



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

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

United States Aluminum Corporation
720 Cel-River Road
Rock Hill, SC 29730

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 "BT-601/IT-600 Storm Front" Outswing Aluminum Storefront Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-00920**, titled "Series BT601/IT600 Storm Front OS Aluminum Storefront Door System - LMI" Sheets 1 through 13 of 13, dated 01/11/10 with revision A dated 06/02/10, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 10-0422.07
Expiration Date: July 07, 2015
Approval Date: July 07, 2010
 Page 1

United States Aluminum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **08-00920**, titled "Series BT601/IT600 Storm Front OS Aluminum Storefront Door System – LMI" Sheets 1 through 13 of 13, dated 01/11/10 with revision A dated 06/02/10, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Water Resistance Test, per TAS 202-94
 - 4) Large Missile Impact Test, TAS PA 201-94
 - 5) Cyclic Loading Test, per FBC TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
 - 7) Tensile Test, per ASTM E8

along with installation diagram of aluminum storefront system and storefront door system, marked-up by American Test Lab, Inc. North, Test Report No. **ATLNC-1019.01-09**, dated 02/22/10, signed and sealed by David Wesley Johnson, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 03/11/10, prepared, signed and sealed by Luis R. Lomas, P.E.
Complies with ASTM E1300-02/04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

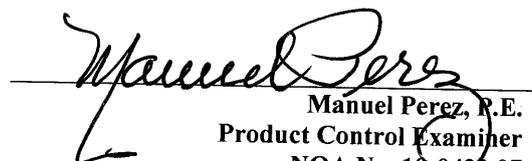
1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.

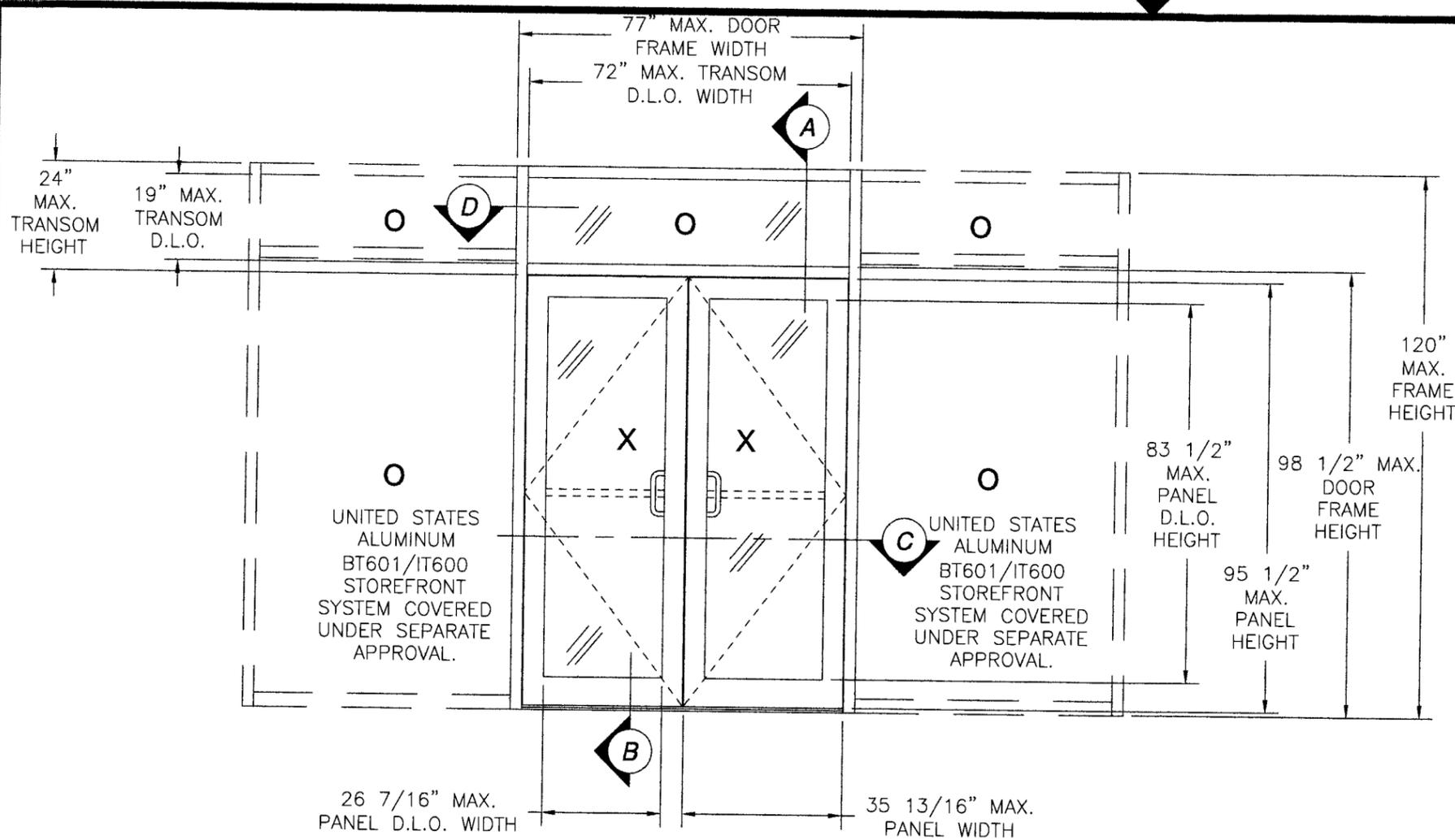
F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated March 24, 2010, signed and sealed by Luis R. Lomas, P.E.
2. Proposal # **09-1190** issued by BCCO to United States Aluminum Corporation, dated 08/24/09, signed by Jaime Gascon, P.E., Chief Product Control Division.

G. OTHERS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 10-0422.07
Expiration Date: July 07, 2015
Approval Date: July 07, 2010



**SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT
DOUBLE DOOR WITH TRANSOM
EXTERIOR VIEW**

FOR RATING SEE SHEET 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.

- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
 - 2) WOOD FRAMING, STEEL FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 4) FRAME MATERIAL: THERMALLY BROKEN EXTRUDED ALUMINUM 6063-T5 .085" THICK.
 - 5) UNITS MUST BE GLAZED WITH 1 5/16" IGU CONSISTING OF: 1/4" HS EXTERIOR PANEL - AIR - LAMINATED INTERIOR PANEL CONSISTING OF 1/4" HS - .090 DUPONT SGP - 1/4" HS PER ASTM E1300.
 - 6) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS ON INSTALLATIONS UP TO 30' ABOVE GRADE.
 - 7) DOORS MAY BE LEFT HAND OUTSWING OR RIGHT HAND OUTSWING.
 - 8) HINGE LOCATIONS FROM BOTTOM OF PANEL UP TO BOTTOM OF HINGE:
FIRST HINGE = 6"
SECOND HINGE = 45 1/2"
THIRD HINGE = 84 15/16"

HARDWARE SCHEDULE	
A.	AHT 8 PANIC BAR
B.	LCN 4111 CLOSER
C.	JACKSON 1285 PANIC BAR
D.	LCN1461 SURFACE CLOSER
E.	JACKSON20-330 OHCC CLOSER
F.	LCN 2030 CLOSER
G.	1953A-450 STANDARD LOCKSET
H.	IVES FLUSH BOLTS
I.	CR LAWRENCE SURFACE CLOSER CLO45
J.	US ALUMINUM FLUSH BOLTS
K.	(3) 1 1/2" HAGER BUTT HINGES

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SHEET NO.	DESCRIPTION
1	ELEVATIONS AND NOTES
2	ADDITIONAL APPROVED CONFIGURATIONS
3	ANCHORING LAYOUT AND NOTES
4	BILL OF MATERIALS AND GLAZING DETAILS
5 - 6	CROSS SECTIONS
7 - 10	INSTALLATION DETAILS
11 - 12	COMPONENTS
13	PANEL AND FRAME ASSEMBLY DETAILS

Approved as complying with the Florida Building Code
 Date: July 7, 2010
 NOA# 10-0422-07
 Miami Dade Product Control
 By: *Manuel Perez*

UNITED STATES ALUMINUM
 720 CEL-RIVER ROAD
 ROCK HILL, SC 29730

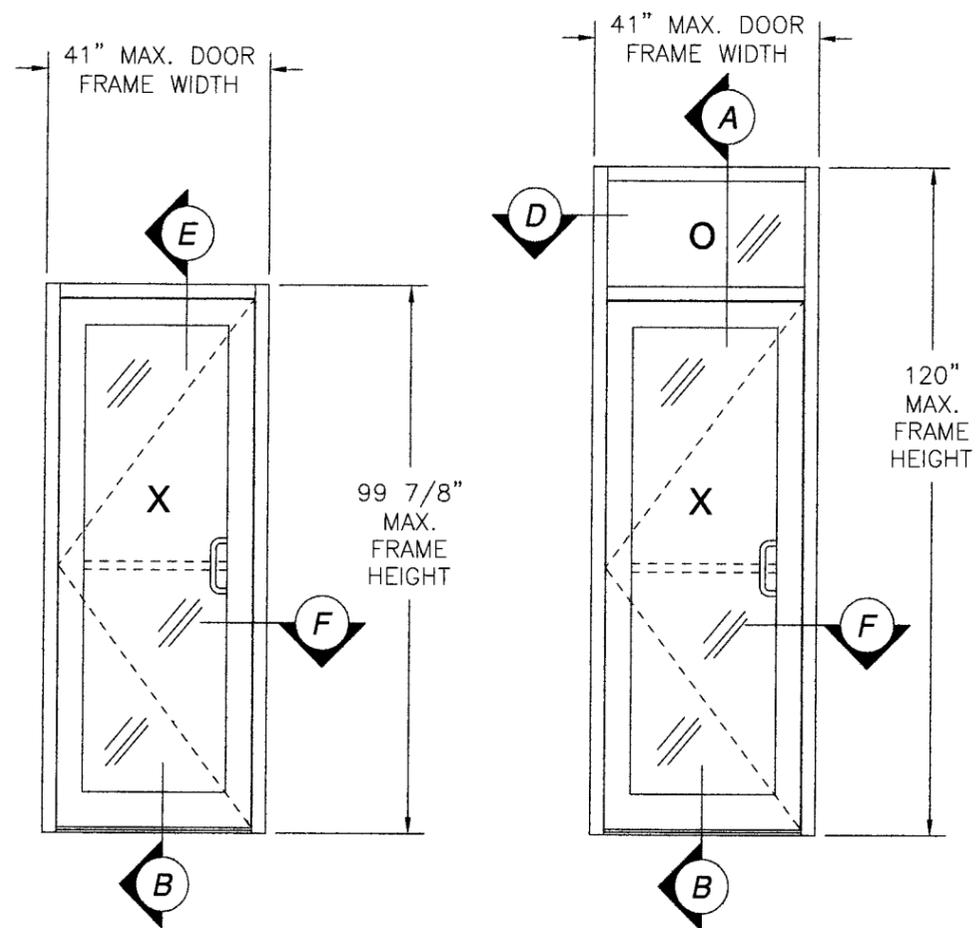
SERIES BT601/IT600 STORM FRONT OS ALUMINUM
 STOREFRONT DOOR SYSTEM - LMI
 ELEVATION AND NOTES

DRAWN: TJH	DWG NO. 08-00920	REV A
SCALE NTS	DATE 01/11/10	SHEET 1 OF 13

Luis R. Lomas
 6/8/10

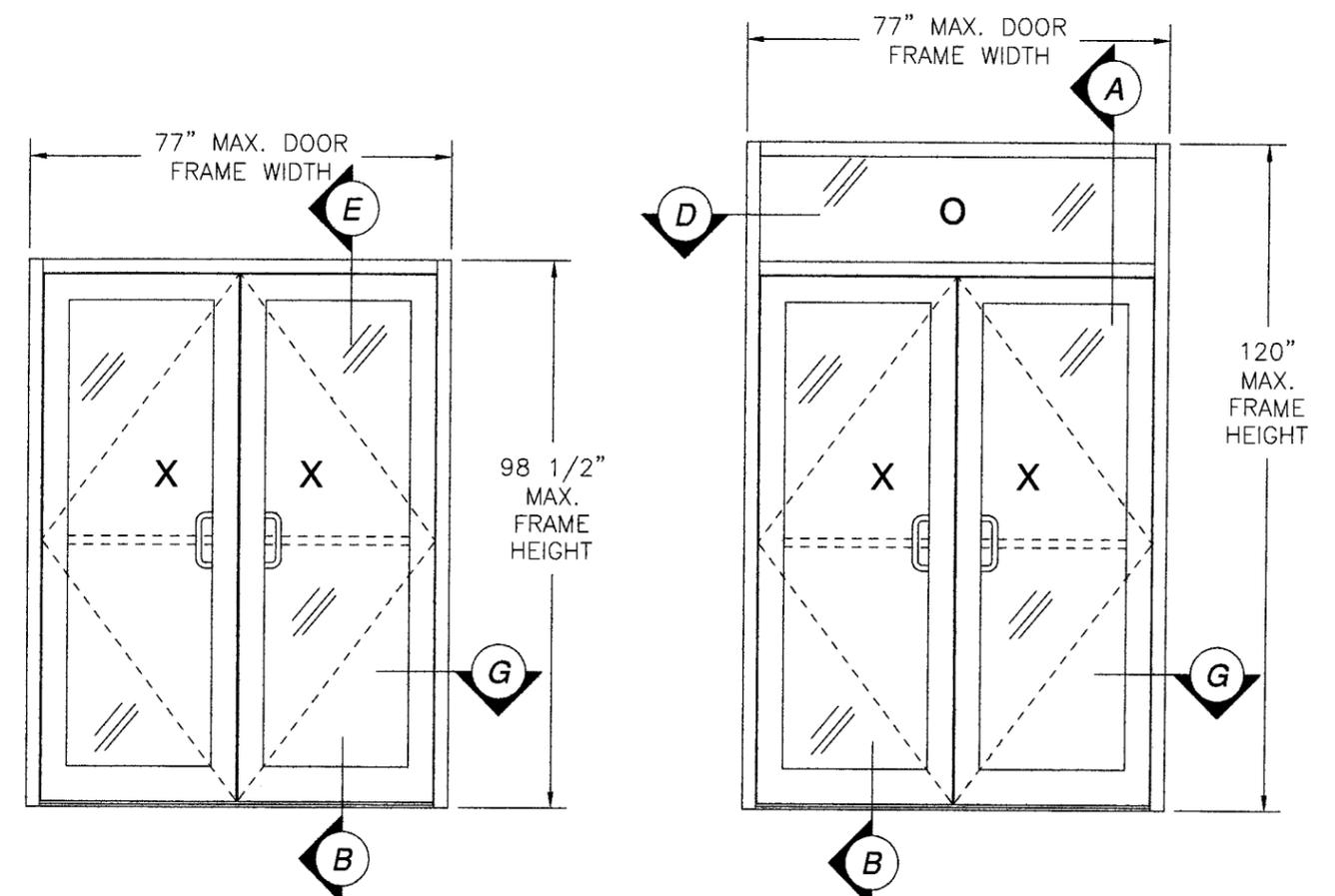
Luis R. Lomas P.E.
 Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



