

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
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 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. MULTIPLE PANELS MAY BE INSTALLED WITH AND WITHOUT TRANSOMS AS LONG AS INDIVIDUAL UNIT SIZES DOES NOT EXCEED PANEL SIZE SHOWN HEREIN.
23. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLED. CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING WITH GLAZING AND ASSEMBLY REQUIREMENTS.

SIGNED: 09/03/2026

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US ALUMINUM

950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM

STOREFRONT NON-IMPACT

NOTES

DRAWN: TJH

DWG NO. 08-01580

REV D

SCALE NTS

DATE 09/08/09

SHEET 1 OF 12

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LUIS R. LOMAS

LICENS. M. S.

No. 62514

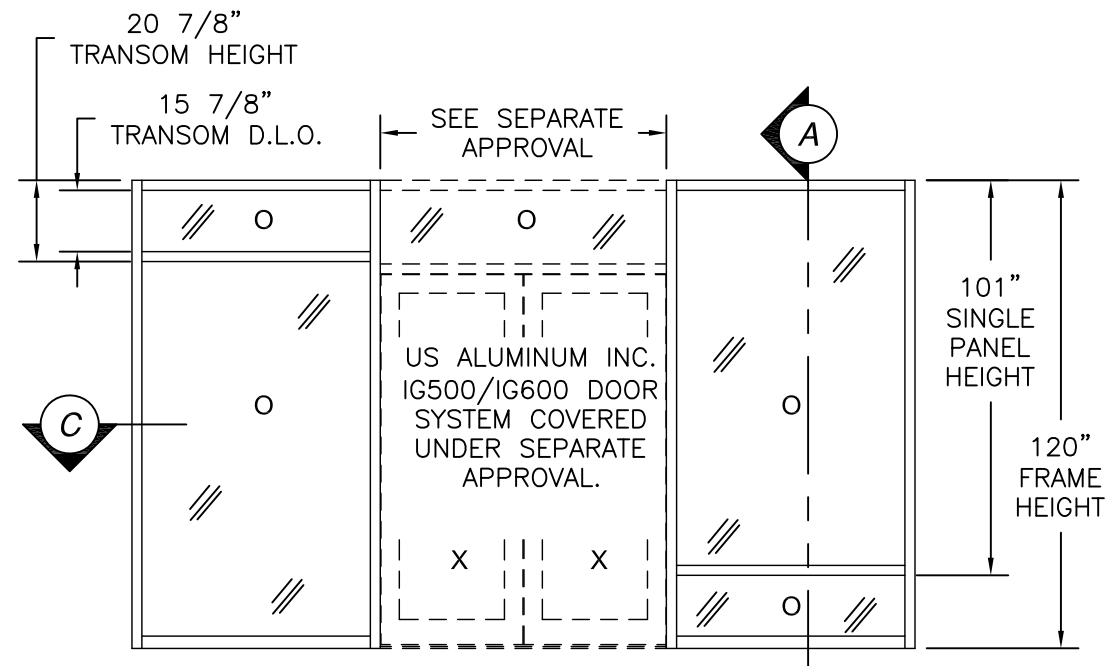
STATE OF FLORIDA

PROFESSIONAL ENGINEER

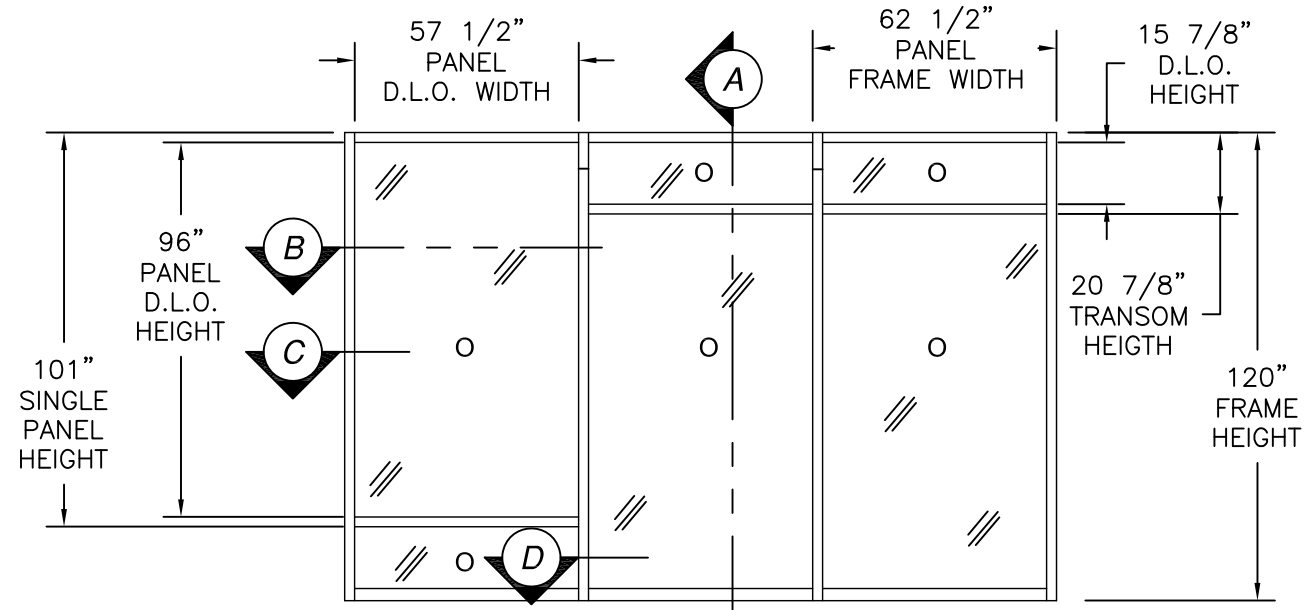
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**SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT WITH DOUBLE DOOR**
WITH REINFORCED MULL
EXTERIOR VIEW



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

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	NONE

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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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62.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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84.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT NON-IMPACT
REINFORCED ELEVATIONS

DRAWN:
TJH

DWG NO.
08-01580

REV
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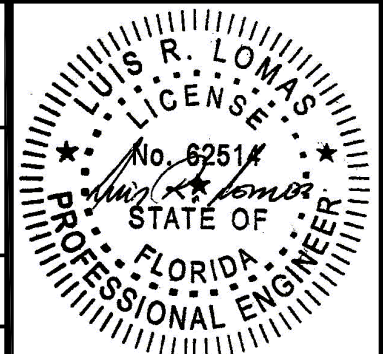
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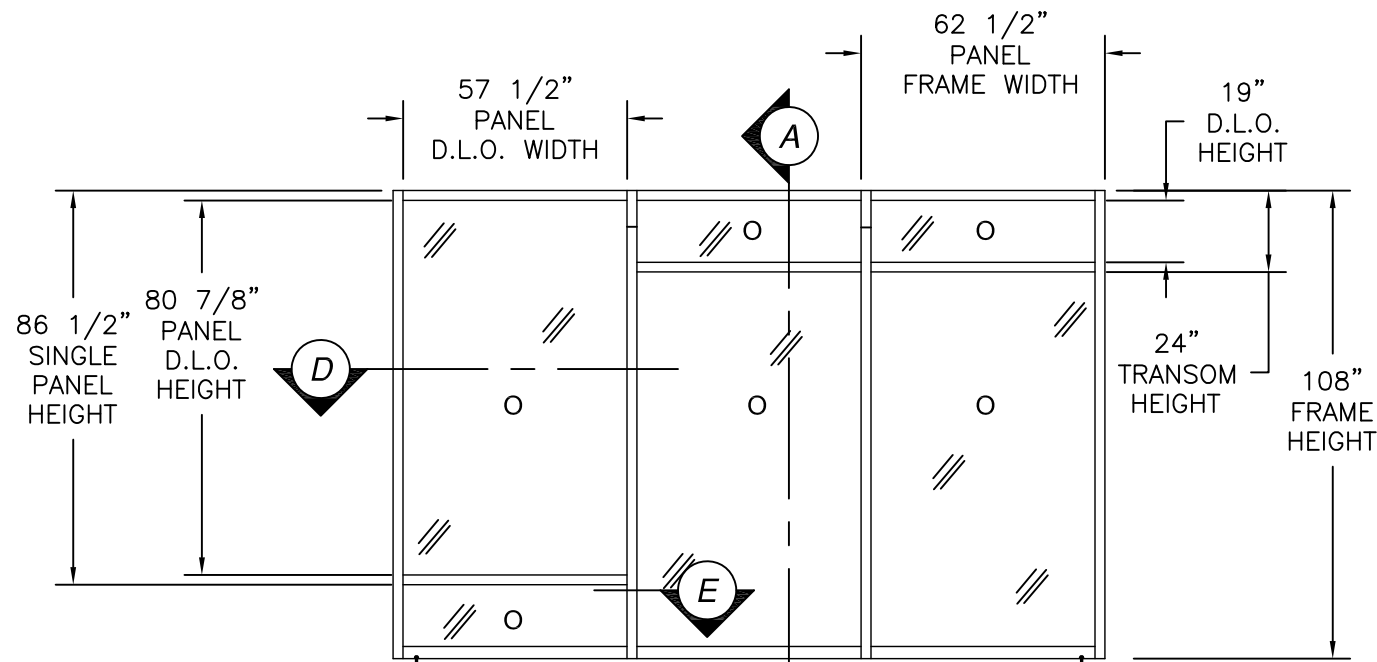
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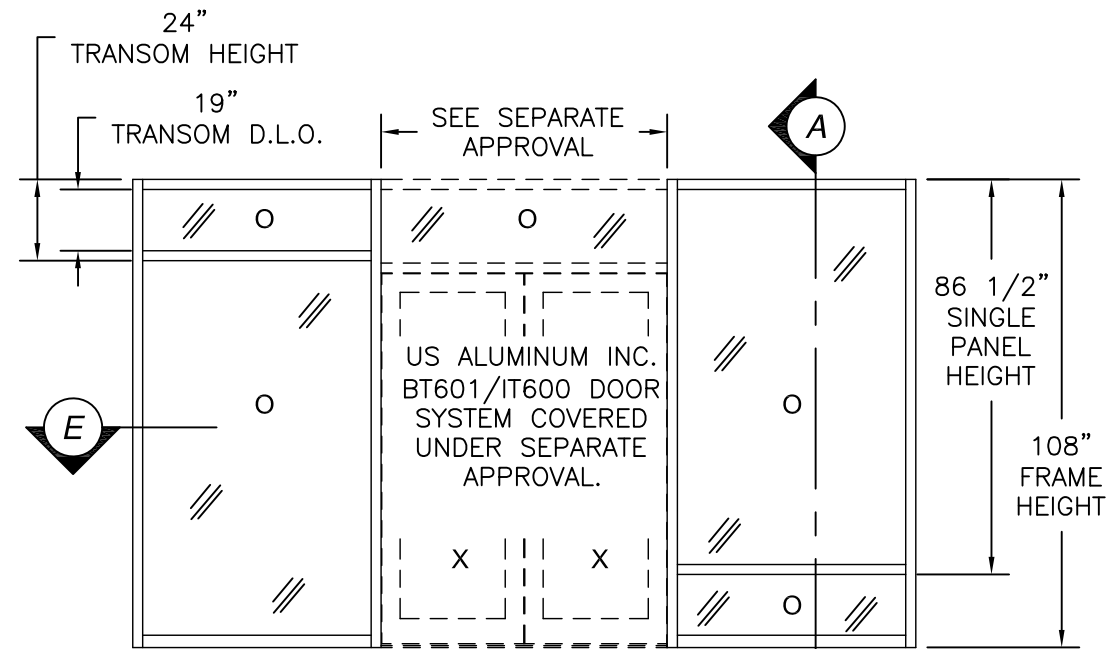


