

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	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: 6063-T5 ALUMINUM.
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 INTO WOOD FRAMING OR 2X BUCK USE 3/8" GRADE 5 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 INTO MASONRY/CONCRETE USE 3/8" POWER-BOLT ANCHORS 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 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. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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.
14. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLED. CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING WITH GLAZING AND ASSEMBLY REQUIREMENTS.
15. GLAZING OPTION 2 AND 4, 1 5/16" LAMINATED IGU WITH TEMPERED GLASS TO BE INSTALLED AS REQUIRED BY CODE.

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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 ALUMINUM  
STOREFRONT- LMI  
NOTES

DRAWN:  
TJH

DWG NO.  
08-01578

REV  
C

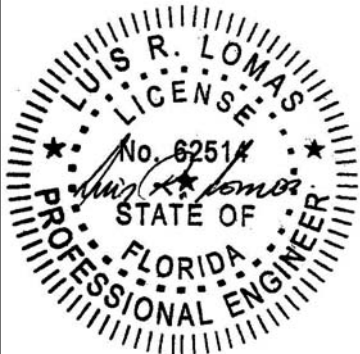
SCALE NTS

DATE 01/13/10

SHEET 1 OF 11

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

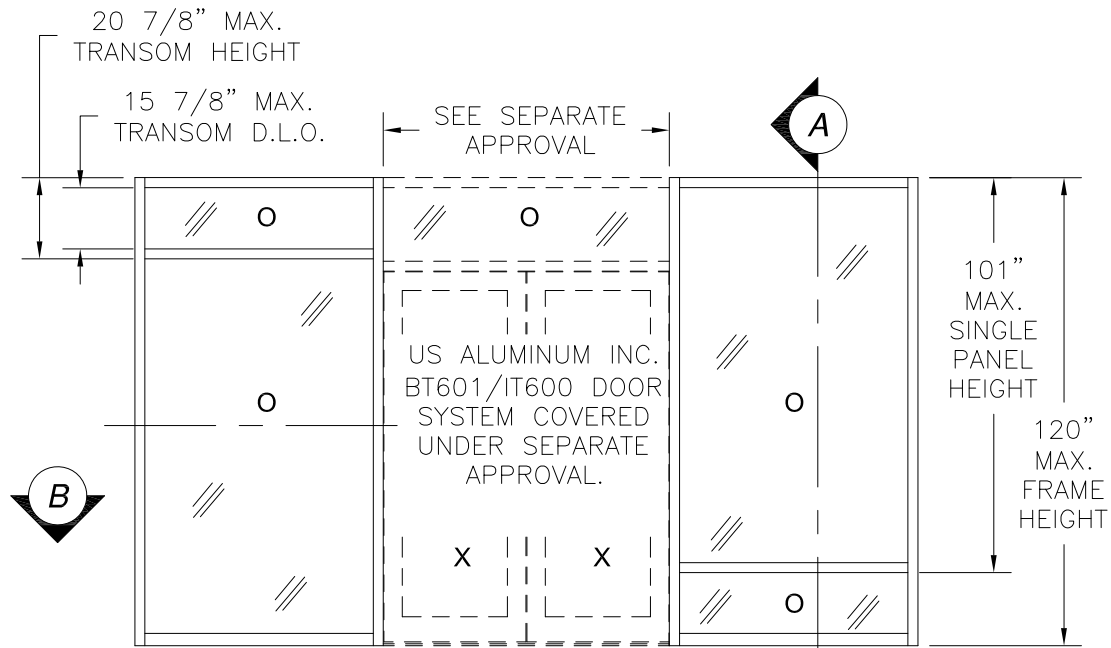
SIGNED: 10/04/2017



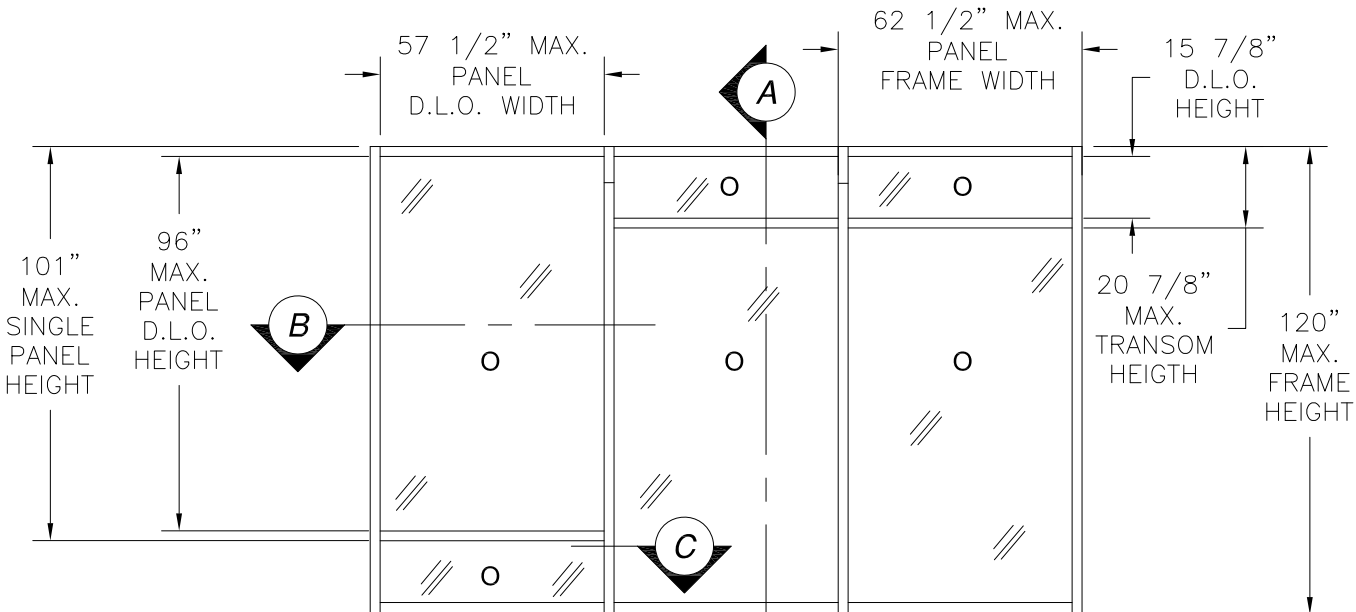
Luis R. Lomas P.E.  
FL No.: 62514

Panel Height (in)	Design pressure for reinforced units (psf)																											
	Single Panel Width (in)																											
	24.0		30.0		36.0		42.0		48.0		54.0		62.5		66.0		72.0		78.0		84.0		90.0		96.0		101.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
62.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-	-
78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-	-	-
84.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-	-	-	-	-	-	-	-
90.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-	-	-	-	-	-	-	-	-
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**SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT WITH DOUBLE DOOR WITH REINFORCED MULL EXTERIOR VIEW**



**SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT WITH REINFORCED MULL EXTERIOR VIEW**

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SIGNED: 10/04/2017

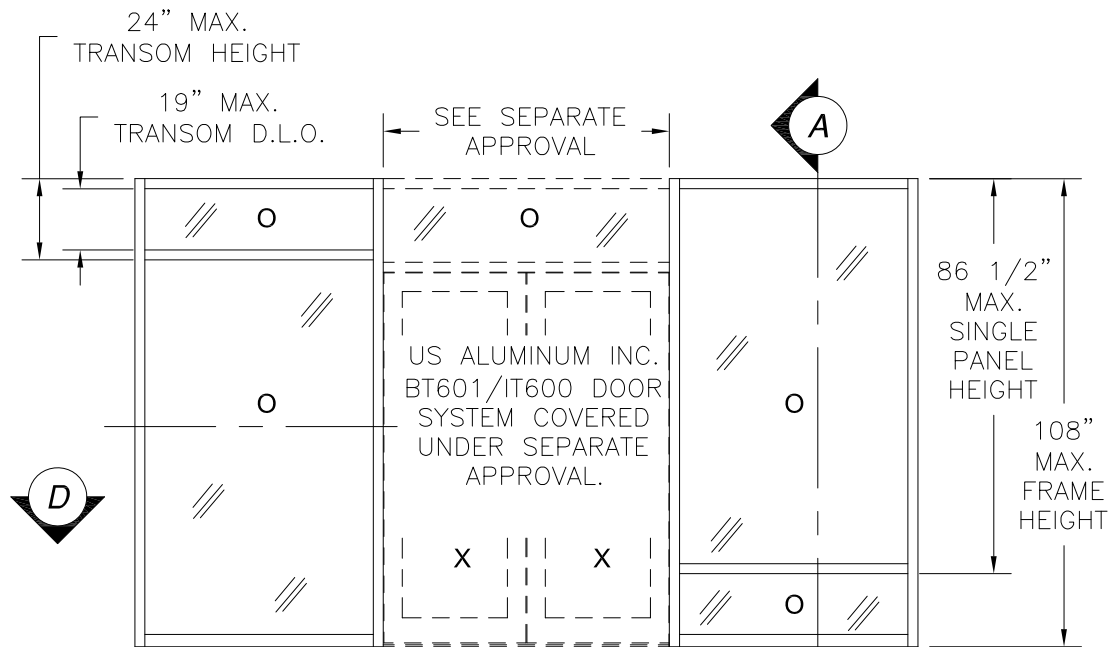
US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT- LMI REINFORCED ELEVATIONS		
DRAWN: TJH	DWG NO. 08-01578	REV C
SCALE NTS	DATE 01/13/10	SHEET 2 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



