

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	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. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1–1/2” OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS.
5. 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.
6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16” OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4”.
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: 6063–T5 ALUMINUM.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 5 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
13. FOR ANCHORING HEAD, JAMB 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.

14. FOR ANCHORING HEAD, JAMBS AND WATER THRESHOLD INTO MASONRY/CONCRETE USE 3/8” POWER BOLT 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.
15. FOR ANCHORING HEAD, JAMB 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.
16. 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.
17. FOR ANCHORING AIR THRESHOLD INTO CONCRETE/MASONRY USE 1/4” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
18. 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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 2,000 PSI.

C. MASONRY: GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125” THICK MINIMUM
23. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLED. CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING WITH GLAZING AND ASSEMBLY REQUIREMENTS.

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US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-01581

REV
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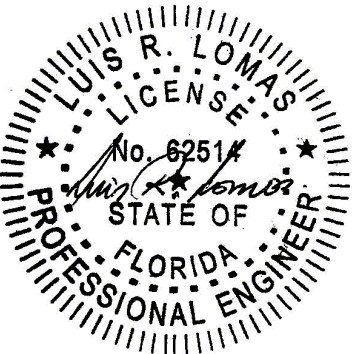
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DATE 05/08/12

SHEET 1 OF 14

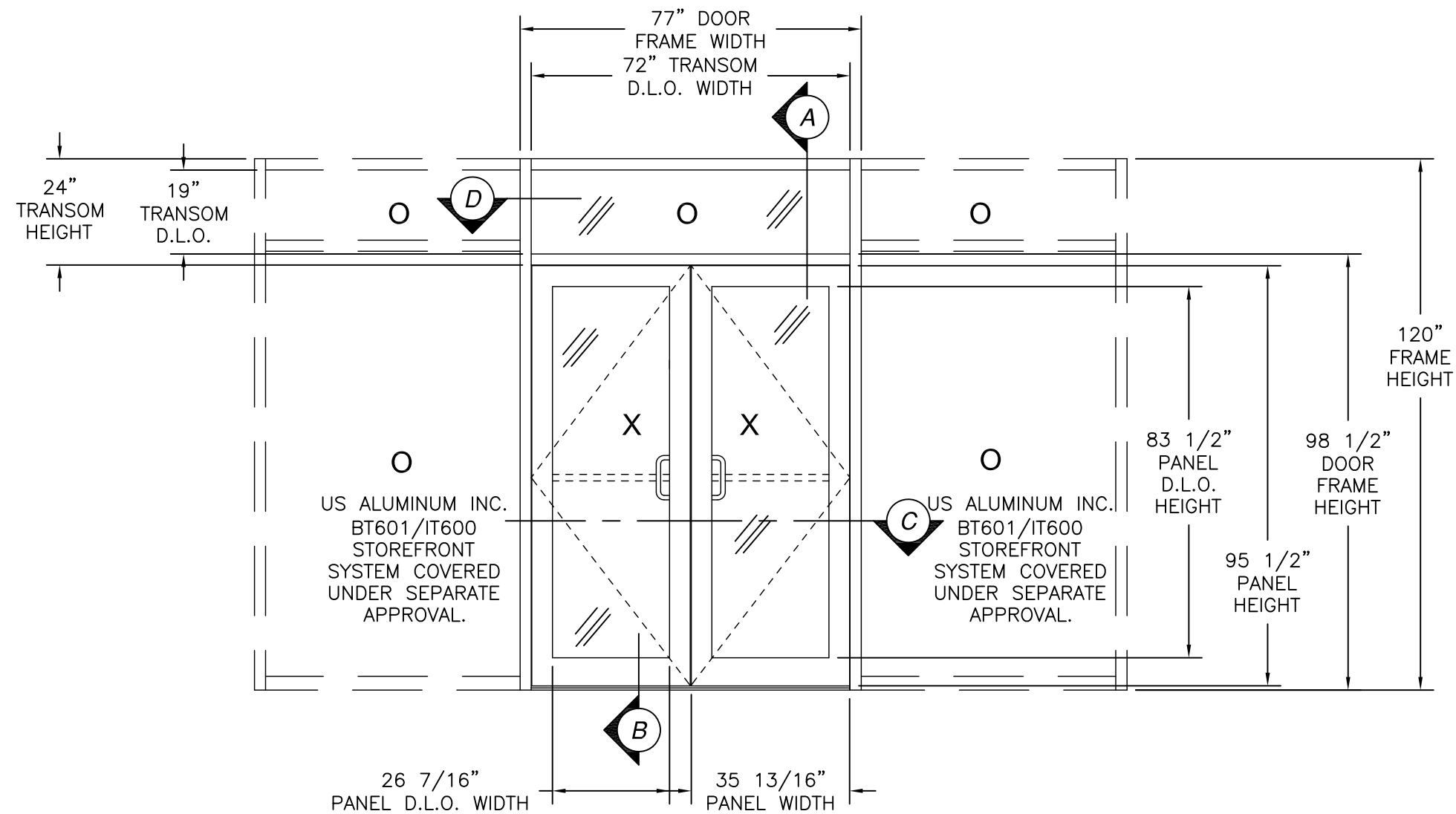
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SIGNED: 09/03/2026



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FL No.: 62514

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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	

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

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950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
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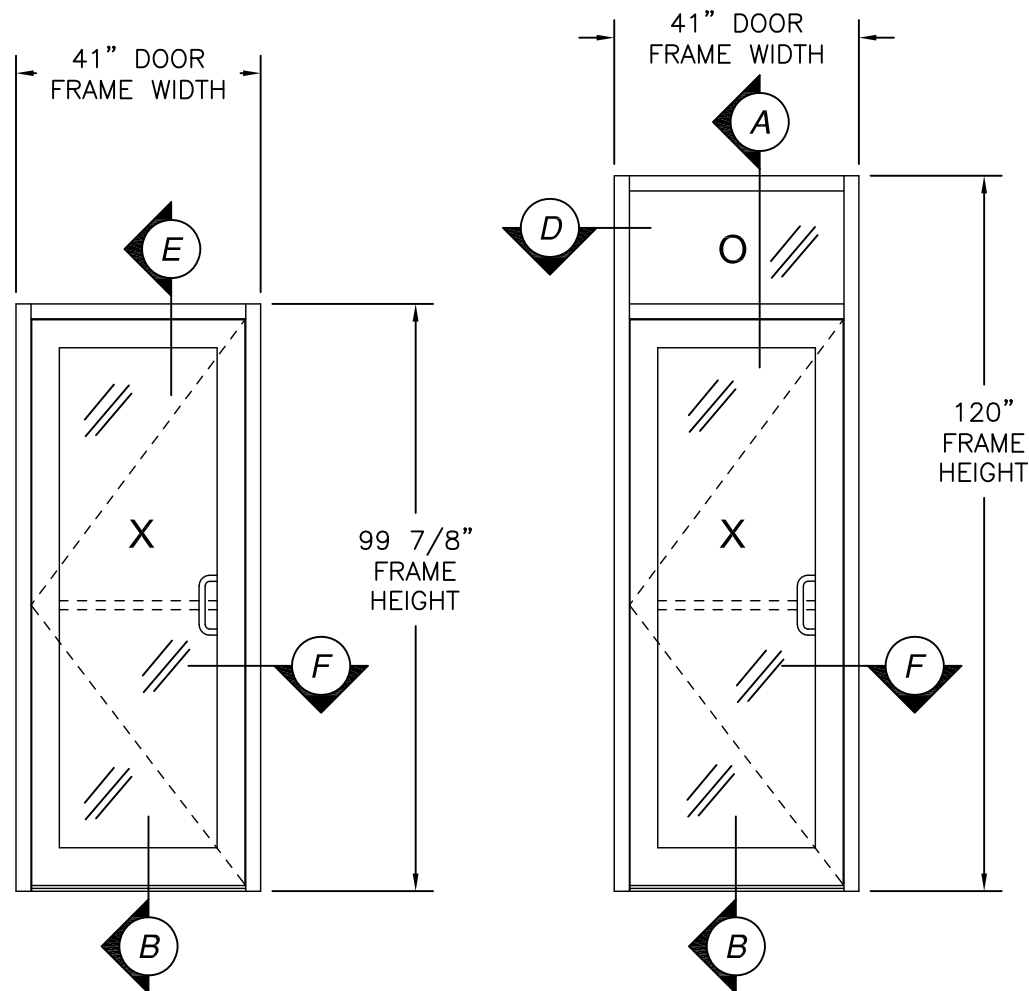
SHEET
2 OF 14

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PROFESSIONAL ENGINEER

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SINGLE

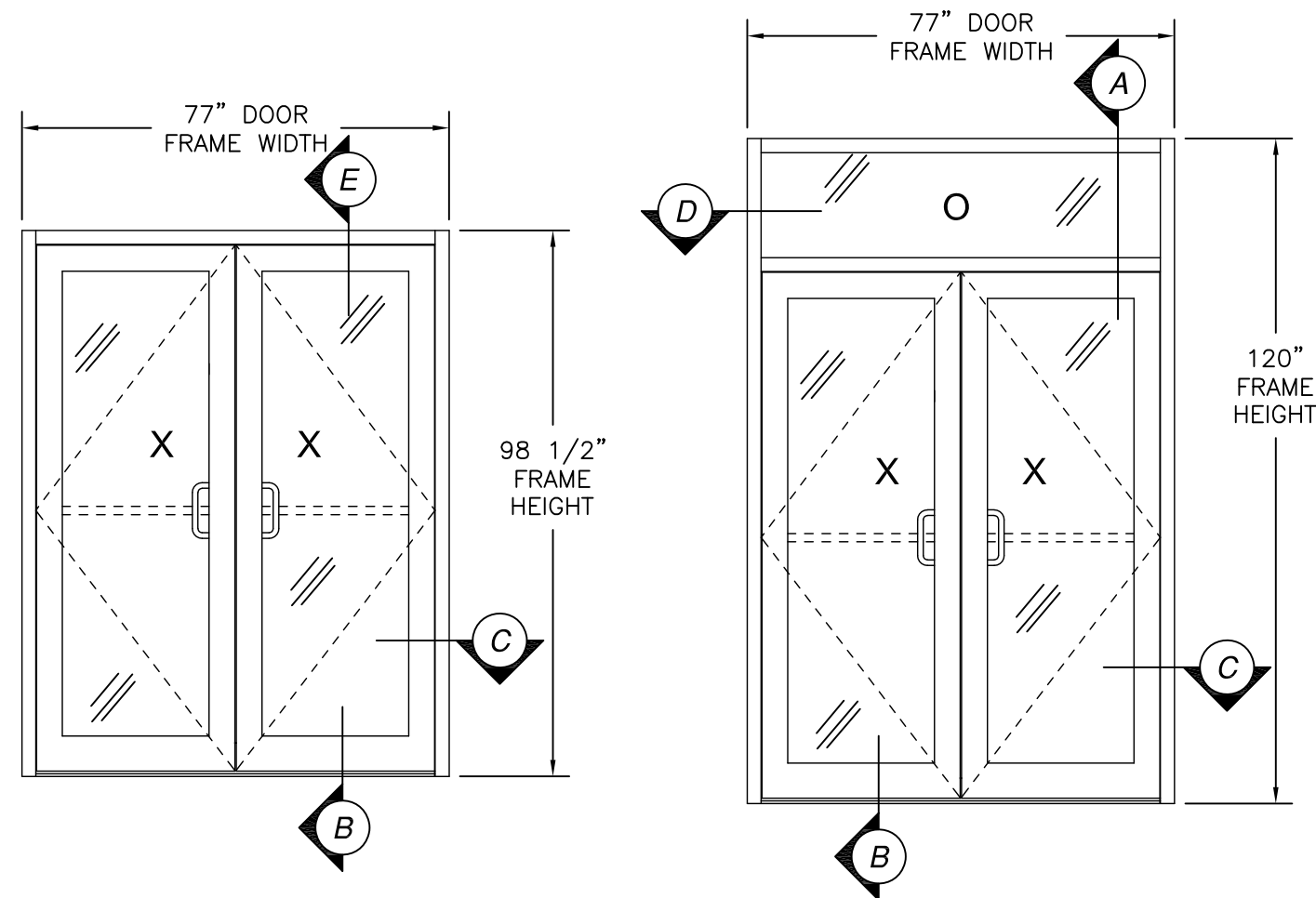
SINGLE W/TRANSOM

INSTALLED WITH WATER THRESHOLD (PARTS #5, #6 AND #33)	
DESIGN PRESSURE RATING	IMPACT RATING
± 65 PSF	NONE

INSTALLED WITH AIR THRESHOLD (PART #7)	
DESIGN PRESSURE RATING	IMPACT RATING
± 65 PSF	NONE
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	80.0	97.5	80.0	92.5	80.0	81.2
84.00	80.0	97.5	80.0	87.1	76.3	76.3
90.00	80.0	96.4	80.0	80.2	70.0	70.0
95.50	80.0	90.0	74.7	74.7	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
± 65 PSF	NONE
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

