

| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |

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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. 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.
5. 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.
6. 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.
7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: ALUMINUM 6063-T5.
12. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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

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LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
NOTES

DRAWN:  
A.R.

DWG NO.  
08-03612

REV  
-

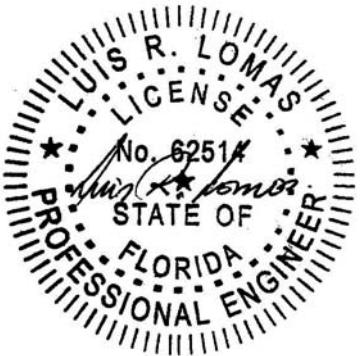
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SHEET 1 OF 11

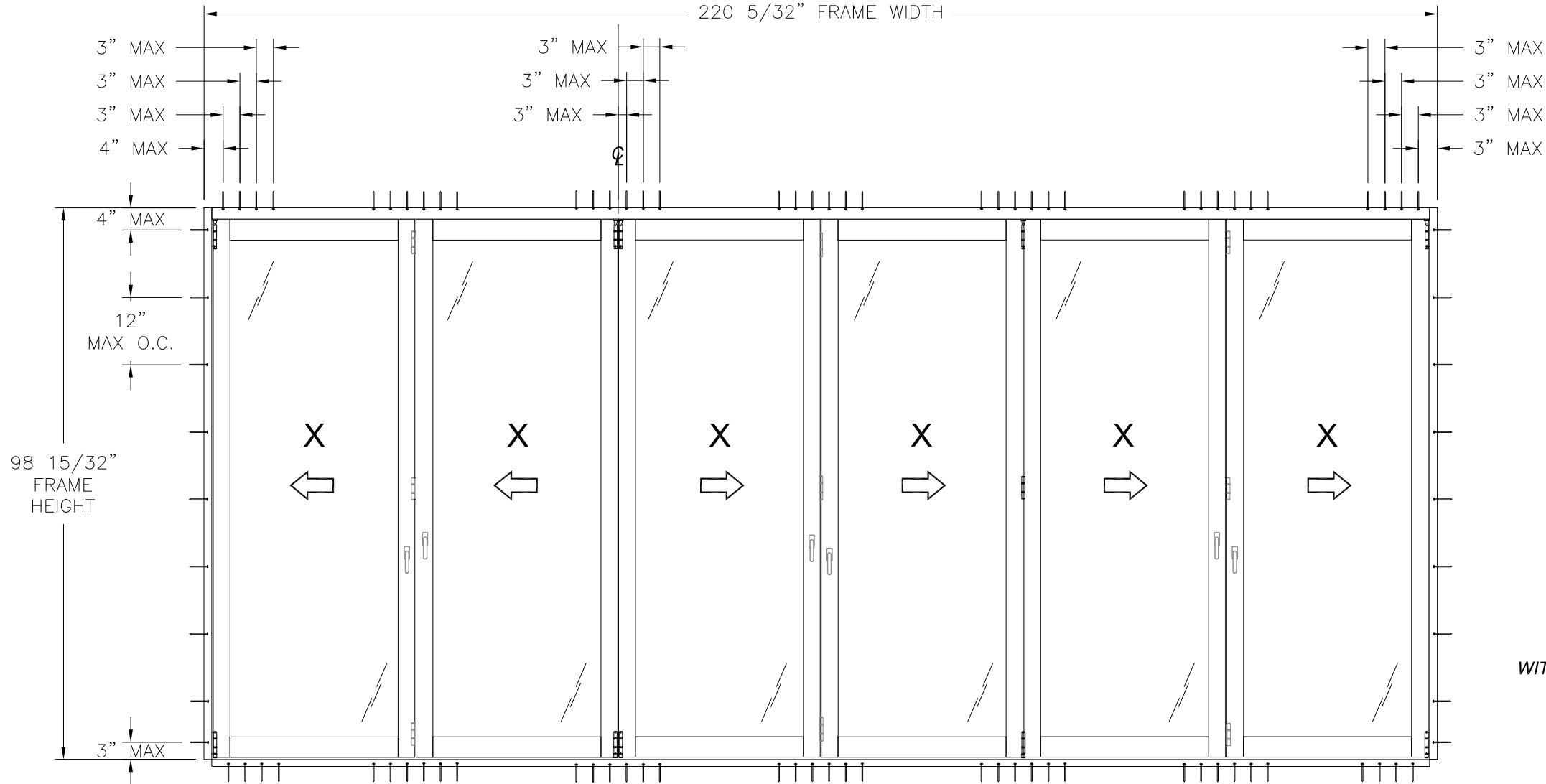
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| REVISIONS |             |      |          |
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- NOTES:
- PANEL SIZE: 36" X 96"
  - D.L.O. SIZE: 30" X 88 3/4"

WITH STANDARD THRESHOLD

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| +55.0/-80.0PSF         | NONE          |

WHERE WATER PENETRATION RESISTANCE IS REQUIRED  
SEE CHART #1 SHEET 3 FOR OTHER SIZES

WITH STANDARD THRESHOLD

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| +100.0/-80.0PSF        | NONE          |

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED  
SEE CHART #2 SHEET 3 FOR OTHER SIZES

WITH FLUSH GUIDE, COMMERCIAL FLUSH GUIDE AND LOW RISE THRESHOLD

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| ±70.0PSF               | NONE          |

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED  
SEE CHART #3 SHEET 3 FOR OTHER SIZES

SERIES E3 HURRICANE OUTWARD OPENING BIFOLD DOORS

EXTERIOR VIEW

6 PANEL UNIT (2L4R) SHOWN. UNLIMITED NUMBER OF PANELS ARE APPROVED AS LONG AS  
PANEL AREA DOES NOT EXCEED 24 FT<sup>2</sup> AND TOTAL FRAME AREA DOES NOT EXCEED 225.8 FT<sup>2</sup>