SINGLE

SINGLE W/TRANSOM



DOUBLE

DOUBLE W/TRANSOM

INSTALLED WITH WATER THRESHOLD
(PARTS #5, #6 AND #33)

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

INSTALLED WITH AIR THRESHOLD (PART #7)

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

INSTALLED WITH AIR OR WATER THRESHOLD
(PARTS #7 OR #5, #6 AND #33)

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

Approved in compliance with the
Florida Building Code
Date JULY 7 2010
NGAS 10-0422.07
Metal Door Product Control
By Manuel Perez

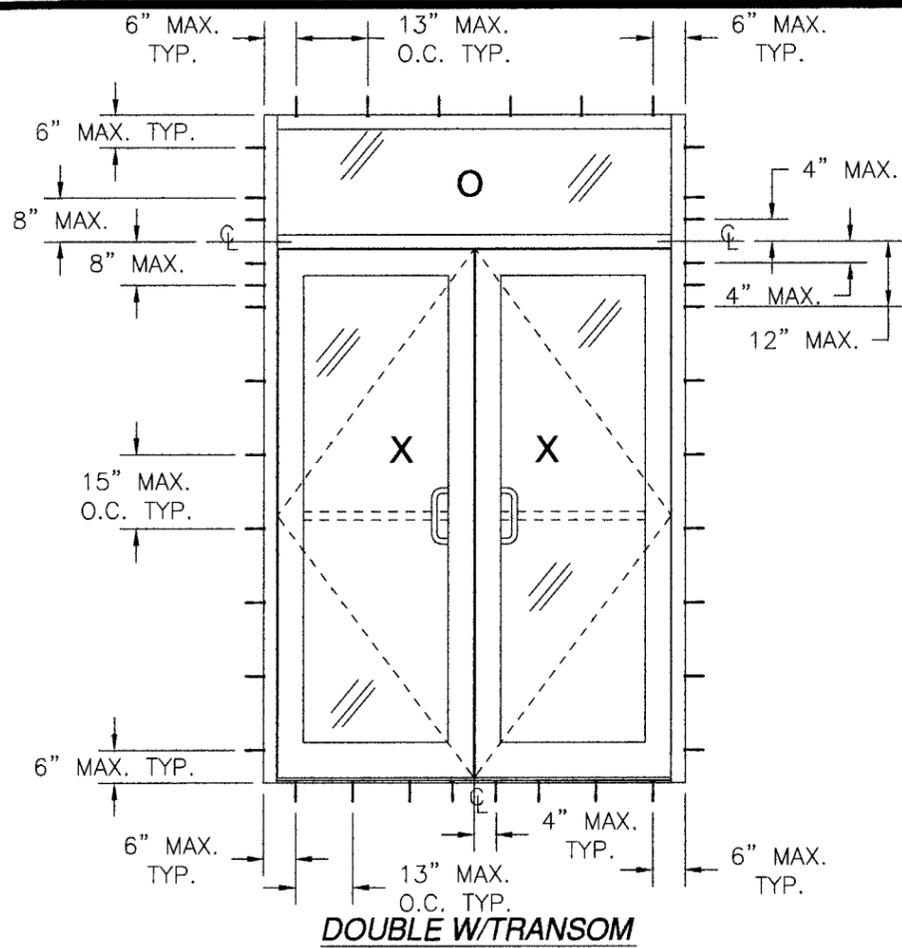
UNITED STATES ALUMINUM
720 CEL-RIVER ROAD
ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
ADDITIONAL APPROVED CONFIGURATIONS

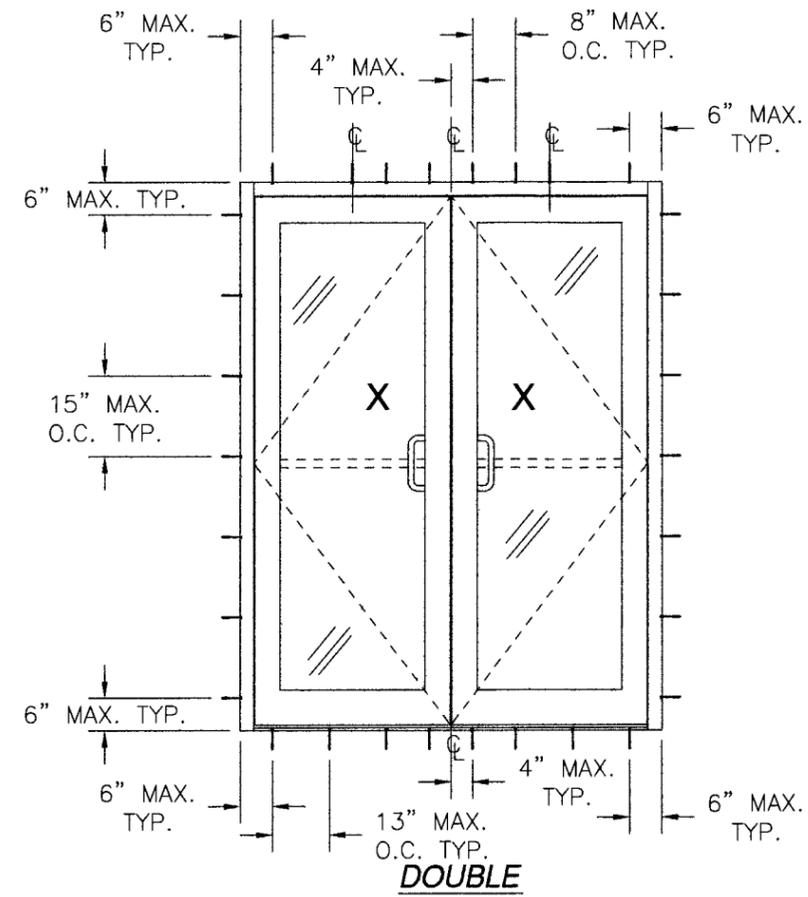
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SCALE NTS	DATE 01/11/10	SHEET 2 OF 13

Luis R. Lomas
6/8/10

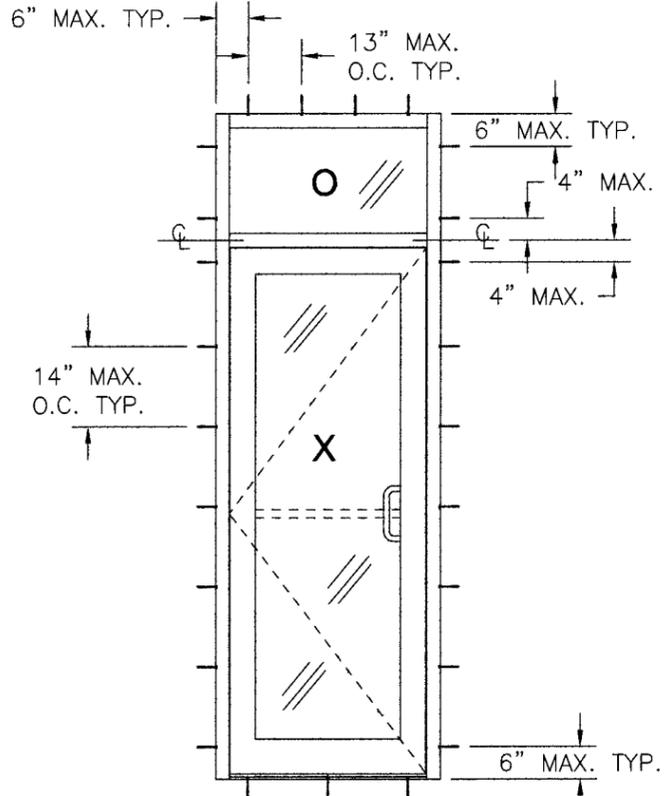
Luis R. Lomas P.E.
Florida No. 62514



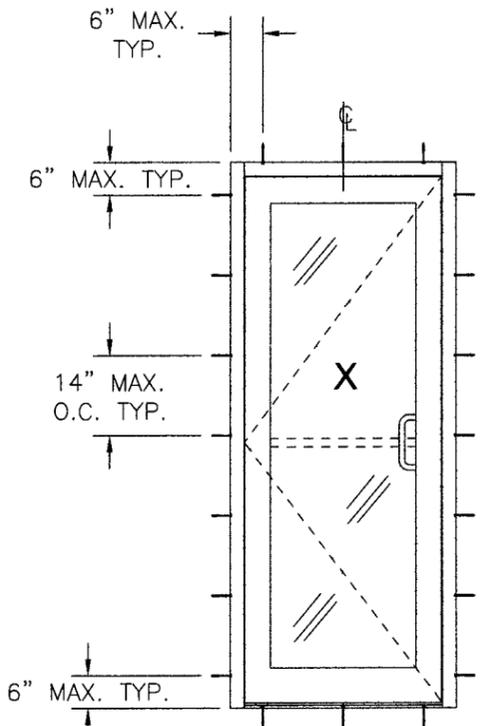
DOUBLE W/TRANSOM



DOUBLE



SINGLE W/TRANSOM



SINGLE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.

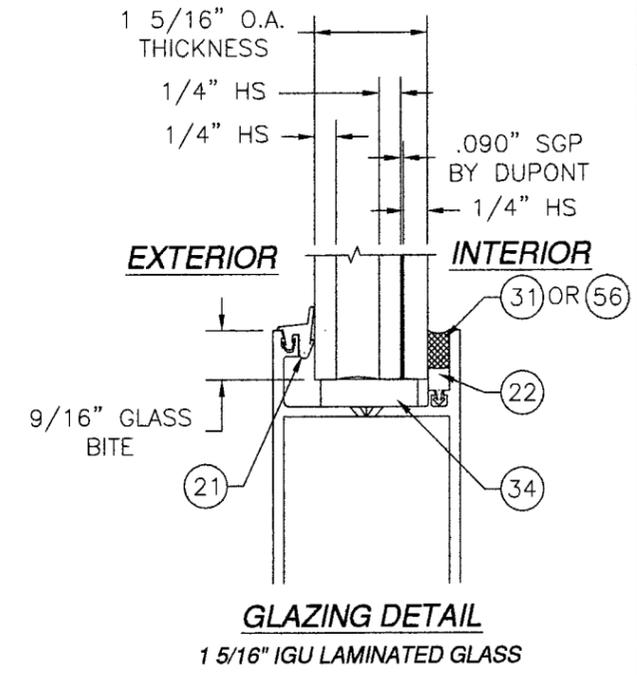
- 1) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2".
- 2) FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO CONCRETE USE 3/8" POWER-BOLT ANCHOR WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3" MINIMUM EDGE DISTANCE.
- 3) FOR ANCHORING AIR THRESHOLD INTO CONCRETE USE 1/4" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE.
- 4) FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO WOOD FRAME USE 3/8" LAG SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2" MINIMUM EDGE DISTANCE.
- 5) FOR ANCHORING AIR THRESHOLD INTO WOOD FRAME USE #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 5/8" MINIMUM EDGE DISTANCE.
- 6) FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO 16GA. MINIMUM STEEL FRAME USE 3/8" SELF TAPPING SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM EMBEDMENT BEYOND STEEL FRAMING.
- 7) FOR ANCHORING AIR THRESHOLD INTO 16GA. MINIMUM STEEL FRAME USE #14 TEK SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREADS MINIMUM EMBEDMENT BEYOND STEEL FRAMING.
- 8) ALL FASTENERS TO BE CORROSION RESISTANT.
- 9) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 C. STEEL FRAMING - 12GA. (.120") MINIMUM STEEL STUD.
- 10) ALL DISSIMILAR MATERIALS MUST BE SEPARATED PER STANDARD INSTALLATION PRACTICES.
- 11) TYPICAL PERIMETER FASTENERS AND SEALANTS BY OTHERS.

Approved as complying with the Florida Building Code Date: JULY 7, 2010 RCB: 10-0422-07 Released Under Product Control Drawn By: <i>Manuel Perez</i>	UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		 6/8/10 Luis R. Lomas P.E. Florida No. 62514	
	SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI ANCHORING LAYOUT AND NOTES			
	DRAWN: TJH	DWG NO. 08-00920		REV A
	SCALE NTS	DATE 01/11/10		SHEET 3 OF 13

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	BT805	VERTICAL JAMB	US ALUMINUM	ALUMINUM 6063-T5
2	IG568	OPTIONAL DOOR HEADER	US ALUMINUM	ALUMINUM 6063-T5
3	BT852	HEAD MULLION	US ALUMINUM	ALUMINUM 6063-T5
4		NOT USED		
5	BT870	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5
6	TH100	BT601 WATER THRESHOLD	US ALUMINUM	ALUMINUM 6063-T5
7	TH821	AIR THRESHOLD	US ALUMINUM	ALUMINUM 6063-T5
8	BT853	DOOR HEADER	US ALUMINUM	ALUMINUM 6063-T5
9	BT804	VERTICAL MULLION FILLER	US ALUMINUM	ALUMINUM 6063-T5
10	BT862	HORIZONTAL MULLION	US ALUMINUM	ALUMINUM 6063-T5
11	BR863	BT601 GLASS STOP	US ALUMINUM	ALUMINUM 6063-T5
12	BR847	DOOR STOP ADAPTER	US ALUMINUM	ALUMINUM 6063-T5
13	EC870	END DAM	US ALUMINUM	A-245
14	BT867	HORIZONTAL HEADER	US ALUMINUM	ALUMINUM 6063-T5
15	IE502	TOP RAIL	US ALUMINUM	ALUMINUM 6063-T5
16	BT815	VERTICAL MULLION	US ALUMINUM	ALUMINUM 6063-T5
17	IE150	DOOR GLAZING STOP	US ALUMINUM	ALUMINUM 6063-T5
18	BT835	HEAVY DUTY VERTICAL MULL	US ALUMINUM	ALUMINUM 6063-T5
19	IE501	16500 BOTTOM RAIL	US ALUMINUM	ALUMINUM 6063-T5
20	NP801	DOOR WEATHERSTRIP	US ALUMINUM	
21	NP225	TOP LOAD GASKET	US ALUMINUM	EPDM
22	SP250	GLAZING SEAL	US ALUMINUM	SCR
23	BT872	HORIZONTAL SILL	US ALUMINUM	ALUMINUM 6063-T5
24	SB117	SETTING BLOCK - 1 1/4" GLASS	US ALUMINUM	EPDM
25	ST266	#12 x 1" HWH SMS		
26	ST268	#12 x 3/4" HWH SMS		
27		LARGE MISSILE IMPACT GLASS		
28		8GA. STEEL STIFFENER HEAVY	US ALUMINUM	A36 MILD STEEL
29		NOT USED		
30	ST035	#10 x 5/8" FH SMS		
31	DOW 995	GLAZING COMPOUND	DOW CORNING	SILICONE
32	CB901	6" CORNER BLOCK	US ALUMINUM	
33	TH804	HP WATER TRESHOLD INSERT	US ALUMINUM	ALUMINUM 6063-T5
34	D917	SETTING BLOCK	US ALUMINUM	EPDM
35	IE560	INACTIVE STILE	US ALUMINUM	ALUMINUM 6063-T5
36	IG146	DOOR STOP	US ALUMINUM	ALUMINUM 6063-T5
37	IG047/IG046	DOOR STOP INSERT	US ALUMINUM	ALUMINUM 6063-T5
38	IE550	ACTIVE STILE	US ALUMINUM	ALUMINUM 6063-T5
39	IE520	HINGE STILE	US ALUMINUM	ALUMINUM 6063-T5
40	W-510	DOOR WEATHERSTRIP	US ALUMINUM	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.

