

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
B	REVISED GLAZING DETAILS	10/04/17	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 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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. 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.
5. FRAME MATERIAL: ALUMINUM 6063-T5.
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 5 FOR GLASS DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. 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" MAX.
9. FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO WOOD FRAMING OR 2X BUCK USE 3/8" LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. 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. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO METAL STRUCTURE USE 3/8" SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

12. FOR ANCHORING AIR THRESHOLD INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. FOR ANCHORING AIR THRESHOLD INTO CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING AIR THRESHOLD INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. ALL FASTENERS TO BE CORROSION RESISTANT.
16. 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. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

D. METAL STRUCTURE: STEEL 16GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
17. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLED, CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING TO THE GLAZING AND ASSEMBLY REQUIREMENTS OF THIS PRODUCT SPECIFICATIONS.

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US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM – LMI

NOTES

DRAWN: TJH

DWG NO. 08-01577

REV B

SCALE NTS

DATE 01/11/10

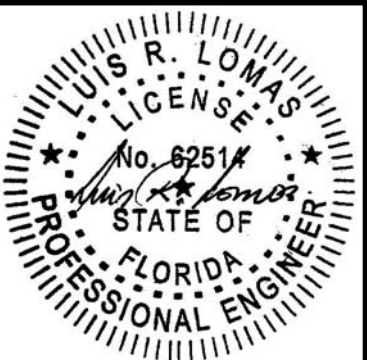
SHEET 1 OF 14

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

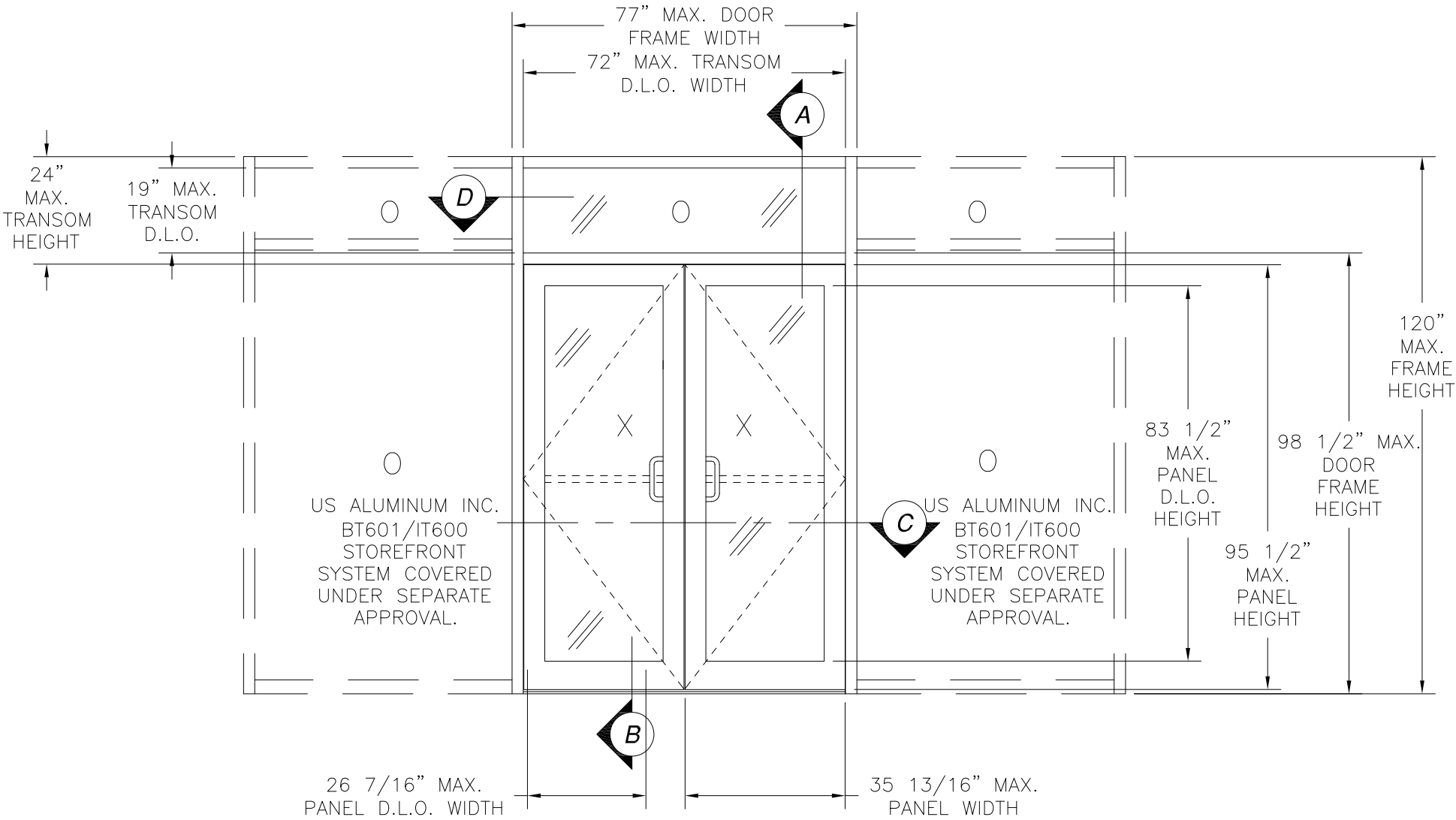
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/23/2017



Luis R. Lomas P.E.  
FL No.: 62514

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**SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT**  
**DOUBLE DOOR WITH TRANSOM**  
EXTERIOR VIEW  
FOR RATINGS SEE SHEET 3

HARDWARE SCHEDULE	
HINGING METHOD	PUSH / PULLS
HAGER BUTT HINGE	STANDARD PUSH BAR
DH299 GEAR HINGE PEMKO	STANDARD PULL HANDLE
DH022 OFFSET PIVOTS	ROCKWOOD PUSH/PULL BX15745

LOCKS / EXIT DEVICES	CLOSERS
USAL SIX PIN CYLINDER AND CYLINDER RING	CRL 045 SMC
USAL THUMB TURN	JACKSON 20-330 OHCC
USAL FLUSH BOLTS	LCN4111 SMOOTHIE SMC
JACKSON 1285 CVR PANIC	LCN1461 SMC
JACKSON 2086 CVR PANIC	LCN 2030 OHCC
IVES FLUSH BOLTS	LCN 4040 SUPER SMOOTHIE SMC
ADAMS RITE 1850	DORMA 650 SMC
ADAMS RITE 1880	DORMA 650 PAFHO SMC
ADAMSRITE G86 CVR PANIC	
AHT CVR PANIC	

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ELEVATION

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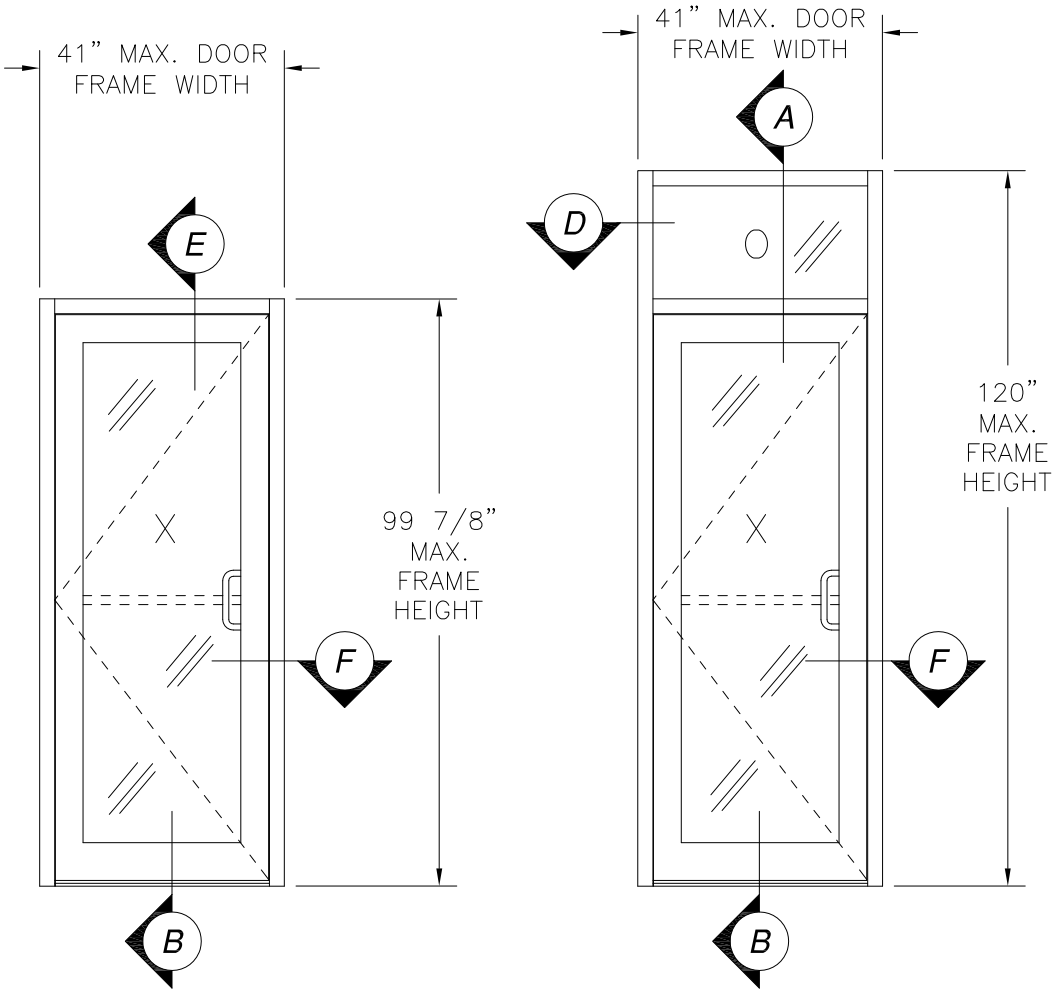
SHEET  
2 OF 14

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SINGLE

SINGLE W/TRANSOM

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

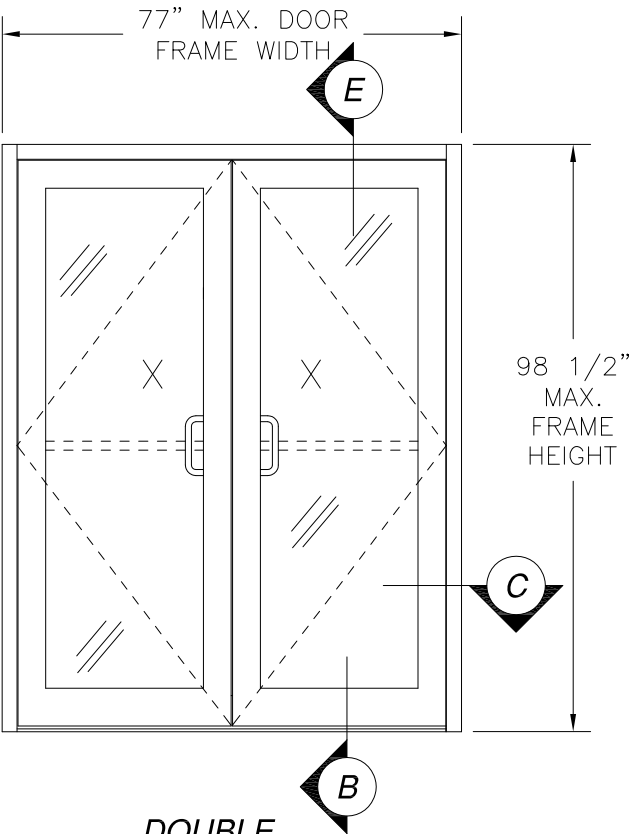
DESIGN PRESSURE RATING	IMPACT RATING
<b>±65PSF</b>	<b>LARGE MISSILE IMPACT</b>

INSTALLED WITH AIR THRESHOLD (PART #7)

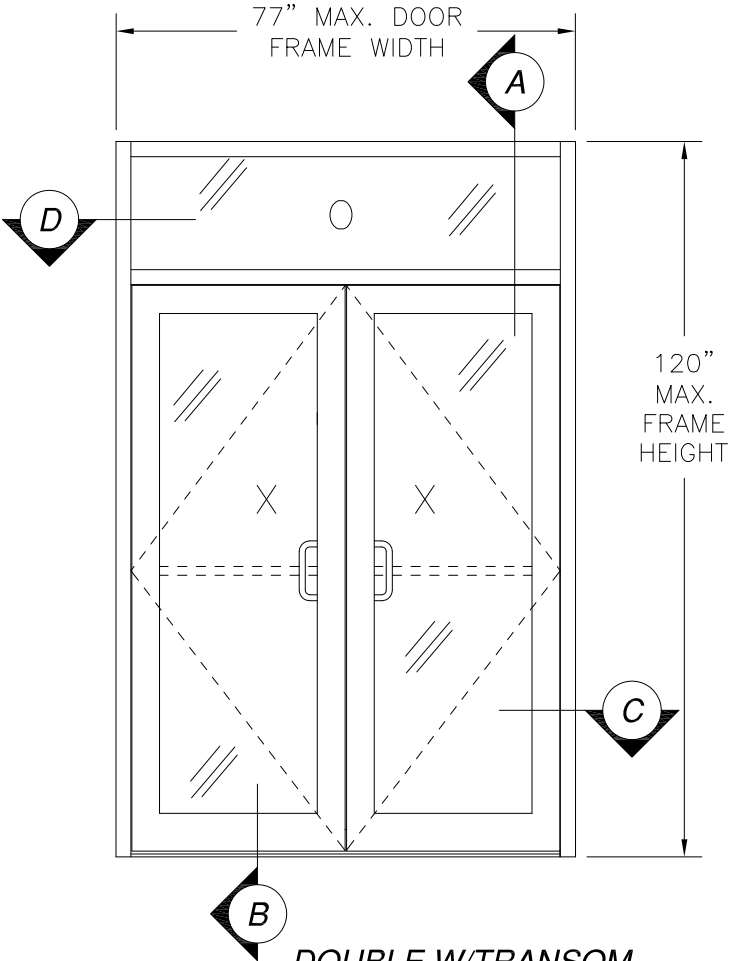
DESIGN PRESSURE RATING	IMPACT RATING
<b>±65PSF</b>	<b>LARGE MISSILE IMPACT</b>
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

Design pressure chart (PSF)						
Panel Height (in)	Single Panel Width (in)					
	24.00		30.00		35.75	
	Pos	Neg	Pos	Neg	Pos	Neg
80.00	65.0	65.0	65.0	65.0	65.0	65.0
84.00	65.0	65.0	65.0	65.0	65.0	65.0
90.00	65.0	65.0	65.0	65.0	65.0	65.0
95.50	65.0	65.0	65.0	65.0	65.0	65.0

SEE RATING BOXES FOR WATER LIMITATIONS.



