

| 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 NOT 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.

| TABLE OF CONTENTS |                                       |
|-------------------|---------------------------------------|
| SHEET NO.         | DESCRIPTION                           |
| 1                 | NOTES                                 |
| 2                 | ELEVATION                             |
| 3                 | ADDITIONAL APPROVED CONFIGURATIONS    |
| 4                 | ANCHORING LAYOUT AND NOTES            |
| 5                 | BILL OF MATERIALS AND GLAZING DETAILS |
| 6 – 7             | CROSS SECTIONS                        |
| 8 – 11            | INSTALLATION DETAILS                  |
| 12 – 13           | COMPONENTS                            |
| 14                | PANEL AND FRAME ASSEMBLY DETAILS      |

US ALUMINUM

950 SOLON RD.

WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM – LMI

NOTES

DRAWN: TJH

DWG NO. 08-01577

REV D

SCALE NTS

DATE 01/11/10

SHEET 1 OF 14

L. ROBERTO LOMAS P.E.

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SIGNED: 09/03/2026

LUIS R. LOMAS

FLORIDA

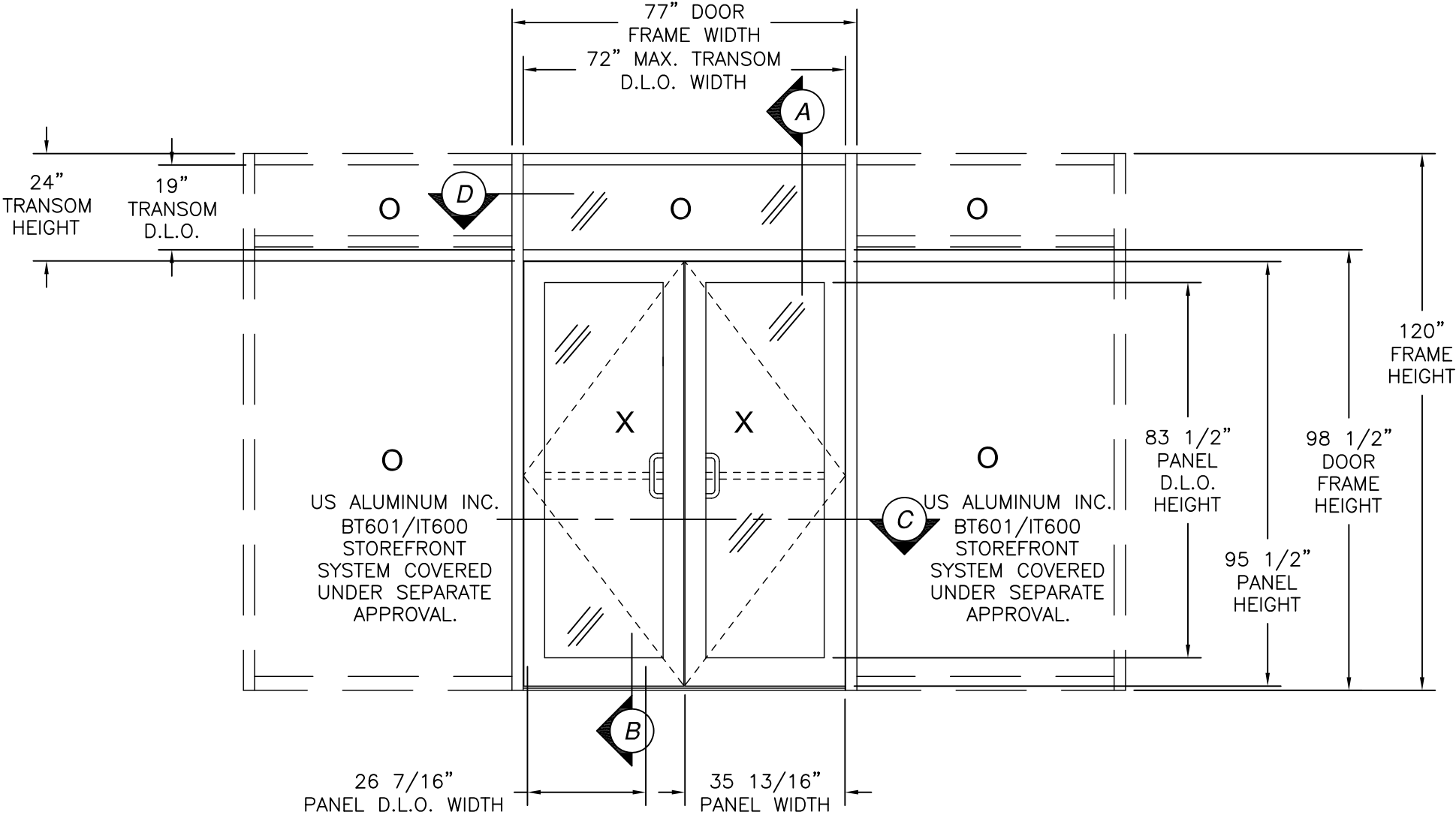
PROFESSIONAL ENGINEER

No. 62514

Luis R. Lomas P.E.

FL No.: 62514

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| C         | CHANGE MANUFACTURER'S NAME | 03/23/23 | R.L.     |
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**SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT**  
**DOUBLE DOOR WITH TRANSOM**  
EXTERIOR VIEW

FOR RATINGS SEE SHEET 3

| 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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US ALUMINUM  
950 SOLON RD.  
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM  
STOREFRONT DOOR SYSTEM - LMI  
ELEVATION

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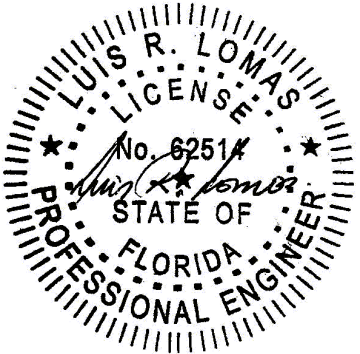
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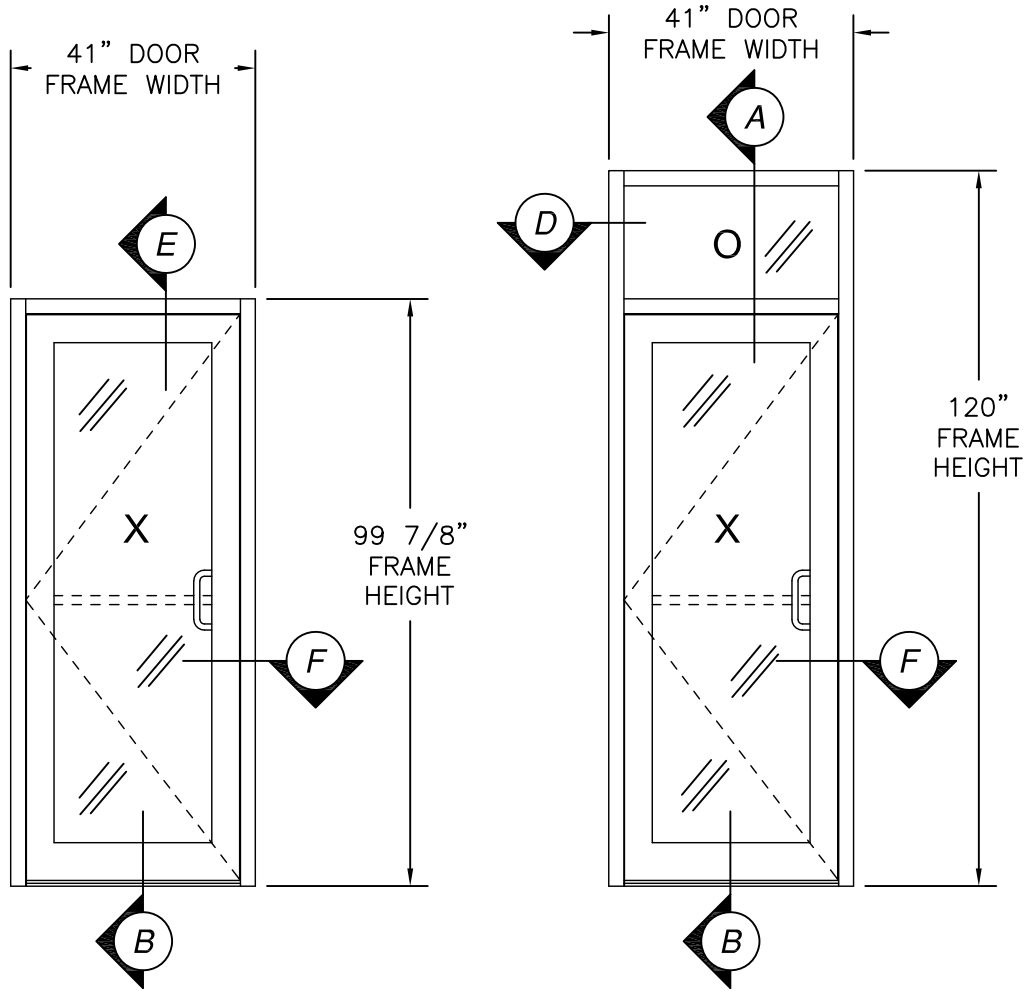
SHEET  
2 OF 14

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SINGLE

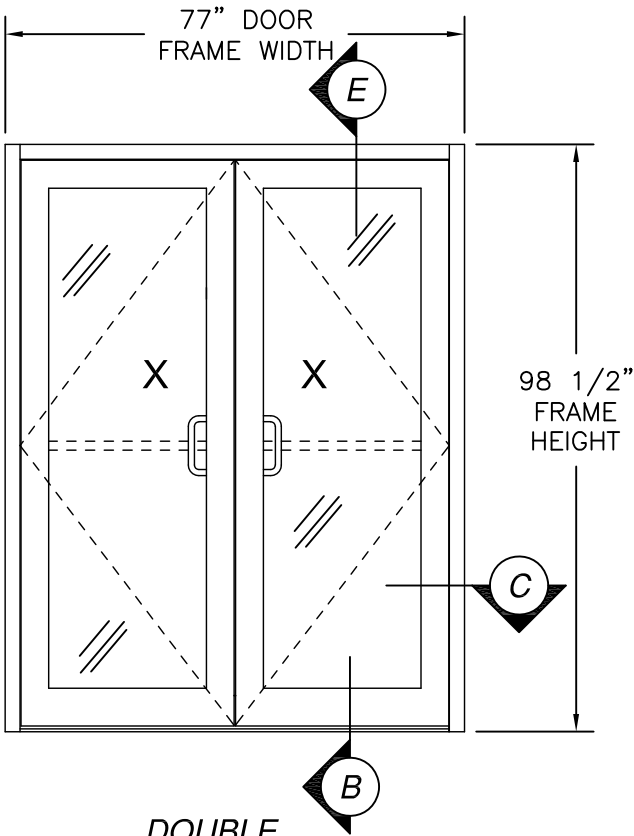
SINGLE W/TRANSOM

| INSTALLED WITH WATER THRESHOLD<br>(PARTS #5, #6 AND #33) |                      |
|----------------------------------------------------------|----------------------|
| DESIGN PRESSURE RATING                                   | IMPACT RATING        |
| $\pm 65\text{PSF}$                                       | LARGE MISSILE IMPACT |

| INSTALLED WITH AIR THRESHOLD (PART #7)                                                                                  |                      |
|-------------------------------------------------------------------------------------------------------------------------|----------------------|
| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING        |
| $\pm 65\text{PSF}$                                                                                                      | LARGE MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                      |

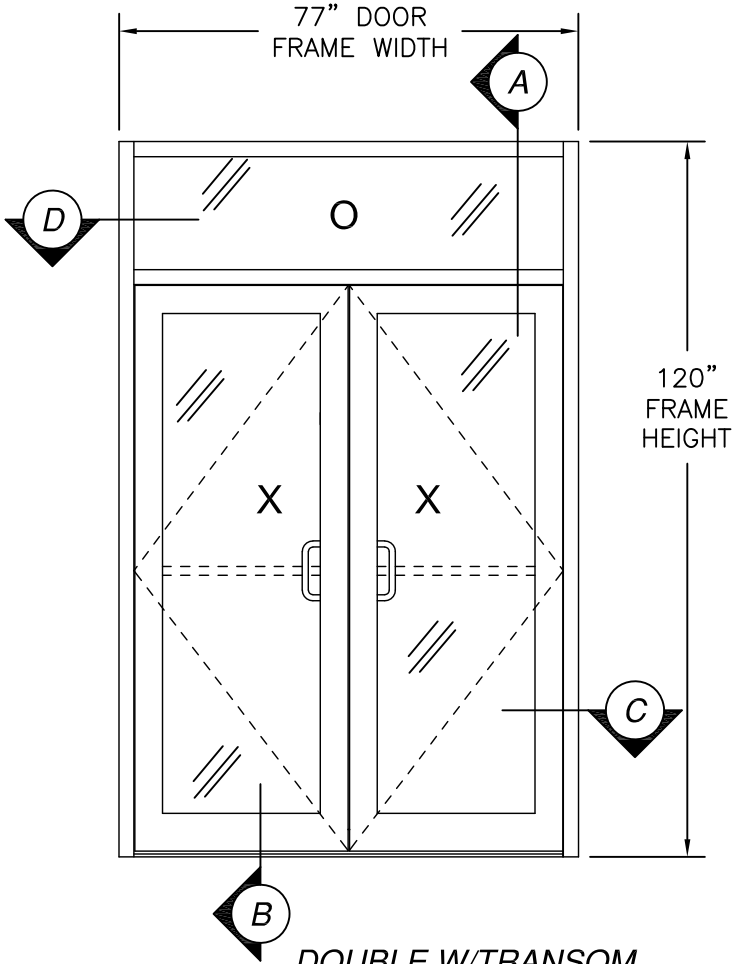
| Panel Height (in) | Design pressure chart (PSF) |       |       |      |      |      |
|-------------------|-----------------------------|-------|-------|------|------|------|
|                   | Single Panel Width (in)     |       |       |      |      |      |
|                   | 24.00                       | 30.00 | 35.75 |      |      |      |
|                   | Pos                         | Neg   | Pos   | Neg  | Pos  | Neg  |
| 80.00             | 65.0                        | 65.0  | 65.0  | 65.0 | 65.0 | 65.0 |
| 84.00             | 65.0                        | 65.0  | 65.0  | 65.0 | 65.0 | 65.0 |
| 90.00             | 65.0                        | 65.0  | 65.0  | 65.0 | 65.0 | 65.0 |
| 95.50             | 65.0                        | 65.0  | 65.0  | 65.0 | 65.0 | 65.0 |

SEE RATING BOXES FOR WATER LIMITATIONS.