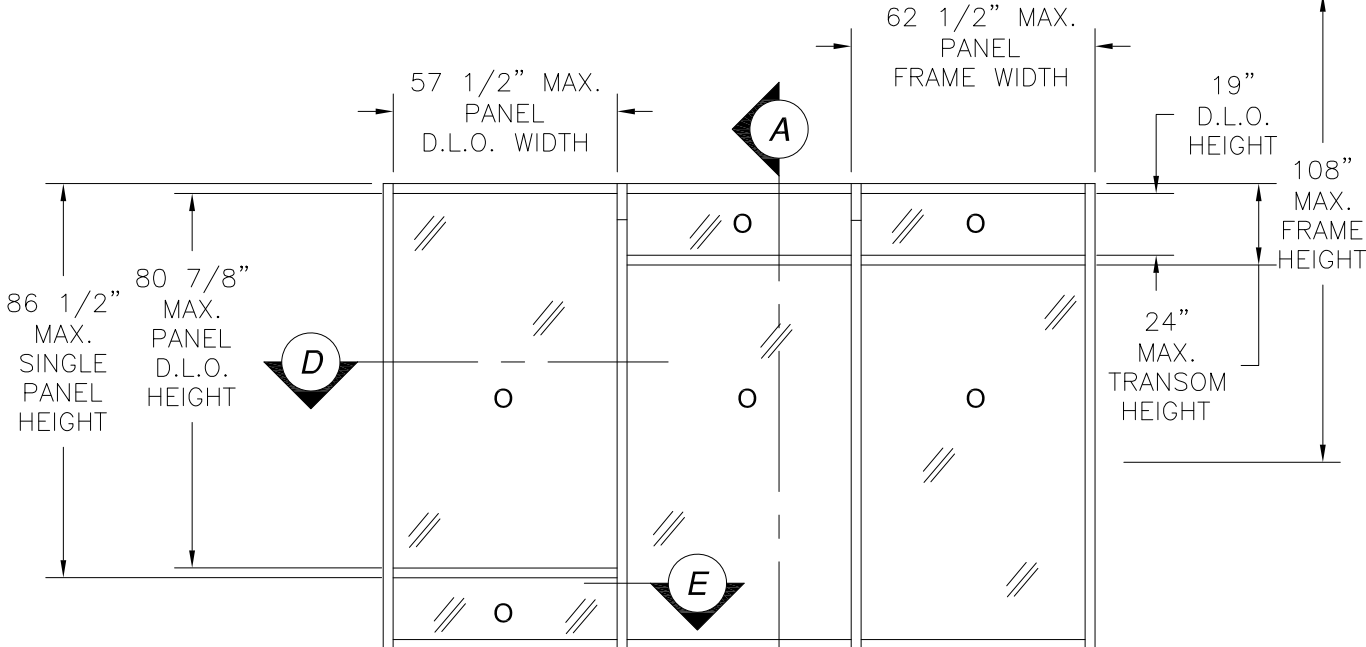
Luis R. Lomas P.E.  
FL No.: 62514

Design pressure for non-reinforced units (psf)																								
Panel Height (in)	Single Panel Width (in)																							
	24.0		30.0		36.0		42.0		48.0		54.0		62.5		66.0		72.0		78.0		84.0		86.5	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
30.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
36.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
42.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
48.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
54.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
62.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-
78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-
86.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	-	-	-	-	-

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**SERIES BT601/IT600 STORM FRONT ALUMINUM  
STOREFRONT WITH DOUBLE DOOR**  
WITH NON-REINFORCED MULL  
EXTERIOR VIEW



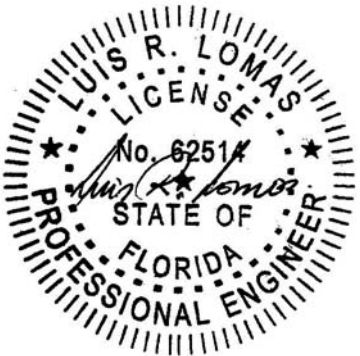
**SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT**  
WITH NON-REINFORCED MULL  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

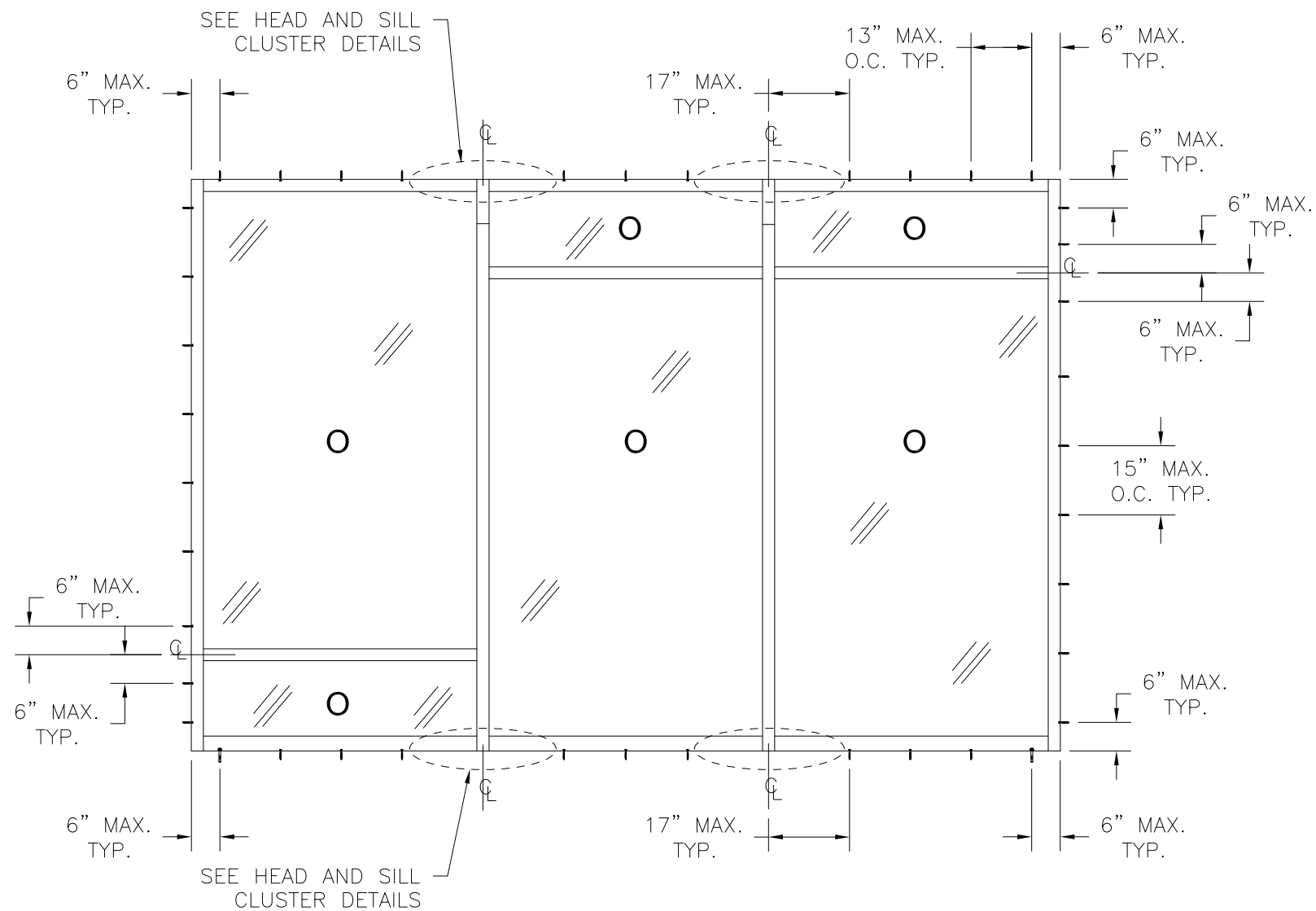
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT- LMI NON-REINFORCED ELEVATIONS		
DRAWN: TJH	DWG NO. 08-01578	REV C
SCALE NTS	DATE 01/13/10	SHEET 3 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 10/04/2017

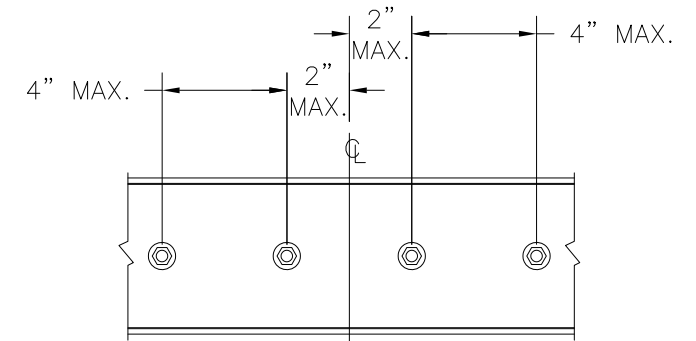


Luis R. Lomas P.E.  
FL No.: 62514

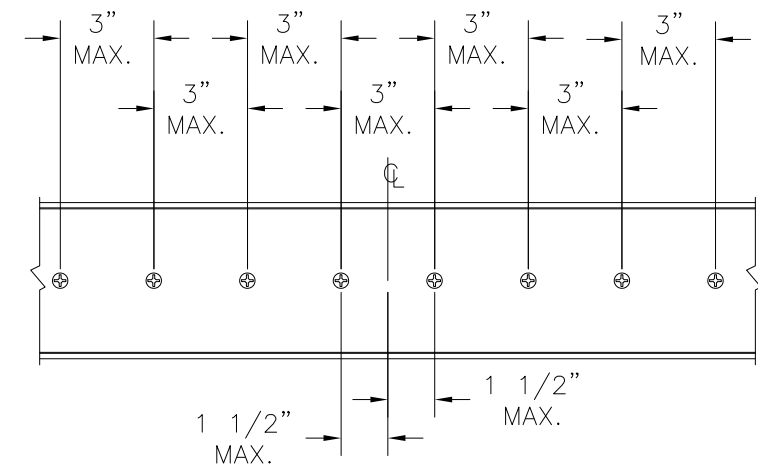


**SERIES BT601/IT600 ALUMINUM FIXED STORE FRONT**  
EXTERIOR VIEW

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**HEAD AND SILL SILL CLUSTER DETAIL**  
CONCRETE AND STEEL FRAMING INSTALLATION



