

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	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 NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
13. FOR ANCHORING HEAD AND JAMB 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" 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 JAMB 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" 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.
17. FOR ANCHORING SILL 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
21. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLE. CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING WITH GLAZING AND ASSEMBLY REQUIREMENTS.
22. GLAZING OPTION 1 AND 3 MUST BE USED WHEN PRODUCT IS INSTALLED AT 30FT OR GREATER ABOVE GROUND LEVEL.

SIGNED: 09/03/2026

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US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT - LMI
NOTES

DRAWN:
TJH

DWG NO.
08-01576

REV
F

SCALE NTS

DATE 09/08/09

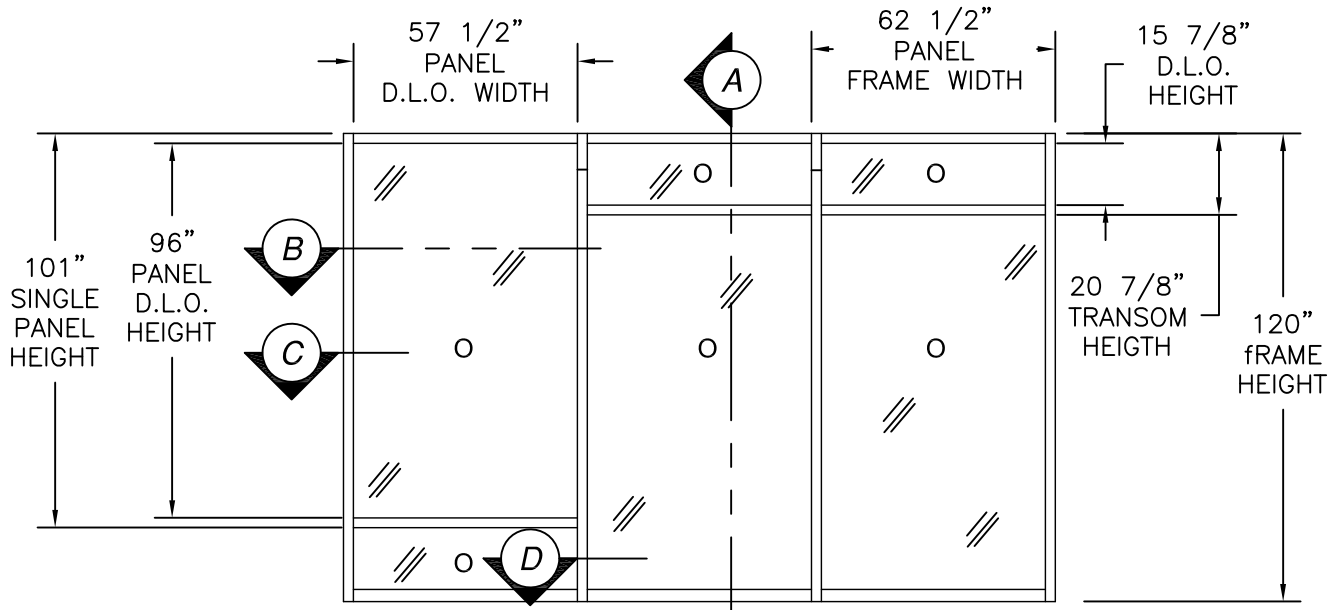
SHEET 1 OF 12

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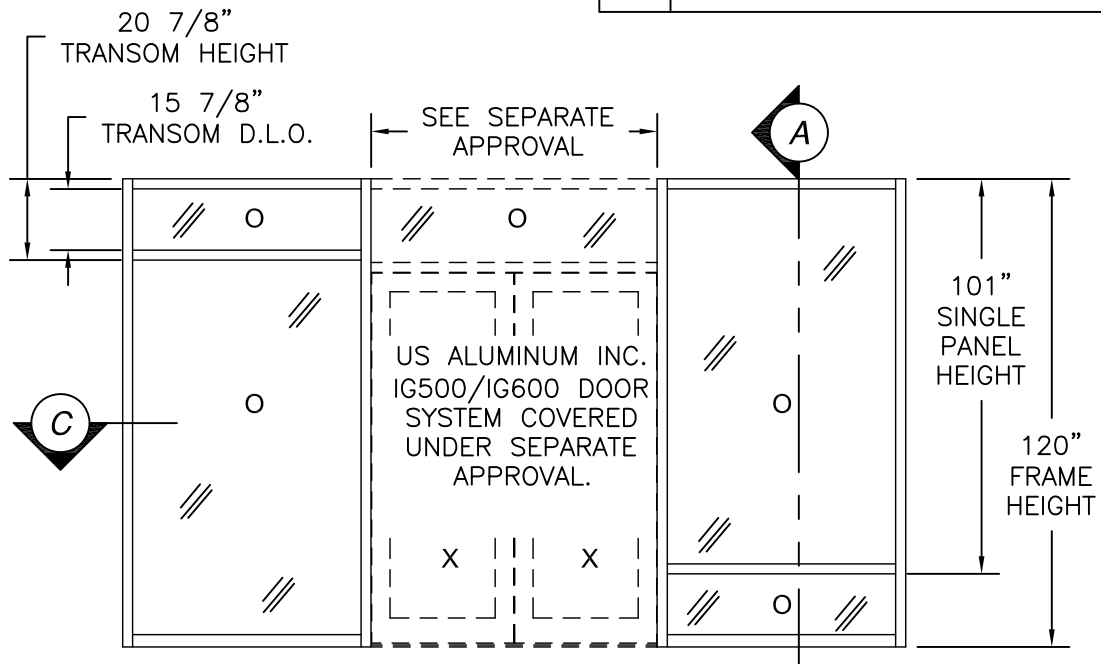
LUIS R. LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

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SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT
WITH REINFORCED MULL
EXTERIOR VIEW



SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT WITH DOUBLE DOOR
WITH REINFORCED MULL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

Design pressure capacity chart (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		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
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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	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	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	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
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US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT – LMI
ELEVATION AND CHARTS

DRAWN:
TJH

DWG NO.
08-01576

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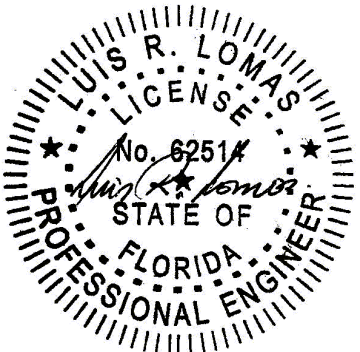
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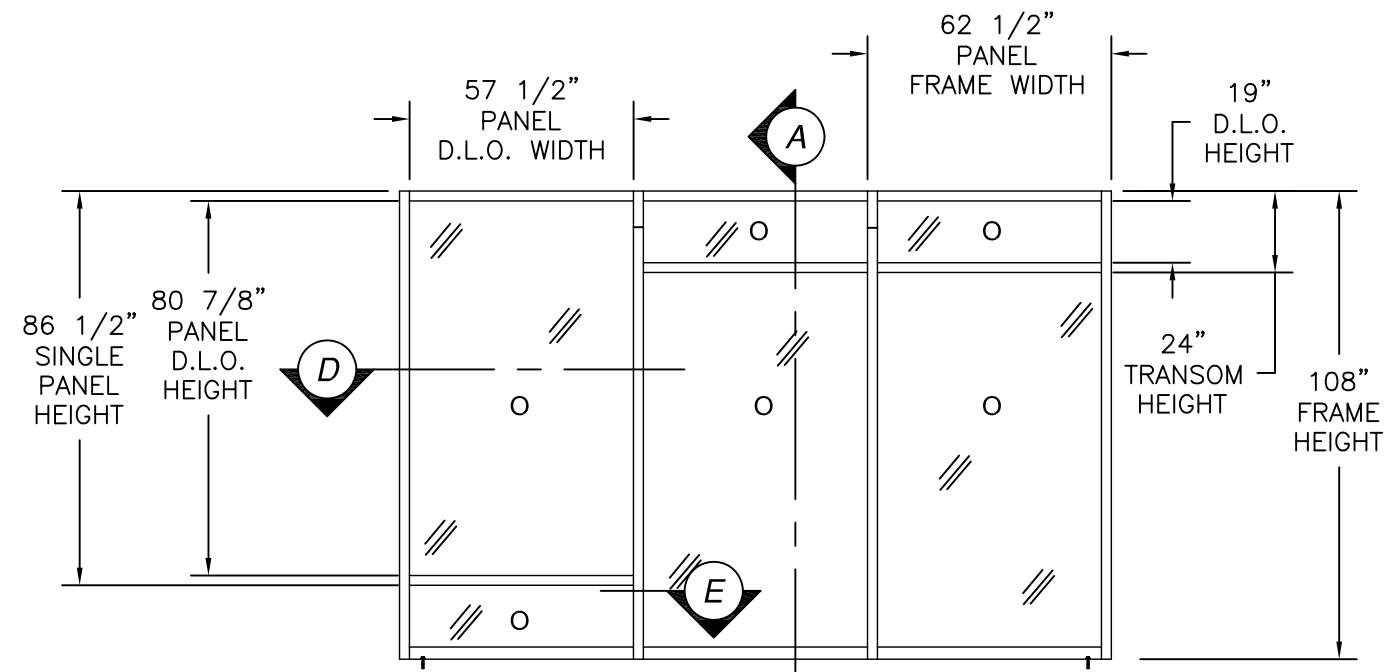
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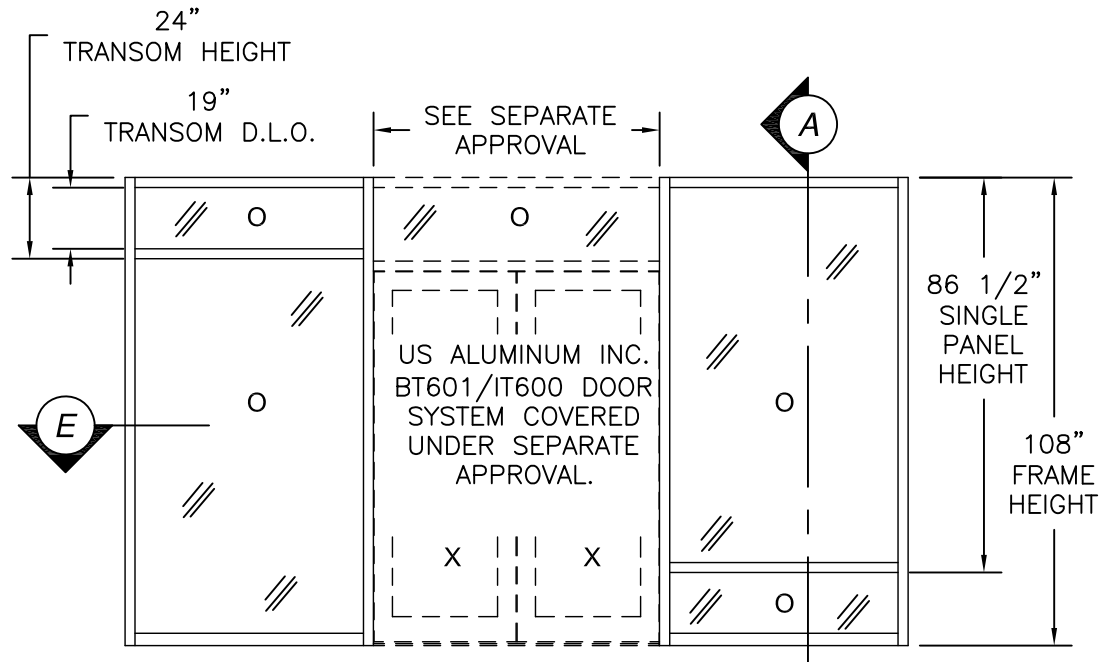


