

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 4 FOR GLASS DETAILS.

12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING HEAD AND JAMBS INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING HEAD AND JAMBS INTO MASONRY/CONCRETE USE 1/4" ELCO ULTRACON TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING HEAD AND JAMBS 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.

16. FOR ANCHORING SILL 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.

17. FOR ANCHORING WATER THRESHOLD INTO CONCRETE/MASONRY USE 3/8" POWER BOLT ANCHORS WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 4 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

18. FOR ANCHORING SILL 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.

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: HOLLOW 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.

24. ALL DISSIMILAR MATERIALS MUST BE SEPARATED PER STANDARD INSTALLATION PRACTICES.

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US ALUMINUM

9050 SOLON RD.

WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM NON-IMPACT

NOTES

DRAWN:

AP

DWG NO.

08-01579

REV

D

SCALE

NTS

DATE

06/12/12

SHEET

1

OF

15

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

L. ROBERTO LOMAS P.E.

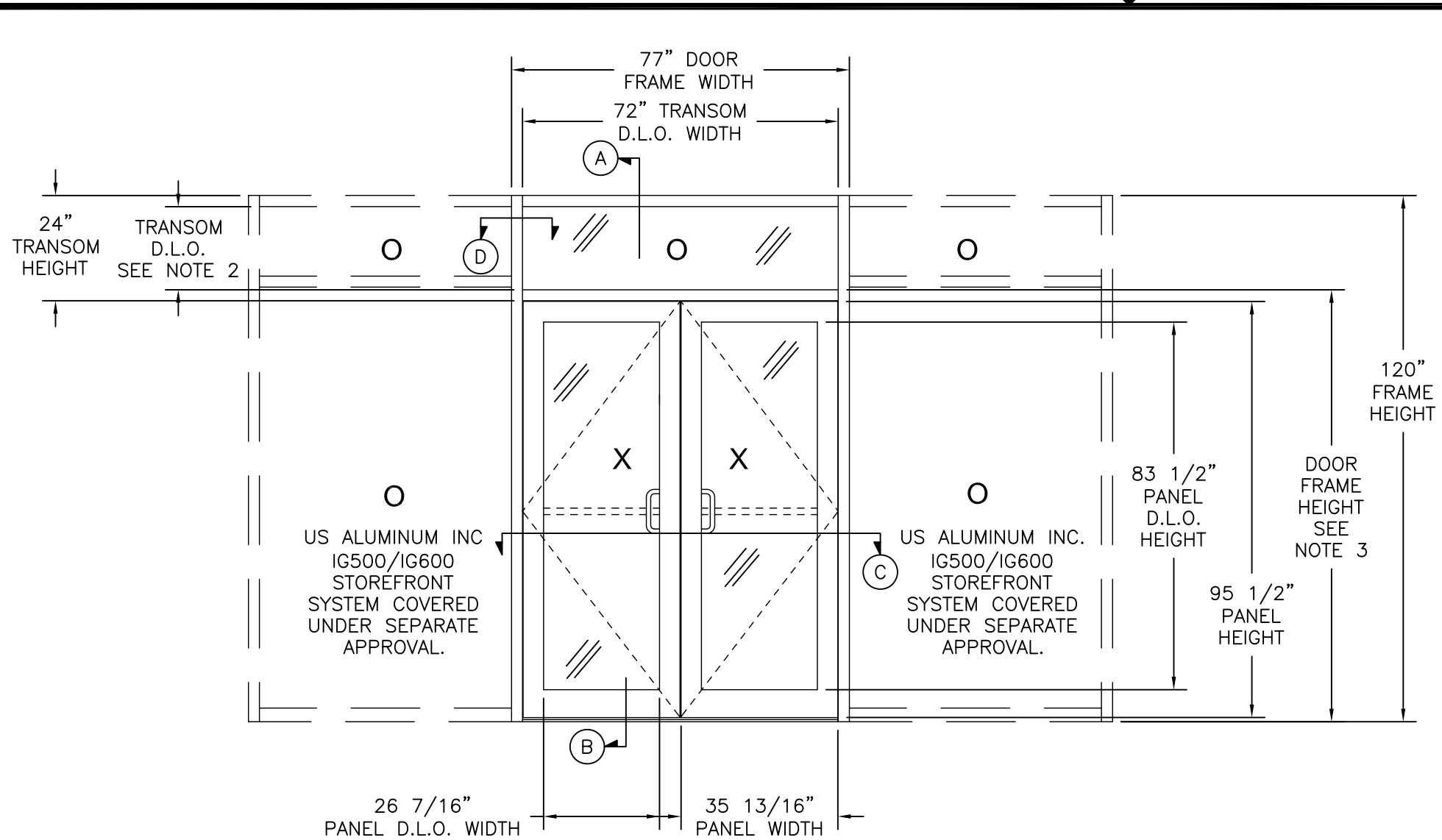
No. 62514

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514



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D	ADDED CORROSION CHART	09/03/26	R.L.

- NOTES:
- DOORS MAY BE LEFT HAND OUTSWING OR RIGHT HAND OUTSWING.
 - MAXIMUM TRANSOM D.L.O.:
SERIES IG500: 18 1/16"
SERIES IG600: 19"
 - MAXIMUM DOOR FRAME HEIGHT:
SERIES IG500: 99 7/16"
SERIES IG600: 98 1/2"
 - HINGE LOCATIONS FROM BOTTOM OF PANEL UP TO BOTTOM OF HINGE:
FIRST HINGE: 6"
SECOND HINGE: 45 1/2"
THIRD HINGE: 84 15/16"

SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT
DOUBLE DOOR WITH TRANSOM
EXTERIOR VIEW

UNITS INSTALLED WITH WATER THRESHOLD, ITEMS #5 AND #6

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	NONE

UNITS INSTALLED WITH AIR SILL, ITEM #7

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	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	100.0	100.0	92.5	92.5	81.2	81.2
84.00	100.0	100.0	87.1	87.1	76.3	76.3
90.00	96.4	96.4	80.2	80.2	70.0	70.0
95.50	90.0	90.0	74.7	74.7	65.0	65.0

REFER TO RATING BOXES FOR WATER LIMITATIONS.

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STOREFRONT DOOR SYSTEM NON-IMPACT
ELEVATION

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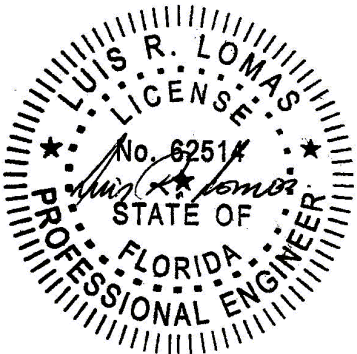
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DATE 06/12/12

SHEET 2 OF 15

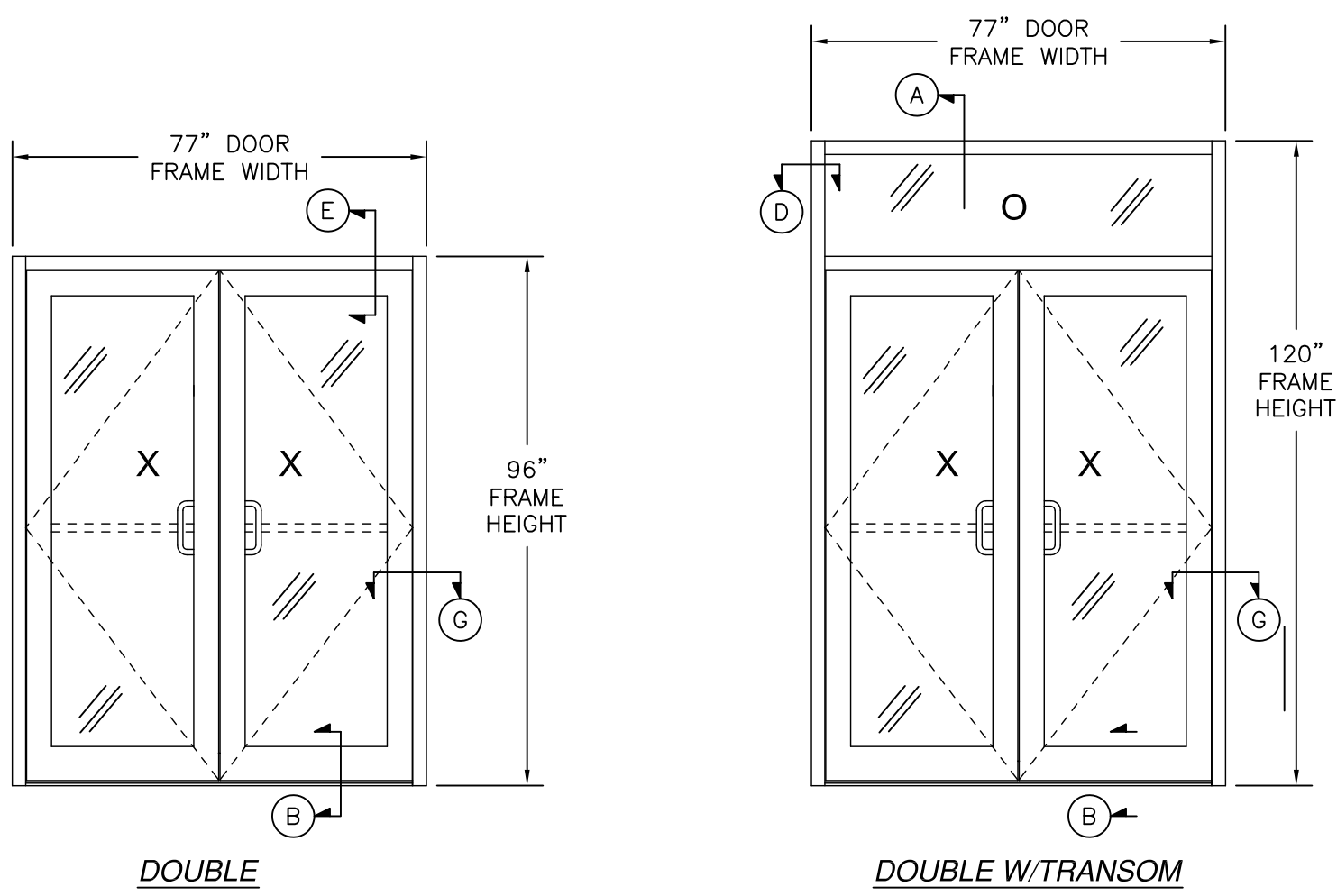
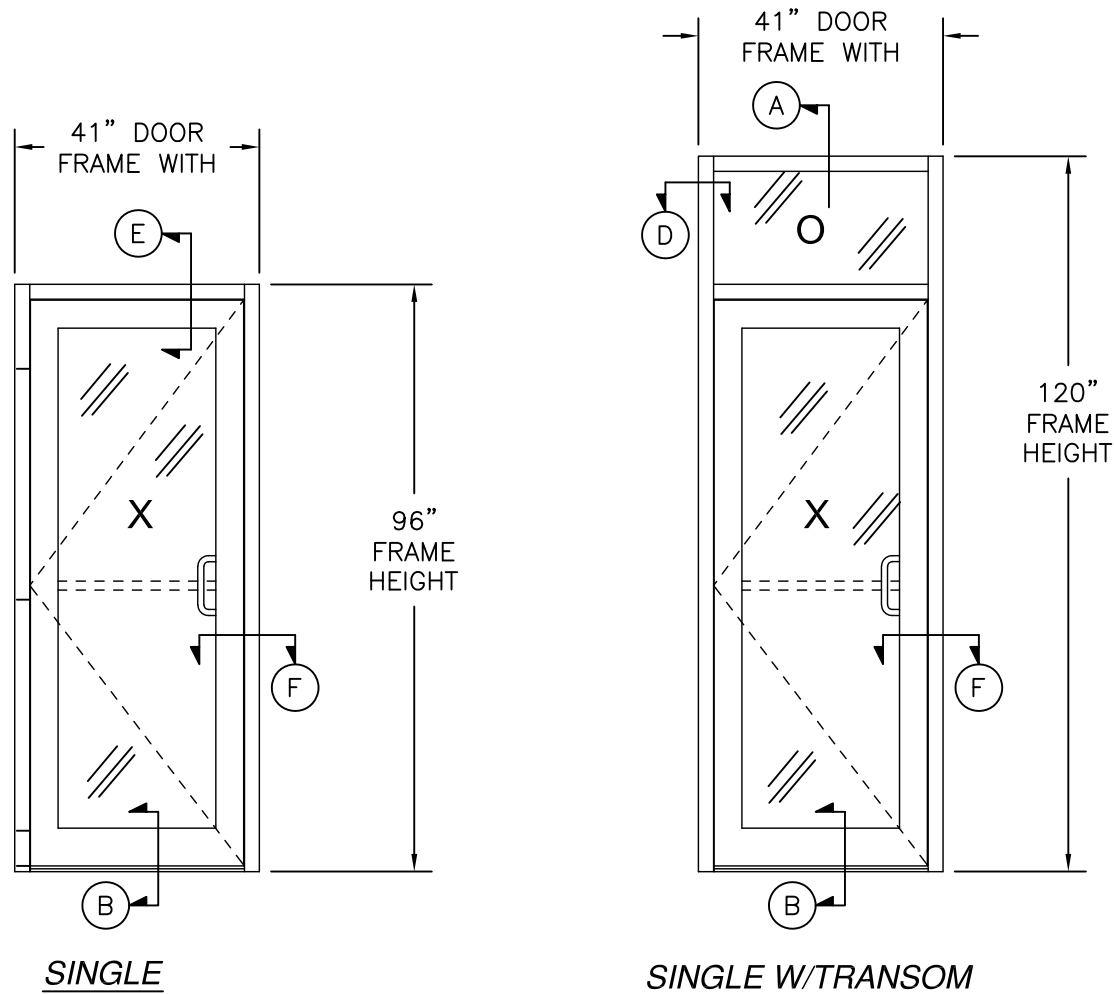
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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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	