950 SOLON RD.

WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM NON-IMPACT

ADDITIONAL APPROVED CONFIGURATIONS

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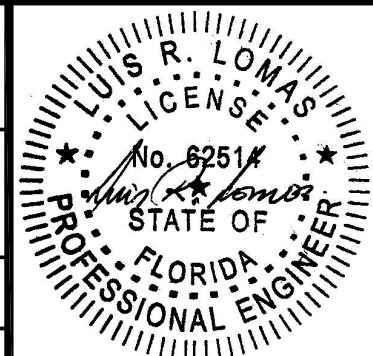
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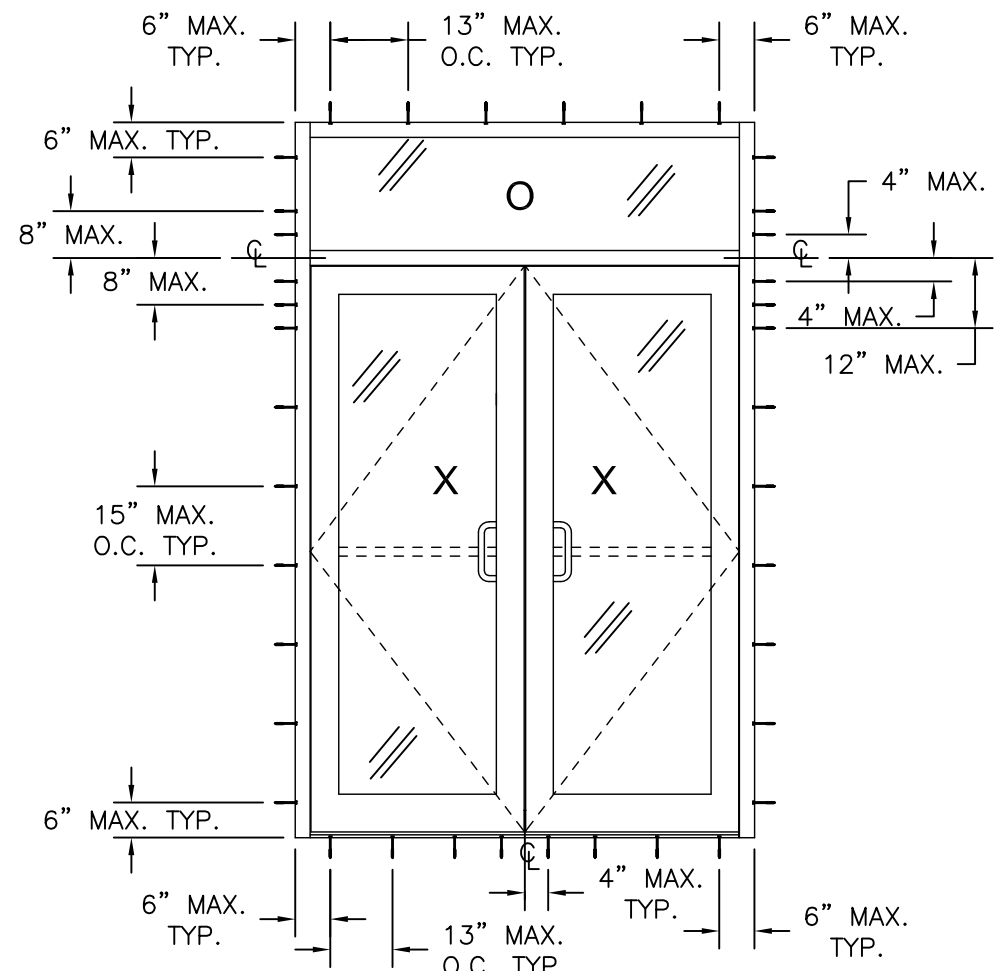
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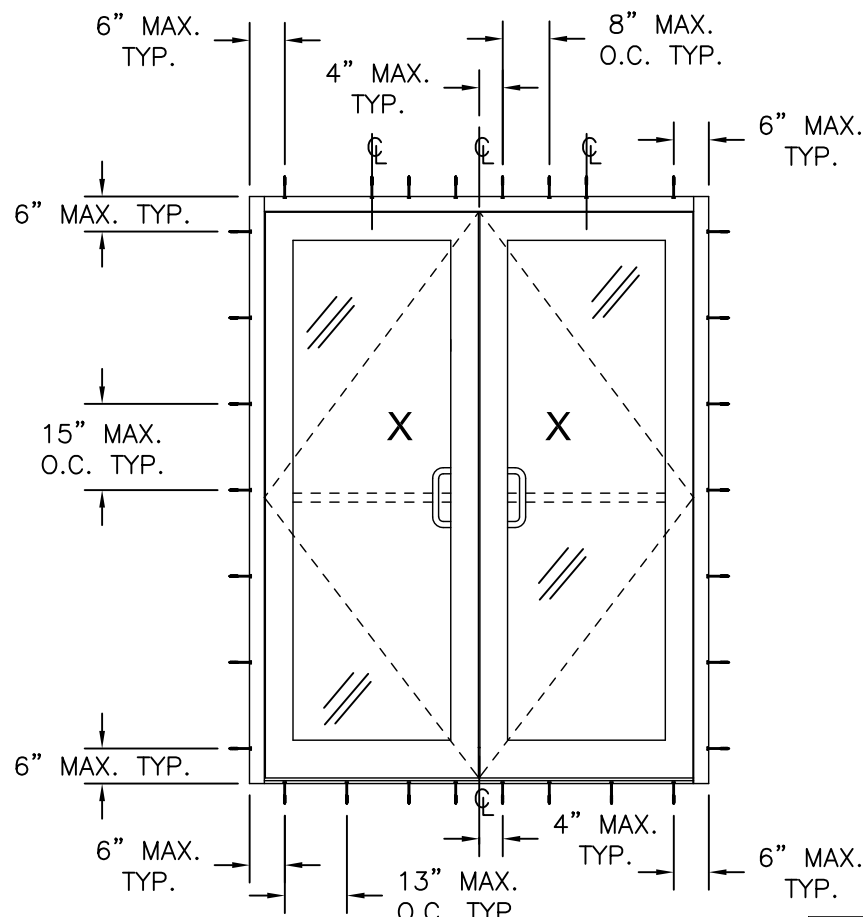
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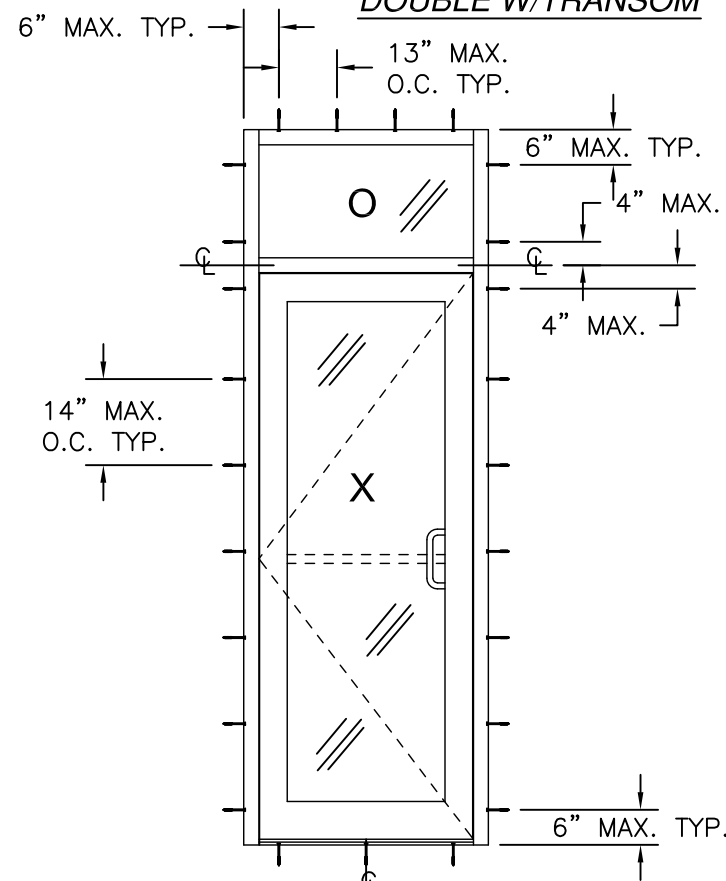
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FL No.: 62514



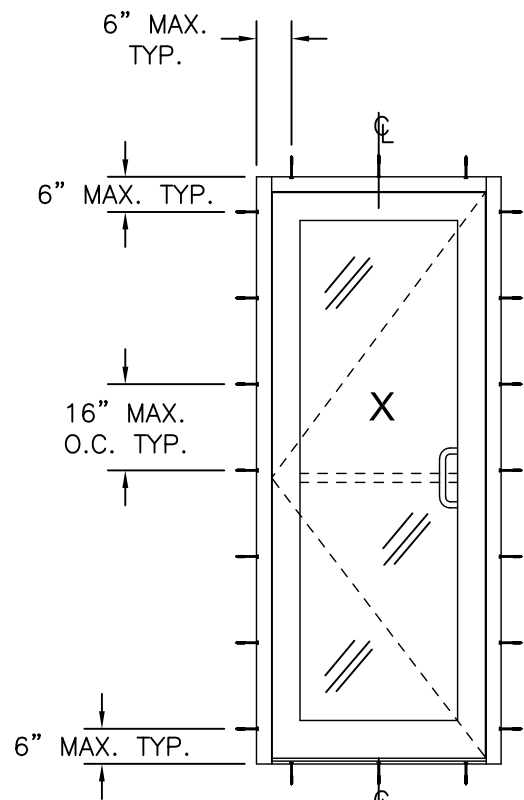
DOUBLE W/TRANSOM



DOUBLE

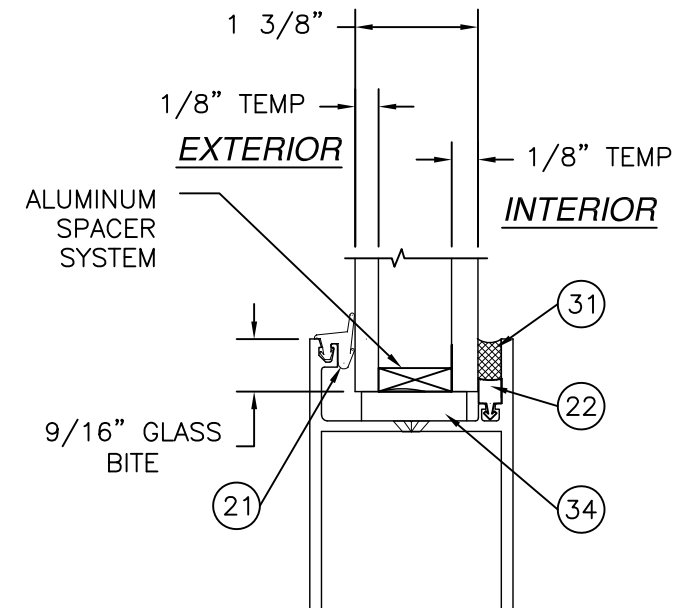


SINGLE W/TRANSOM



SINGLE

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GLAZING DETAIL

Anchors and anchor connectors corrosion resistance chart		
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Exterior - open exposed	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-vented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-unvented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S

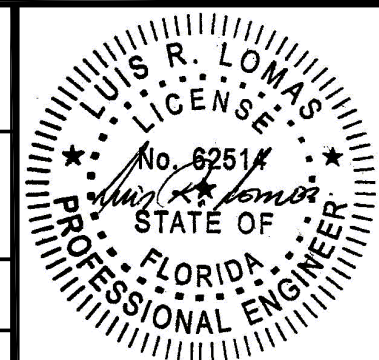
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US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT ANCHORING LAYOUT AND GLAZING DETAIL

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SCALE NTS	DATE 05/08/12	SHEET 4 OF 14

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PARTS LIST										REVISIONS			
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL						REV	DESCRIPTION	DATE	APPROVED
1	BT805	VERTICAL JAMB	US ALUMINUM	ALUMINUM 6063-T5						D	ADDED CORROSION CHART	09/03/26	R.L.
2	IG568	OPTIONAL DOOR HEADER	US ALUMINUM	ALUMINUM 6063-T5									
3	BT852	HEAD MULLION	US ALUMINUM	ALUMINUM 6063-T5									
4		NOT USED			PARTS LIST								
5	BT870	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5	NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL				
6	TH100	BT601 WATER THRESHOLD	US ALUMINUM	ALUMINUM 6063-T5	41	CB802	SHEAR CHANNEL	US ALUMINUM	ALUMINUM 6063-T5				
7	TH821	AIR THRESHOLD	US ALUMINUM	ALUMINUM 6063-T5	42	AHT 8	PANIC BAR	AHT					
8	BT853	DOOR HEADER	US ALUMINUM	ALUMINUM 6063-T5	43	1953A-450	STANDARD LOCKSET	ADAMS RITE					
9	BT804	VERTICAL MULLION FILLER	US ALUMINUM	ALUMINUM 6063-T5	44	4111	CLOSER	LCN					
10	BT862	HORIZONTAL MULLION	US ALUMINUM	ALUMINUM 6063-T5	45	1461	SURFACE CLOSER	LCN					
11	BR863	BT601 GLASS STOP	US ALUMINUM	ALUMINUM 6063-T5	46	20-330	OHCC CLOSER	JACKSON					
12	BR847	DOOR STOP ADAPTER	US ALUMINUM	ALUMINUM 6063-T5	47	2030	OHCC CLOSER	LCN					
13	EC870	END DAM	US ALUMINUM	A-245	48	CL045	SURFACE CLOSER	CR LAWRENCE					
14	BT867	HORIZONTAL HEADER	US ALUMINUM	ALUMINUM 6063-T5	49		FLUSH BOLT	US ALUMINUM					
15	IE502	TOP RAIL	US ALUMINUM	ALUMINUM 6063-T5	50		FLUSH BOLT	IVES					
16	BT815	VERTICAL MULLION	US ALUMINUM	ALUMINUM 6063-T5	51		1 1/2" BUTT HINGE PAIR	HAGER					
17	IE150	DOOR GLAZING STOP	US ALUMINUM	ALUMINUM 6063-T5	52	CB901	2 3/8" CORNER BLOCK	US ALUMINUM					
18	BT835	HEAVY DUTY VERTICAL MULL	US ALUMINUM	ALUMINUM 6063-T5	53	ST197	#8 x 3/8" PH SMS						
19	IE501	16500 BOTTOM RAIL	US ALUMINUM	ALUMINUM 6063-T5	54	DN350	AJUSTABLE ASTRAGAL	US ALUMINUM	ALUMINUM 6063-T5				
20	NP801	DOOR WEATHERSTRIP	US ALUMINUM		55		NOT USED						
21	NP225	TOP LOAD GASKET	US ALUMINUM	EPDM 60 DURO	56	PROGLAZE SSG	GLAZING COMPOUND	TREMCO	SILICONE				
22	SP250	GLAZING SEAL	US ALUMINUM	SCR	57	SPECTRUM 2	PERIMETER SEAL	TREMCO	SILICONE				
23	BT872	HORIZONTAL SILL	US ALUMINUM	ALUMINUM 6063-T5	58	DOW 795	PERIMETER SEAL	DOW CORNING	SILICONE				
24	SB117	SETTING BLOCK	US ALUMINUM	EPDM 85 DURO	59		3/8" - 16 x 3" HH BOLT						
25	ST266	#12 x 1" HWH SMS			60	TC900	11GA. THRESHOLD CLIP	US ALUMINUM	COLD ROLLED STEEL				
26	ST268	#12 x 3/4" HWH SMS			61		#12-24 x 1/4" SCREW						
27		NOT USED			62	H-61239	VERTICAL MULLION	US ALUMINUM	ALUMINUM 6063-T5				
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 DURO									
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										