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SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT
WITH NON-REINFORCED MULL
EXTERIOR VIEW



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

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	NONE

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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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62.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	93.8	86.6	86.6	81.5	81.5	76.8	76.8	75.6	75.6	-	-	-	-	-	-	-
84.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.5	94.5	84.8	84.8	77.9	77.9	72.9	72.9	68.1	68.1	-	-	-	-	-	-	-
86.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.0	91.0	81.6	81.6	74.8	74.8	69.9	69.9	65.0	65.0	-	-	-	-	-	-	-

US ALUMINUM
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WAXAHACHIE, TX 75165

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STOREFRONT NON-IMPACT
NON-REINFORCED ELEVATIONS

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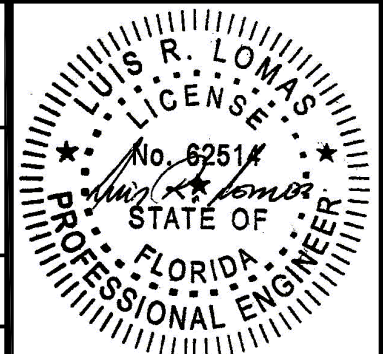
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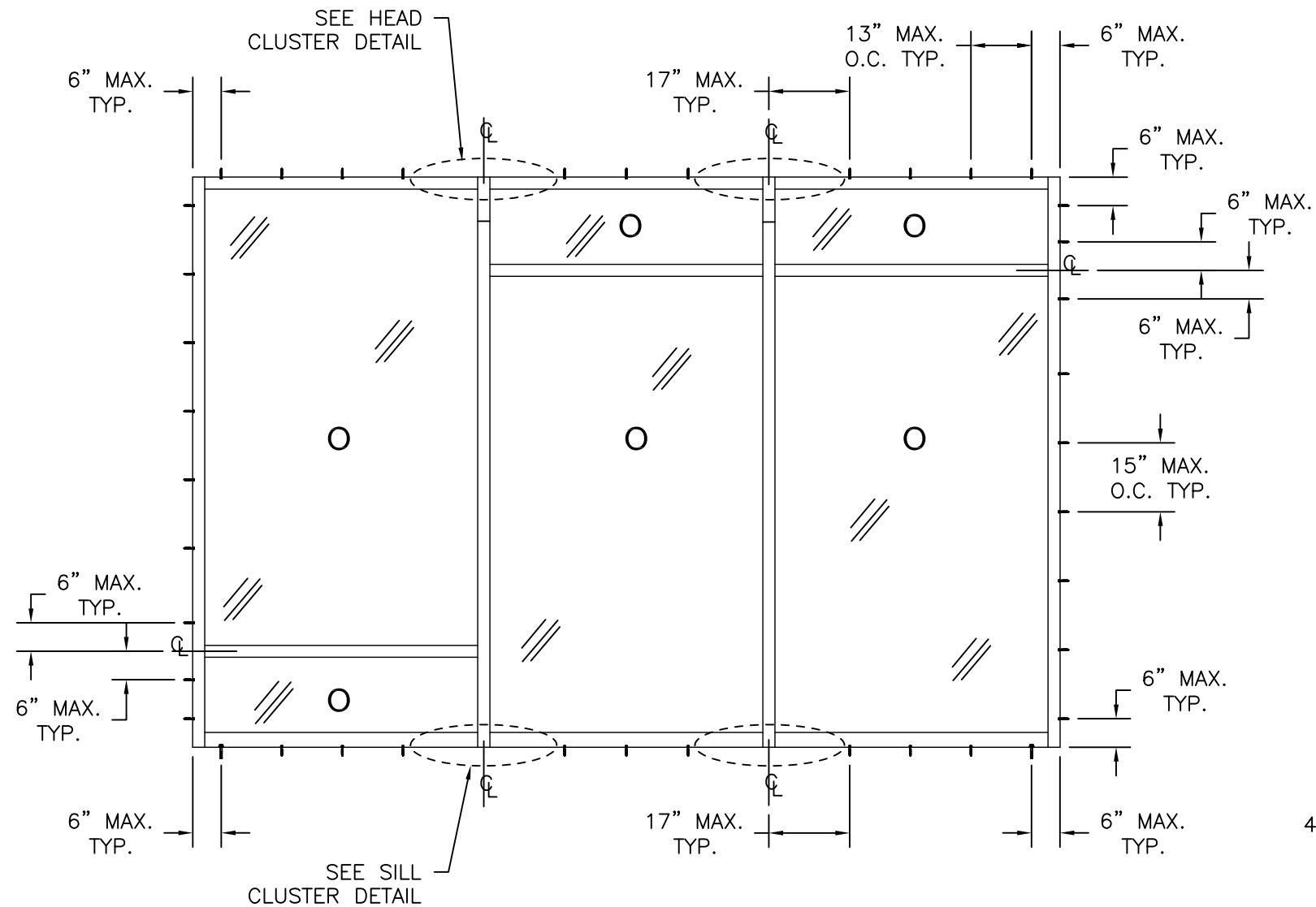
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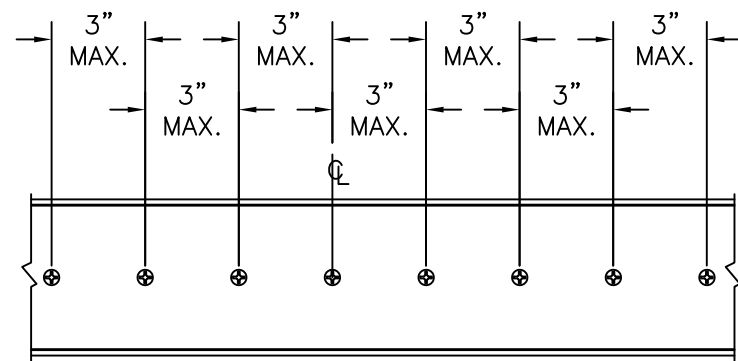


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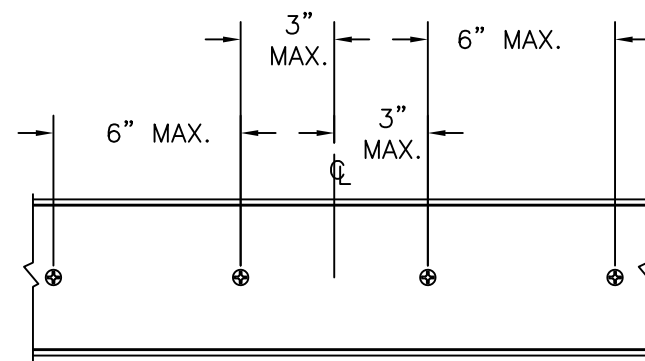
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D	ADDED CORROSION CHART	09/03/26	R.L.