HARDWARE SCHEDULE

|    |                                                                                                                               |
|----|-------------------------------------------------------------------------------------------------------------------------------|
| A. | (1) INTERLOCK USA 4-POINT DOOR HANDLE ASSEMBLY AT LEFT SWING DOOR                                                             |
| B. | (5) INTERLOCK USA 2-POINT HANDLE AT RIGHT SWING DOOR AND TWO AT EACH LOCKING STILE                                            |
| C. | (12) SHOOT BOLT GUIDES REINFORCED AT TOP AND BOTTOM PANEL STILES AT EACH LOCKING POINT                                        |
| D. | (3) DOUBLE SHOOT BOLT CUPS AT SILL AT EACH SHOOT BOLT                                                                         |
| E. | (1) STRIKE PLATE AT RIGHT SWING DOOR ADJACENT TO DOOR HANDLE ASSEMBLY                                                         |
| F. | (2) HINGE WITH HANDLE AT CENTER OF EACH SHOOT BOLT FOLDING PANEL JOINT                                                        |
| G. | (4) OFFSET HINGE, 6" FROM TOP AND BOTTOM OF EACH SHOOT BOLT FOLDING PANEL JOINT AND CENTER OF EACH ROLLER FOLDING PANEL JOINT |
| H. | (2) FLAT HINGE AT CENTER OF EACH ROLLER FOLDING PANEL JOINT                                                                   |
| I. | (4) PIVOT HINGE AT TOP AND BOTTOM OF EACH PANEL AT JAMB                                                                       |
| J. | (2) INTERMEDIATE CARRIER WITH HINGE AT TOP OF EACH ROLLER PANEL JOINT                                                         |
| K. | (2) CONCEALED INTERMEDIATE GUIDE AT BOTTOM OF EACH ROLLER PANEL JOINT                                                         |
| L. | END CARRIERS ON 2L 4R SYSTEM                                                                                                  |



LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
ELEVATION

DRAWN:  
A.R.

DWG NO.  
08-03612

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SHEET  
2 OF 11

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Chart #1  
Maximum Design pressure (psf)

| Panel Height (in) | Single Panel Width (in) |       |      |       |      |       |      |       |      |      |      |      |      |      |
|-------------------|-------------------------|-------|------|-------|------|-------|------|-------|------|------|------|------|------|------|
|                   | 24.0                    |       | 27.0 |       | 30.0 |       | 33.0 |       | 36.0 |      | 39.0 |      | 42.0 |      |
|                   | Pos                     | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg   | Pos  | Neg  | Pos  | Neg  | Pos  | Neg  |
| 80.0              | 55.0                    | 120.0 | 55.0 | 120.0 | 55.0 | 115.2 | 55.0 | 104.7 | 55.0 | 96.0 | 55.0 | 88.6 | 55.0 | 82.3 |
| 84.0              | 55.0                    | 120.0 | 55.0 | 118.0 | 55.0 | 108.5 | 55.0 | 99.7  | 55.0 | 91.4 | 55.0 | 84.4 | -    | -    |
| 90.0              | 55.0                    | 120.0 | 55.0 | 108.8 | 55.0 | 99.8  | 55.0 | 92.6  | 55.0 | 85.3 | -    | -    | -    | -    |
| 96.0              | 55.0                    | 111.4 | 55.0 | 100.8 | 55.0 | 92.4  | 55.0 | 85.6  | 55.0 | 80.0 | -    | -    | -    | -    |
| 102.0             | 55.0                    | 96.6  | 55.0 | 86.4  | 55.0 | 78.3  | 55.0 | 71.7  | -    | -    | -    | -    | -    | -    |
| 108.0             | 55.0                    | 81.2  | 55.0 | 72.6  | 55.0 | 65.7  | -    | -     | -    | -    | -    | -    | -    | -    |
| 114.0             | 55.0                    | 68.9  | 55.0 | 61.5  | 55.0 | 55.7  | -    | -     | -    | -    | -    | -    | -    | -    |
| 120.0             | 55.0                    | 59.0  | 55.0 | 52.6  | -    | -     | -    | -     | -    | -    | -    | -    | -    | -    |
| 126.0             | 55.0                    | 50.9  | 55.0 | 45.4  | -    | -     | -    | -     | -    | -    | -    | -    | -    | -    |
| 132.0             | 55.0                    | 44.2  | -    | -     | -    | -     | -    | -     | -    | -    | -    | -    | -    | -    |
| 138.0             | 48.3                    | 38.6  | -    | -     | -    | -     | -    | -     | -    | -    | -    | -    | -    | -    |
| 144.0             | 42.4                    | 34.0  | -    | -     | -    | -     | -    | -     | -    | -    | -    | -    | -    | -    |

Where water penetration resistance is required

Chart #2  
Maximum Design pressure (psf)

| Panel Height (in) | Single Panel Width (in) |       |       |       |       |       |       |       |       |      |       |      |       |      |
|-------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|
|                   | 24.0                    |       | 27.0  |       | 30.0  |       | 33.0  |       | 36.0  |      | 39.0  |      | 42.0  |      |
|                   | Pos                     | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg   | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  |
| 80.0              | 150.0                   | 120.0 | 150.0 | 120.0 | 144.0 | 115.2 | 130.9 | 104.7 | 120.0 | 96.0 | 110.8 | 88.6 | 102.9 | 82.3 |
| 84.0              | 150.0                   | 120.0 | 147.5 | 118.0 | 135.7 | 108.5 | 124.7 | 99.7  | 114.3 | 91.4 | 105.5 | 84.4 | -     | -    |
| 90.0              | 150.0                   | 120.0 | 135.9 | 108.8 | 124.8 | 99.8  | 115.8 | 92.6  | 106.7 | 85.3 | -     | -    | -     | -    |
| 96.0              | 139.3                   | 111.4 | 126.1 | 100.8 | 115.6 | 92.4  | 107.0 | 85.6  | 100.0 | 80.0 | -     | -    | -     | -    |
| 102.0             | 120.8                   | 96.6  | 108.0 | 86.4  | 97.9  | 78.3  | 89.6  | 71.7  | -     | -    | -     | -    | -     | -    |
| 108.0             | 101.5                   | 81.2  | 90.7  | 72.6  | 82.1  | 65.7  | -     | -     | -     | -    | -     | -    | -     | -    |
| 114.0             | 86.1                    | 68.9  | 76.9  | 61.5  | 69.6  | 55.7  | -     | -     | -     | -    | -     | -    | -     | -    |
| 120.0             | 73.7                    | 59.0  | 65.8  | 52.6  | -     | -     | -     | -     | -     | -    | -     | -    | -     | -    |
| 126.0             | 63.6                    | 50.9  | 56.7  | 45.4  | -     | -     | -     | -     | -     | -    | -     | -    | -     | -    |
| 132.0             | 55.2                    | 44.2  | -     | -     | -     | -     | -     | -     | -     | -    | -     | -    | -     | -    |
| 138.0             | 48.3                    | 38.6  | -     | -     | -     | -     | -     | -     | -     | -    | -     | -    | -     | -    |
| 144.0             | 42.4                    | 34.0  | -     | -     | -     | -     | -     | -     | -     | -    | -     | -    | -     | -    |