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STOREFRONT DOOR SYSTEM NON-IMPACT
BILL OF MATERIALS

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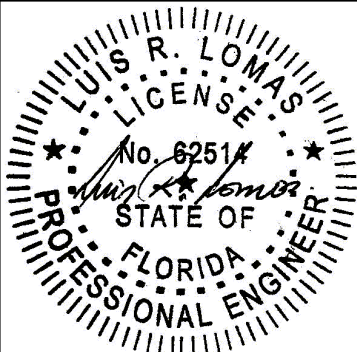
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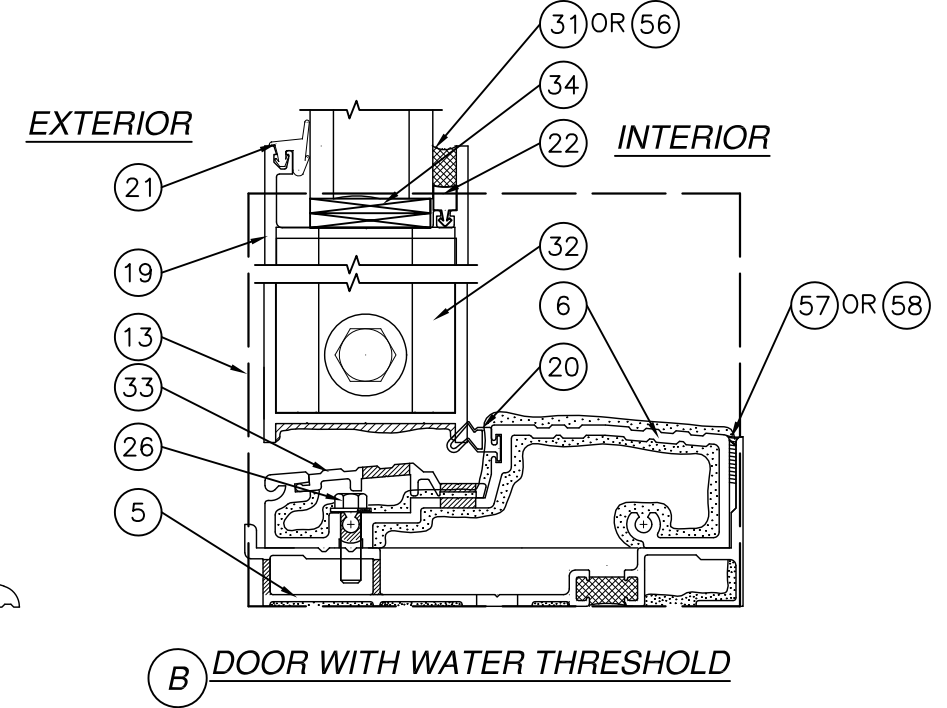
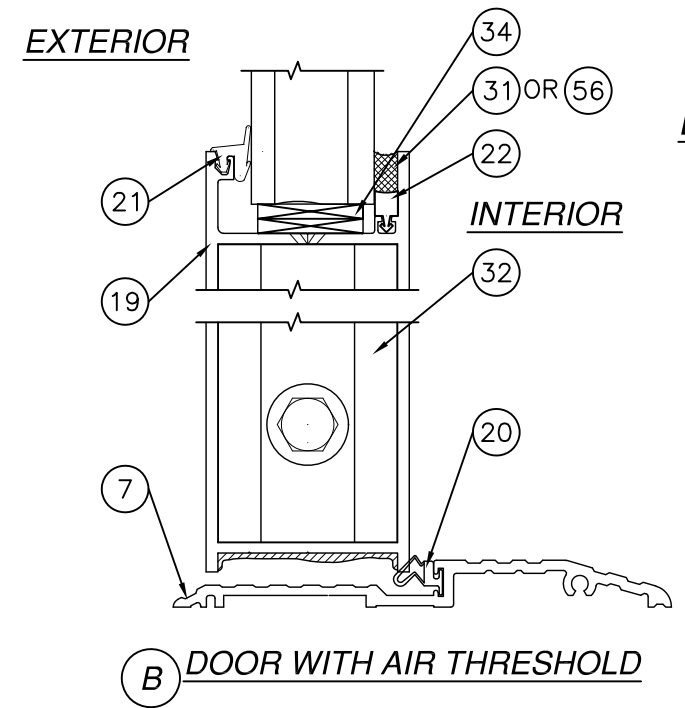
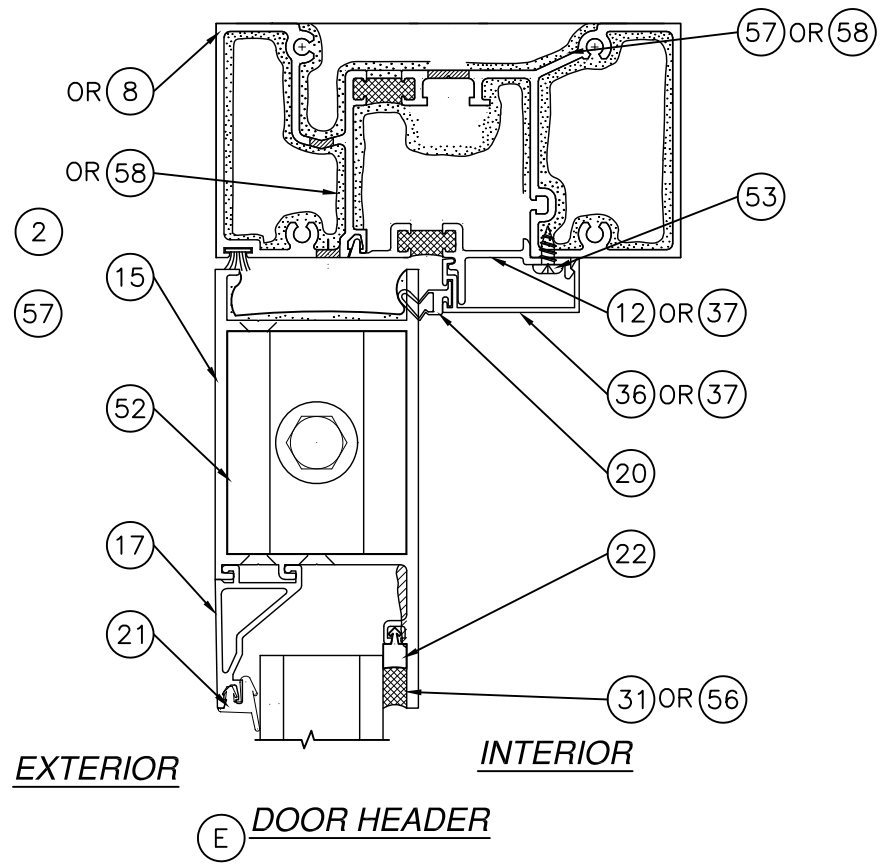
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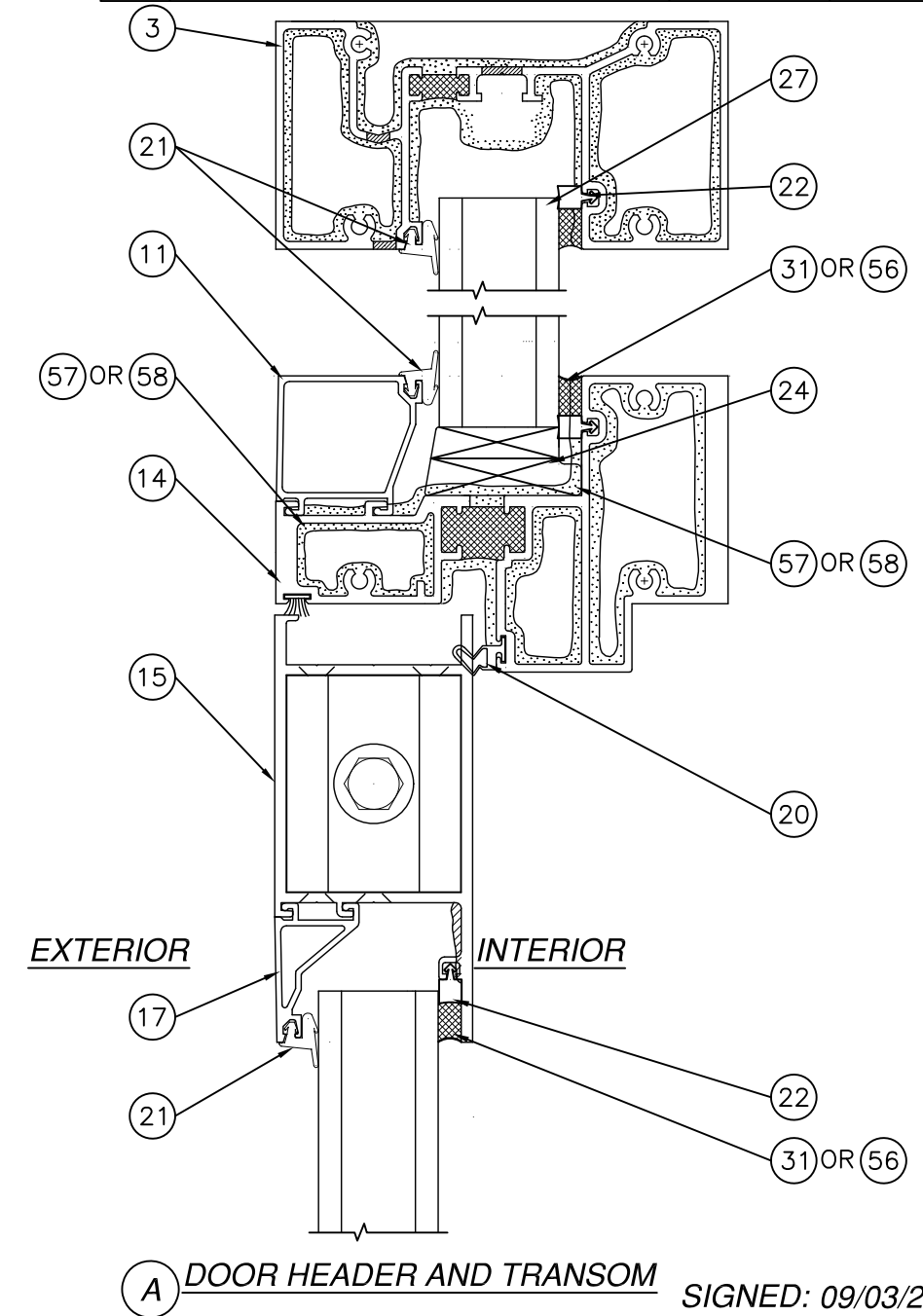


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NOTE: FOR ANCHORING TO
SUBSTRATE SEE SHEETS
8 THRU 11.



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US ALUMINUM

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WAXAHACHIE, TX 75165

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

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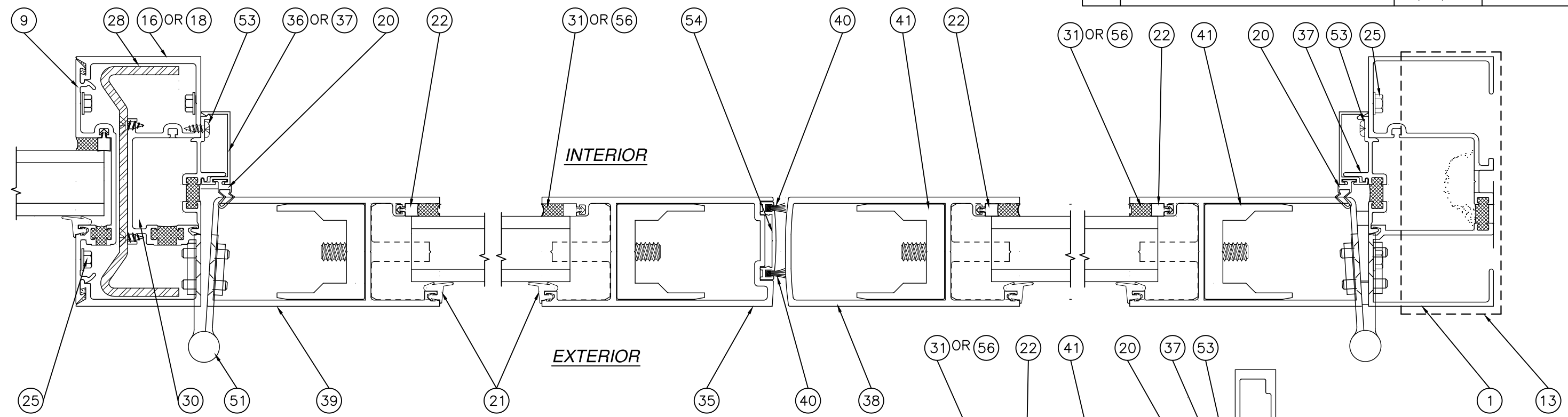
STATE OF FLORIDA