DOUBLE

| INSTALLED WITH AIR OR WATER THRESHOLD<br>(PARTS #7 OR #5, #6 AND #33)                                                   |                      |
|-------------------------------------------------------------------------------------------------------------------------|----------------------|
| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING        |
| $\pm 65\text{PSF}$                                                                                                      | LARGE MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                      |



DOUBLE W/TRANSOM

SIGNED: 09/03/2026

US ALUMINUM  
950 SOLON RD.  
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM  
STOREFRONT DOOR SYSTEM – LMI  
ADDITIONAL APPROVED CONFIGURATIONS

DRAWN:  
TJH

DWG NO.  
08-01577

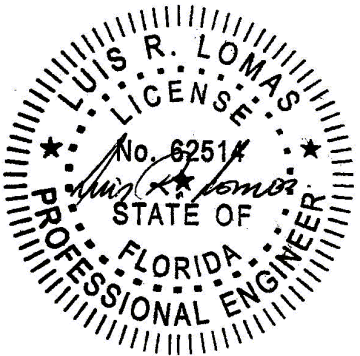
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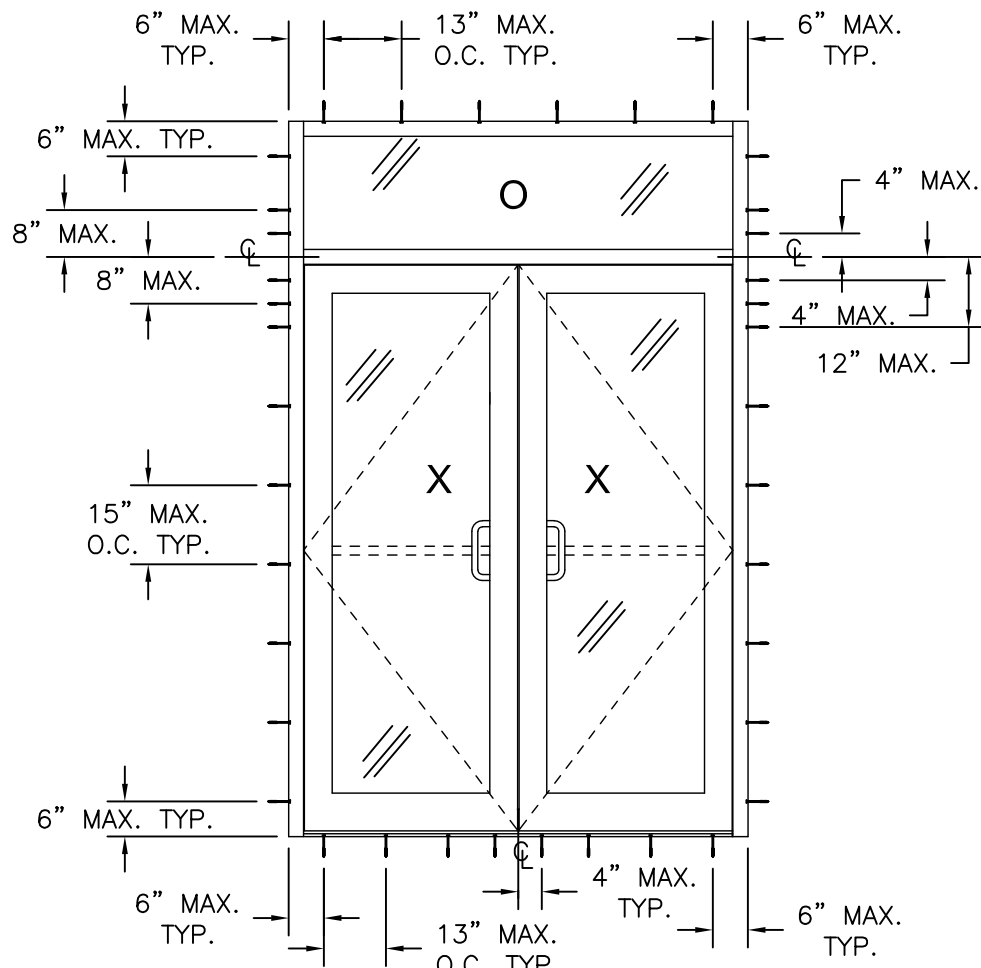
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SHEET  
3 OF 14

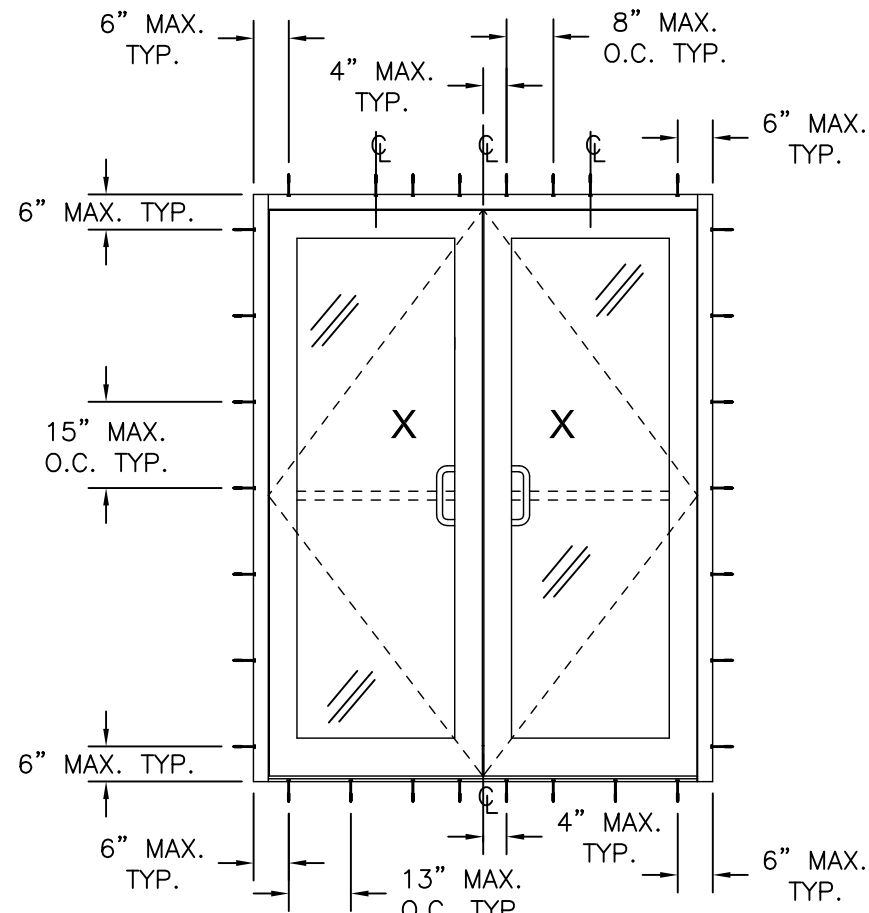
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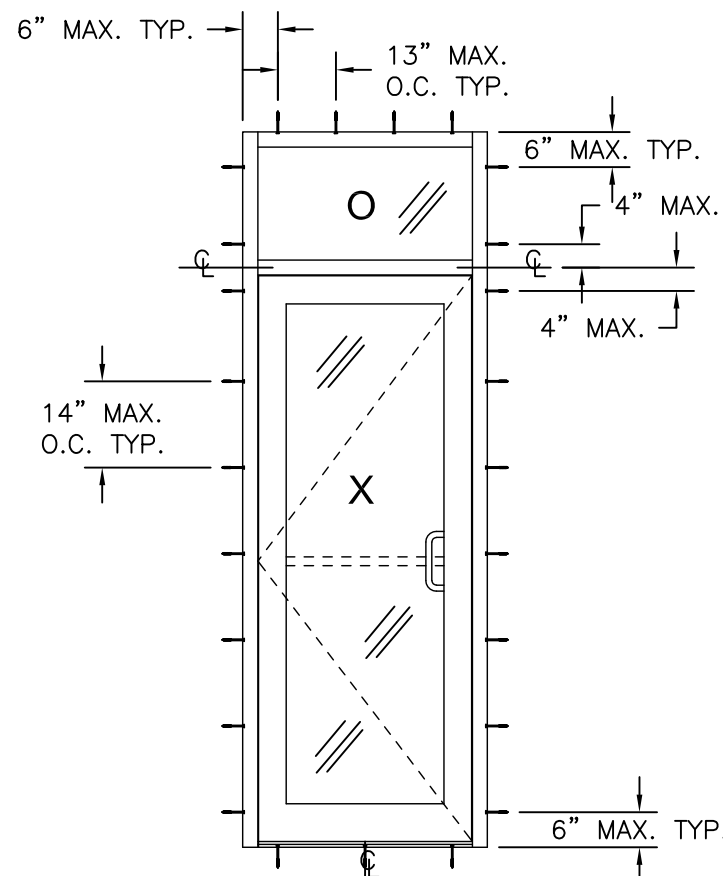
Luis R. Lomas P.E.  
FL No.: 62514



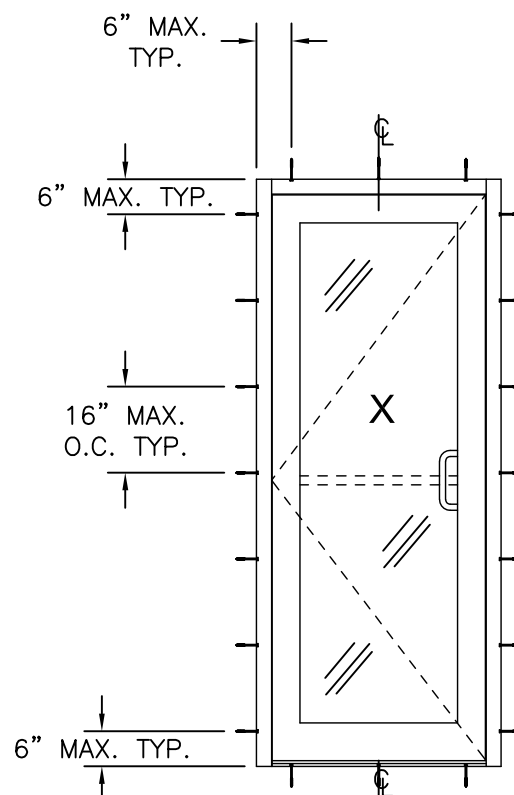
DOUBLE W/TRANSOM



DOUBLE



SINGLE W/TRANSOM



SINGLE

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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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US ALUMINUM

950 SOLON RD.  
WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM  
STOREFRONT DOOR SYSTEM – LMI  
ANCHORING LAYOUT AND NOTES

DRAWN:  
TJH

DWG NO.  
08-01577

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SHEET  
4 OF 14

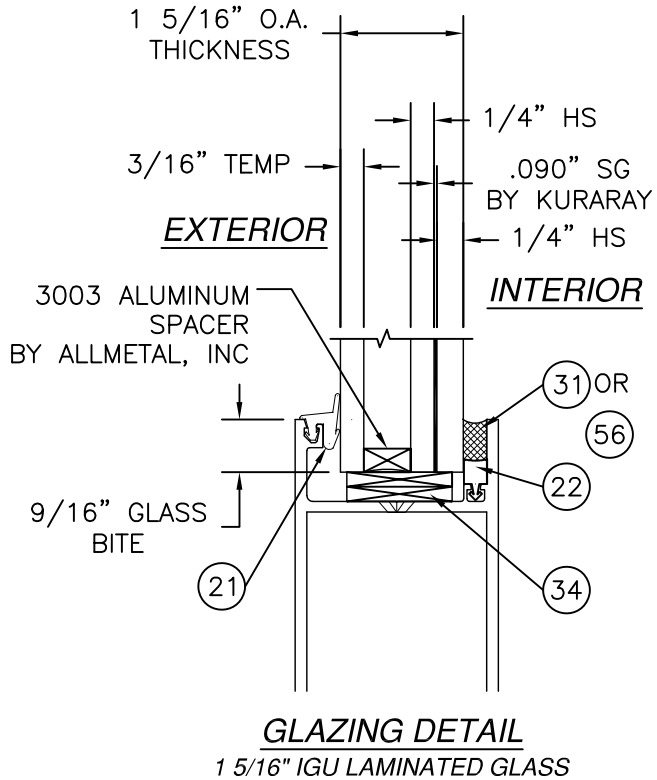
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434-688-0609 rllomas@lrlomaspe.com

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

| PARTS LIST |             |                              |              |                   |
|------------|-------------|------------------------------|--------------|-------------------|
| NO.        | PART NUMBER | DESCRIPTION                  | MANUFACTURER | MATERIAL          |
| 1          | BT805       | VERTICAL JAMB                | US ALUMINUM  | ALUMINUM 6063-T5  |
| 2          | IG568       | OPTIONAL DOOR HEADER         | US ALUMINUM  | ALUMINUM 6063-T5  |
| 3          | BT852       | HEAD MULLION                 | US ALUMINUM  | ALUMINUM 6063-T5  |
| 4          |             | NOT USED                     |              |                   |
| 5          | BT870       | SUB-SILL                     | US ALUMINUM  | ALUMINUM 6063-T5  |
| 6          | TH100       | BT601 WATER THRESHOLD        | US ALUMINUM  | ALUMINUM 6063-T5  |
| 7          | TH821       | AIR THRESHOLD                | US ALUMINUM  | ALUMINUM 6063-T5  |
| 8          | BT853       | DOOR HEADER                  | US ALUMINUM  | ALUMINUM 6063-T5  |
| 9          | BT804       | VERTICAL MULLION FILLER      | US ALUMINUM  | ALUMINUM 6063-T5  |
| 10         | BT862       | HORIZONTAL MULLION           | US ALUMINUM  | ALUMINUM 6063-T5  |
| 11         | BR863       | BT601 GLASS STOP             | US ALUMINUM  | ALUMINUM 6063-T5  |
| 12         | BR847       | DOOR STOP ADAPTER            | US ALUMINUM  | ALUMINUM 6063-T5  |
| 13         | EC870       | END DAM                      | US ALUMINUM  | A-245             |
| 14         | BT867       | HORIZONTAL HEADER            | US ALUMINUM  | ALUMINUM 6063-T5  |
| 15         | IE502       | TOP RAIL                     | US ALUMINUM  | ALUMINUM 6063-T5  |
| 16         | BT815       | VERTICAL MULLION             | US ALUMINUM  | ALUMINUM 6063-T5  |
| 17         | IE150       | DOOR GLAZING STOP            | US ALUMINUM  | ALUMINUM 6063-T5  |
| 18         | BT835       | HEAVY DUTY VERTICAL MULL     | US ALUMINUM  | ALUMINUM 6063-T5  |
| 19         | IE501       | 16500 BOTTOM RAIL            | US ALUMINUM  | ALUMINUM 6063-T5  |
| 20         | NP801       | DOOR WEATHERSTRIP            | US ALUMINUM  |                   |
| 21         | NP225       | TOP LOAD GASKET              | US ALUMINUM  | EPDMB70 DUROMETER |
| 22         | SP250       | GLAZING SEAL                 | US ALUMINUM  | SCR               |
| 23         | BT872       | HORIZONTAL SILL              | US ALUMINUM  | ALUMINUM 6063-T5  |
| 24         | SB117       | SETTING BLOCK - 1 1/4" GLASS | US ALUMINUM  | EPDM 85 DUROMETER |
| 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         |             | 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 DUROMETER |
| 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  |                   |