Where water penetration resistance is not required

Chart #3  
Maximum Design pressure (psf)

| Panel Height (in) | Single Panel Width (in) |       |       |       |       |       |      |      |      |      |      |      |      |      |
|-------------------|-------------------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
|                   | 24.0                    |       | 27.0  |       | 30.0  |       | 33.0 |      | 36.0 |      | 39.0 |      | 42.0 |      |
|                   | Pos                     | Neg   | Pos   | Neg   | Pos   | Neg   | Pos  | Neg  | Pos  | Neg  | Pos  | Neg  | Pos  | Neg  |
| 80.0              | 105.0                   | 105.0 | 105.0 | 105.0 | 100.8 | 100.8 | 91.6 | 91.6 | 84.0 | 84.0 | 77.5 | 77.5 | 72.0 | 72.0 |
| 84.0              | 105.0                   | 105.0 | 103.3 | 103.3 | 95.0  | 95.0  | 87.3 | 87.3 | 80.0 | 80.0 | 73.8 | 73.8 | -    | -    |
| 90.0              | 105.0                   | 105.0 | 95.2  | 95.2  | 87.4  | 87.4  | 81.0 | 81.0 | 74.7 | 74.7 | -    | -    | -    | -    |
| 96.0              | 97.5                    | 97.5  | 88.2  | 88.2  | 80.9  | 80.9  | 74.9 | 74.9 | 70.0 | 70.0 | -    | -    | -    | -    |
| 102.0             | 84.5                    | 84.5  | 75.6  | 75.6  | 68.5  | 68.5  | 62.7 | 62.7 | -    | -    | -    | -    | -    | -    |
| 108.0             | 71.1                    | 71.1  | 63.5  | 63.5  | 57.5  | 57.5  | -    | -    | -    | -    | -    | -    | -    | -    |
| 114.0             | 60.3                    | 60.3  | 53.8  | 53.8  | 48.7  | 48.7  | -    | -    | -    | -    | -    | -    | -    | -    |
| 120.0             | 51.6                    | 51.6  | 46.1  | 46.1  | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    |
| 126.0             | 44.5                    | 44.5  | 39.7  | 39.7  | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    |
| 132.0             | 38.7                    | 38.7  | -     | -     | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    |
| 138.0             | 33.8                    | 33.8  | -     | -     | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    |
| 144.0             | 29.7                    | 29.7  | -     | -     | -     | -     | -    | -    | -    | -    | -    | -    | -    | -    |

Where water penetration resistance is not required



LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
DESIGN PRESSURE CHARTS

DRAWN:  
A.R.

DWG NO.  
08-03612

REV  
-

SCALE  
NTS

DATE  
09/18/2020

SHEET  
3 OF 11

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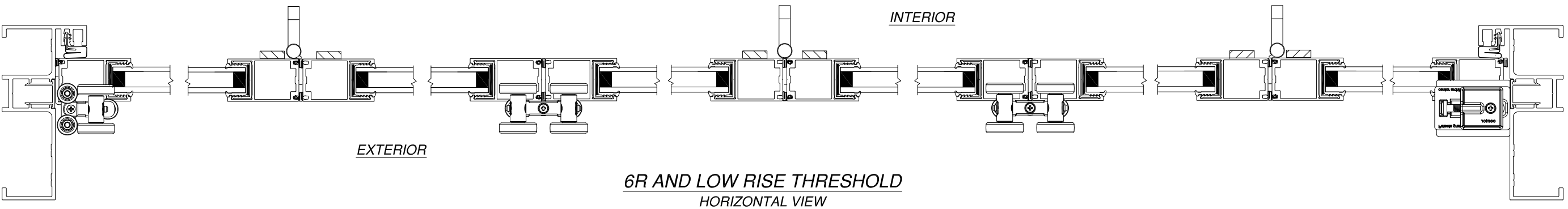
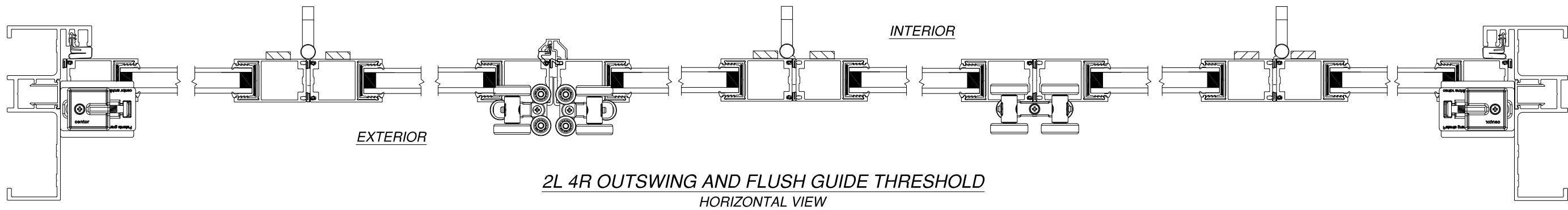
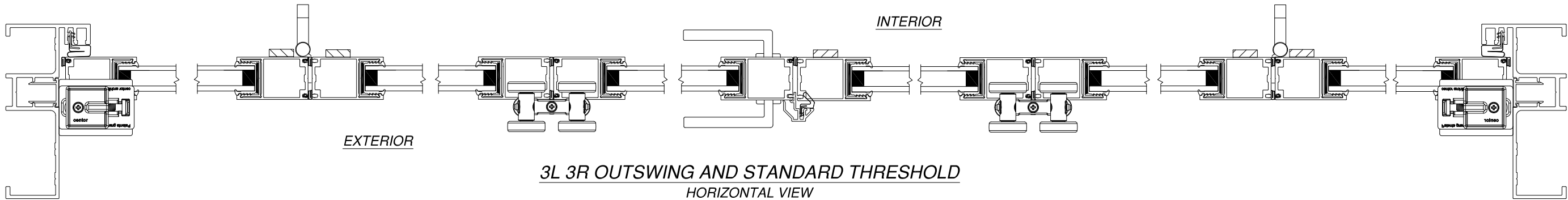
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HORIZONTAL CROSS SECTIONS ARE SHOWN FOR REFERENCE ONLY.  
UNLIMITED NUMBER OF PANELS ARE APPROVED, SEE NOTE UNDER  
ELEVATION IN SHEET 2.