PROFESSIONAL ENGINEER

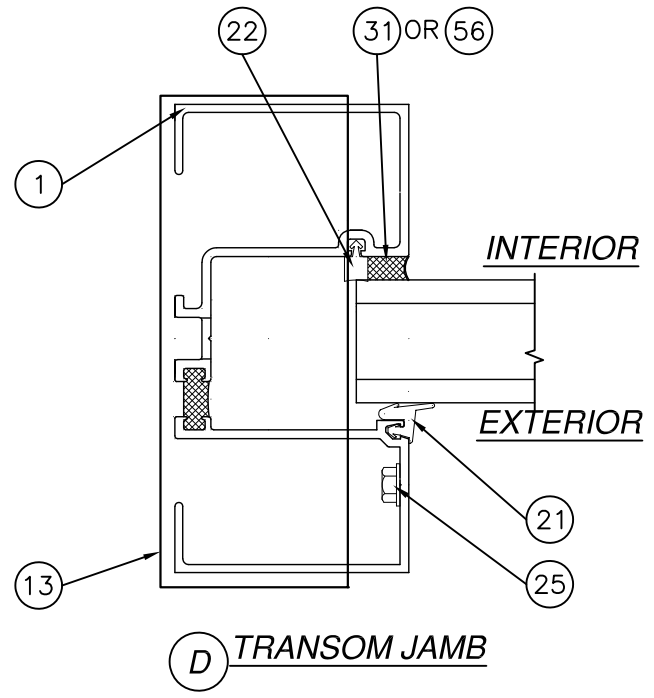
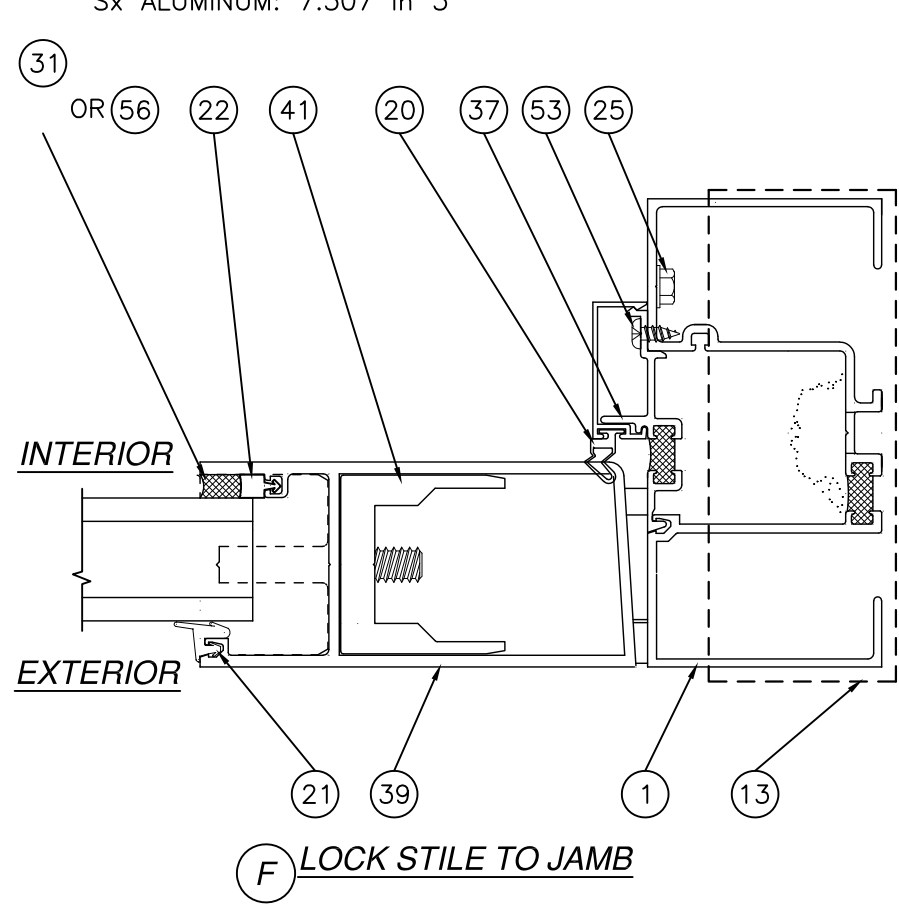
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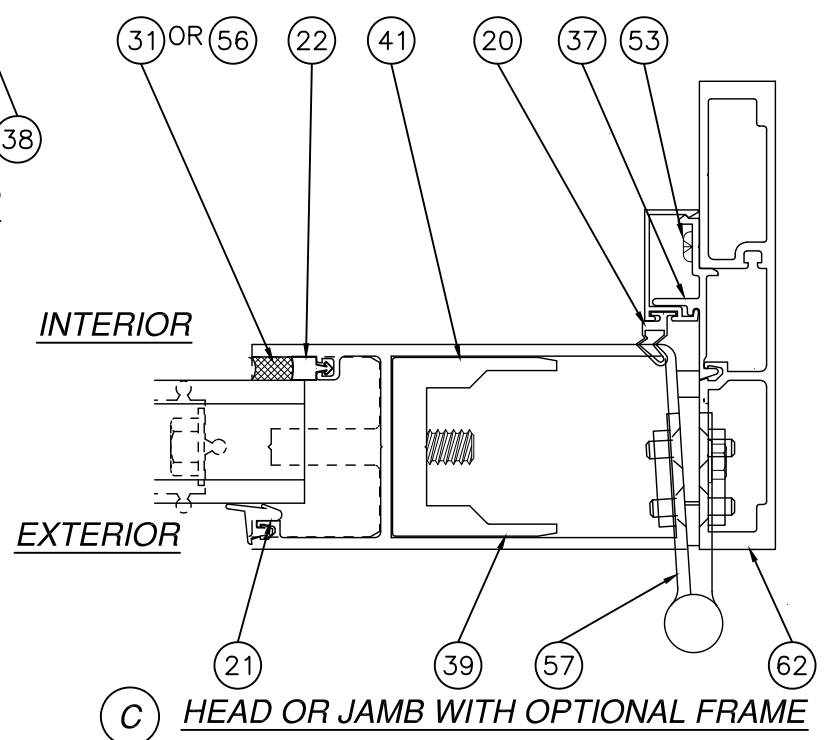
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MULLION ASSEMBLY PROPERTIES
TOTAL Ix (IN TERMS OF ALUMINUM): 18.6538 in⁴
Sx ALUMINUM: 7.307 in³



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SHEET 7 OF 14

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1 1/2" MIN. EDGE DIST.

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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

BACKER ROD AND
APPROVED SEALANT
BY OTHERS

FASTENER HEADS
MUST BE COVERED
WITH APPROVED
SEALANT

INTERIOR

EXTERIOR

(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

5/8" MIN. EDGE DIST.

(B) AIR THRESHOLD

2X WOOD FRAMING INSTALLATION

SIGNED: 09/03/2026

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

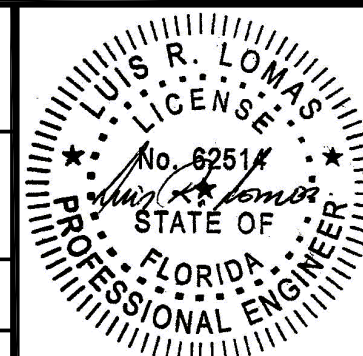
US ALUMINUM

950 SOLON RD.
WAXAHACHIE, TX 75165

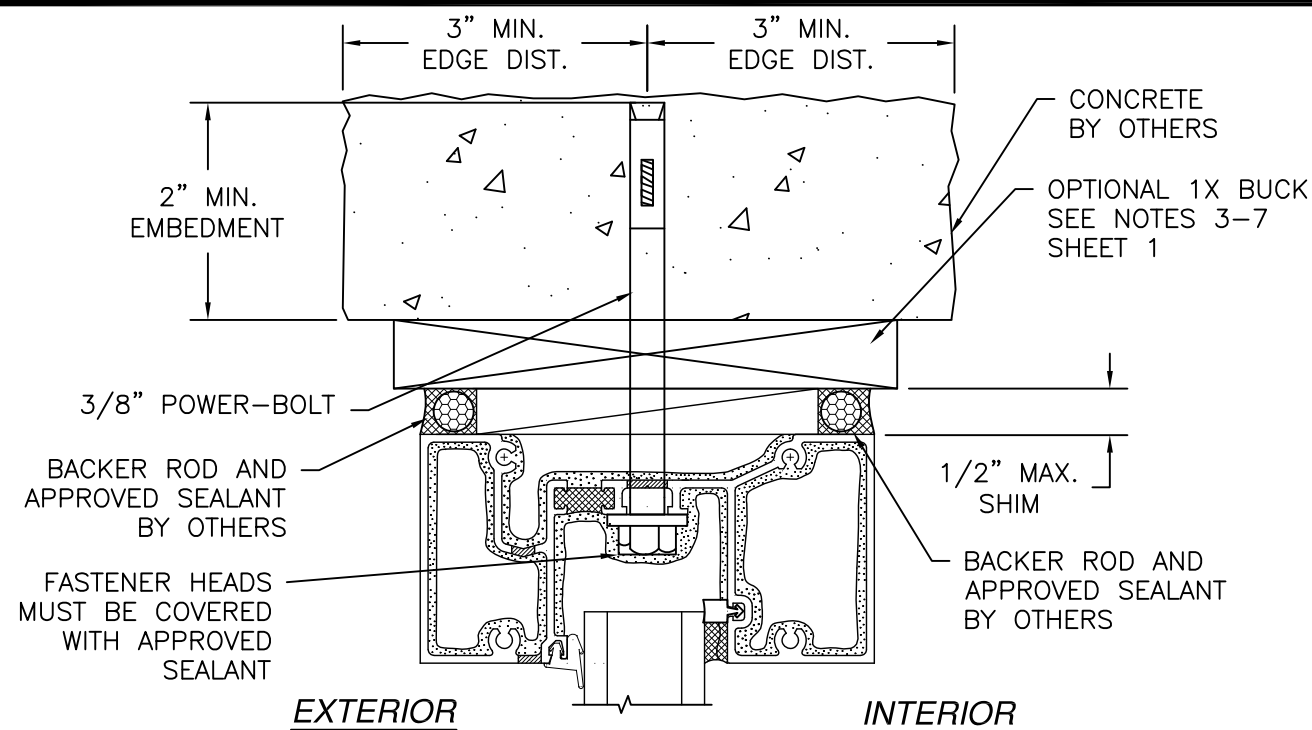
SERIES BT601/IT600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01581	REV D
SCALE NTS	DATE 05/08/12	SHEET 8 OF 14

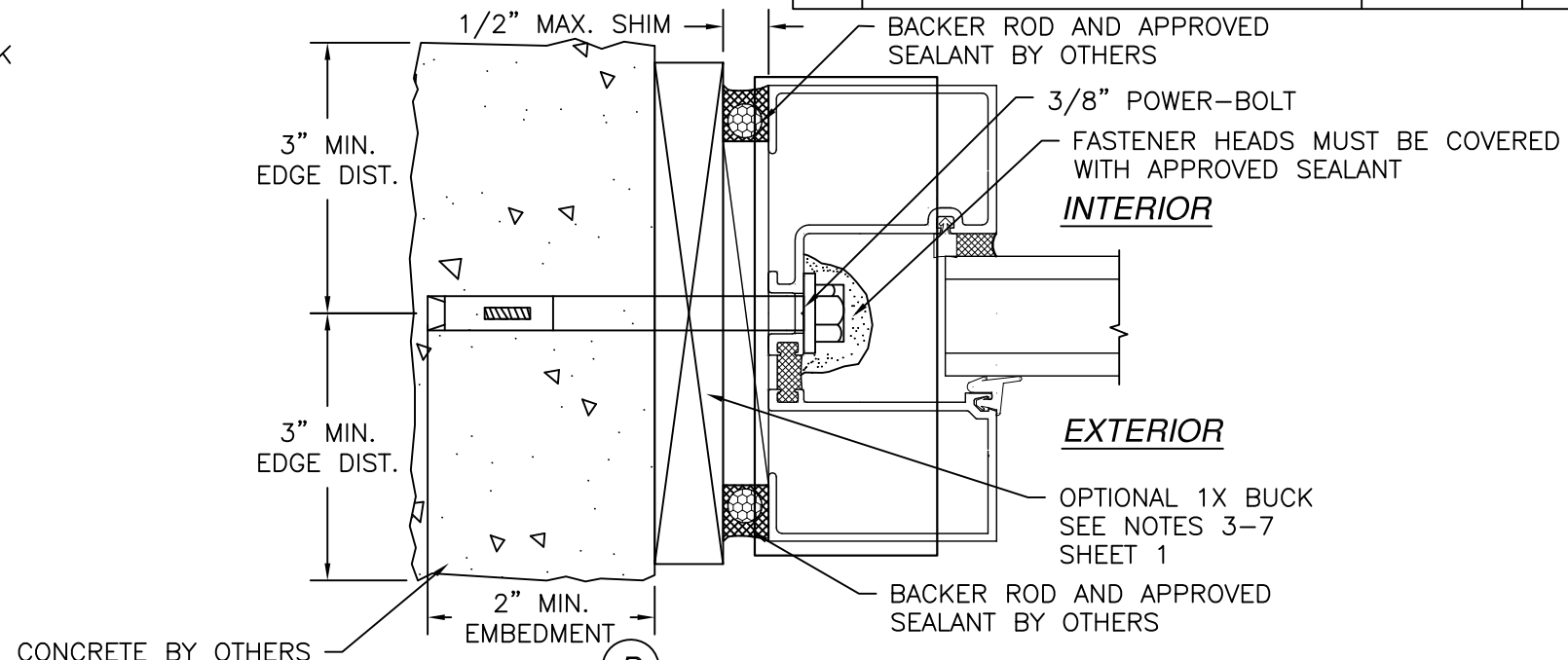
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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