**HEAD AND SILL CLUSTER DETAIL**  
WOOD FRAMING INSTALLATION

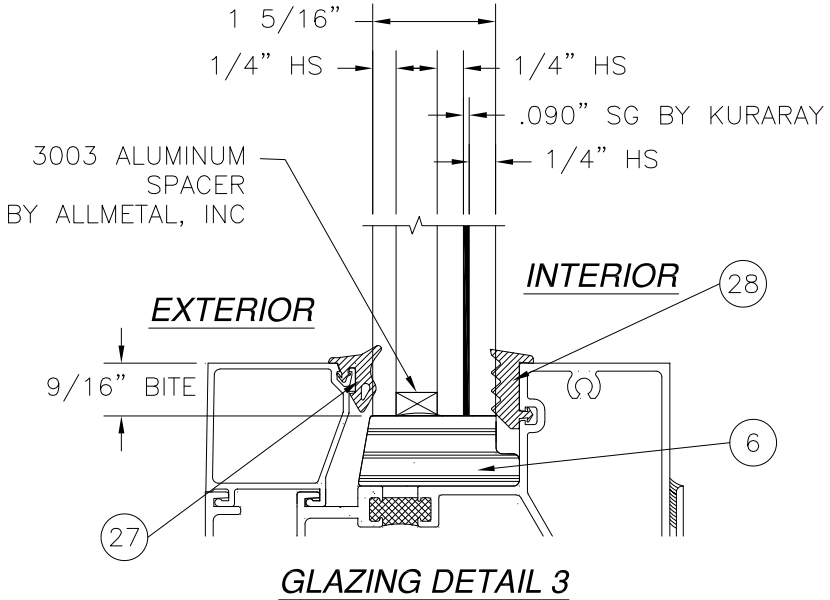
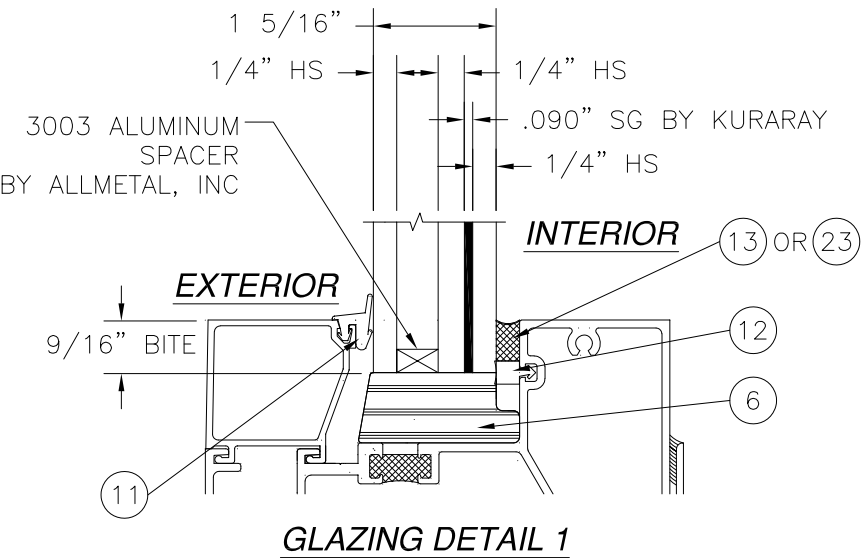
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<p align="center"><b>US ALUMINUM</b> DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730</p>		
<p align="center">SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT- LMI ANCHORING LAYOUT</p>		
DRAWN: TJH	DWG NO. 08-01578	REV C
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<p align="center">L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com</p>		

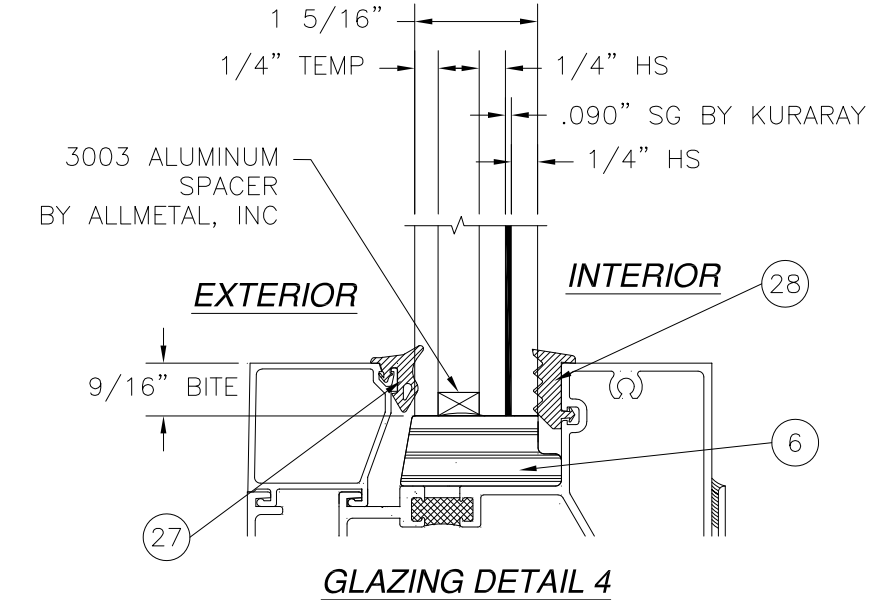
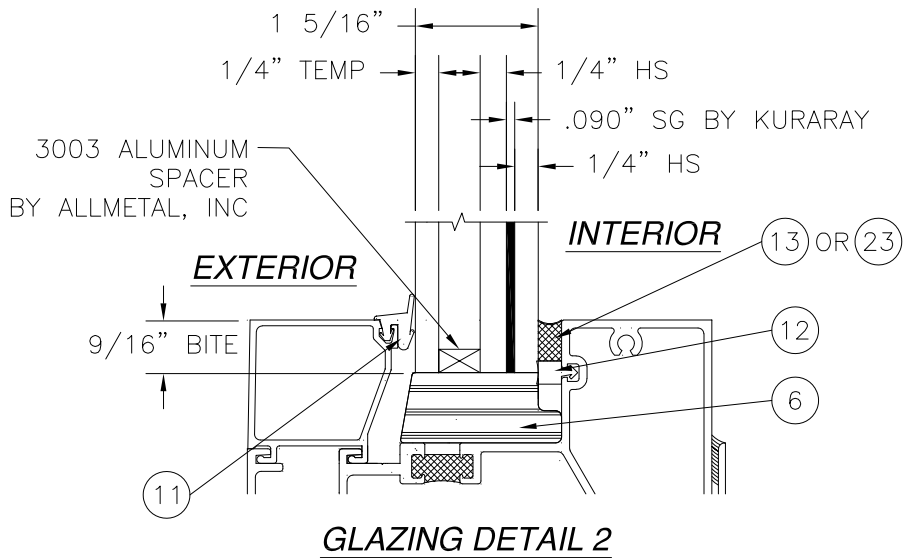
**LUIS R. LOMAS**  
LICENSED P.E.  
No. 62514  
STATE OF  
**FLORIDA**  
PROFESSIONAL ENGINEER

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

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	BT872	SILL	US ALUMINUM	ALUMINUM 6063-T5
2	BT870	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5
3	BT852	HEAD	US ALUMINUM	ALUMINUM 6063-T5
4	BT805	JAMB	US ALUMINUM	ALUMINUM 6063-T5
5	BR863	GLASS STOP	US ALUMINUM	ALUMINUM 6063-T5
6	SB117	SETTING BLOCK	US ALUMINUM	EPDM 85 DUROMETER
7	BT804	BT601 SHALLOW POCKET INSERT	US ALUMINUM	ALUMINUM 6063-T5
8	BT815	BT601 VERTICAL MULLION	US ALUMINUM	ALUMINUM 6063-T5
9	BT835	BT601 HEAVY DUTY VERTICAL MULL	US ALUMINUM	ALUMINUM 6063-T5
10		8GA. STEEL STIFFENER HEAVY	US ALUMINUM	A36 MILD STEEL
11	NP225	TOP LOAD GASKET	US ALUMINUM	EPDM 60 DURO
12	SP250	GLAZING SEAL	US ALUMINUM	SCR
13	DOW 995	GLAZING COMPOUND	DOW CORNING	SILICONE
14	CP801	VERTICAL CLOSER PLATE	US ALUMINUM	50 DUROMETER TPR
15	BT862	HORIZONTAL MULL	US ALUMINUM	ALUMINUM 6063-T5
16	ST035	#10 x 5/8" FH SMS		
17	WD912	DEEP WATER DEFLECTOR	US ALUMINUM	NYLON
18	WD911	SHALLOW WATER DEFLECTOR	US ALUMINUM	NYLON
19		LARGE MISSILE IMPACT GLASS		
20	EC801	SUB-SILL END DAM	US ALUMINUM	A-245
21	ST266	#12 x 1" HWH SMS		
22	ST268	#12 x 3/4" HWH SMS		
23	PROGLAZE SSG	GLAZING COMPOUND	TREMCO	SILICONE
24	SPECTRUM 2	PERIMETER SEAL	TREMCO	SILICONE
25	DOW 795	PERIMETER SEAL	DOW CORNING	SILICONE
26	WD913	DEEP WATER DEFLECTOR	US ALUMINUM	NYLON
27	NP825	EXTERIOR GASKET	TREMCO	EPDM 70 DURO
28	NP826	INTERIOR GASKET	TREMCO	EPDM 70 DURO