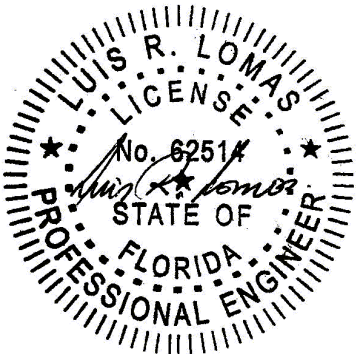
| PARTS LIST |              |                        |              |                   |
|------------|--------------|------------------------|--------------|-------------------|
| NO.        | PART NUMBER  | DESCRIPTION            | MANUFACTURER | MATERIAL          |
| 41         | CB802        | SHEAR CHANNEL          | US ALUMINUM  | ALUMINUM 6063-T5  |
| 42         | AHT 8        | PANIC BAR              | AHT          |                   |
| 43         | 1953A-450    | STANDARD LOCKSET       | ADAMS RITE   |                   |
| 44         | 4111         | CLOSER                 | LCN          |                   |
| 45         | 1461         | SURFACE CLOSER         | LCN          |                   |
| 46         | 20-330       | OHCC CLOSER            | JACKSON      |                   |
| 47         | 2030         | OHCC CLOSER            | LCN          |                   |
| 48         | CL045        | SURFACE CLOSER         | CR LAWRENCE  |                   |
| 49         |              | FLUSH BOLT             | US ALUMINUM  |                   |
| 50         |              | FLUSH BOLT             | IVES         |                   |
| 51         |              | 1 1/2" BUTT HINGE PAIR | HAGER        |                   |
| 52         | CB901        | 2 3/8" CORNER BLOCK    | US ALUMINUM  |                   |
| 53         | ST197        | #8 x 3/8" PH SMS       |              |                   |
| 54         | DN350        | AJUSTABLE ASTRAGAL     | US ALUMINUM  | ALUMINUM 6063-T5  |
| 55         |              | NOT USED               |              |                   |
| 56         | PROGLAZE SSG | GLAZING COMPOUND       | TREMCO       | SILICONE          |
| 57         | SPECTRUM 2   | PERIMETER SEAL         | TREMCO       | SILICONE          |
| 58         | DOW 795      | PERIMETER SEAL         | DOW CORNING  | SILICONE          |
| 59         |              | 3/8" - 16 x 3" HH BOLT |              |                   |
| 60         | TC900        | 11GA. THRESHOLD CLIP   | US ALUMINUM  | COLD ROLLED STEEL |
| 61         |              | #12-24 x 1/4" SCREW    |              |                   |
| 62         | H-61239      | VERTICAL MULLION       | US ALUMINUM  | ALUMINUM 6063-T5  |

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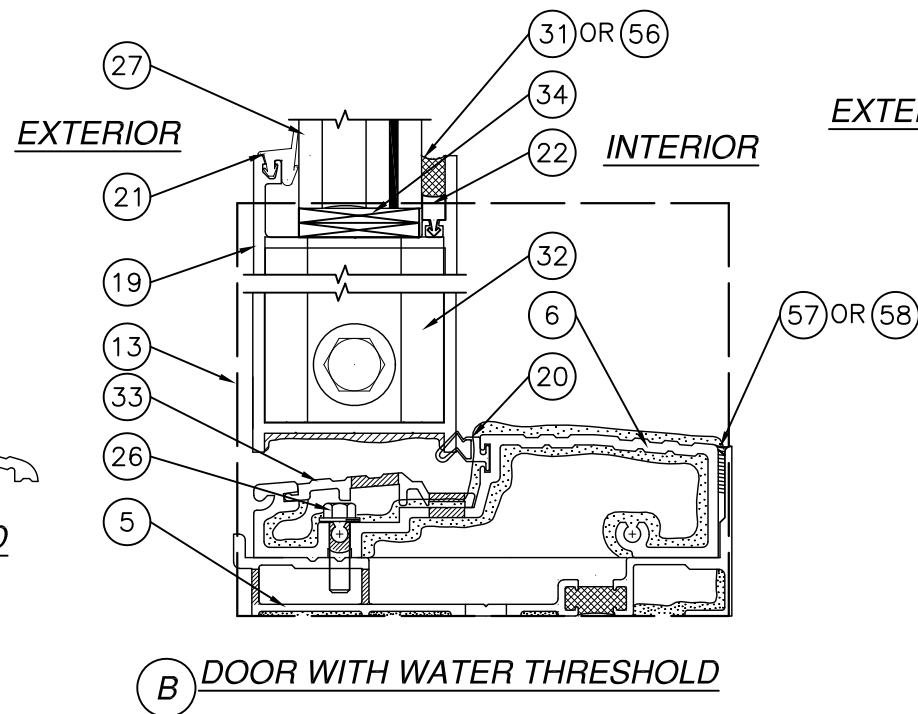
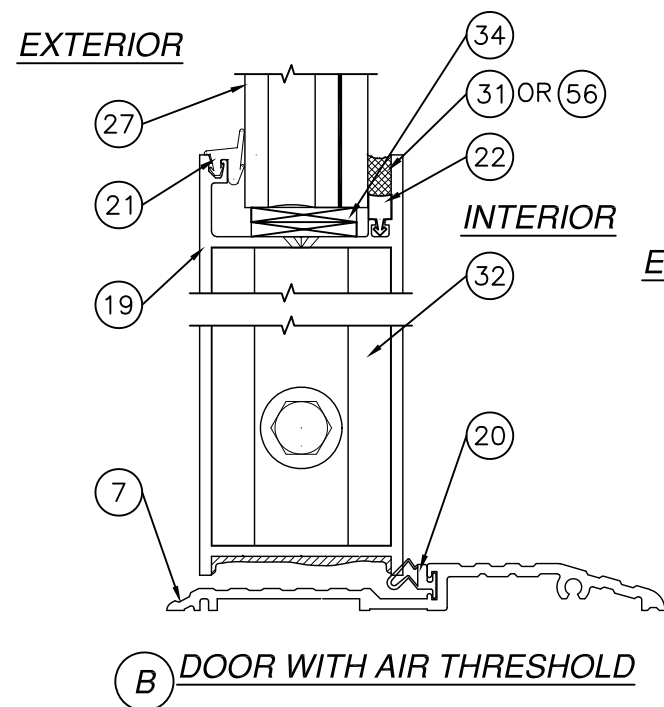
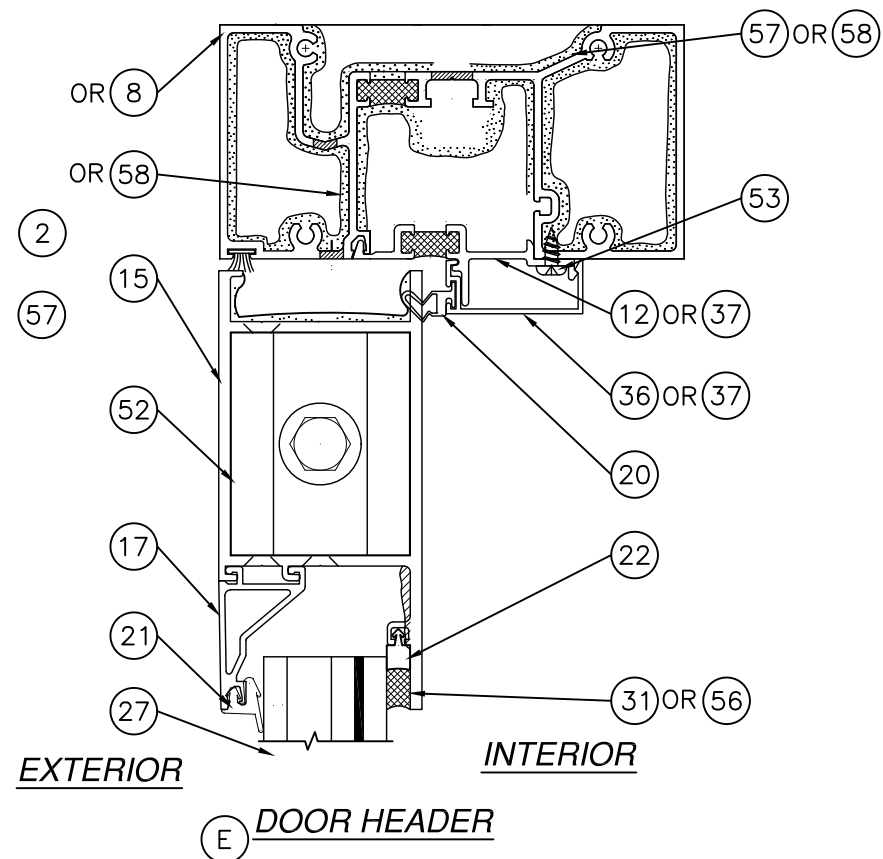


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|                                                                                                                     |                     |                  |
|---------------------------------------------------------------------------------------------------------------------|---------------------|------------------|
| US ALUMINUM<br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                                                |                     |                  |
| SERIES BT601/IT600 STORM FRONT OS ALUMINUM<br>STOREFRONT DOOR SYSTEM - LMI<br>BILL OF MATERIALS AND GLAZING DETAILS |                     |                  |
| DRAWN:<br>TJH                                                                                                       | DWG NO.<br>08-01577 | REV<br>D         |
| SCALE<br>NTS                                                                                                        | DATE<br>01/11/10    | SHEET<br>5 OF 14 |
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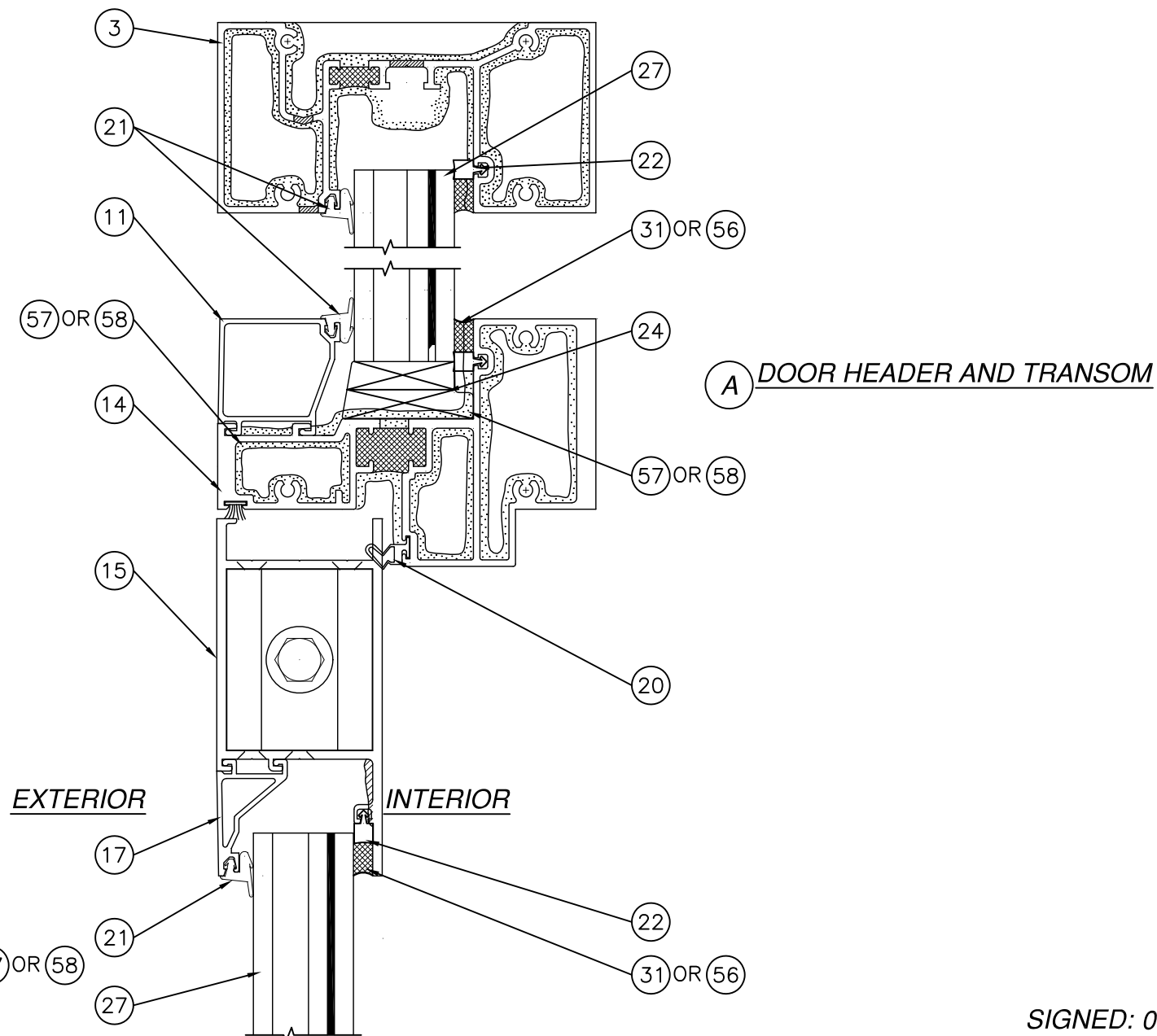


Luis R. Lomas P.E.  
FL No.: 62514



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

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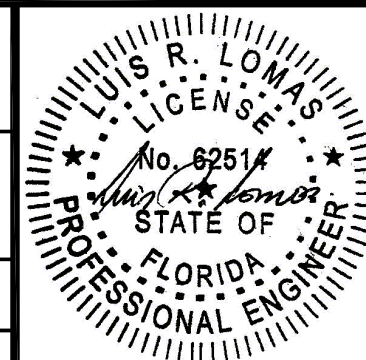
SIGNED: 09/03/2026

**US ALUMINUM**  
950 SOLON RD.  
WAXAHACHIE, TX 75165

**SERIES BT601/IT600 STORM FRONT OS ALUMINUM  
STOREFRONT DOOR SYSTEM - LMI  
CROSS SECTIONS**

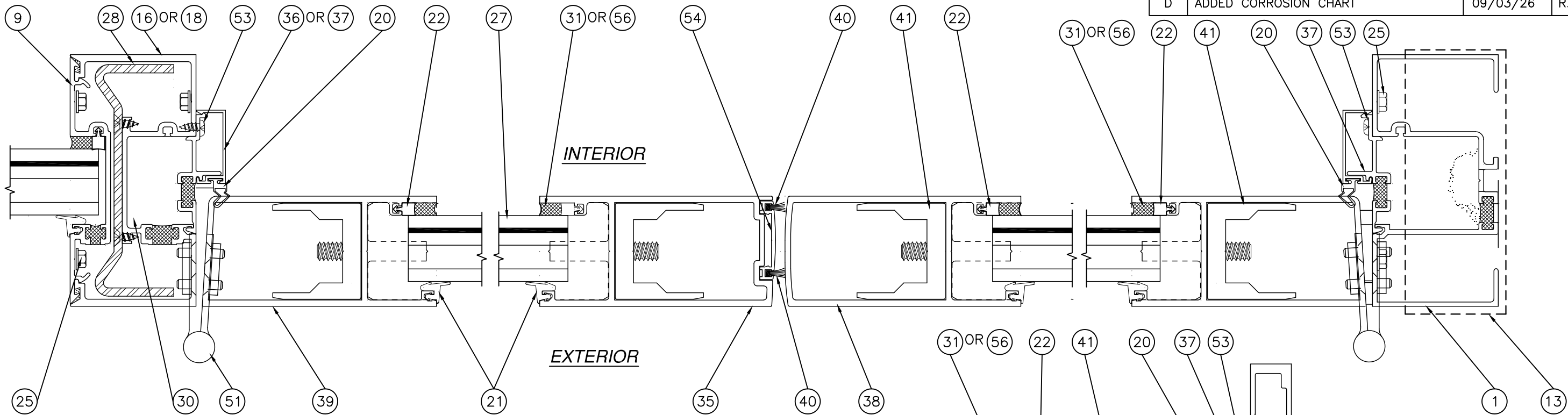
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| DRAWN:<br>TJH | DWG NO.<br>08-01577 | REV<br>D         |
| SCALE<br>NTS  | DATE<br>01/11/10    | SHEET<br>6 OF 14 |