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STOREFRONT DOOR SYSTEM NON-IMPACT
ADDITIONAL APPROVED CONFIGURATIONS

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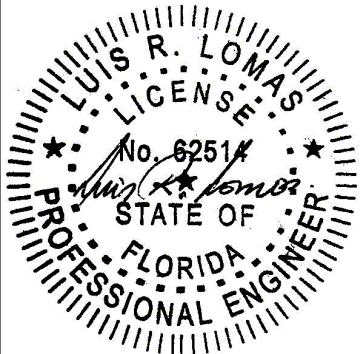
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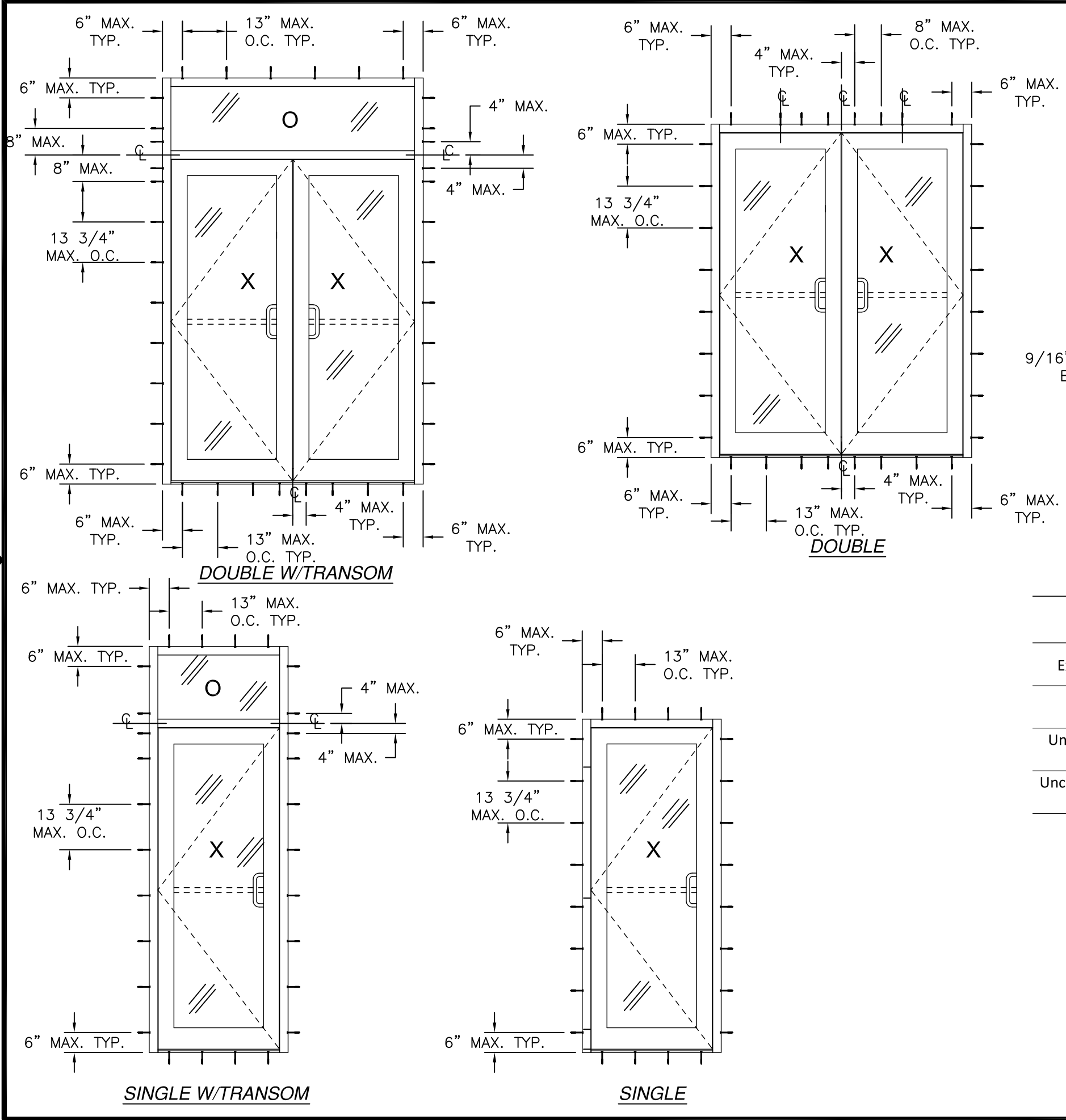
SHEET
3 OF 15

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

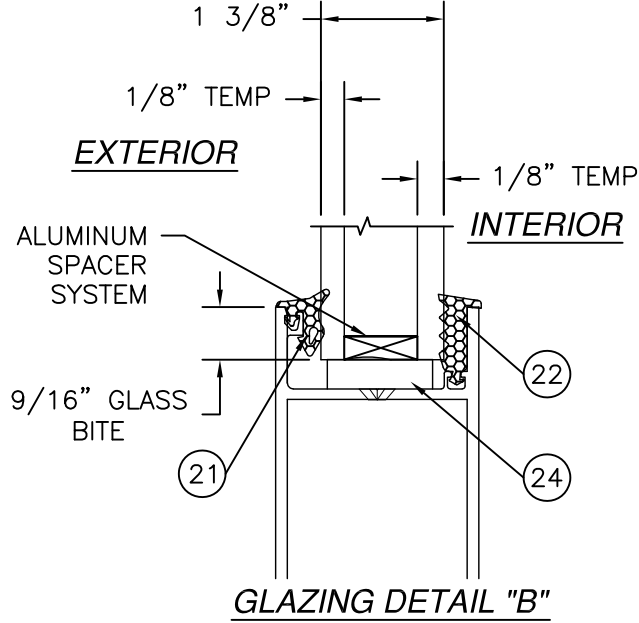
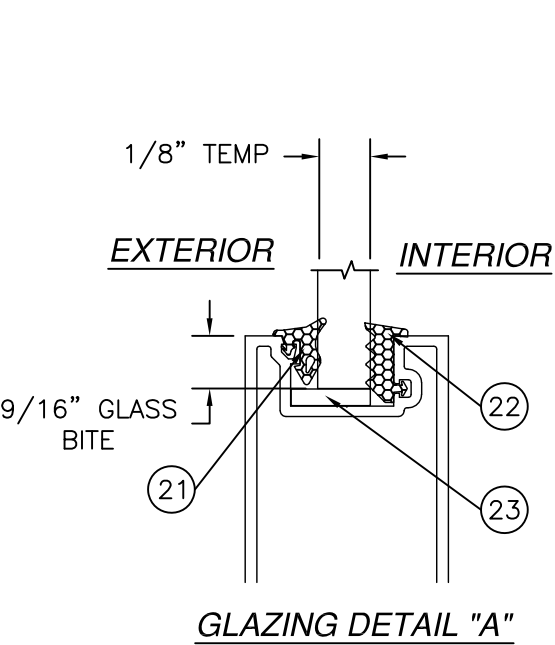
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Anchors and anchor connectors corrosion resistance chart		
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or 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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SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
ANCHORING LAYOUTS AND GLAZING DETAILS