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STOREFRONT- LMI  
BILL OF MATERIALS AND GLAZING DETAILS

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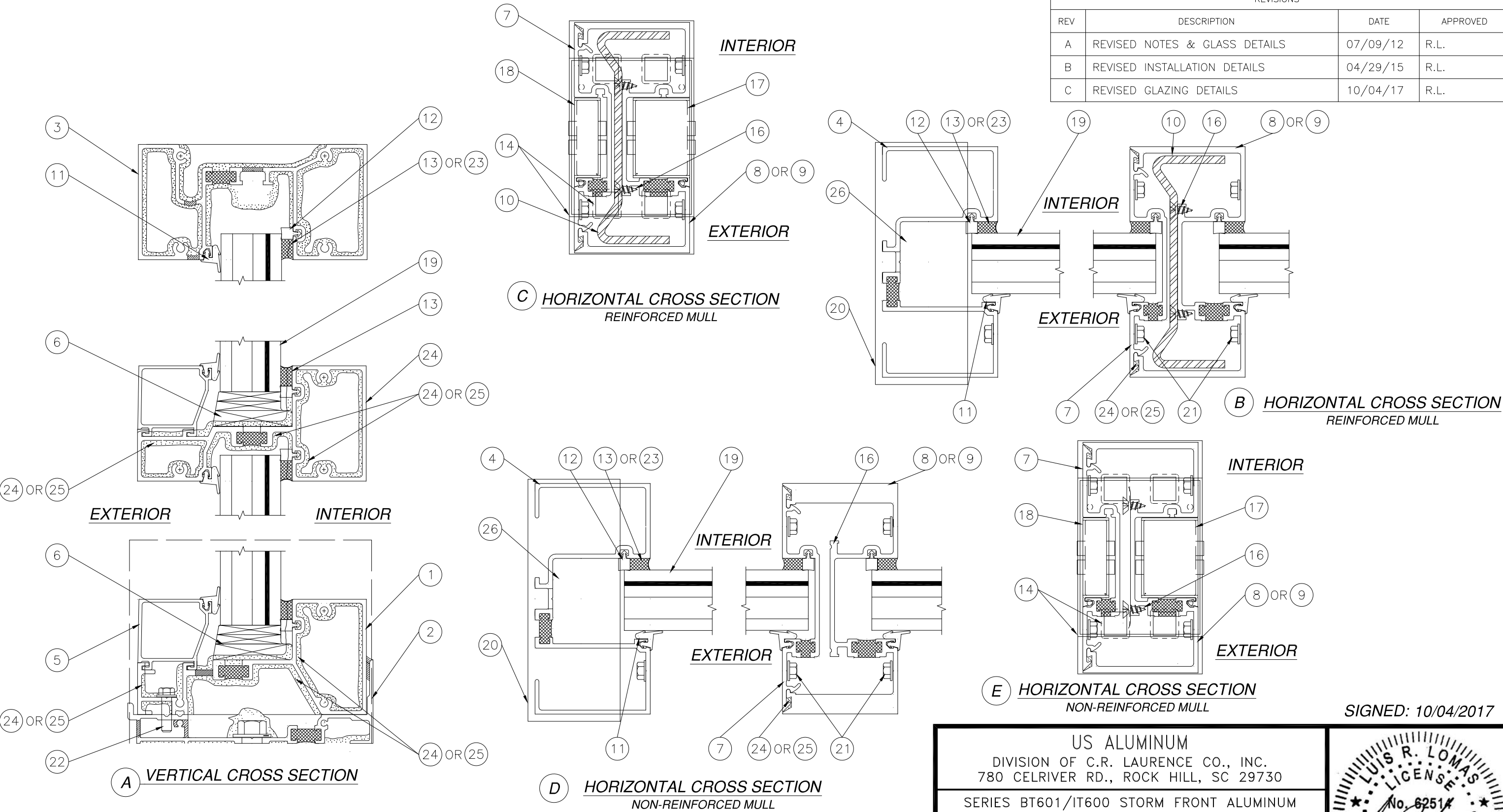
SHEET  
5 OF 11

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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>

US ALUMINUM

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

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT ALUMINUM

STOREFRONT- LMI

CROSS SECTIONS

DRAWN: TJH

DWG NO. 08-01578

REV C

SCALE NTS

DATE 01/13/10

SHEET 6 OF 11

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/04/2017



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

1 1/2" MIN. EDGE DIST.  
1 7/8" MIN. EMBEDMENT

3/8" LAG SCREW

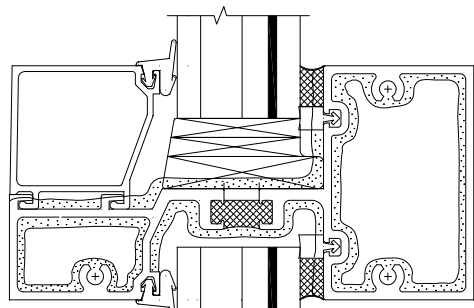
WOOD FRAMING BY OTHERS,  
WOOD FRAMING TO BE  
PROPERLY SECURED

1/2" MAX.  
SHIM

BACKER ROD AND  
APPROVED SEALANT  
BY OTHERS

FASTENER HEADS  
MUST BE COVERED  
WITH APPROVED  
SEALANT

BACKER ROD AND  
APPROVED SEALANT  
BY OTHERS



EXTERIOR

INTERIOR

3/8" LAG SCREW

SILL TO BE SET IN  
BED OF APPROVED  
SEALANT

FASTENER HEADS  
MUST BE COVERED  
WITH APPROVED  
SEALANT

WOOD FRAMING BY OTHERS,  
WOOD FRAMING TO BE  
PROPERLY SECURED

1 7/8" MIN.  
EMBEDMENT

1 1/2" MIN.  
EDGE DIST.

**A** VERTICAL CROSS SECTION  
WOOD FRAMING INSTALLATION

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	REVISED GLAZING DETAILS	10/04/17	R.L.

WOOD FRAMING BY OTHERS,  
WOOD FRAMING TO BE  
PROPERLY SECURED

3/8" LAG SCREW

1 1/2" MIN.  
EDGE DIST.

1/2" MAX.  
SHIM

BACKER ROD AND  
APPROVED SEALANT  
BY OTHERS

FASTENER HEADS  
MUST BE COVERED  
WITH APPROVED  
SEALANT

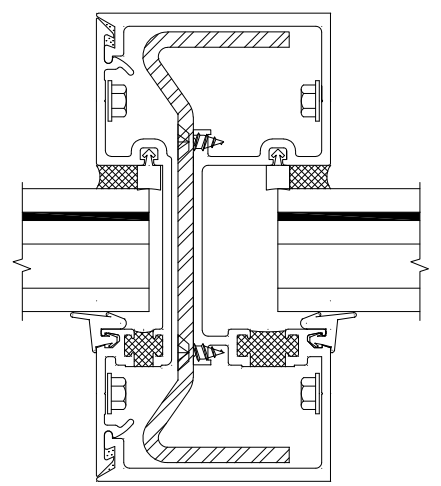
INTERIOR

EXTERIOR

BACKER ROD AND  
APPROVED SEALANT  
BY OTHERS

1 7/8" MIN.  
EMBEDMENT

**D B** HORIZONTAL CROSS SECTION  
WOOD FRAMING INSTALLATION  
REINFORCED MULL SHOWN,  
NON-REINFORCED SIMILAR



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

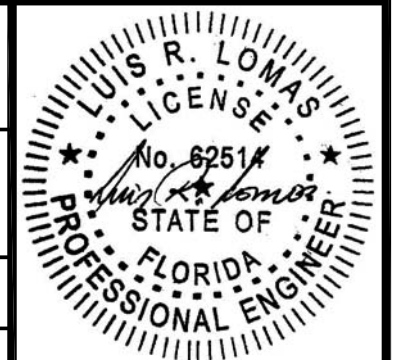
SERIES BT601/IT600 STORM FRONT ALUMINUM  
STOREFRONT- LMI  
INSTALLATION DETAILS