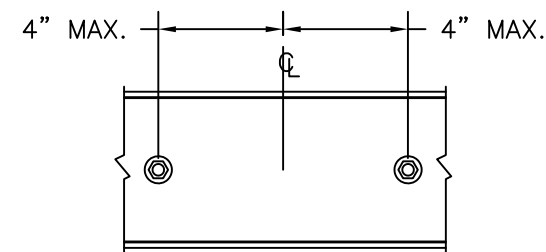
SERIES IG500/IG600 ALUMINUM FIXED STORE FRONT
EXTERIOR VIEW



HEAD CLUSTER DETAIL
WOOD FRAMING OR STEEL
FRAMING INSTALLATION



HEAD CLUSTER DETAIL
CONCRETE INSTALATION

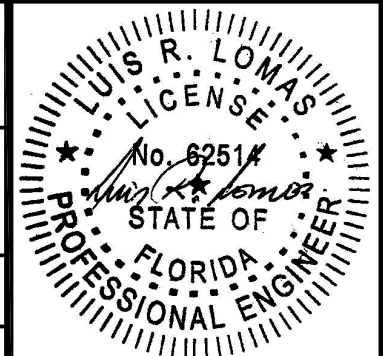


SILL CLUSTER DETAIL
CONCRETE INSTALLATION

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

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT NON-IMPACT ANCHORING LAYOUT		
DRAWN: TJH	DWG NO. 08-01580	REV D
SCALE NTS	DATE 09/08/09	SHEET 4 OF 12
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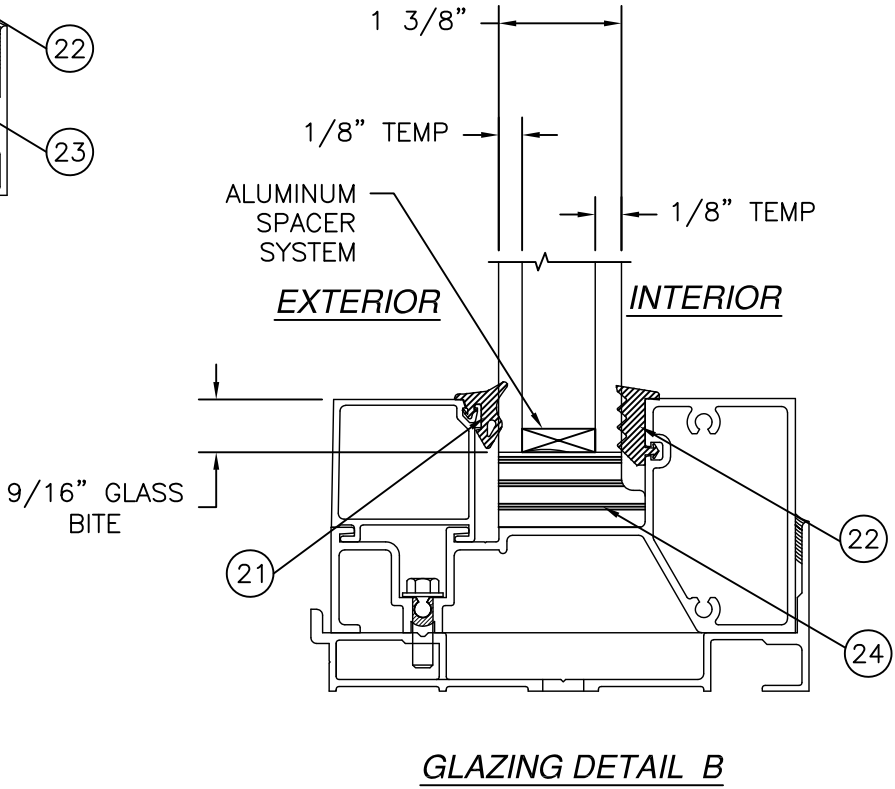
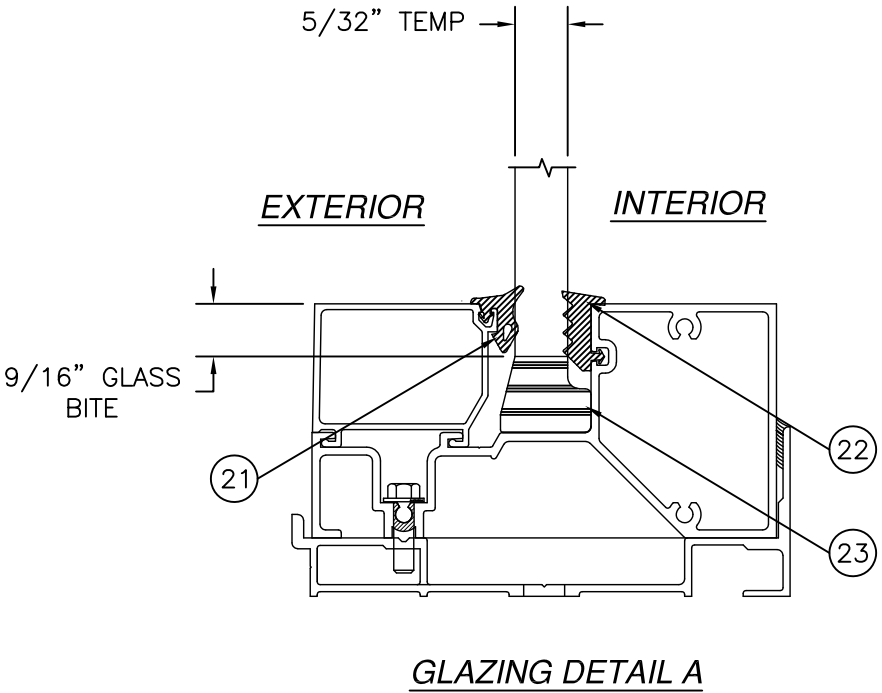
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FL No.: 62514

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	EDPM 70 DUROMETER
22	NP826	INTERIOR GASKET	TREMCO	EPDM 70 DUROMETER
23	SB916	SETTING BLOCK – 9/16” GLASS	US ALUMINUM	EPDM 85 DUROMETER
24	SB917	SETTING BLOCK – 1 5/16” GLASS	US ALUMINUM	EPDM 85 DUROMETER
25	ST266	#12 x 1” HWH SMS		
26	ST268	#12 x 3/4” HWH SMS		
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