DOUBLE



DOUBLE W/TRANSOM

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

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

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US ALUMINUM

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780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM – LMI

ADDITIONAL APPROVED CONFIGURATIONS

DRAWN: TJH

DWG NO. 08-01577

REV B

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SHEET 3 OF 14

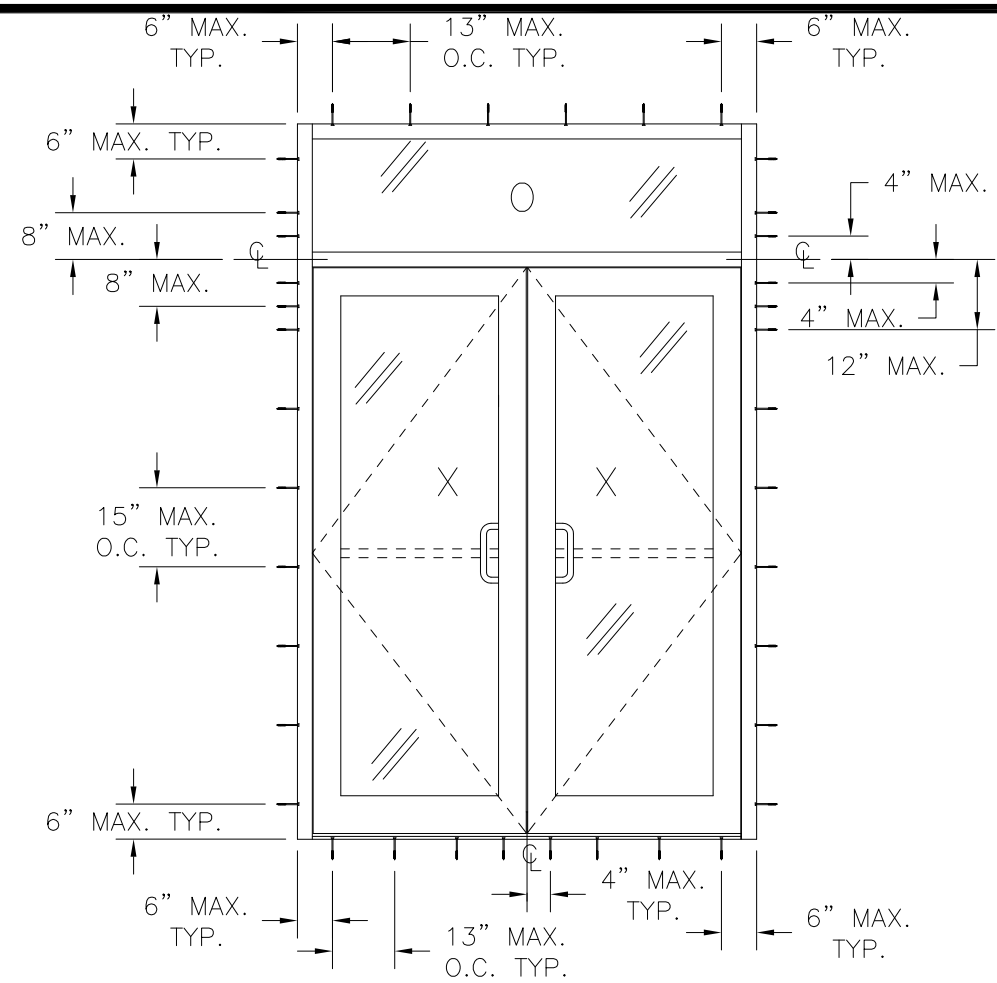
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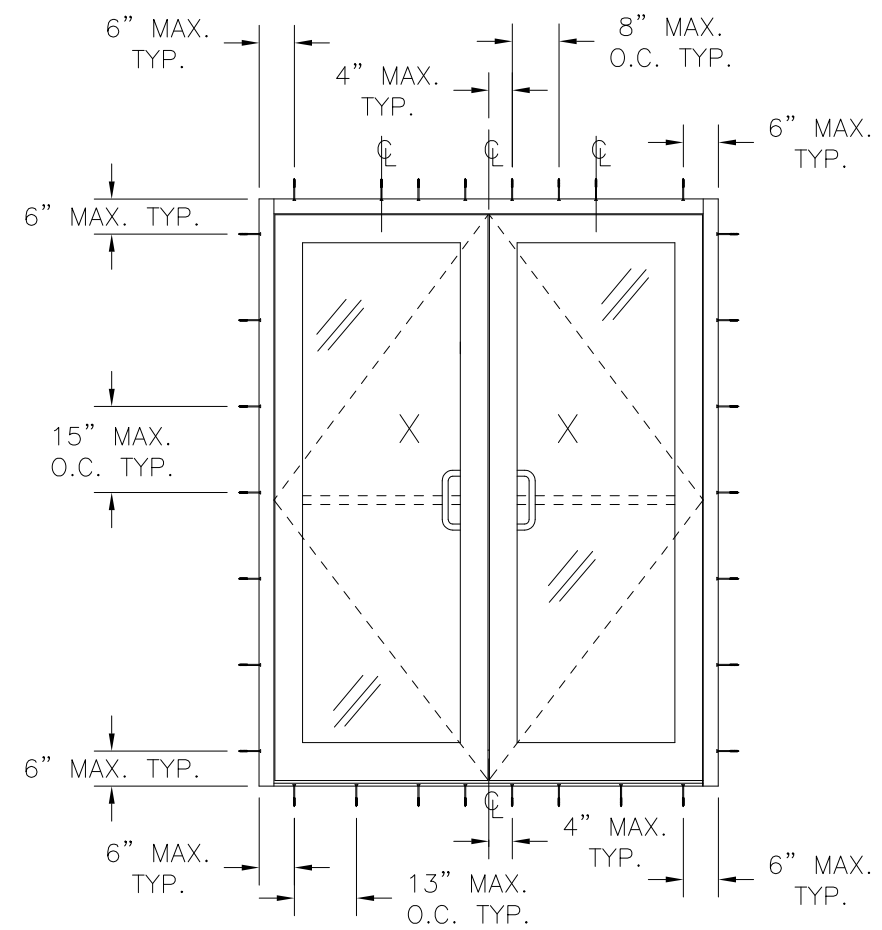
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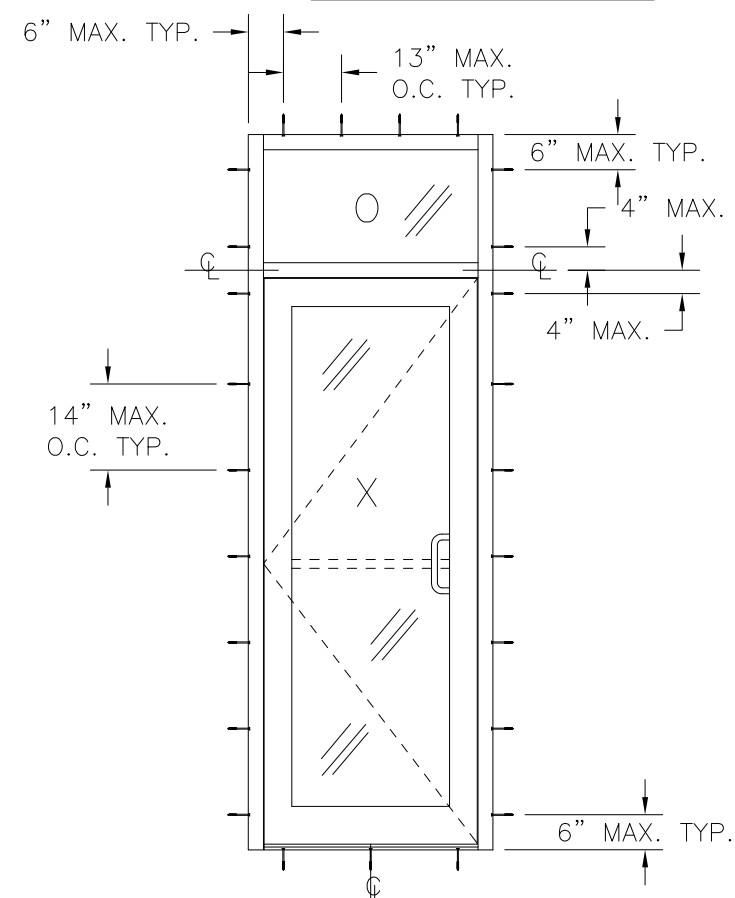
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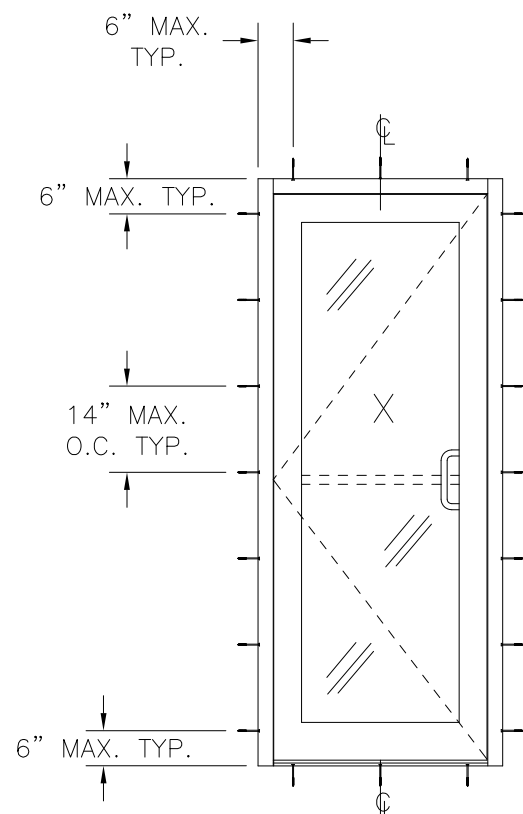
**DOUBLE W/TRANSOM**



**DOUBLE**



**SINGLE W/TRANSOM**



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SERIES BT601/IT600 STORM FRONT OS ALUMINUM  
STOREFRONT DOOR SYSTEM – LMI  
ANCHORING LAYOUT AND NOTES

DRAWN:  
TJH

DWG NO.  
08-01577

REV  
B

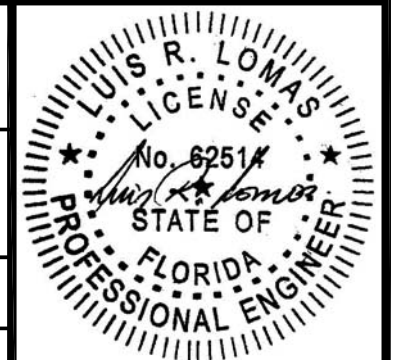
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SHEET 4 OF 14

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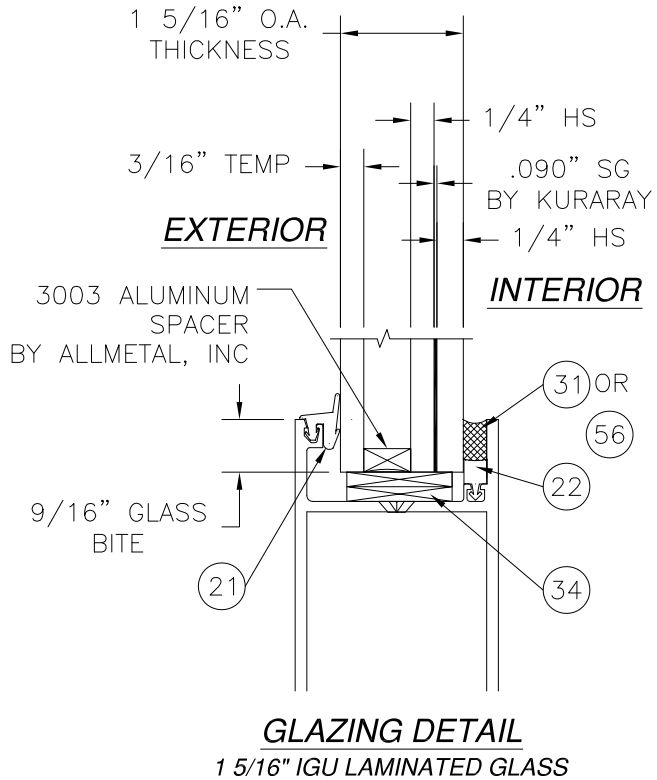


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PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	BT805	VERTICAL JAMB	US ALUMINUM	ALUMINUM 6063-T5
2	IG568	OPTIONAL DOOR HEADER	US ALUMINUM	ALUMINUM 6063-T5
3	BT852	HEAD MULLION	US ALUMINUM	ALUMINUM 6063-T5
4		NOT USED		
5	BT870	SUB-SILL	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	EPDMB70 DUROMETER
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 85 DUROMETER
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 85 DUROMETER
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	

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		
62	H-61239	VERTICAL MULLION	US ALUMINUM	ALUMINUM 6063-T5

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780 CELRIVER RD., 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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SHEET 5 OF 14