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SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT
WITH NON-REINFORCED MULL
EXTERIOR VIEW



SERIES BT601/IT600 STORM FRONT ALUMINUM
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DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

Design pressure capacity chart (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
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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	-	-	-	-	-
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	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-

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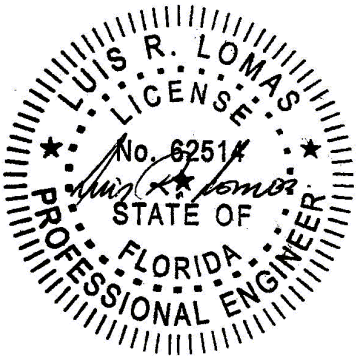
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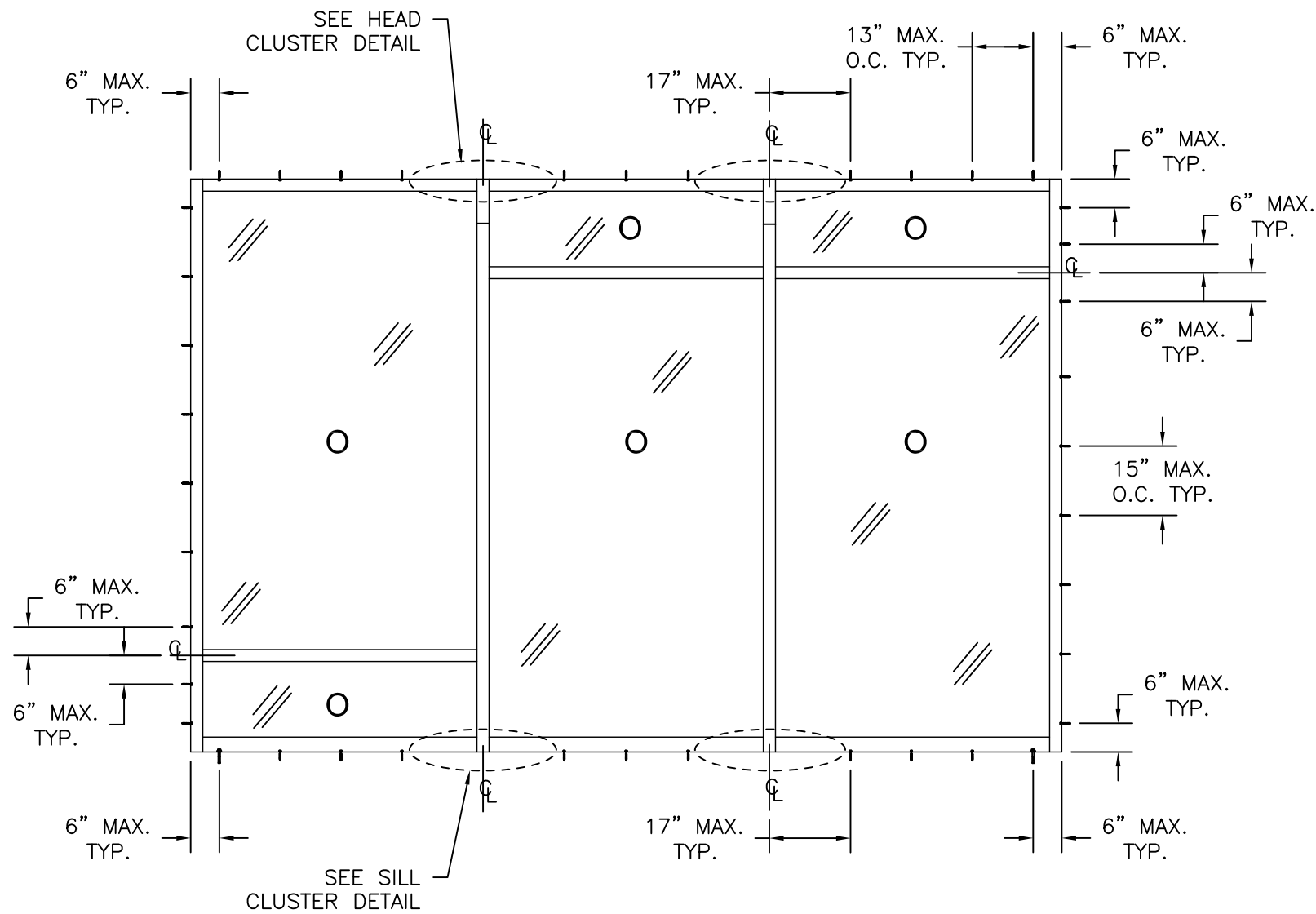
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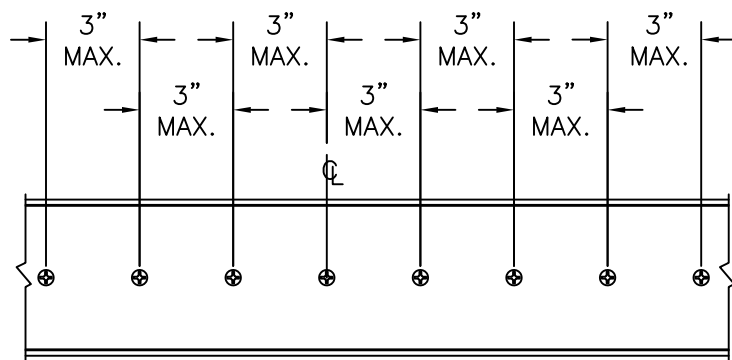


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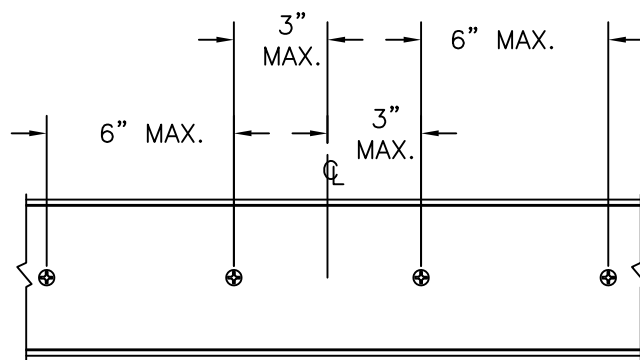
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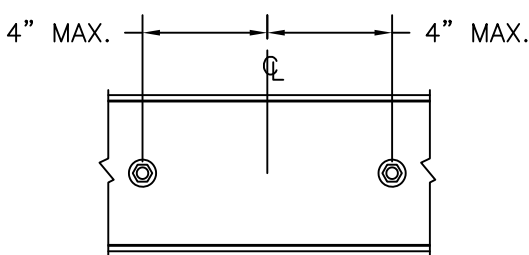
SERIES IG500/IG600 ALUMINUM FIXED STORE FRONT
EXTERIOR VIEW