ITEM 27 NOT USED



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

US ALUMINUM
950 SOLON RD.
WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT NON-IMPACT
BILL OF MATERIALS

DRAWN:
TJH

DWG NO.
08-01580

REV
D

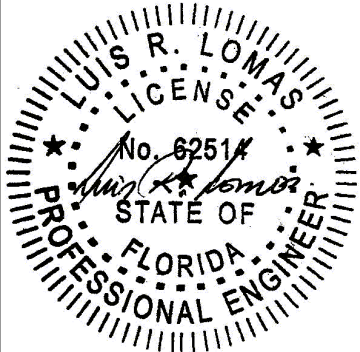
SCALE
NTS

DATE
09/08/09

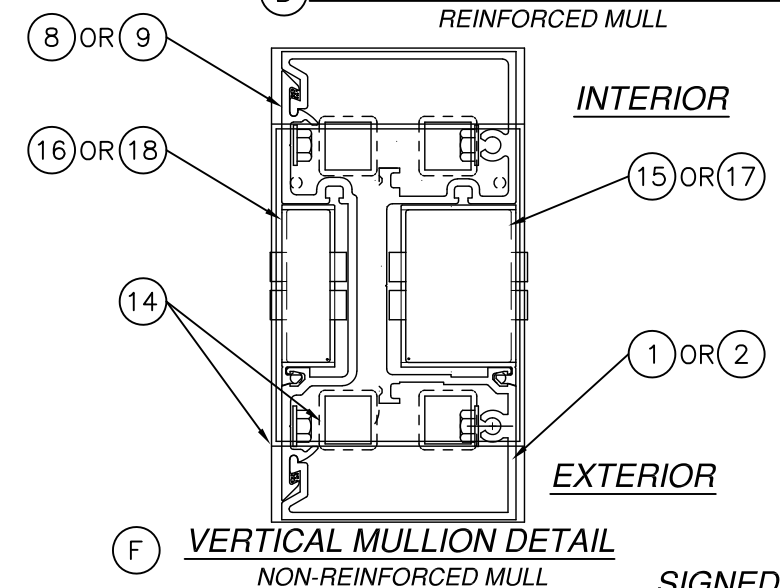
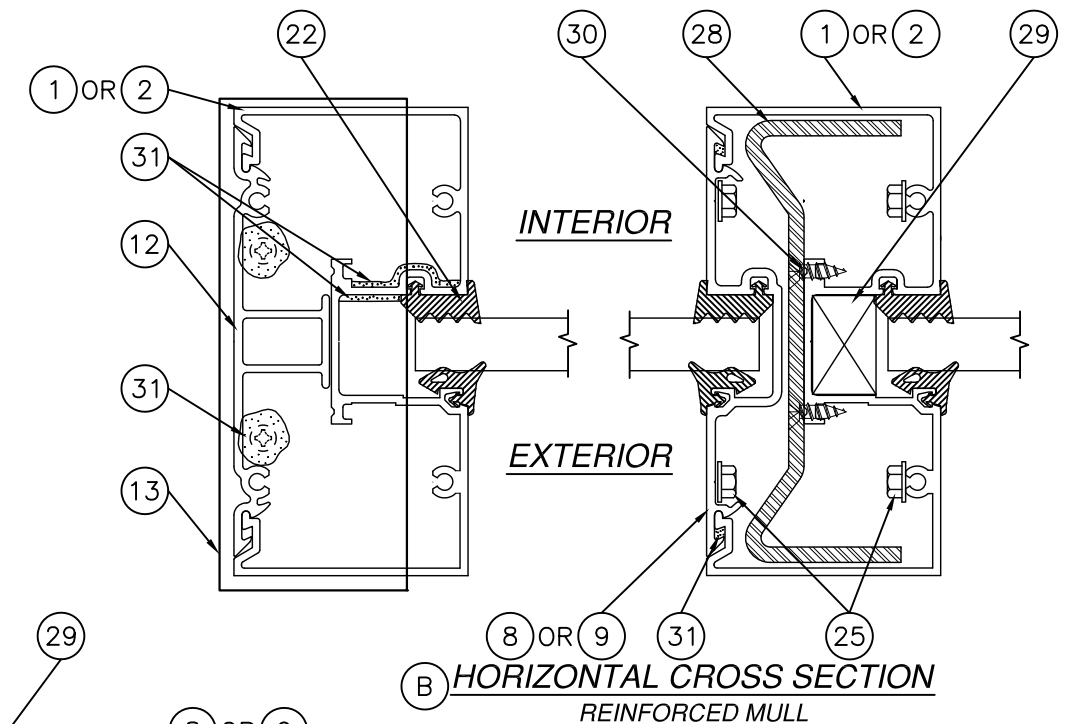
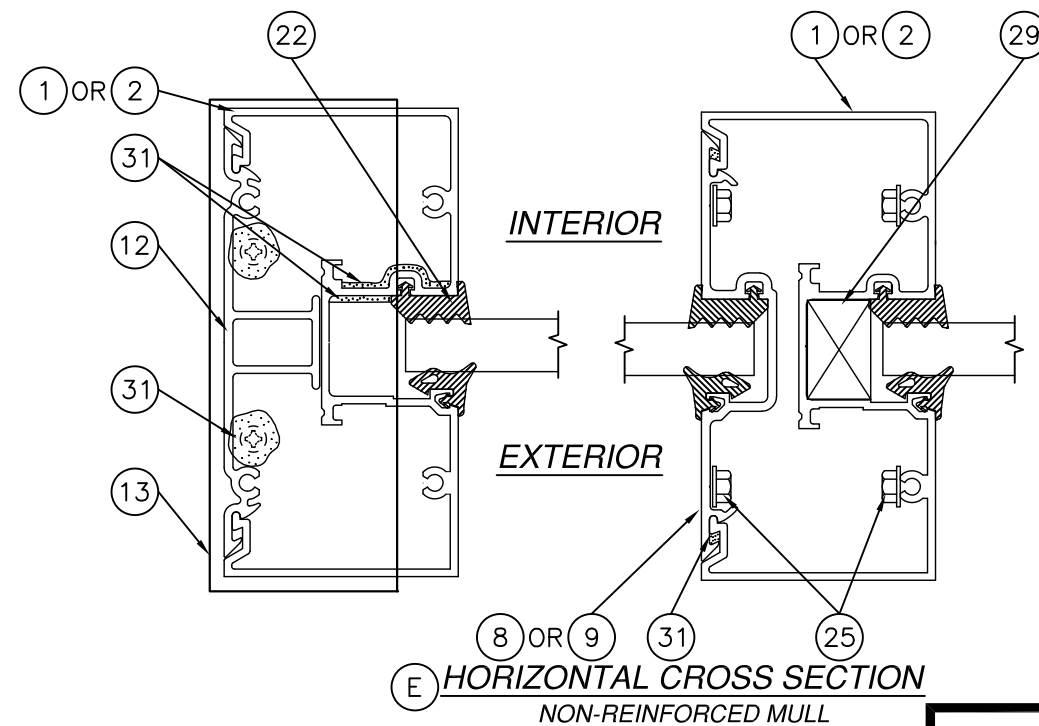
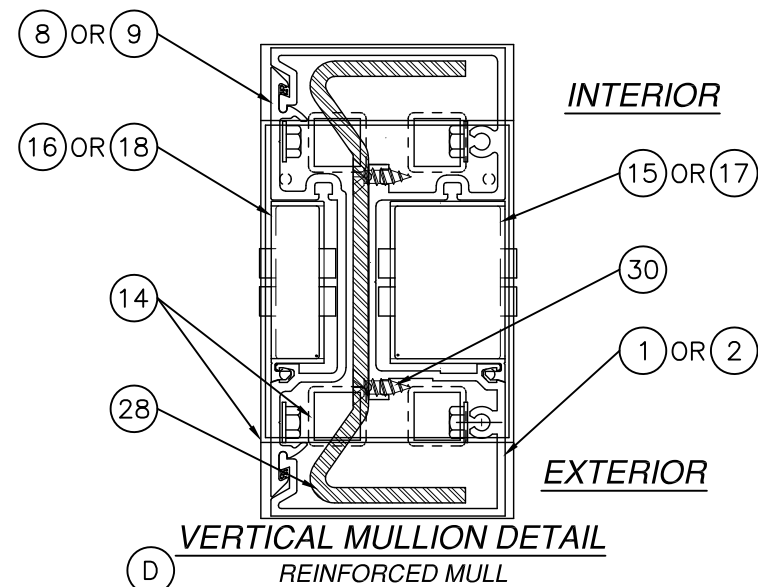
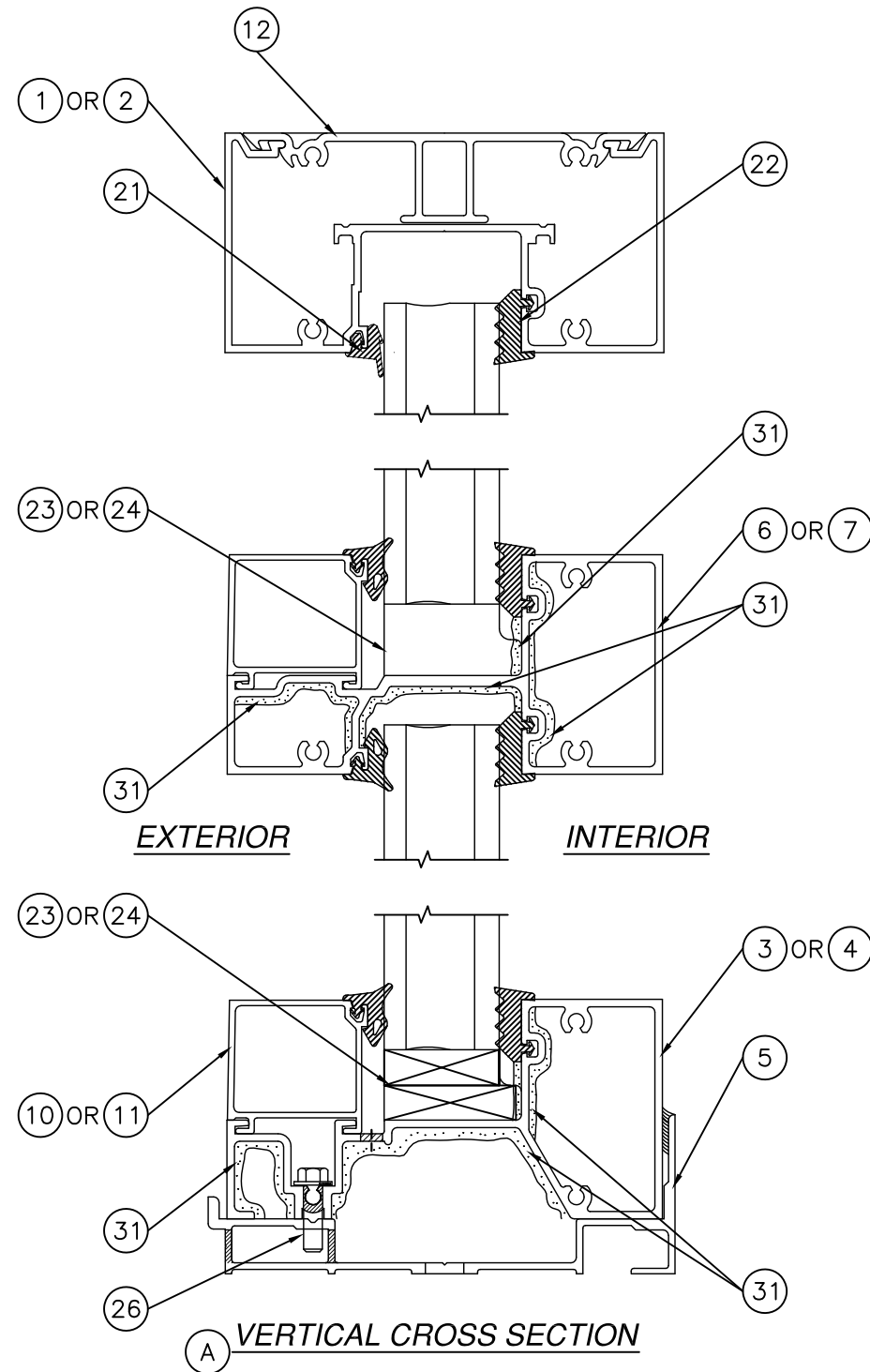
SHEET
5 OF 12

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

SIGNED: 09/03/2026



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



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

MULLION ASSEMBLY PROPERTIES
SINGLE GLAZED:

TOTAL Ix (IN TERMS OF ALUMINUM) = 16.6481 in⁴
Sx ALUMINUM = (16.6481/2.5095 in) in³

IGU GLAZED:

TOTAL Ix (IN TERMS OF ALUMINUM): 16.9703 in⁴
Sx ALUMINUM = (16.9703/2.5216 in) in³

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

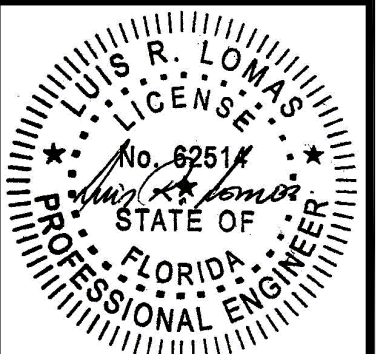
US ALUMINUM

950 SOLON RD.
WAXAHACHIE, TX 75165

**SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT NON-IMPACT
CROSS SECTIONS**

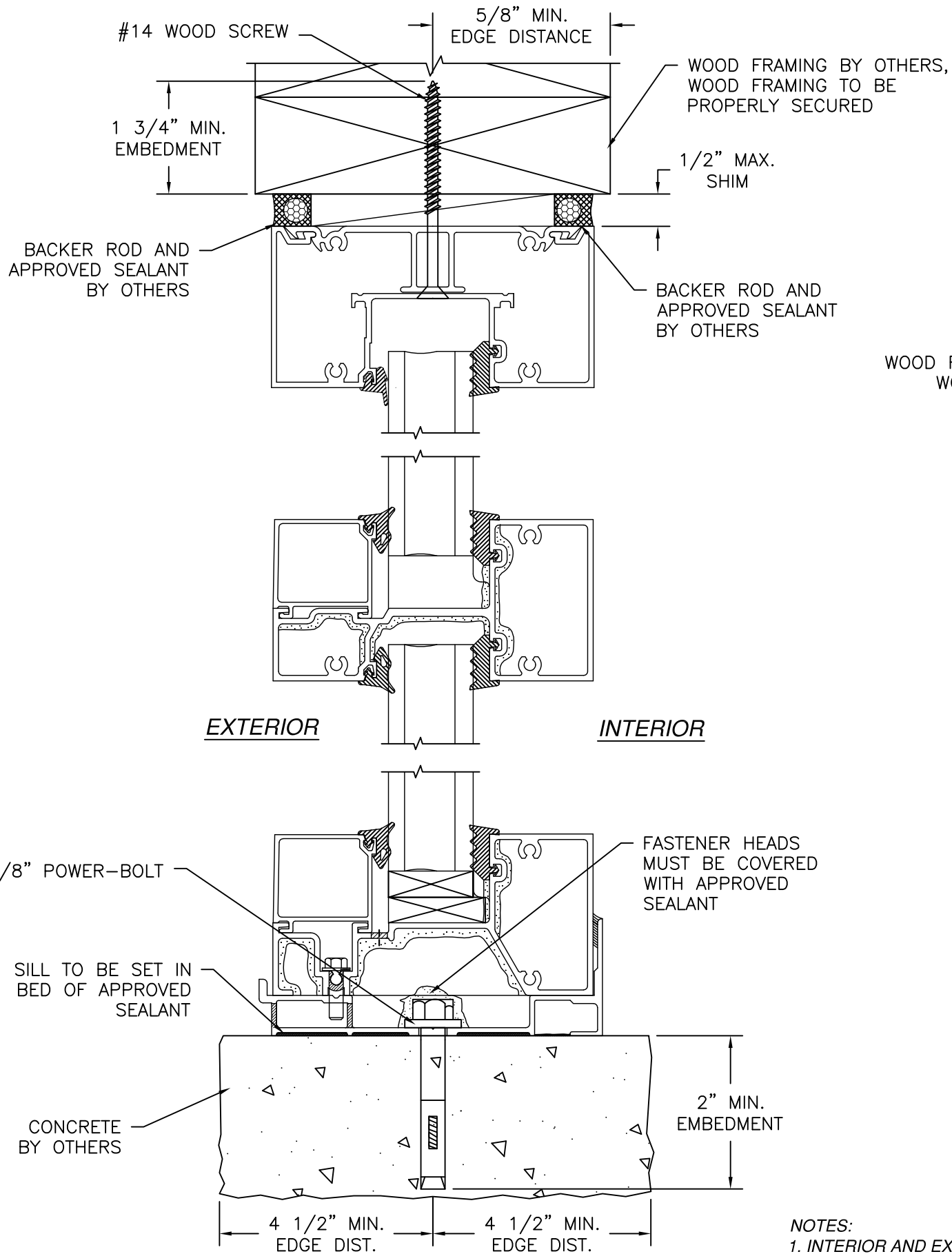
DRAWN: TJH	DWG NO. 08-01580	REV D
SCALE NTS	DATE 09/08/09	SHEET 6 OF 12