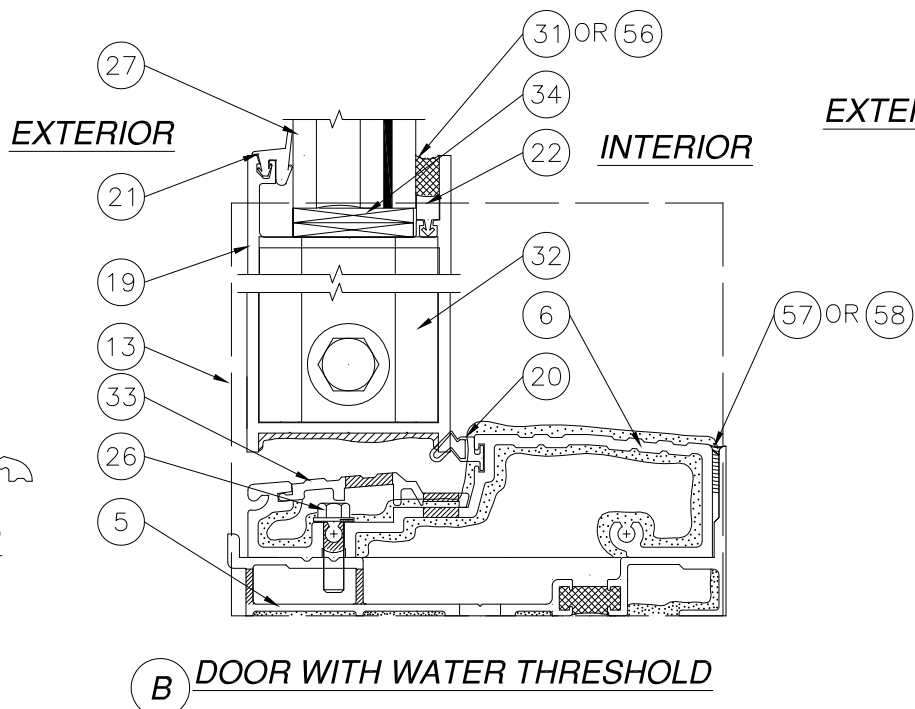
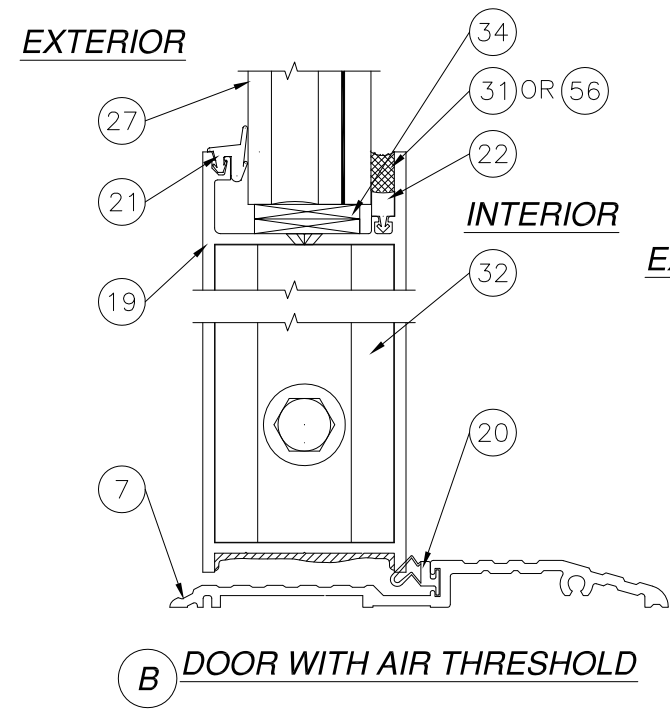
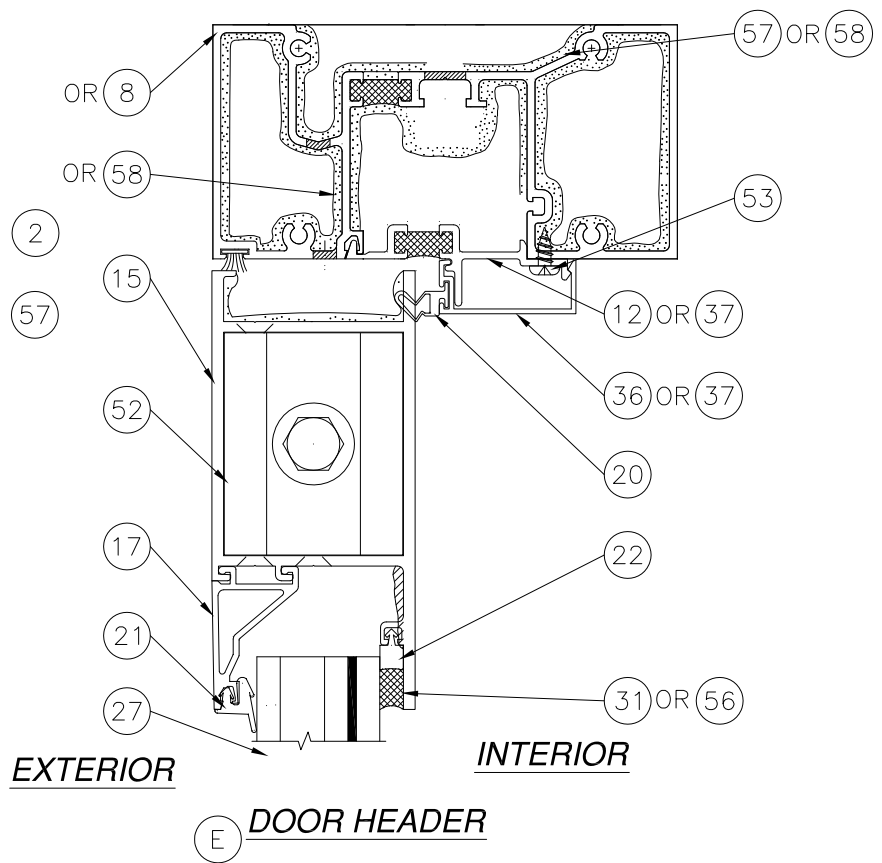
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STATE OF FLORIDA  
PROFESSIONAL ENGINEER

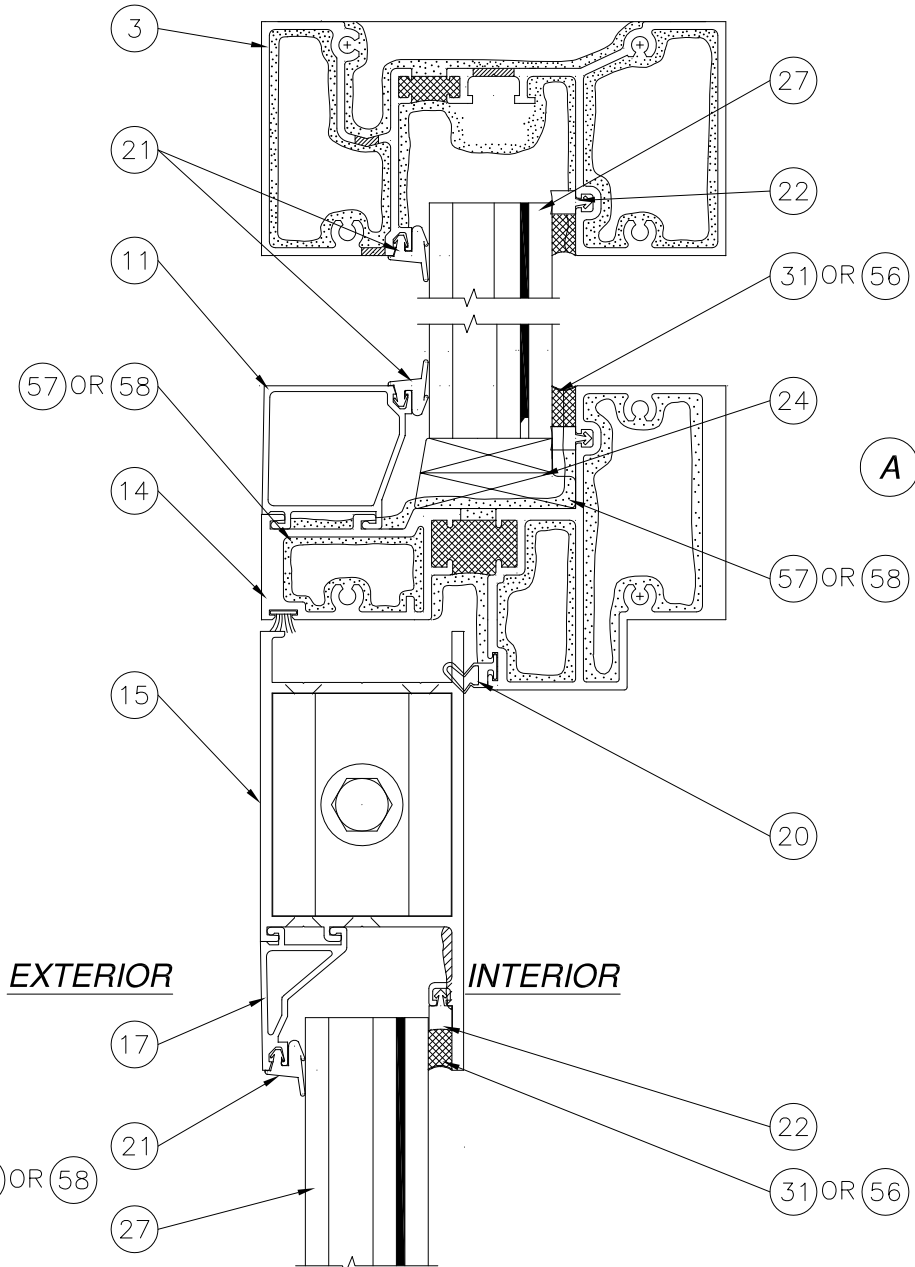
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8 THRU 11.



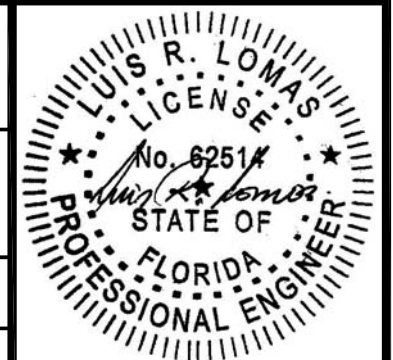
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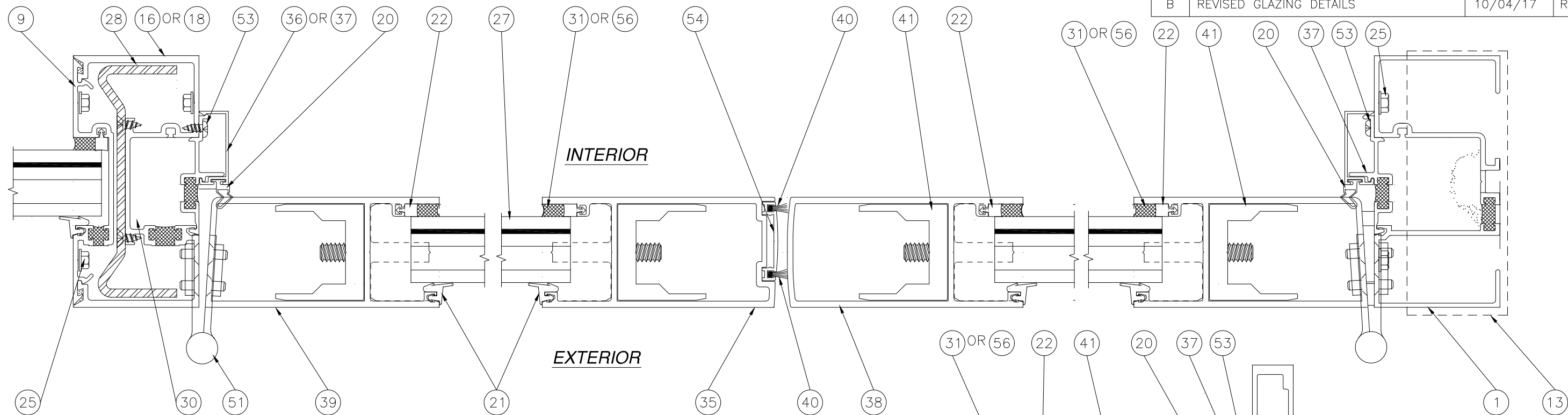
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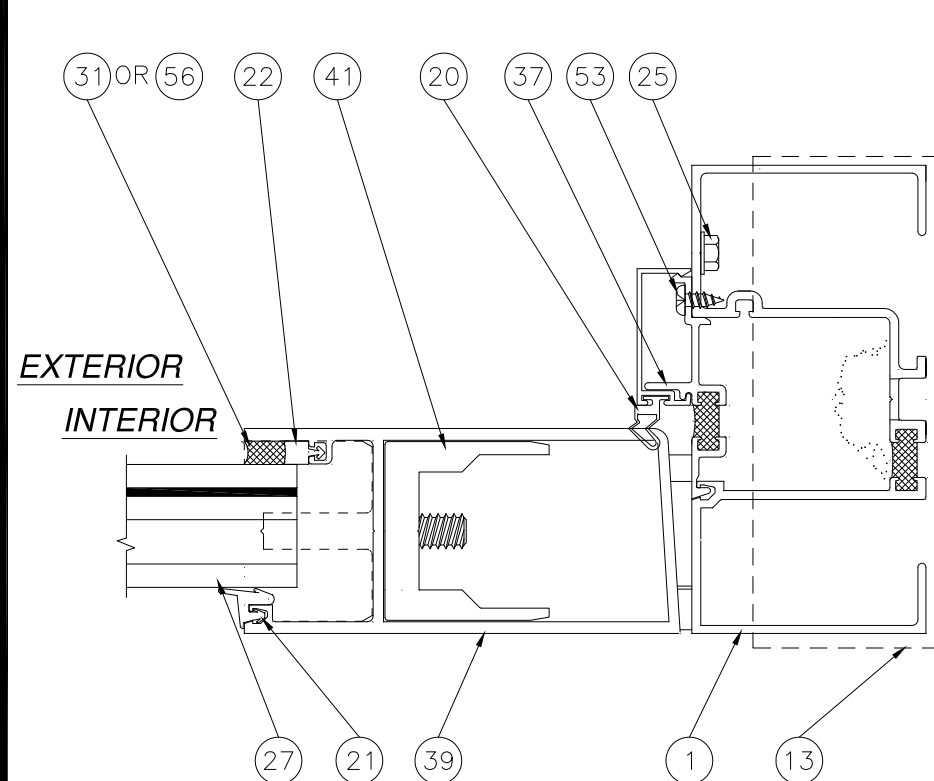


