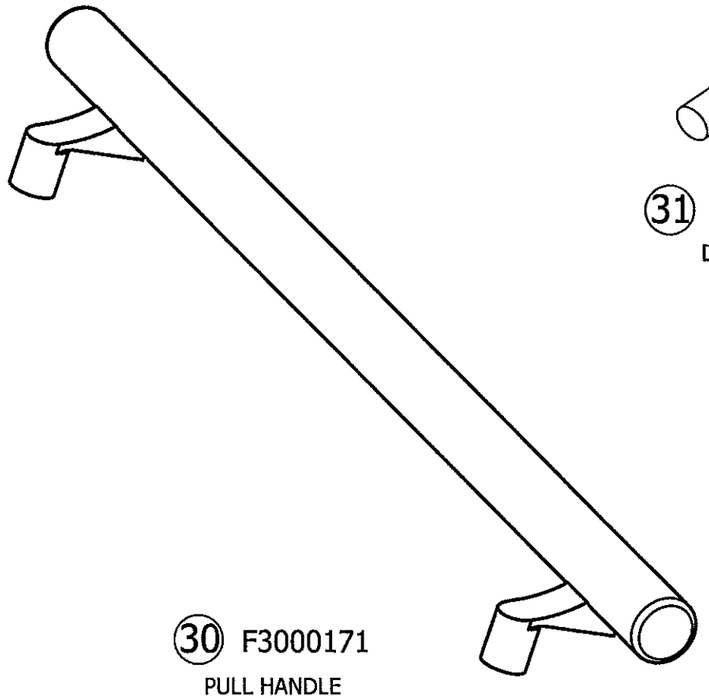
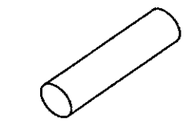
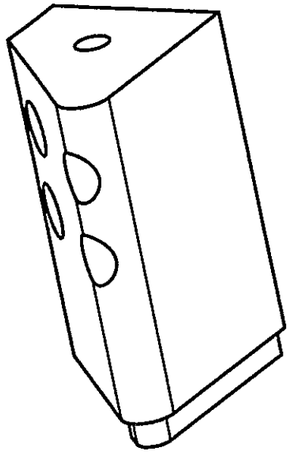