HEAD CLUSTER DETAIL
WOOD FRAMING OR STEEL
FRAMING INSTALLATION



HEAD CLUSTER DETAIL
CONCRETE INSTALATION



SILL CLUSTER DETAIL
CONCRETE INSTALLATION

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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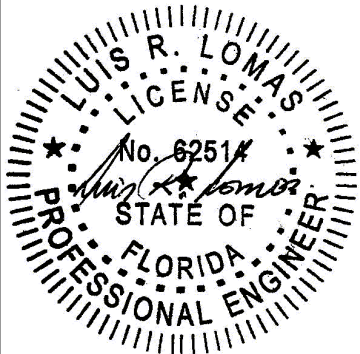
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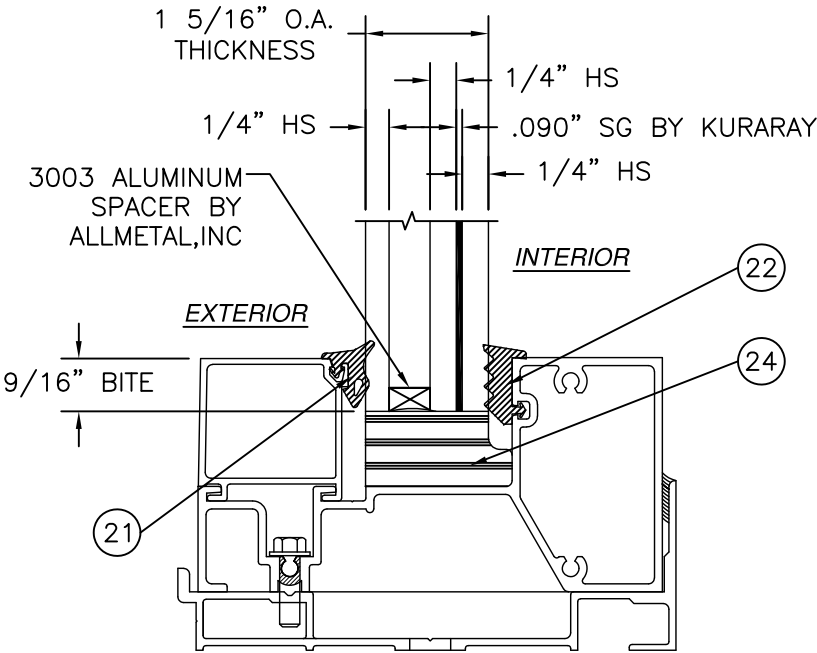
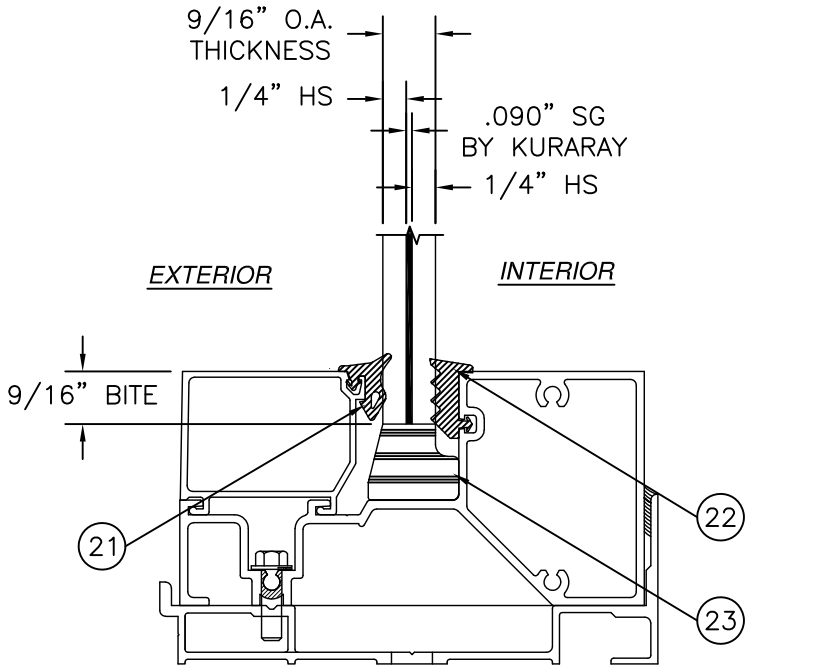
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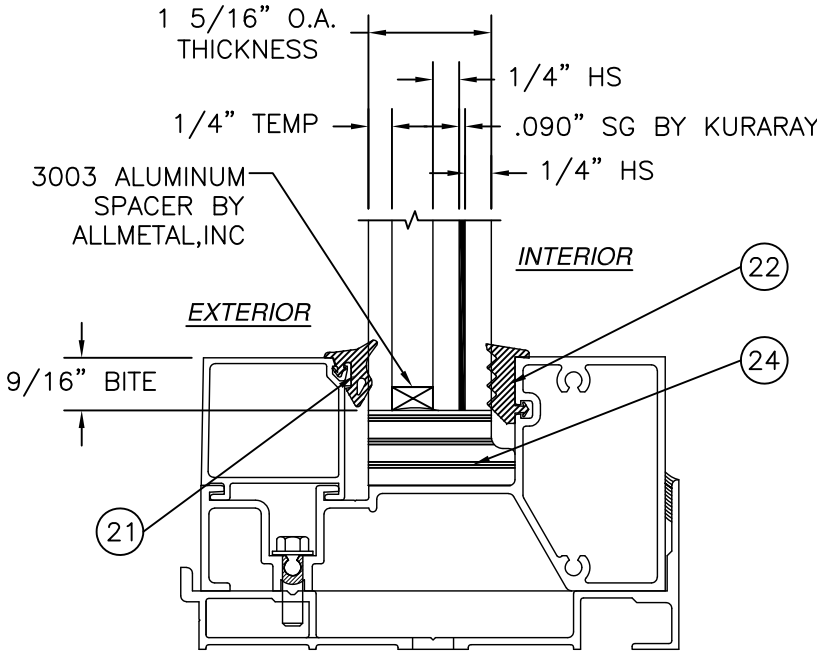


Luis R. Lomas P.E.
FL No.: 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	IG526	MAIN FRAME – 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
2	IG626	MAIN FRAME – 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
3	IG572	SILL – 9/16" GLASS	US ALUMINUM	6063-T5
4	IG672	SILL – 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
5	IG570	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5
6	IG562	HORIZONTAL MULL – 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
7	IG662	HORIZONTAL MULL – 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
8	IG524	FILLER VERTICAL – 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
9	IG624	FILLER VERTICAL – 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
10	IG563	STOP – 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
11	IG663	STOP – 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
12	IG100	FILLER JAMB/HEAD	US ALUMINUM	ALUMINUM 6063-T5
13	EC801	SUB-SILL END DAM	US ALUMINUM	A-245
14	CP801	VERTICAL CLOSER PLATE	US ALUMINUM	50 DUROMETER TPR
15	WD802	DEEP WATER DEFLECTOR		NYLON
16	WD801	SHALLOW WATER DEFLECTOR	US ALUMINUM	NYLON
17	WD912	DEEP WATER DEFLECTOR	US ALUMINUM	NYLON
18	WD911	SHALLOW WATER DEFLECTOR	US ALUMINUM	NYLON
19	WD803	JAMB WATER DEFLECTOR	US ALUMINUM	NYLON
20	WD913	JAMB WATER DEFLECTOR	US ALUMINUM	NYLON
21	NP825	EXTERIOR GASKET	TREMCO	EPDM 70 DURO
22	NP826	INTERIOR GASKET	TREMCO	EPDM 70 DURO
23	SB916	SETTING BLOCK – 9/16" GLASS	US ALUMINUM	EPDM 85 DURO
24	SB917	SETTING BLOCK – 1 5/16" GLASS	US ALUMINUM	EPDM 85 DURO
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	WB600	W BLOCK .688" WIDE		
30	ST035	#10 x 5/8" FH SMS		
31	DOW995	SILICONE SEALANT	DOW CORNING	SILICONE



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



GLAZING DETAIL "C"

GLAZING DETAIL "B"

GLAZING DETAIL "A"

SIGNED: 09/03/2026

US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT – LMI
B.O.M. & GLAZING DETAILS