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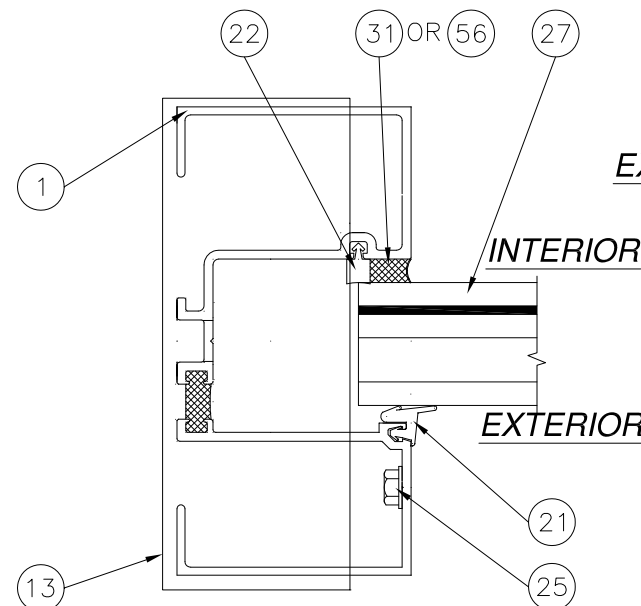


MULLION ASSEMBLY PROPERTIES  
TOTAL I<sub>x</sub> (IN TERMS OF ALUMINUM): 18.6538 in<sup>4</sup>  
S<sub>x</sub> ALUMINUM: 7.307 in<sup>3</sup>

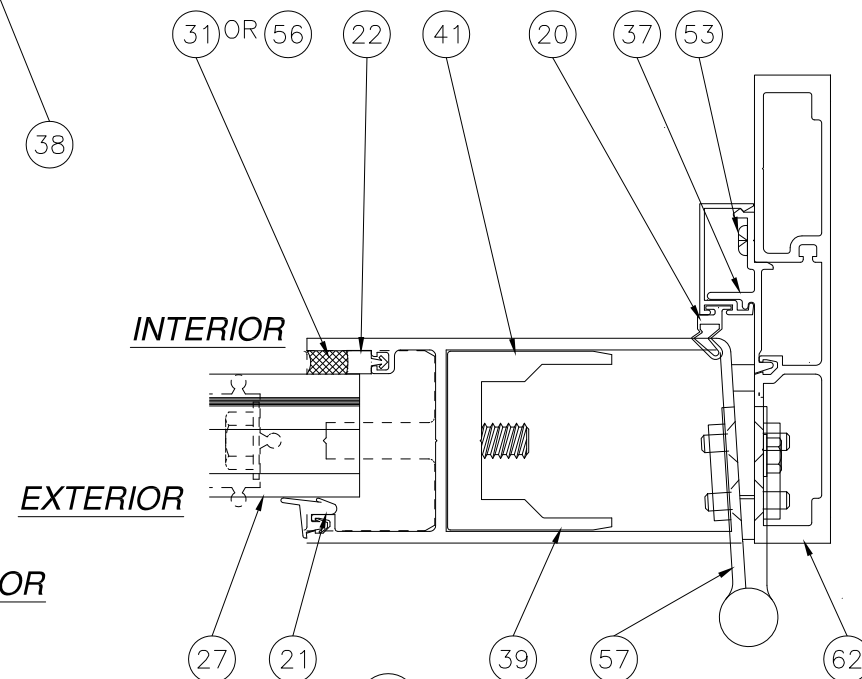
**C DOUBLE DOOR**



**F LOCK STILE TO JAMB**



**D TRANSOM JAMB**



**C HEAD OR JAMB WITH OPTIONAL FRAME**

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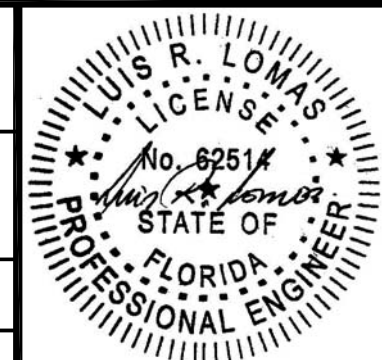
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SHEET 7 OF 14

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NOTE: FOR ANCHORING TO  
SUBSTRATE SEE SHEETS  
8 THRU 11.

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

BACKER ROD AND APPROVED SEALANT BY OTHERS

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

1 7/8" MIN. EMBEDMENT

1 1/2" MIN. EDGE DIST.

3/8" LAG SCREW

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

BACKER ROD AND APPROVED SEALANT BY OTHERS

1/2" MAX. SHIM

INTERIOR

EXTERIOR

**(G) JAMB**

2X WOOD FRAMING INSTALLATION

HINGE JAMB SHOWN, LOCK JAMB AND TRANSOM JAMB SIMILAR

INTERIOR

EXTERIOR

#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

5/8" MIN. EDGE DIST.

**(B) AIR THRESHOLD**

2X WOOD FRAMING INSTALLATION

EXTERIOR

INTERIOR

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

1 7/8" MIN. EMBEDMENT

1 1/2" MIN. EDGE DIST.

**(B) WATER THRESHOLD**

2X WOOD FRAMING INSTALLATION

3/8" LAG SCREW

SILL TO BE SET IN BED OF APPROVED SEALANT

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
B	REVISED GLAZING DETAILS	10/04/17	R.L.

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

US ALUMINUM

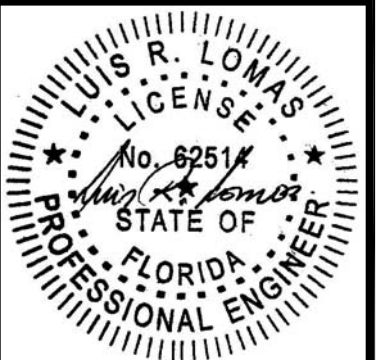
DIVISION OF C.R. LAURENCE CO., INC.  
780 CELRIVER RD., ROCK HILL, SC 29730

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

DRAWN: TJH	DWG NO. 08-01577	REV B
SCALE NTS	DATE 01/11/10	SHEET 8 OF 14

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

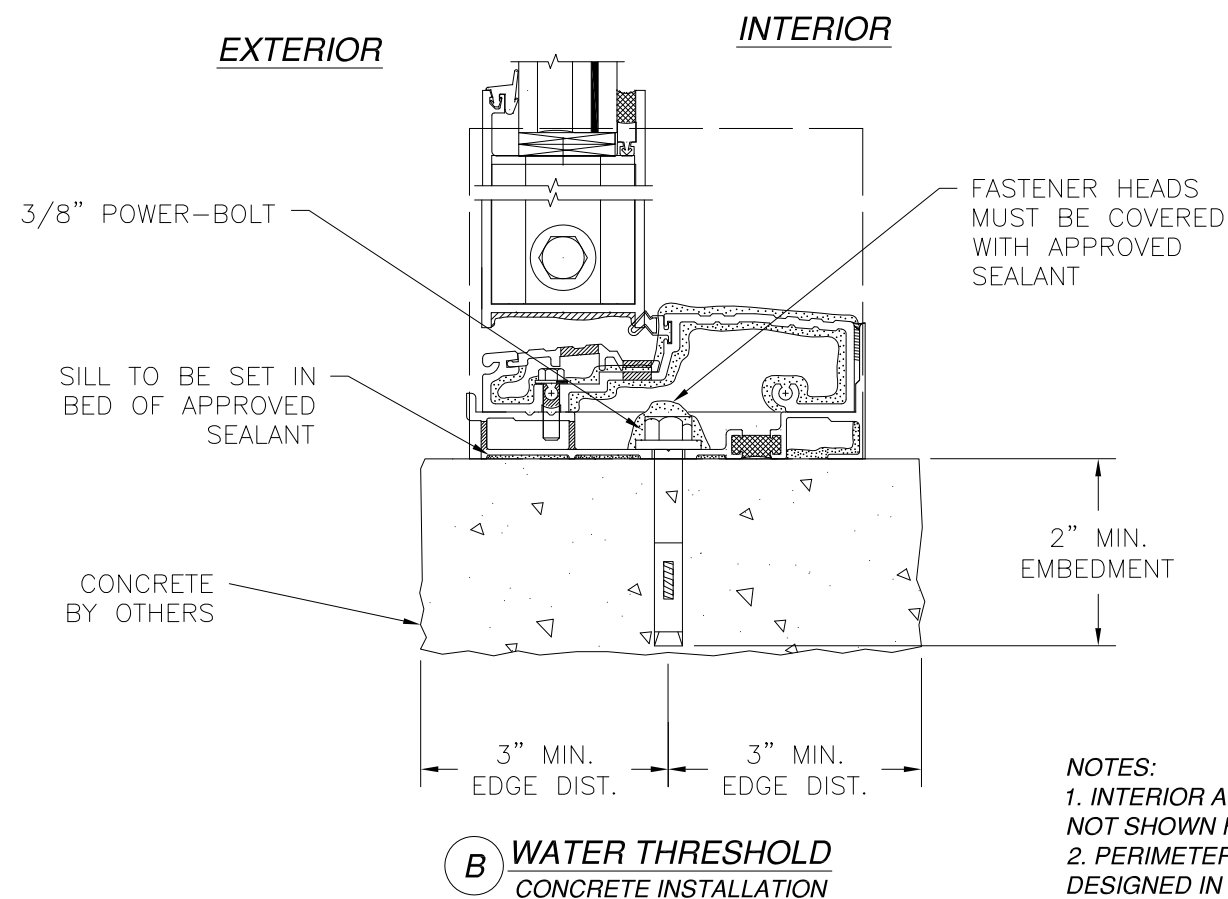
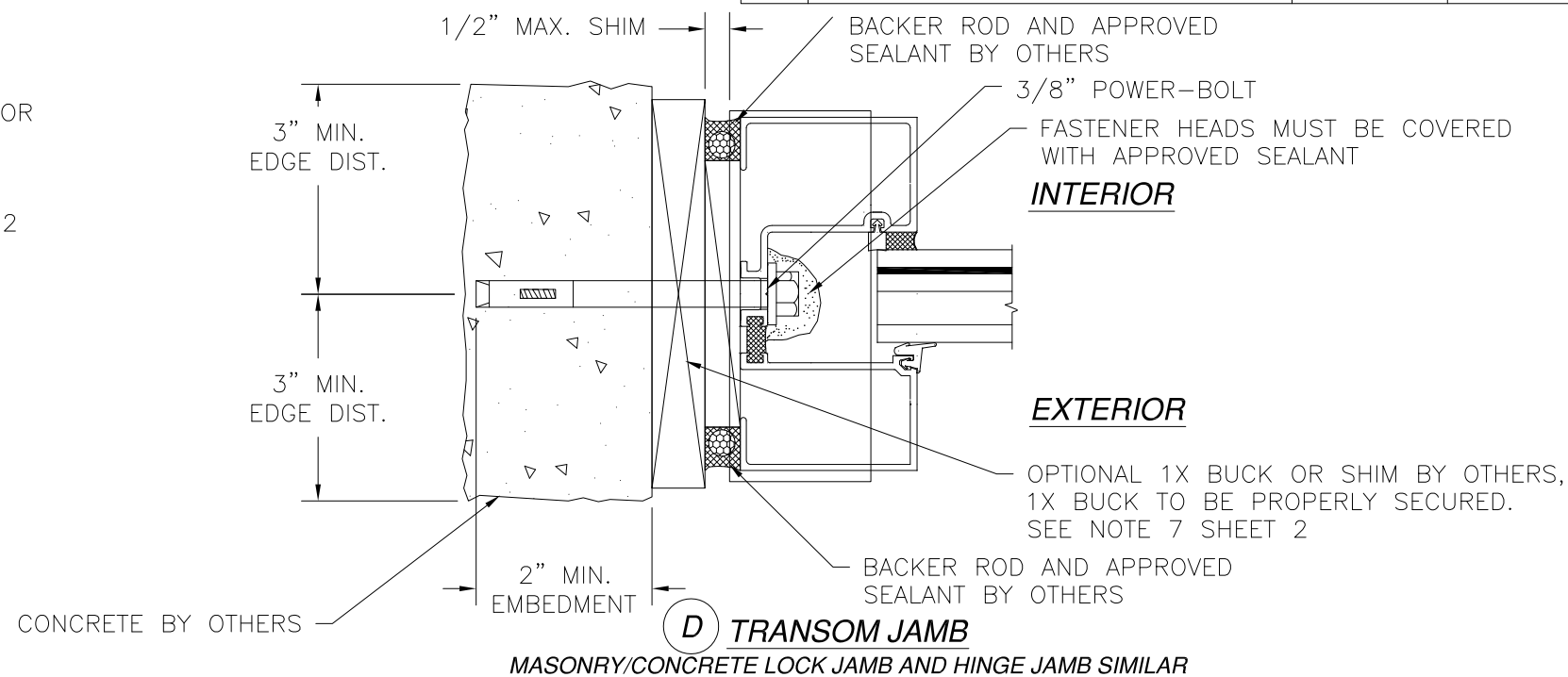
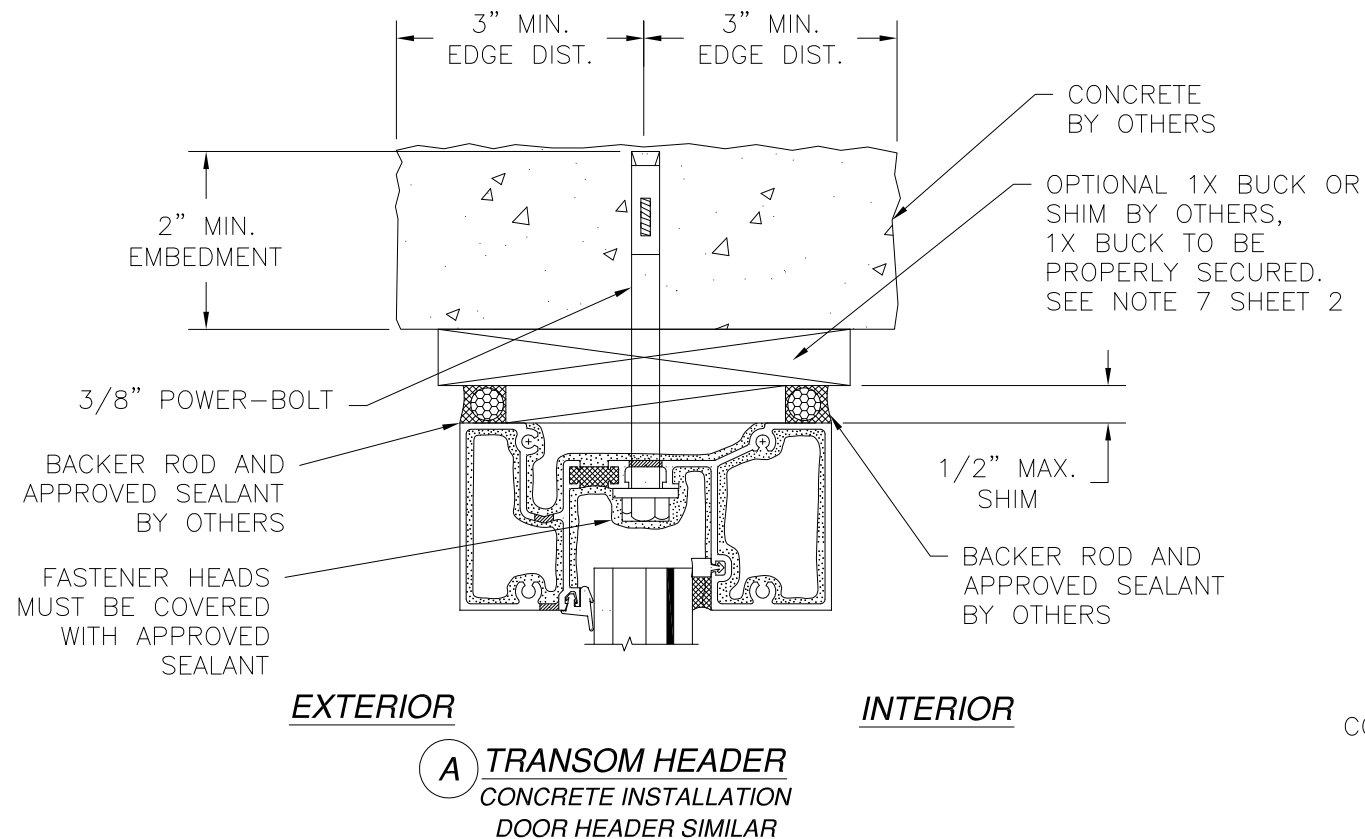
SIGNED: 10/23/2017