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LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
APPROVED CONFIGURATIONS

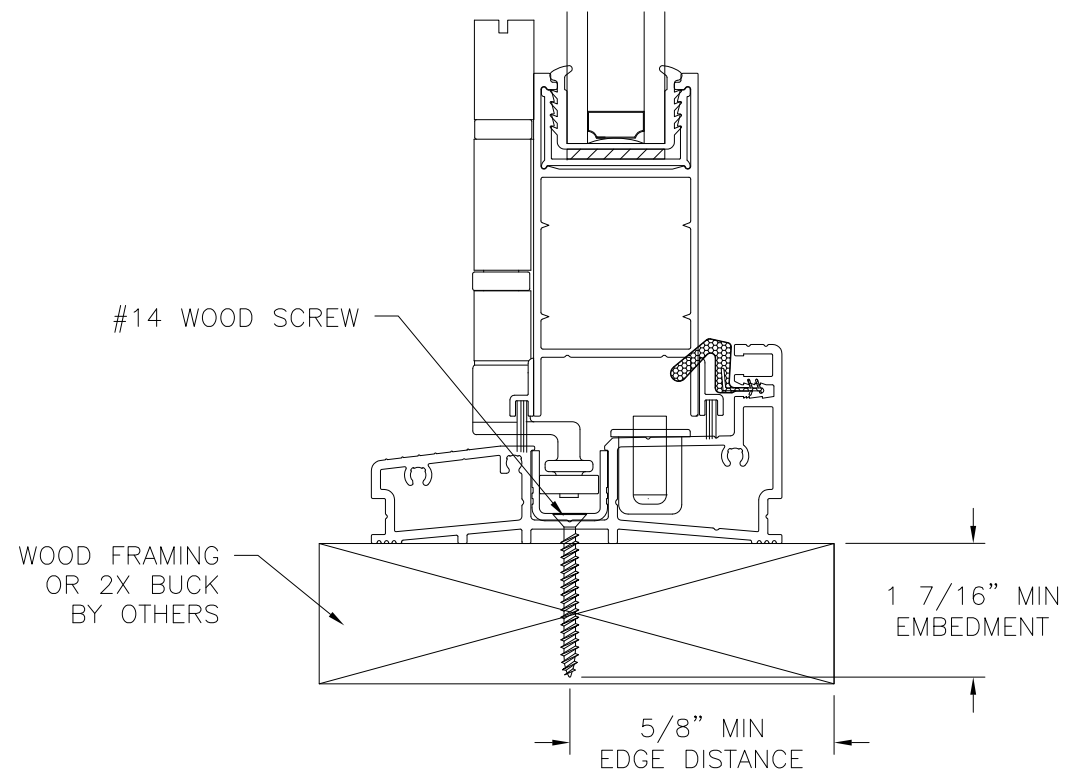
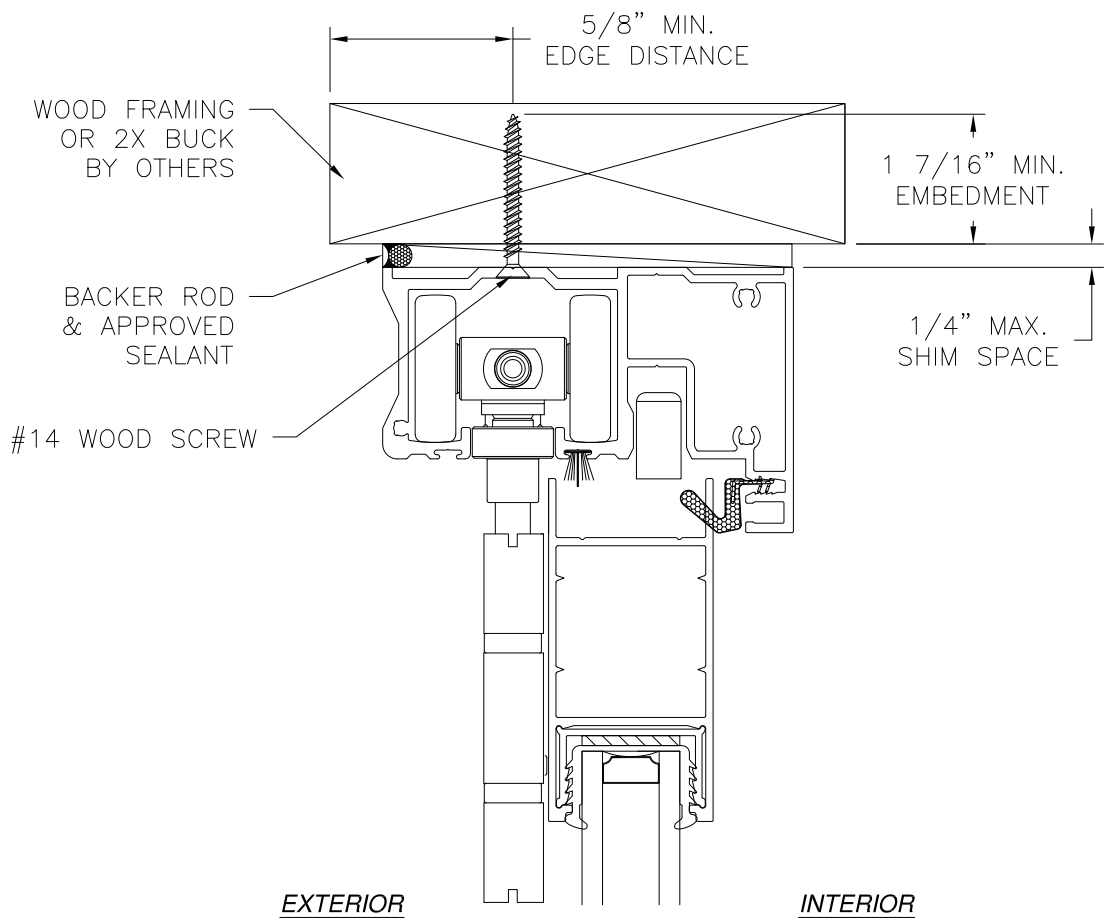
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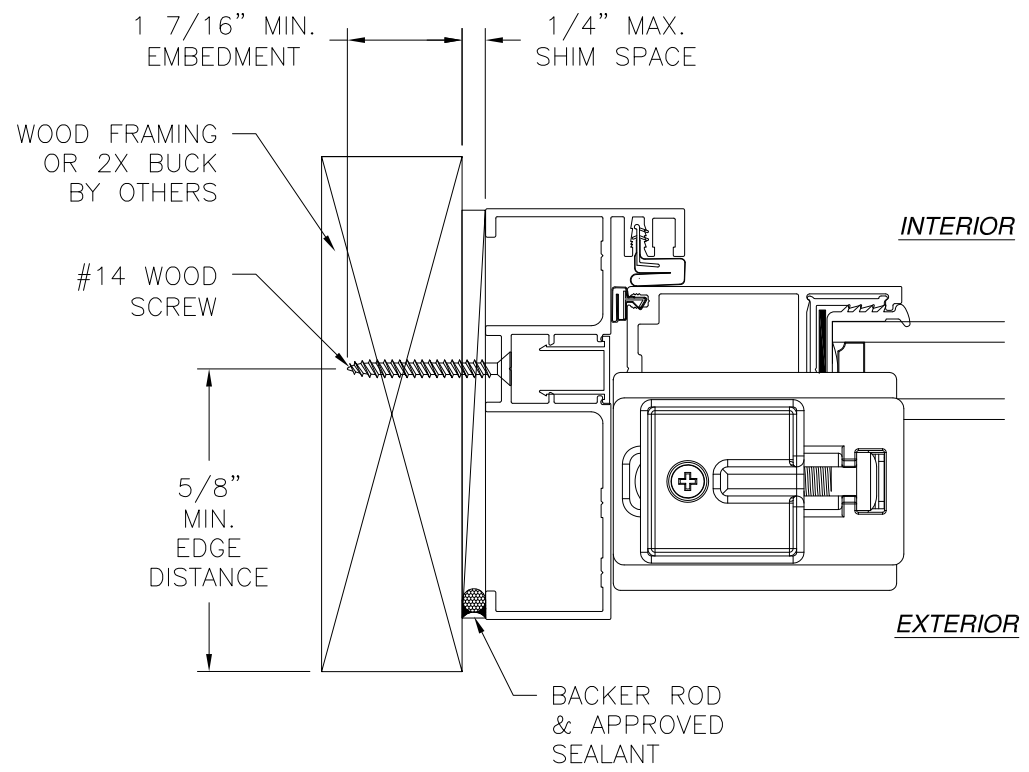