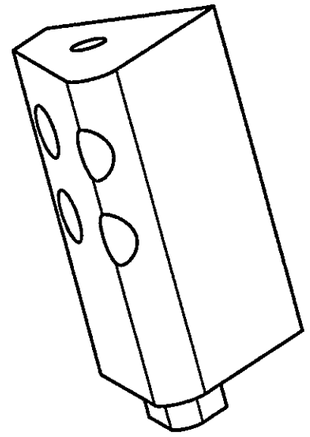
30 F3000171
PULL HANDLE



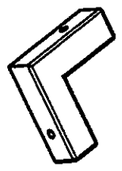
31
DOWEL



32 F3000168
CORNER BLOCK

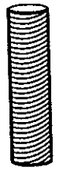


33 F3000167
CORNER BLOCK

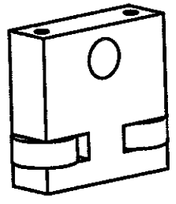


34
CORNER SUPPORT

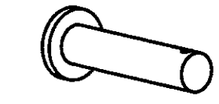
35
SHCS



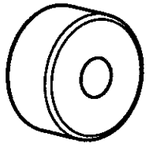
36
THREADED STUD



37
BEARING SUPPORT BLOCK



38
BEARING SHAFT



39
ROLLER BEARING

40
COTTER PIN

49
WEEP BUTTON

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5/3/13

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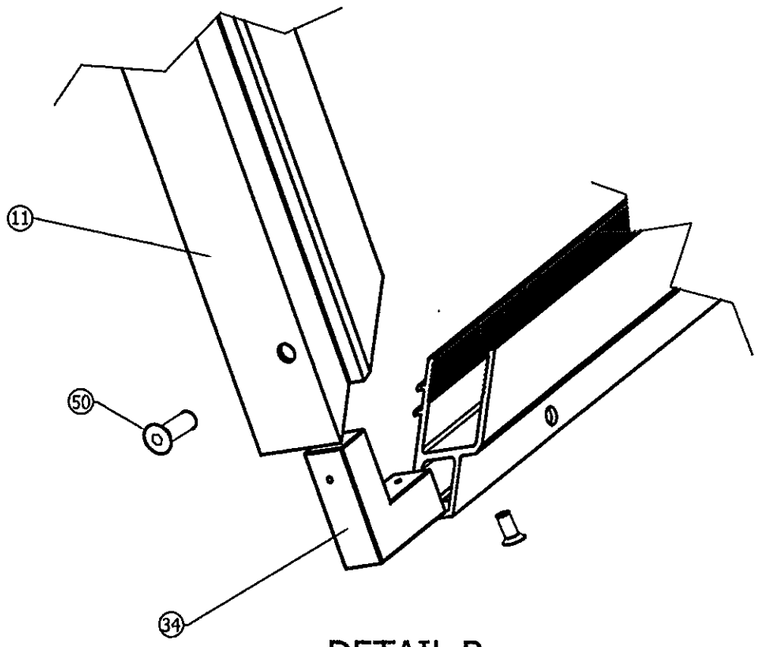
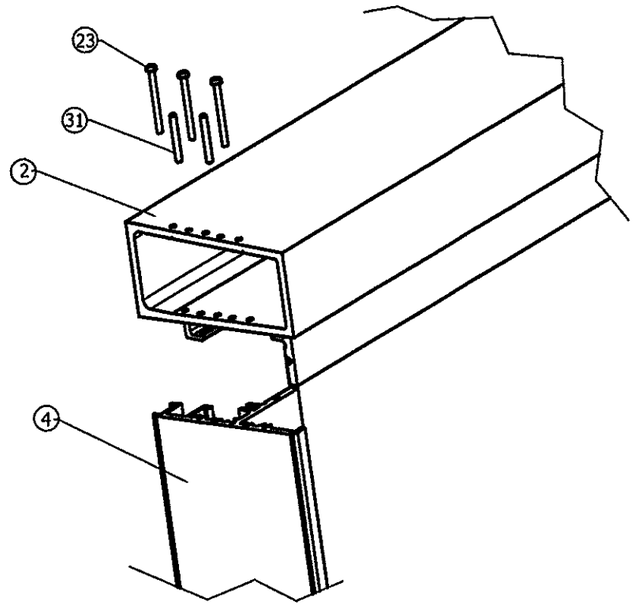
date 09/03/2008
drawing no. 08-142
sheet 11 of 14