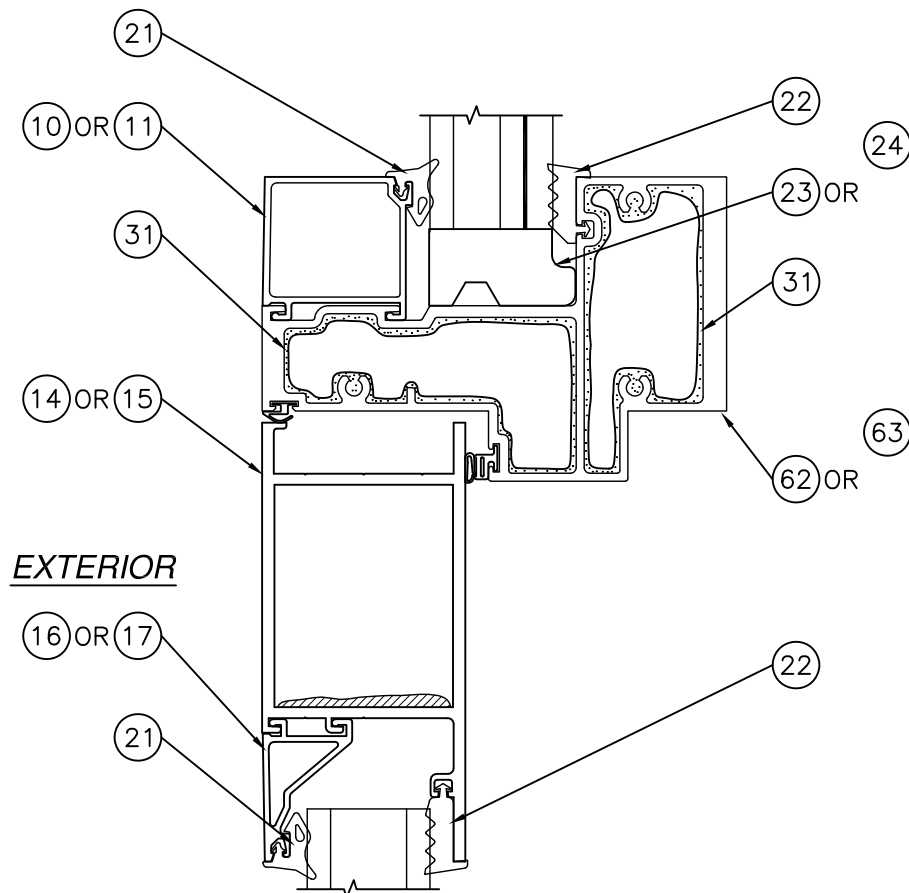
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208 7th Ave, INDIALANTIC, FL 32903
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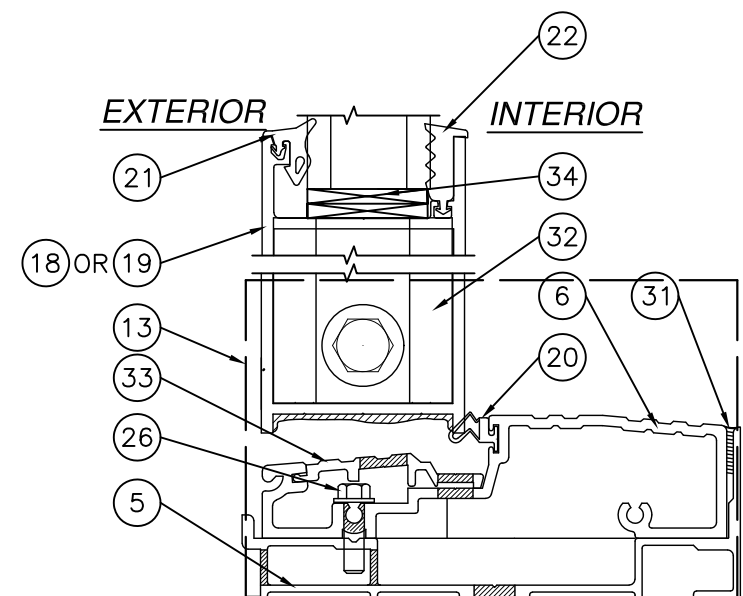
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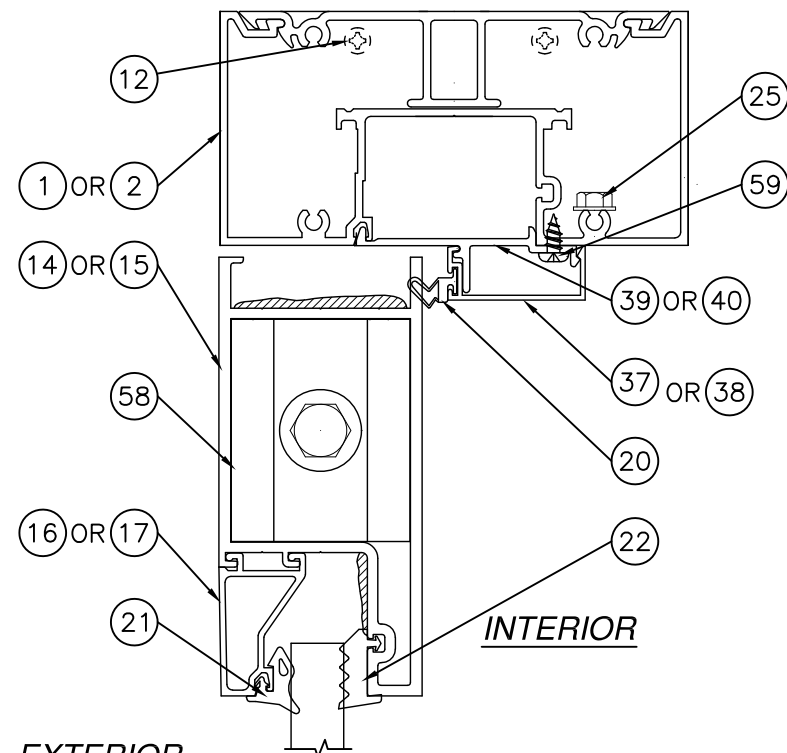
PARTS LIST										REVISIONS								
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL						REV	DESCRIPTION	DATE	APPROVED					
										D	ADDED CORROSION CHART	09/03/26	R.L.					
1	IG526	MAIN FRAME – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	PARTS LIST													
2	IG626	MAIN FRAME – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL									
3	IG577	HORIZONTAL MULL – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	41	IE450	LOCK STILE – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
4	IG677	HORIZONTAL MULL – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	42	IE550	LOCK STILE – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
5	IG570	SUB–SILL	US ALUMINUM	ALUMINUM 6063–T5	43	IE460	LOCK STILE – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
6	TH800	WATER THRESHOLD	US ALUMINUM	ALUMINUM 6063–T5	44	IE560	LOCK STILE – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
7	TH811	AIR SILL	US ALUMINUM	ALUMINUM 6063–T5	45	NP802	DOOR WEATHERSTRIP	US ALUMINUM										
8	IG524	FILLER VERTICAL – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	46	CB802	SHEAR CHANNEL	US ALUMINUM	ALUMINUM 6063–T5									
9	IG624	FILLER VERTICAL – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	47	1285	PANIC BAR	JACKSON										
10	IG563	STOP – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	48	G86	PANIC BAR	ADAMS RITE										
11	IG663	STOP – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	49	4111	CLOSER	LCN										
12	IG100	FILLER JAMB/HEAD	US ALUMINUM	ALUMINUM 6063–T5	50	1461	SURFACE CLOSER	LCN										
13	EC801	SUB–SILL END DAM	US ALUMINUM	A–245	51	20–330	OHCC CLOSER	JACKSON										
14	IE402	TOP RAIL – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	52	2030	OHCC CLOSER	LCN										
15	IE502	TOP RAIL – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	53	CL045	SURFACE CLOSER	CR LAWRENCE										
16	IE050	DOOR GLASS STOP – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	54		FLUSH BOLT	US ALUMINUM										
17	IE150	DOOR GLASS STOP – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	55		FLUSH BOLT	IVES										
18	IE401	BOTTOM RAIL – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	56		STANDARD LOCK											
19	IE501	BOTTOM RAIL – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5	57		1 1/2” BUTT HINGE PAIR	HAGER										
20	NP801	DOOR WEATHERSTRIP	US ALUMINUM		58	CB801	2 3/8” CORNER BLOCK	US ALUMINUM										
21	NP825	EXTERIOR GASKET	TREMCO	EDPM 70 DUROMETER	59	ST197	#8 x 3/8” PH SMS											
22	NP826	INTERIOR GASKET	TREMCO	EPDM 70 DUROMETER	60	DN350	LOCK STILE CAP	US ALUMINUM	ALUMINUM 6063–T5									
23	SB916	SETTING BLOCK	US ALUMINUM	EPDM 85 DURO	61	IG200	DOOR STOP	US ALUMINUM	ALUMINUM 6063–T5									
24	SB917	SETTING BLOCK	US ALUMINUM	EPDM 85 DURO	62	IG567	HORIZONTAL MULL – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
25	ST266	#12 x 1” HWH SMS			63	IG667	HORIZONTAL MULL – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5									
26	ST268	#12 x 3/4” HWH SMS			64	CB901	CORNER BLOCK	US ALUMINUM										
27		NOT USED			65		3/8” – 16 x 3” HH BOLT											
28		8GA. STEEL STIFFENER HEAVY	US ALUMINUM	A36 MILD STEEL	66	TC800	11GA. THRESHOLD CLIP	US ALUMINUM	COLD ROLLED STEEL									
29	WB600	W BLOCK .688” WIDE			67		#12–24 x 1/4” SCREW											
30	ST035	#10 x 5/8” FH SMS												SIGNED: 09/03/2026				
31	DOW995	SILICONE SEALANT	DOW CORNING	SILICONE						US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165 SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON–IMPACT BILL OF MATERIALS DRAWN: AP DWG NO. 08–01579 REV D SCALE NTS DATE 06/12/12 SHEET 5 OF 15 L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com								
32	CB801	6 1/8” CORNER BLOCK	US ALUMINUM															
33	TH804	SILL INSERT	US ALUMINUM	ALUMINUM 6063–T5														
34	D916	SETTING BLOCK	US ALUMINUM	EPDM 85 DURO														
35	IE420	PLAIN STILE – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
36	IE520	PLAIN STILE – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
37	IG046	DOOR STOP – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
38	IG146	DOOR STOP – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
39	IG047	STOP RETAINER – 9/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
40	IG147	STOP RETAINER – 1 5/16” GLASS	US ALUMINUM	ALUMINUM 6063–T5														
														LUIS R. LOMAS P.E. No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER Luis R. Lomas P.E. FL No.: 62514				



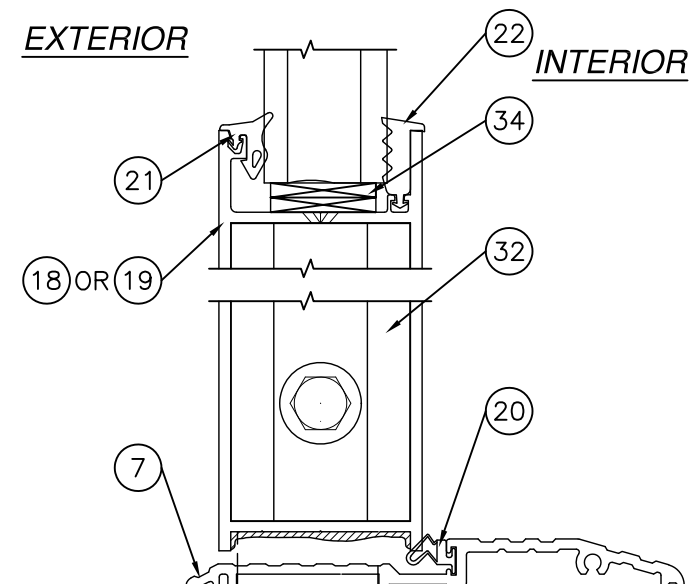
(H) OPTIONAL DOOR HEADER AND TRANSOM



(B) DOOR WITH WATER THRESHOLD



(E) DOOR HEADER



(B) DOOR WITH AIR SILL

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

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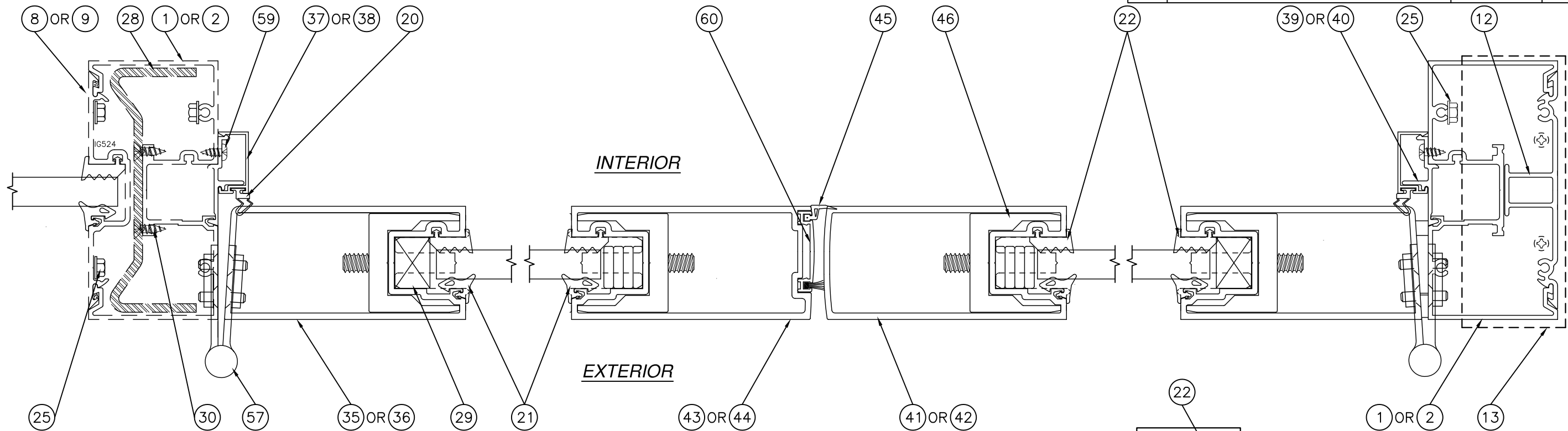
(A) DOOR HEADER AND TRANSOM
FOR OPTIONAL HEADER AND TRANSOM SEE DETAIL H

SIGNED: 09/03/2026

US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT CROSS SECTIONS		
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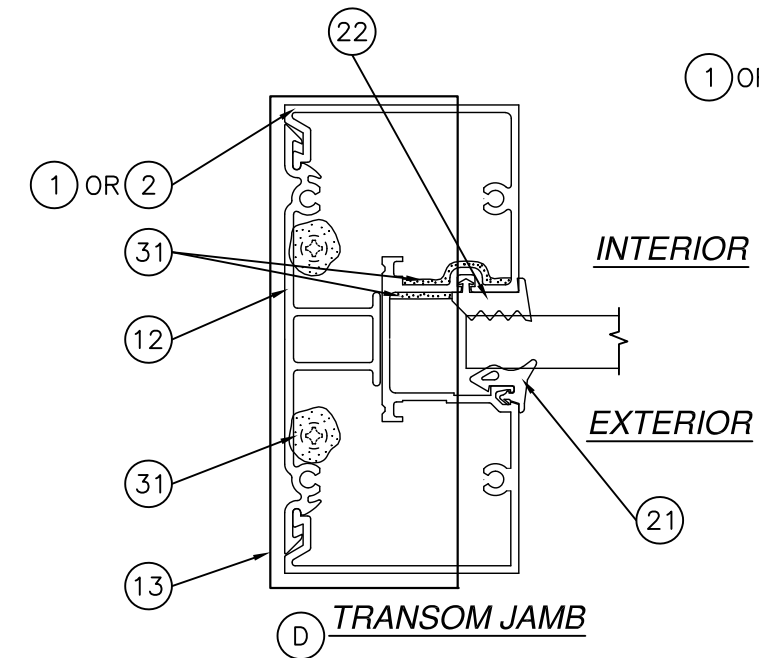
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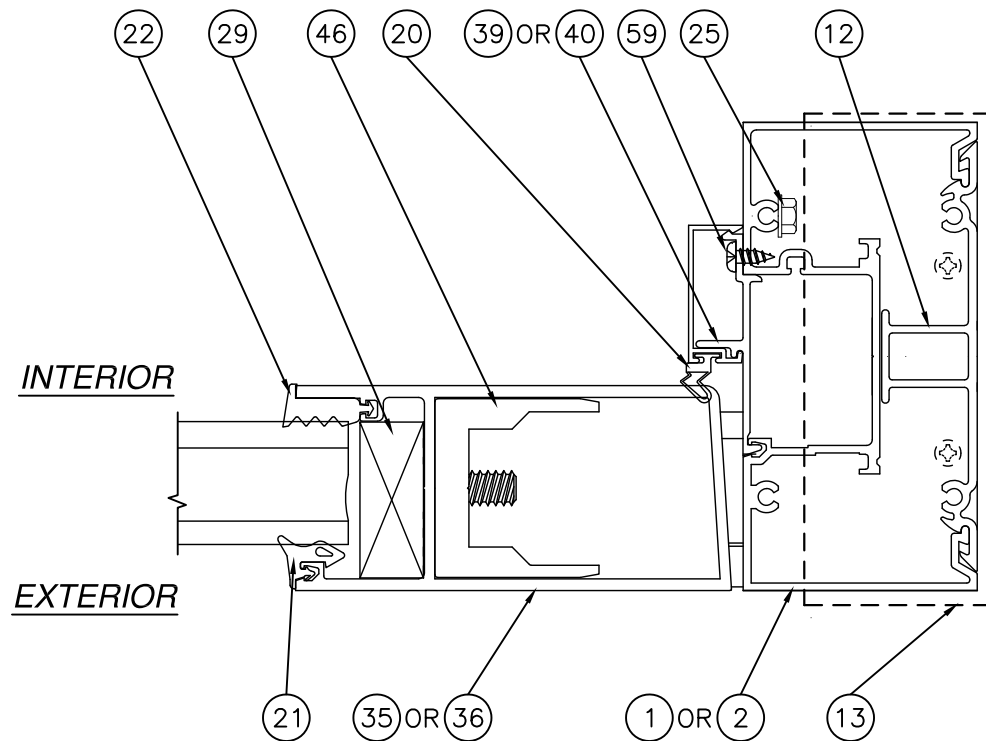
MULLION ASSEMBLY PROPERTIES
TOTAL I_x (IN TERMS OF ALUMINUM): 16.754 in⁴
S_x ALUMINUM: 2.115 in³
S_x STEEL: 4.889 in³