L. ROBERTO LOMAS P.E.  
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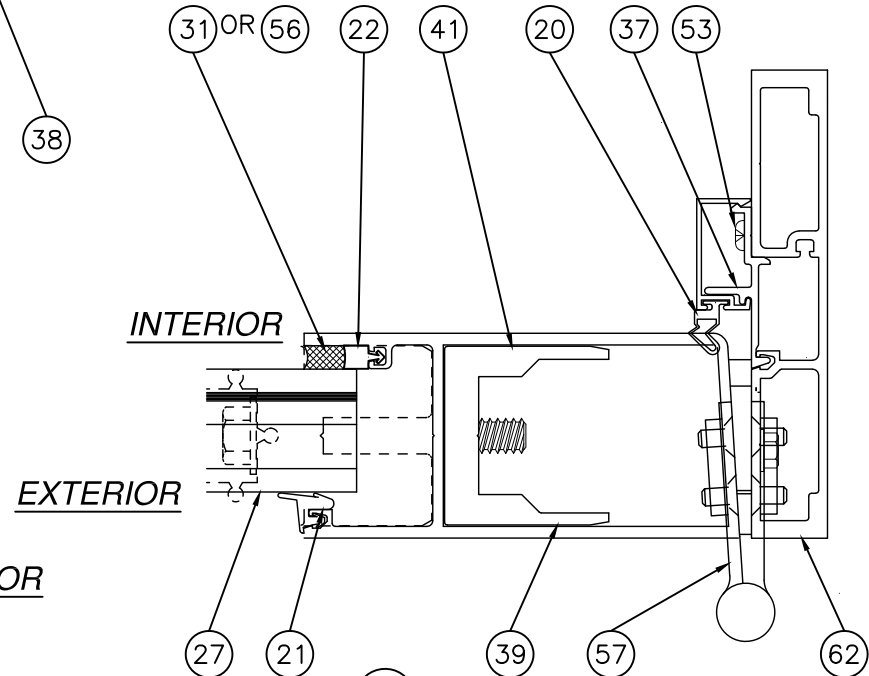
Luis R. Lomas P.E.  
FL No.: 62514

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



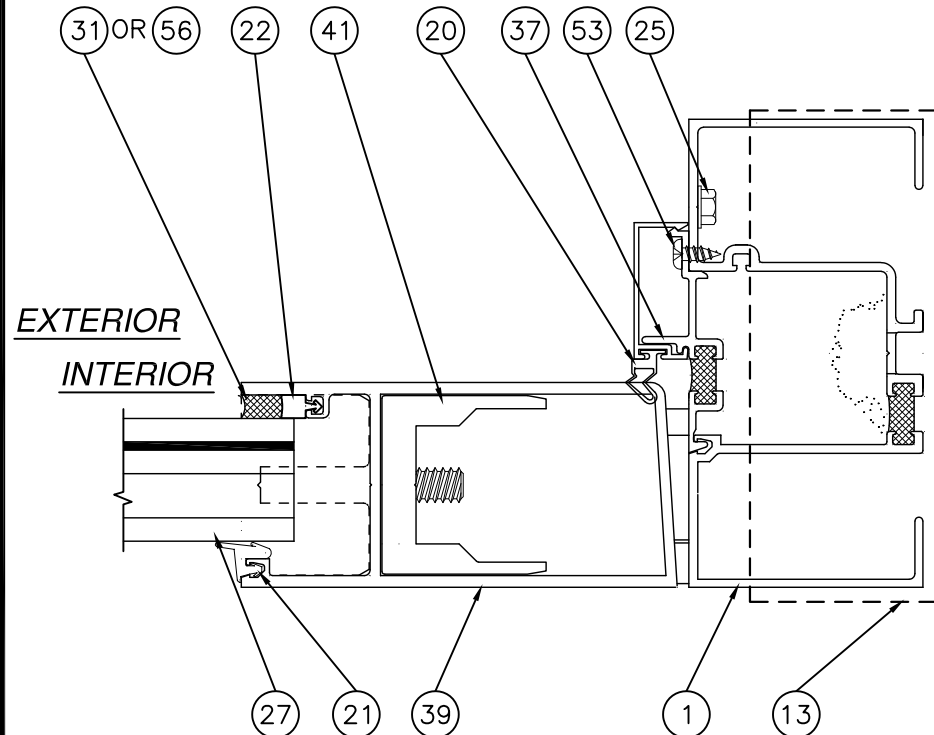
MULLION ASSEMBLY PROPERTIES  
TOTAL I<sub>x</sub> (IN TERMS OF ALUMINUM): 18.6538 in<sup>4</sup>  
S<sub>x</sub> ALUMINUM: 7.307 in<sup>3</sup>

**C** DOUBLE DOOR

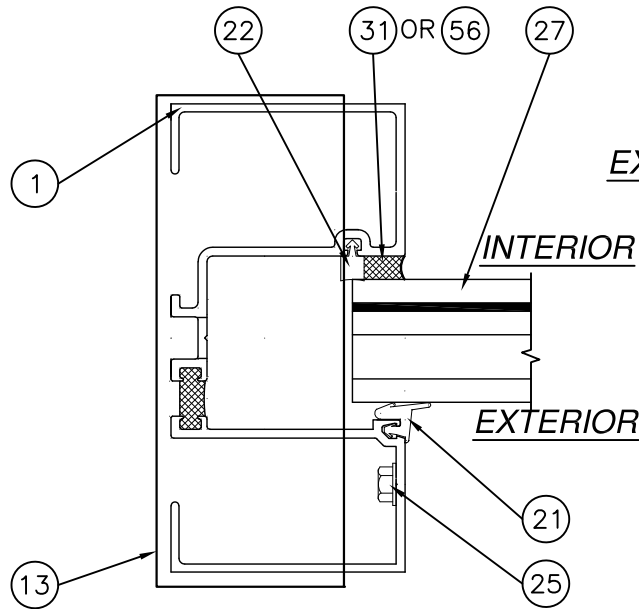


**C** HEAD OR JAMB WITH OPTIONAL FRAME

SIGNED: 09/03/2026



**F** LOCK STILE TO JAMB



**D** TRANSOM JAMB

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

US ALUMINUM

950 SOLON RD.

WAXAHACHIE, TX 75165

SERIES BT601/IT600 STORM FRONT OS ALUMINUM

STOREFRONT DOOR SYSTEM - LMI

CROSS SECTIONS

DRAWN: TJH

DWG NO. 08-01577

REV D

SCALE NTS

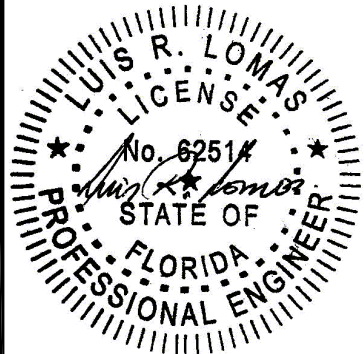
DATE 01/11/10

SHEET 7 OF 14

L. ROBERTO LOMAS P.E.

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

1 1/2" MIN. EDGE DIST.

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

SILL TO BE SET IN BED OF APPROVED SEALANT

FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT

WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

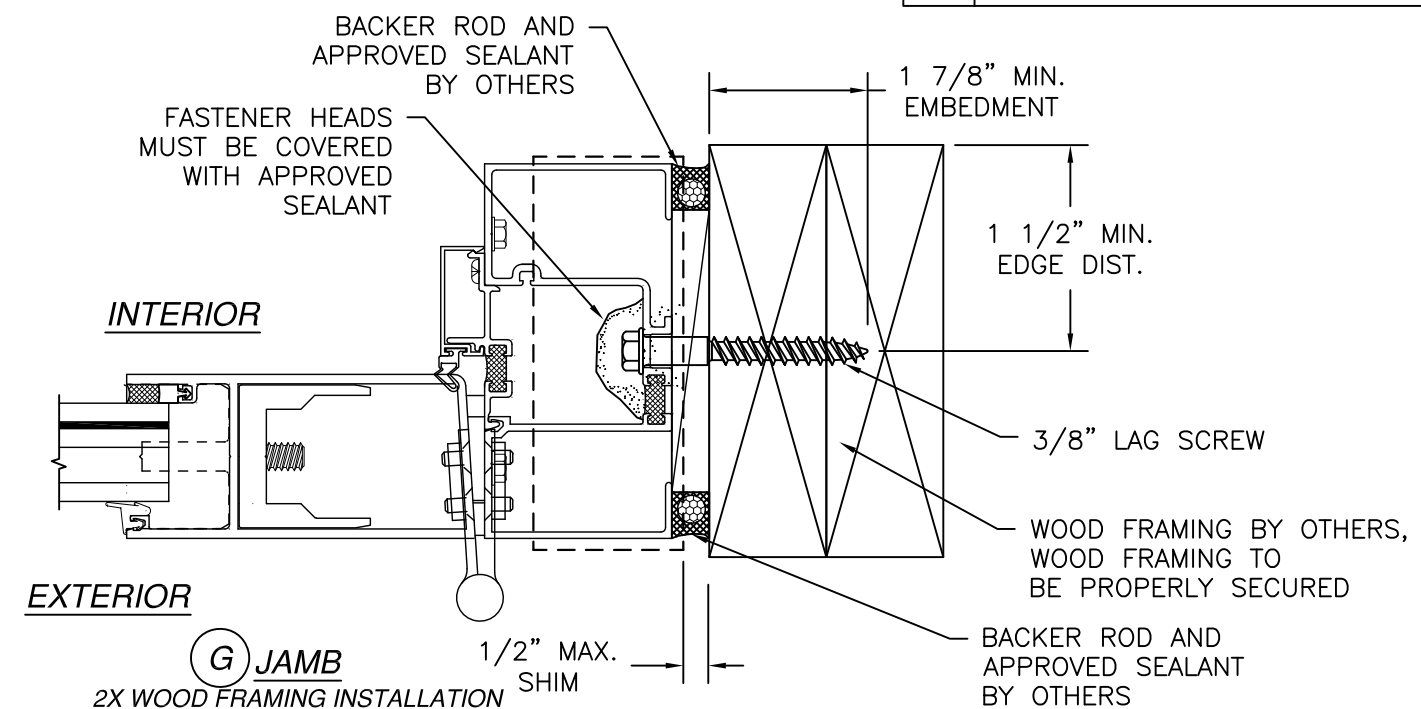
WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED

1 7/8" MIN. EMBEDMENT

1 1/2" MIN. EDGE DIST.

**(B) WATER THRESHOLD**

2X WOOD FRAMING INSTALLATION



**(G) JAMB**

2X WOOD FRAMING INSTALLATION  
HINGE JAMB SHOWN, LOCK JAMB AND TRANSOM JAMB SIMILAR

INTERIOR

EXTERIOR

#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

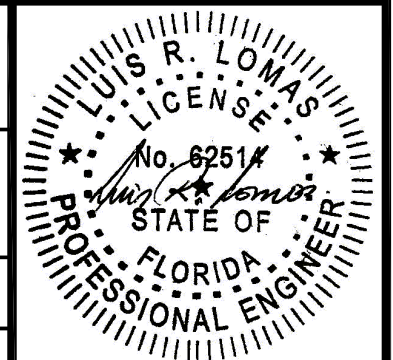
US ALUMINUM

950 SOLON RD.  
WAXAHACHIE, TX 75165

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

|               |                     |                  |
|---------------|---------------------|------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-01577 | REV<br>D         |
| SCALE<br>NTS  | DATE<br>01/11/10    | SHEET<br>8 OF 14 |

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

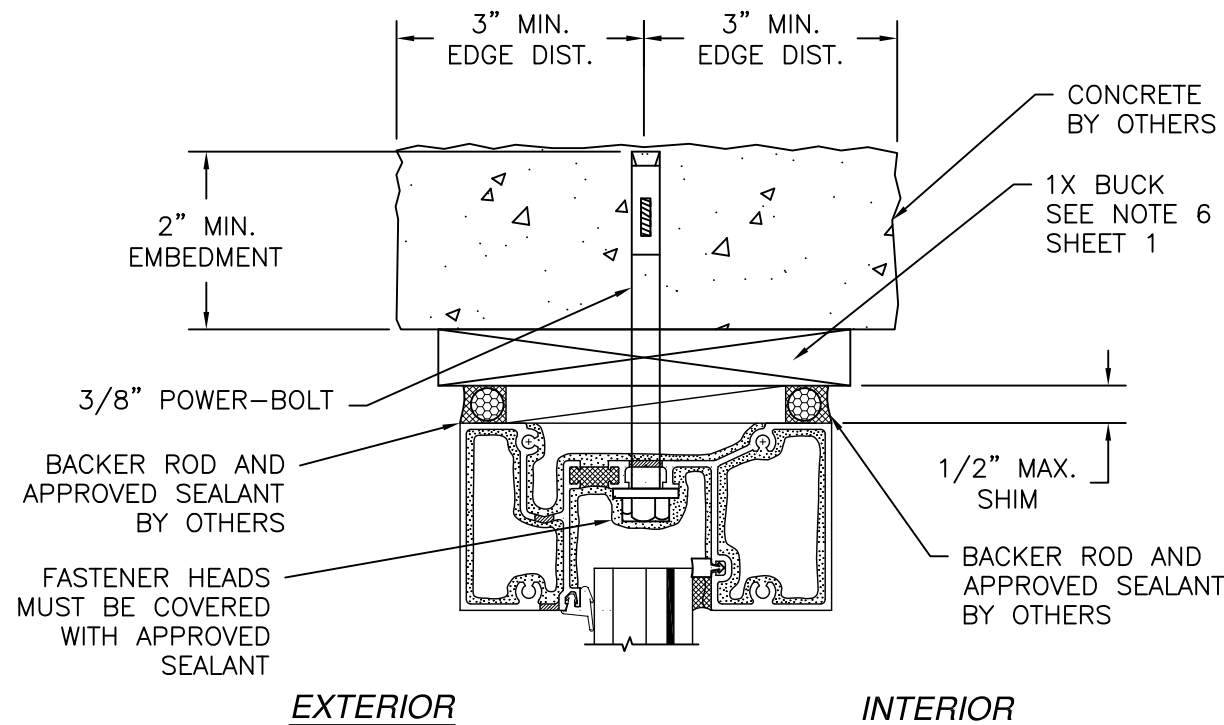


Luis R. Lomas P.E.  
FL No.: 62514

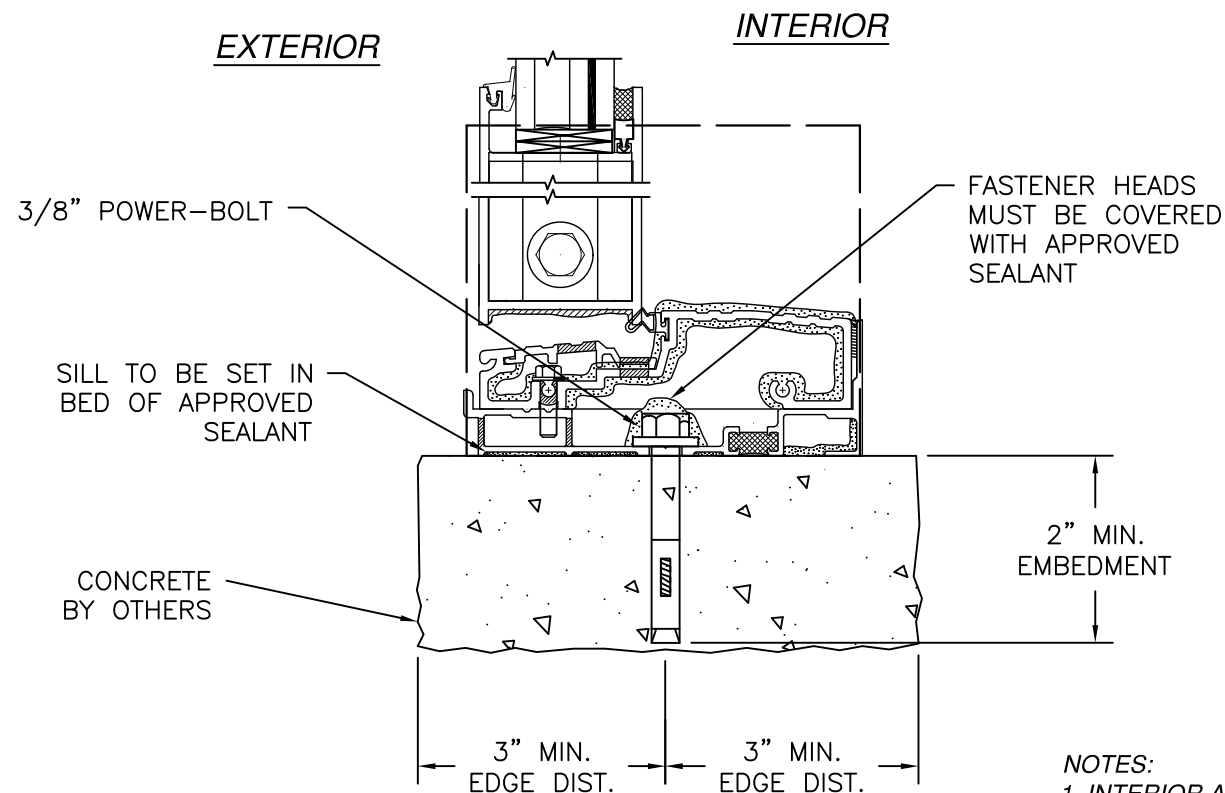
NOTES:  
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.  
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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