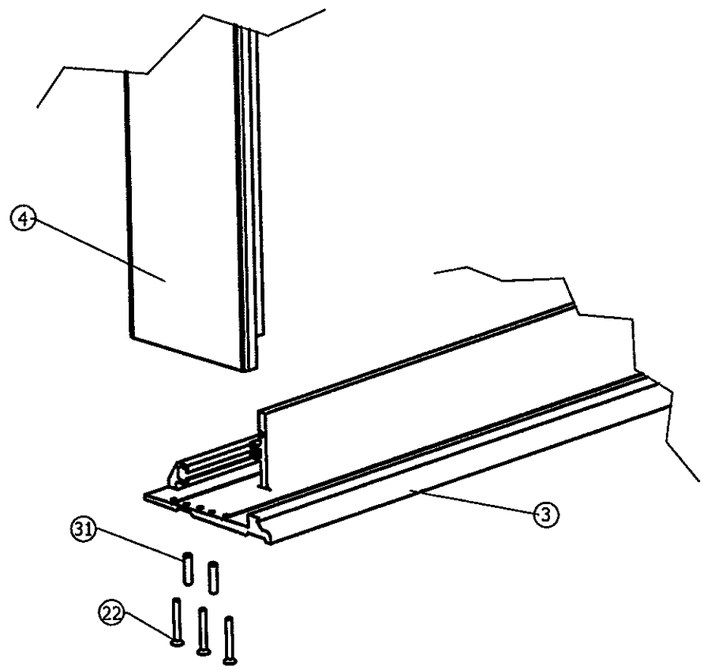
DETAIL P

FIXED PANEL CORNER



DETAIL Q

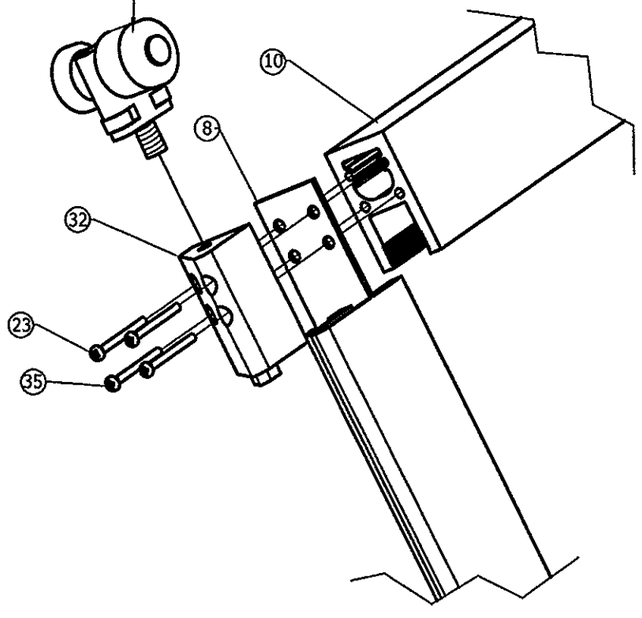
JAMB TO HEADER CONNECTION



DETAIL R

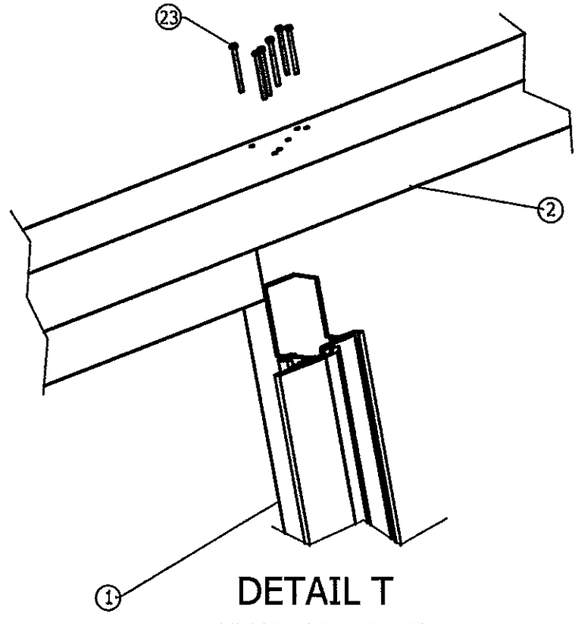
JAMB TO FLOOR SILL CONNECTION

ROLLER ASSEMBLY THREADED INTO CORNER BLOCK.



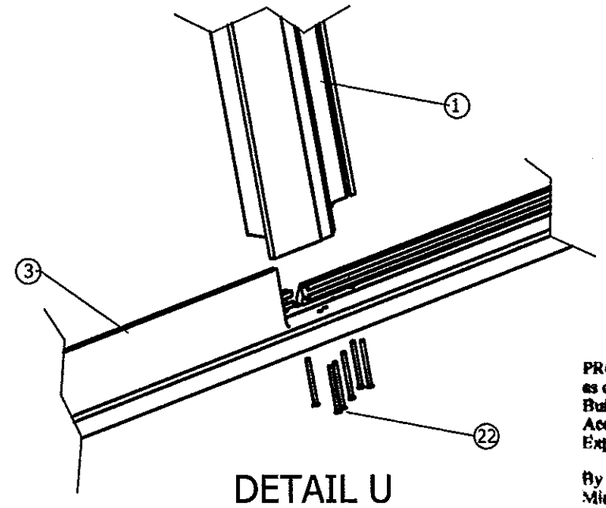
DETAIL S

MOVEABLE PANEL CORNER



DETAIL T

MULLION TO HEADER
CONNECTION SIMILAR FOR ALL MULLION TYPES



DETAIL U

MULLION TO FLOOR SILL
CONNECTION SIMILAR FOR ALL MULLION TYPES

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By _____
Miami Dade Product Control

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revisions

no	date	by	description
1	02/10/2009	JWK	BCCO COMMENTS
2	05/27/2013	JWK	FBC 2010 COMPLIANCE