DRAWN: TJH  
DWG NO. 08-01578  
REV C

SCALE NTS  
DATE 01/13/10  
SHEET 7 OF 11

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

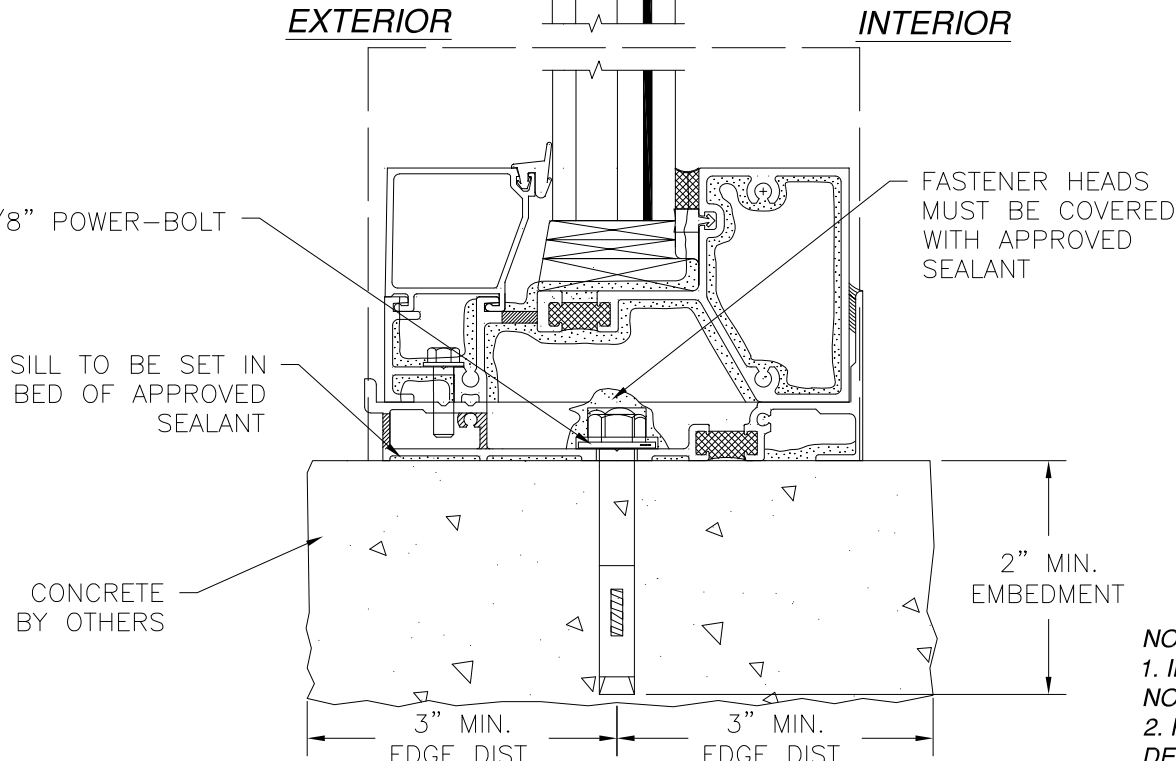
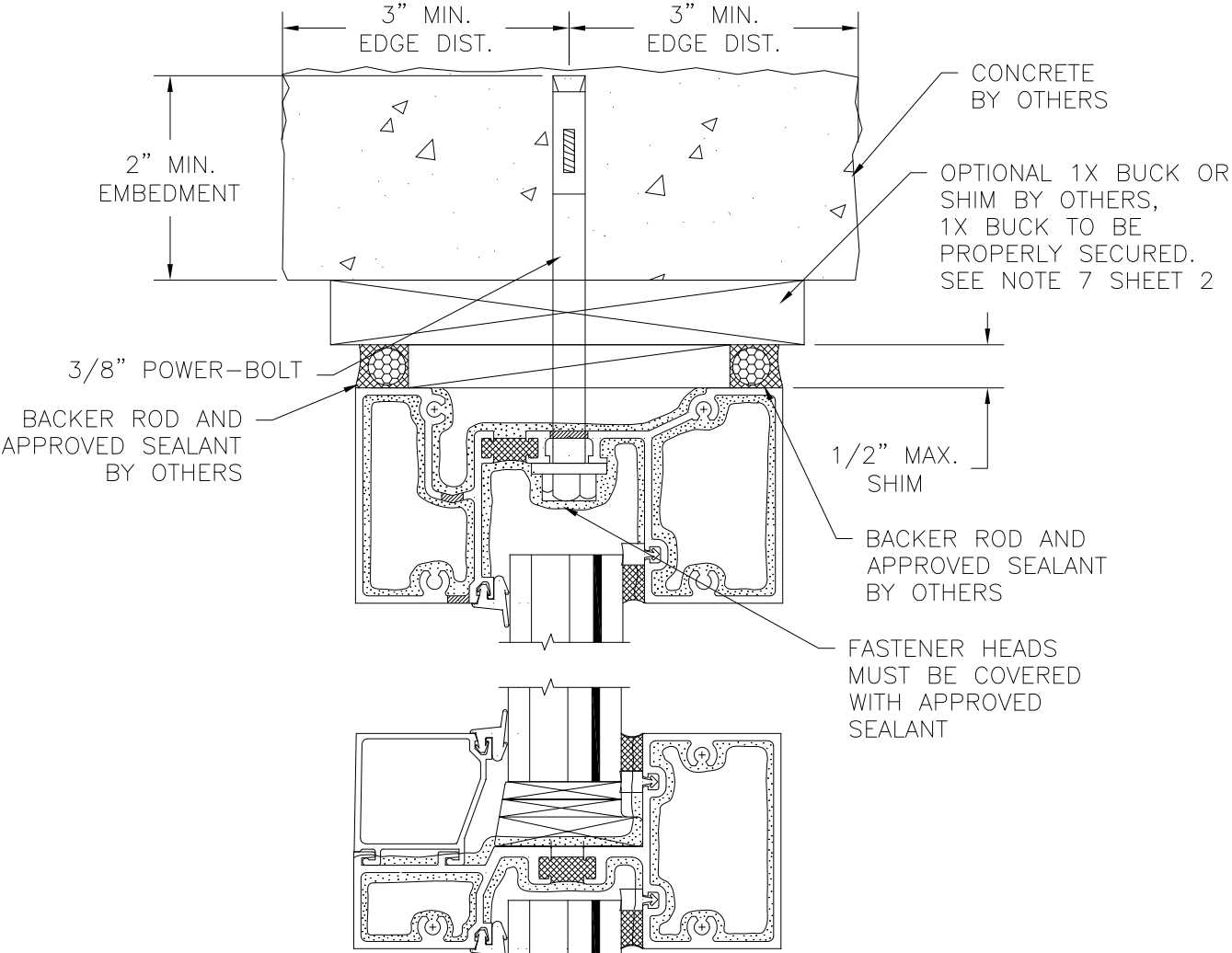
SIGNED: 10/04/2017



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

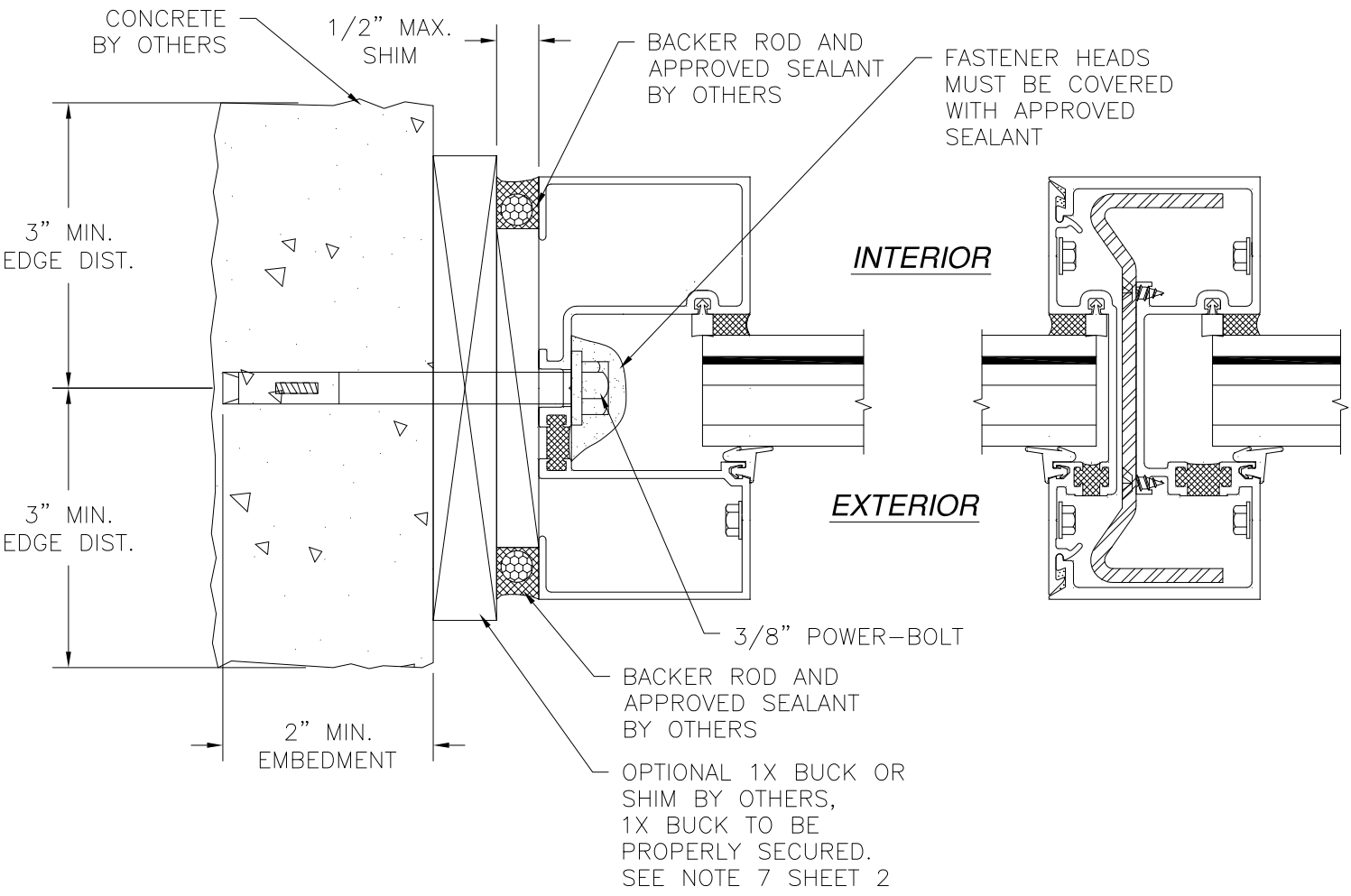


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	REVISED GLAZING DETAILS	10/04/17	R.L.