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

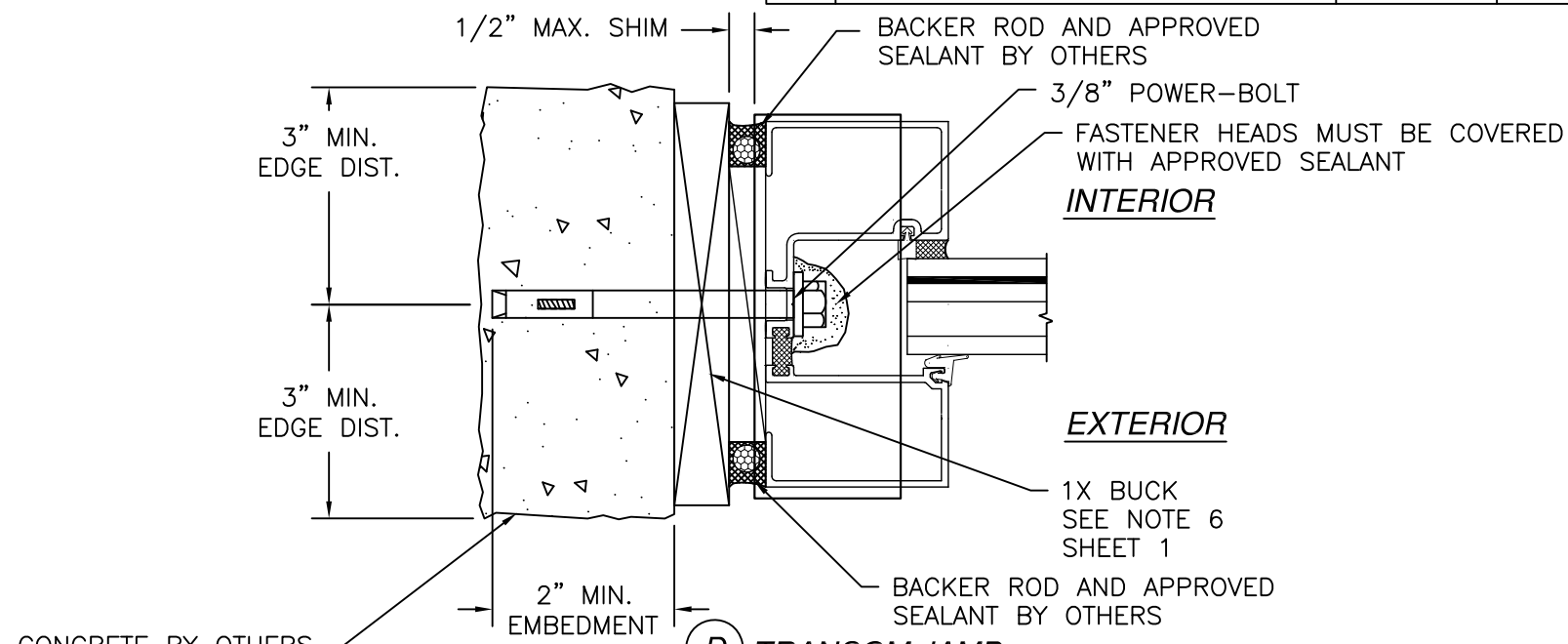


**A** **TRANSOM HEADER**  
CONCRETE INSTALLATION  
DOOR HEADER SIMILAR

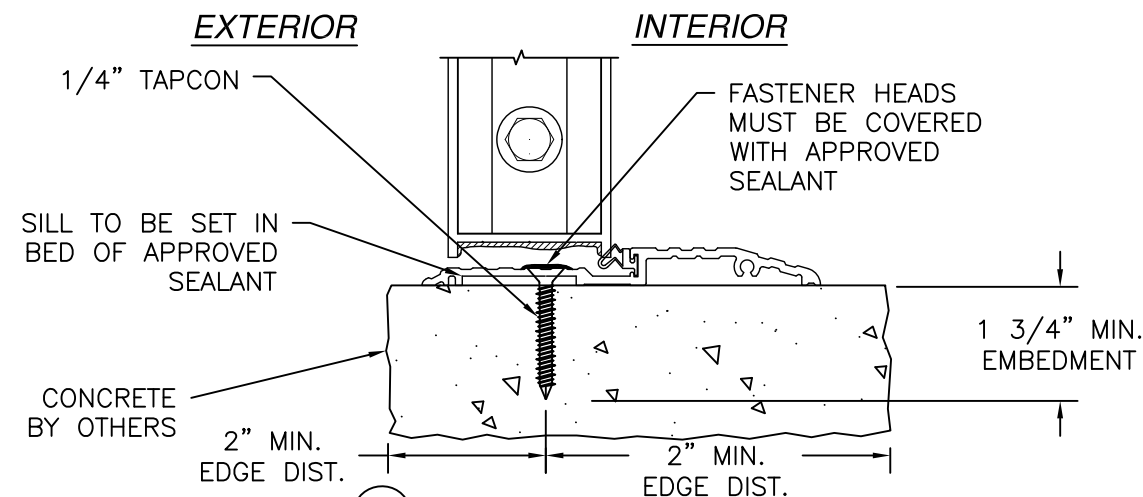


**B** **WATER THRESHOLD**  
CONCRETE INSTALLATION

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

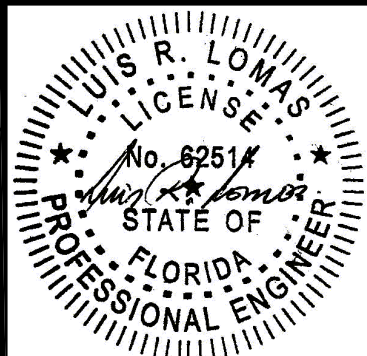


**D** **TRANSOM JAMB**  
MASONRY/CONCRETE LOCK JAMB AND HINGE JAMB SIMILAR



**B** **AIR THRESHOLD**  
CONCRETE INSTALLATION

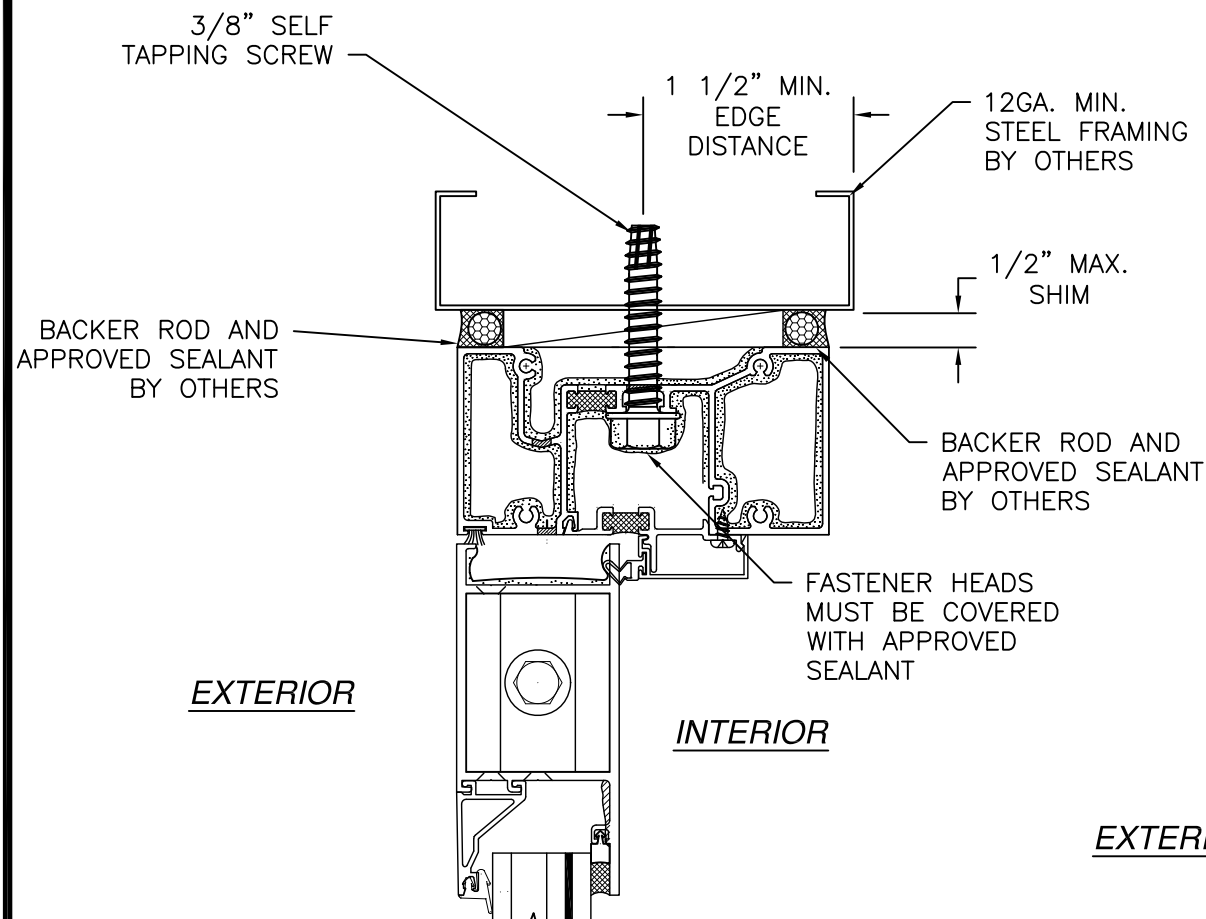
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|----------------------------------------------------------------------------------------------------|---------------------|------------------|
| <b>US ALUMINUM</b><br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                        |                     |                  |
| SERIES BT601/IT600 STORM FRONT OS ALUMINUM<br>STOREFRONT DOOR SYSTEM - LMI<br>INSTALLATION DETAILS |                     |                  |
| DRAWN:<br>TJH                                                                                      | DWG NO.<br>08-01577 | REV<br>D         |
| SCALE<br>NTS                                                                                       | DATE<br>01/11/10    | SHEET<br>9 OF 14 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com  |                     |                  |



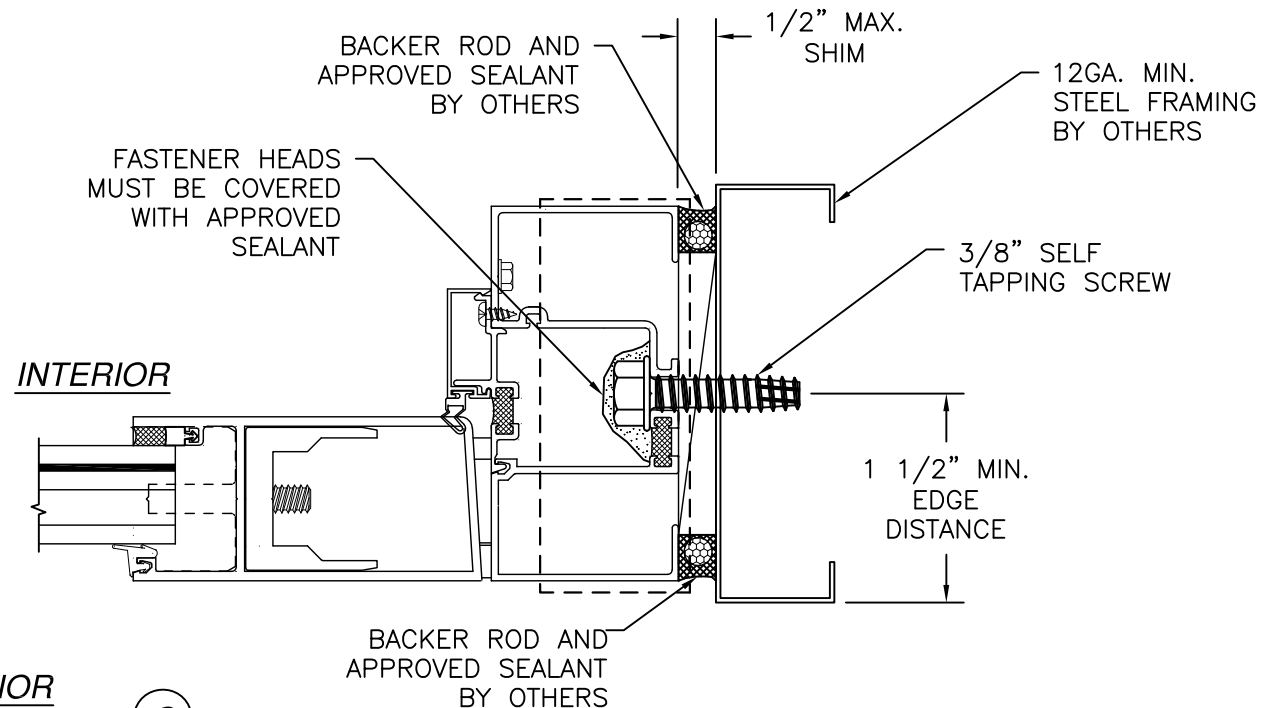
Luis R. Lomas P.E.  
FL No.: 62514

SIGNED: 09/03/2026

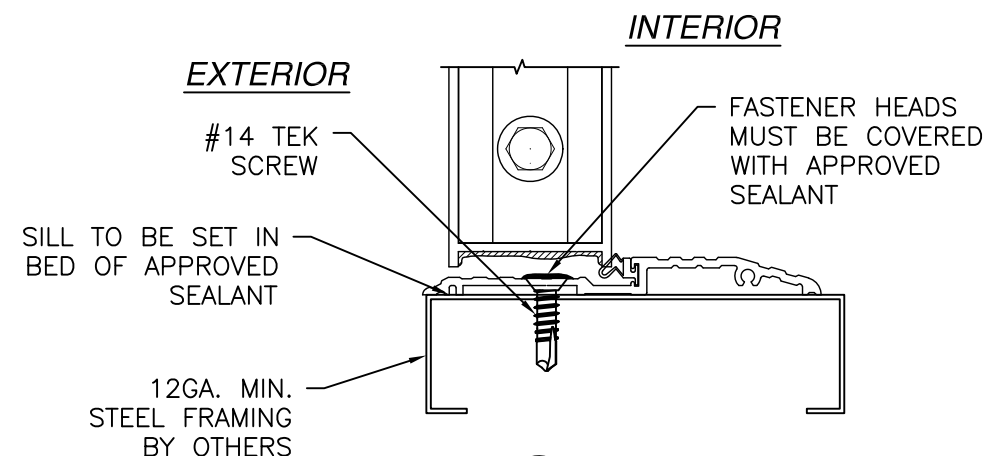
| REVISIONS |                            |          |          |
|-----------|----------------------------|----------|----------|
| REV       | DESCRIPTION                | DATE     | APPROVED |
| C         | CHANGE MANUFACTURER'S NAME | 03/23/23 | R.L.     |
| D         | ADDED CORROSION CHART     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