(C) DOUBLE DOOR

NOTE: FOR ANCHORING TO
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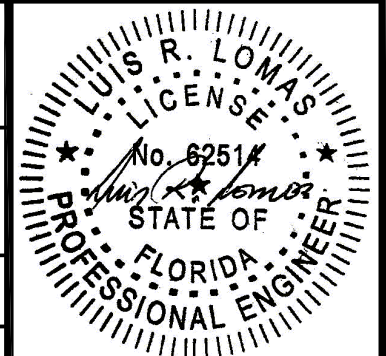
(D) TRANSOM JAMB



(F) LOCK STILE TO JAMB

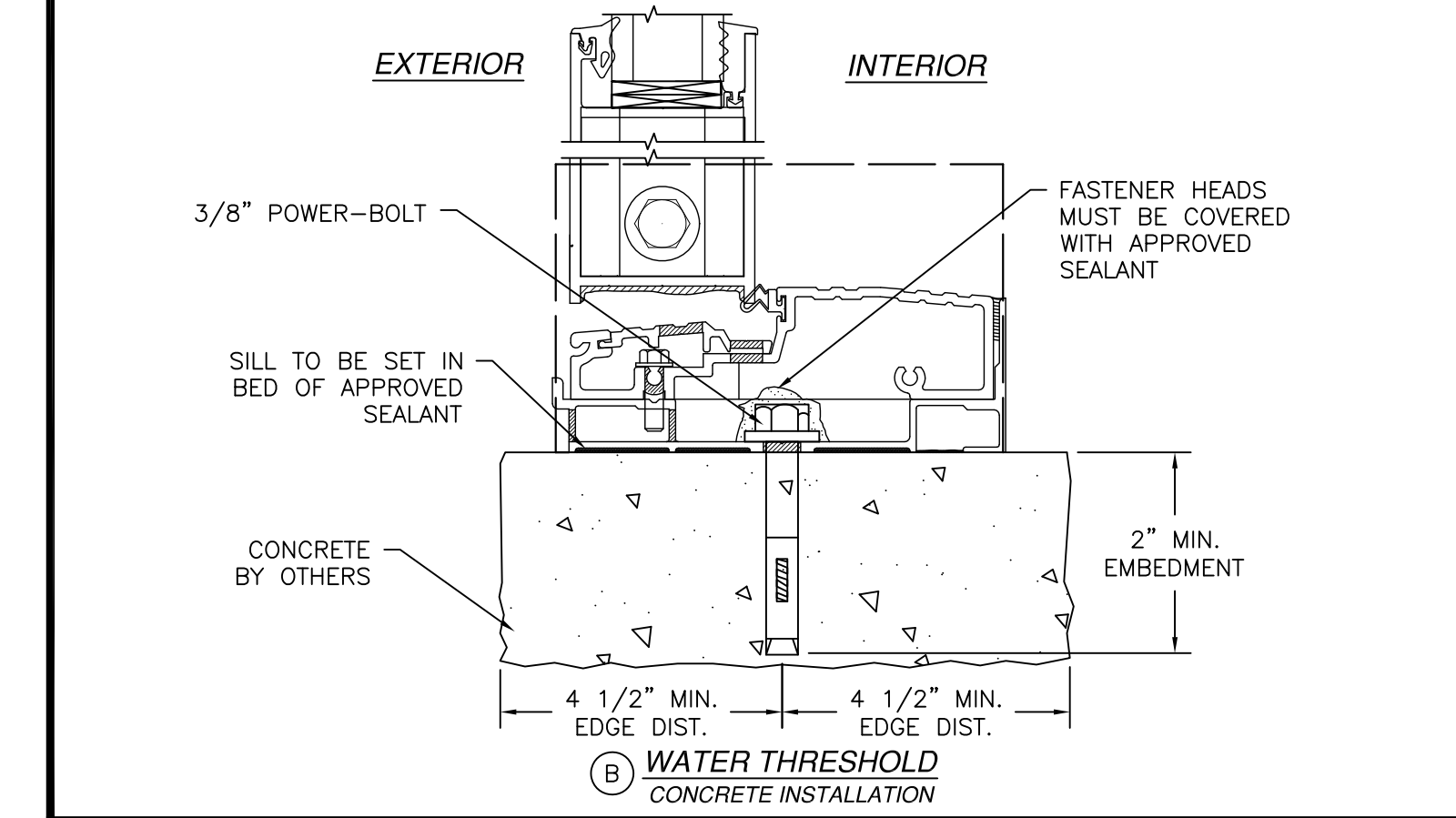
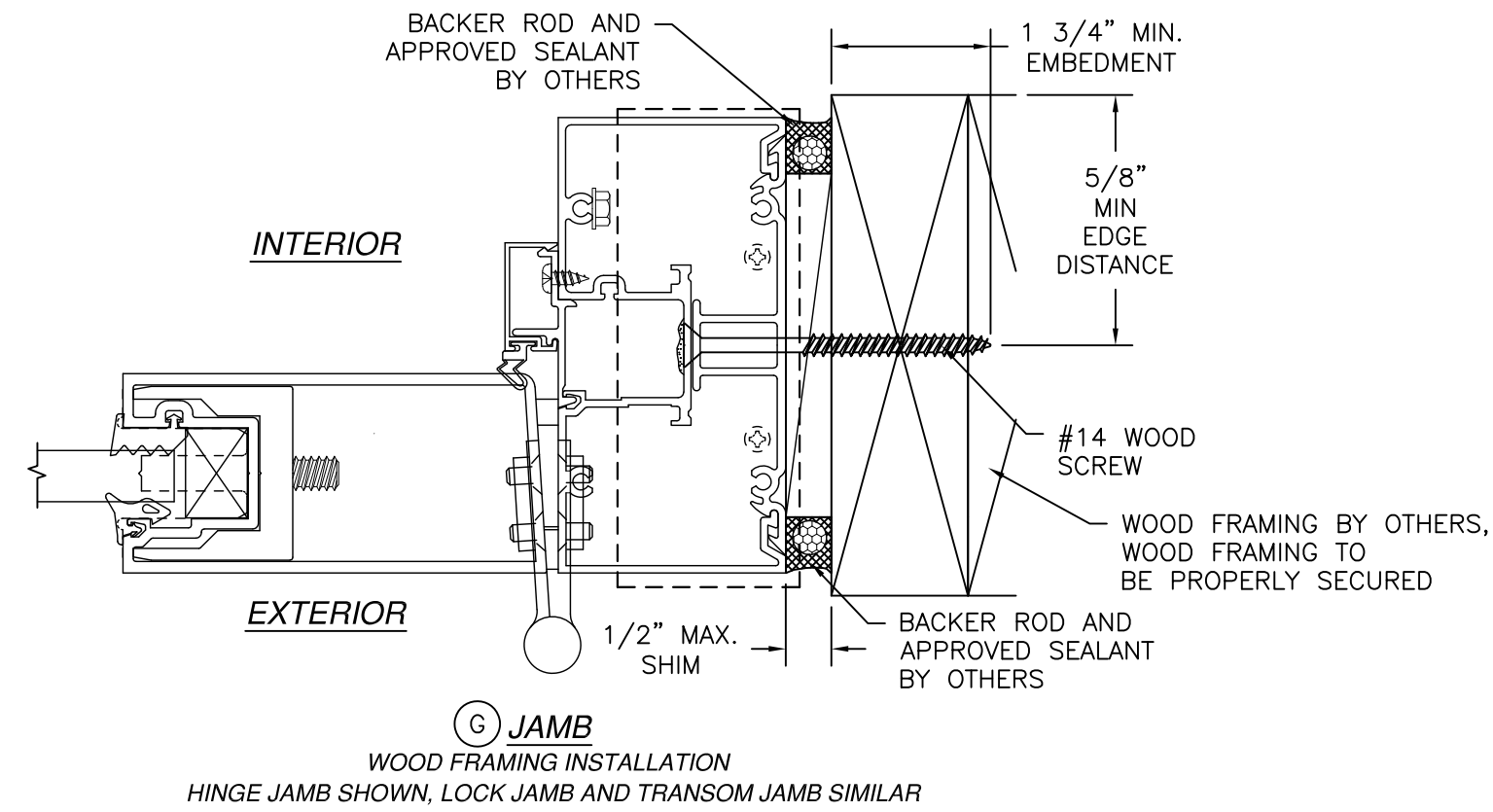
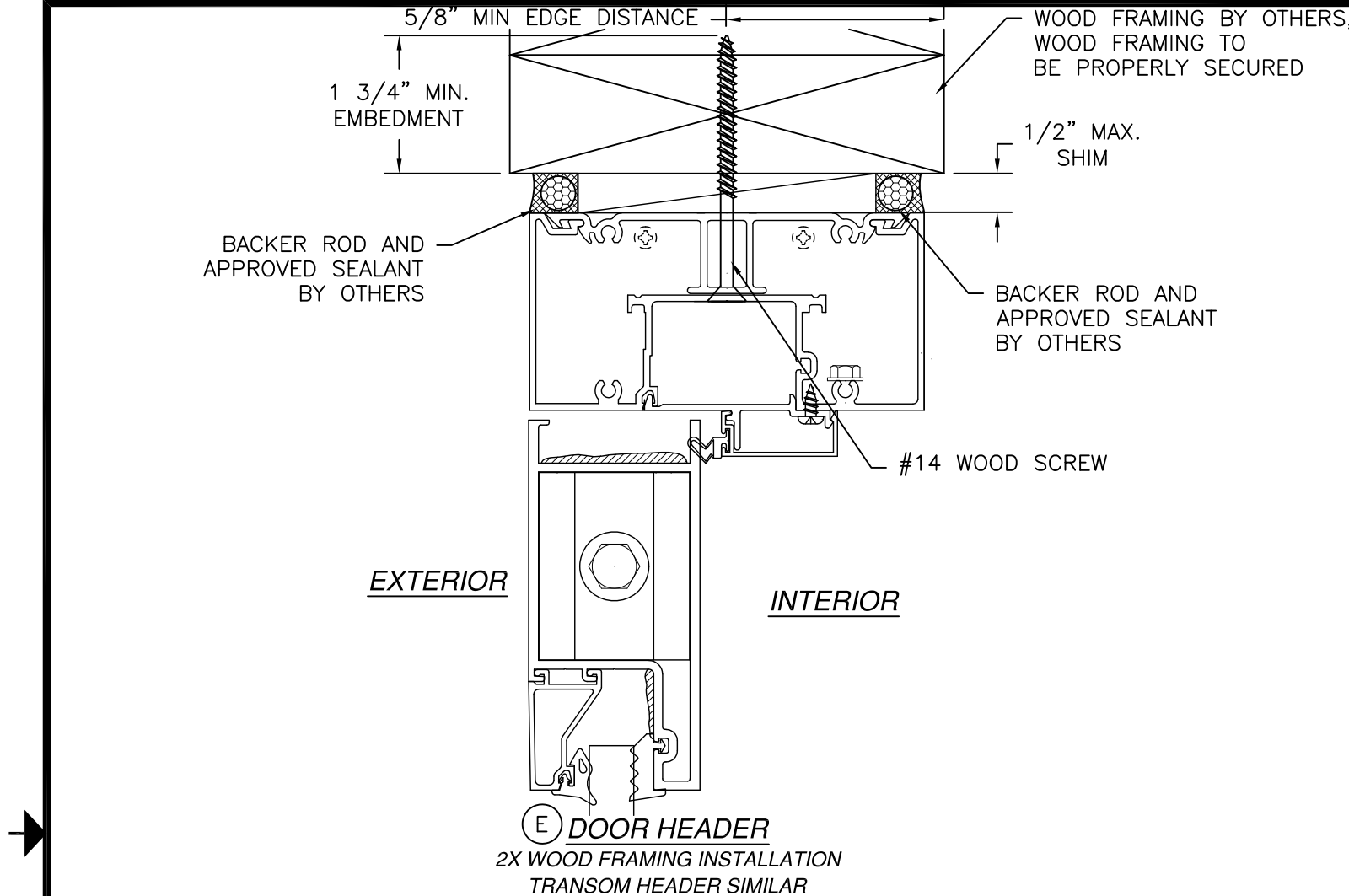
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NOTES:

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

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US ALUMINUM
9050 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
INSTALLATION DETAILS

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D

SCALE NTS

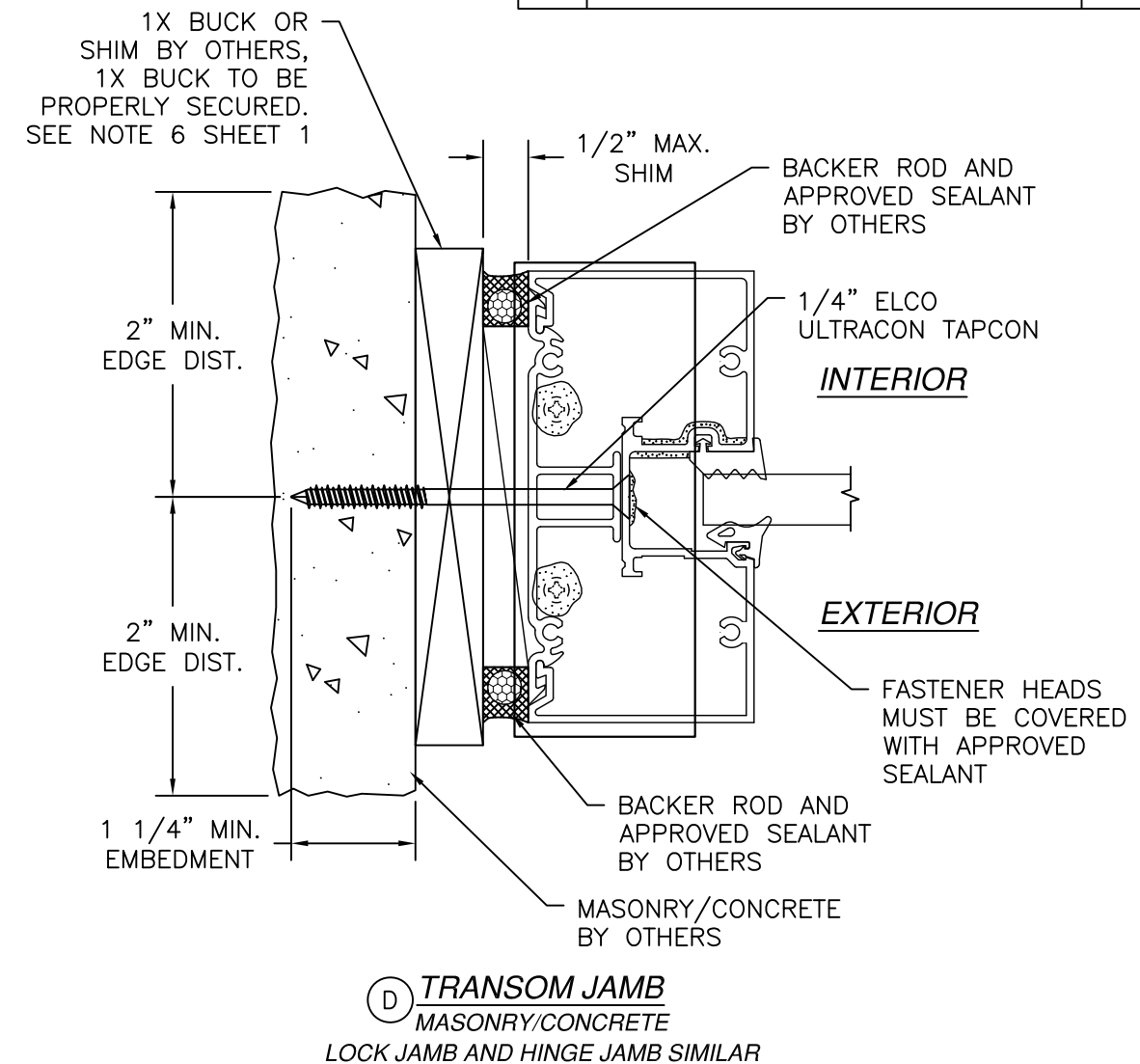
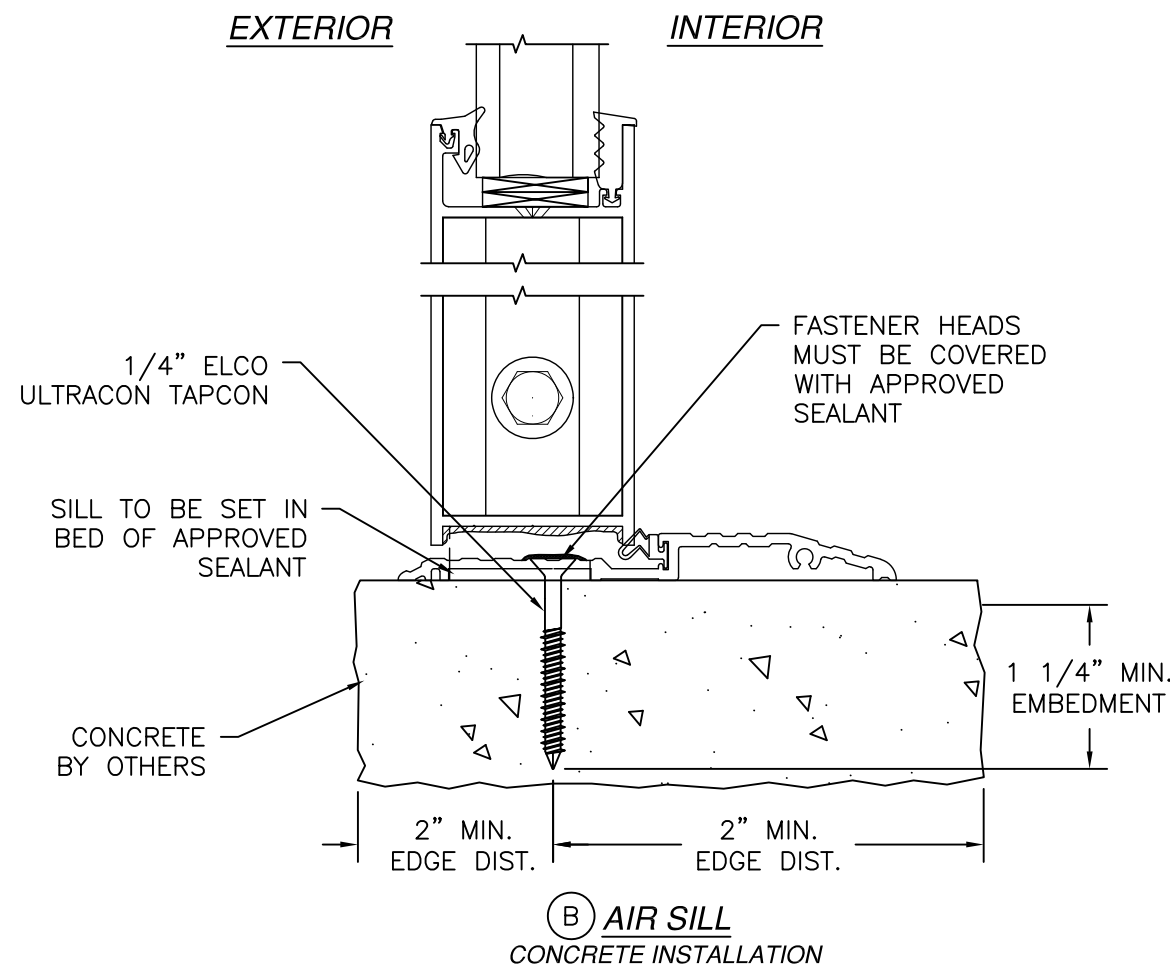
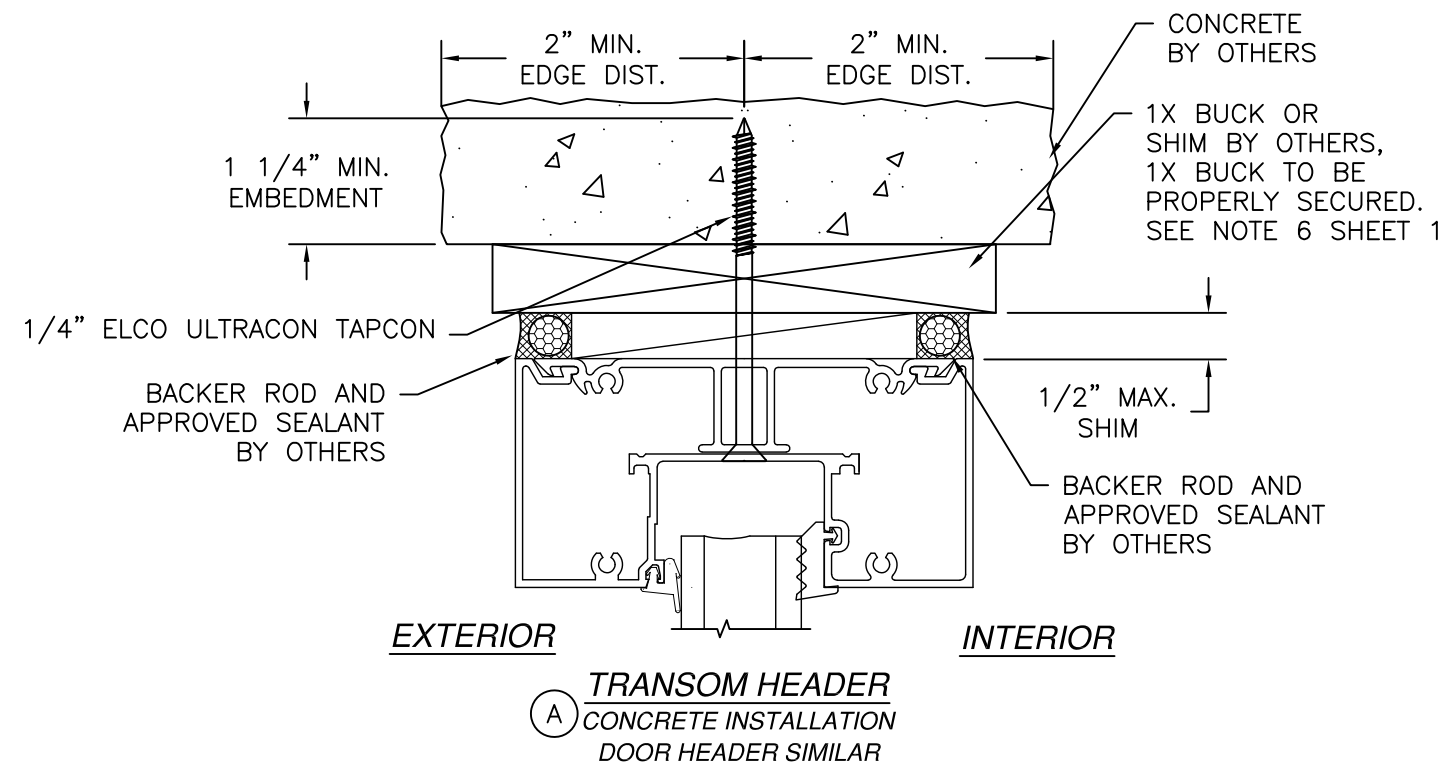
DATE 06/12/12

SHEET 8 OF 15

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

Luis R. Lomas
Professional Engineer
No. 62514
STATE OF FLORIDA

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

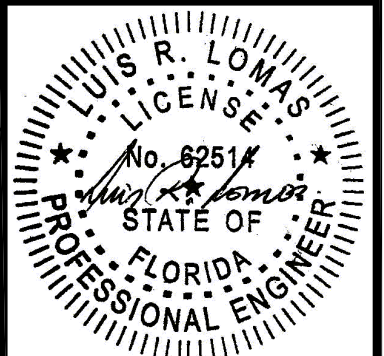


NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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