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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION  
STANDARD THRESHOLD SHOWN  
SEE SHEETS 8 AND 9 FOR OTHER THRESHOLDS INSTALLATIONS



**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK 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



LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
INSTALLATION DETAILS

DRAWN:  
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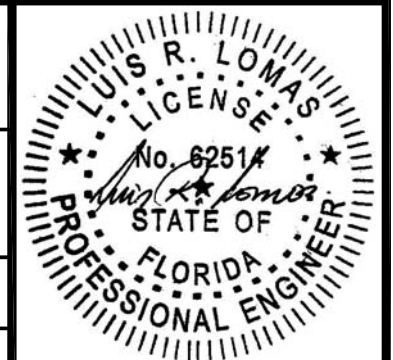
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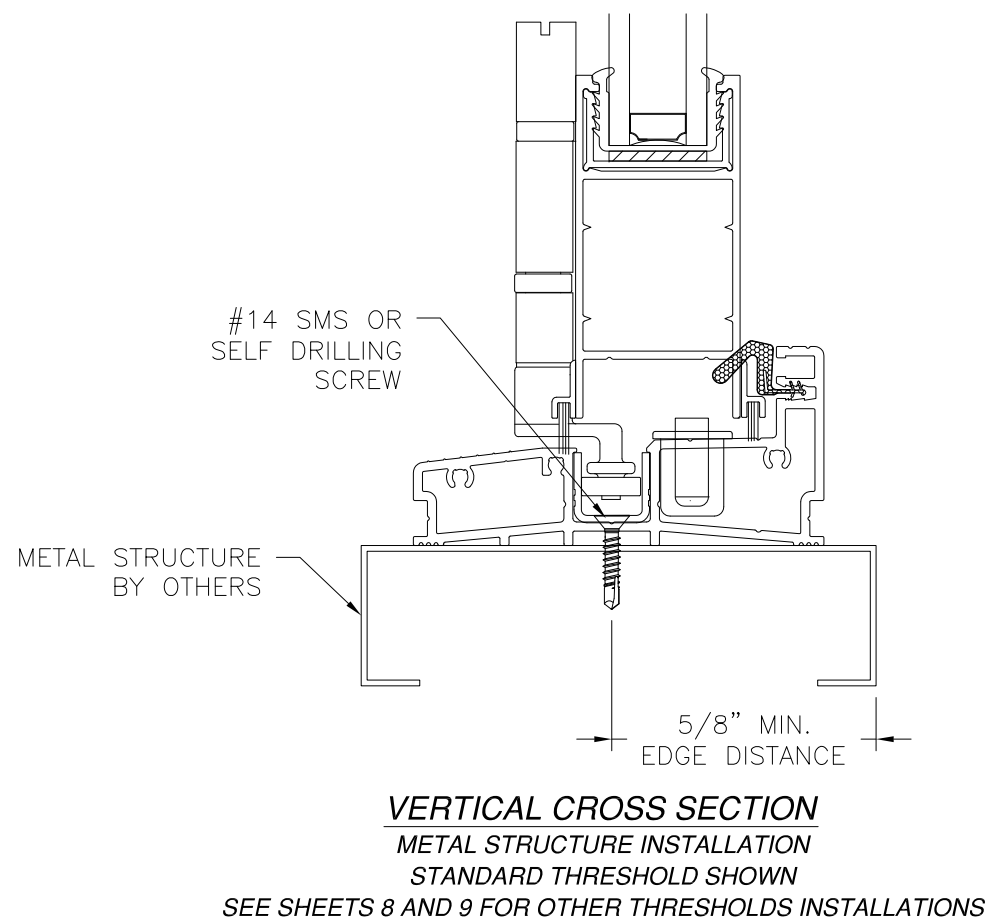
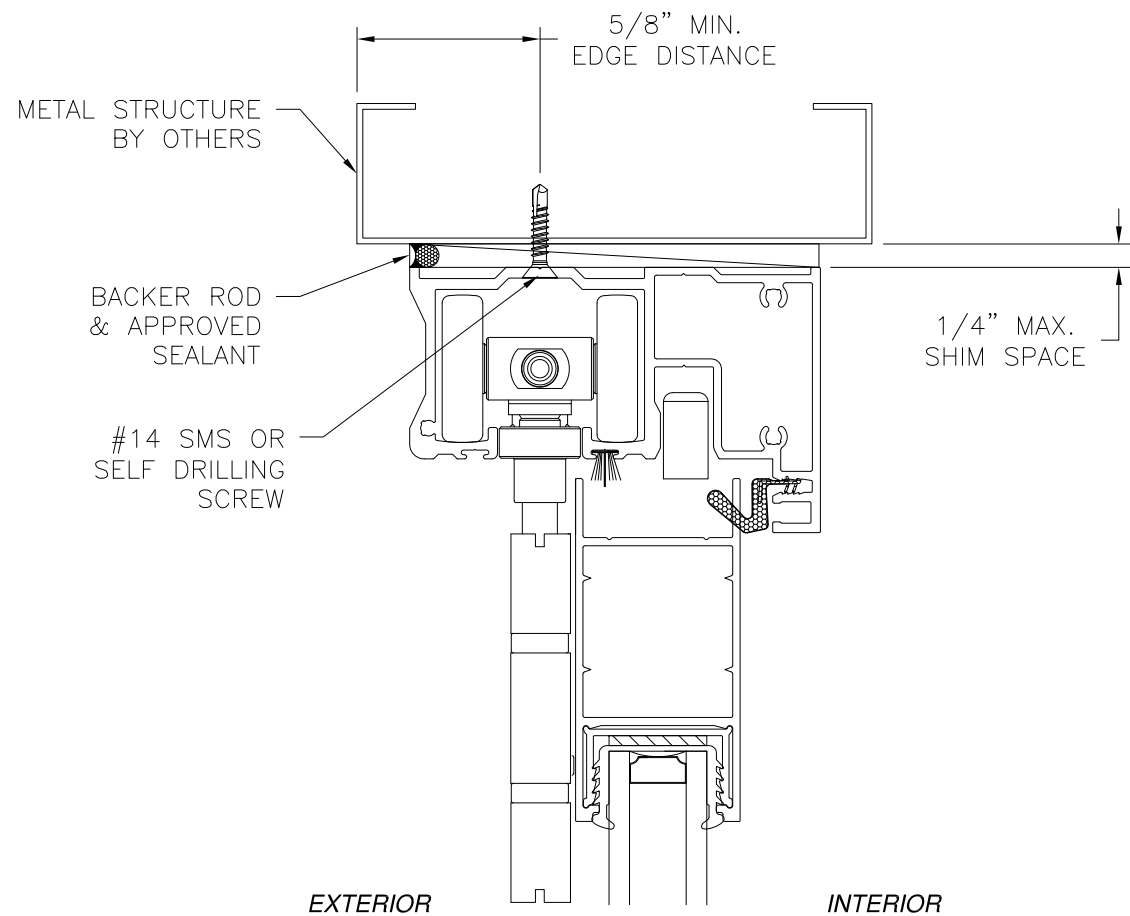
SHEET 5 OF 11