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



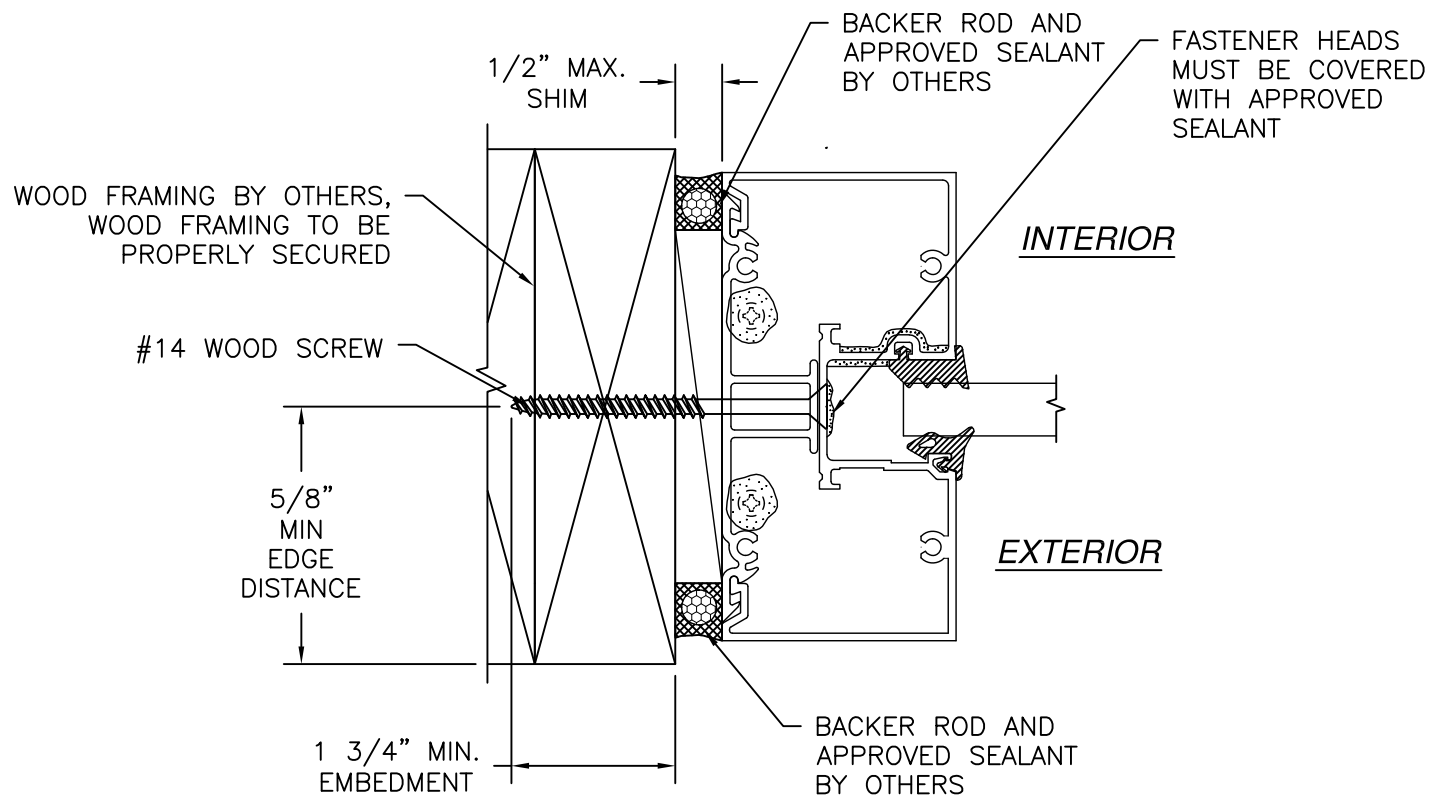
Luis R. Lomas P.E.
FL No.: 62514

SIGNED: 09/03/2026



(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

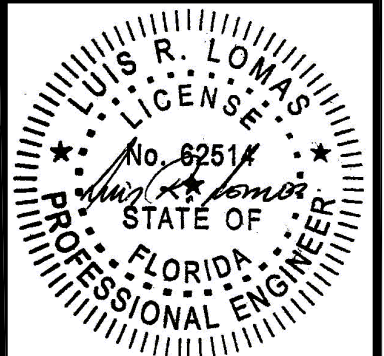


(C) JAMB INSTALLATION DETAIL
WOOD FRAMING

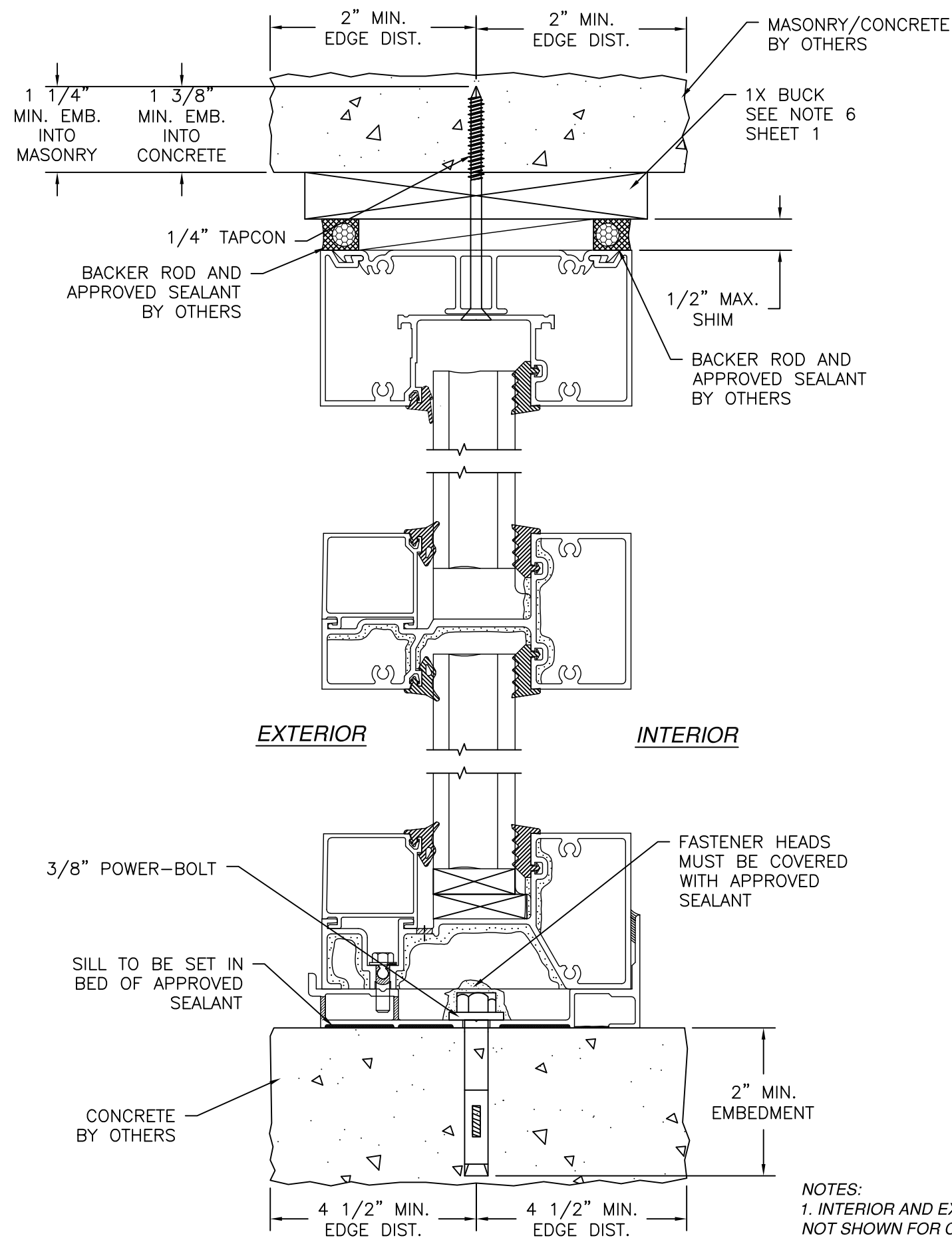
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	ADDED CORROSION CHART	09/03/26	R.L.