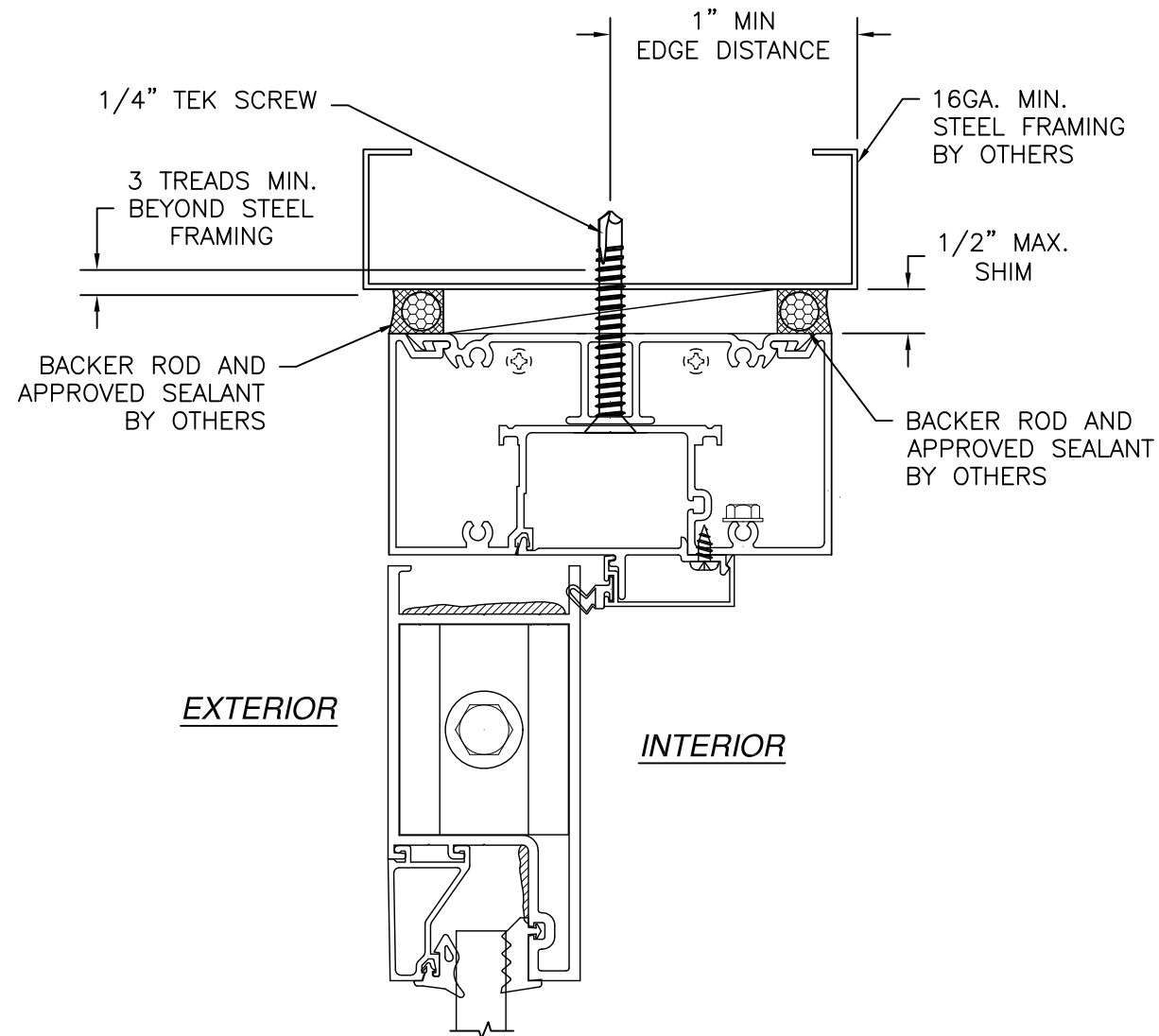
US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: AP	DWG NO. 08-01579	REV D
SCALE NTS	DATE 06/12/12	SHEET 9 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/03/2026

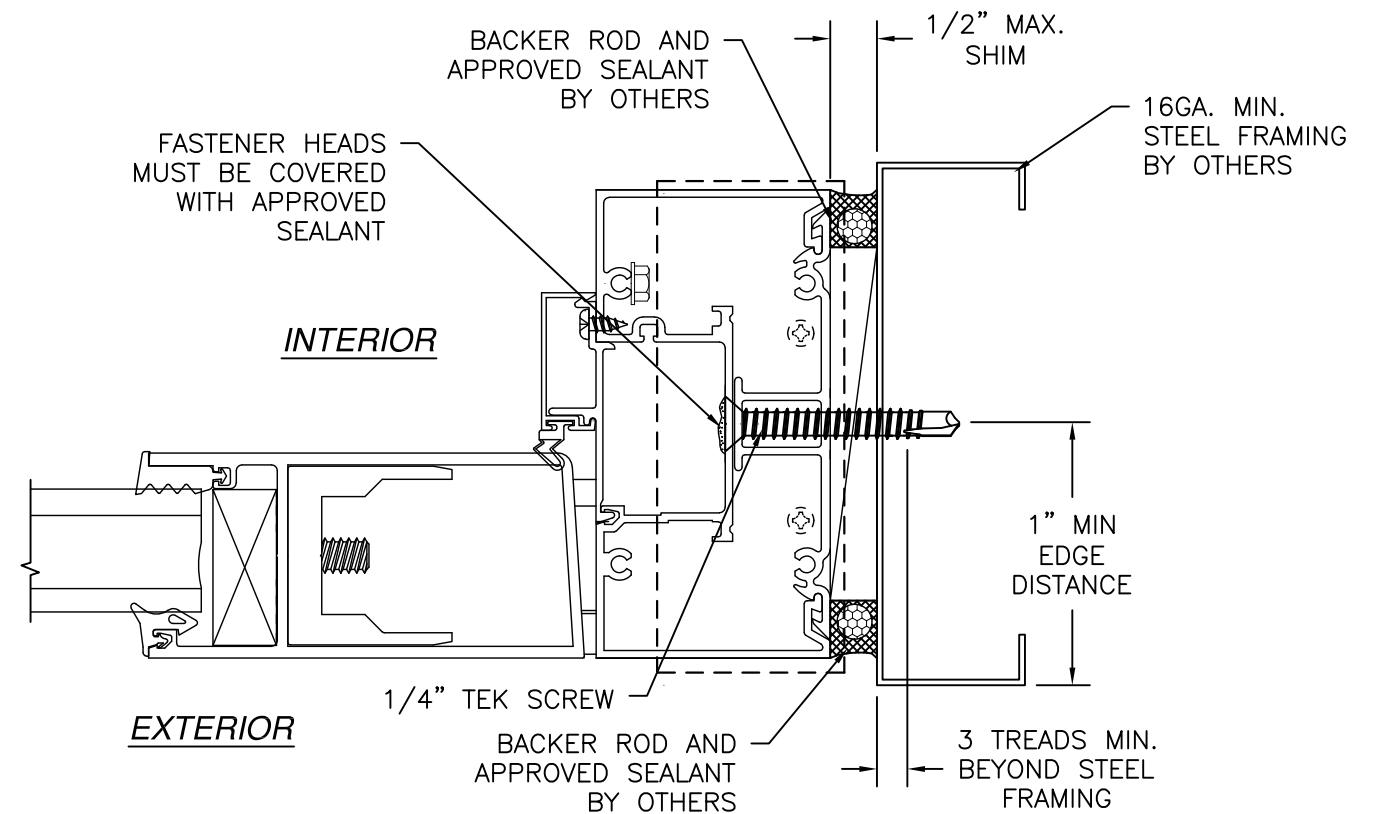


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 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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(E) DOOR HEADER
STEEL FRAMING INSTALLATION
TRANSOM HEADER SIMILAR



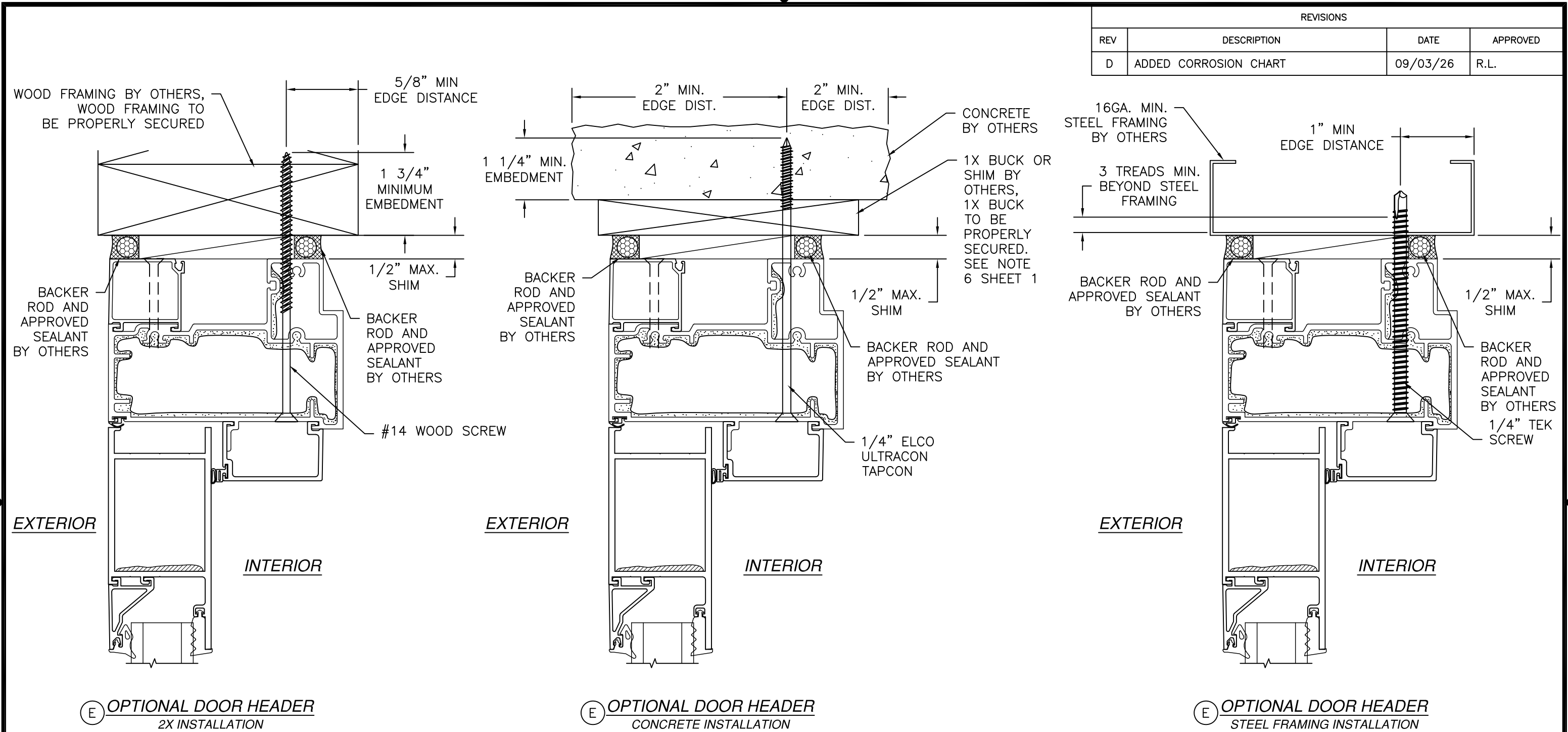
(G) JAMB
STEEL FRAMING INSTALLATION
TRANSOM JAMB AND HINGE JAMB SIMILAR

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SIGNED: 09/03/2026

US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165			
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT INSTALLATION DETAILS			
DRAWN: AP	DWG NO. 08-01579	REV D	
SCALE NTS	DATE 06/12/12	SHEET 10 OF 15	
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



REVISIONS			
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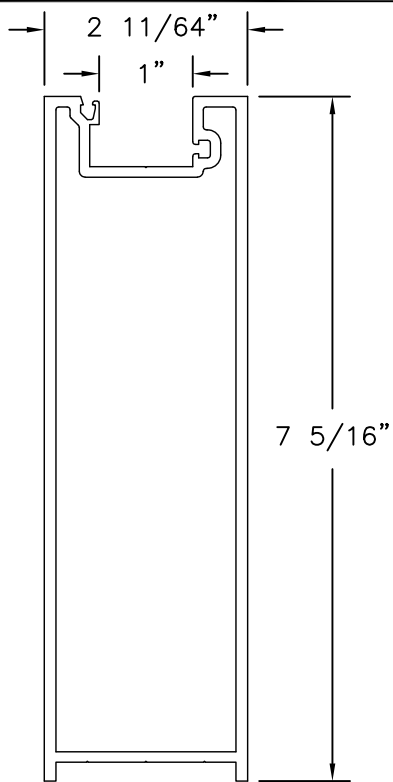
SIGNED: 09/03/2026

US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: AP	DWG NO. 08-01579	REV D
SCALE NTS	DATE 06/12/12	SHEET 11 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

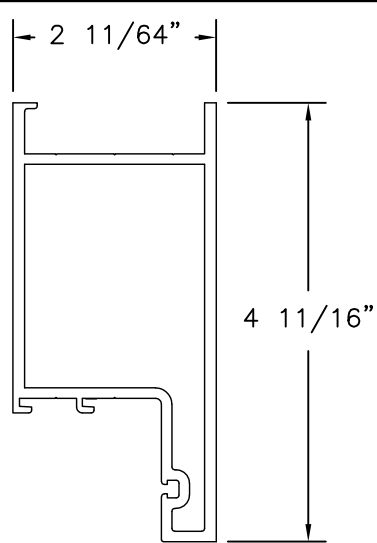
LUIS R. LOMAS
 LICENSE No. 62514
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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

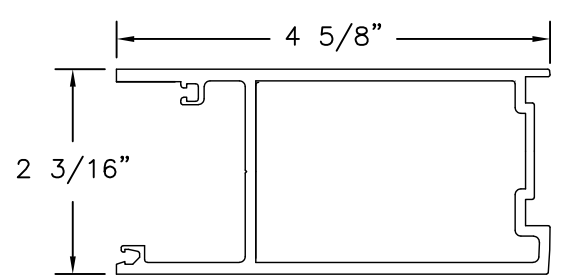
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	ADDED CORROSION CHART	09/03/26	R.L.