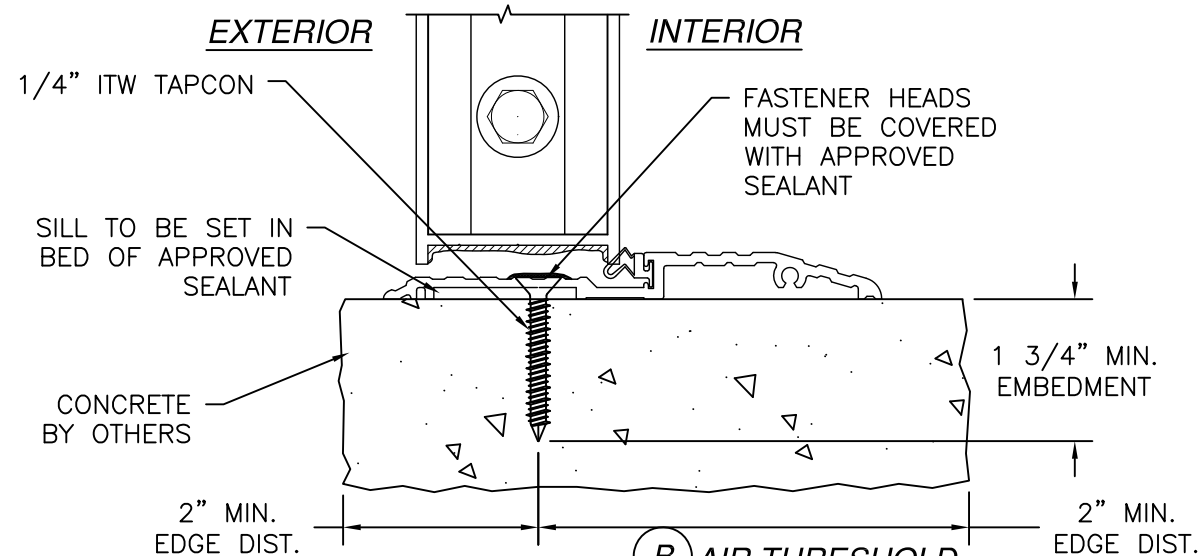


A TRANSOM HEADER
CONCRETE INSTALLATION
DOOR HEADER SIMILAR



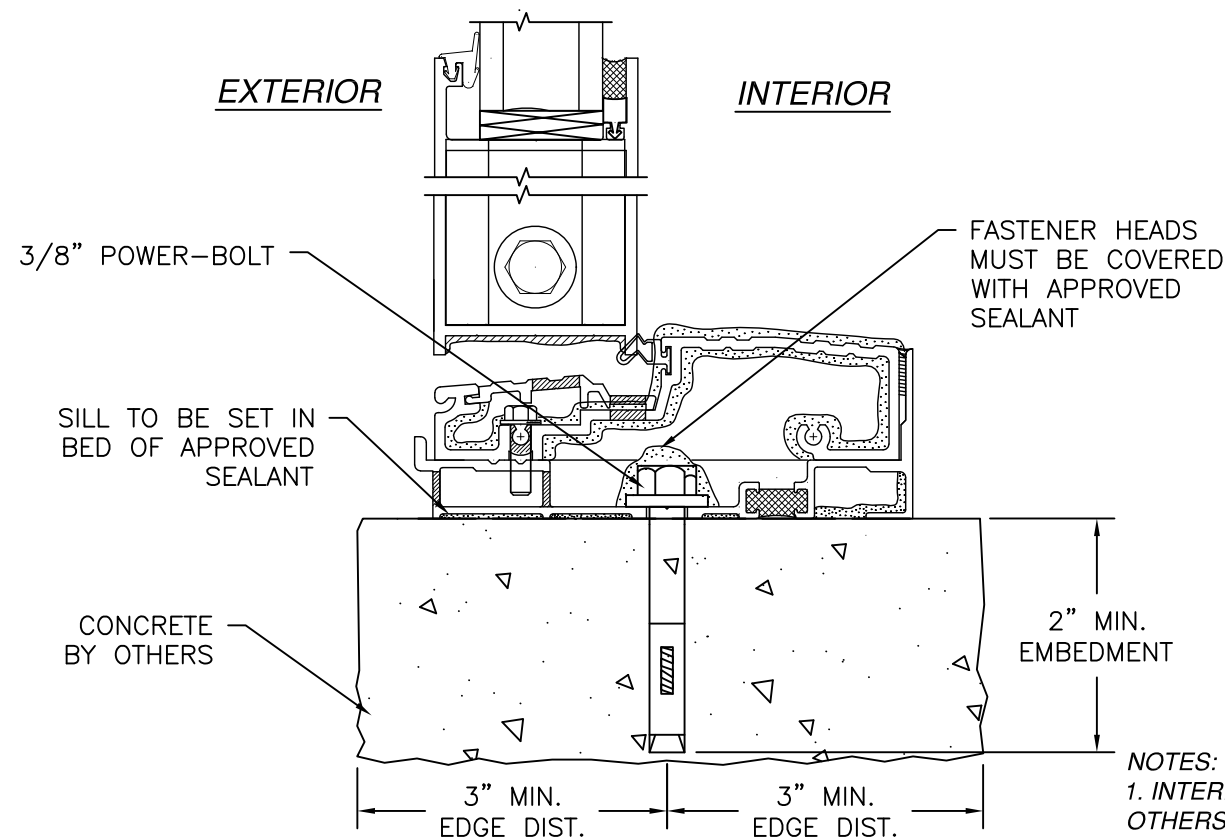
D TRANSOM JAMB

MASONRY/CONCRETE LOCK JAMB AND HINGE JAMB SIMILAR



B AIR THRESHOLD
CONCRETE INSTALLATION

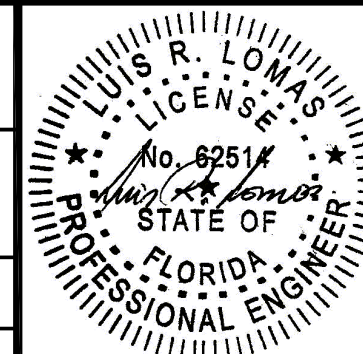
SIGNED: 09/03/2026



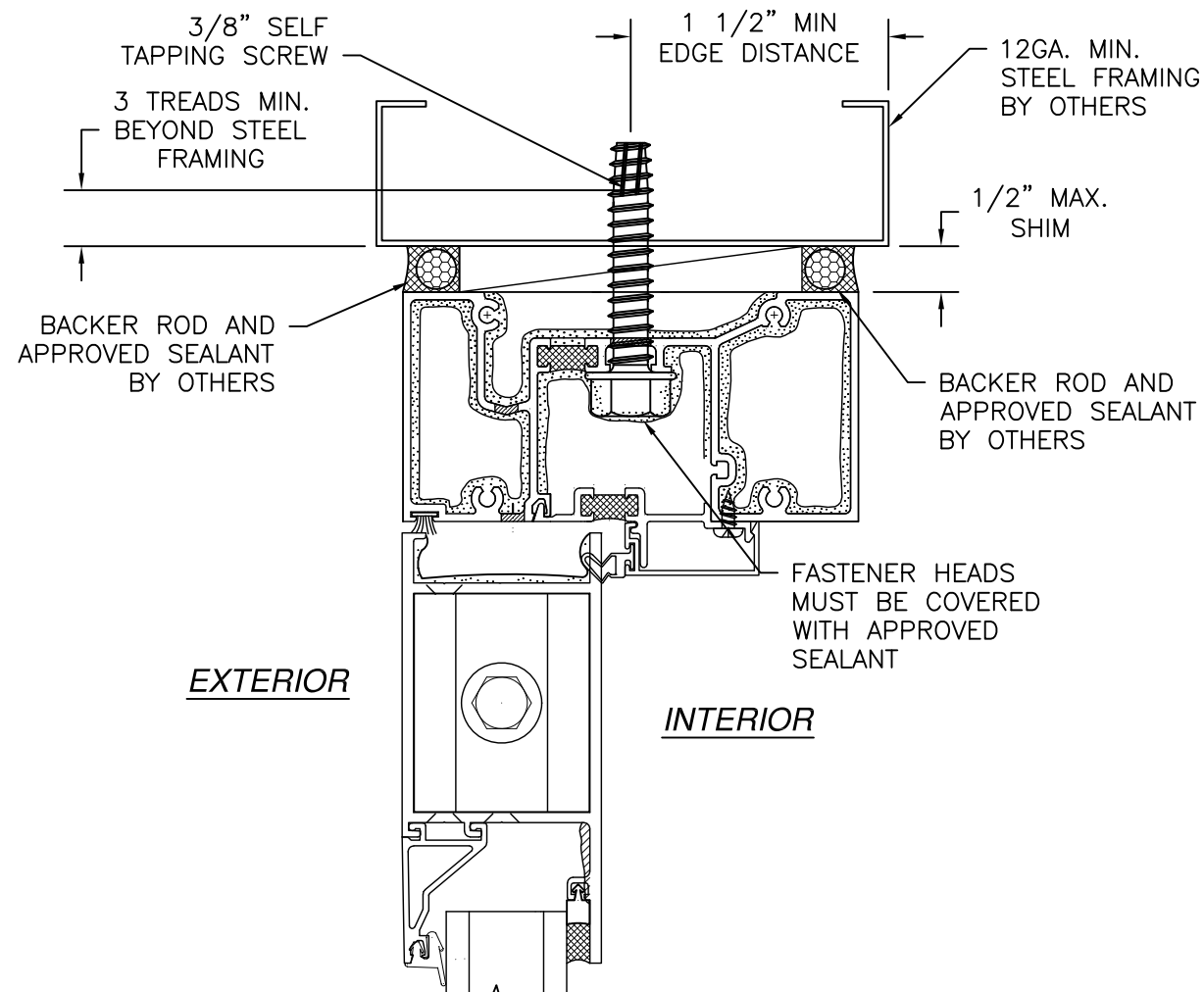
B WATER THRESHOLD
CONCRETE INSTALLATION

NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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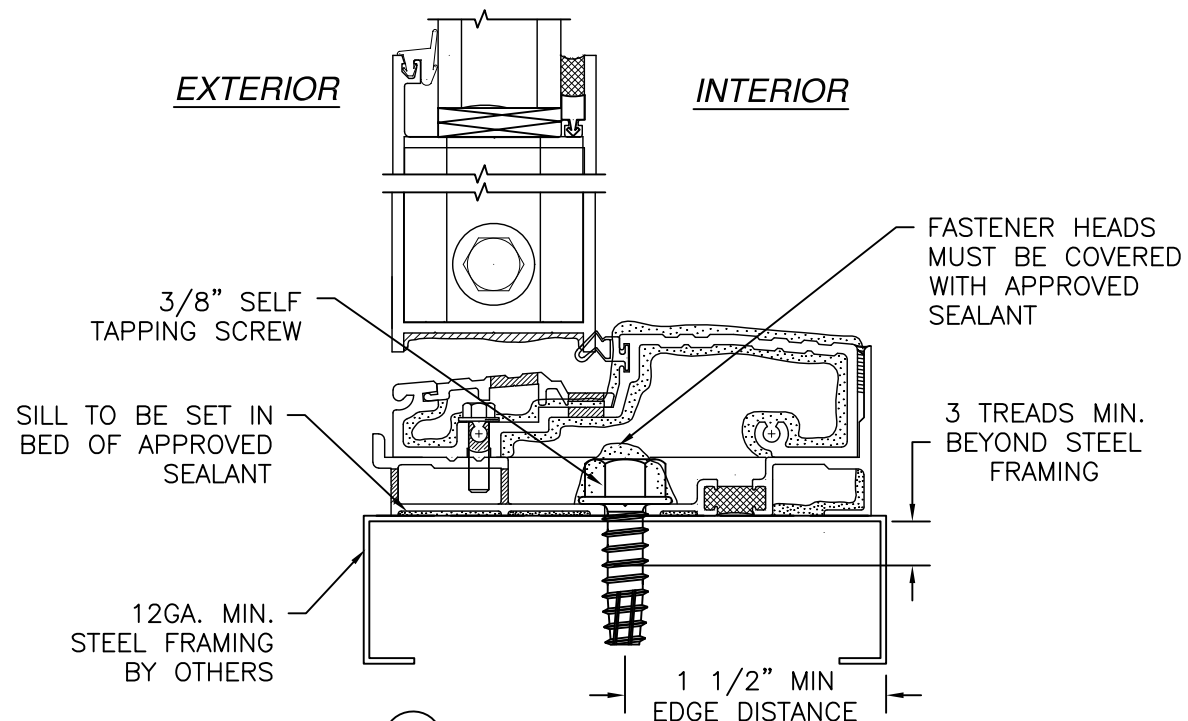
US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-01581	REV D
SCALE NTS	DATE 05/08/12	SHEET 9 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



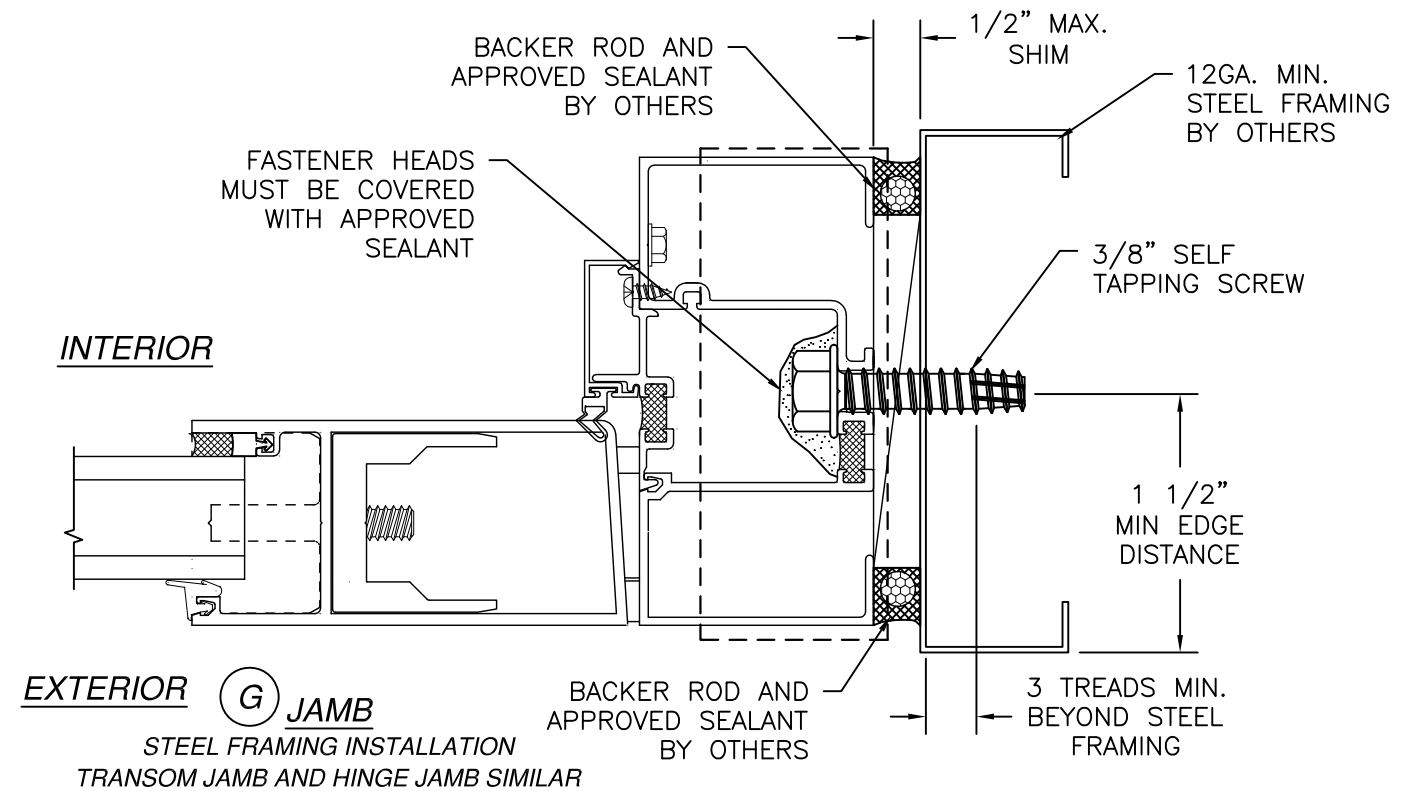
(E) DOOR HEADER
STEEL FRAMING INSTALLATION
TRANSOM HEADER SIMILAR



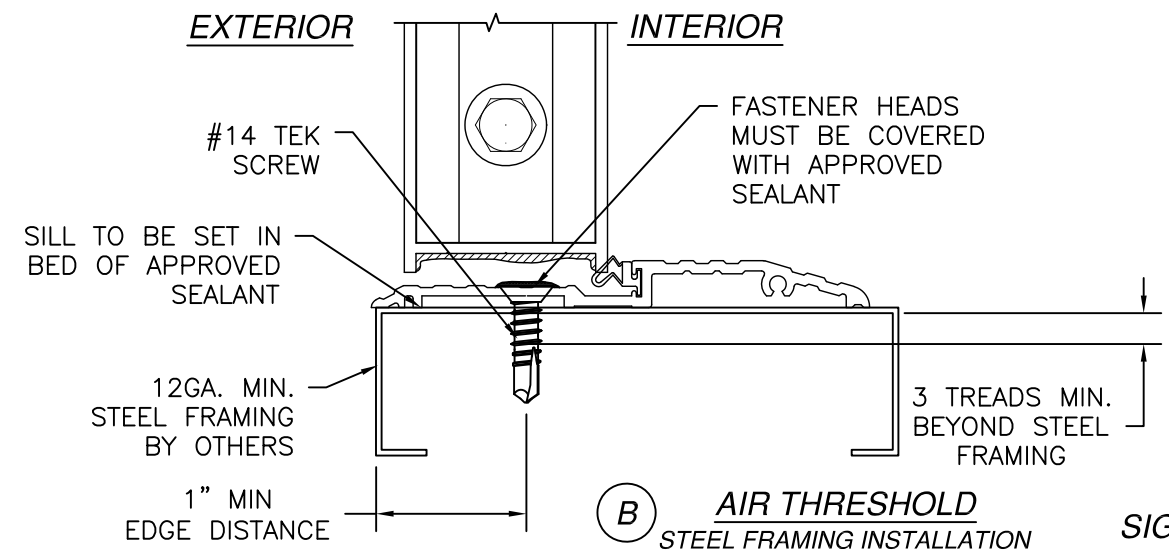
(B) WATER THRESHOLD
STEEL FRAMING INSTALLATION

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.