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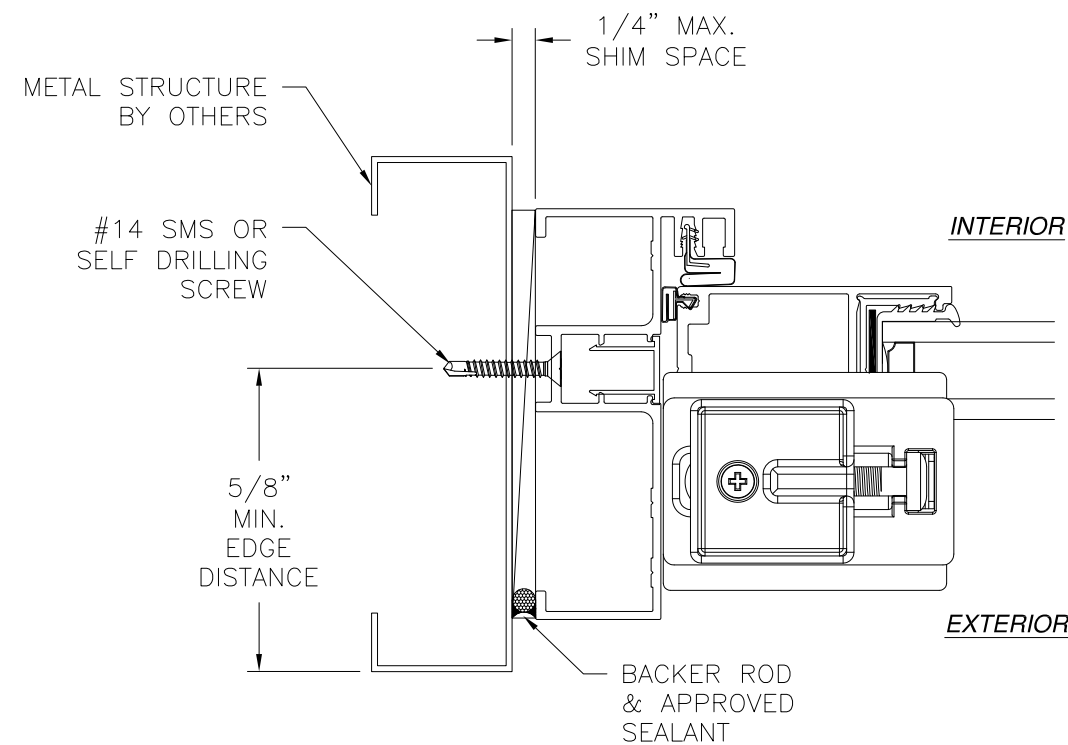
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**JAMB INSTALLATION DETAIL**  
**METAL STRUCTURE INSTALLATION**