DRAWN:
TJH

DWG NO.
08-01576

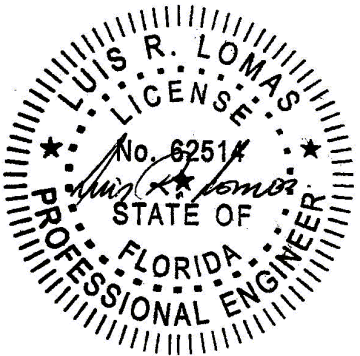
REV
F

SCALE
NTS

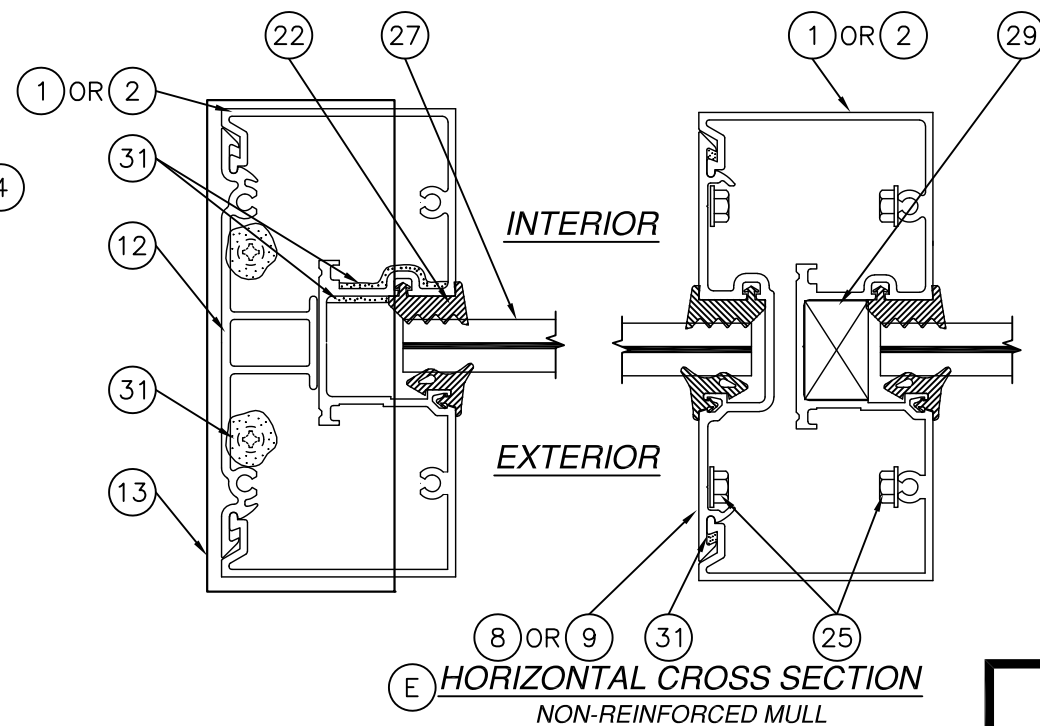
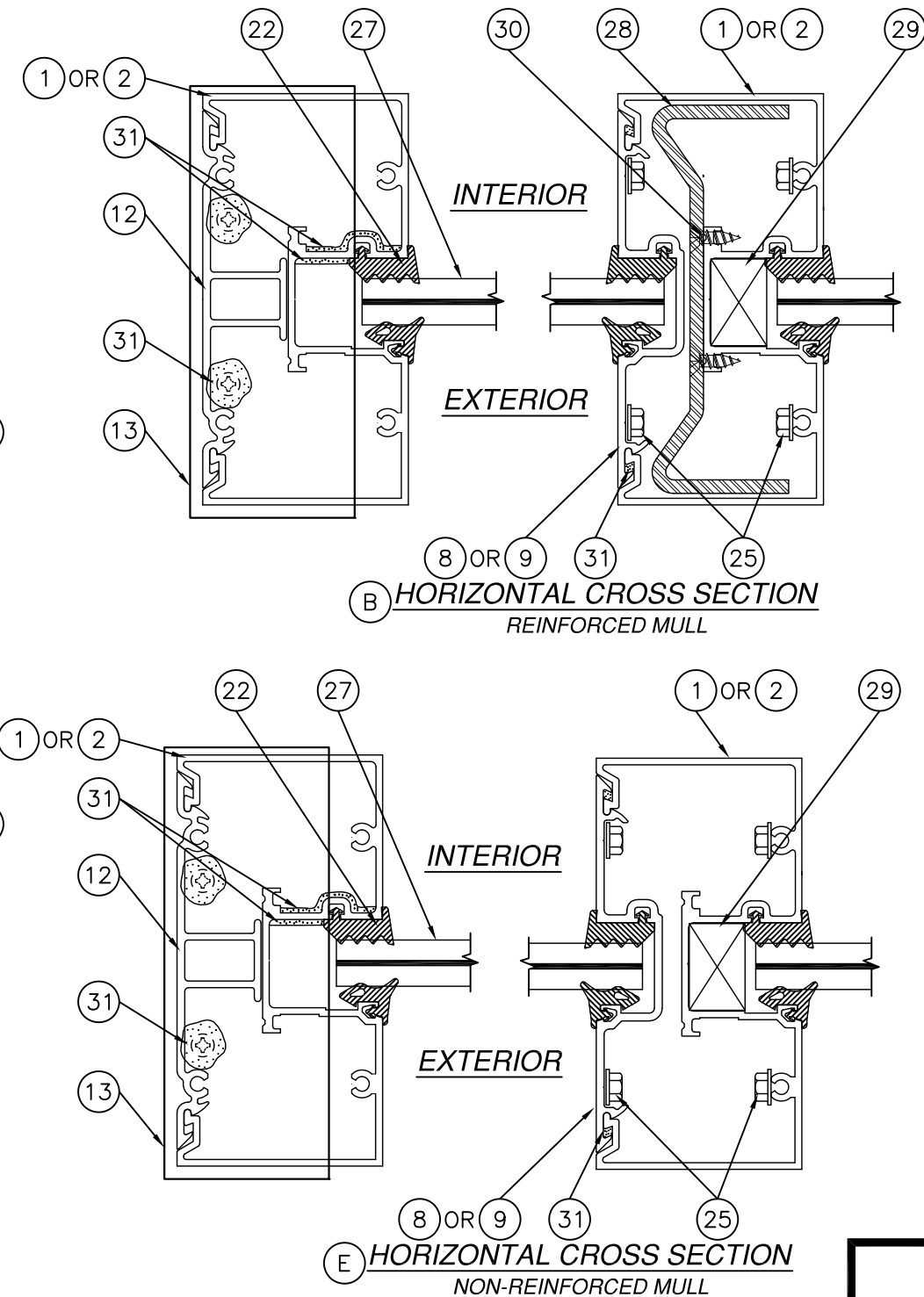
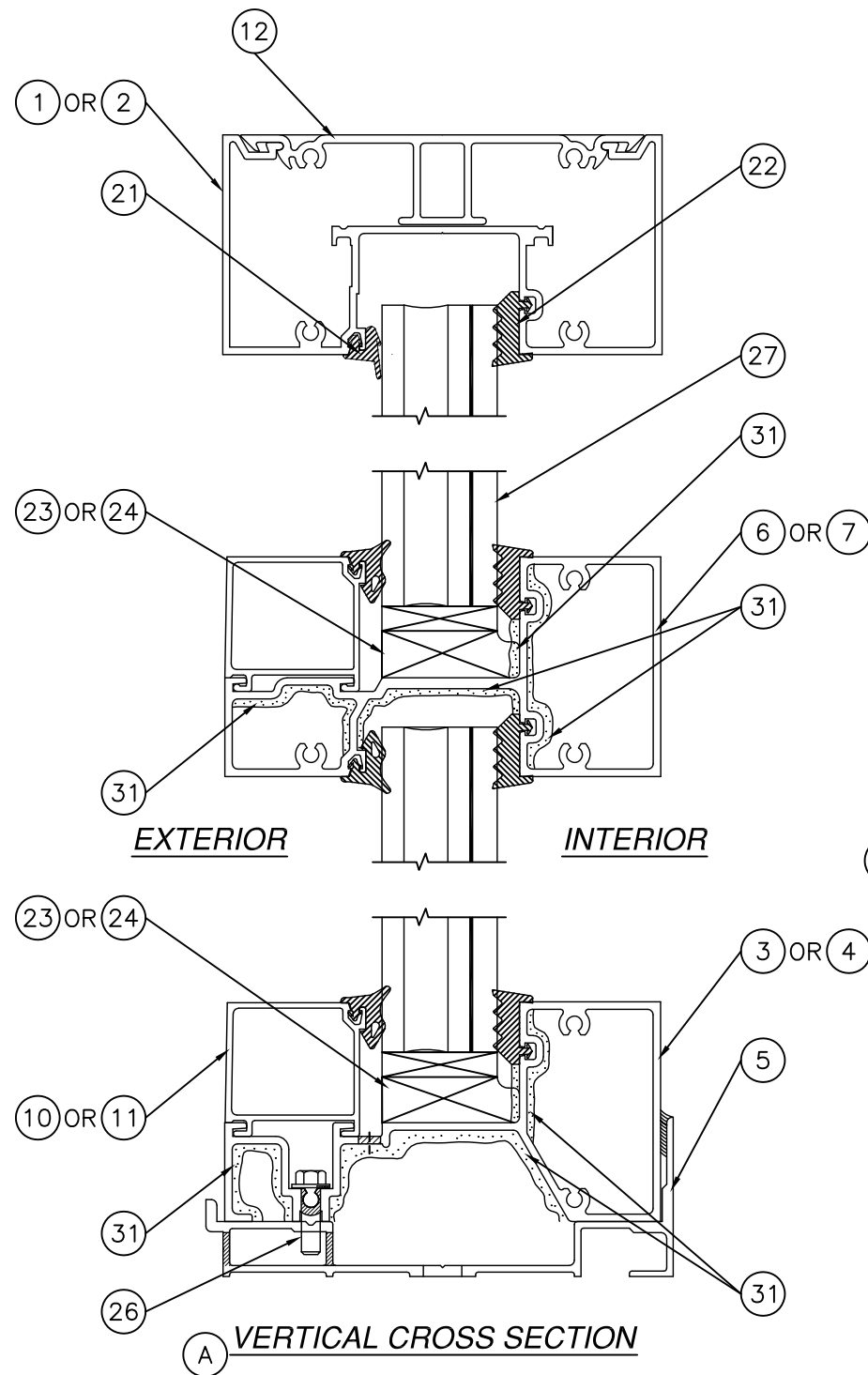
DATE
09/08/09

SHEET
5 OF 12

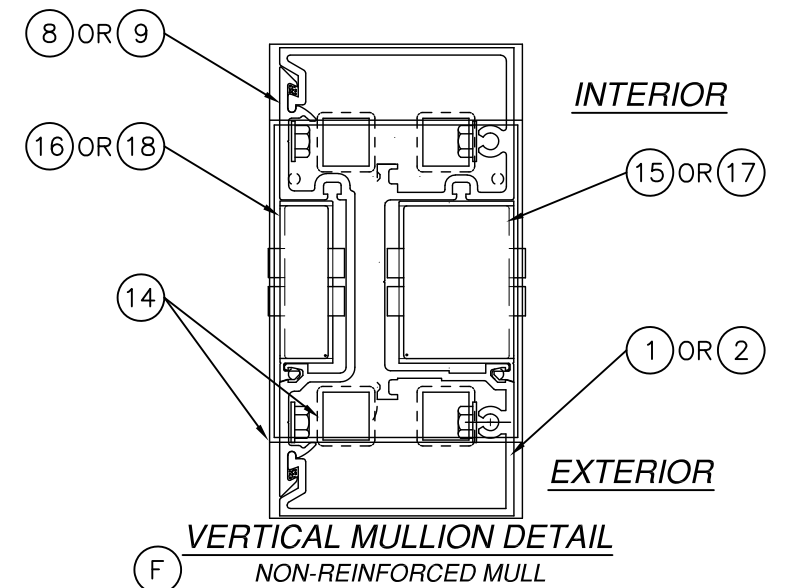
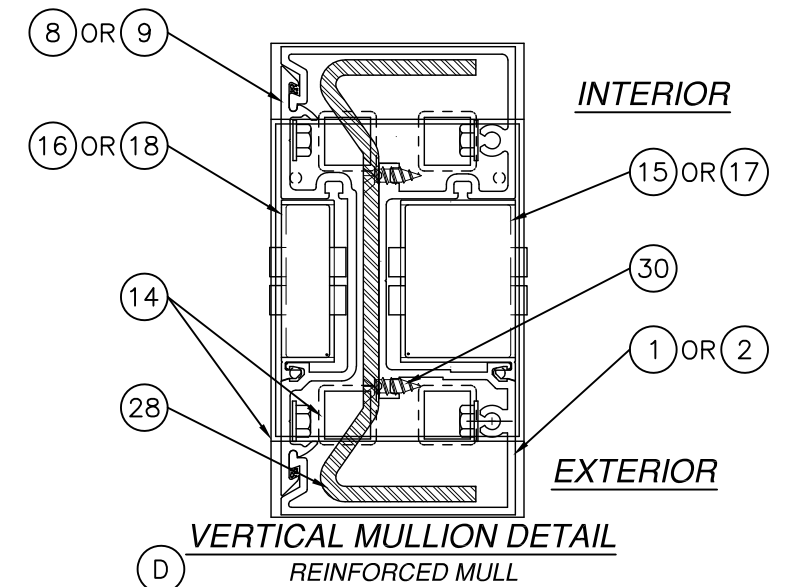
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



SIGNED: 09/03/2026

NOTE: FOR ANCHORING TO
SUBSTRATE SEE
SHEETS 7 THRU 9.

MULLION ASSEMBLY PROPERTIES

SINGLE GLAZED:

TOTAL I_x (IN TERMS OF ALUMINUM) = 16.6481 in⁴

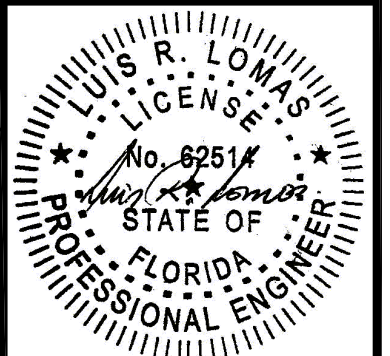
S_x ALUMINUM = (16.6481/2.5095 in) in³

IGU GLAZED:

TOTAL I_x (IN TERMS OF ALUMINUM): 16.9703 in⁴

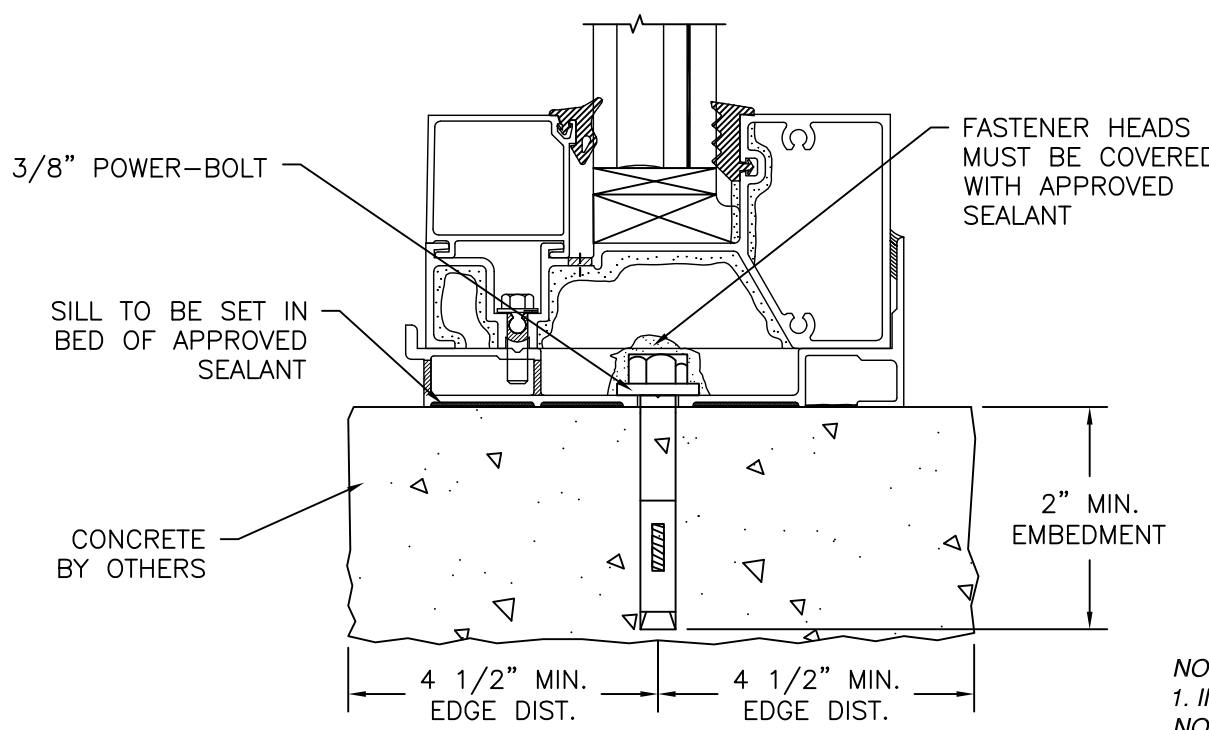
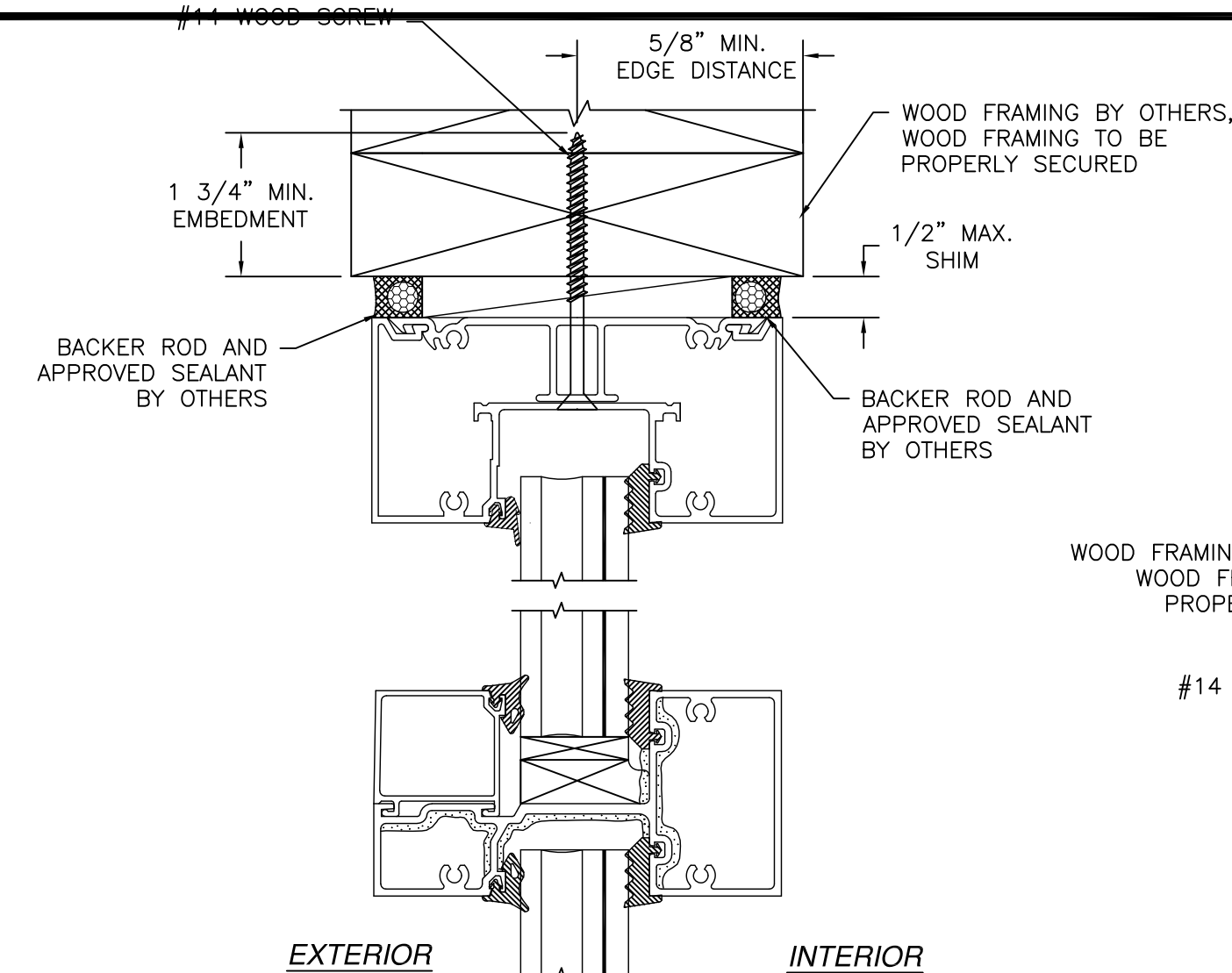
S_x ALUMINUM = (16.9703/2.5216 in) in³

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT – LMI CROSS SECTIONS		
DRAWN: TJH	DWG NO. 08-01576	REV F
SCALE NTS	DATE 09/08/09	SHEET 6 OF 12
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			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



A HEAD & SILL INSTALLATION
WOOD FRAMING AND CONCRETE

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

C JAMB INSTALLATION DETAIL
WOOD FRAMING

US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT – LMI
INSTALLATION DETAILS