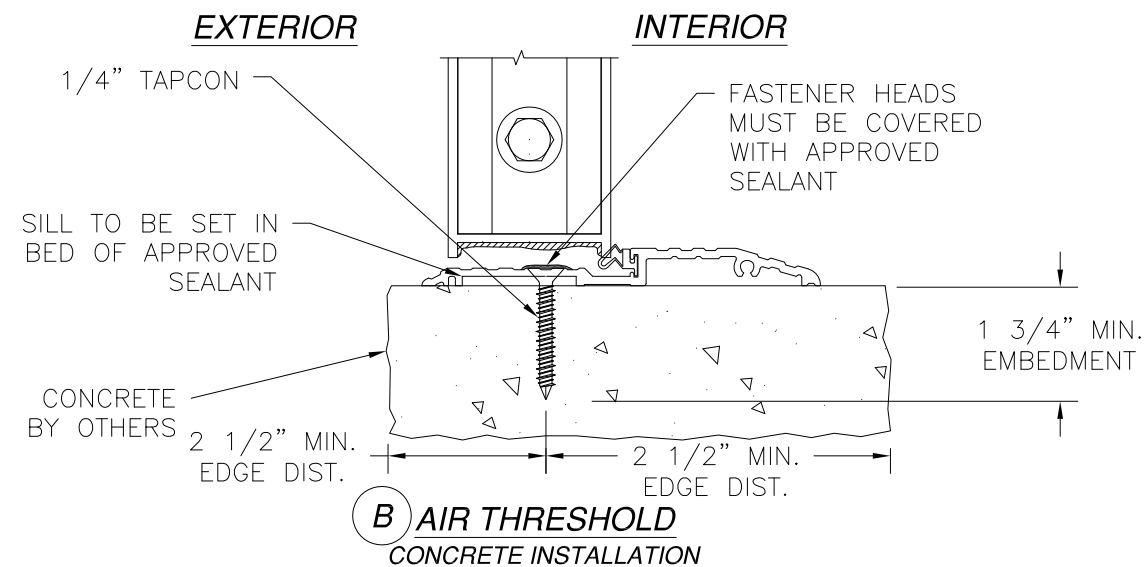
Luis R. Lomas P.E.  
FL No.: 62514



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
B	REVISED GLAZING DETAILS	10/04/17	R.L.

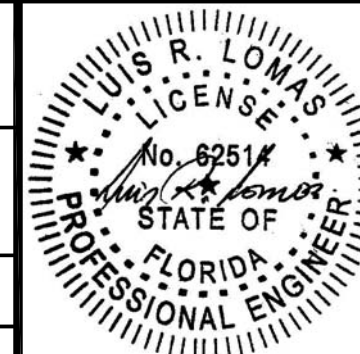


- NOTES:**
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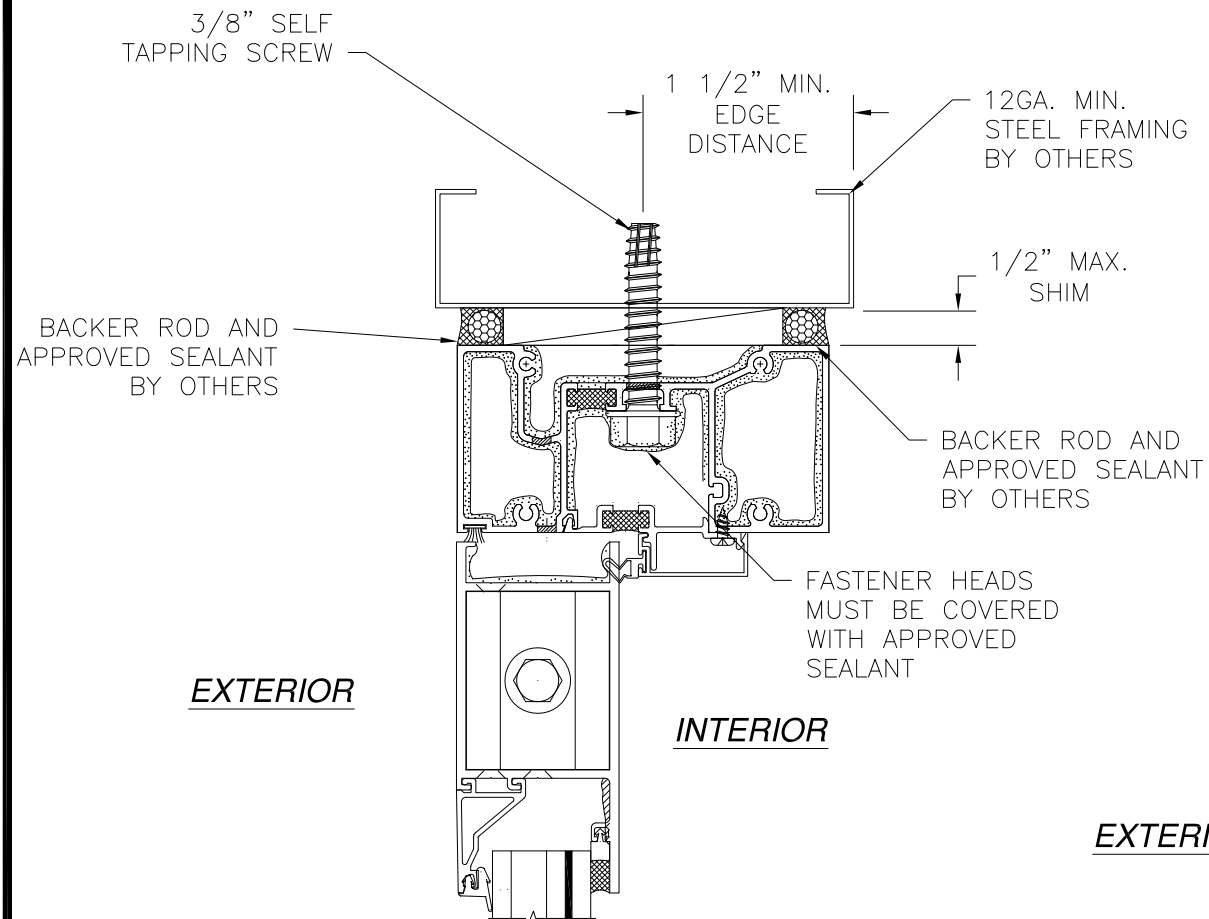
<b>US ALUMINUM</b> DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM – LMI INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01577	REV B
SCALE NTS	DATE 01/11/10	SHEET 9 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

SIGNED: 10/23/2017

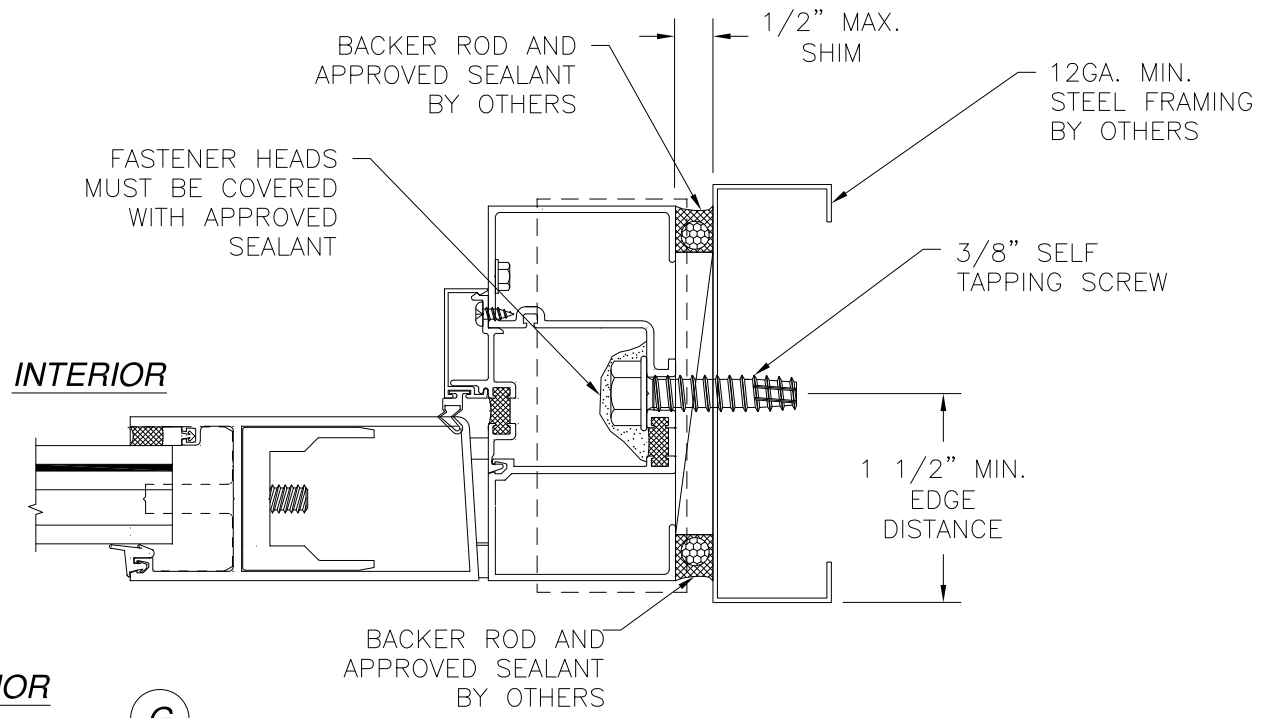


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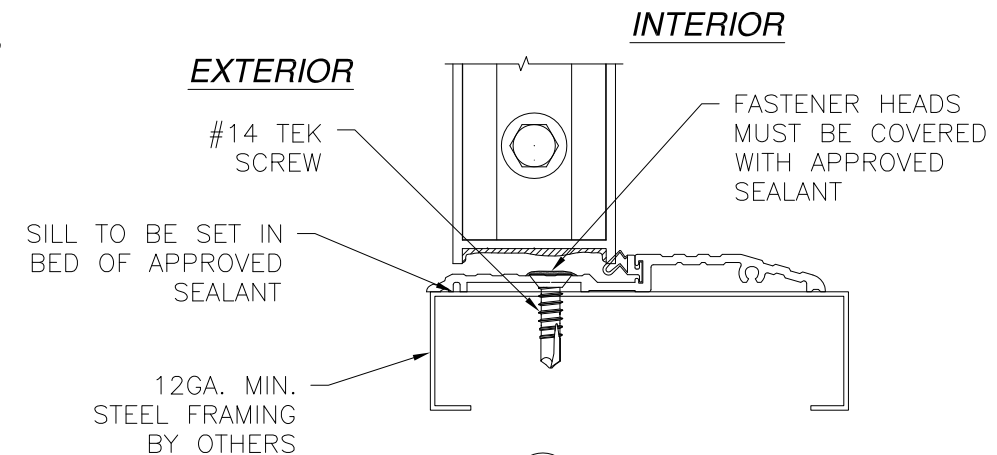
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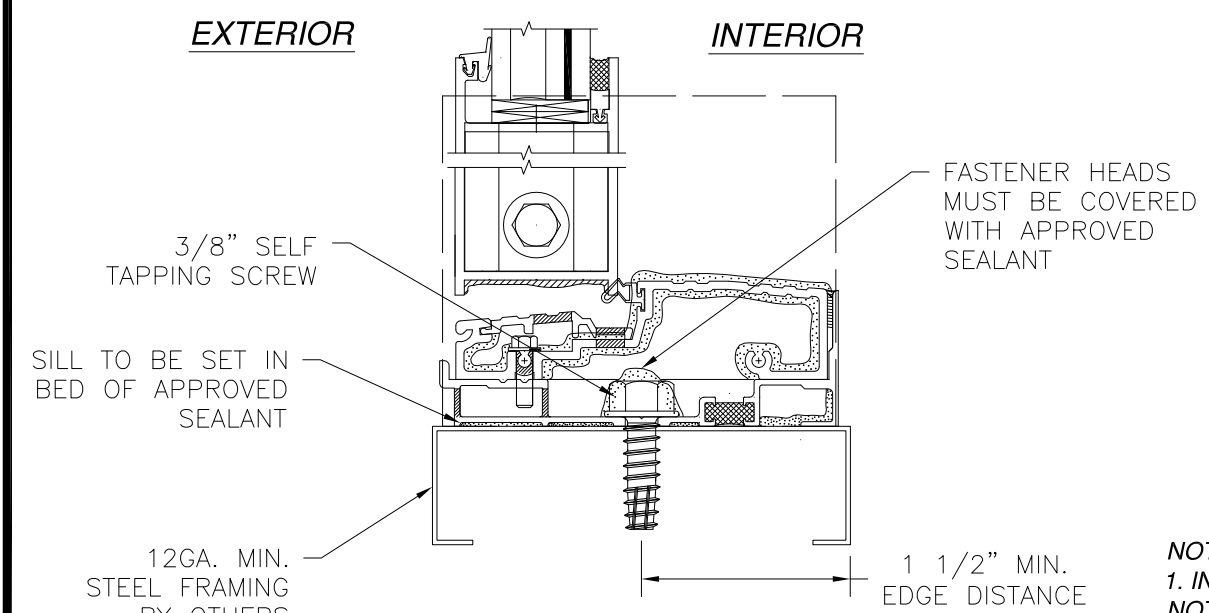
**E DOOR HEADER**  
STEEL FRAMING INSTALLATION  
TRANSOM HEADER SIMILAR