PARTS LIST								
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL				
41	CB802	SHEAR CHANNEL	US ALUMINUM	ALUMINUM 6063-T5				
42	AHT 8	PANIC BAR	AHT					
43	1953A-450	STANDARD LOCKSET	ADAMS RITE					
44	4111	CLOSER	LCN					
45	1461	SURFACE CLOSER	LCN					
46	20-330	OHCC CLOSER	JACKSON					
47	2030	OHCC CLOSER	LCN					
48	CL045	SURFACE CLOSER	CR LAWRENCE					
49		FLUSH BOLT	US ALUMINUM					
50		FLUSH BOLT	IVES					
51		1 1/2" BUTT HINGE PAIR	HAGER					
52	CB901	2 3/8" CORNER BLOCK	US ALUMINUM					
53	ST197	#8 x 3/8" PH SMS						
54	DN350	AJUSTABLE ASTRAGAL	US ALUMINUM	ALUMINUM 6063-T5				
55		NOT USED						
56	PROGLAZE SSG	GLAZING COMPOUND	TREMCO	SILICONE				
57	SPECTRUM 2	PERIMETER SEAL	TREMCO	SILICONE				
58	DOW 795	PERIMETER SEAL	DOW CORNING	SILICONE				
59		3/8" - 16 x 3" HH BOLT						
60	TC900	11GA. THRESHOLD CLIP	US ALUMINUM	COLD ROLLED STEEL				
61		#12-24 x 1/4" SCREW						



Approved as complying with the Florida Building Code
 Date: July 7, 2010
 PG# 10-0422-07
 Prepared by: Manuel Perez

UNITED STATES ALUMINUM
 720 CEL-RIVER ROAD
 ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM
 STOREFRONT DOOR SYSTEM - LMI
 BILL OF MATERIALS AND GLAZING DETAILS

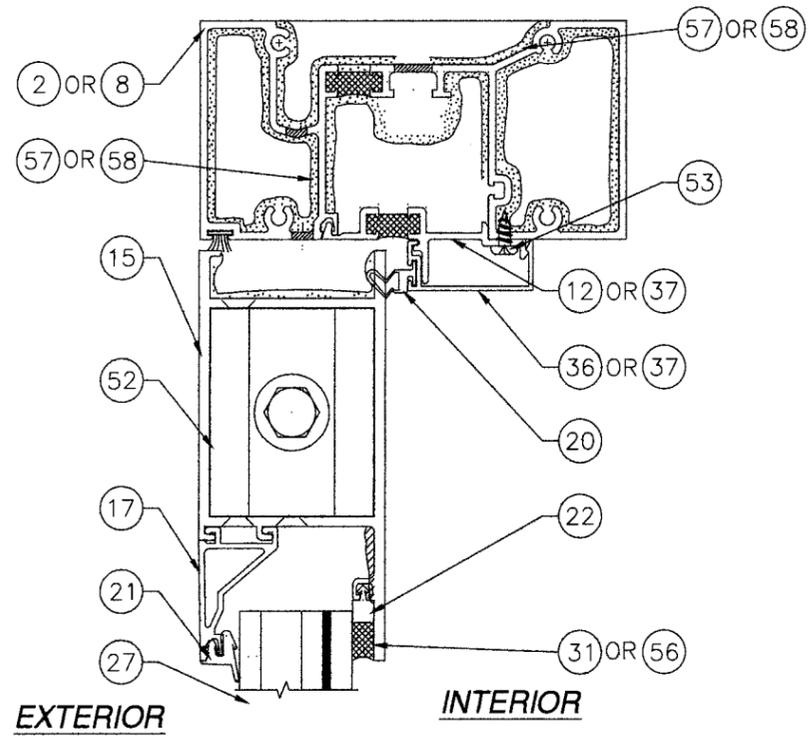
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SCALE NTS DATE 01/11/10 SHEET 4 OF 13

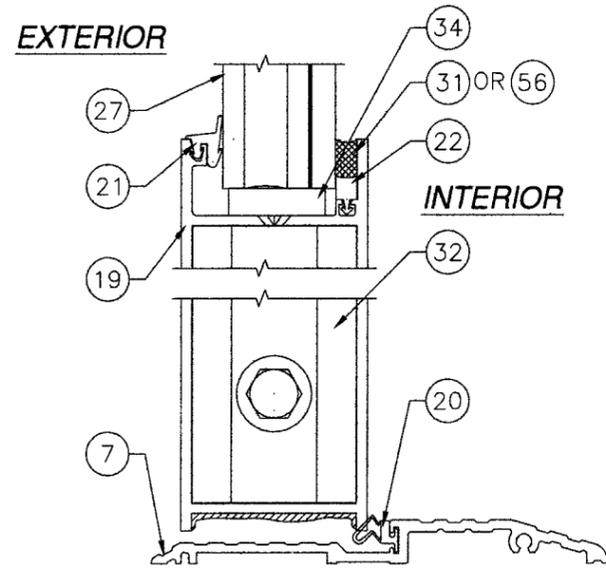
Luis R. Lomas
 6/8/10

Luis R. Lomas P.E.
 Florida No. 62514

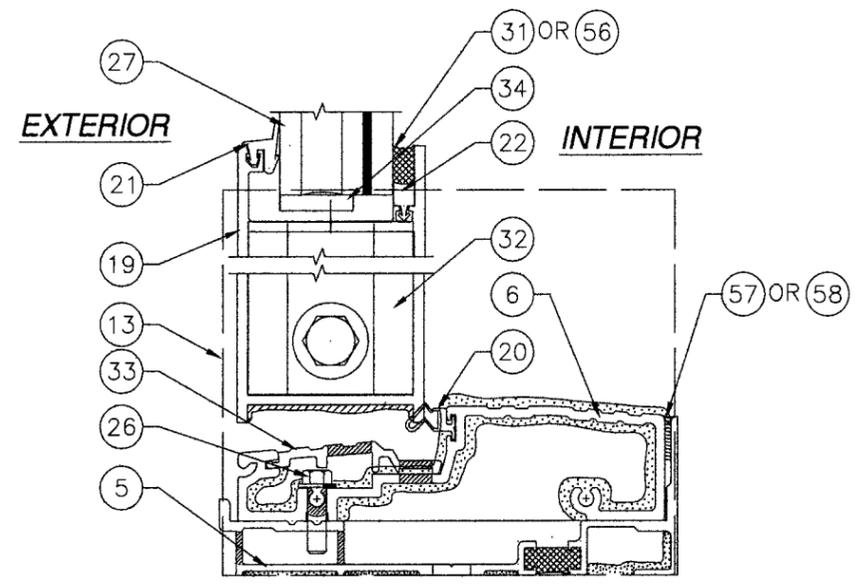
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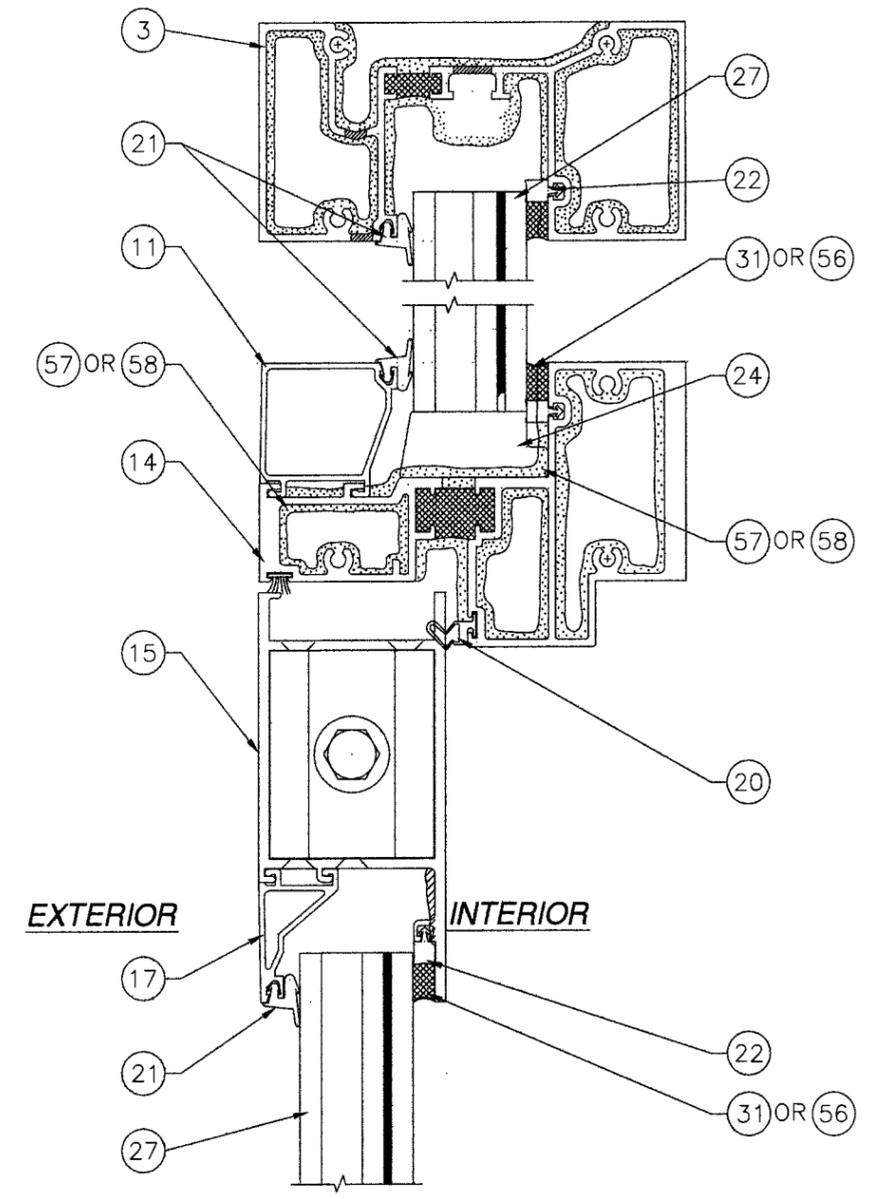
E DOOR HEADER



B DOOR WITH AIR THRESHOLD



B DOOR WITH WATER THRESHOLD



A DOOR HEADER AND TRANSOM

NOTE: FOR ANCHORING TO SUBSTRATE SEE SHEETS 7 THRU 10.

Approved as complying with the Florida Building Code
 Date July 7, 2010
 NOAH 10-0422-07
 Miami Dade Product Control
 Drawn By: Manuel Perez

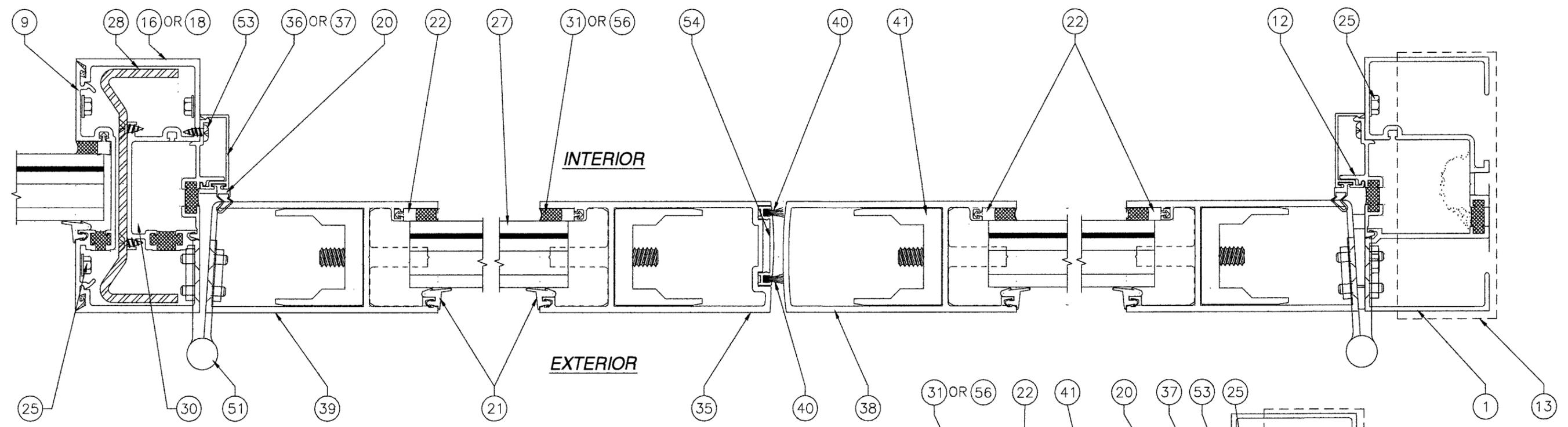
UNITED STATES ALUMINUM
 720 CEL-RIVER ROAD
 ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00920	REV A
SCALE NTS	DATE 01/11/10	SHEET 5 OF 13