DRAWN:
TJH

DWG NO.
08-01576

REV
F

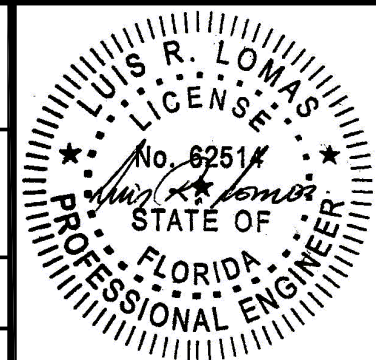
SCALE NTS

DATE 09/08/09

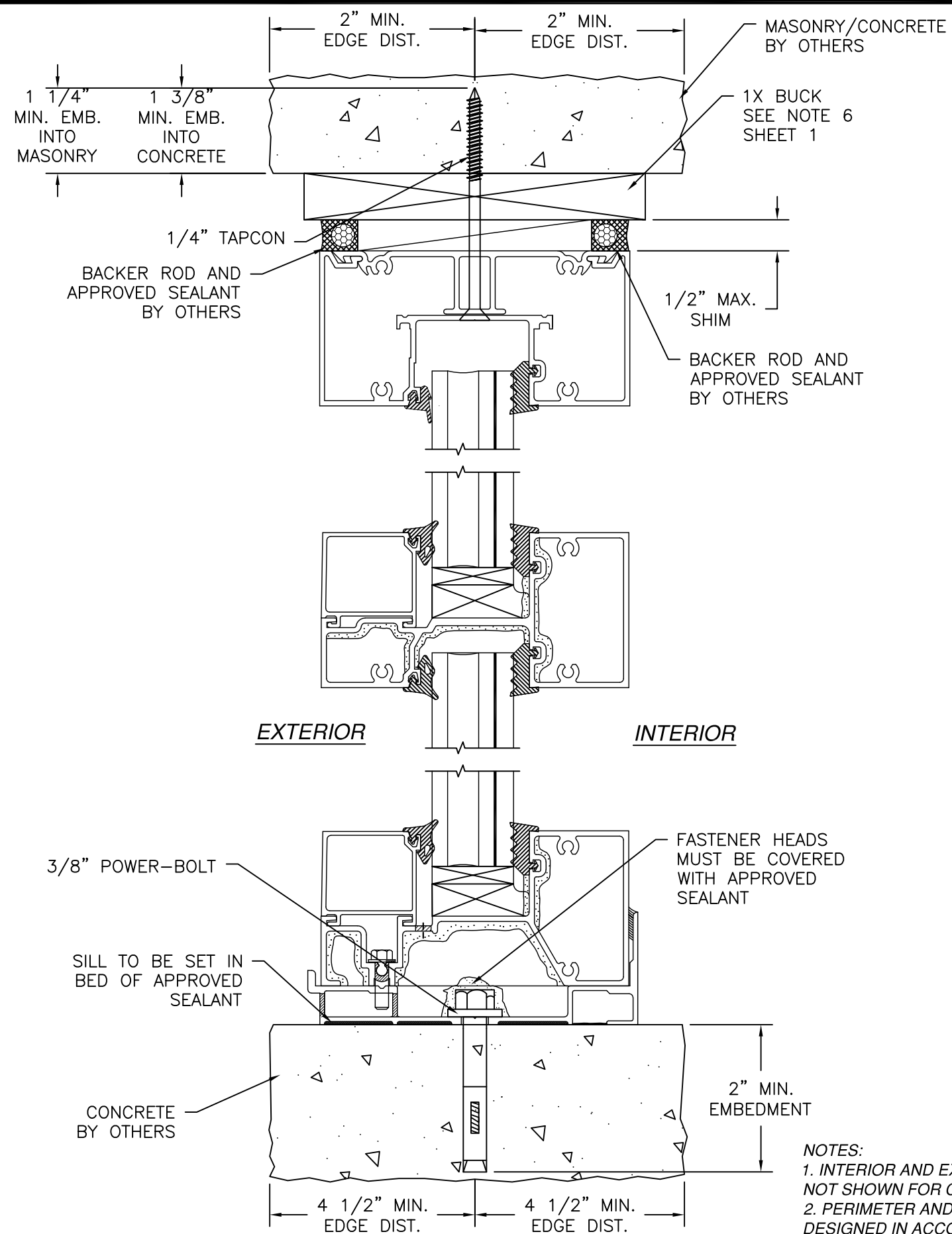
SHEET 7 OF 12

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

SIGNED: 09/03/2026



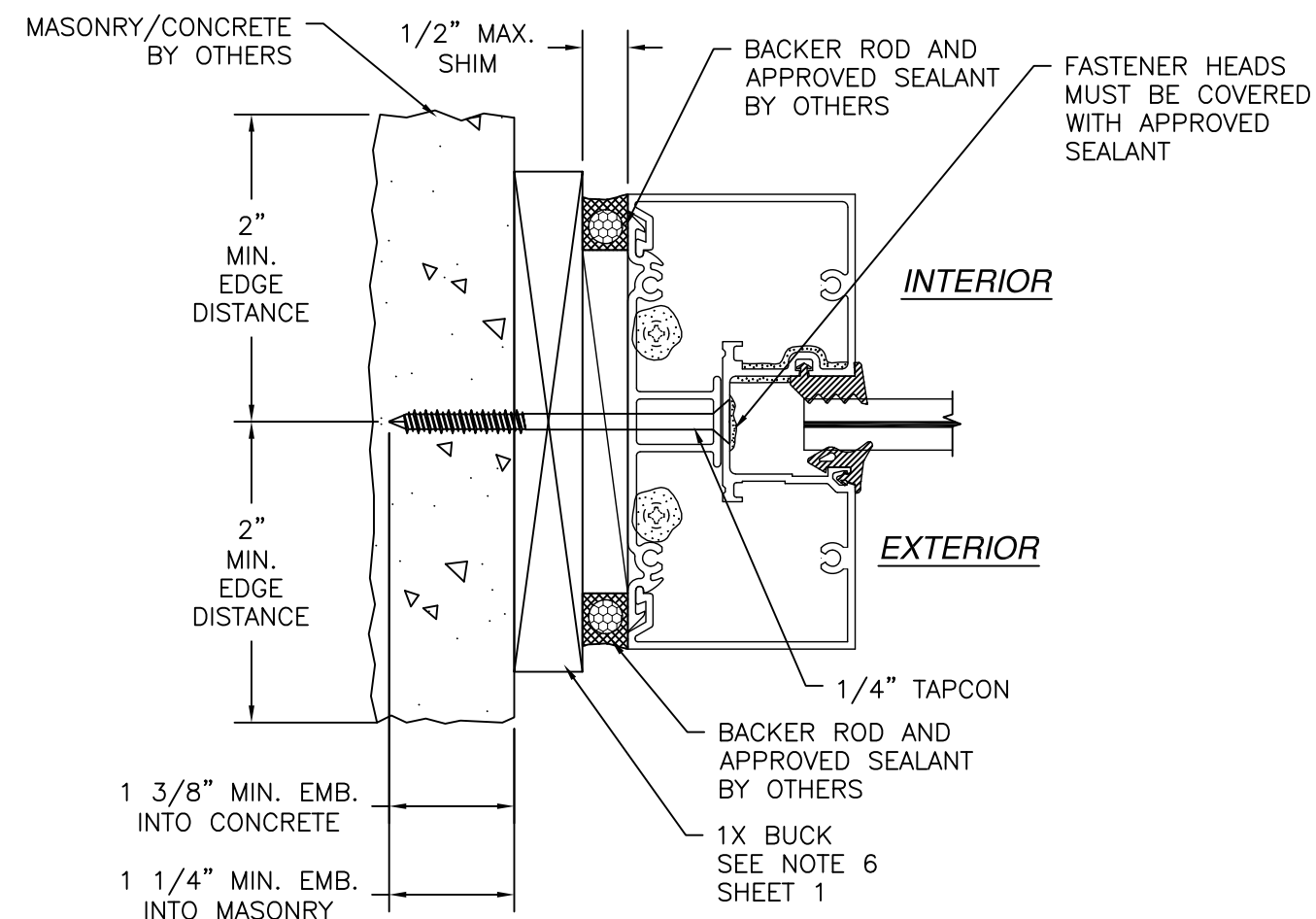
Luis R. Lomas P.E.
FL No.: 62514



(A) **HEAD & SILL INSTALLATION**
MASONRY/CONCRETE

- 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

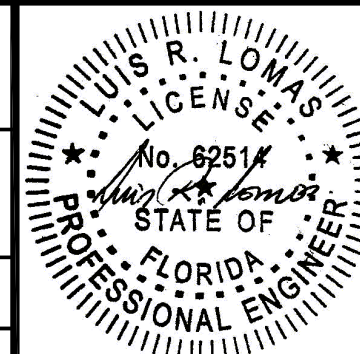
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



(C) **JAMB INSTALLATION**
MASONRY/CONCRETE

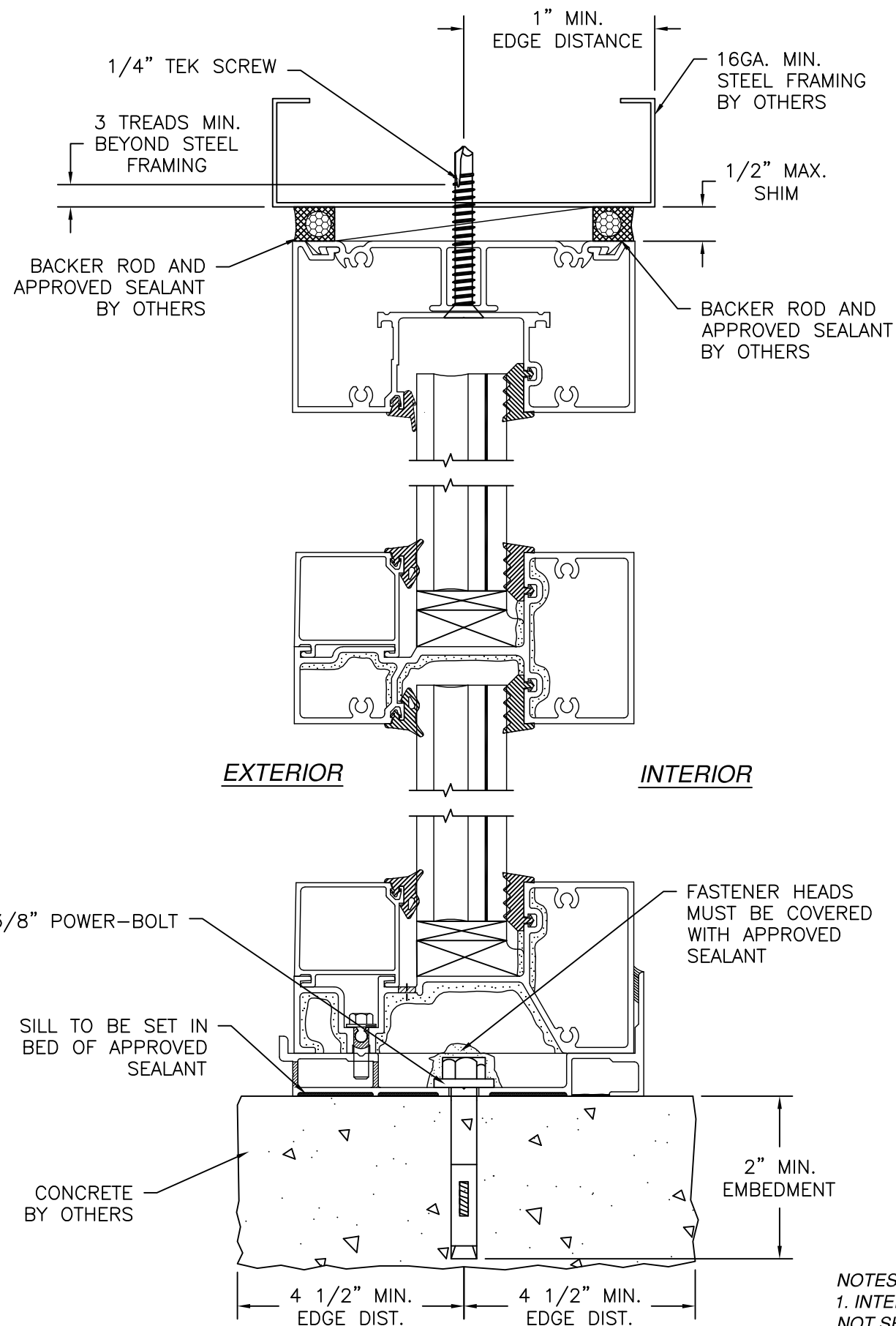
SIGNED: 09/03/2026

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT - LMI INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01576	REV F
SCALE NTS	DATE 09/08/09	SHEET 8 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



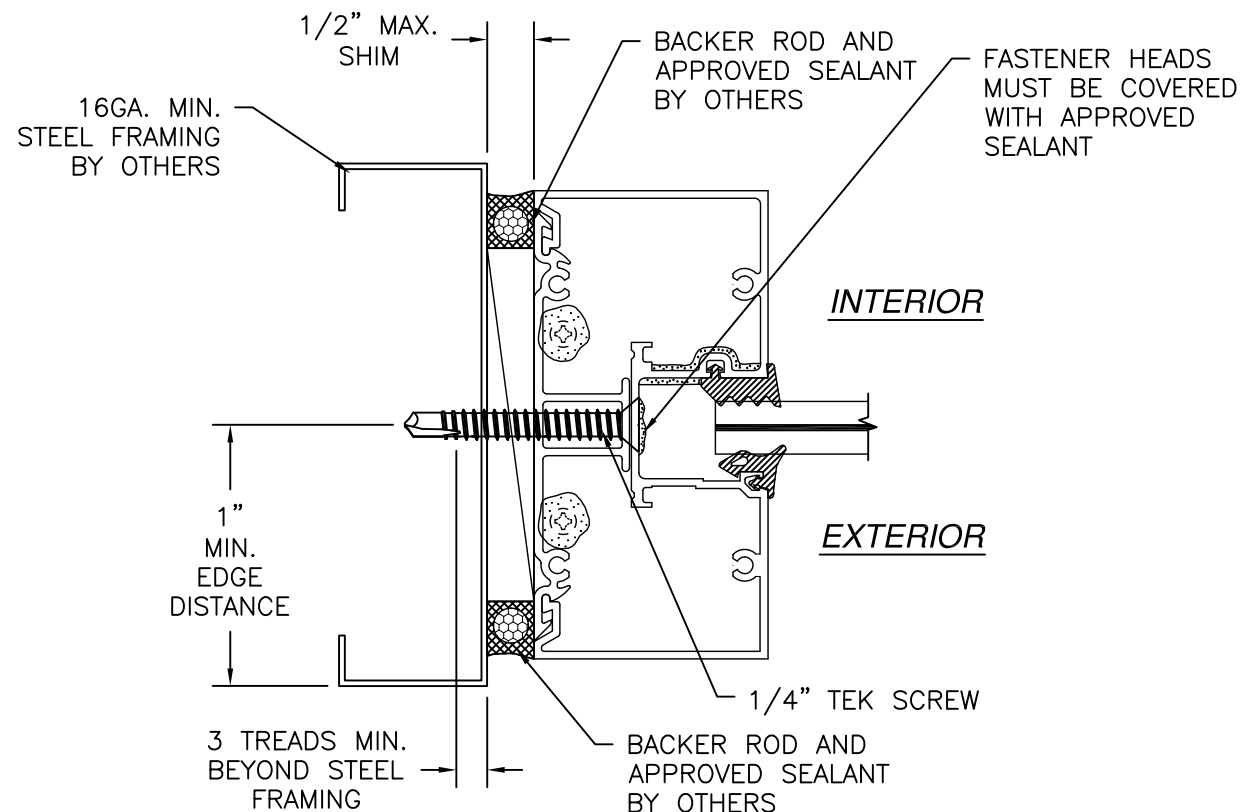
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