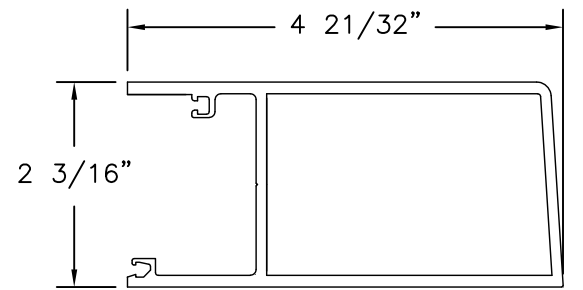
⑱ **BOTTOM RAIL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



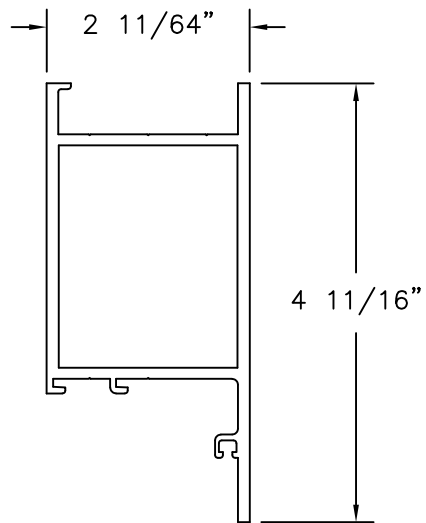
⑭ **TOP RAIL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



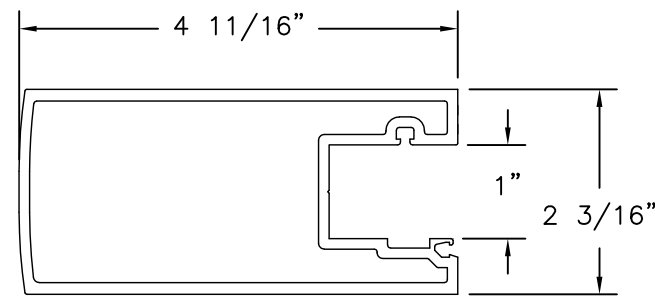
④④ **LOCK STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



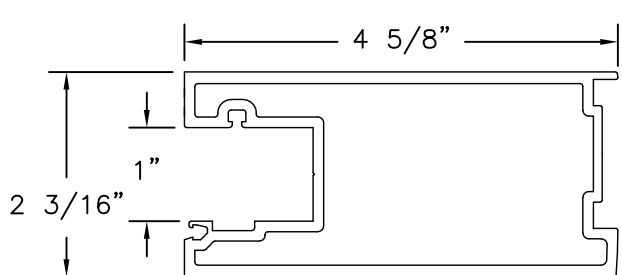
③⑥ **PLAIN STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



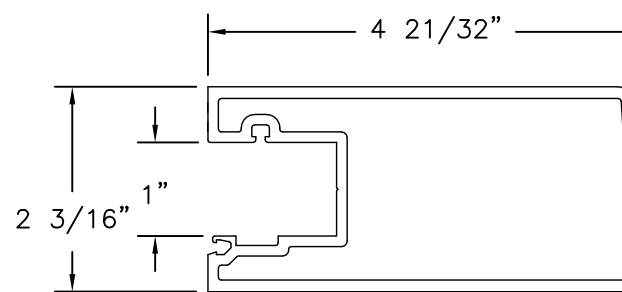
⑮ **TOP RAIL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



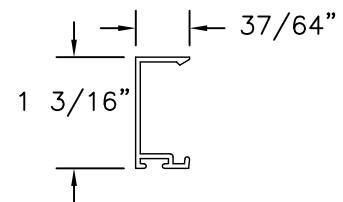
④① **LOCK STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



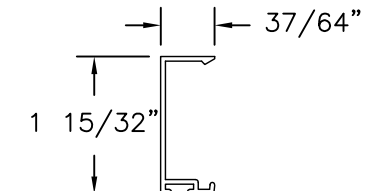
④③ **LOCK STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



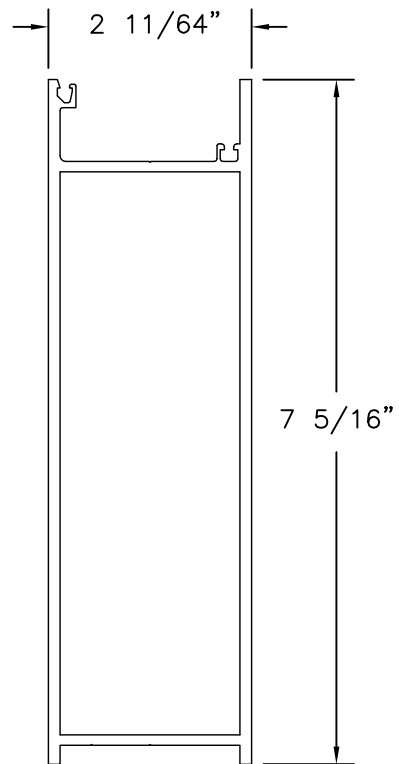
③⑤ **PLAIN STILE - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



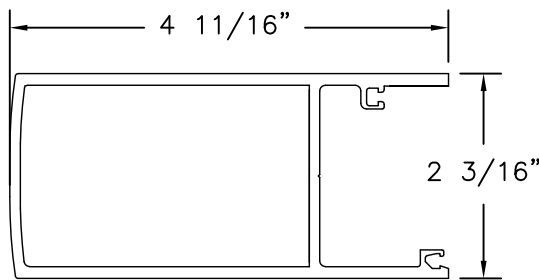
③⑦ **DOOR STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .050" THICK



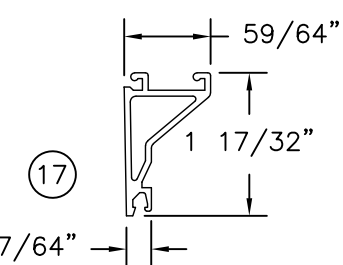
③⑧ **DOOR STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .050" THICK



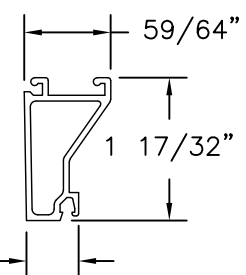
⑲ **BOTTOM RAIL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



④② **LOCK STILE - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .125" THICK



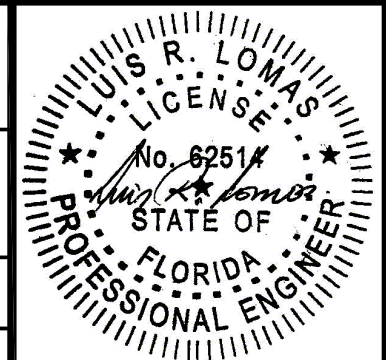
⑰ **DOOR GLASS STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



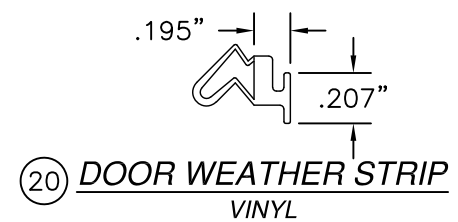
⑮ **DOOR GLASS STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK

SIGNED: 09/03/2026

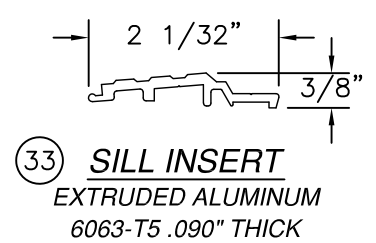
US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM NON-IMPACT COMPONENTS		
DRAWN: AP	DWG NO. 08-01579	REV D
SCALE NTS	DATE 06/12/12	SHEET 13 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



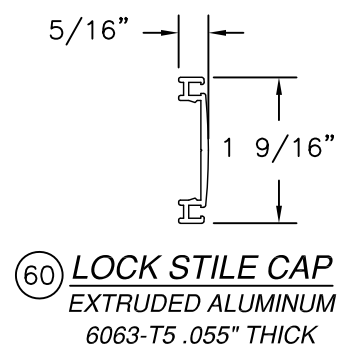
Luis R. Lomas P.E.
FL No.: 62514



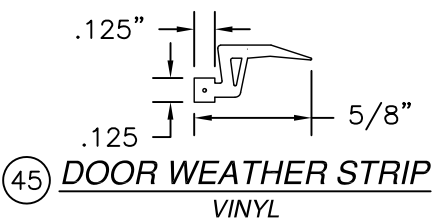
20 DOOR WEATHER STRIP
VINYL



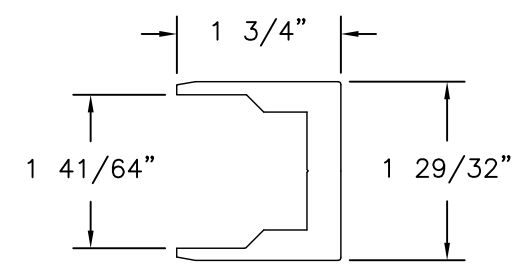
33 SILL INSERT
EXTRUDED ALUMINUM
6063-T5 .090" THICK



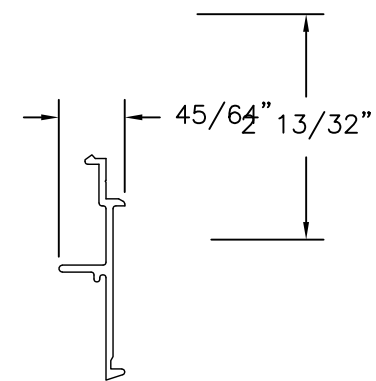
60 LOCK STILE CAP
EXTRUDED ALUMINUM
6063-T5 .055" THICK



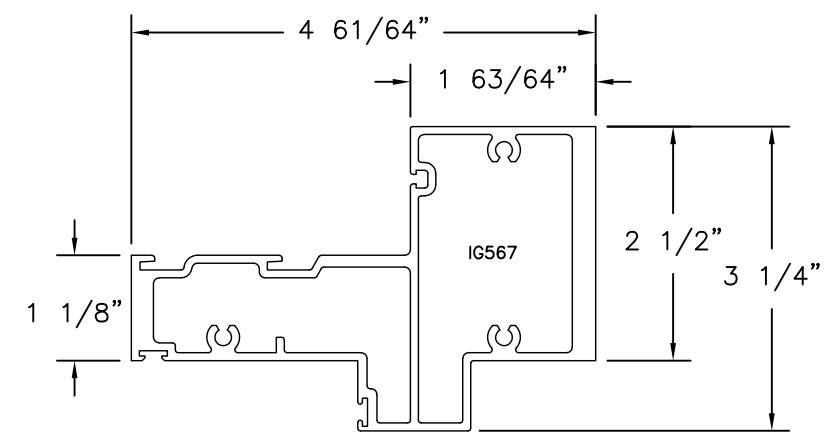
45 DOOR WEATHER STRIP
VINYL



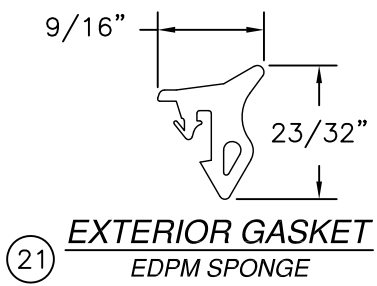
46 SHEAR CHANNEL
EXTRUDED ALUMINUM
6063-T5 .363" THICK



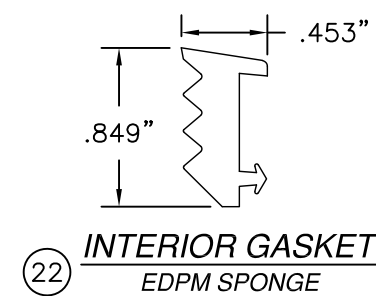
40 STOP RETAINER - 1 5/16" GLASS
EXTRUDED ALUMINUM 6063-T5 .075" THICK