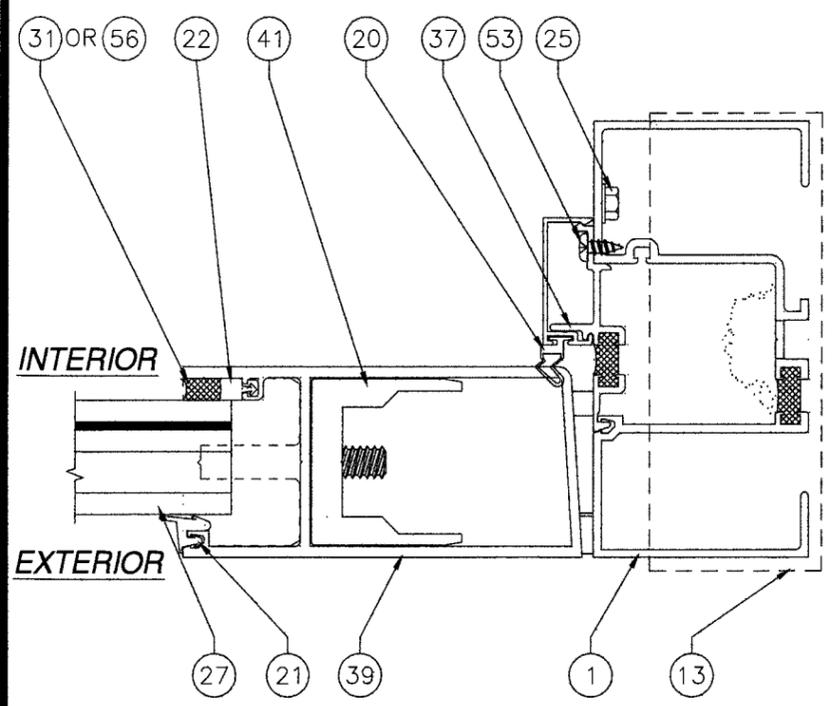
Luis R. Lomas
 6/8/10
 Luis R. Lomas P.E.
 Florida No. 62514

REVISIONS			
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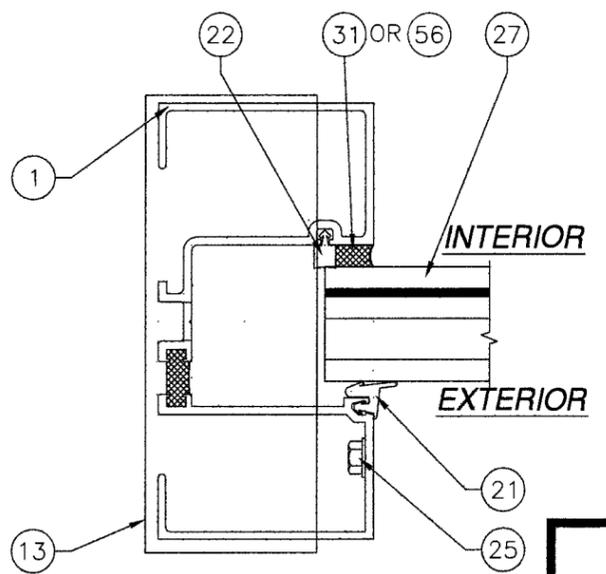


MULLION ASSEMBLY PROPERTIES
 TOTAL Ix (IN TERMS OF ALUMINUM): 18.6538 in⁴
 Sx ALUMINUM: 7.307 in³

C DOUBLE DOOR

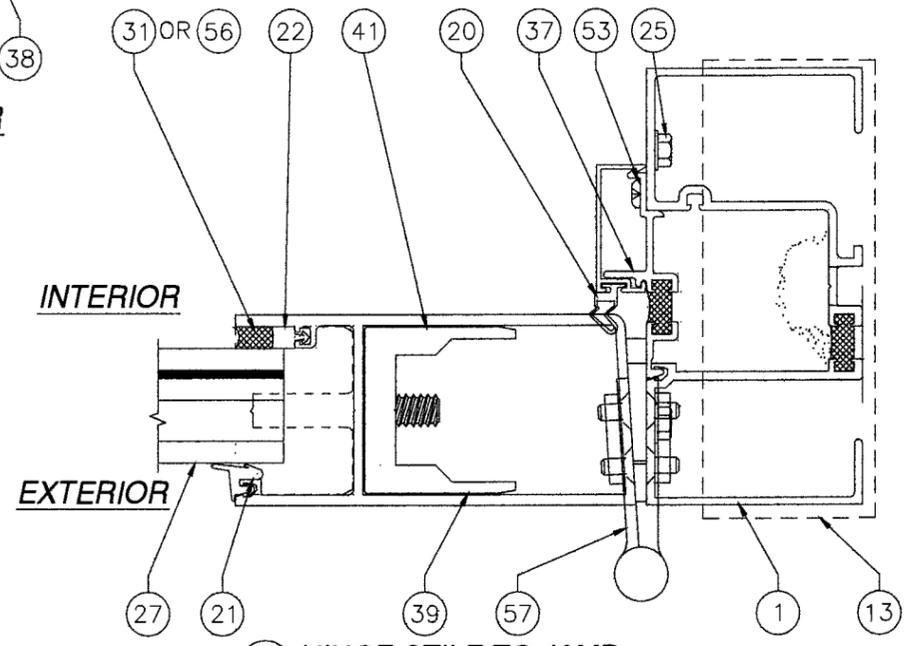


F LOCK STILE TO JAMB



D TRANSOM JAMB

NOTE: FOR ANCHORING TO SUBSTRATE SEE SHEETS 7 THRU 10.



G HINGE STILE TO JAMB

Approved as complying with the Florida Building Code Date: <u>July 7, 2010</u> No. <u>10-0422.07</u> Miami Dade Product Control By: <i>Manuel Perez</i>		UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		<i>Luis R. Lomas</i> 6/8/10 Luis R. Lomas P.E. Florida No. 62514	
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI CROSS SECTIONS		DRAWN: TJH	DWG NO. 08-00920		REV A
SCALE NTS	DATE 01/11/10	SHEET 6 OF 13			

1 1/2" MIN. EDGE DIST.

1 7/8" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

1/2" MAX. SHIM

BACKER ROD AND APPROVED SEALANT BY OTHERS

BACKER ROD AND APPROVED SEALANT BY OTHERS

3/8" LAG SCREW

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

EXTERIOR

INTERIOR

(E) DOOR HEADER

2X WOOD FRAMING INSTALLATION TRANSOM HEADER SIMILAR

EXTERIOR

INTERIOR

3/8" LAG SCREW

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

SILL TO BE SET IN BED OF APPROVED SEALANT

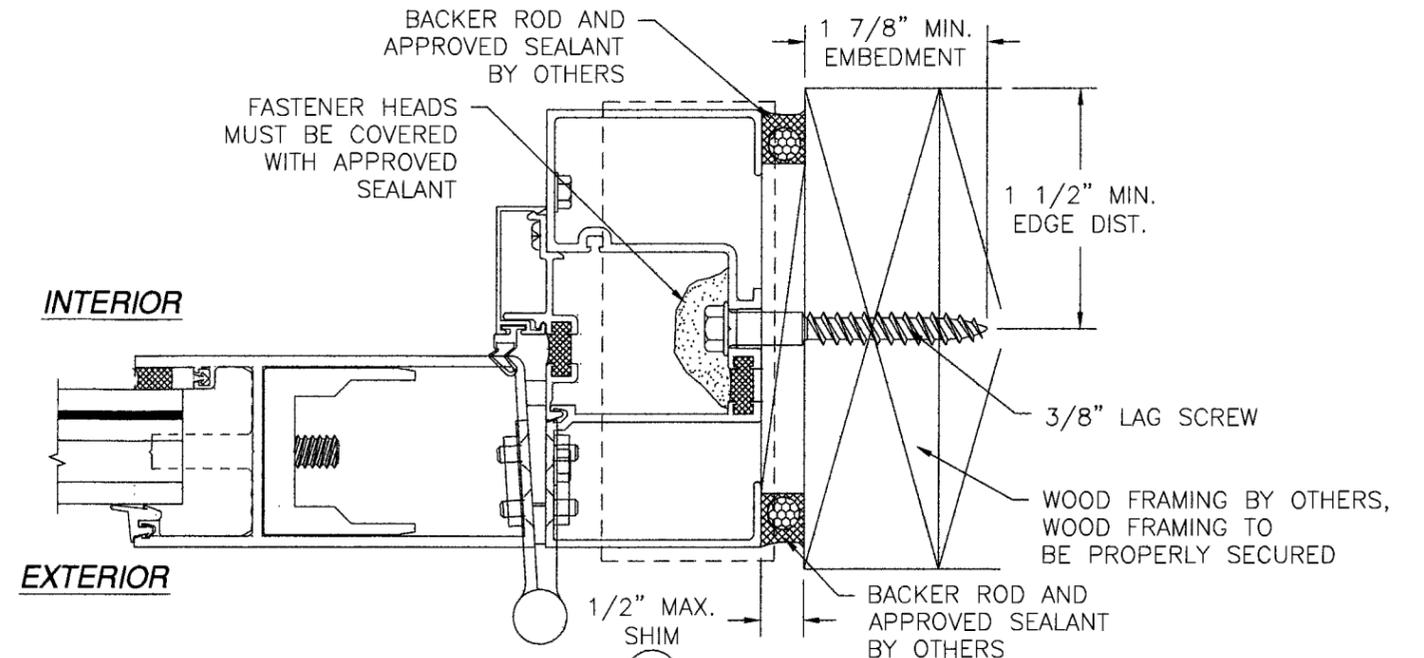
1 7/8" MIN. EMBEDMENT

1 1/2" MIN. EDGE DIST.

(B) WATER THRESHOLD

2X WOOD FRAMING INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



(G) JAMB

2X WOOD FRAMING INSTALLATION

HINGE JAMB SHOWN, LOCK JAMB AND TRANSOM JAMB SIMILAR

EXTERIOR

INTERIOR

#14 WOOD SCREW

SILL TO BE SET IN BED OF APPROVED SEALANT

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

1 5/8" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

(B) AIR THRESHOLD

2X WOOD FRAMING INSTALLATION

UNITED STATES ALUMINUM

720 CEL-RIVER ROAD
ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM - LMI
INSTALLATION DETAILS

DRAWN:

TJH

DWG NO.