J.W. Knezevich
Professional Engineer
FL License No.: PE 41961

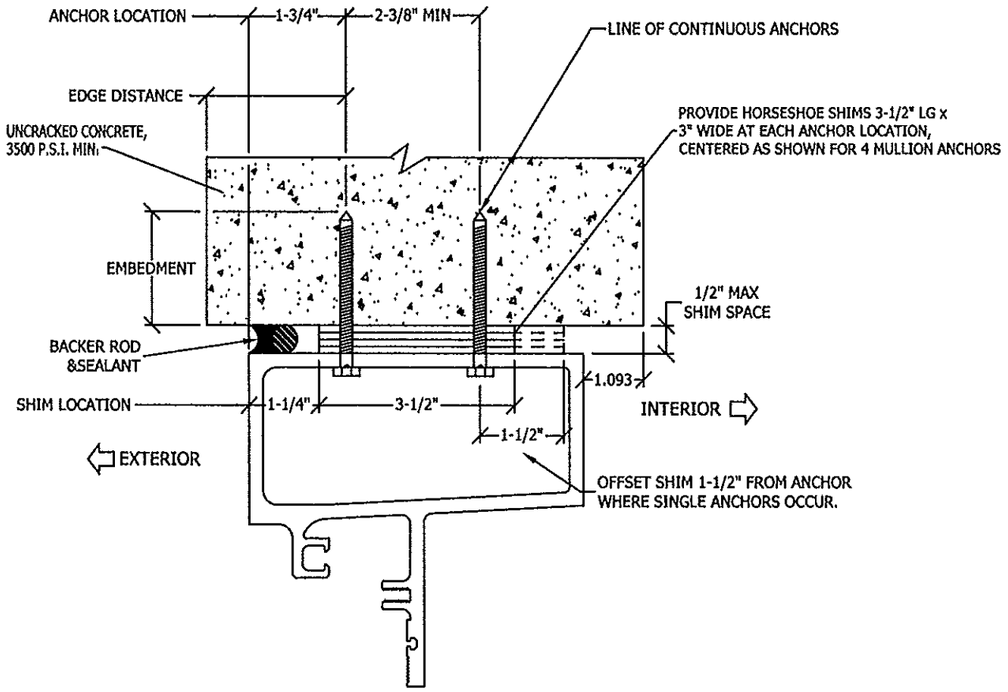
5/20/13

drawn by JLO | scale AS NOTED

date 09/03/2008

drawing no. **08-142**

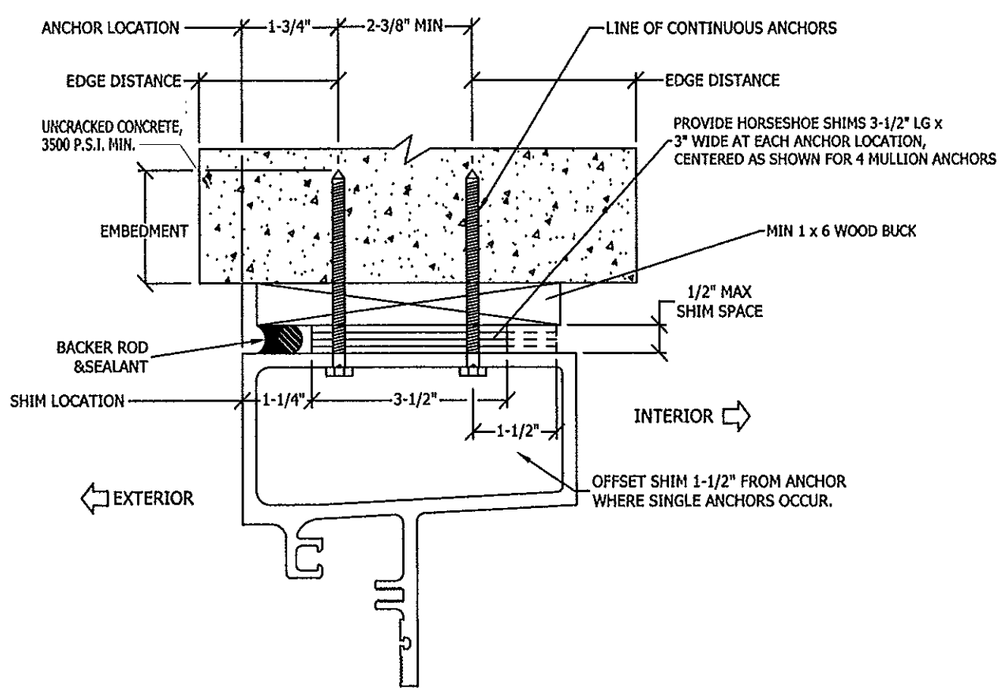
sheet 12 of 14



HEADER DETAIL CD 1

CONCRETE SUBSTRATE

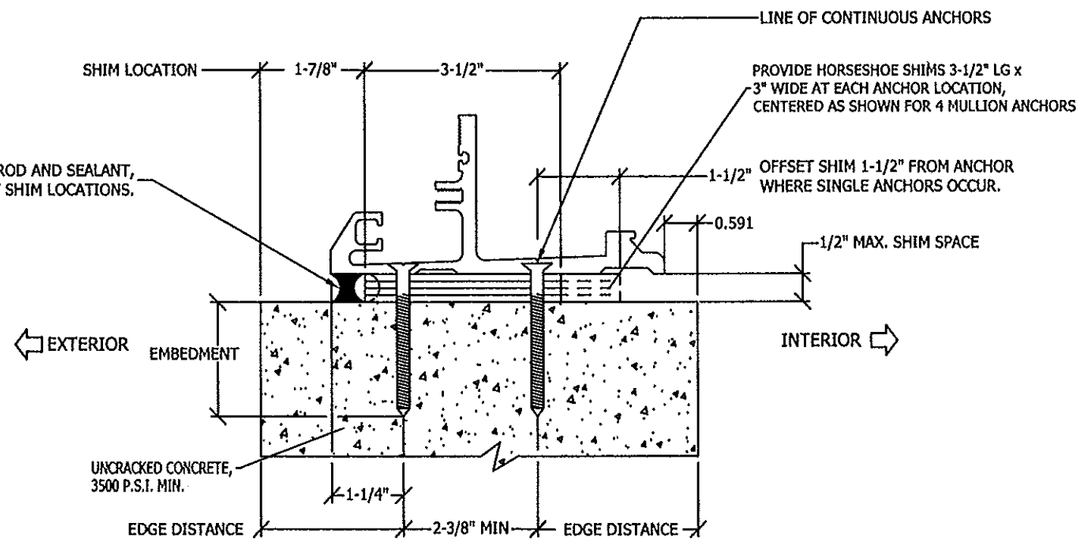
SCALE .375" = 1"



HEADER DETAIL CD 3

CONCRETE W/ 1x6 WOOD BUCK

SCALE .375" = 1"



SILL DETAIL CD 2

SCALE .375" = 1"

ANCHOR NOTES:

1. FOR CONCRETE SUBSTRATES AT HEAD AND SILL, USE 5/16" DIAMETER ELCO ULTRACON ANCHORS WITH 2" MINIMUM EMBEDMENT AND 2-1/2" MINIMUM EDGE DISTANCE. MINIMUM CONCRETE STRENGTH SHALL BE 3500 P.S.I. ANCHORS SHALL BE USED ONLY IN UNCRACKED CONCRETE.

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5/30/13

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JLO	AS NOTED

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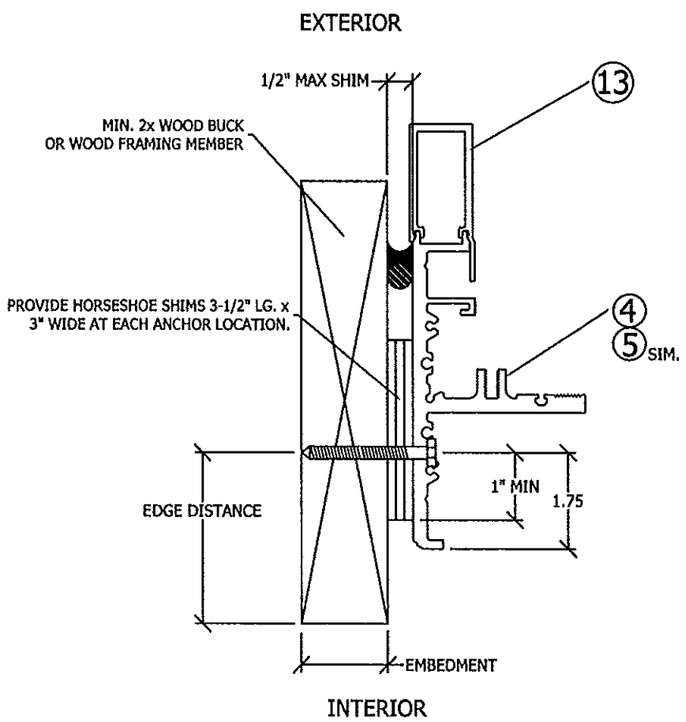
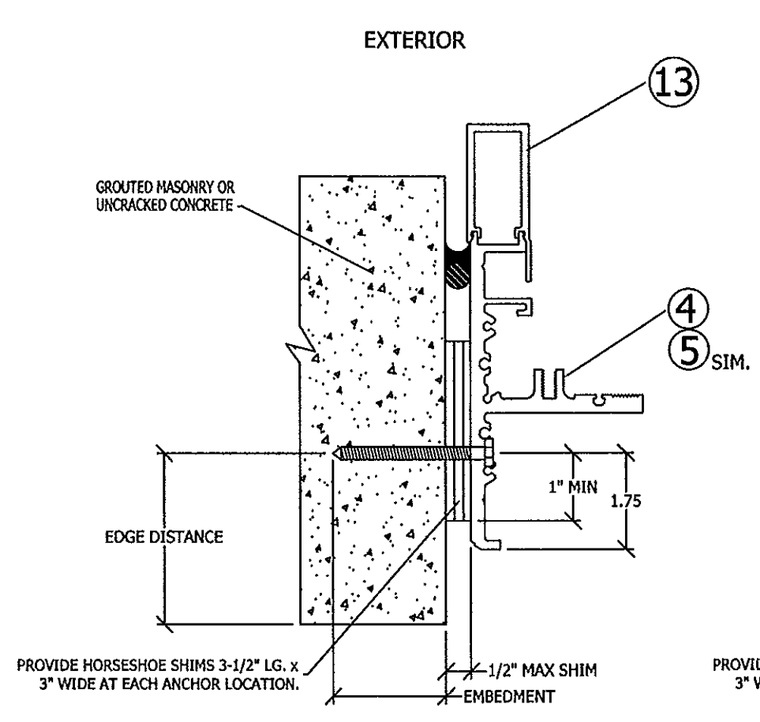