**VERTICAL CROSS SECTION**  
**A** CONCRETE INSTALLATION

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



**HORIZONTAL CROSS SECTION**  
**D B** CONCRETE INSTALLATION  
REINFORCED MULL SHOWN,  
NON-REINFORCED SIMILAR

SIGNED: 10/04/2017

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

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

DRAWN:  
TJH

DWG NO.  
08-01578

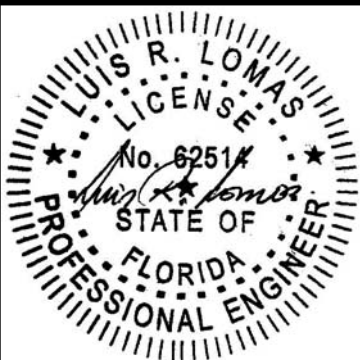
REV  
C

SCALE NTS

DATE 01/13/10

SHEET 8 OF 11

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

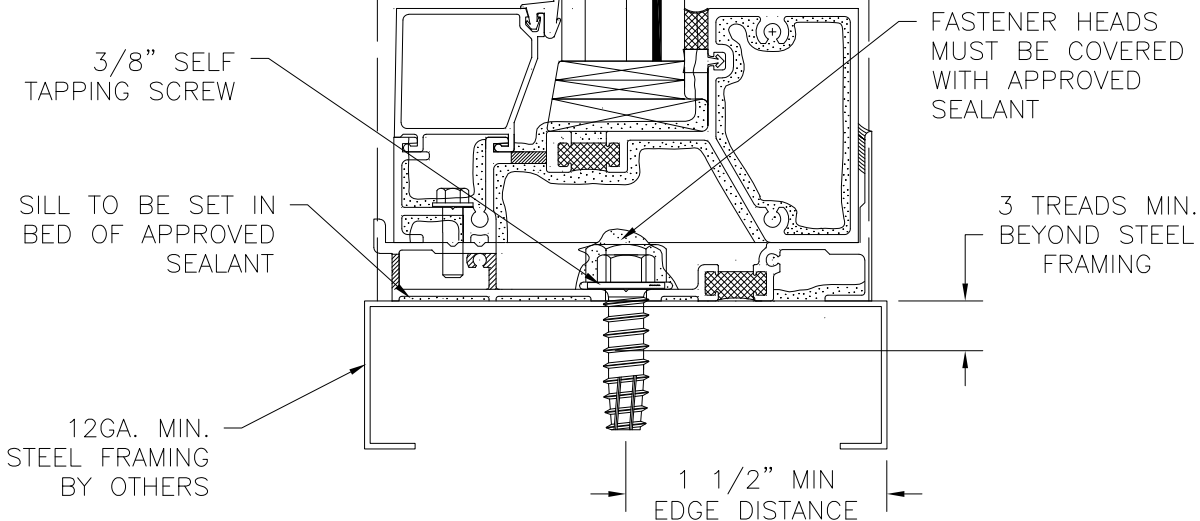
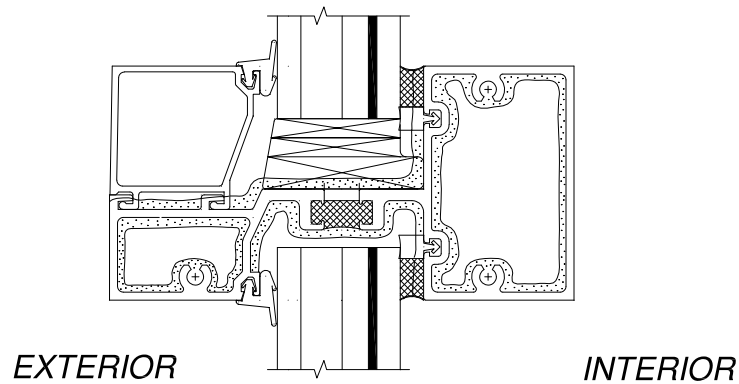
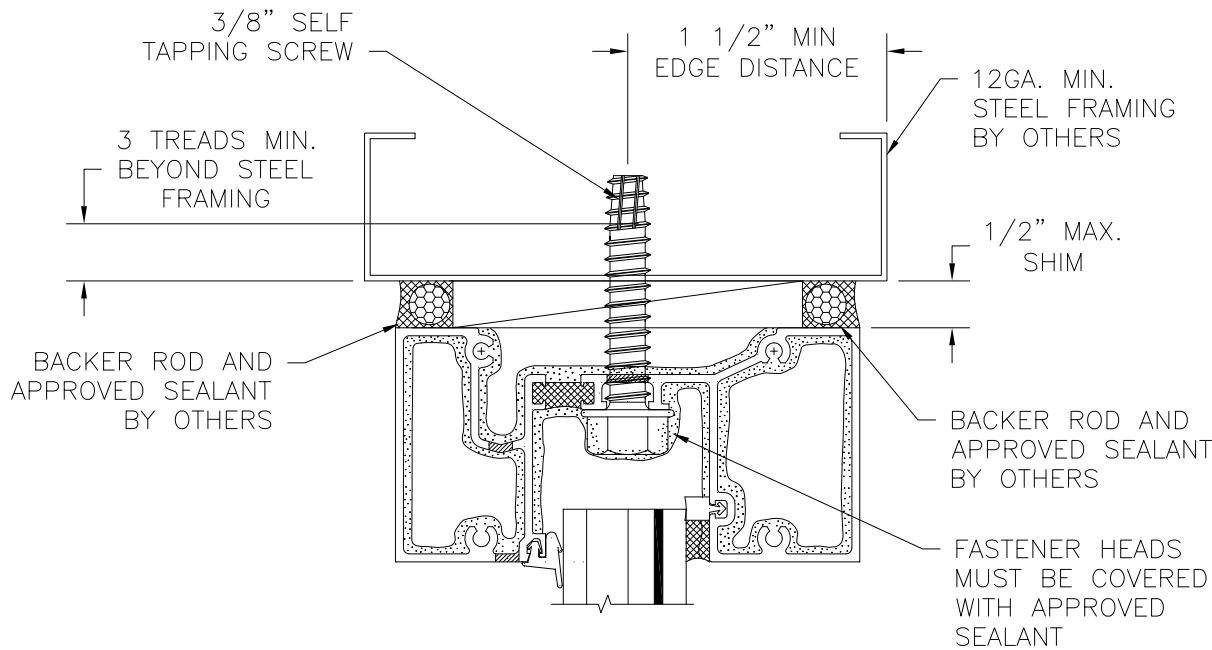


Luis R. Lomas P.E.  
FL No.: 62514



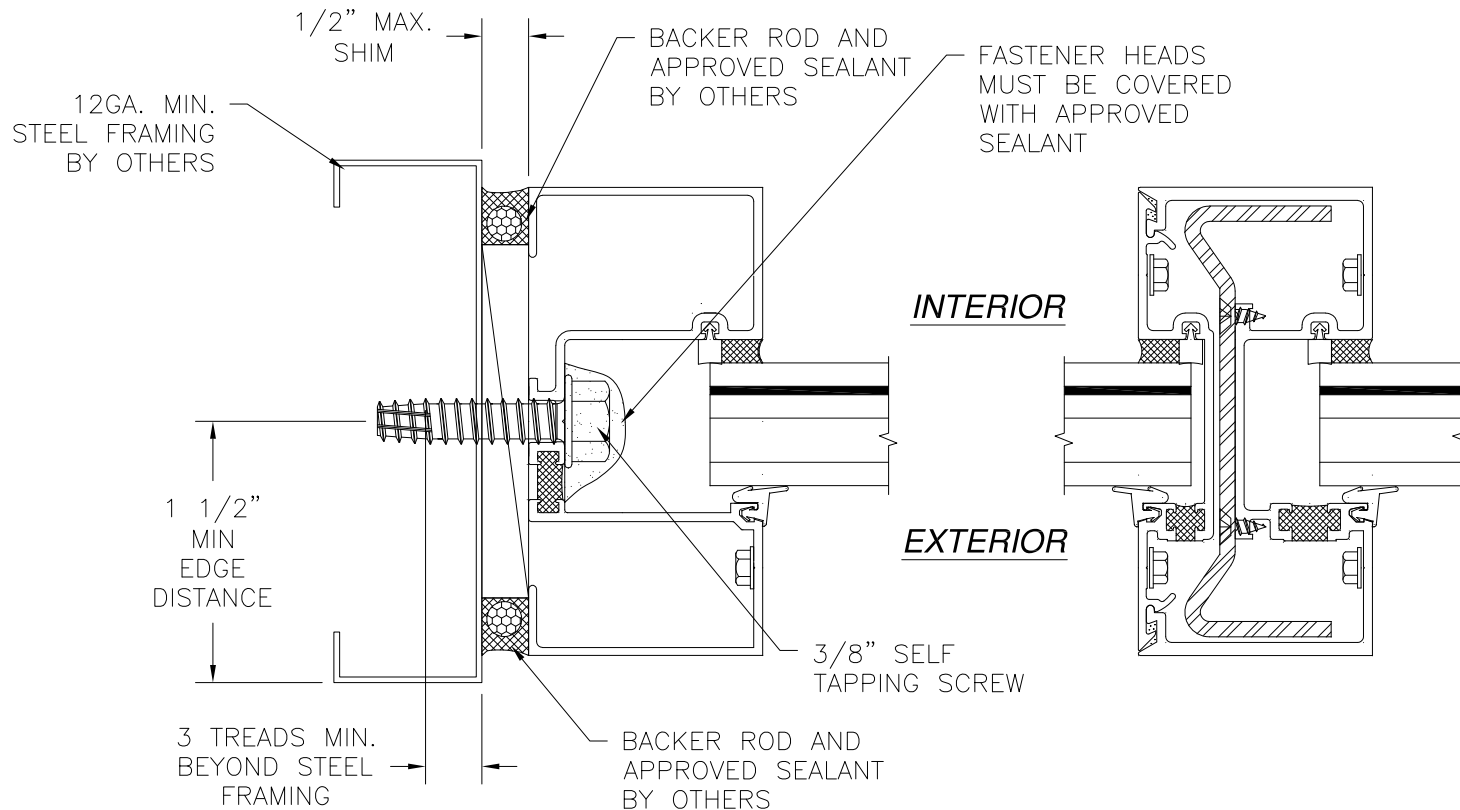


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	REVISED GLAZING DETAILS	10/04/17	R.L.