08-00920

REV

A

SCALE NTS

DATE

01/11/10

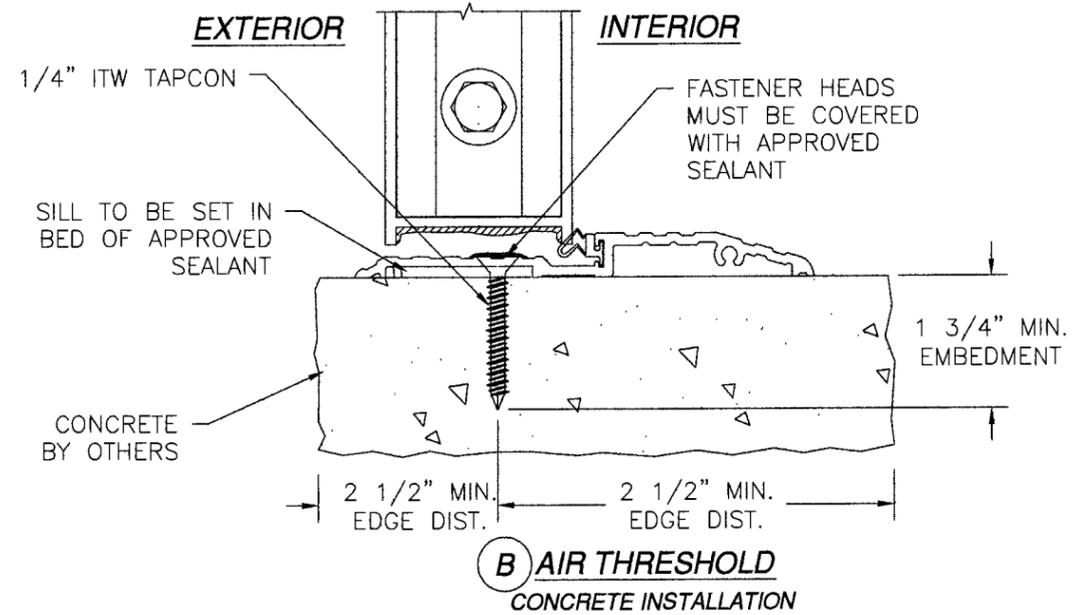
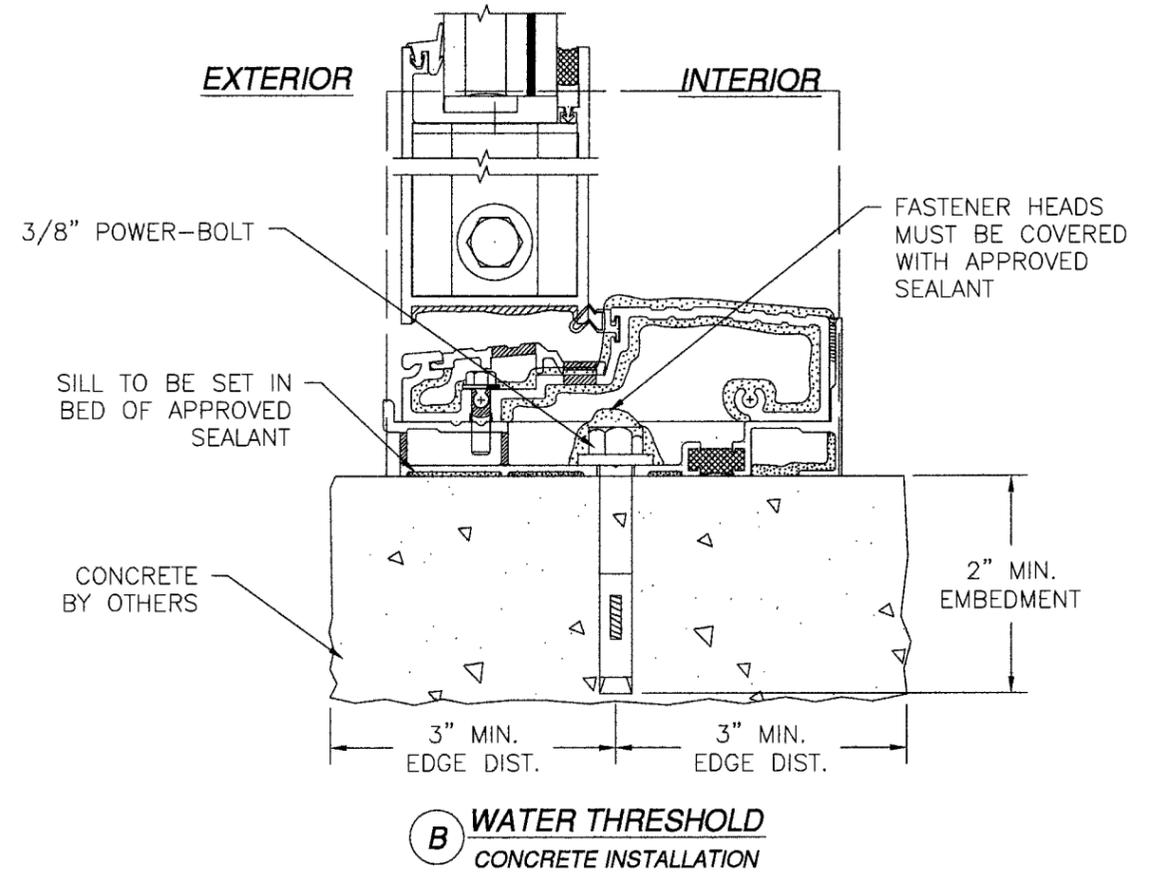
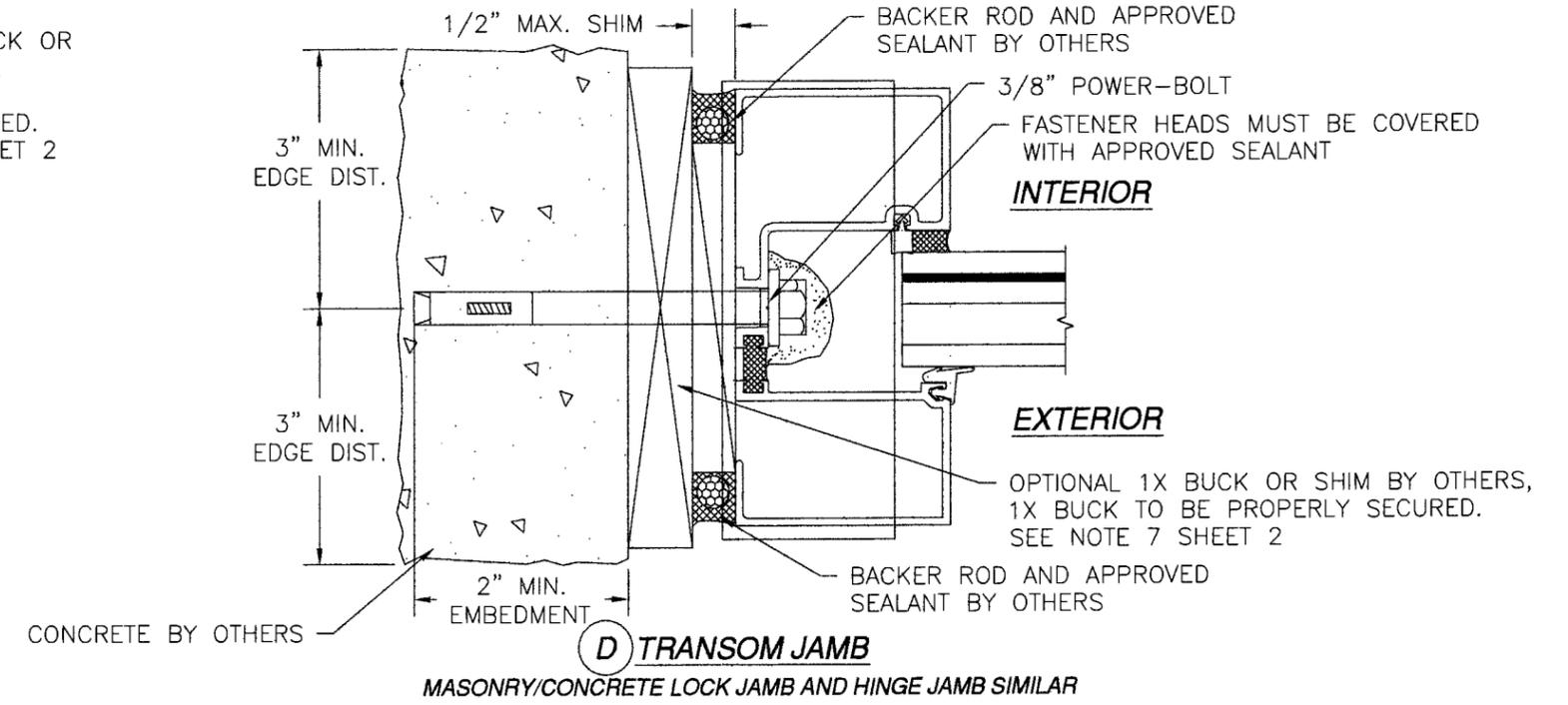
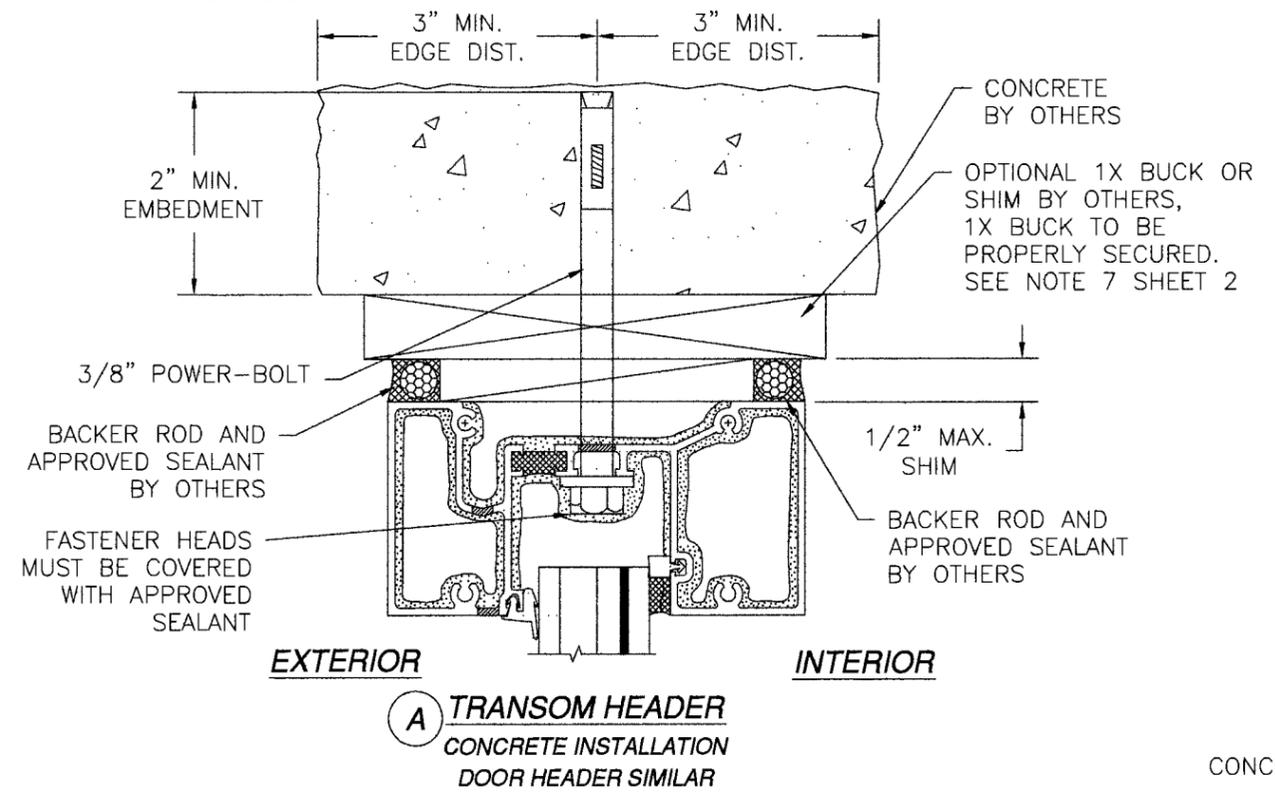
SHEET 7 OF 13

Approved to comply with the
Florida Building Code
Date July 7, 2010
NOAR 10-0422-07
Miami Dade Product Control
Division
By Manuel Perez

Luis R. Lomas
6/8/10

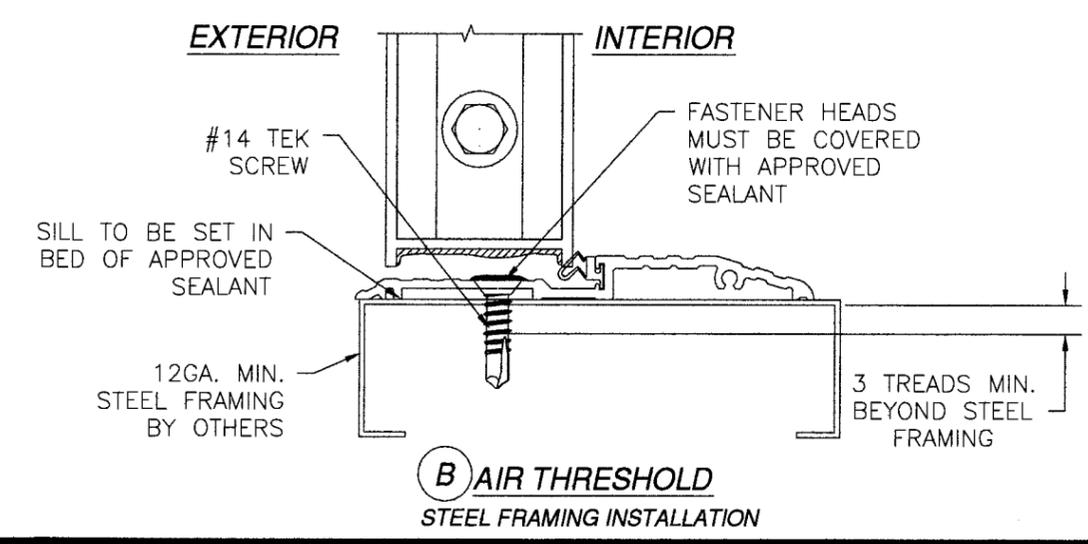
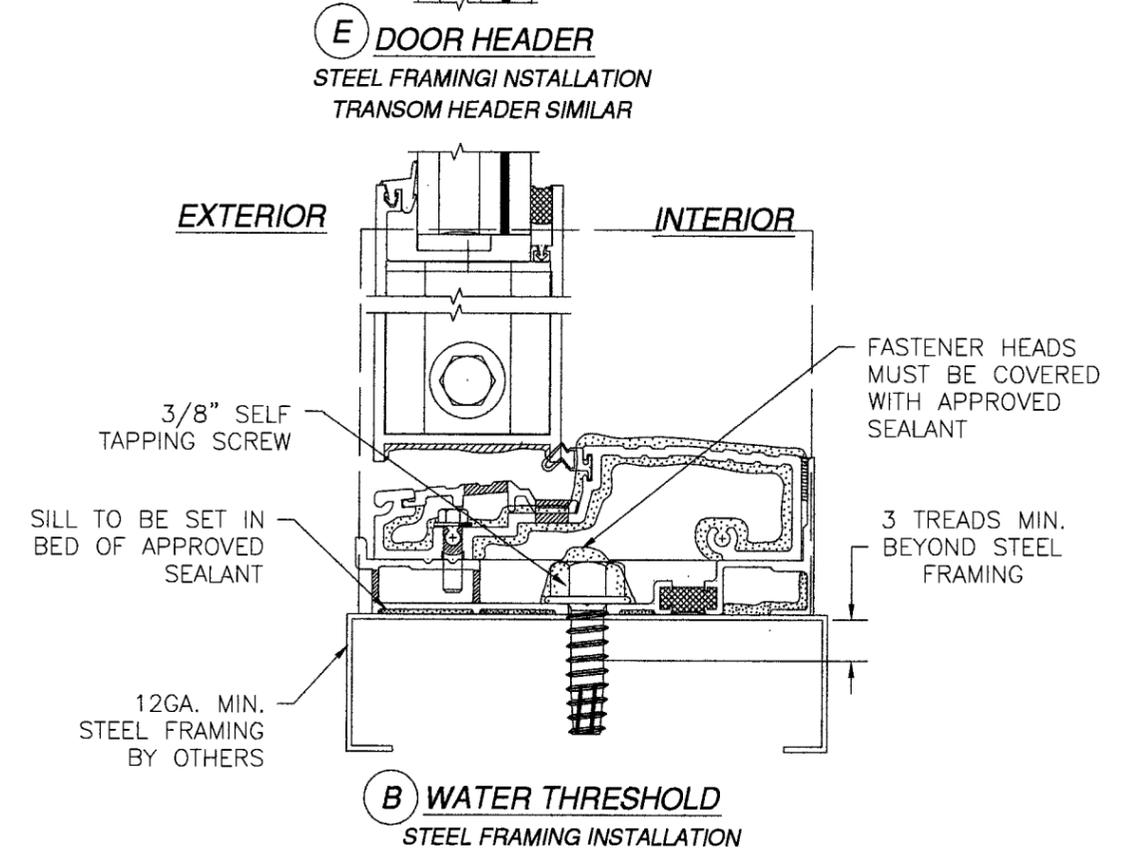
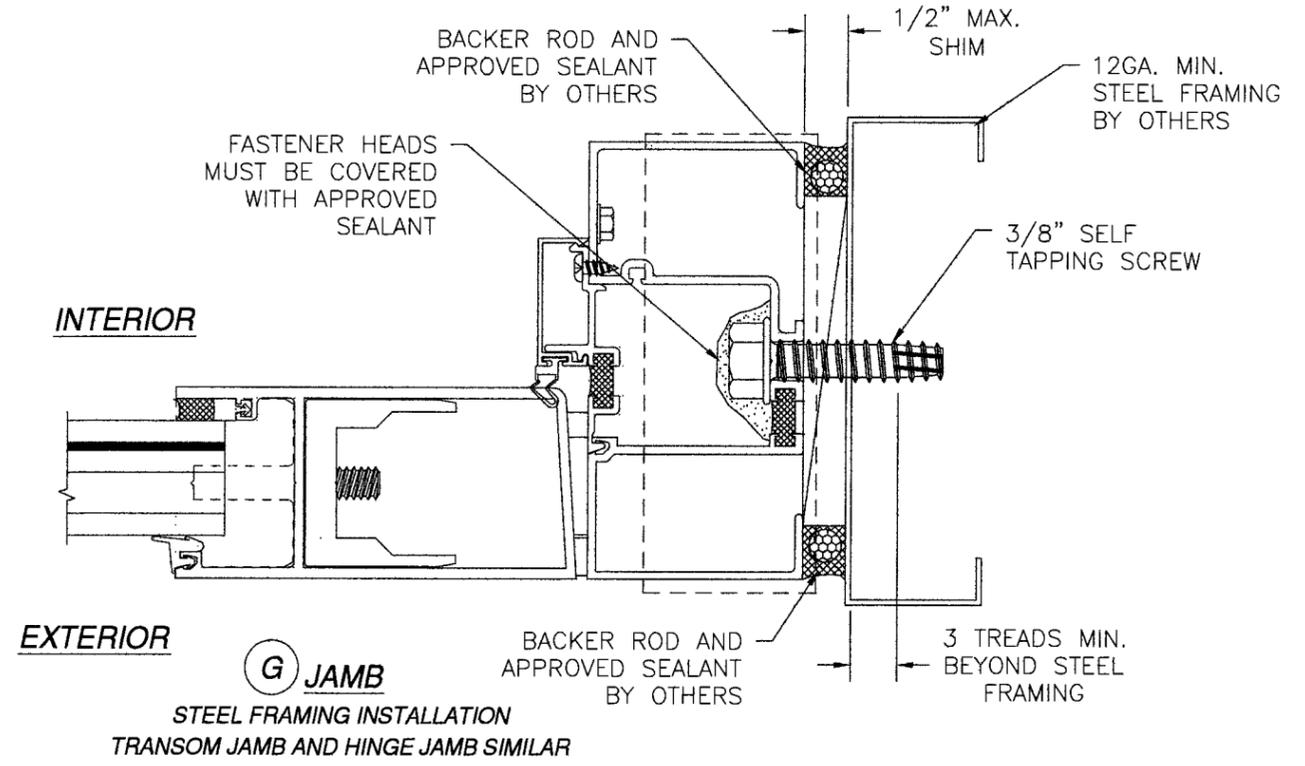
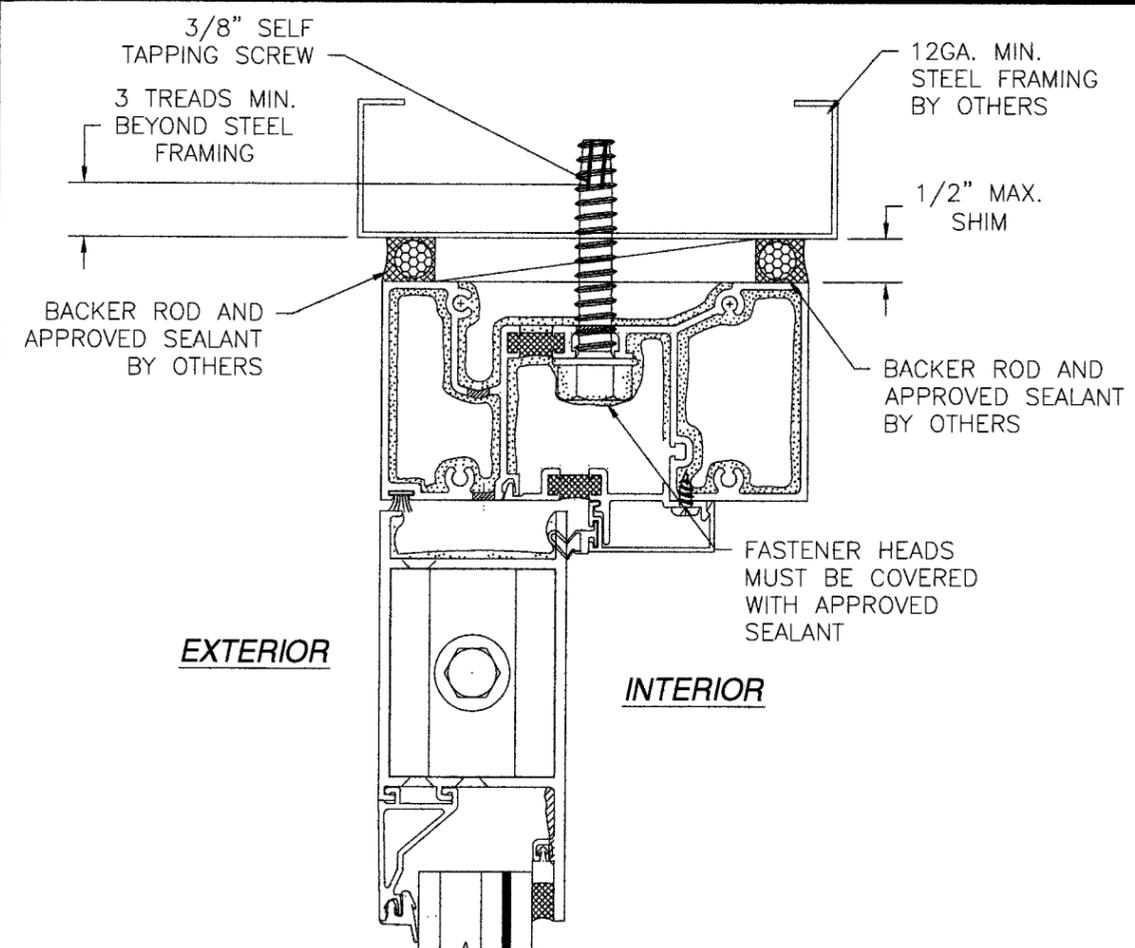
Luis R. Lomas P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