**G JAMB**  
STEEL FRAMING INSTALLATION  
TRANSOM JAMB AND HINGE JAMB SIMILAR



**B AIR THRESHOLD**  
STEEL FRAMING INSTALLATION



**B WATER THRESHOLD**  
STEEL FRAMING INSTALLATION

NOTES:  
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US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM – LMI

INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-01577

REV B

SCALE NTS

DATE 01/11/10

SHEET 10 OF 14

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/23/2017

LUIS R. LOMAS

LICENSE No. 62514

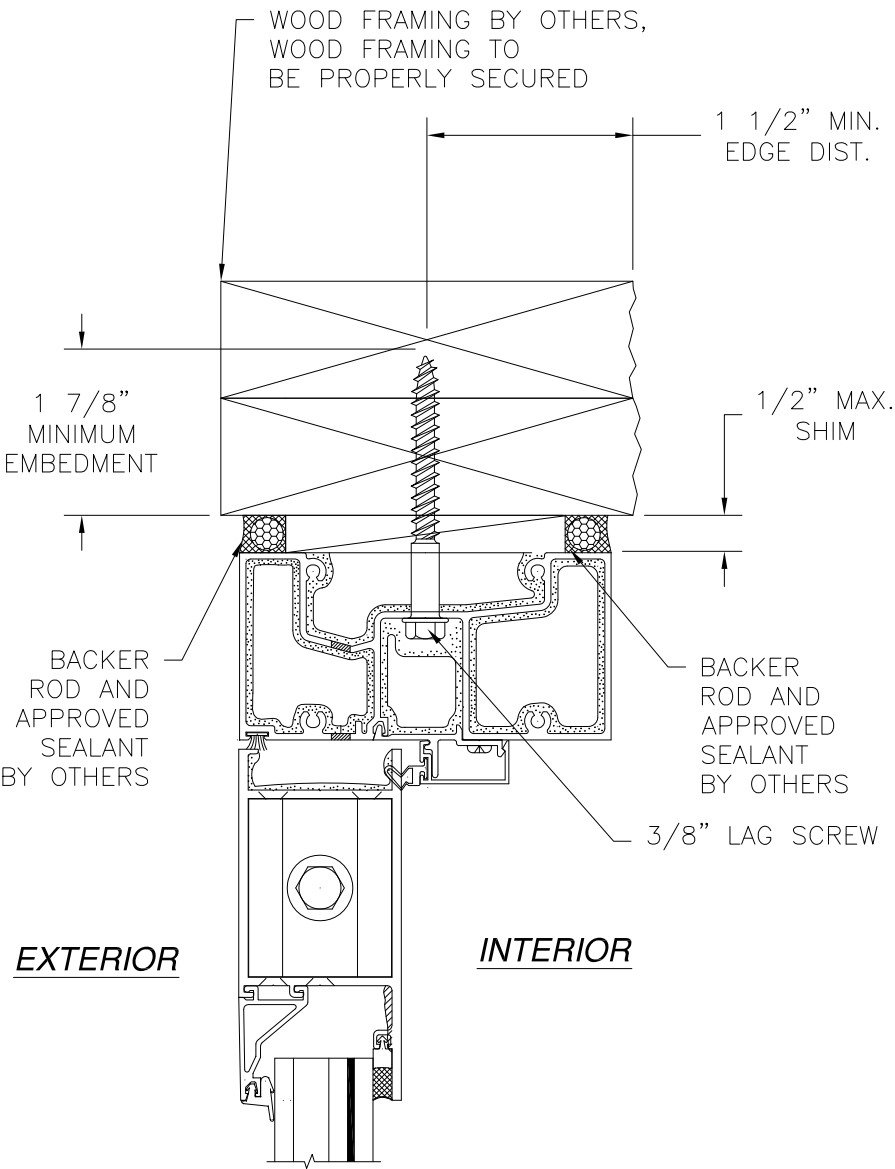
STATE OF FLORIDA

PROFESSIONAL ENGINEER

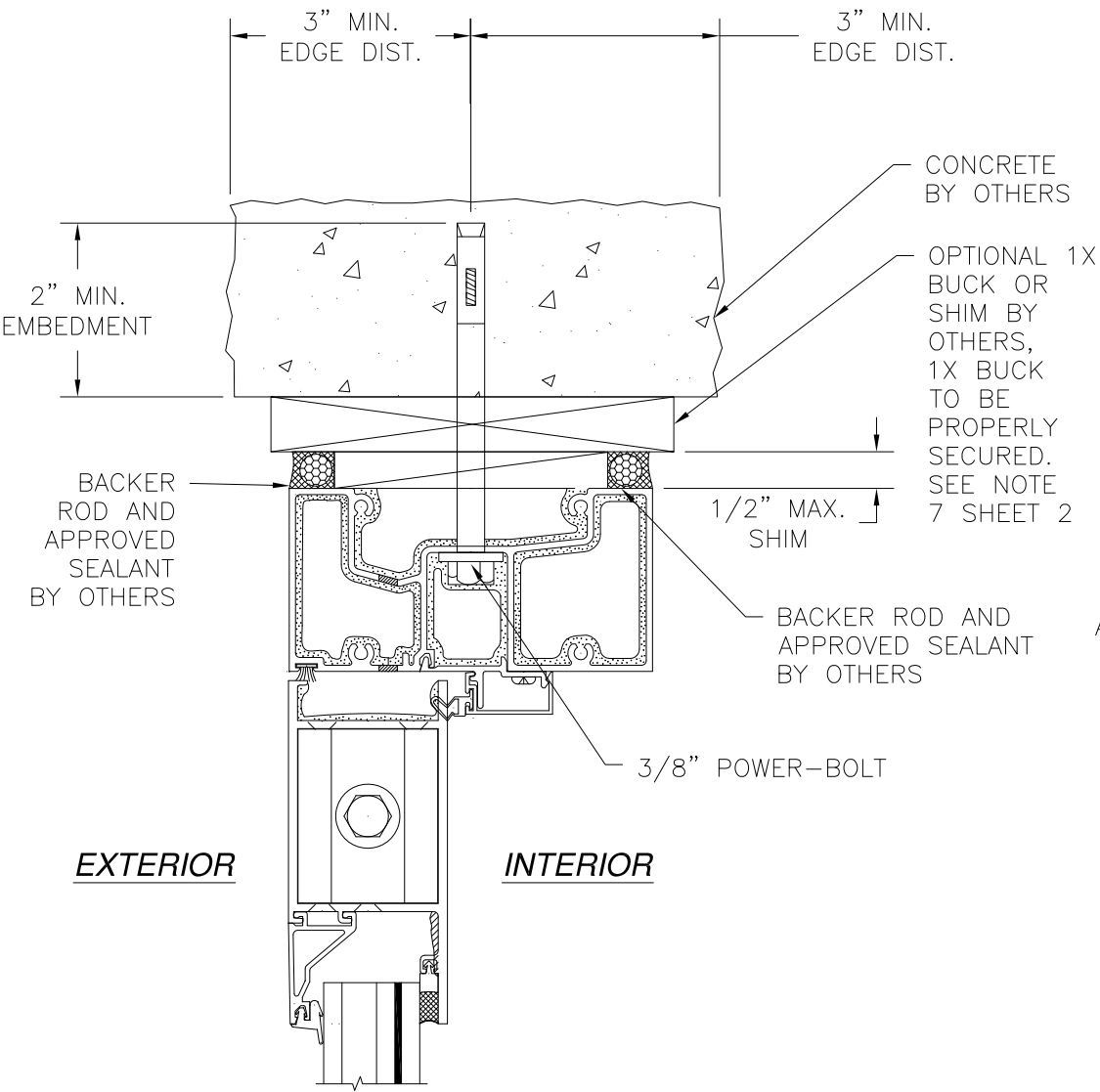
Luis R. Lomas P.E.

FL No.: 62514

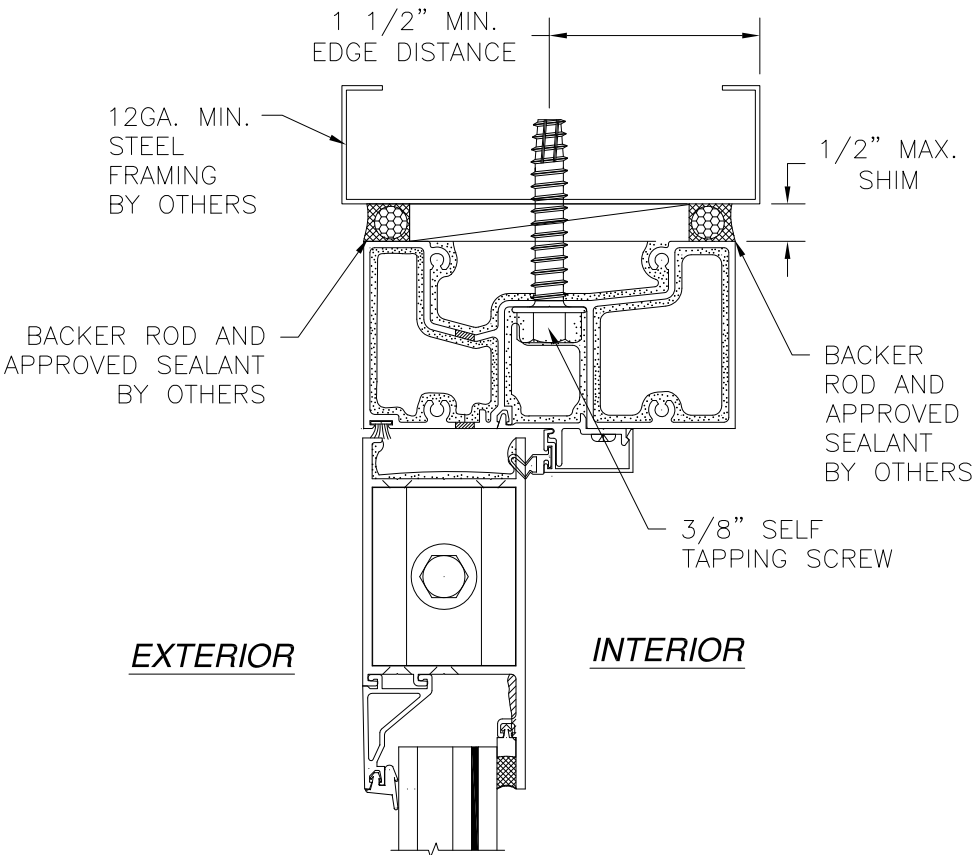
REVISIONS			
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A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
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**E** **OPTIONAL DOOR HEADER**  
2X INSTALLATION



**E** **OPTIONAL DOOR HEADER**  
CONCRETE INSTALLATION



**E** **OPTIONAL DOOR HEADER**  
STEEL FRAMING INSTALLATION

NOTES:  
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US ALUMINUM

DIVISION OF C.R. LAURENCE CO., INC.

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM – LMI

INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-01577

REV B

SCALE NTS

DATE 01/11/10

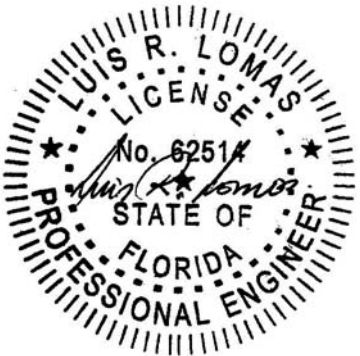
SHEET 11 OF 14

L. ROBERTO LOMAS P.E.

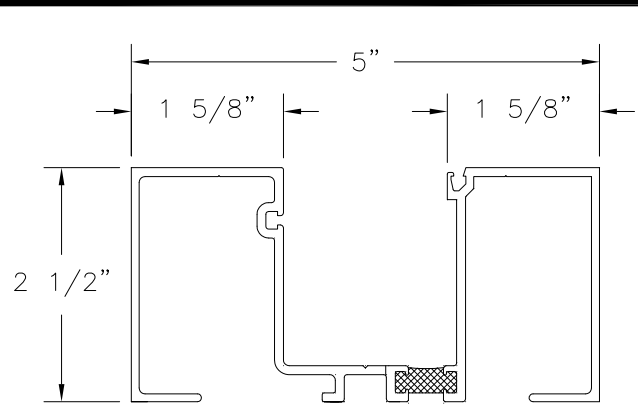
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

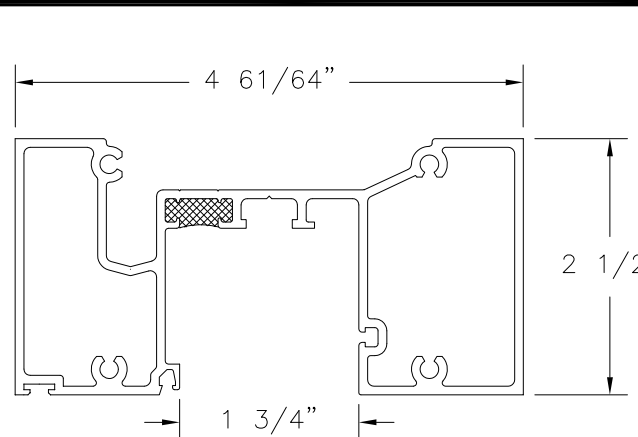
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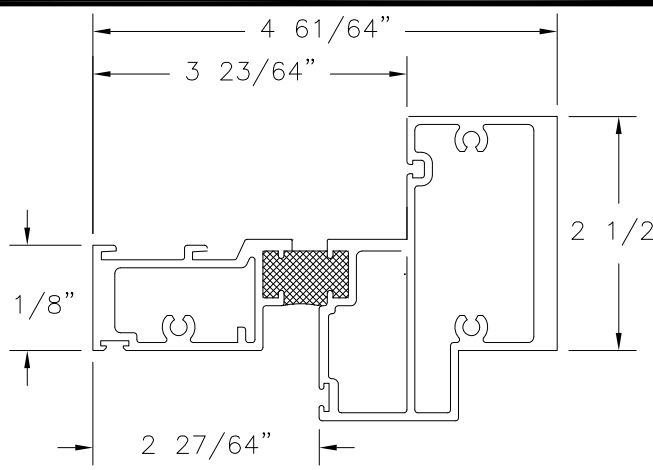
Luis R. Lomas P.E.  
FL No.: 62514