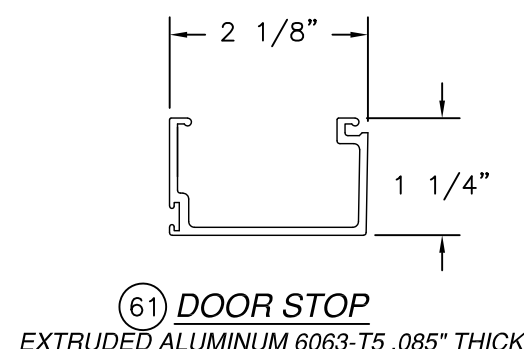
62 HORIZONTAL MULL - 9/16" GLASS
EXTRUDED ALUMINUM 6063-T5 .085" THICK



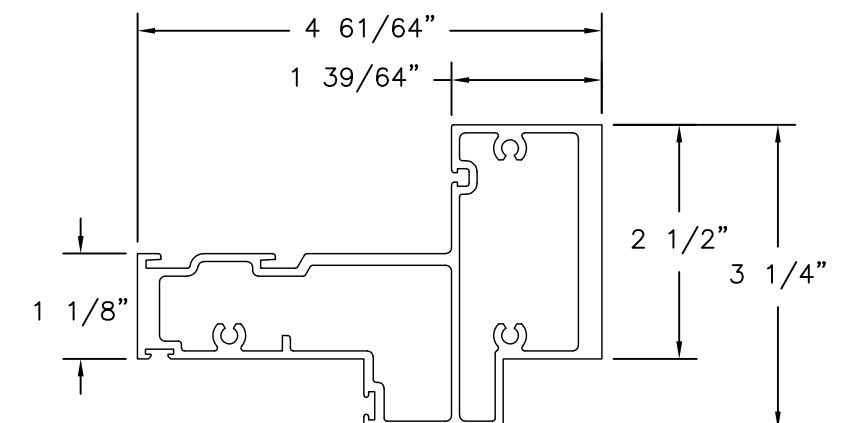
21 EXTERIOR GASKET
EDPM SPONGE



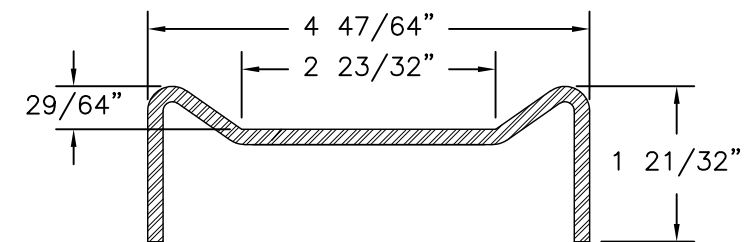
22 INTERIOR GASKET
EDPM SPONGE



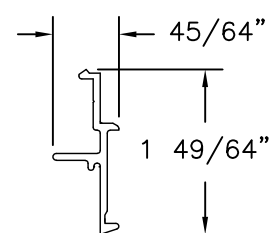
61 DOOR STOP
EXTRUDED ALUMINUM 6063-T5 .085" THICK



63 HORIZONTAL MULL - 1 5/16" GLASS
EXTRUDED ALUMINUM 6063-T5 .085" THICK



28 STEEL STIFFENER HEAVY
FORMED 8GA. A36 MILD STEEL



39 STOP RETAINER - 9/16" GLASS
EXTRUDED ALUMINUM 6063-T5 .075" THICK

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

SIGNED: 09/03/2026

US ALUMINUM
9050 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
COMPONENTS

DRAWN:
AP

DWG NO.
08-01579

REV
D

SCALE
NTS

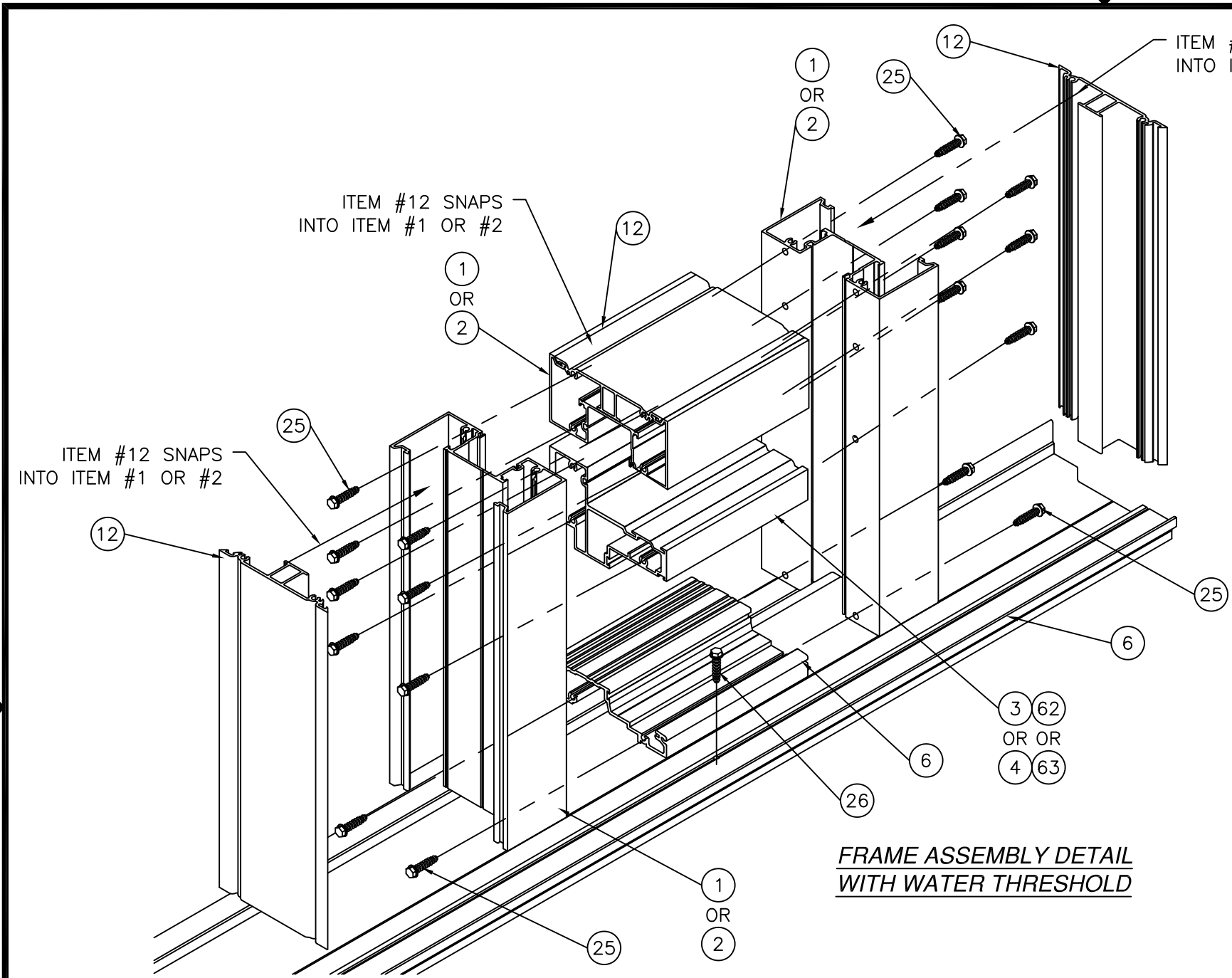
DATE
06/12/12

SHEET
14 OF 15

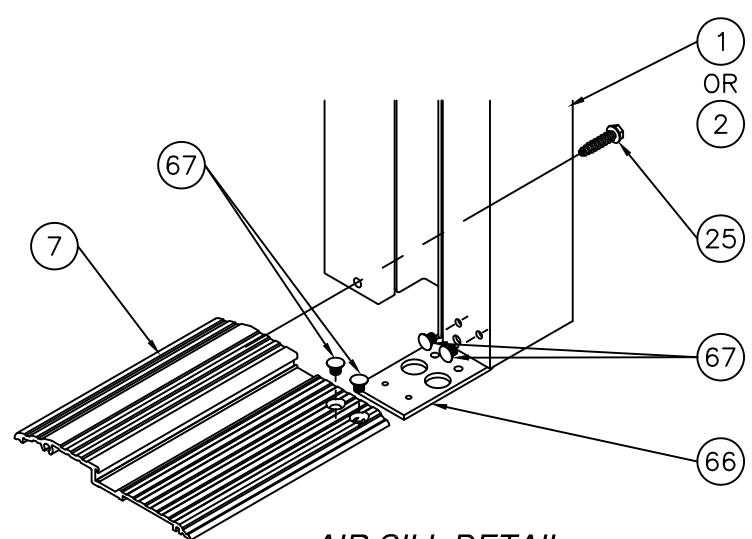
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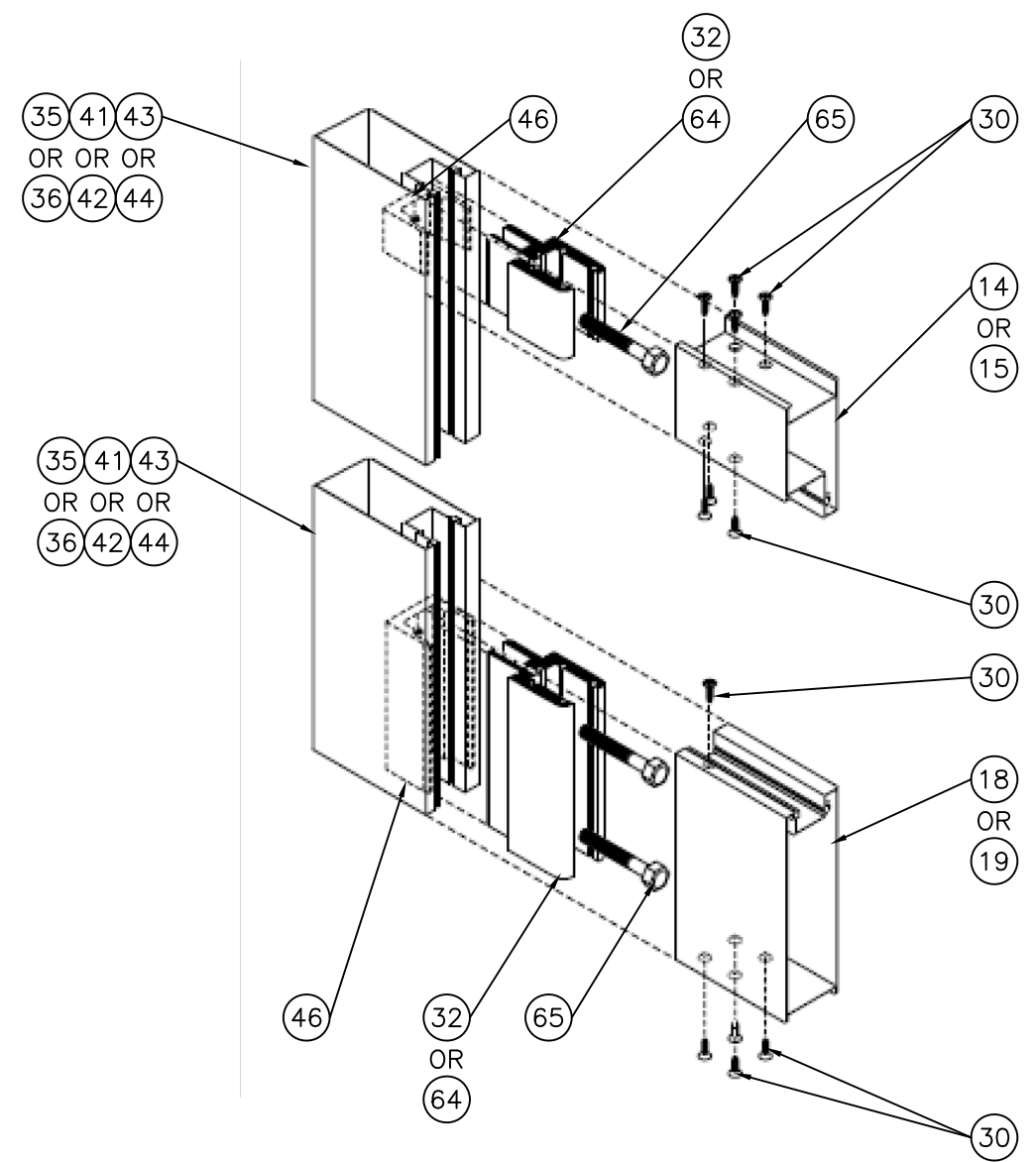
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FL No.: 62514



FRAME ASSEMBLY DETAIL
WITH WATER THRESHOLD



AIR SILL DETAIL



PANEL ASSEMBLY DETAIL

REVISIONS			
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US ALUMINUM
9050 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT OS ALUMINUM
STOREFRONT DOOR SYSTEM NON-IMPACT
PANEL AND FRAME ASSEMBLY DETAILS

DRAWN: AP
SCALE NTS

DWG NO. 08-01579
DATE 06/12/12

REV D
SHEET 15 OF 15

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
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