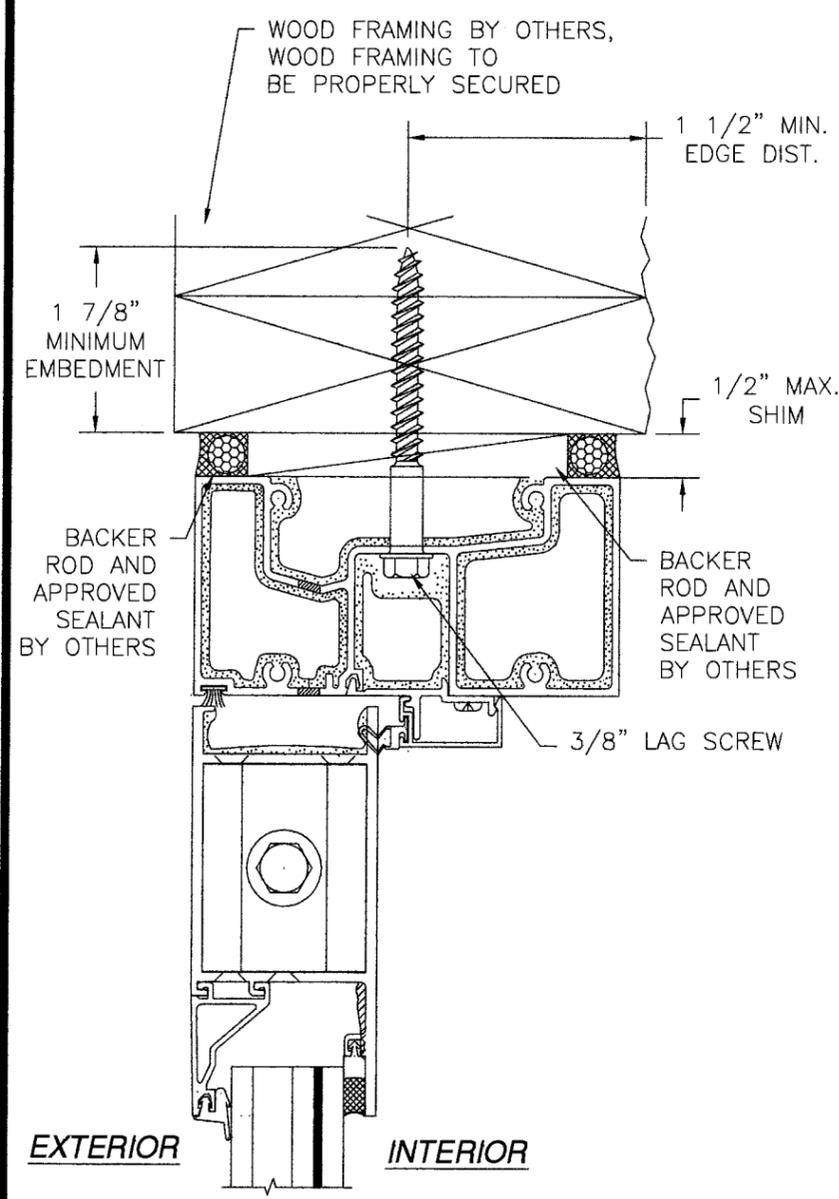
Approved as complying with the Florida Building Code Date JULY 7, 2010 NO. 10-6422.07 By <i>Manuel Perez</i>	UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		<i>Luis R. Lomas</i> 6/8/10 Luis R. Lomas P.E. Florida No. 62514	
	SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI INSTALLATION DETAILS			
	DRAWN: TJH	DWG NO. 08-00920		REV A
	SCALE NTS	DATE 01/11/10		SHEET 8 OF 13

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.

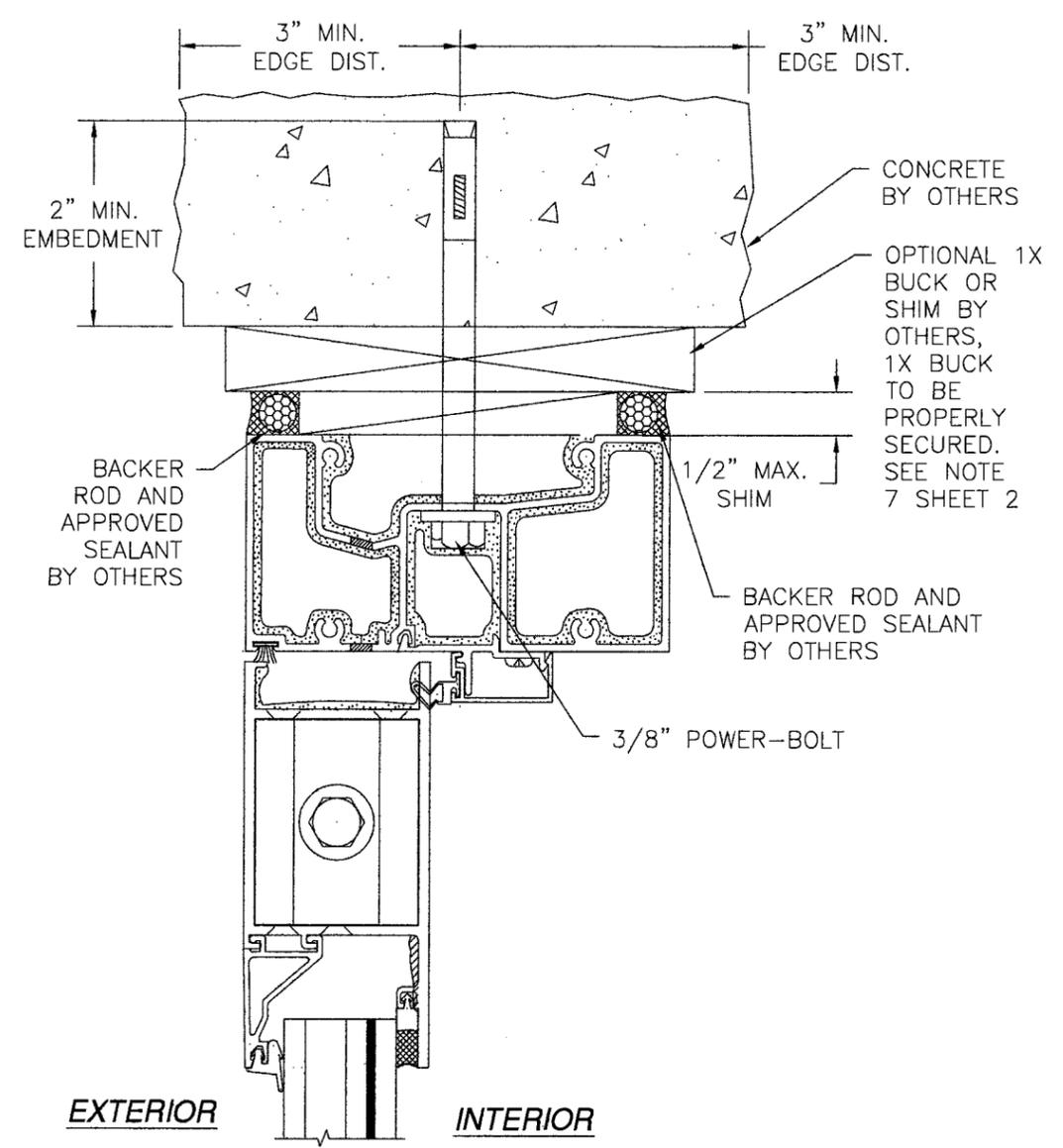


Approved as complying with the Florida Building Code Date: JULY 7 2010 NO. 10-0422-07 By: <i>Mauro Perez</i>		UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		<i>Luis R. Lomas</i> 6/8/10 Luis R. Lomas P.E. Florida No. 62514
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI INSTALLATION DETAILS		DRAWN: TJH DWG NO. 08-00920 REV A		
SCALE NTS DATE 01/11/10 SHEET 9 OF 13				

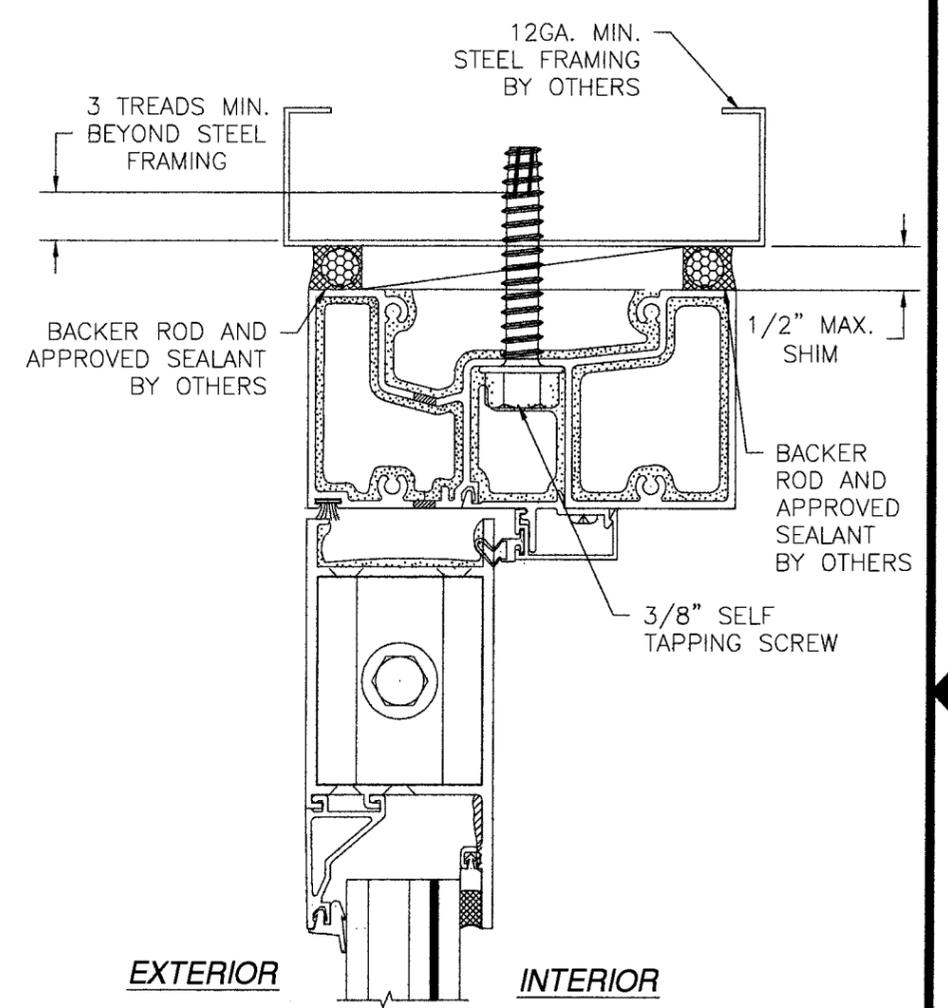
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