**A VERTICAL CROSS SECTION**  
STEEL FRAMING INSTALLATION

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



**B HORIZONTAL CROSS SECTION**  
STEEL FRAMING INSTALLATION  
REINFORCED MULL SHOWN,  
NON-REINFORCED SIMILAR

US ALUMINUM

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

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT ALUMINUM

STOREFRONT- LMI

INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-01578

REV C

SCALE NTS

DATE 01/13/10

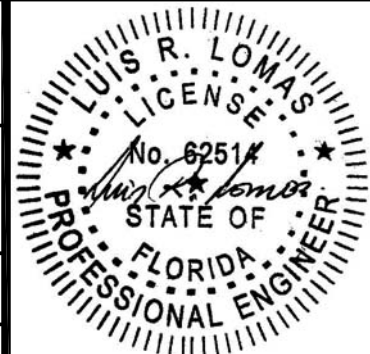
SHEET 9 OF 11

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

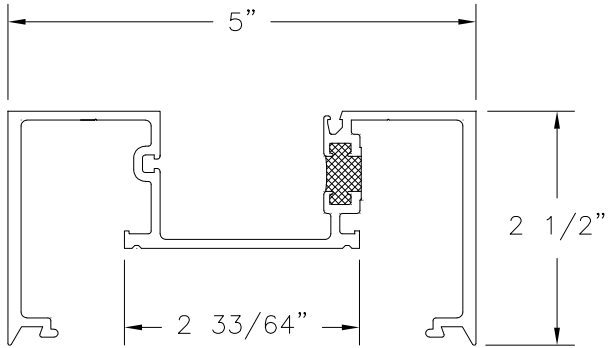
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/04/2017

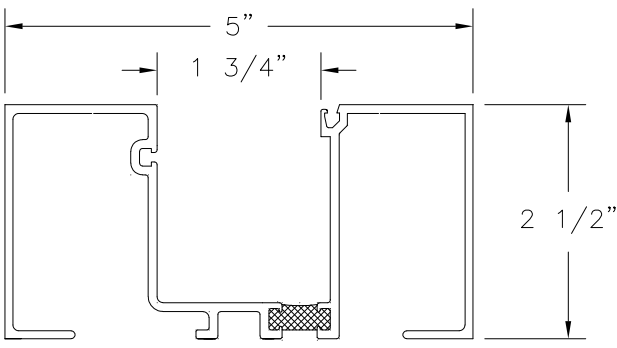


Luis R. Lomas P.E.  
FL No.: 62514

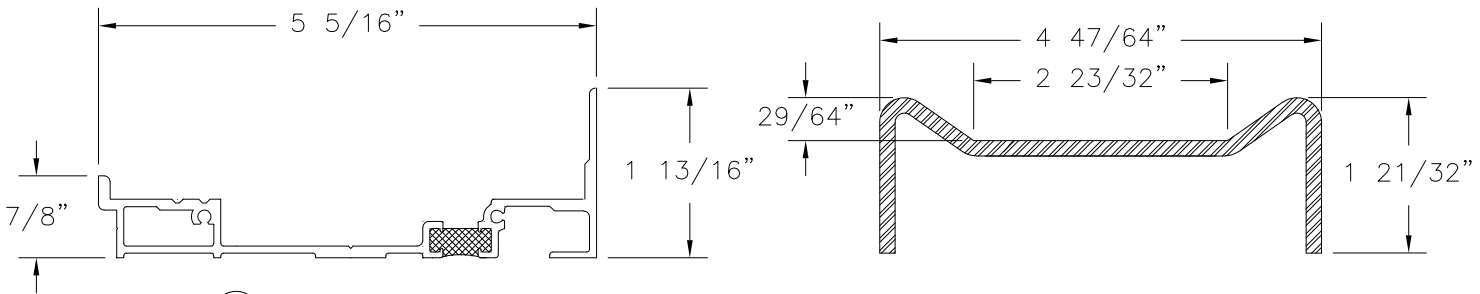
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	REVISED GLAZING DETAILS	10/04/17	R.L.



8 **BT601 VERTICAL MULLION**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK

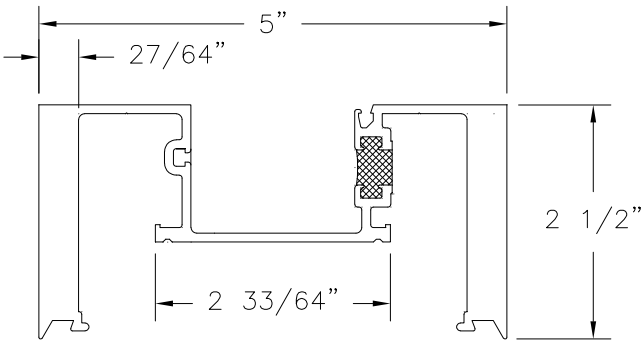


4 **JAMB**  
EXTRUDED ALUMINUM  
6063-T5 .095" THICK

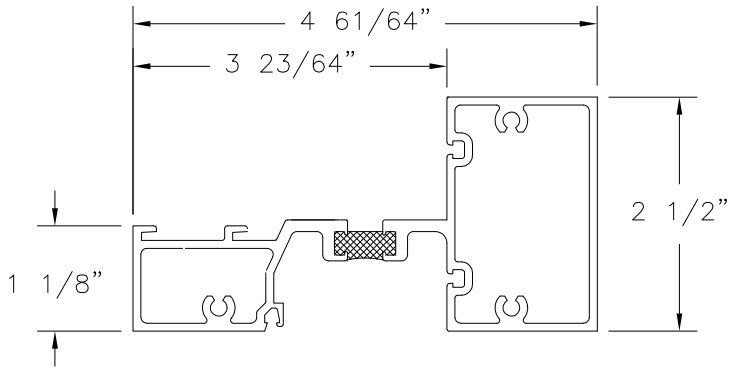


2 **SUB-SILL**  
EXTRUDED ALUMINUM  
6063-T5 .075" THICK

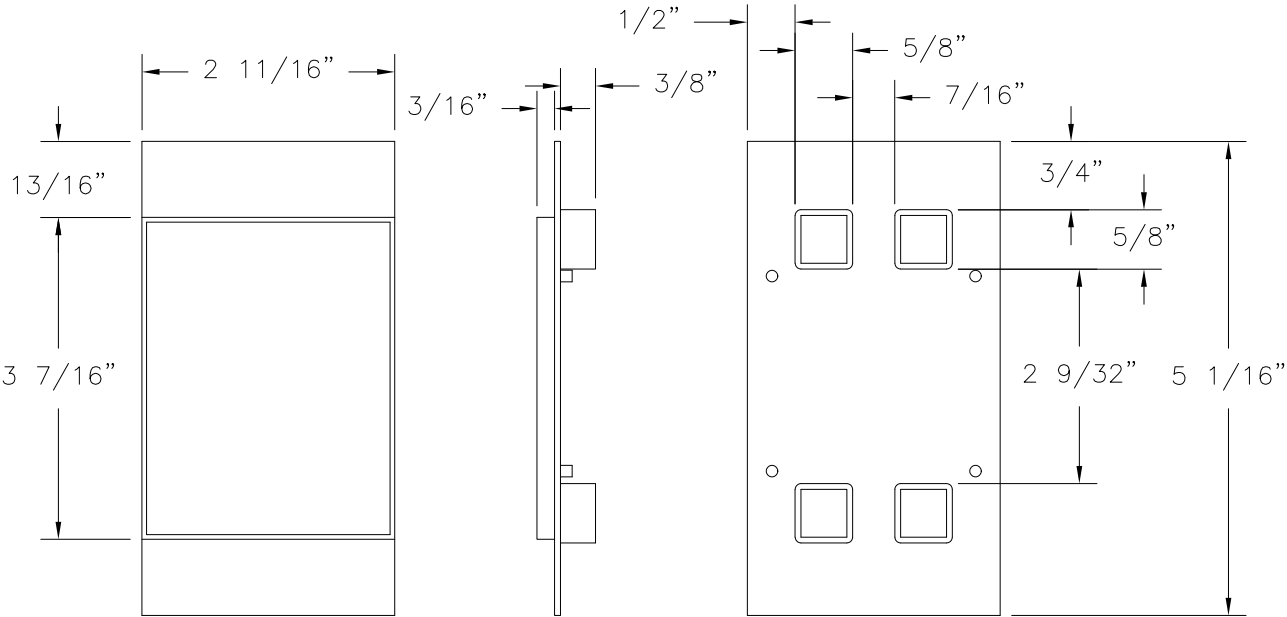
10 **STEEL STIFFENER HEAVY**  
FORMED 8GA. A36 MILD STEEL