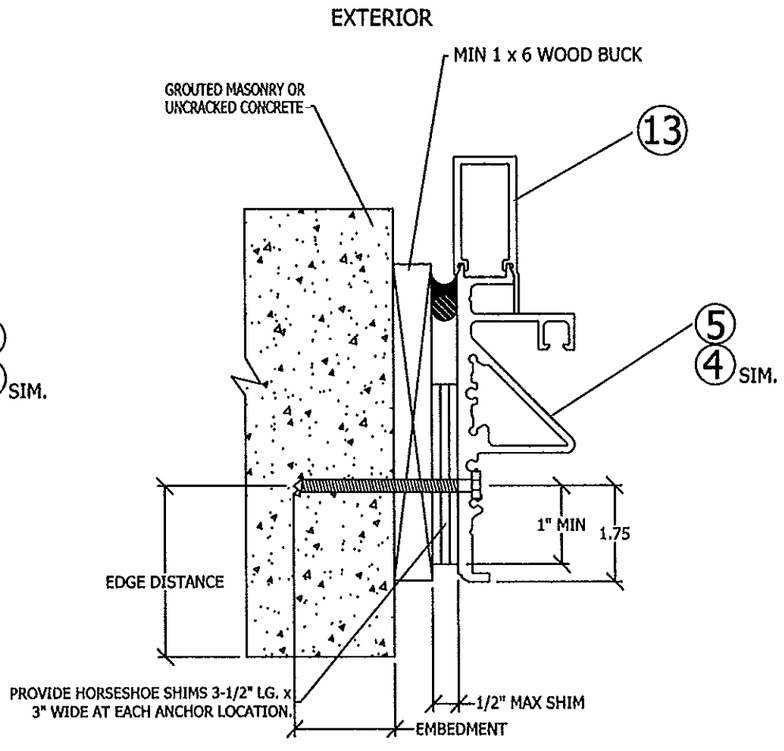
JAMB DETAIL CD4

2X WOOD BUCK OR DIRECTLY INTO
WOOD FRAMING, SEE ANCHOR NOTE 3
SCALE .375" = 1"



JAMB DETAIL CD5

GROUTED MASONRY OR CONCRETE SUBSTRATE
SCALE .375" = 1"



JAMB DETAIL CD6

GROUTED MASONRY OR CONCRETE SUBSTRATE
WITH 1X WOOD BUCK
SCALE .375" = 1"

ANCHOR NOTES:

1. FOR GROUTED MASONRY OR UNCRACKED CONCRETE SUBSTRATES AT JAMBS, USE 5/16" DIAMETER ELCO ULTRACON ANCHORS WITH 1-3/4" MINIMUM EMBEDMENT AND 2-1/2" MINIMUM EDGE DISTANCE.
2. FOR WOOD FRAMING OR NOMINAL 2x WOOD BUCKS (1-1/2" MINIMUM THICKNESS) AT JAMBS, USE 5/16" DIAMETER ELCO ULTRACON ANCHORS WITH 1-1/2" MINIMUM PENETRATION AND 1- 1/2" MINIMUM EDGE DISTANCE.
3. WHERE INSTALLATION IS TO WOOD FRAMING OR WOOD BUCKS, THE WOOD FRAMIN OR WOOD BUCK SHALL BE ENGINEERED BY OTHERS TO TRANFER THE LOADS INTO THE STRUCTURE.

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