E OPTIONAL DOOR HEADER
2X INSTALLATION



E OPTIONAL DOOR HEADER
CONCRETE INSTALLATION



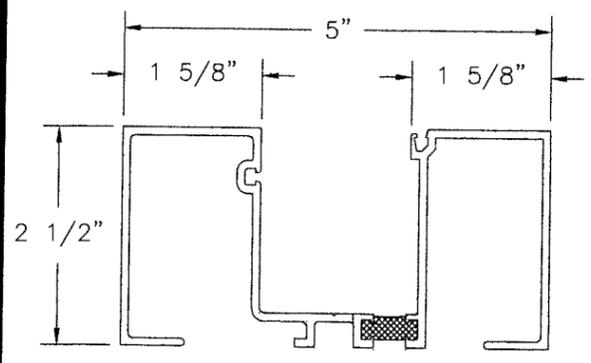
E OPTIONAL DOOR HEADER
STEEL FRAMING INSTALLATION

Approved as complying with the
Florida Building Code
Date: July 7 2010
10-0422-07
Manual Pres

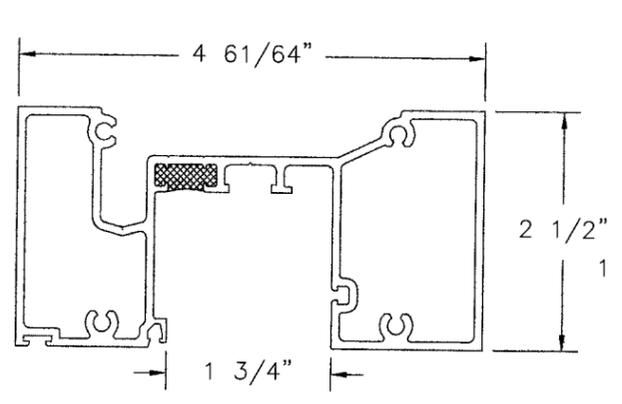
UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00920	REV A
SCALE NTS	DATE 01/11/10	SHEET 10 OF 13

Luis R. Lomas
6/8/10

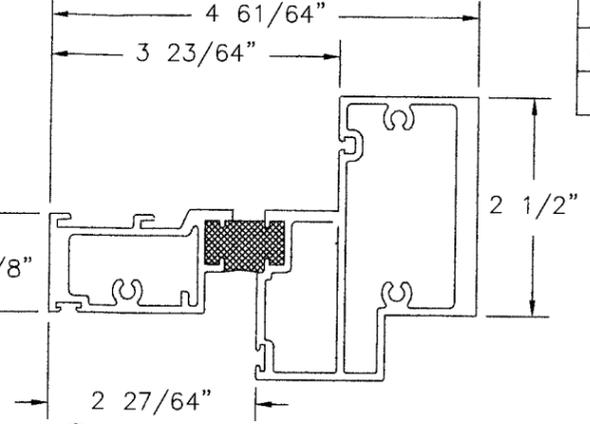
Luis R. Lomas P.E.
Florida No. 62514



① **VERTICAL JAMB**
EXTRUDED ALUMINUM
6063-T5 .095" THICK

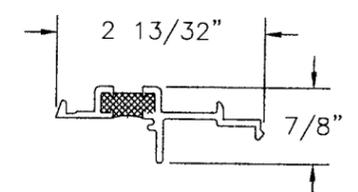


⑧ **DOOR HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK

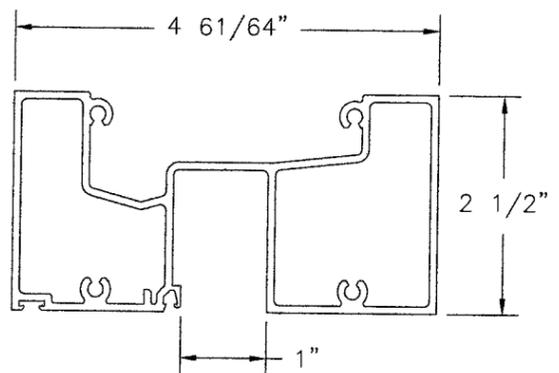


⑭ **HORIZONTAL HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK

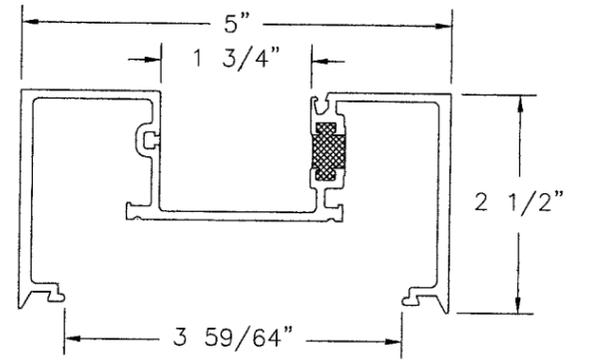
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



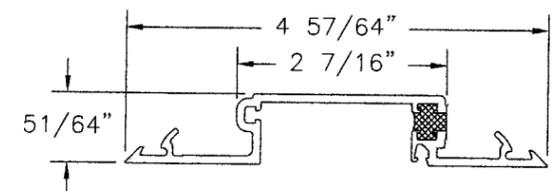
⑫ **DOOR STOP ADAPTER**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



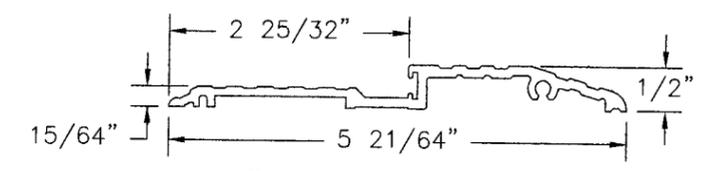
② **OPTIONAL DOOR HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



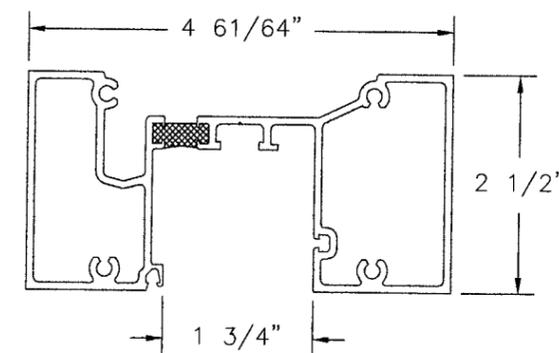
⑯ **VERTICAL MULLION**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



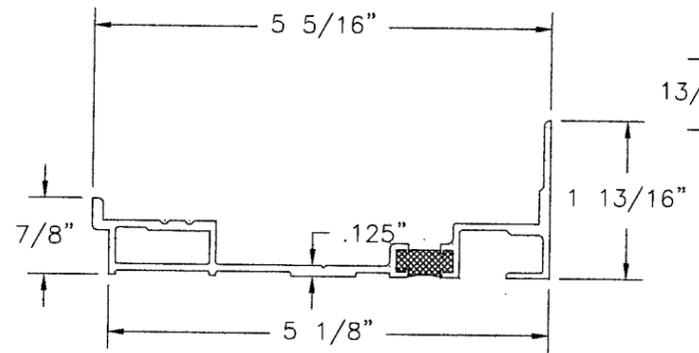
⑨ **VERTICAL MULLION FILLER**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



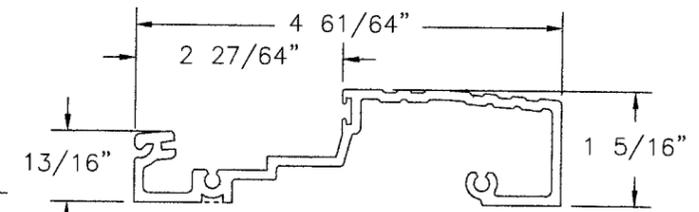
⑦ **AIR THRESHOLD**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



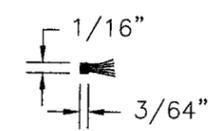
③ **HEAD MULLION**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



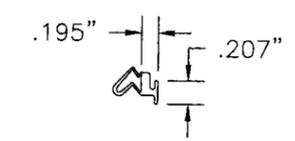
⑤ **SUB SILL**
EXTRUDED ALUMINUM 6063-T5 .075" THICK



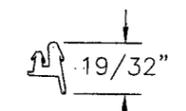
⑥ **WATER THRESHOLD**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



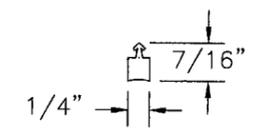
④① **DOOR WEATHERSTRIP**
POLY PILE



②① **DOOR WEATHERSTRIP**
VINYL



②① **TOP LOAD GASKET**
EDPM



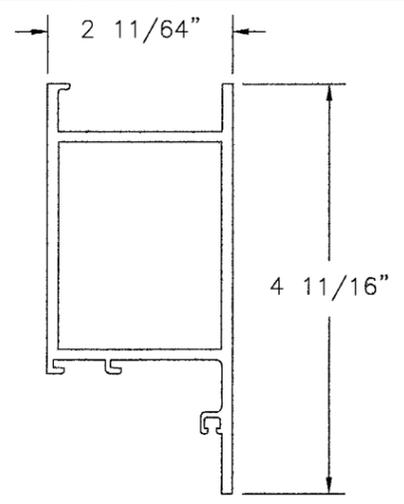
②② **GLAZING SEAL**
SCR

JULY 7 2010
10-0422-07
Maurice Perry

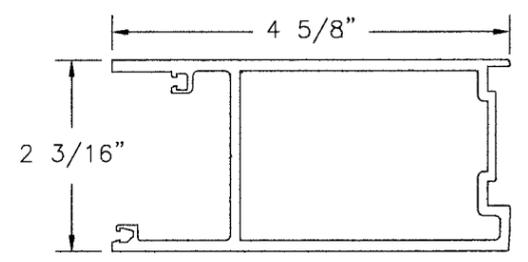
UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI COMPONENTS		
DRAWN: TJH	DWG NO. 08-00920	REV A
SCALE NTS	DATE 01/11/10	SHEET 11 OF 13

Luis R. Lomas
6/8/10
Luis R. Lomas P.E.
Florida No. 62514

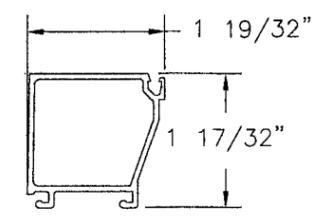
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



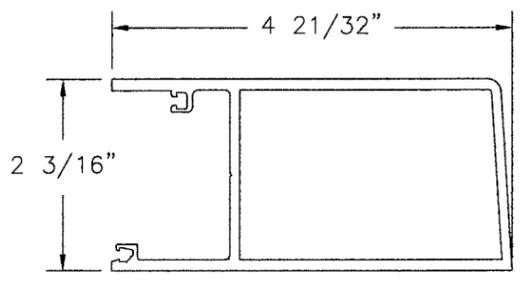
15 DOOR TOP RAIL
EXTRUDED ALUMINUM
6063-T5 .125" THICK



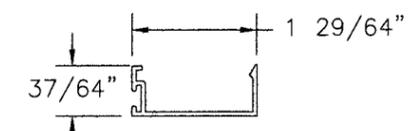
35 INACTIVE STILE
EXTRUDED ALUMINUM
6063-T5 .125" THICK



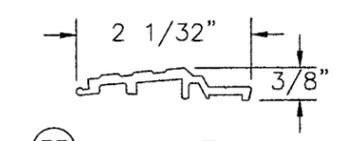
11 GLASS STOP
EXTRUDED ALUMINUM 6063-T5 .062" THICK



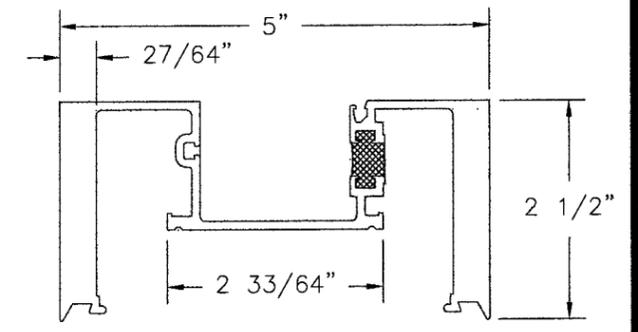
39 HINGE STILE
EXTRUDED ALUMINUM
6063-T5 .125" THICK



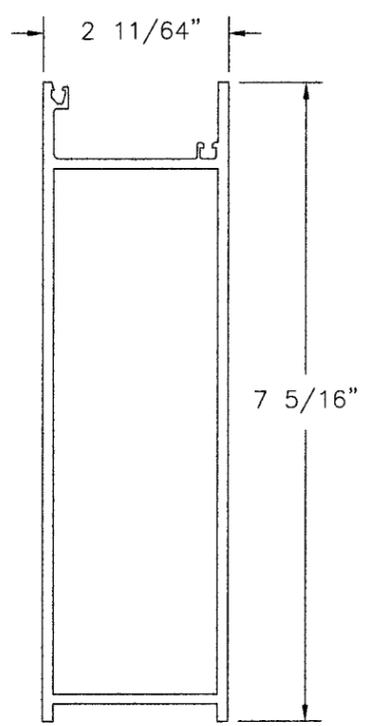
36 DOOR STOP
EXTRUDED ALUMINUM
6063-T5 .050" THICK