(A) **HEAD & SILL INSTALLATION**
STEEL FRAMING AND CONCRETE

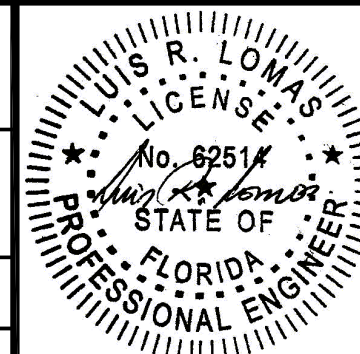
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



(C) **JAMB INSTALLATION**
STEEL FRAMING

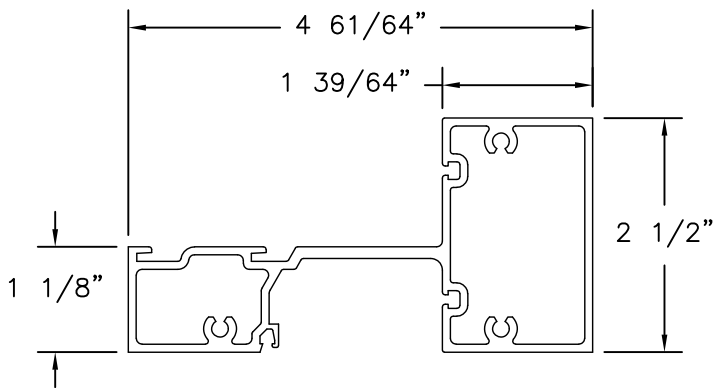
US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT – LMI INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01576	REV F
SCALE NTS	DATE 09/08/09	SHEET 9 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/03/2026

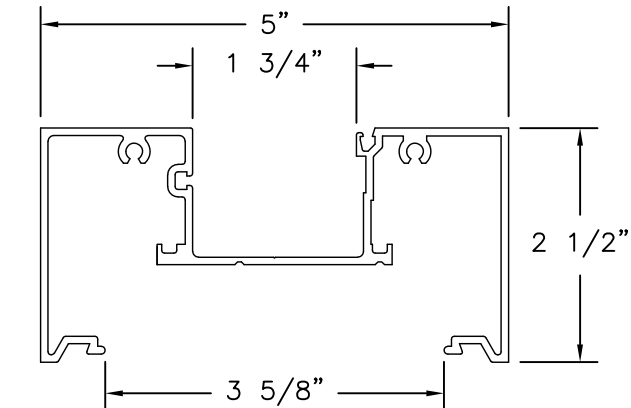


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FL No.: 62514

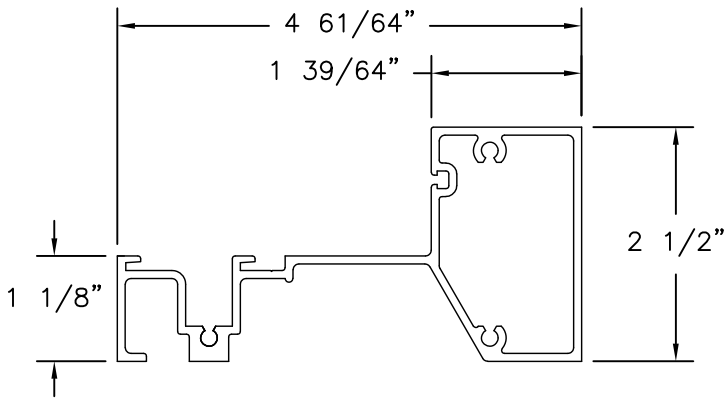
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



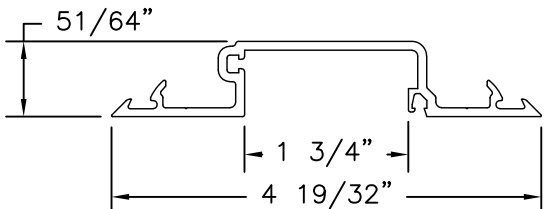
⑦ **HORIZONTAL MULL - 1 5/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .085" THICK



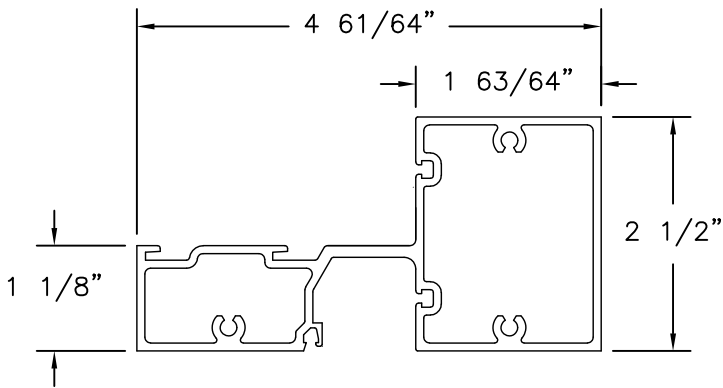
② **MAIN FRAME - 1 5/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .080" THICK



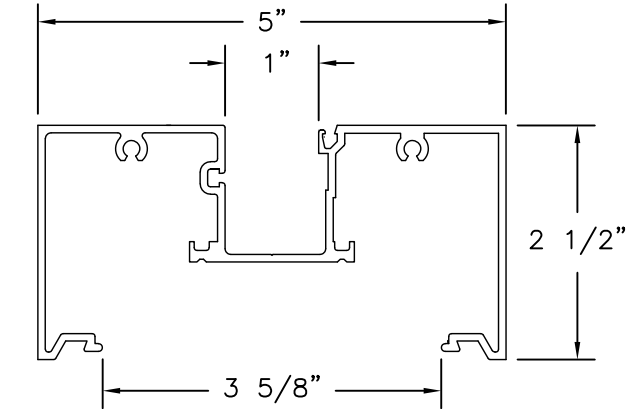
④ **SILL - 1 5/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .085" THICK



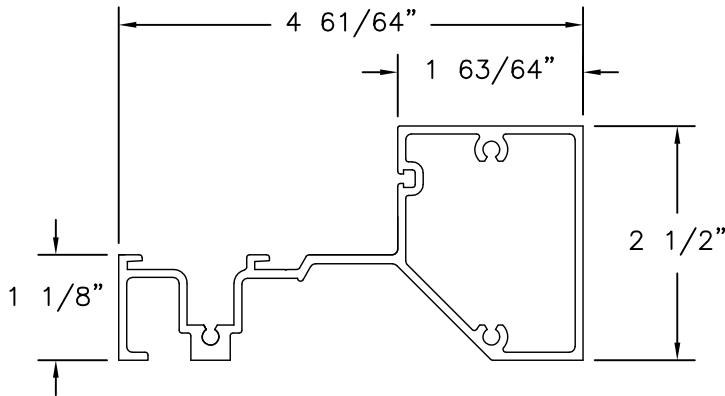
⑨ **FILLER VERTICAL - 1 5/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .095" THICK



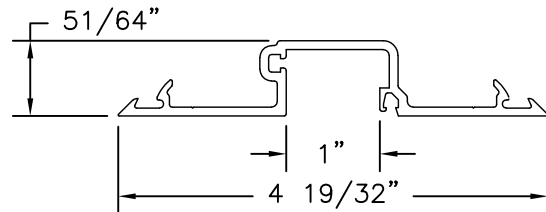
⑥ **HORIZONTAL MULL - 9/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .085" THICK



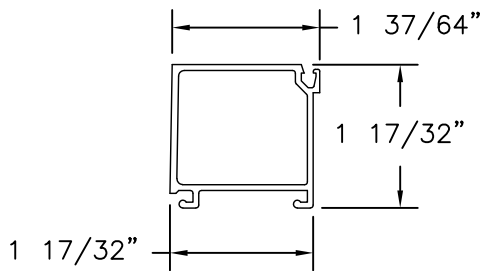
① **MAIN FRAME - 9/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .080" THICK



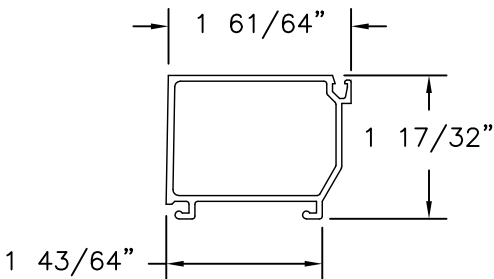
③ **SILL - 9/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .085" THICK



⑧ **FILLER VERTICAL - 9/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .095" THICK