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT NON-IMPACT INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01580	REV D
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



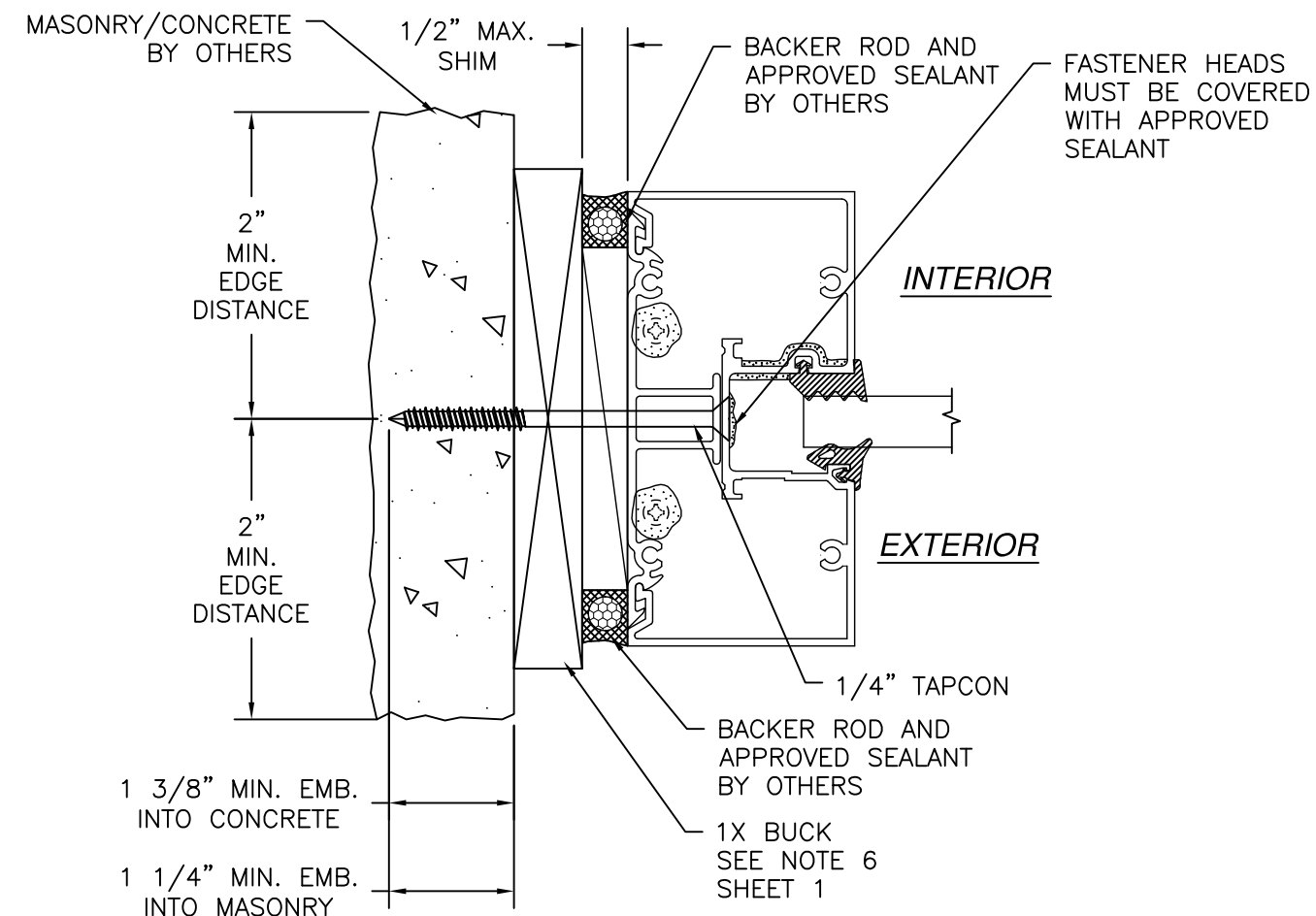
Luis R. Lomas P.E.
FL No.: 62514



(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

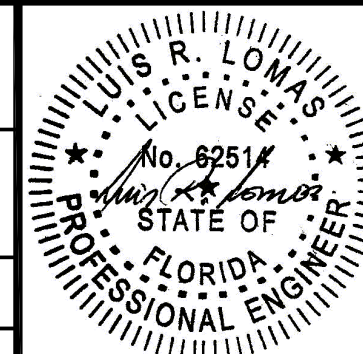
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	ADDED CORROSION CHART	09/03/26	R.L.



(C) JAMB INSTALLATION
MASONRY/CONCRETE

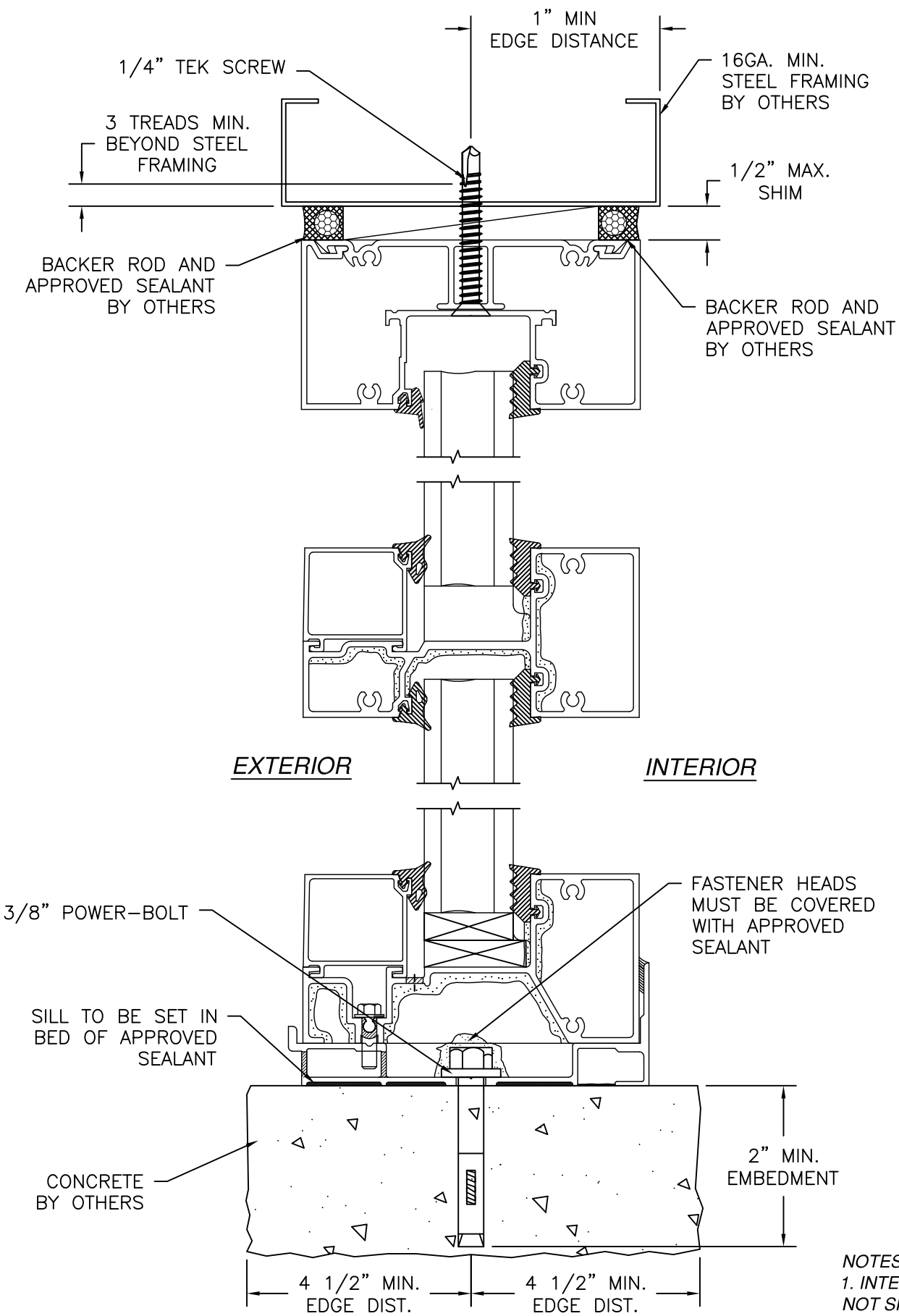
SIGNED: 09/03/2026

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT NON-IMPACT INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01580	REV D
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		



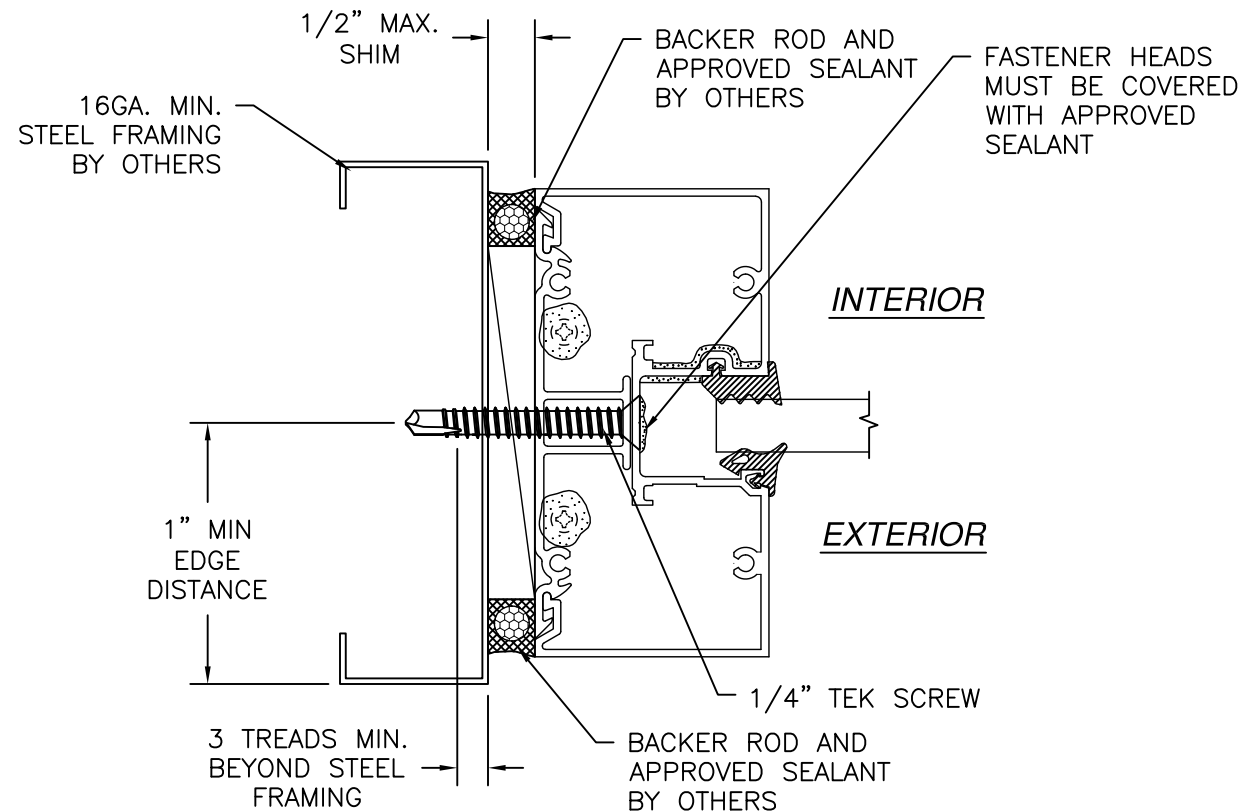
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	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 NON-IMPACT
INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-01580