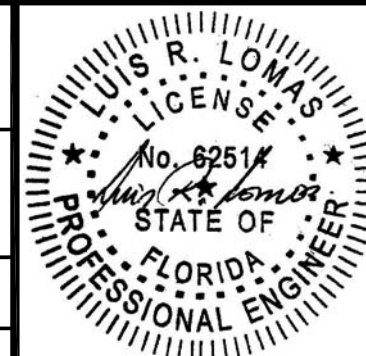
**NOTES:**

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

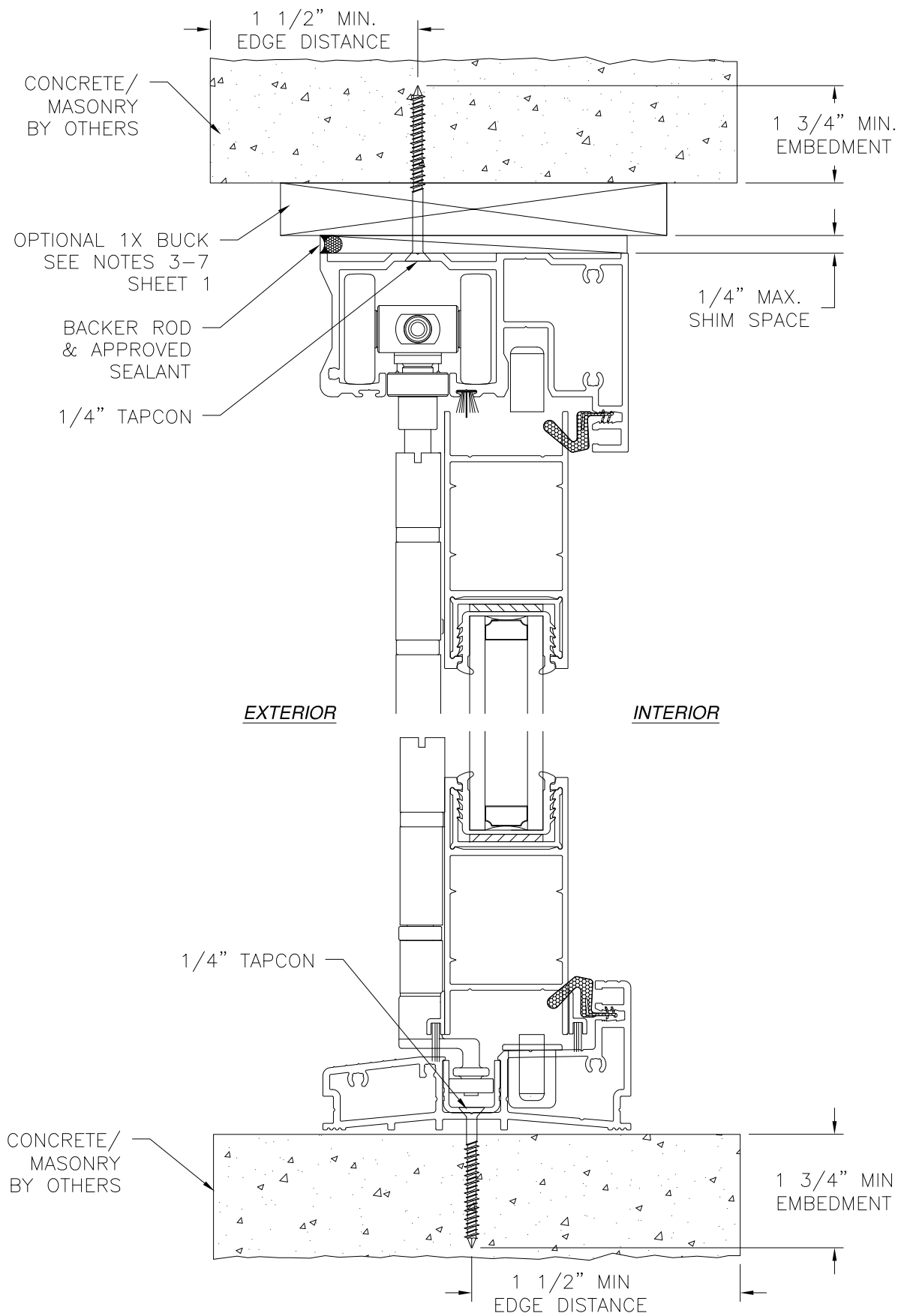
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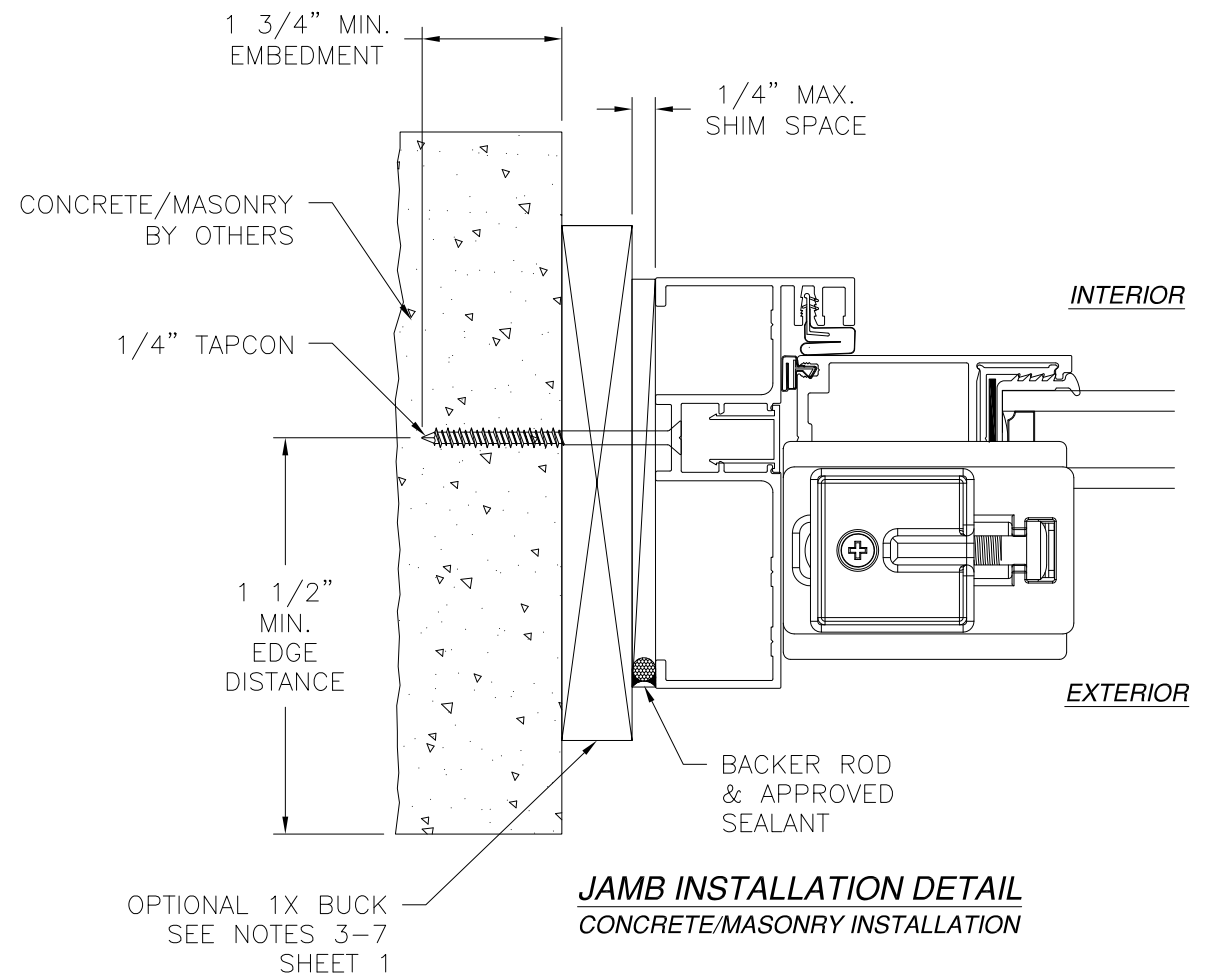
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| <b>LANAI DOORS</b><br>941 NORTH ELM STREET, SUITE C<br>ORANGE, CA 92867                              |                     |                  |
| SERIES E3 HURRICANE OUTSWING<br>ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ<br>INSTALLATION DETAILS       |                     |                  |
| DRAWN:<br>A.R.                                                                                       | DWG NO.<br>08-03612 | REV<br>-         |
| SCALE<br>NTS                                                                                         | DATE<br>09/18/2020  | SHEET<br>6 OF 11 |
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**VERTICAL CROSS SECTION**  
**CONCRETE/MASONRY INSTALLATION**  
**STANDARD THRESHOLD SHOWN**  
**SEE SHEETS 8 AND 9 FOR OTHER THRESHOLDS INSTALLATIONS**