9 **BT601 HEAVY DUTY VERTICAL MULLION**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK

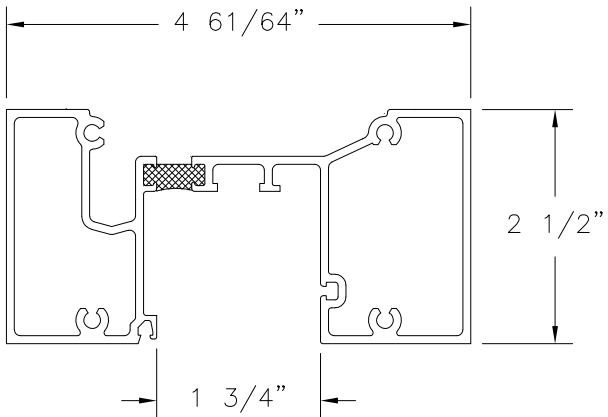


15 **HORIZONTAL MULL**  
EXTRUDED ALUMINUM  
6063-T5 .085" THICK

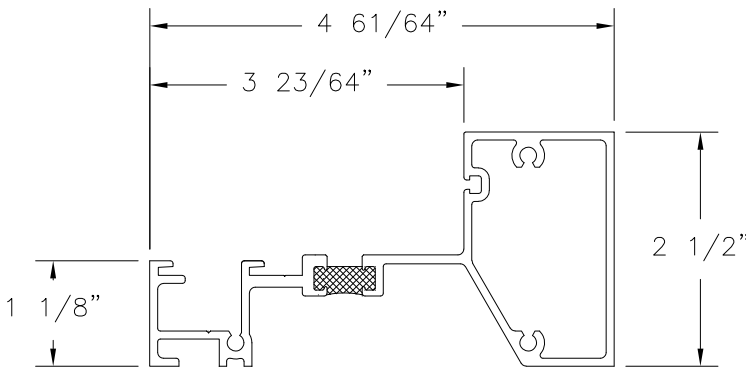


14 **VERTICAL CLOSER PLATE**  
TPR 50 DUROMETER .062" THICK

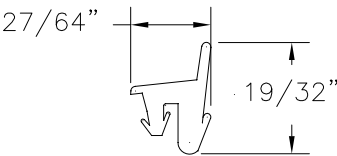
SIGNED: 10/04/2017



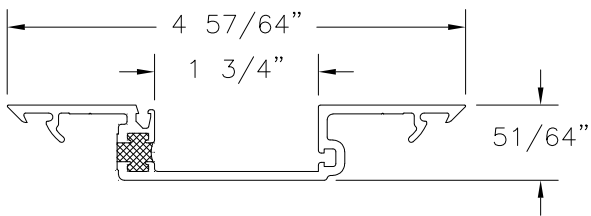
3 **HEAD**  
EXTRUDED ALUMINUM  
6063-T5 .085" THICK



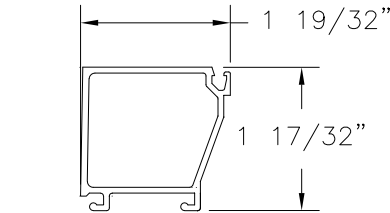
1 **SILL**  
EXTRUDED ALUMINUM  
6063-T5 .095" THICK



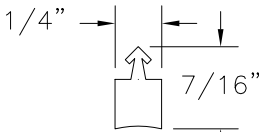
11 **TOP LOAD GASKET**  
EDPM 60 DUROMETER



7 **BT601 SHALLOW POCKET INSERT**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK



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



12 **GLAZING SEAL**  
SCR

US ALUMINUM

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

780 CELRIVER RD., ROCK HILL, SC 29730

SERIES BT601/IT600 STORM FRONT ALUMINUM

STOREFRONT- LMI

COMPONENTS

DRAWN: TJH

DWG NO. 08-01578

REV C

SCALE NTS

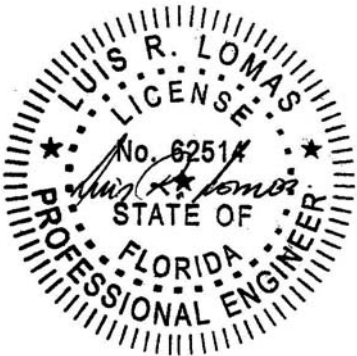
DATE 01/13/10

SHEET 10 OF 11

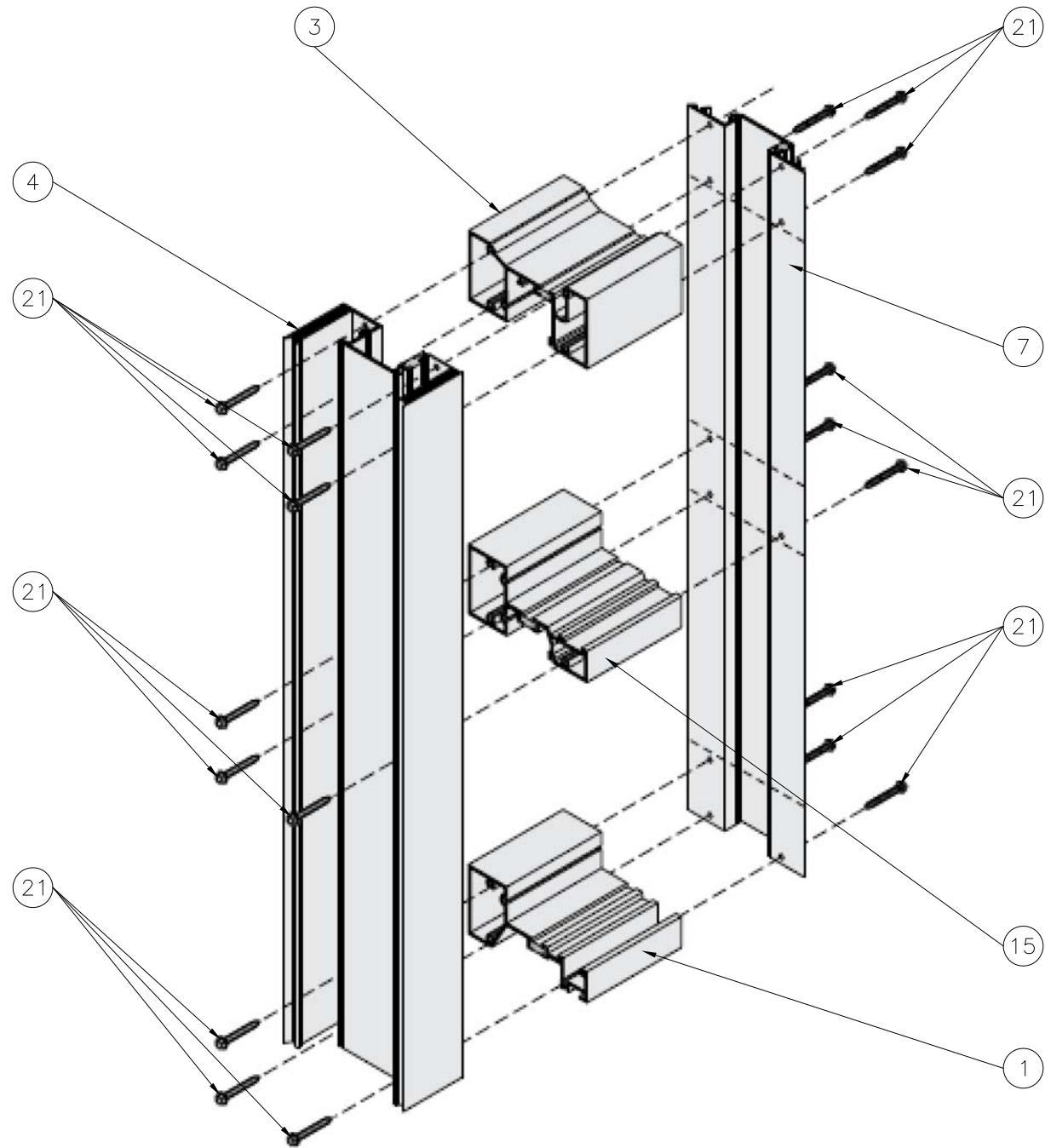
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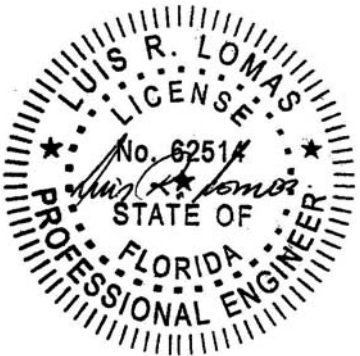


FRAME ASSEMBLY DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES & GLASS DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/29/15	R.L.
C	REVISED GLAZING DETAILS	10/04/17	R.L.

SIGNED: 10/04/2017

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 780 CELRIVER RD., ROCK HILL, SC 29730		
SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT- LMI FRAME ASSEMBY DETAIL		
DRAWN: TJH	DWG NO. 08-01578	REV C
SCALE NTS	DATE 01/13/10	SHEET 11 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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