REV D

SCALE NTS

DATE 09/08/09

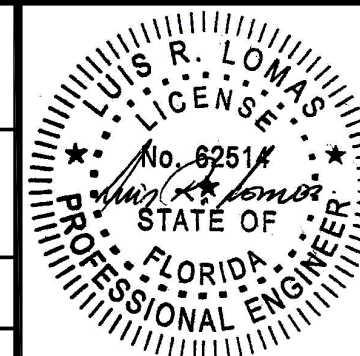
SHEET 9 OF 12

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

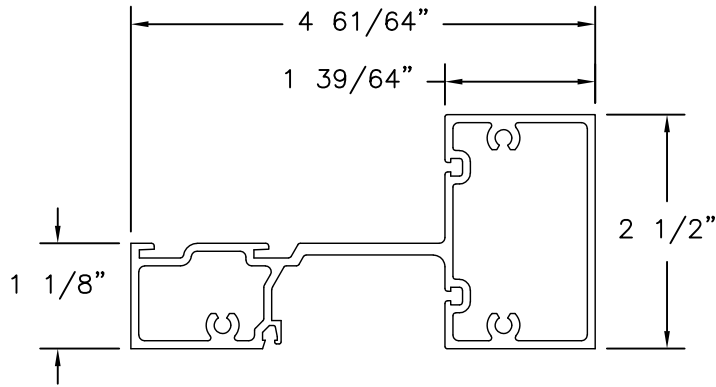
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

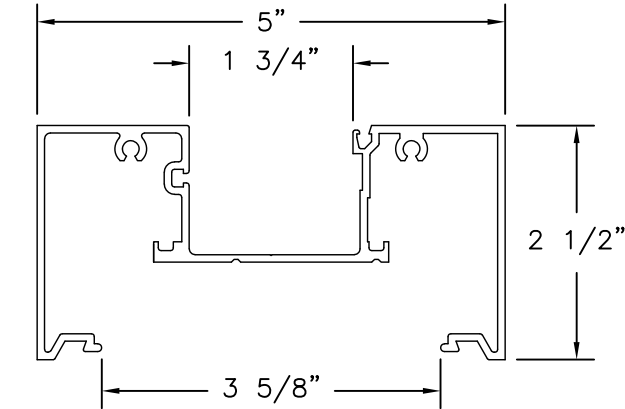


Luis R. Lomas P.E.
FL No.: 62514

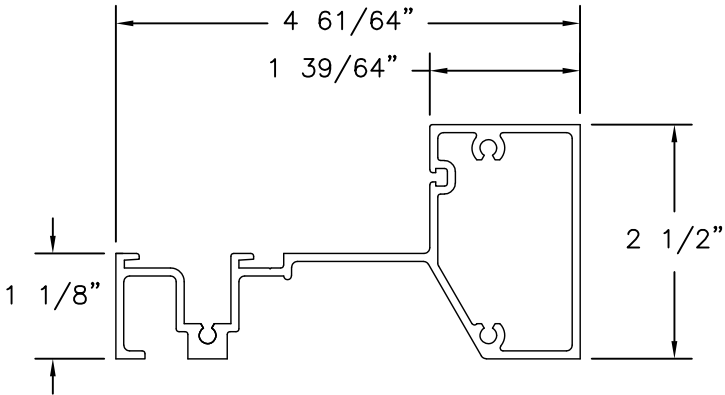
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	ADDED CORROSION CHART	09/03/26	R.L.



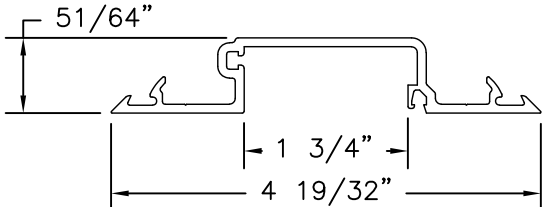
⑦ **HORIZONTAL MULL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



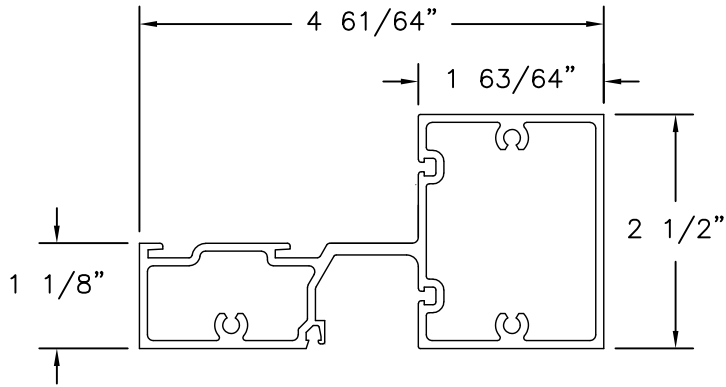
② **MAIN FRAME - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



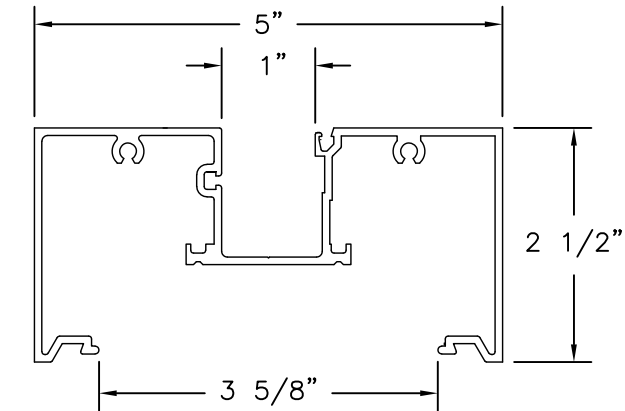
④ **SILL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



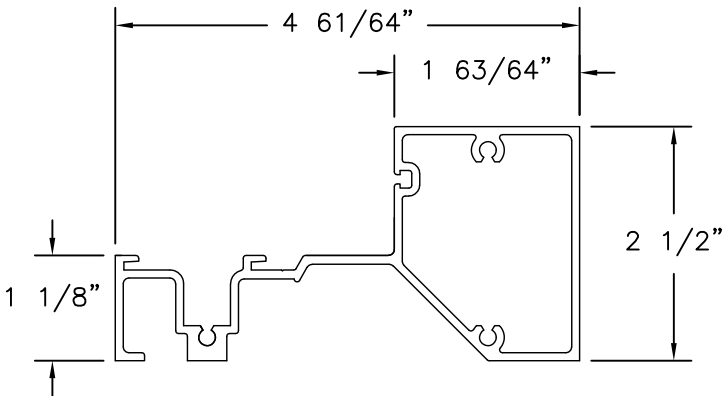
⑨ **FILLER VERTICAL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



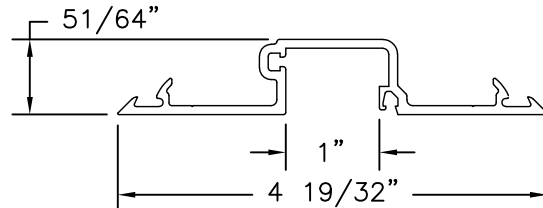
⑥ **HORIZONTAL MULL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



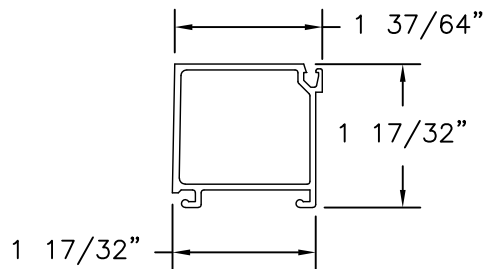
① **MAIN FRAME - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



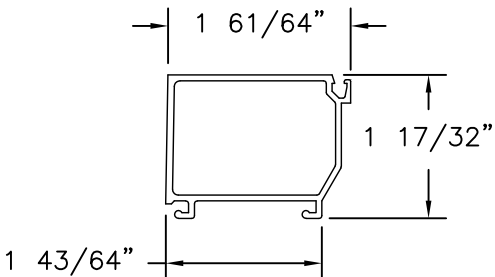
③ **SILL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



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 NON-IMPACT COMPONENTS

DRAWN: TJH

DWG NO. 08-01580

REV D

SCALE NTS

DATE 09/08/09

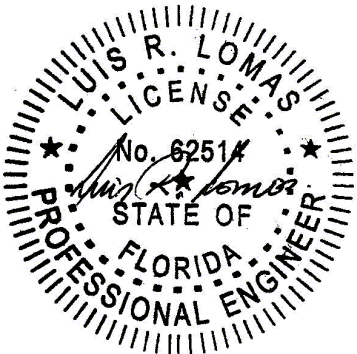
SHEET 10 OF 12

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

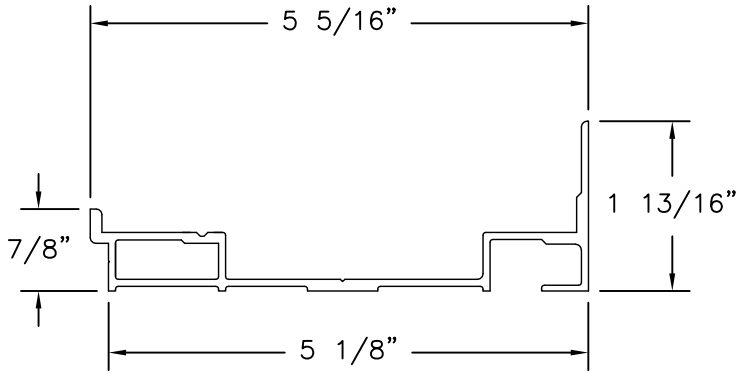
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

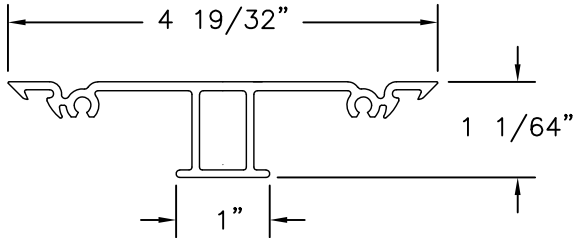


Luis R. Lomas P.E.
FL No.: 62514

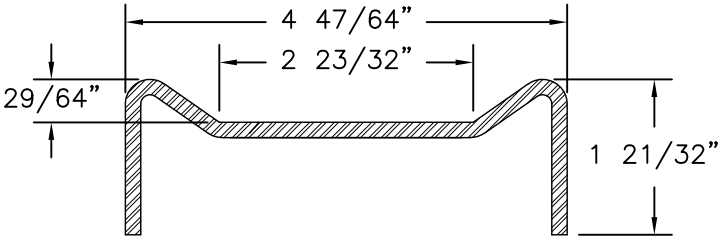
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	ADDED CORROSION CHART	09/03/26	R.L.