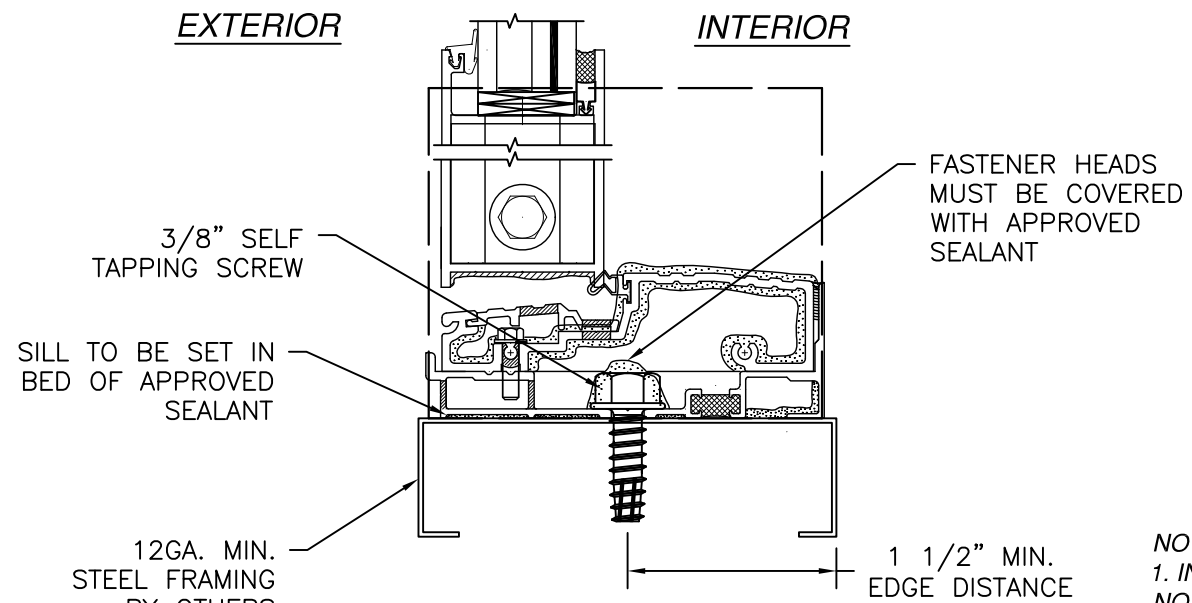
**(E) DOOR HEADER**  
STEEL FRAMING INSTALLATION  
TRANSOM HEADER SIMILAR



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



**(B) AIR THRESHOLD**  
STEEL FRAMING INSTALLATION

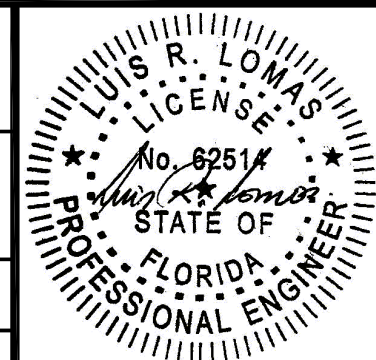


**(B) WATER THRESHOLD**  
STEEL FRAMING INSTALLATION

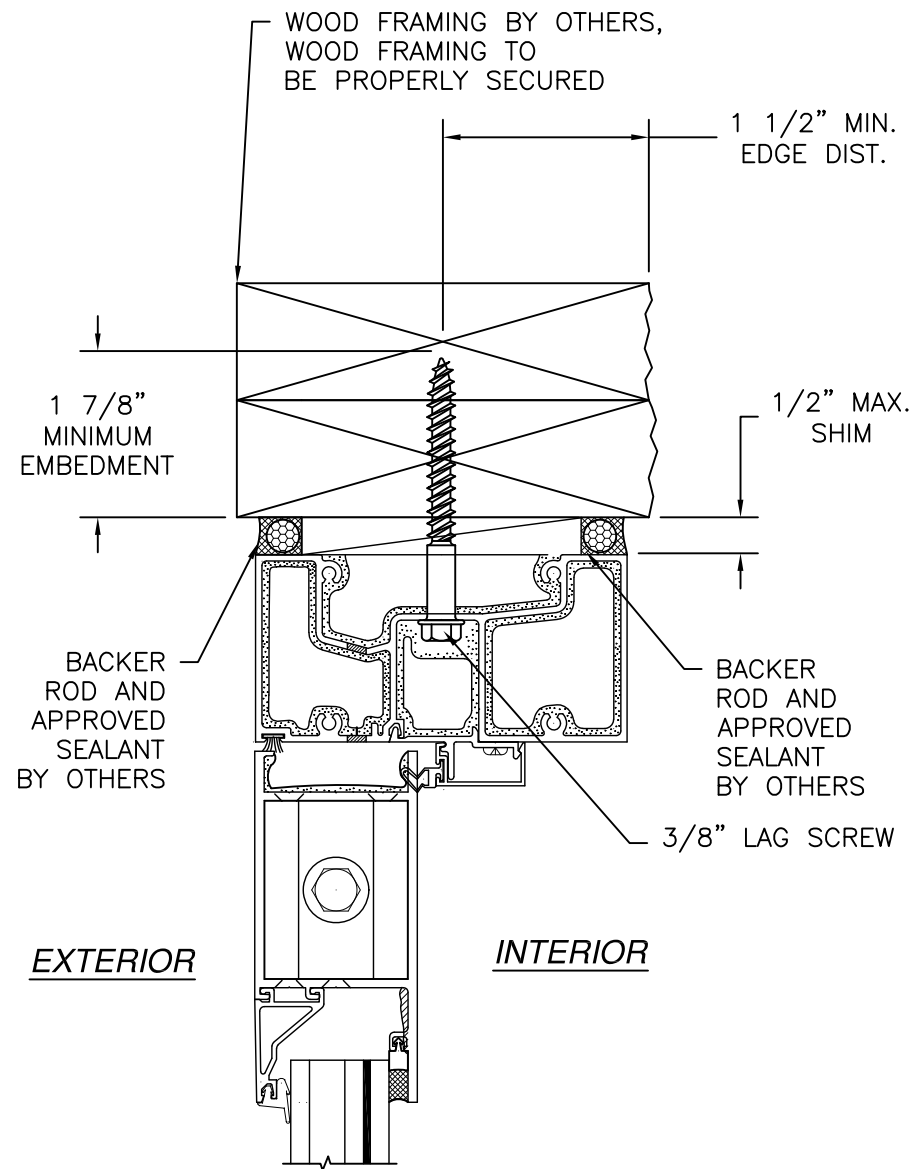
NOTES:  
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.  
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 09/03/2026

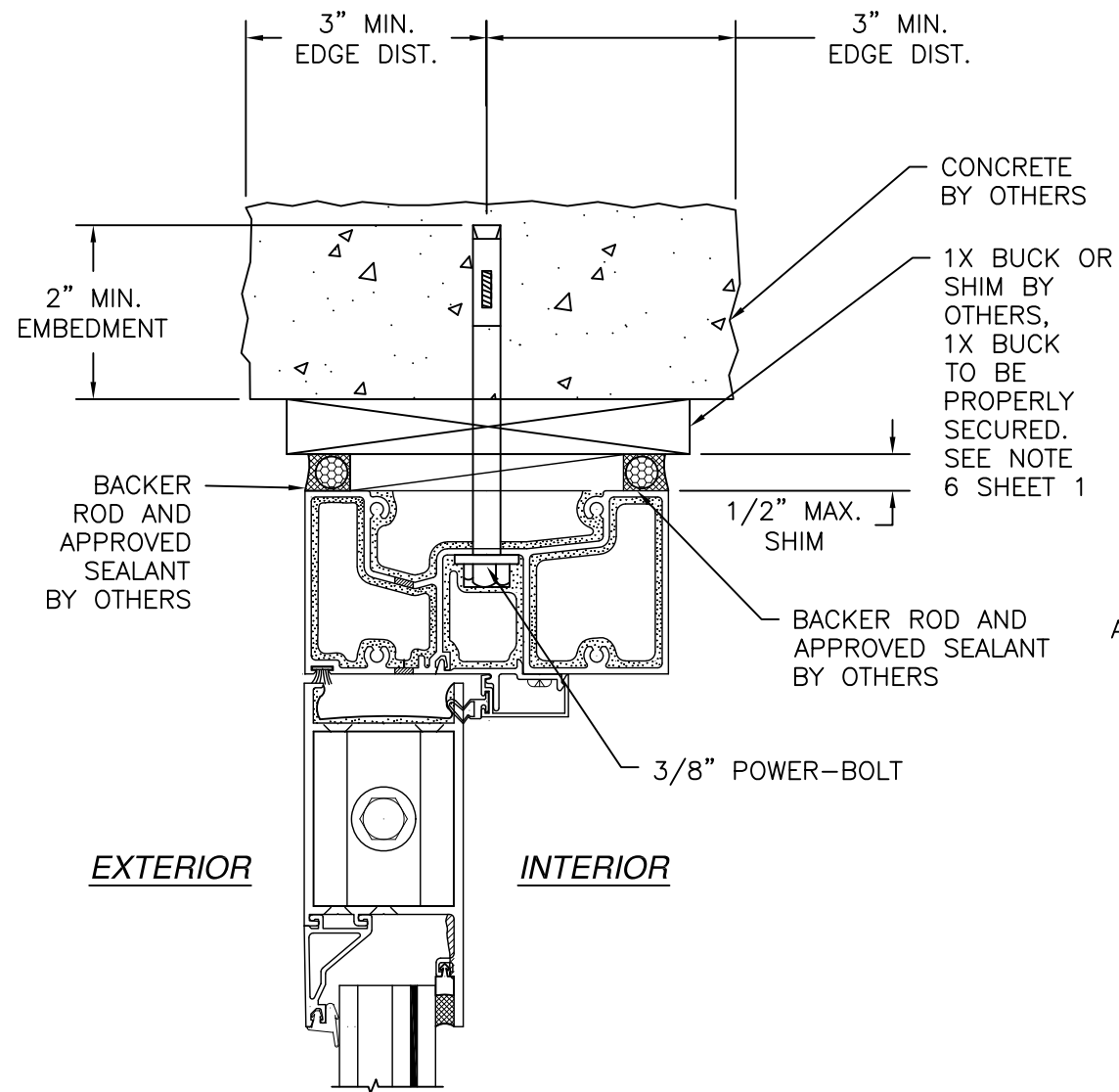
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|----------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>US ALUMINUM</b><br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                        |                     |                   |
| SERIES BT601/IT600 STORM FRONT OS ALUMINUM<br>STOREFRONT DOOR SYSTEM - LMI<br>INSTALLATION DETAILS |                     |                   |
| DRAWN:<br>TJH                                                                                      | DWG NO.<br>08-01577 | REV<br>D          |
| SCALE<br>NTS                                                                                       | DATE<br>01/11/10    | SHEET<br>10 OF 14 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com  |                     |                   |