⑪ **STOP - 1 5/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .062" THICK



⑩ **STOP - 9/16" GLASS**
 EXTRUDED ALUMINUM 6063-T5 .062" THICK

US ALUMINUM

950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM

STOREFRONT – LMI

COMPONENTS

DRAWN: TJH

DWG NO. 08-01576

REV F

SCALE NTS

DATE 09/08/09

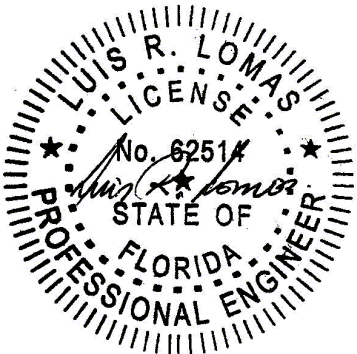
SHEET 10 OF 12

L. ROBERTO LOMAS P.E.

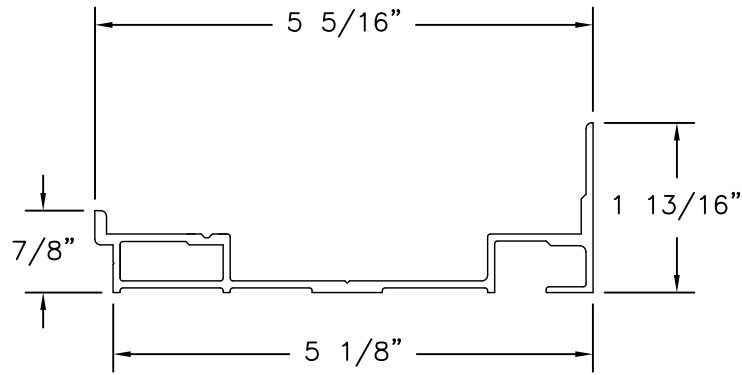
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

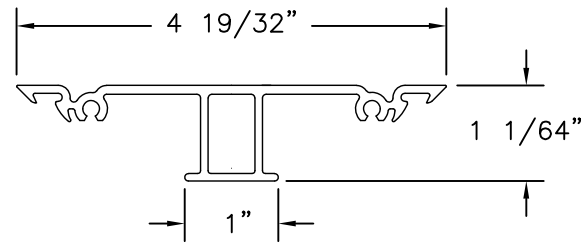
SIGNED: 09/03/2026



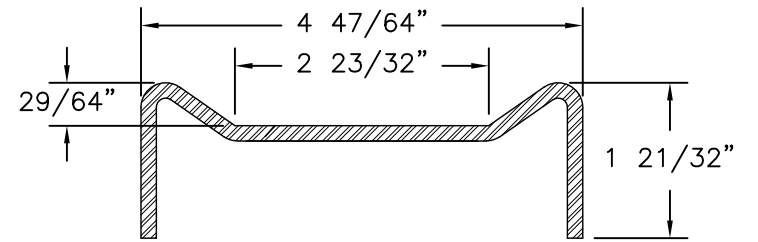
Luis R. Lomas P.E.
 FL No.: 62514



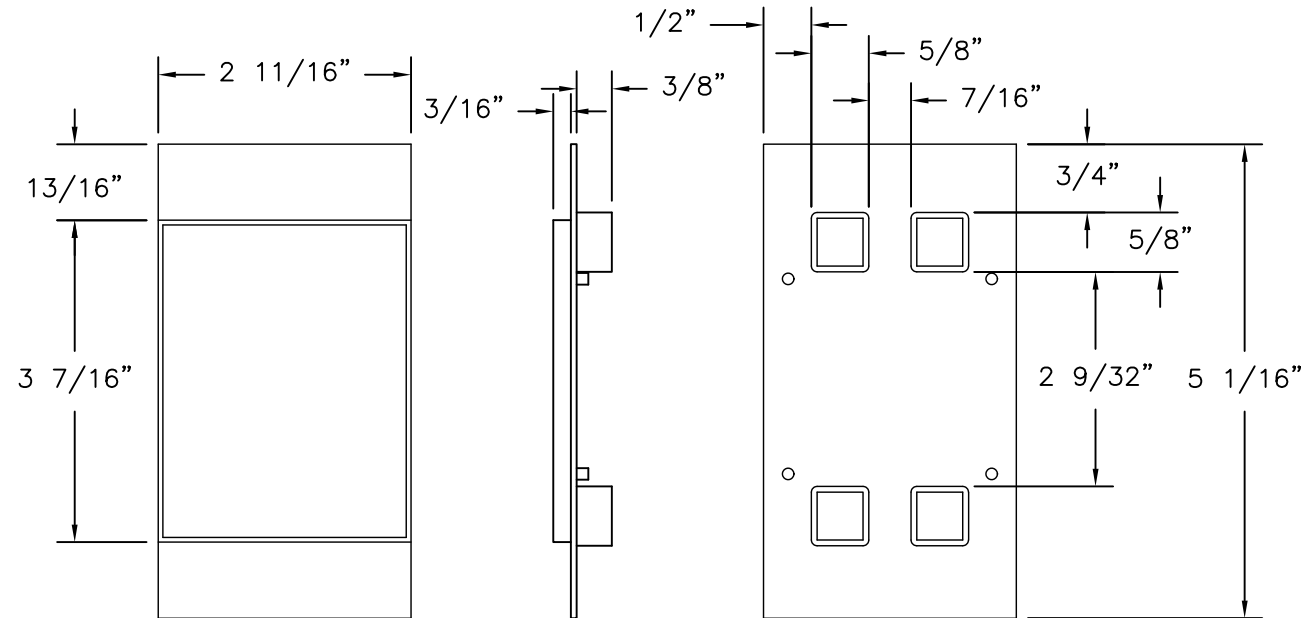
⑤ SUB SILL
EXTRUDED ALUMINUM 6063-T5 .075" THICK



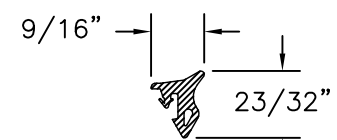
⑫ FILLER JAMB/HEAD
EXTRUDED ALUMINUM 6063-T5 .080" THICK



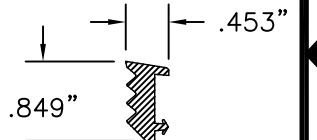
⑳ STEEL STIFFENER HEAVY
FORMED 8GA. A36 MILD STEEL



⑭ VERTICAL CLOSER PLATE
TPR 50 DUROMETER .062" THICK



㉑ EXTERIOR GASKET
70 DUROMETER EDPM



㉒ INTERIOR GASKET
EDPM SPONGE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.

US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT – LMI
COMPONENTS

DRAWN:
TJH

DWG NO.
08-01576

REV
F

SCALE NTS

DATE 09/08/09

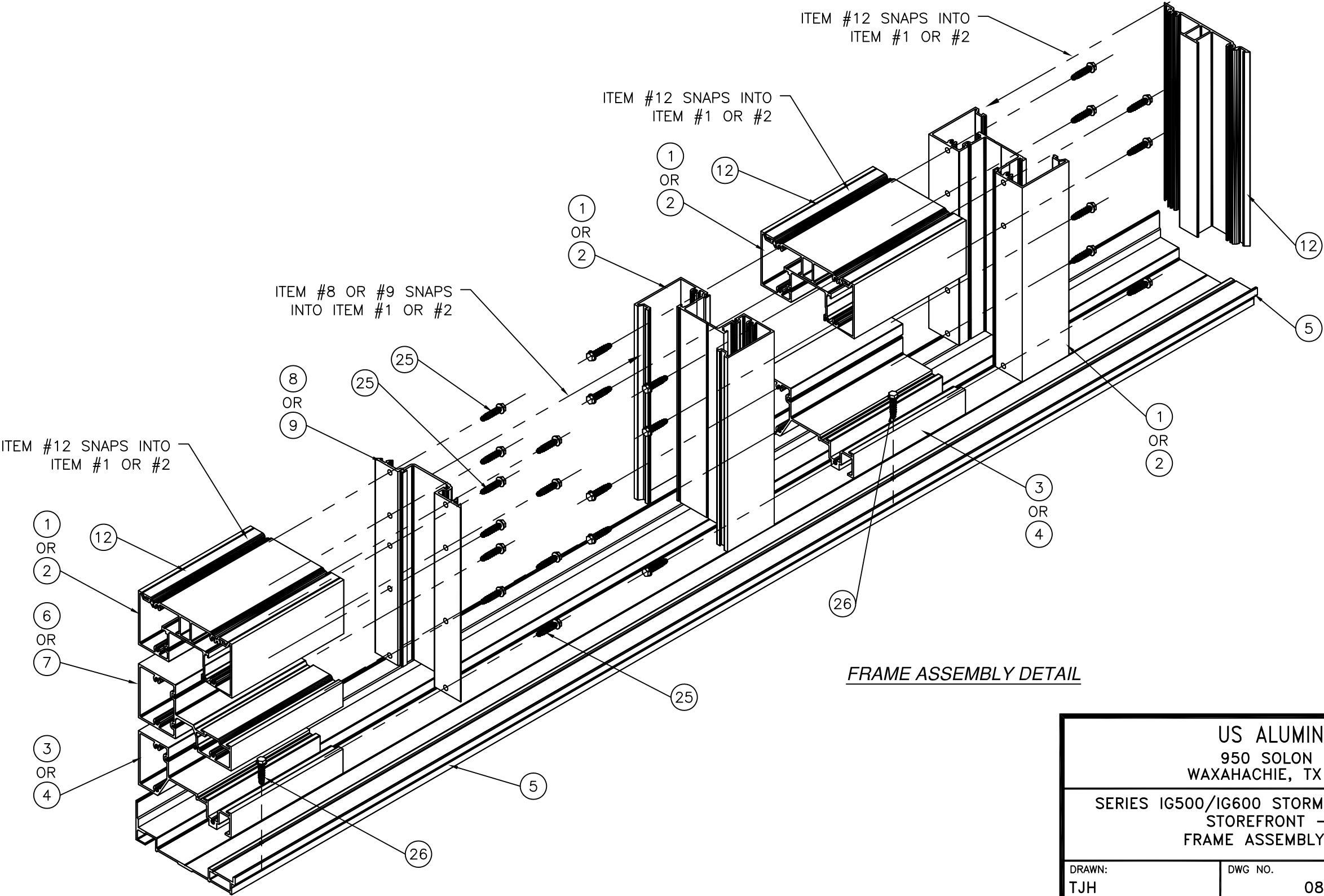
SHEET 11 OF 12

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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

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

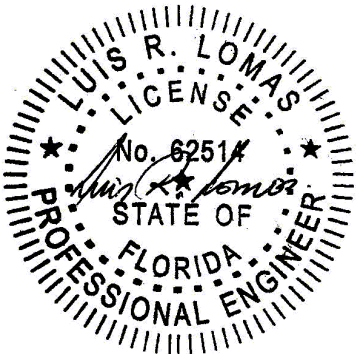
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
E	ADDED CORROSION CHART	09/03/26	R.L.



FRAME ASSEMBLY DETAIL

SIGNED: 09/03/2026

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT – LMI FRAME ASSEMBLY DETAIL		
DRAWN: TJH	DWG NO. 08-01576	REV F
SCALE NTS	DATE 09/08/09	SHEET 12 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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