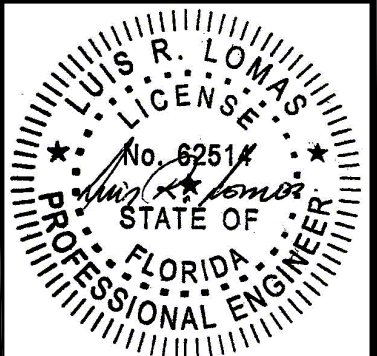
(G) JAMB
STEEL FRAMING INSTALLATION
TRANSOM JAMB AND HINGE JAMB SIMILAR



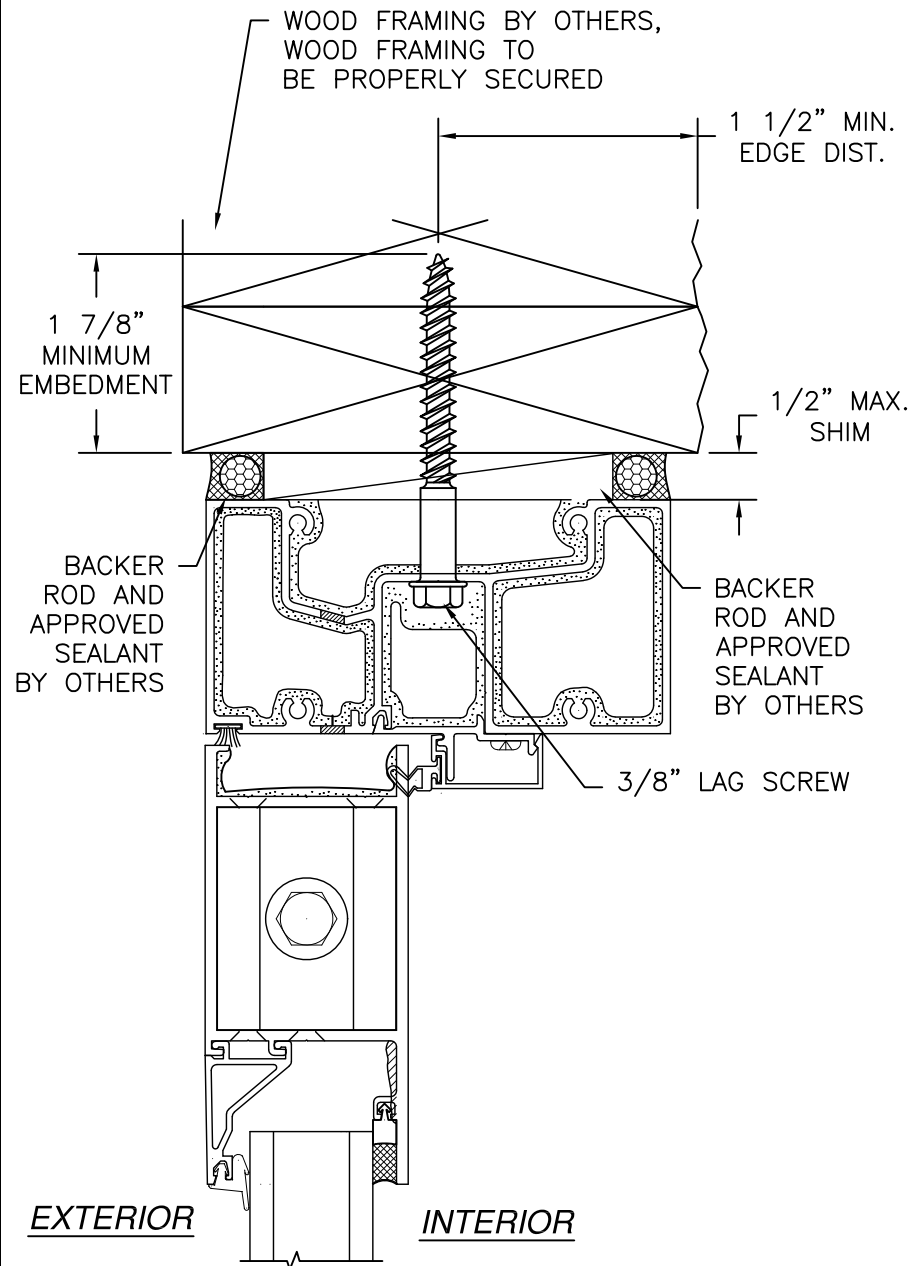
(B) AIR THRESHOLD
STEEL FRAMING INSTALLATION

SIGNED: 09/03/2026

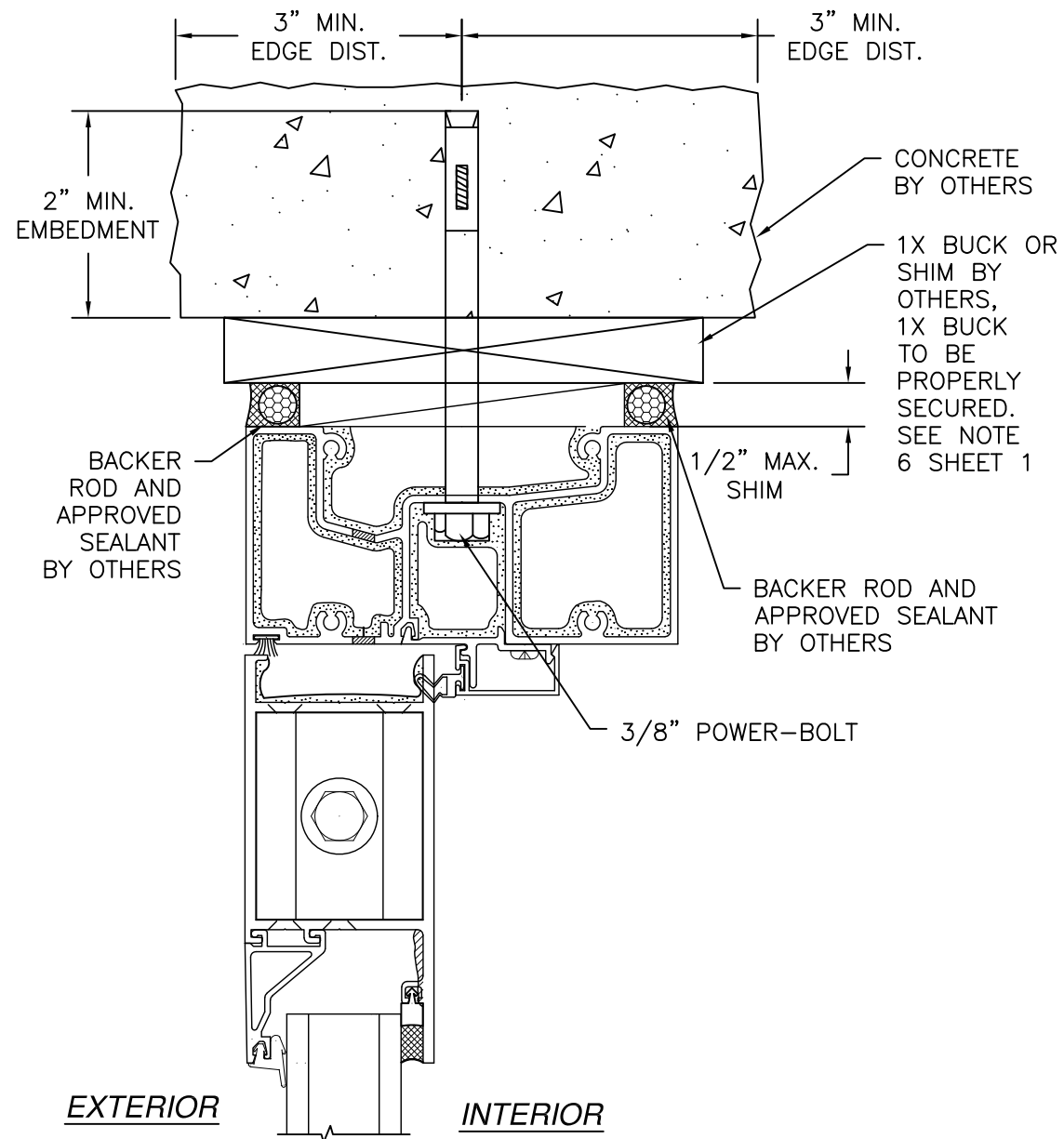
US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-01581	REV D
SCALE NTS	DATE 05/08/12	SHEET 10 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



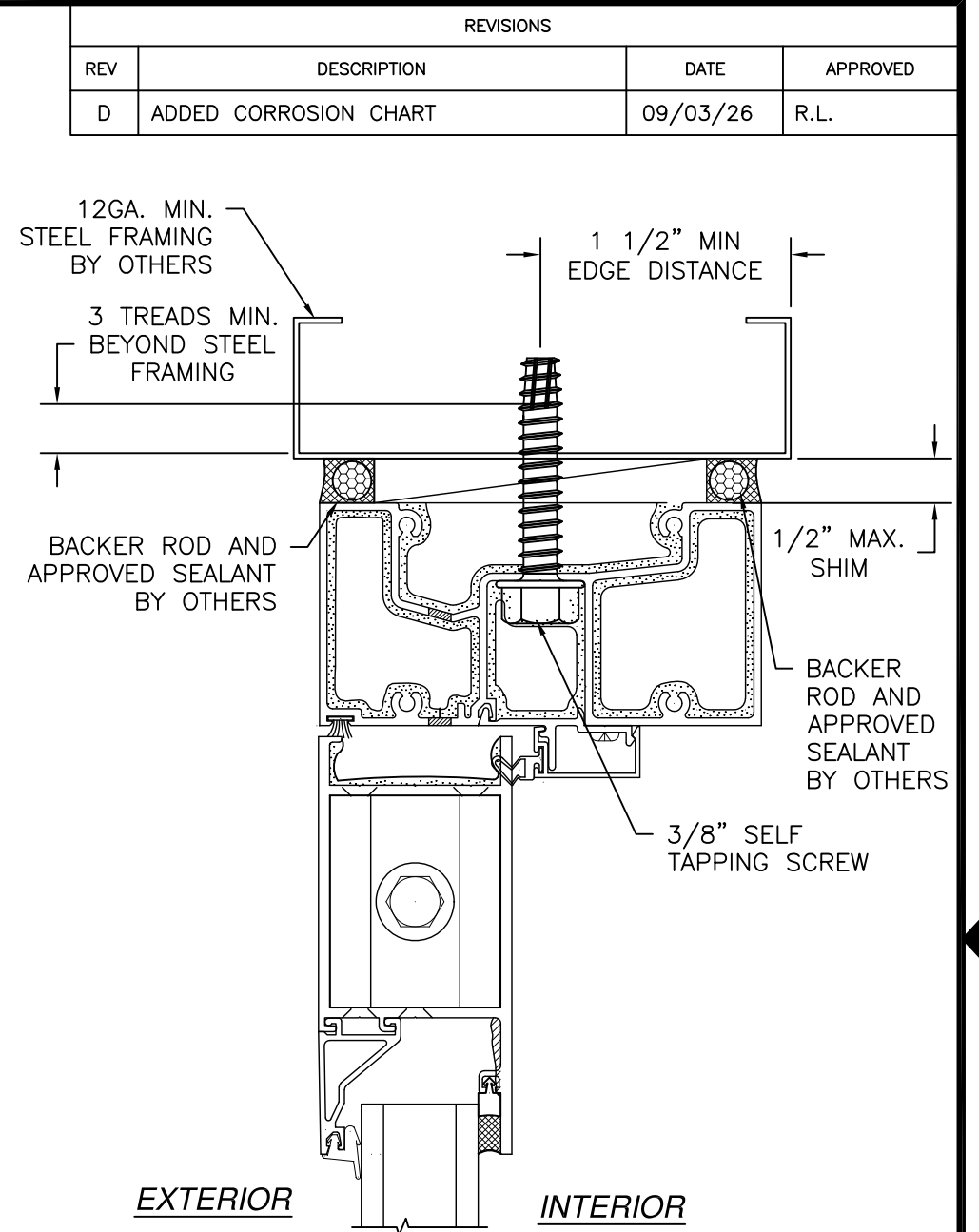
Luis R. Lomas P.E.
FL No.: 62514



(E) OPTIONAL DOOR HEADER
2X INSTALLATION



(E) OPTIONAL DOOR HEADER
CONCRETE INSTALLATION



(E) OPTIONAL DOOR HEADER
STEEL FRAMING INSTALLATION

NOTES:
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.

US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

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

DRAWN:
R.L.