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

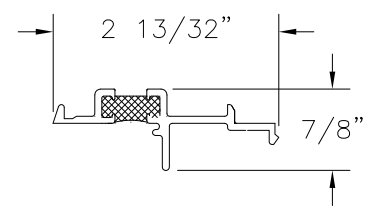


⑧ **DOOR HEADER**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK

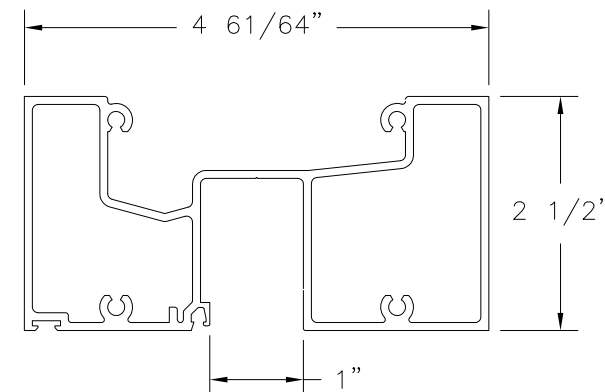


⑭ **HORIZONTAL HEADER**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK

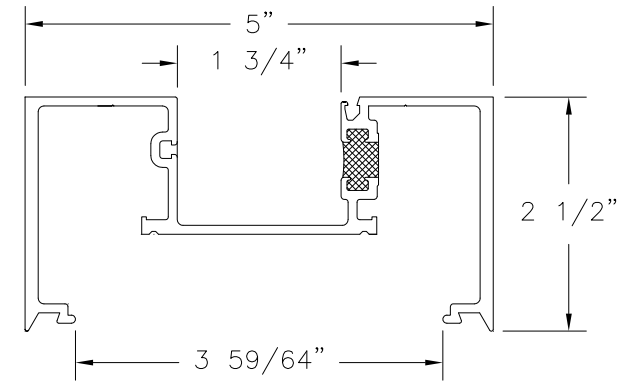
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
B	REVISED GLAZING DETAILS	10/04/17	R.L.



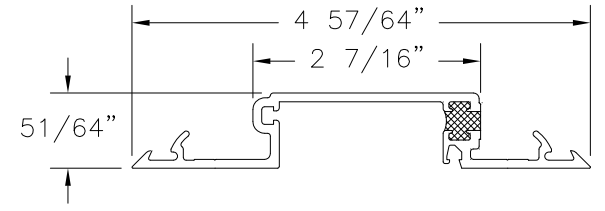
⑫ **DOOR STOP ADAPTER**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK



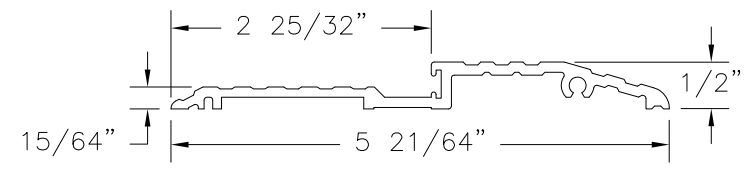
② **OPTIONAL DOOR HEADER**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK



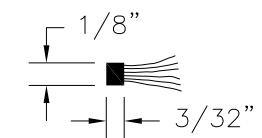
⑯ **VERTICAL MULLION**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK



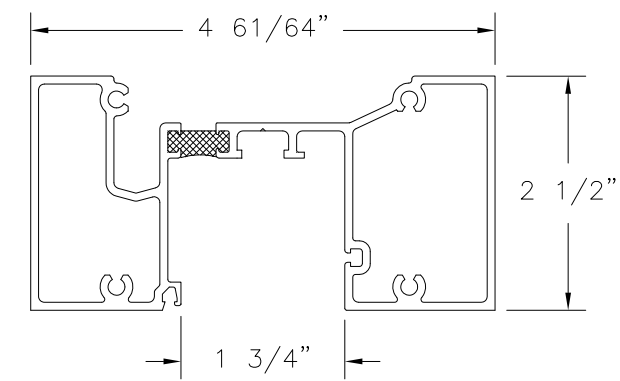
⑨ **VERTICAL MULLION FILLER**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK



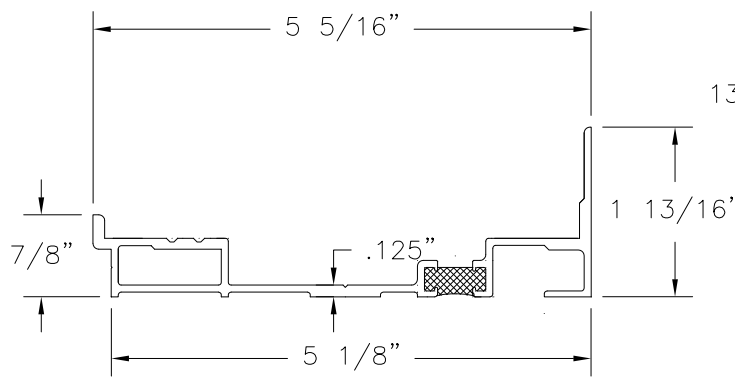
⑦ **AIR THRESHOLD**  
EXTRUDED ALUMINUM 6063-T5 .109" THICK



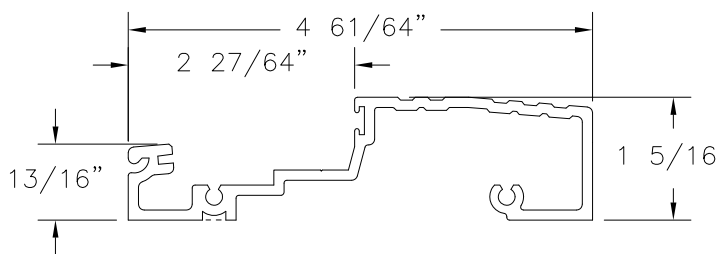
④① **DOOR WEATHERSTRIP**  
POLY PILE



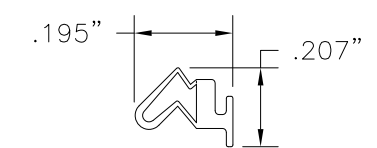
③ **HEAD MULLION**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK



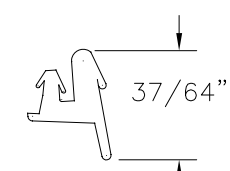
⑤ **SUB SILL**  
EXTRUDED ALUMINUM 6063-T5 .075" THICK



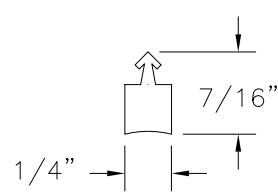
⑥ **WATER THRESHOLD**  
EXTRUDED ALUMINUM 6063-T5 .109" THICK



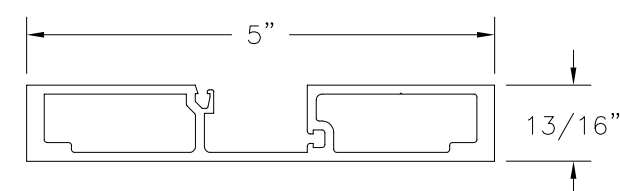
②① **DOOR WEATHERSTRIP**  
VINYL



②① **TOP LOAD GASKET**  
EDPM



②② **GLAZING SEAL**  
SCR



⑥② **VERTICAL JAMB**  
EXTRUDED ALUMINUM  
6063-T5 .095" THICK

US ALUMINUM  
DIVISION OF C.R. LAURENCE CO., INC.  
780 CELRIVER RD., ROCK HILL, SC 29730

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

DRAWN:  
TJH

DWG NO.  
08-01577

REV  
B

SCALE NTS

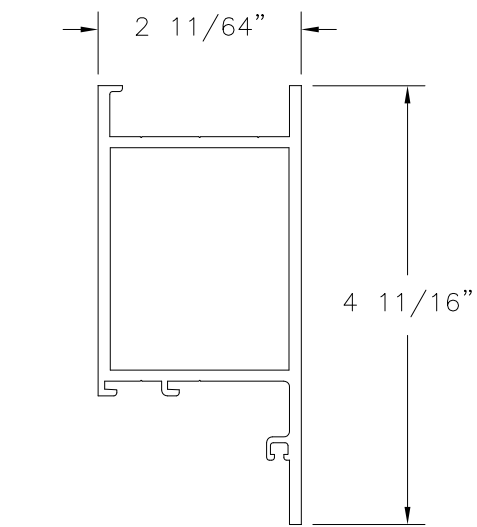
DATE 01/11/10

SHEET 12 OF 14

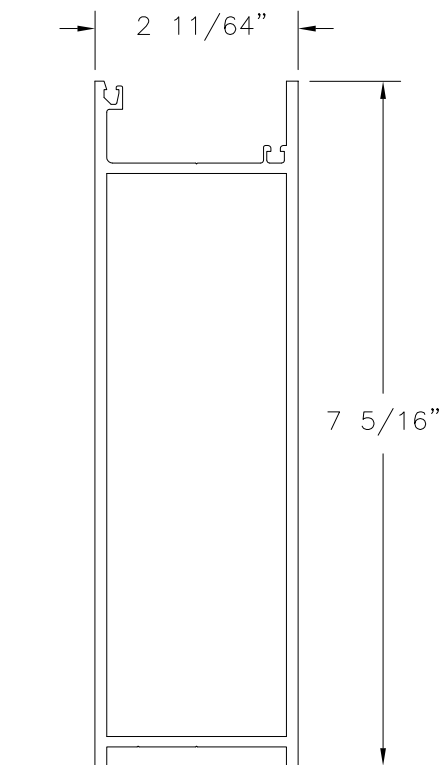
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 10/23/2017

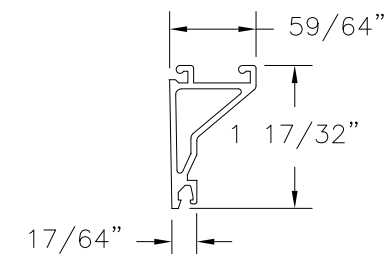
Luis R. Lomas P.E.  
FL No.: 62514



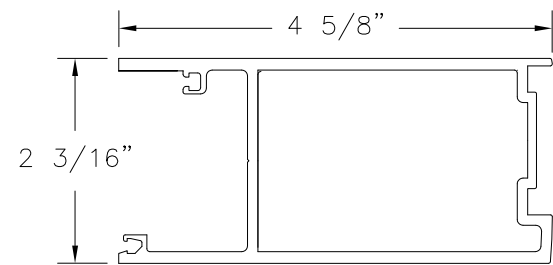
15 **DOOR TOP RAIL**  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



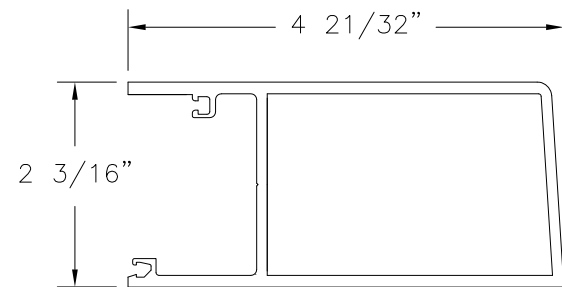
19 **BOTTOM RAIL**  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



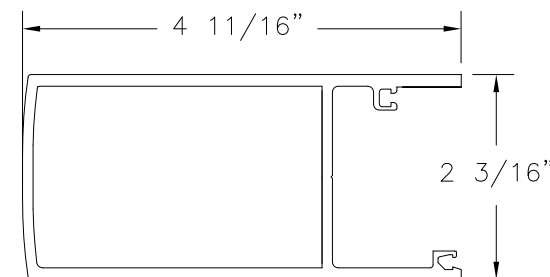
17 **DOOR GLAZING STOP**  
EXTRUDED ALUMINUM  
6063-T5 .062" THICK



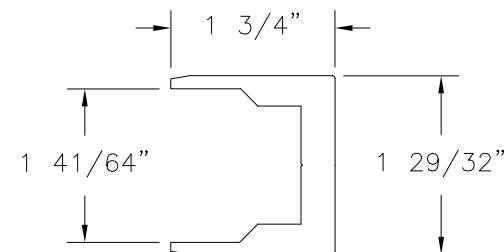
35 **INACTIVE STILE**  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



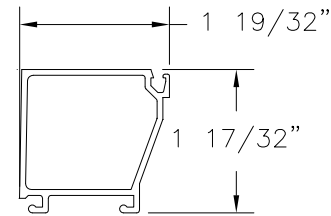
39 **HINGE STILE**  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



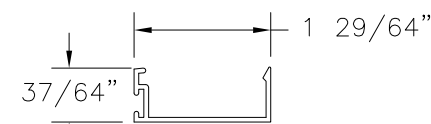
38 **ACTIVE STILE**  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



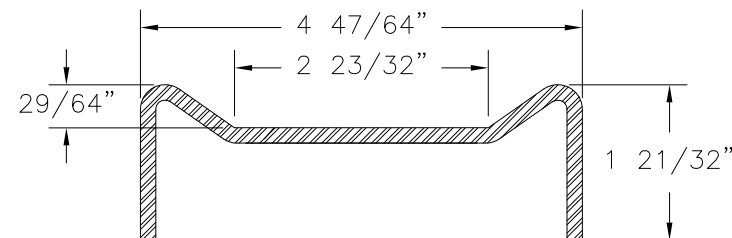
41 **SHEAR CHANNEL**  
EXTRUDED ALUMINUM  
6063-T5 .363" THICK



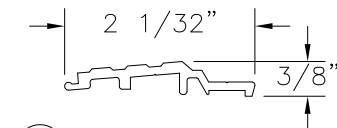
11 **GLASS STOP**  
EXTRUDED ALUMINUM 6063-T5 .062" THICK