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

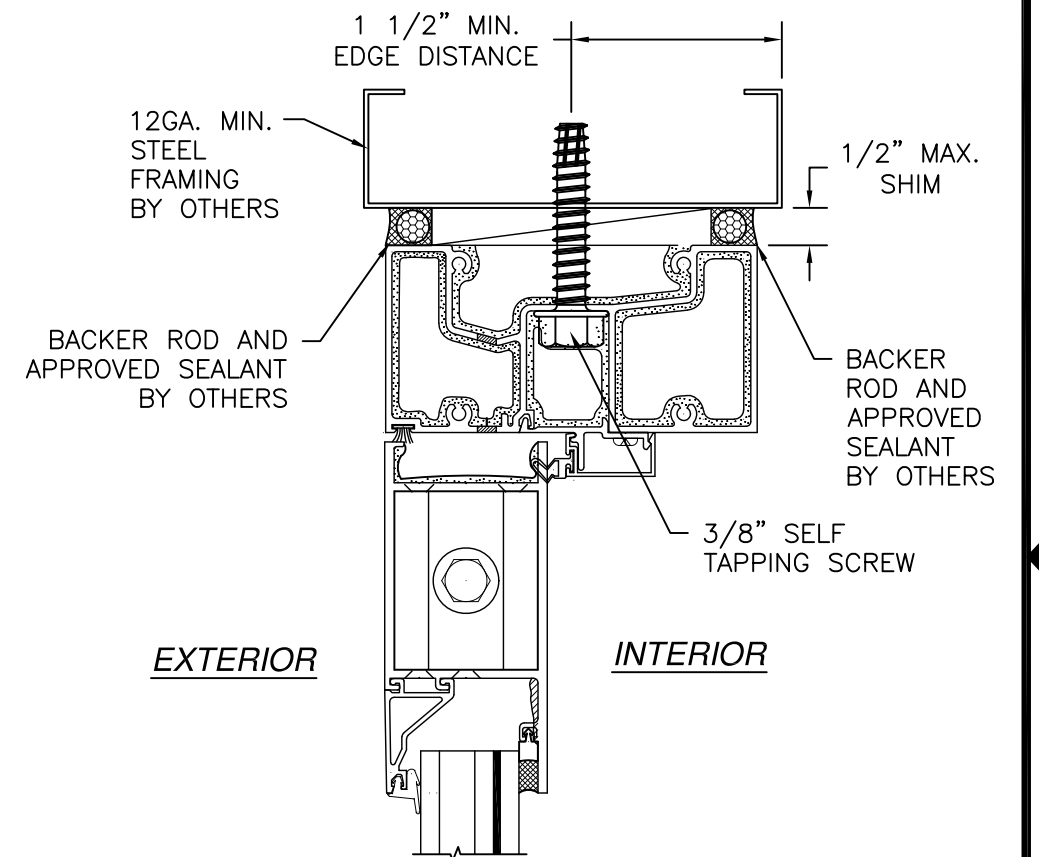


**(E) OPTIONAL DOOR HEADER**  
2X INSTALLATION



**(E) OPTIONAL DOOR HEADER**  
CONCRETE INSTALLATION

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

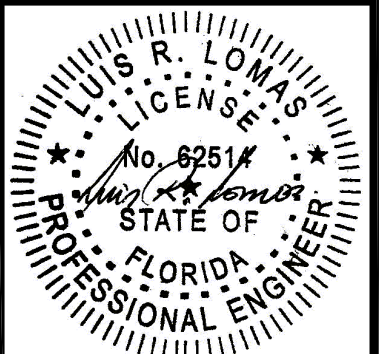


**(E) OPTIONAL DOOR HEADER**  
STEEL FRAMING INSTALLATION

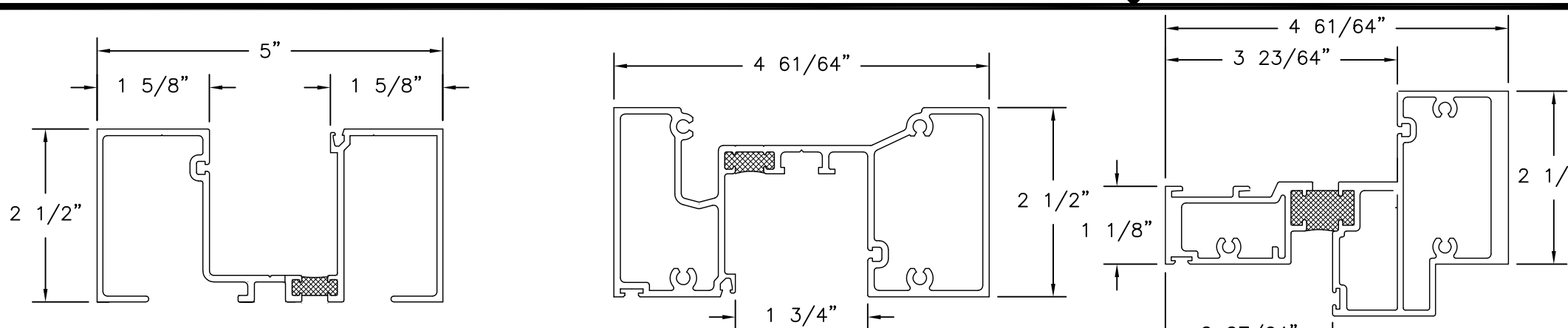
NOTES:  
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.  
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 09/03/2026

|                                                                                                     |                     |                   |
|-----------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>US ALUMINUM</b><br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                         |                     |                   |
| <b>SERIES BT601/IT600 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM - LMI INSTALLATION DETAILS</b> |                     |                   |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-01577 | REV<br>D          |
| SCALE<br>NTS                                                                                        | DATE<br>01/11/10    | SHEET<br>11 OF 14 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com   |                     |                   |



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



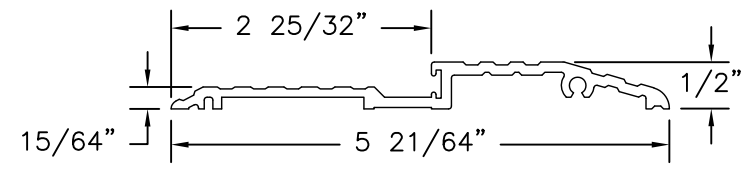
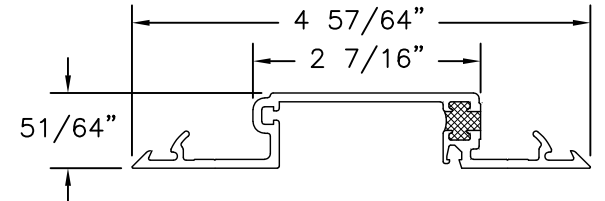
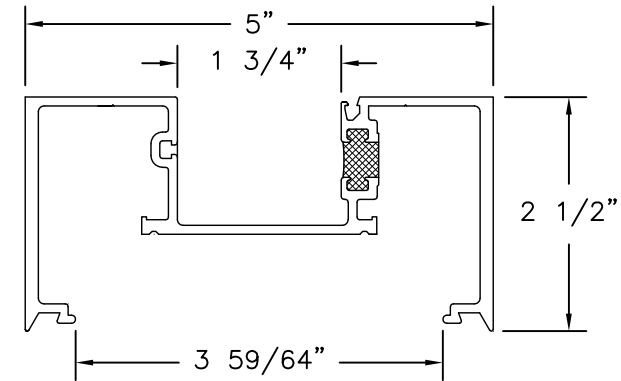
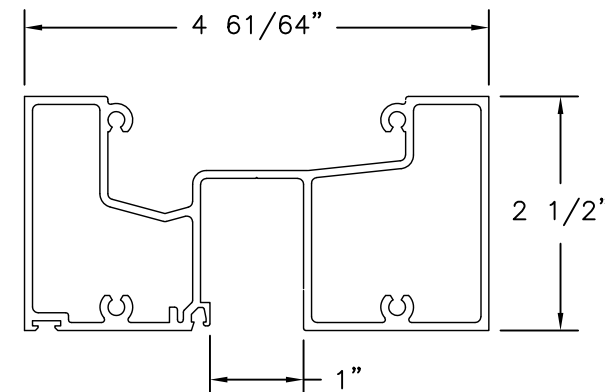
| REVISIONS |                            |          |          |
|-----------|----------------------------|----------|----------|
| REV       | DESCRIPTION                | DATE     | APPROVED |
| C         | CHANGE MANUFACTURER'S NAME | 03/23/23 | R.L.     |
| D         | ADDED CORROSION CHART     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

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

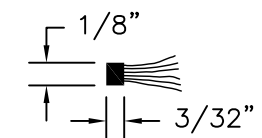


② **OPTIONAL DOOR HEADER**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK

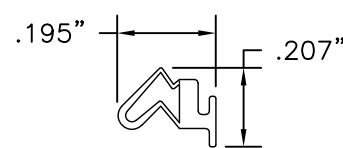
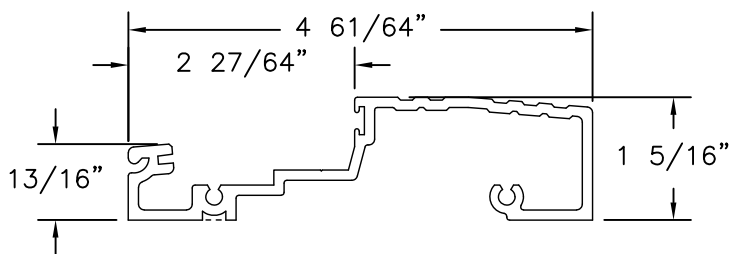
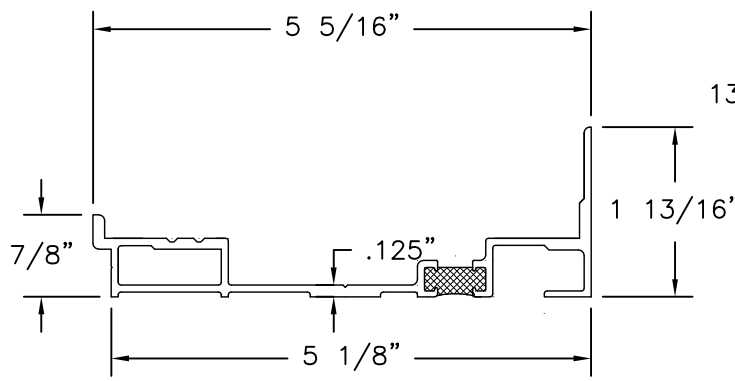
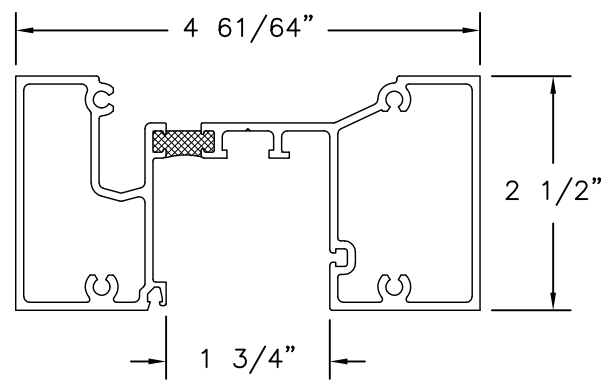
⑯ **VERTICAL MULLION**  
EXTRUDED ALUMINUM 6063-T5 .095" THICK

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

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



④① **DOOR WEATHERSTRIP**  
POLY PILE

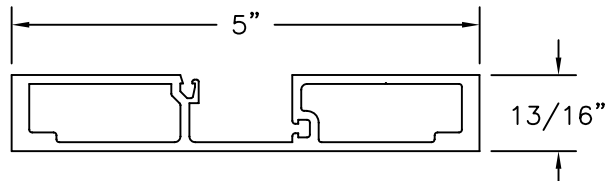
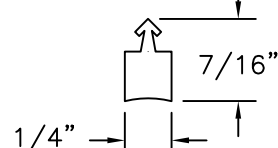
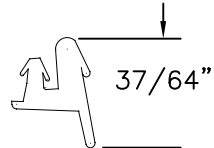


③ **HEAD MULLION**  
EXTRUDED ALUMINUM 6063-T5 .085" THICK

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

②② **GLAZING SEAL**  
SCR

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

US ALUMINUM  
950 SOLON RD.  
WAXAHACHIE, TX 75165

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

DRAWN:  
TJH

DWG NO.  
08-01577

REV  
D

SCALE NTS

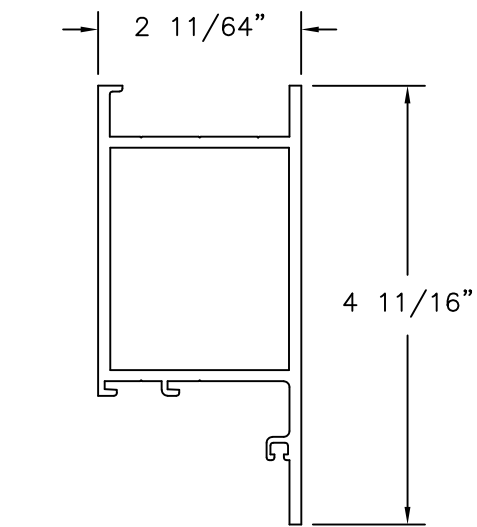
DATE 01/11/10

SHEET 12 OF 14

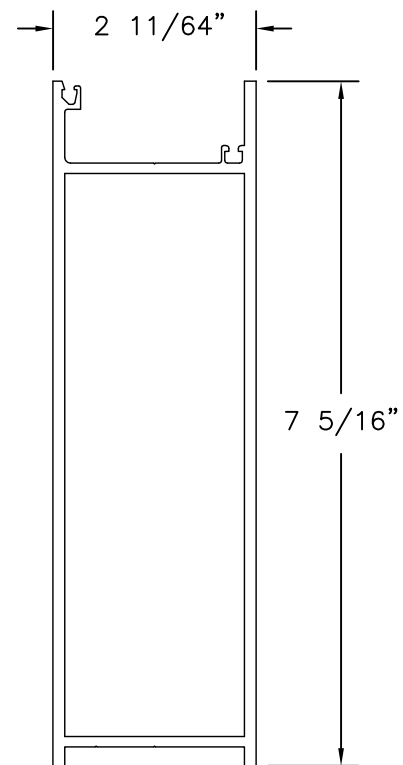
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/03/2026

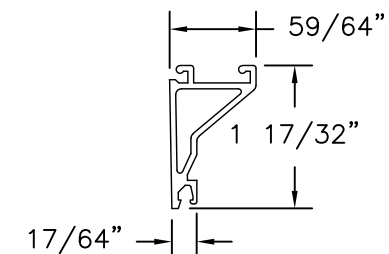
Luis R. Lomas P.E.  
FL No.: 62514



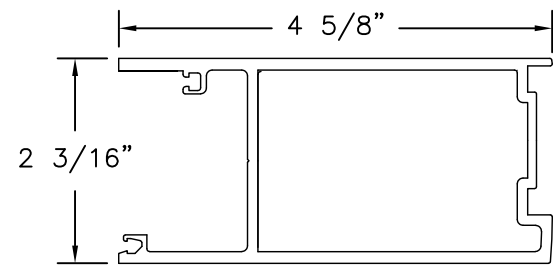
⑮ DOOR TOP RAIL  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



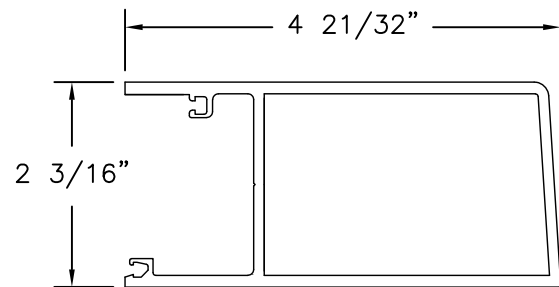
⑲ BOTTOM RAIL  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



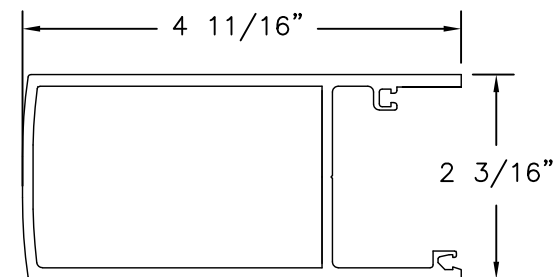
⑰ DOOR GLAZING STOP  
EXTRUDED ALUMINUM  
6063-T5 .062" THICK



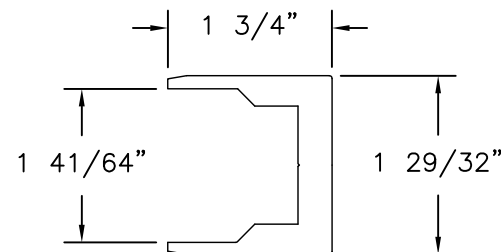
③⑤ INACTIVE STILE  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



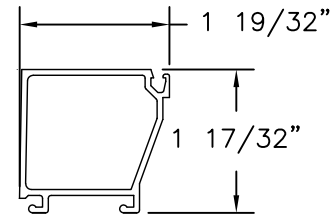
③⑨ HINGE STILE  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



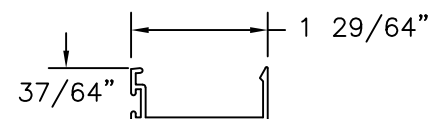
③⑧ ACTIVE STILE  
EXTRUDED ALUMINUM  
6063-T5 .125" THICK



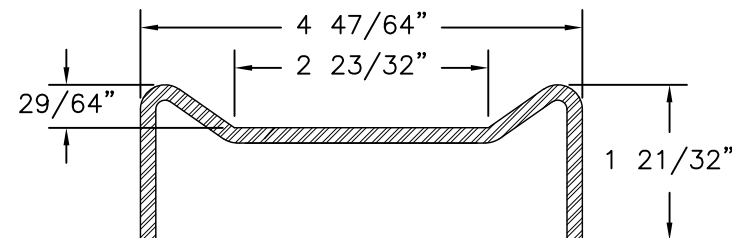
④① SHEAR CHANNEL  
EXTRUDED ALUMINUM  
6063-T5 .363" THICK