DWG NO.
08-01581

REV
D

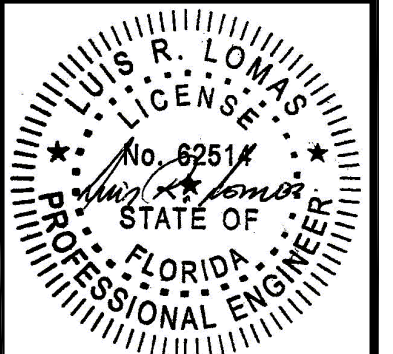
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NTS

DATE
05/08/12

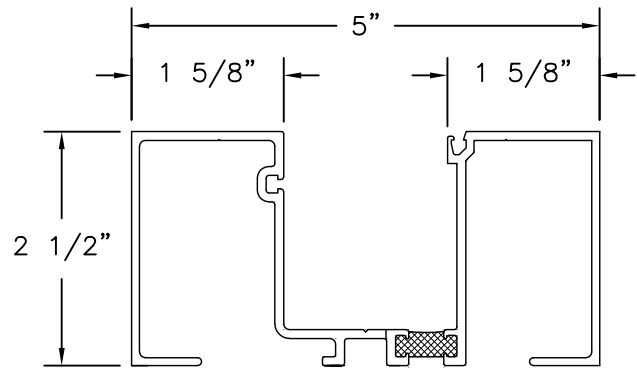
SHEET
11 OF 14

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

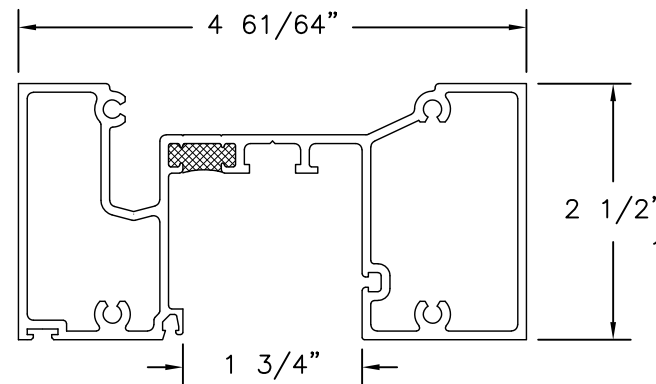
SIGNED: 09/03/2026



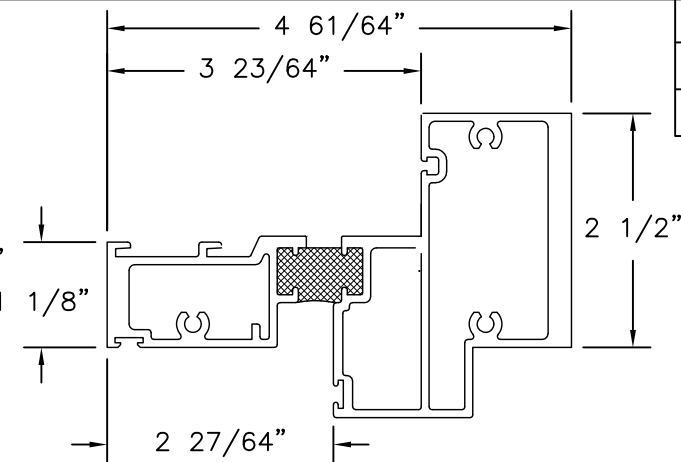
Luis R. Lomas P.E.
FL No.: 62514



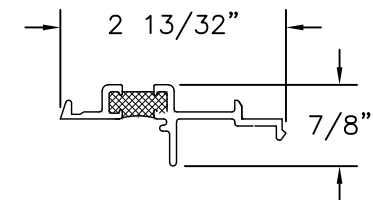
① **VERTICAL JAMB**
EXTRUDED ALUMINUM
6063-T5 .095" THICK



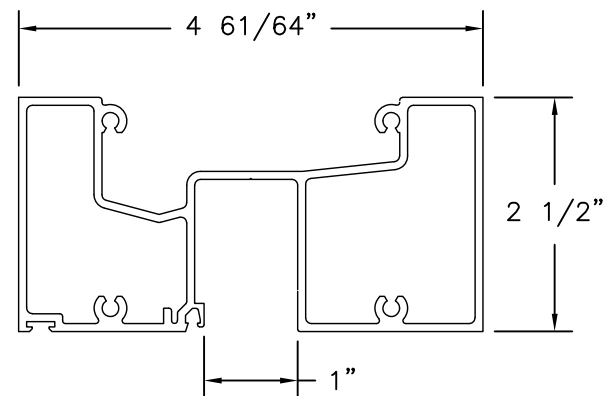
⑧ **DOOR HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



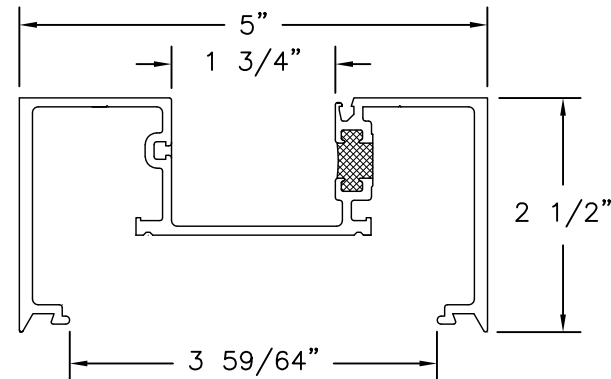
⑭ **HORIZONTAL HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



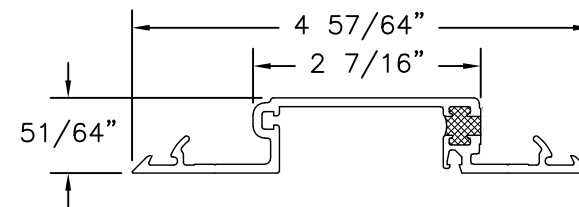
⑫ **DOOR STOP ADAPTER**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



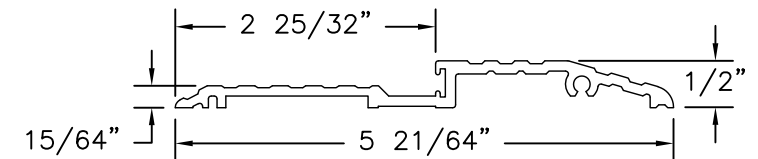
② **OPTIONAL DOOR HEADER**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



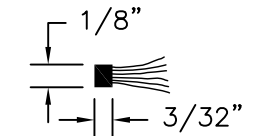
⑯ **VERTICAL MULLION**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



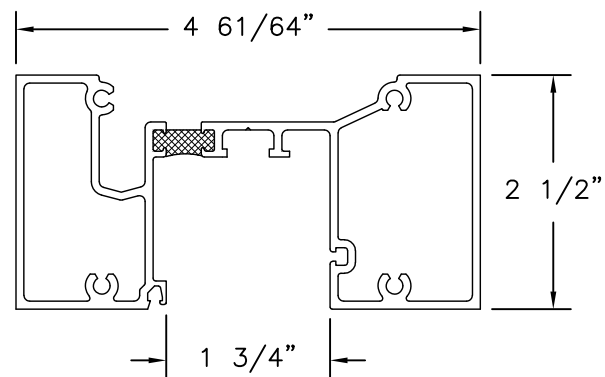
⑨ **VERTICAL MULLION FILLER**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



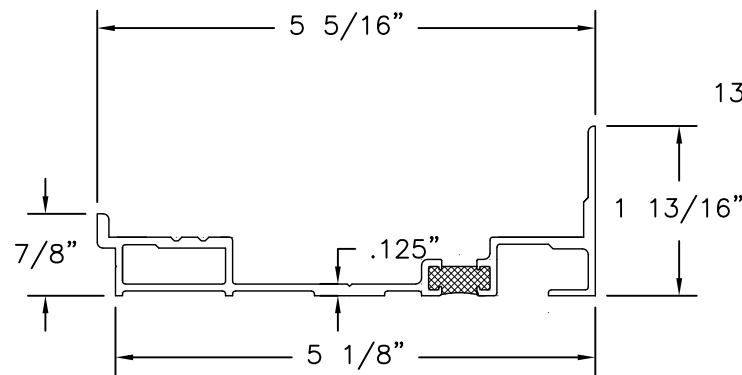
⑦ **AIR THRESHOLD**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



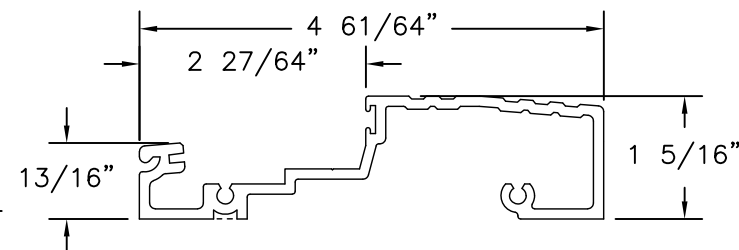
④① **DOOR WEATHERSTRIP**
POLY PILE



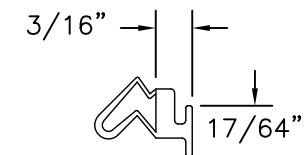
③ **HEAD MULLION**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



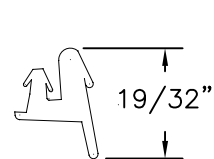
⑤ **SUB SILL**
EXTRUDED ALUMINUM 6063-T5 .075" THICK



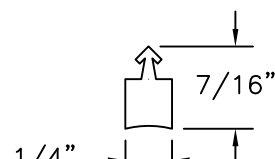
⑥ **WATER THRESHOLD**
EXTRUDED ALUMINUM 6063-T5 .109" THICK



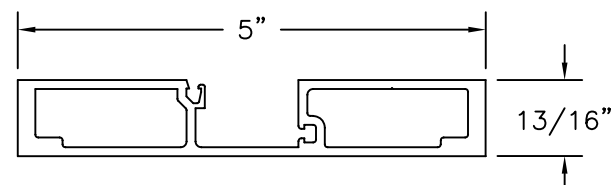
②① **DOOR WEATHERSTRIP**
VINYL



②① **TOP LOAD GASKET**
EDPM 60 DUROMETER



②② **GLAZING SEAL**
SCR



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.

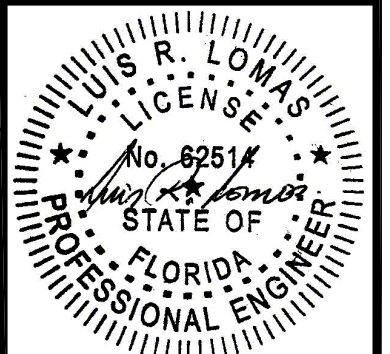
US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

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

DRAWN: R.L.	DWG NO. 08-01581	REV D
SCALE NTS	DATE 05/08/12	SHEET 12 OF 14

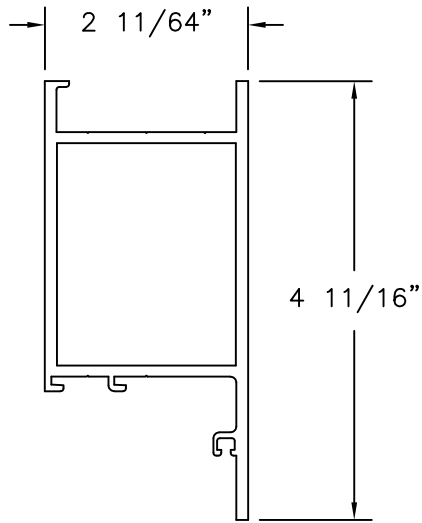
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

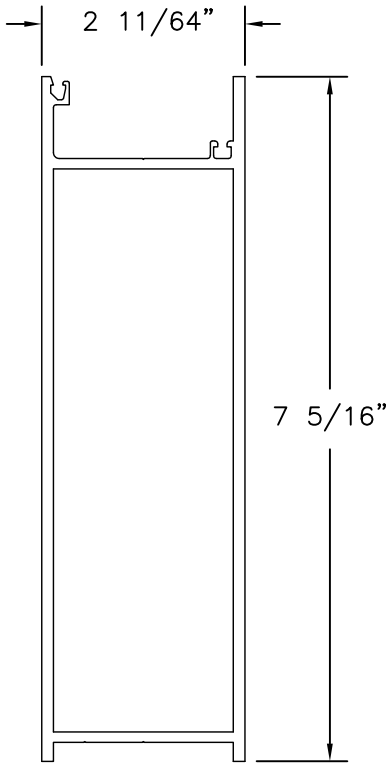


Luis R. Lomas P.E.
FL No.: 62514

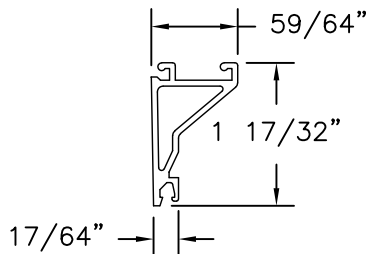
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.



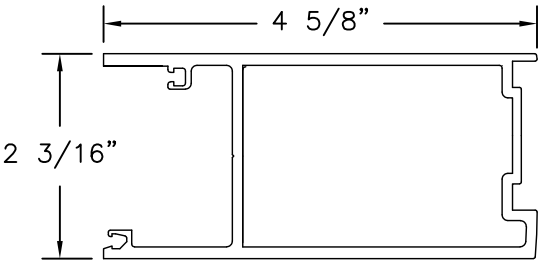
15 **DOOR TOP RAIL**
EXTRUDED ALUMINUM
6063-T5 .125" THICK



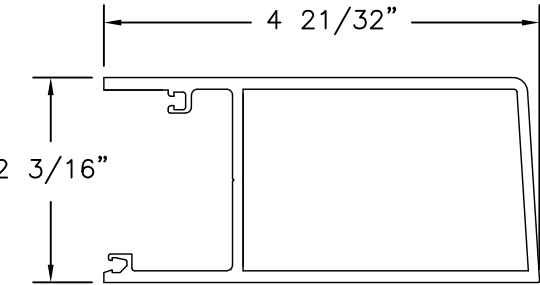
19 **BOTTOM RAIL**
EXTRUDED ALUMINUM
6063-T5 .125" THICK



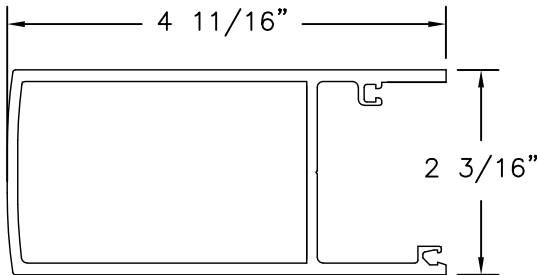
17 **DOOR GLAZING STOP**
EXTRUDED ALUMINUM
6063-T5 .062" THICK



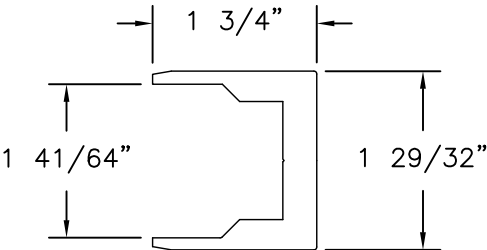
35 **INACTIVE STILE**
EXTRUDED ALUMINUM
6063-T5 .125" THICK



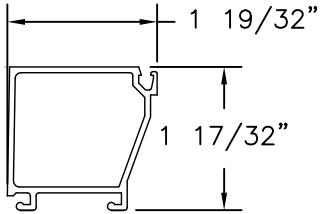
39 **HINGE STILE**
EXTRUDED ALUMINUM
6063-T5 .125" THICK



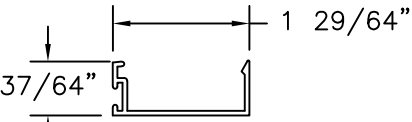
38 **ACTIVE STILE**
EXTRUDED ALUMINUM
6063-T5 .125" THICK



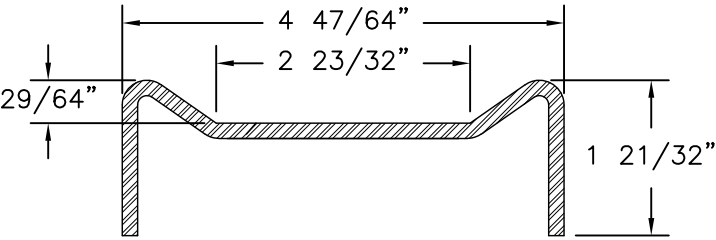
41 **SHEAR CHANNEL**
EXTRUDED ALUMINUM
6063-T5 .363" THICK