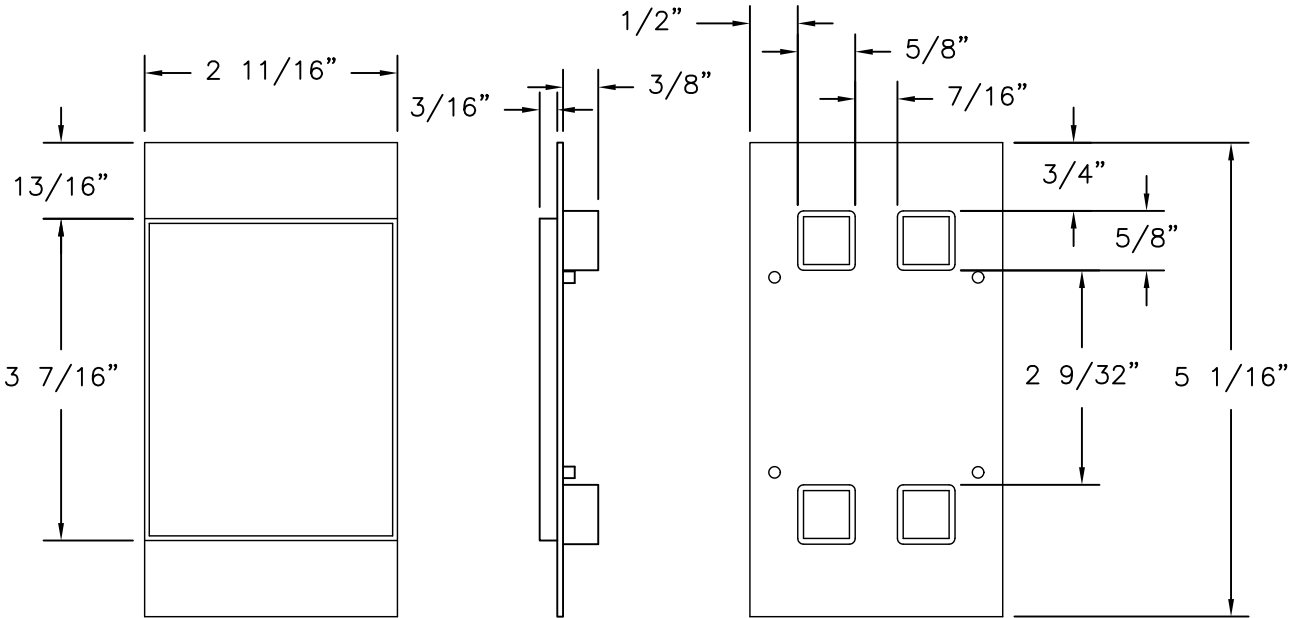
(5) **SUB SILL**
 EXTRUDED ALUMINUM 6063-T5 .075" THICK



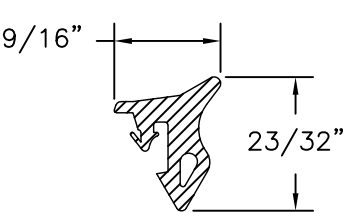
(12) **FILLER JAMB/HEAD**
 EXTRUDED ALUMINUM 6063-T5 .080" THICK



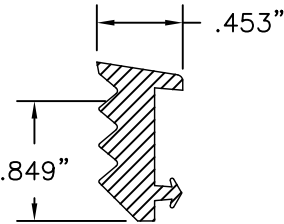
(28) **STEEL STIFFENER HEAVY**
 FORMED 8GA. A36 MILD STEEL



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



(21) **EXTERIOR GASKET**
 70 DUROMETER EDPM



(22) **INTERIOR GASKET**
 EDPM SPONGE

SIGNED: 09/03/2026

US ALUMINUM

950 SOLON RD.

WAXAHACHIE, TX 75165

SERIES IG500/IG600 STORM FRONT ALUMINUM

STOREFRONT NON-IMPACT COMPONENTS

DRAWN: TJH

DWG NO. 08-01580

REV D

SCALE NTS

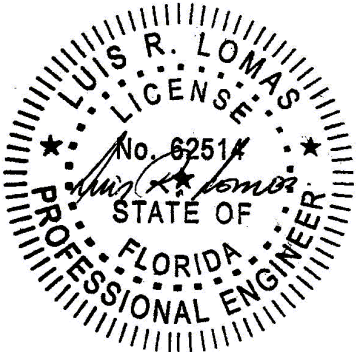
DATE 09/08/09

SHEET 11 OF 12

L. ROBERTO LOMAS P.E.

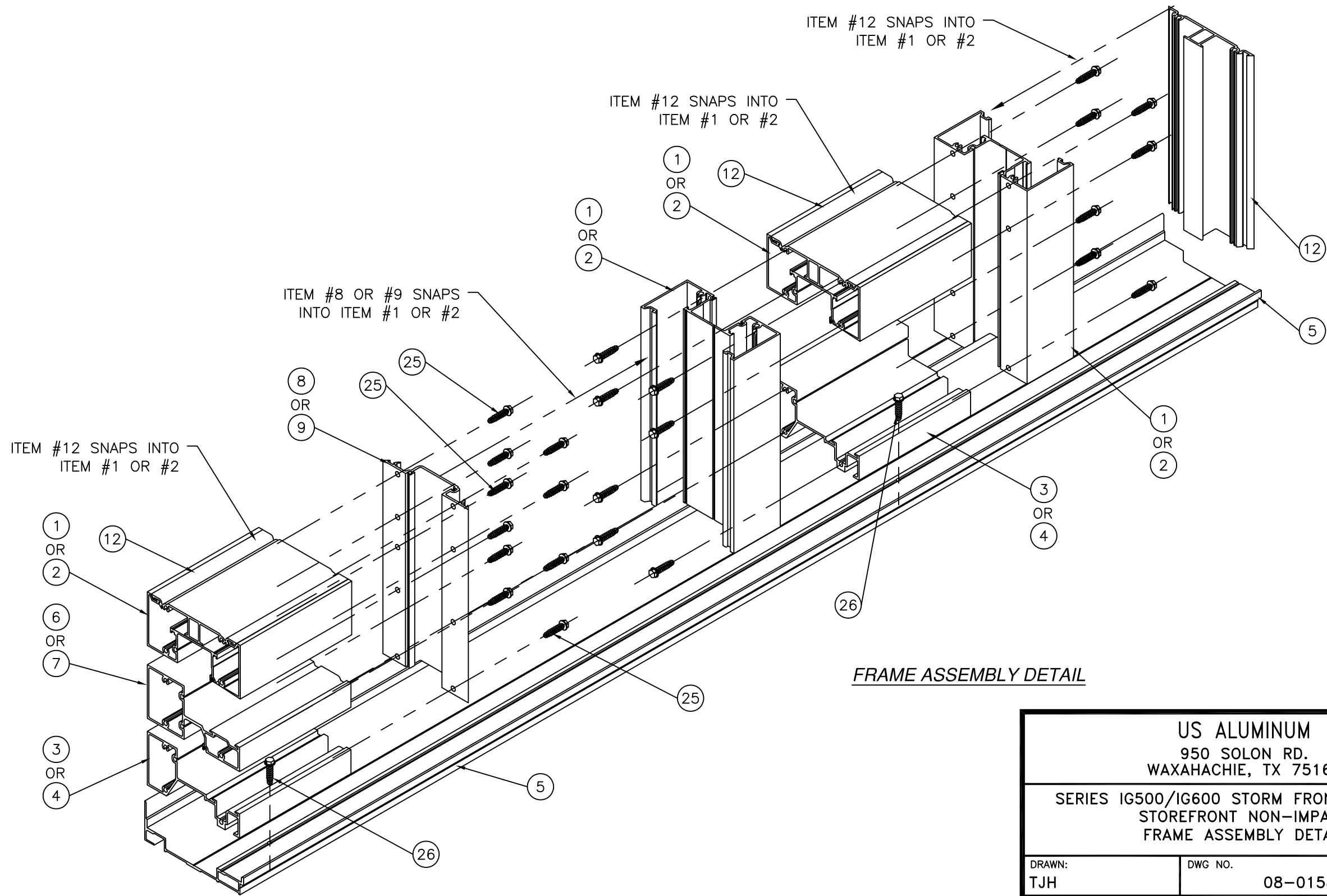
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com



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

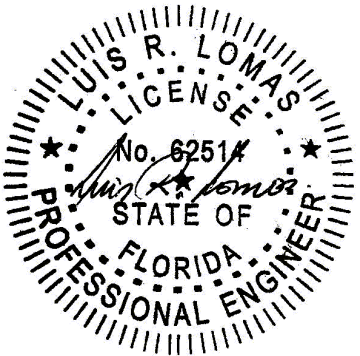
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	CHANGE MANUFACTURER'S NAME	03/23/23	R.L.
D	ADDED CORROSION CHART	09/03/26	R.L.



FRAME ASSEMBLY DETAIL

SIGNED: 09/03/2026

US ALUMINUM 950 SOLON RD. WAXAHACHIE, TX 75165		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT NON-IMPACT FRAME ASSEMBLY DETAIL		
DRAWN: TJH	DWG NO. 08-01580	REV D
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		



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