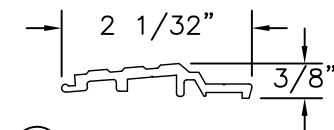
⑪ GLASS STOP  
EXTRUDED ALUMINUM 6063-T5 .062" THICK



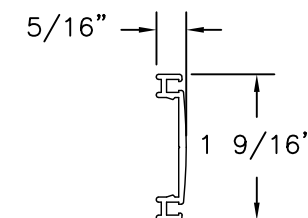
③⑥ DOOR STOP  
EXTRUDED ALUMINUM  
6063-T5 .050" THICK



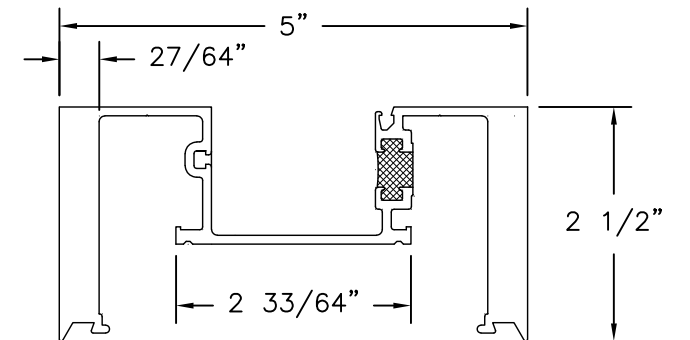
②⑧ STEEL STIFFENER HEAVY  
FORMED 8GA. A36 MILD STEEL



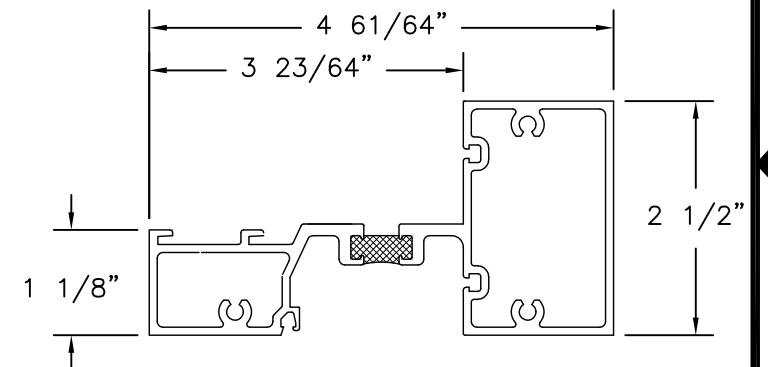
③③ HP WATER THRESHOLD INSERT  
EXTRUDED ALUMINUM  
6063-T5 .090" THICK



⑤④ ADJUSTABLE ASTRAGAL  
EXTRUDED ALUMINUM  
6063-T5 .055" THICK



⑱ HEAVY DUTY VERTICAL MULLION  
EXTRUDED ALUMINUM 6063-T5 .095" THICK

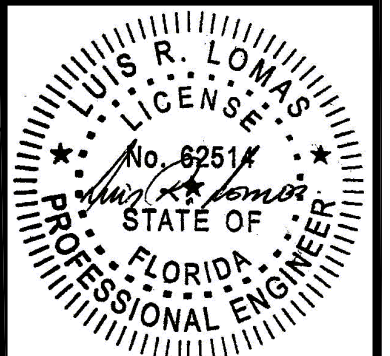


⑩ HORIZONTAL MULL  
EXTRUDED ALUMINUM  
6063-T5 .085" THICK

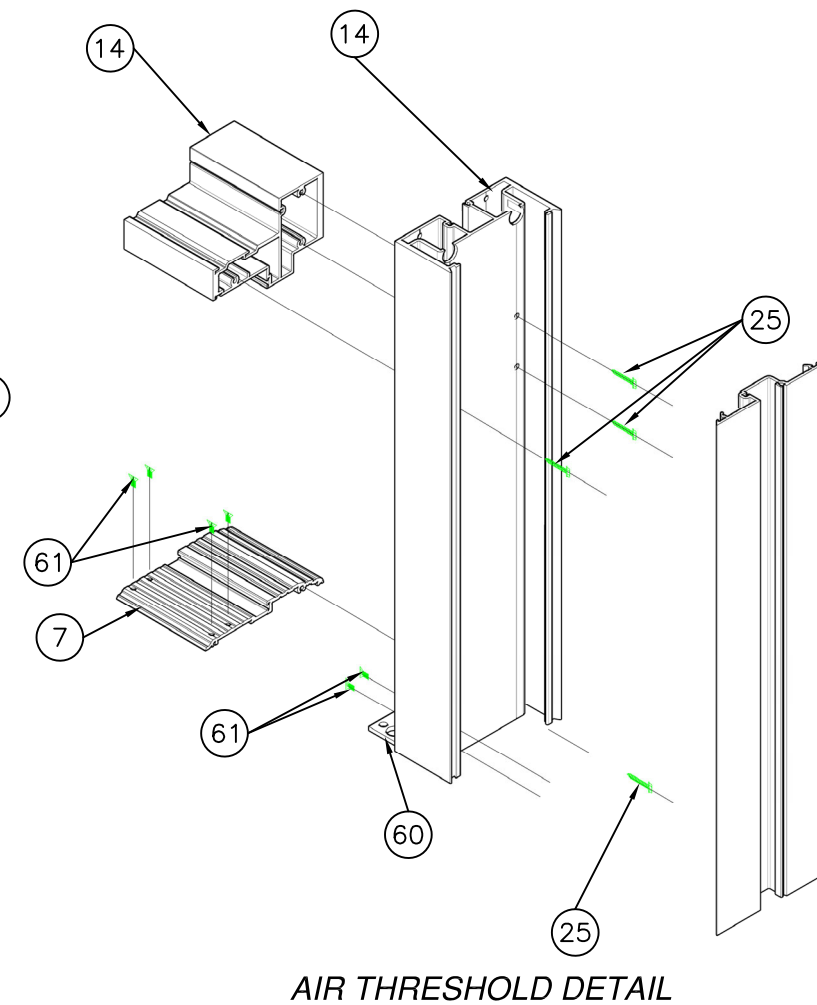
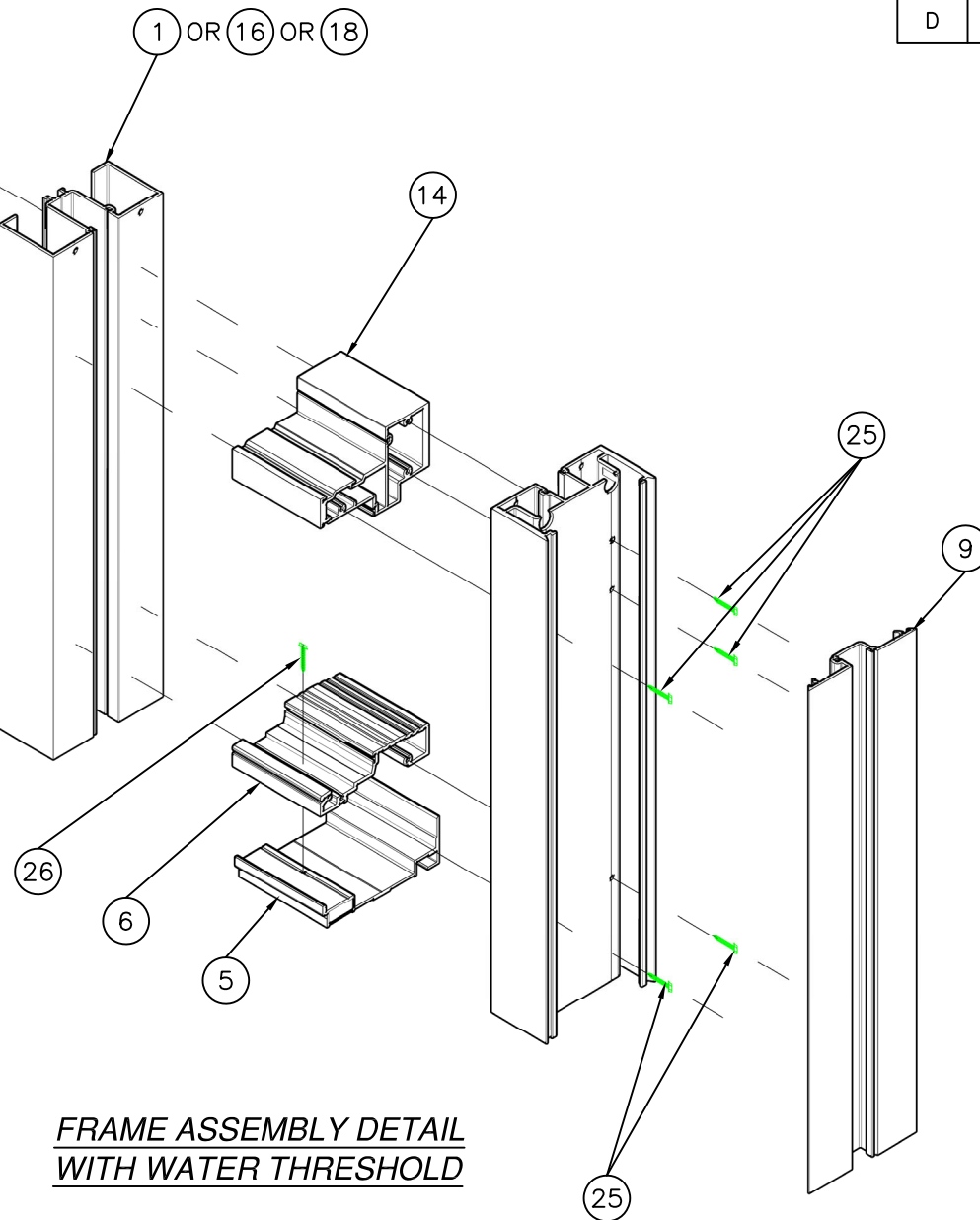
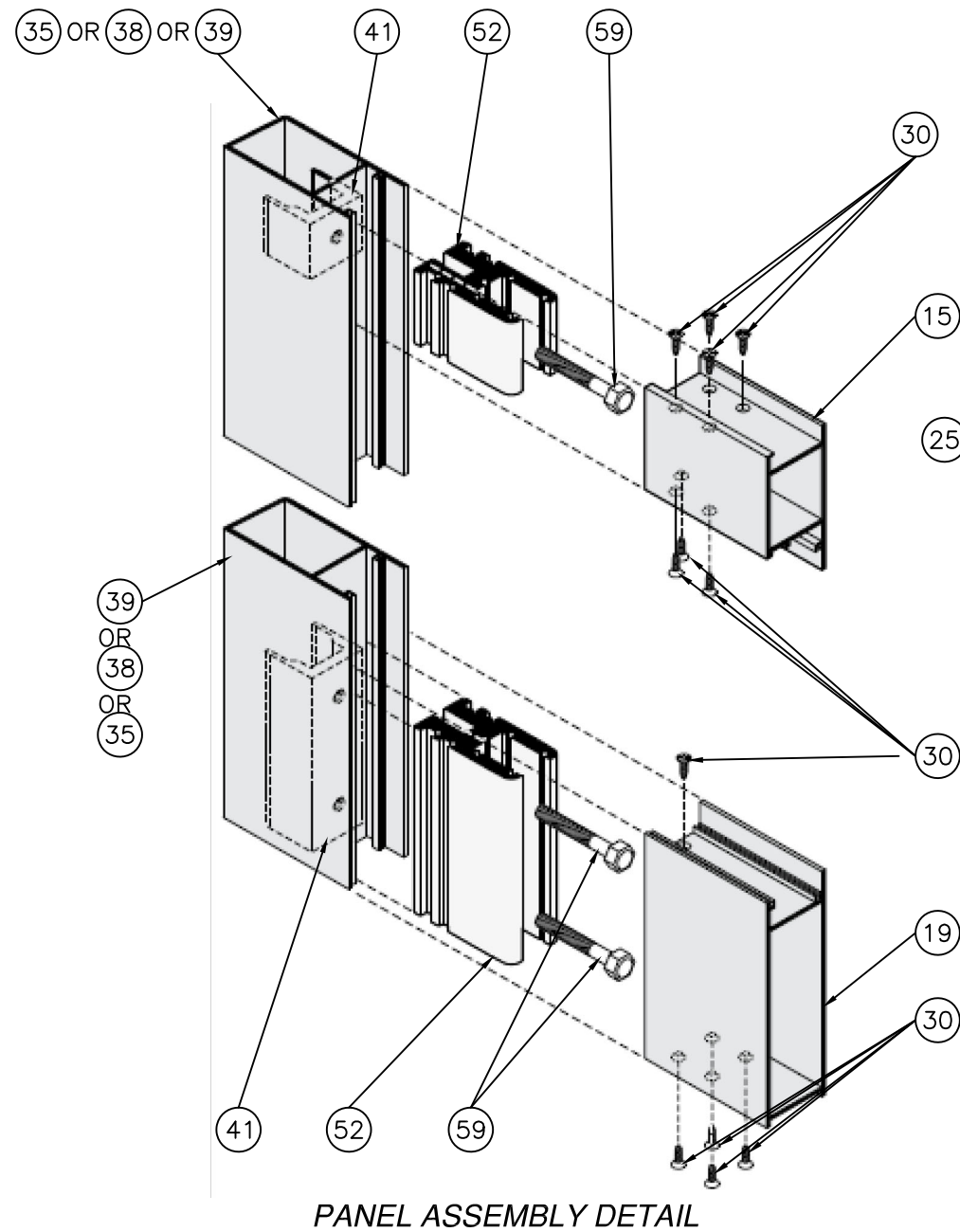
| REVISIONS |                            |          |          |
|-----------|----------------------------|----------|----------|
| REV       | DESCRIPTION                | DATE     | APPROVED |
| C         | CHANGE MANUFACTURER'S NAME | 03/23/23 | R.L.     |
| D         | ADDED CORROSION CHART     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

SIGNED: 09/03/2026

|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| US ALUMINUM<br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                              |                     |                   |
| SERIES BT601/IT600 STORM FRONT OS ALUMINUM<br>STOREFRONT DOOR SYSTEM - LMI<br>COMPONENTS          |                     |                   |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-01577 | REV<br>D          |
| SCALE<br>NTS                                                                                      | DATE<br>01/11/10    | SHEET<br>13 OF 14 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



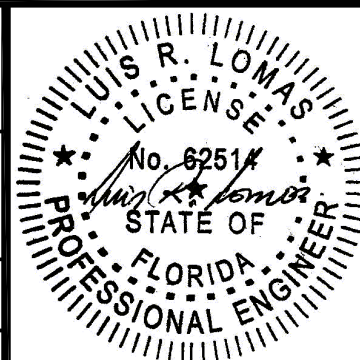
Luis R. Lomas P.E.  
FL No.: 62514



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

SIGNED: 09/03/2026

|                                                                                                                |                     |                   |
|----------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>US ALUMINUM</b><br>950 SOLON RD.<br>WAXAHACHIE, TX 75165                                                    |                     |                   |
| SERIES BT601/IT600 STORM FRONT OS ALUMINUM<br>STOREFRONT DOOR SYSTEM - LMI<br>PANEL AND FRAME ASSEMBLY DETAILS |                     |                   |
| DRAWN:<br>TJH                                                                                                  | DWG NO.<br>08-01577 | REV<br>D          |
| SCALE<br>NTS                                                                                                   | DATE<br>01/11/10    | SHEET<br>14 OF 14 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com              |                     |                   |



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