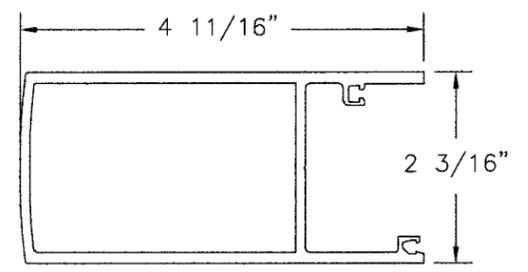
33 HP WATER THRESHOLD INSERT
EXTRUDED ALUMINUM
6063-T5 .090" THICK



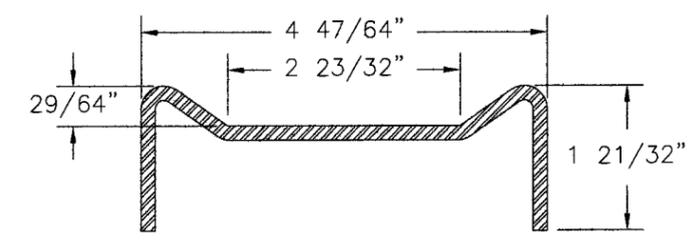
18 HEAVY DUTY VERTICAL MULLION
EXTRUDED ALUMINUM 6063-T5 .095" THICK



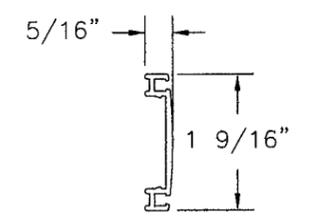
19 BOTTOM RAIL
EXTRUDED ALUMINUM
6063-T5 .125" THICK



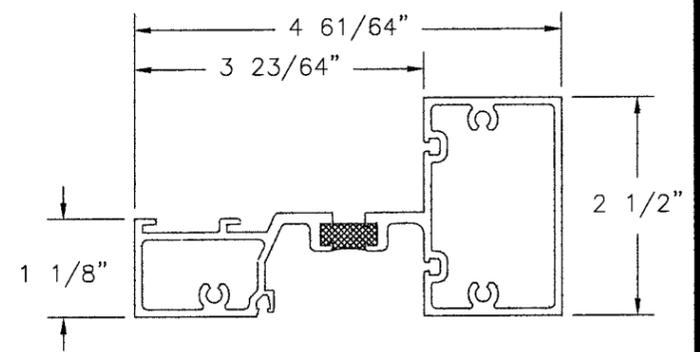
38 ACTIVE STILE
EXTRUDED ALUMINUM
6063-T5 .125" THICK



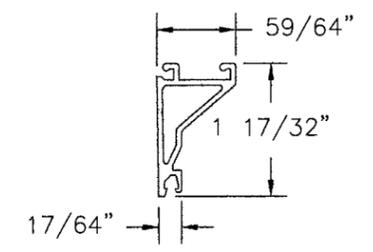
28 STEEL STIFFENER HEAVY
FORMED 8GA. A36 MILD STEEL



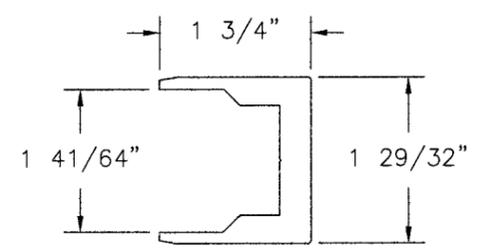
54 ADJUSTABLE ASTRAGAL
EXTRUDED ALUMINUM
6063-T5 .055" THICK



10 HORIZONTAL MULL
EXTRUDED ALUMINUM
6063-T5 .085" THICK



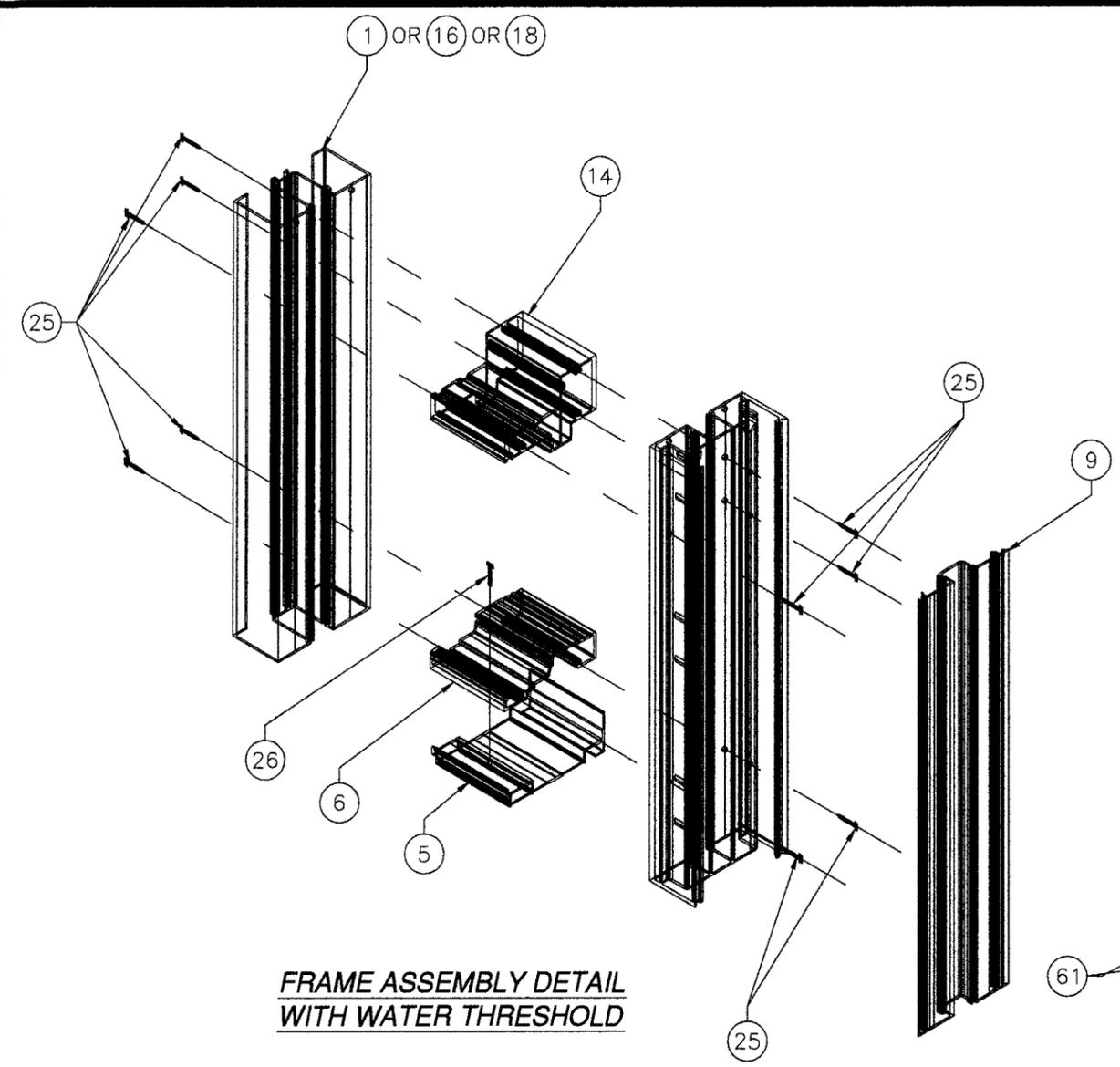
17 DOOR GLAZING STOP
EXTRUDED ALUMINUM
6063-T5 .062" THICK



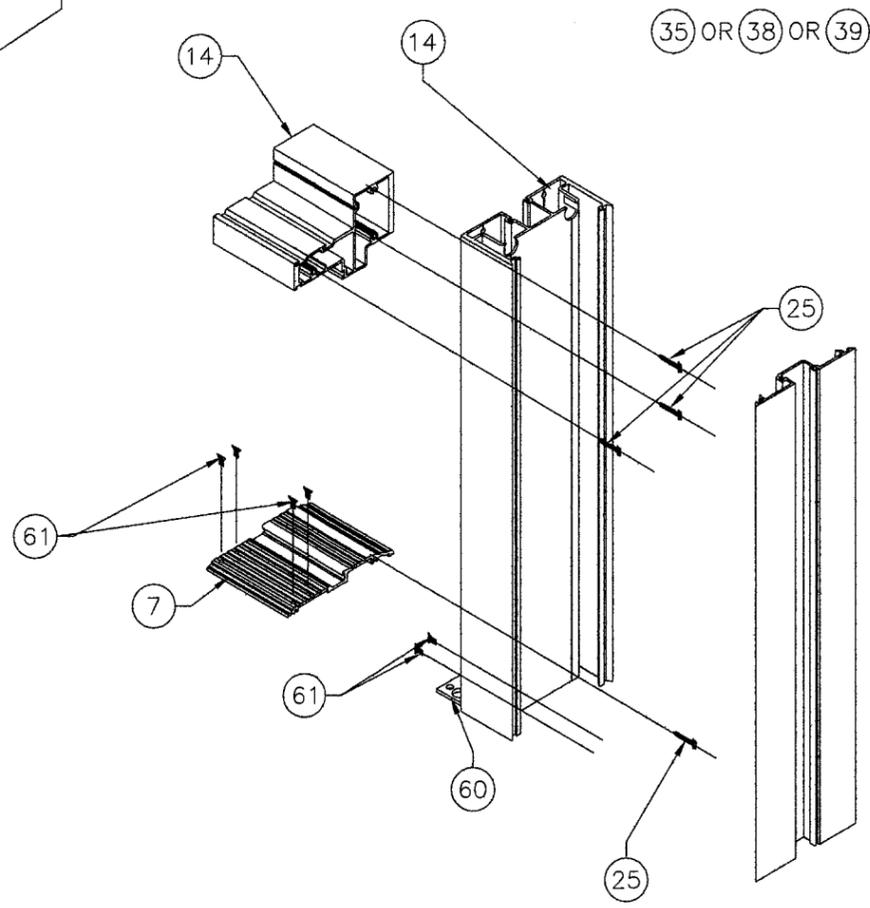
41 SHEAR CHANNEL
EXTRUDED ALUMINUM
6063-T5 .363" THICK

Approved as complying with the Florida Building Code Date: JULY 7, 2010 NOA# 10-0422-07 Florida State Product Control Division By: <i>Manuel Perez</i>	UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730		 6/8/10 Luis R. Lomas P.E. Florida No. 62514
	SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI COMPONENTS		
DRAWN: TJH	DWG NO. 08-00920	REV A	
SCALE NTS	DATE 01/11/10	SHEET 12 OF 13	

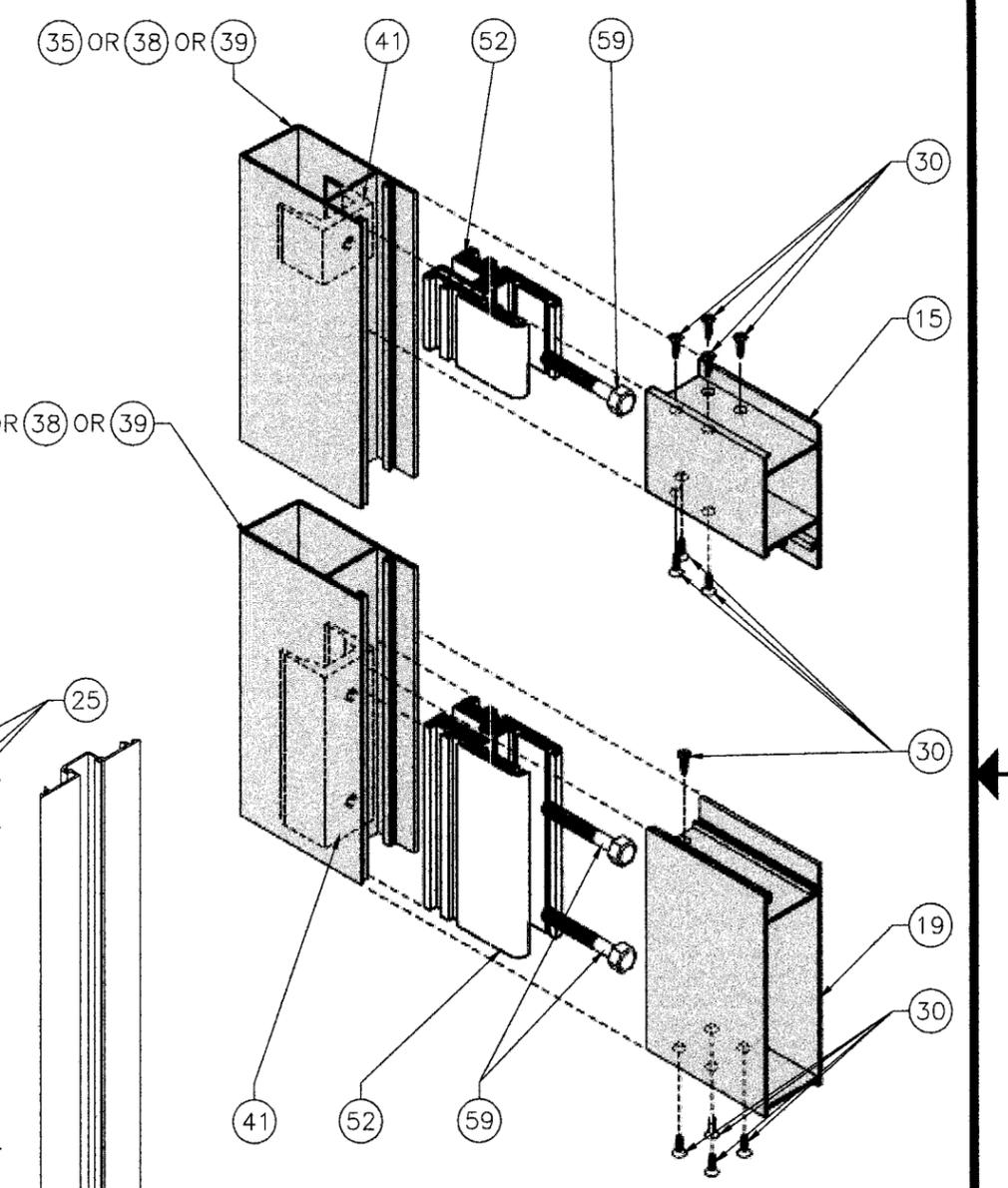
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED 5/27/10	06/02/10	R.L.



**FRAME ASSEMBLY DETAIL
WITH WATER THRESHOLD**



AIR THRESHOLD DETAIL



PANEL ASSEMBLY DETAIL

Approved in compliance with the Florida Building Code Date: JULY 7 2010 No. 10-0422.07 Florida State Product Control By: <i>Marcus Perez</i>	UNITED STATES ALUMINUM 720 CEL-RIVER ROAD ROCK HILL, SC 29730			<i>Luis R. Lomas</i> 6/8/10 Luis R. Lomas P.E. Florida No. 62514
	SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI PANEL AND FRAME ASSEMBLY DETAILS			
	DRAWN: TJH	DWG NO. 08-00920	REV A	
	SCALE NTS	DATE 01/11/10	SHEET 13 OF 13	