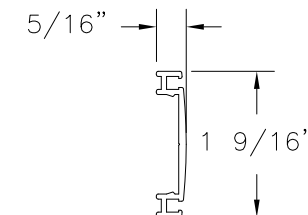
36 **DOOR STOP**  
EXTRUDED ALUMINUM  
6063-T5 .050" THICK



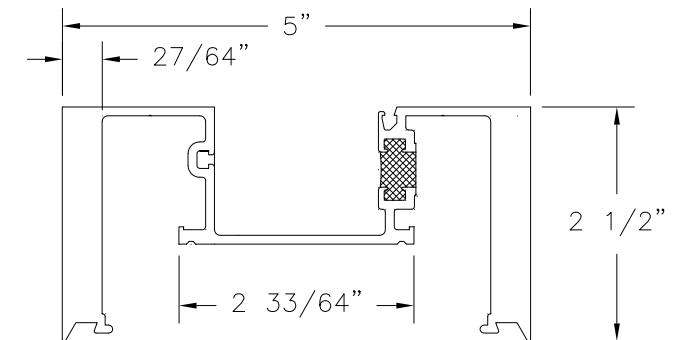
28 **STEEL STIFFENER HEAVY**  
FORMED 8GA. A36 MILD STEEL



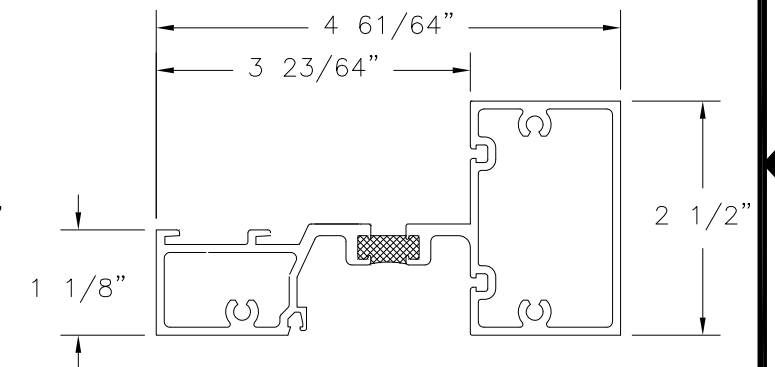
33 **HP WATER THRESHOLD INSERT**  
EXTRUDED ALUMINUM  
6063-T5 .090" THICK



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



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

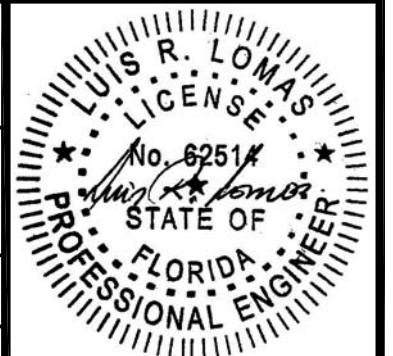


10 **HORIZONTAL MULL**  
EXTRUDED ALUMINUM  
6063-T5 .085" THICK

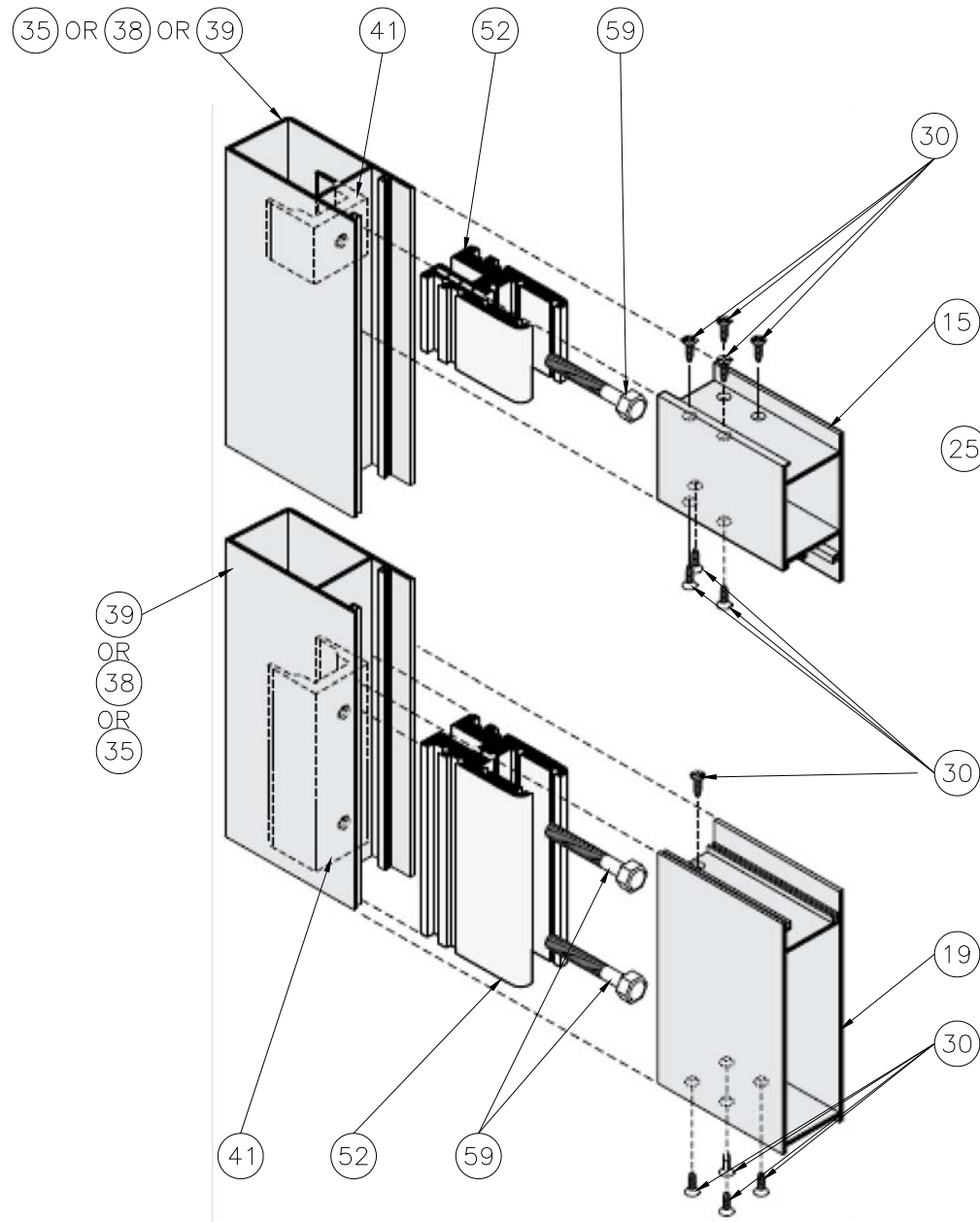
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	04/24/15	R.L.
B	REVISED GLAZING DETAILS	10/04/17	R.L.

SIGNED: 10/23/2017

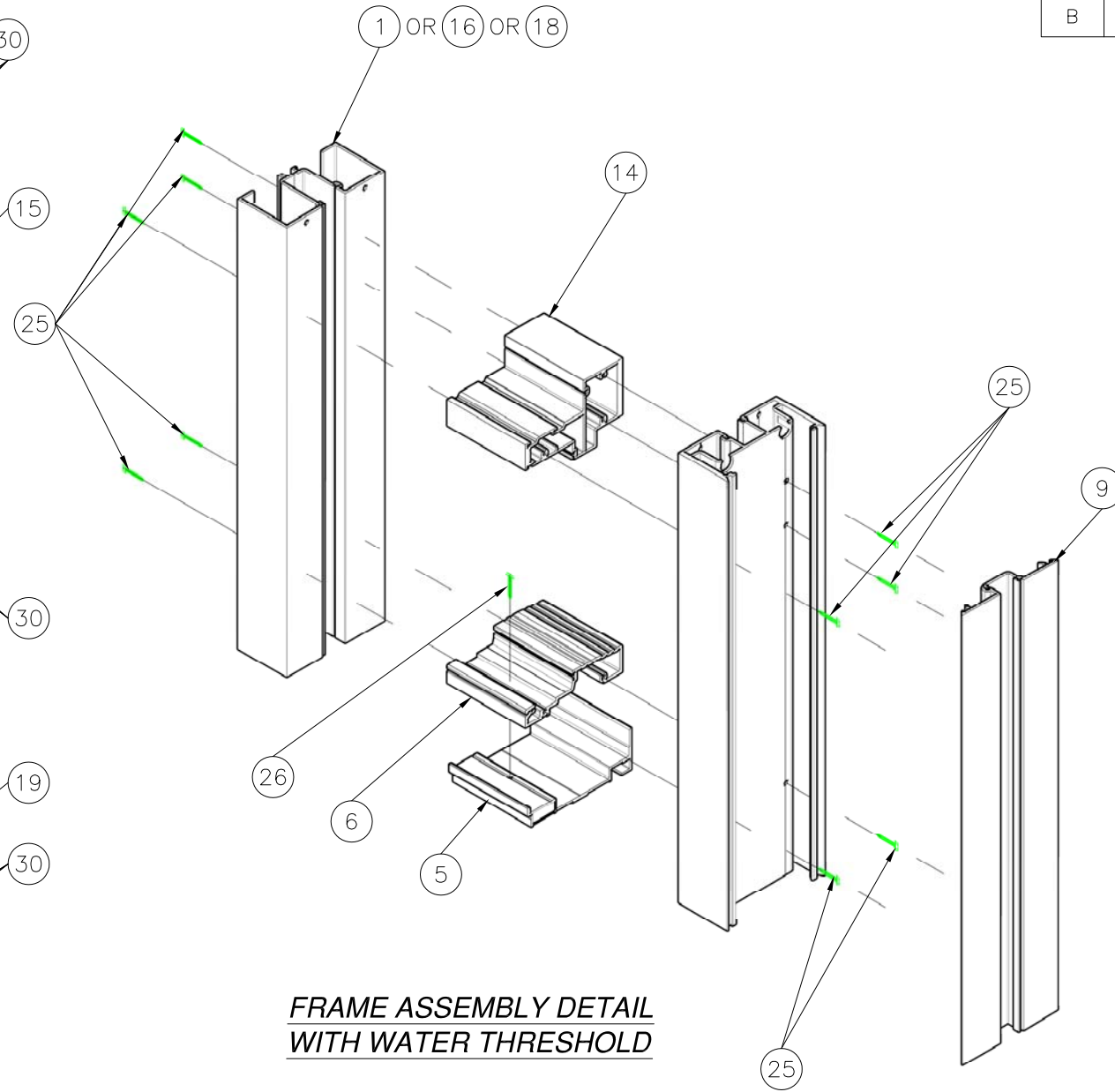
US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI COMPONENTS		
DRAWN: TJH	DWG NO. 08-01577	REV B
SCALE NTS	DATE 01/11/10	SHEET 13 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



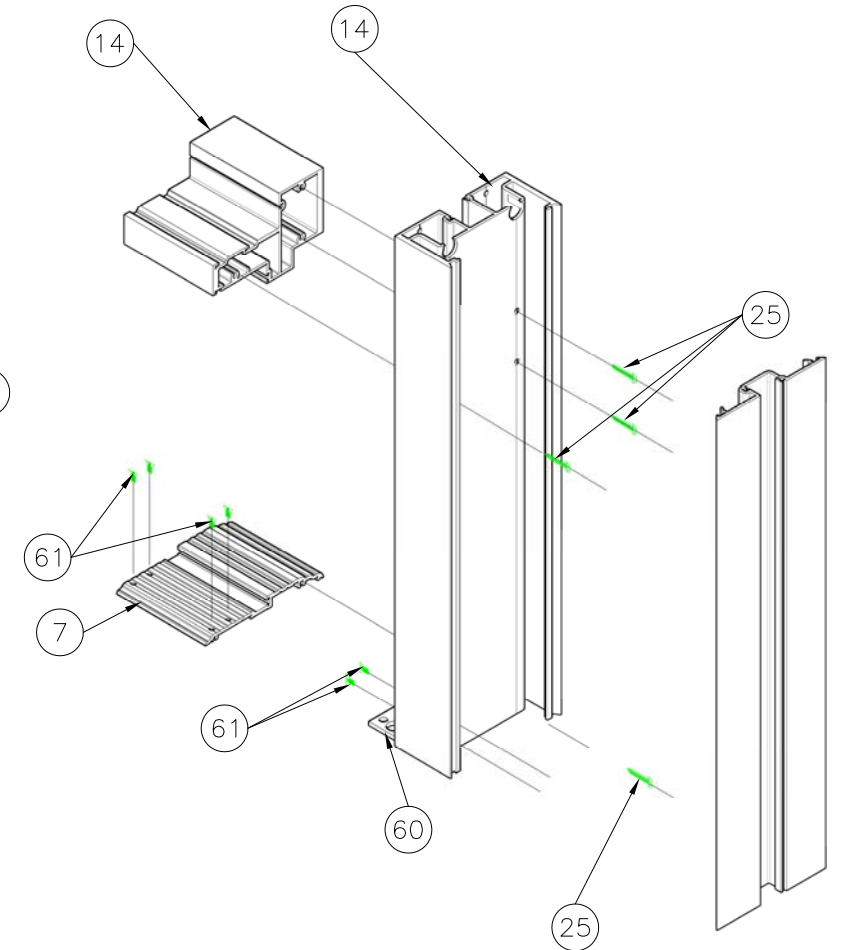
Luis R. Lomas P.E.  
FL No.: 62514



PANEL ASSEMBLY DETAIL



FRAME ASSEMBLY DETAIL  
WITH WATER THRESHOLD

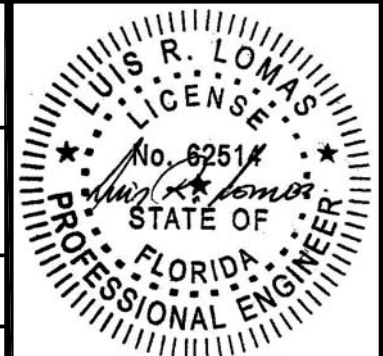


AIR THRESHOLD DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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SIGNED: 10/23/2017

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI PANEL AND FRAME ASSEMBLY DETAILS		
DRAWN: TJH	DWG NO. 08-01577	REV B
SCALE NTS	DATE 01/11/10	SHEET 14 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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FL No.: 62514