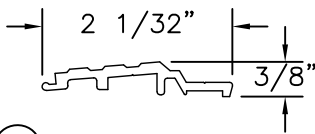
11 **GLASS STOP**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



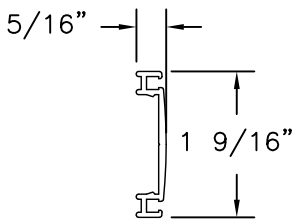
36 **DOOR STOP**
EXTRUDED ALUMINUM
6063-T5 .050" THICK



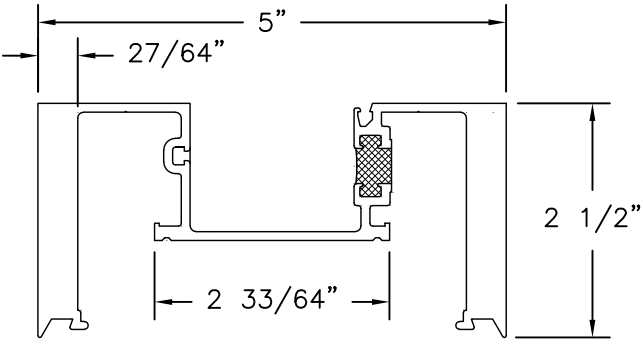
28 **STEEL STIFFENER HEAVY**
FORMED 8GA. A36 MILD STEEL



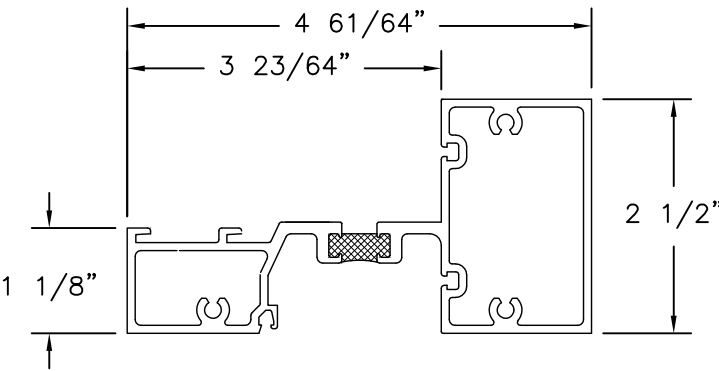
33 **HP WATER THRESHOLD INSERT**
EXTRUDED ALUMINUM
6063-T5 .090" THICK



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

SIGNED: 09/03/2026

US ALUMINUM

950 SOLON RD.
WAXAHACHIE, TX 75165

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

DRAWN: R.L.

DWG NO. 08-01581

REV D

SCALE NTS

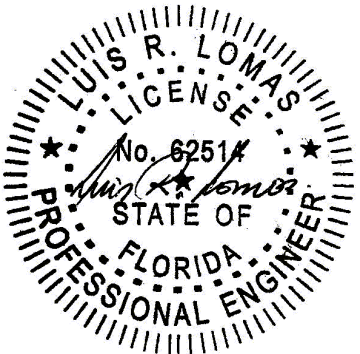
DATE 05/08/12

SHEET 13 OF 14

L. ROBERTO LOMAS P.E.

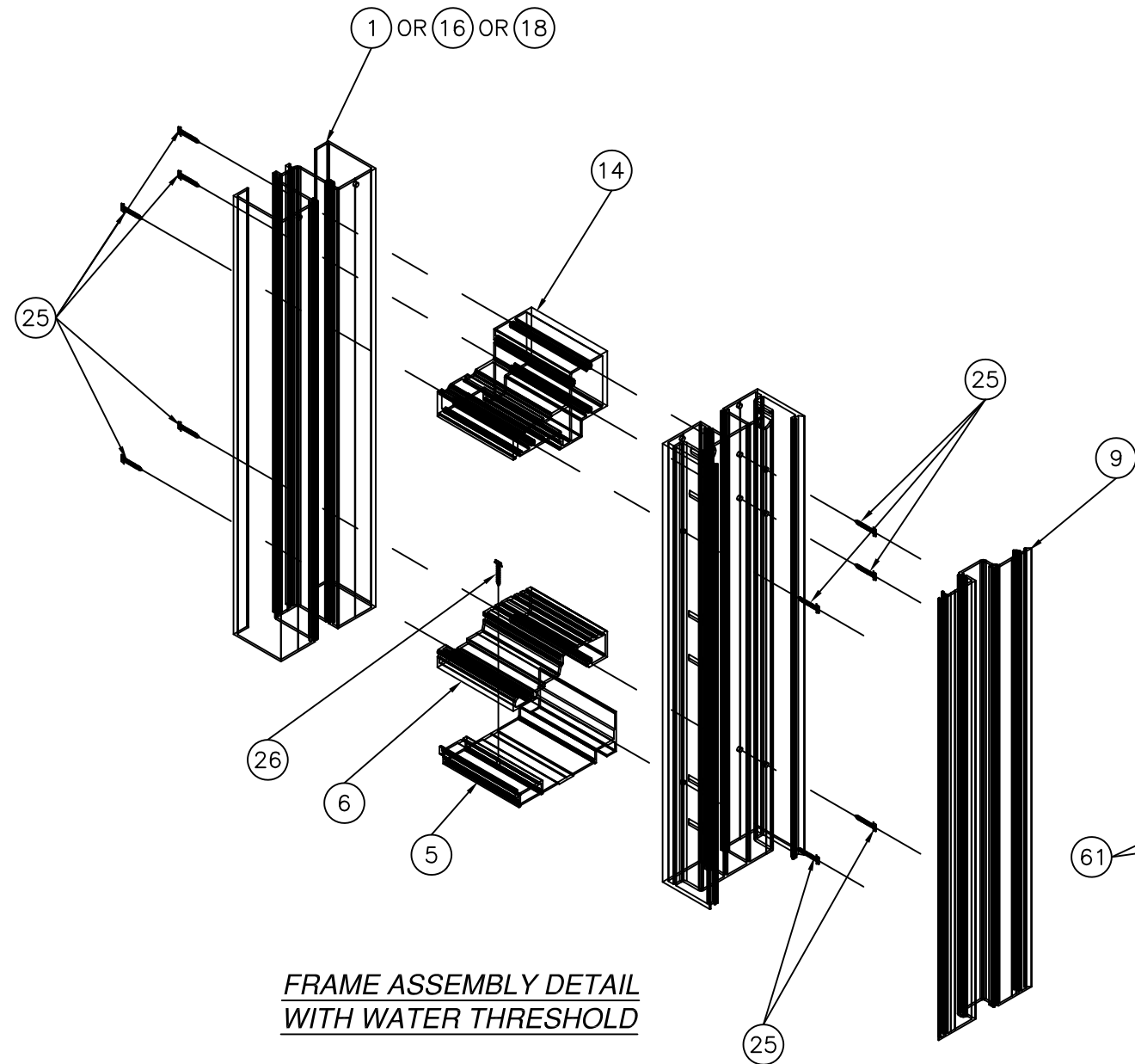
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

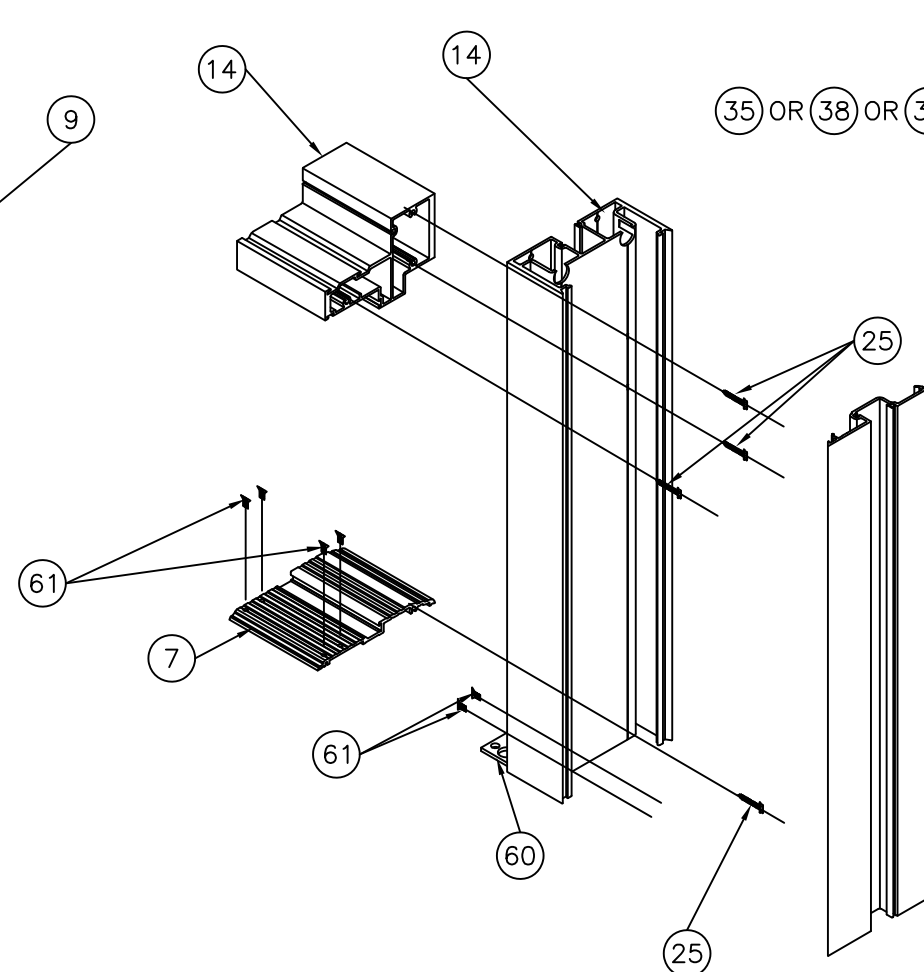


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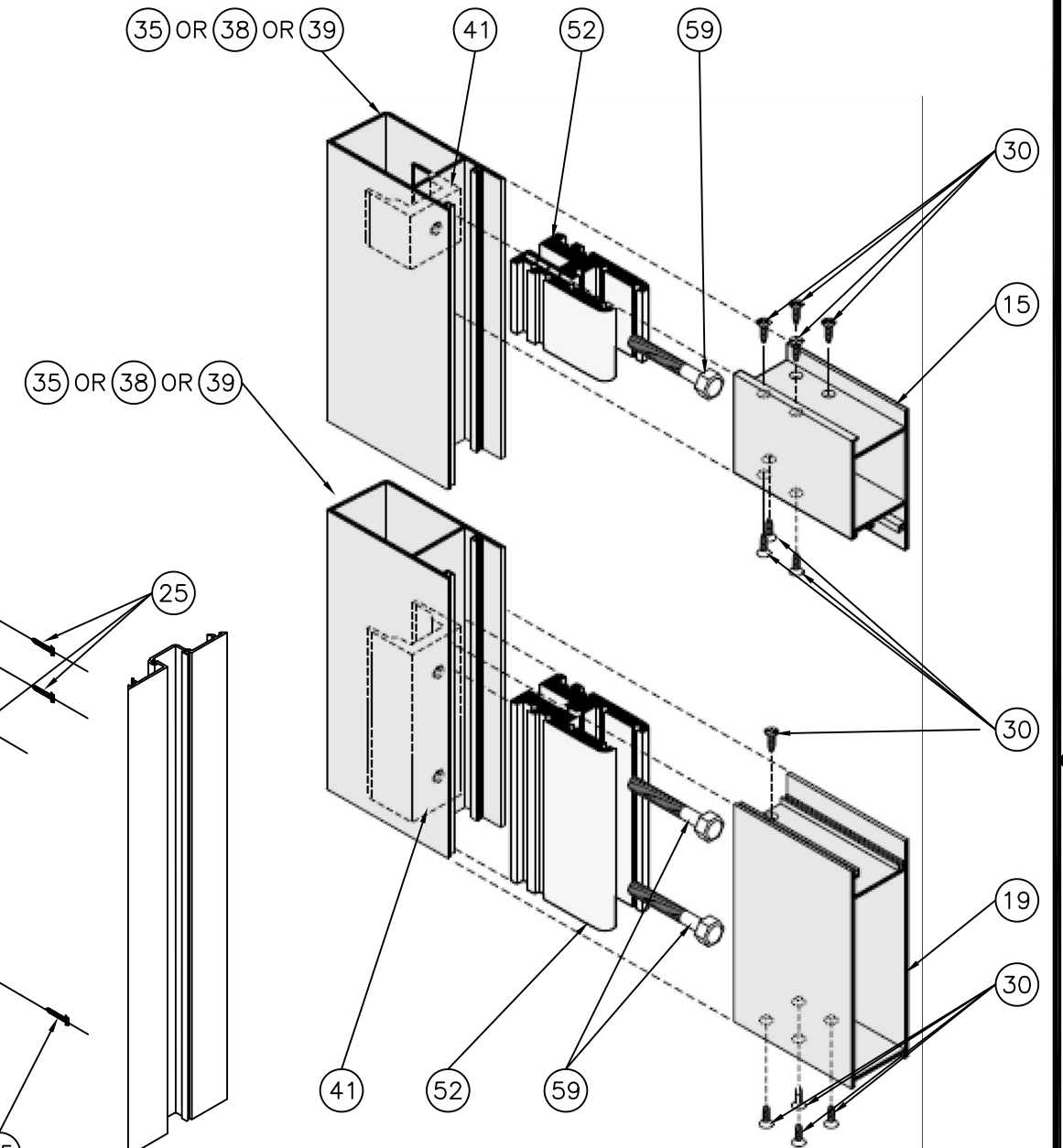
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.



FRAME ASSEMBLY DETAIL
WITH WATER THRESHOLD



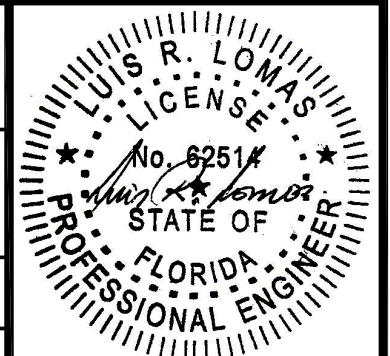
AIR THRESHOLD DETAIL



PANEL ASSEMBLY DETAIL

SIGNED: 09/03/2026

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT PANEL AND FRAME ASSEMBLY DETAILS		
DRAWN: R.L.	DWG NO. 08-01581	REV D
SCALE NTS	DATE 05/08/12	SHEET 14 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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