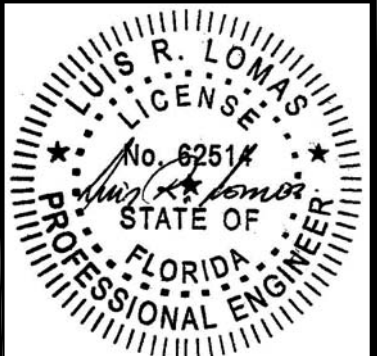
**NOTES:**

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



|                                                                                                                     |                     |                  |
|---------------------------------------------------------------------------------------------------------------------|---------------------|------------------|
| <b>LANAI DOORS</b><br>941 NORTH ELM STREET, SUITE C<br>ORANGE, CA 92867                                             |                     |                  |
| <b>SERIES E3 HURRICANE OUTSWING</b><br><b>ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ</b><br><b>INSTALLATION DETAILS</b> |                     |                  |
| DRAWN:<br>A.R.                                                                                                      | DWG NO.<br>08-03612 | REV<br>-         |
| SCALE<br>NTS                                                                                                        | DATE<br>09/18/2020  | SHEET<br>7 OF 11 |
| <b>L. ROBERTO LOMAS P.E.</b><br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com         |                     |                  |

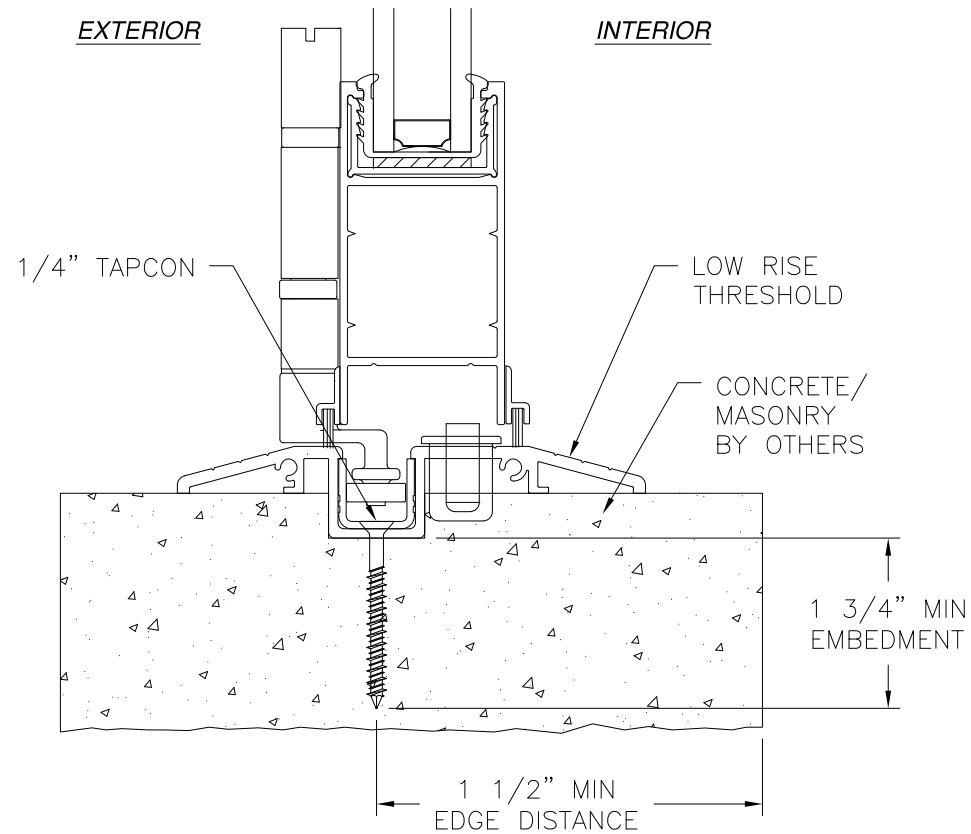
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EXTERIOR

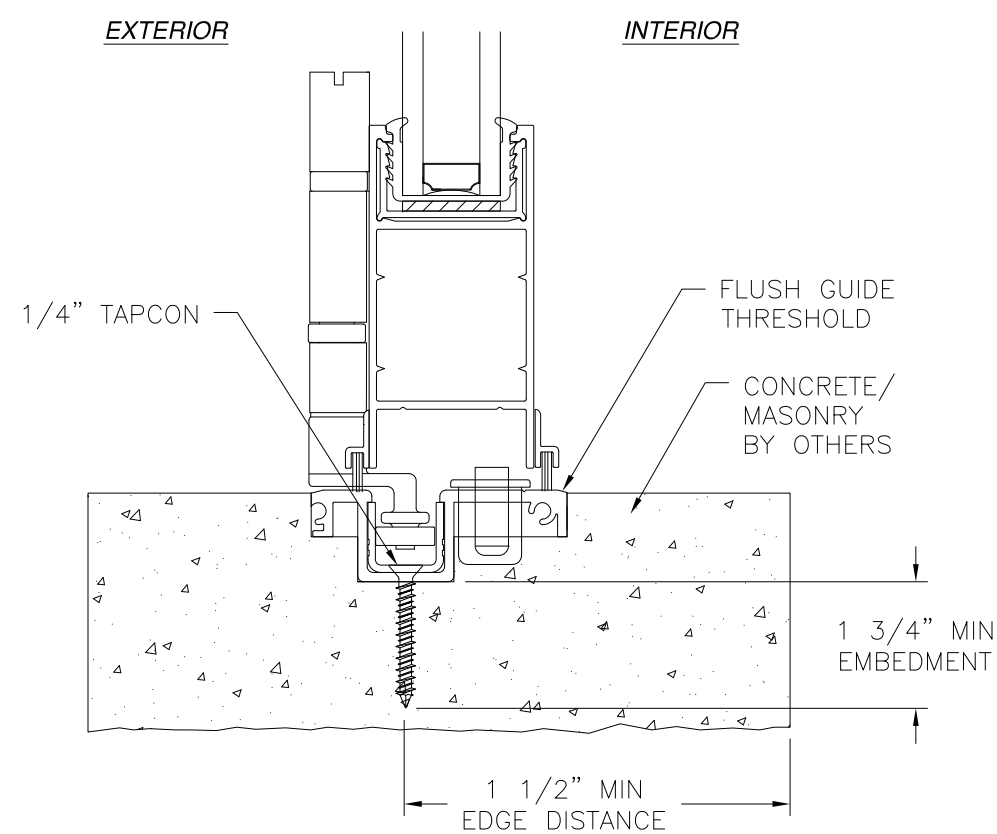
INTERIOR



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION  
LOW RISE THRESHOLD

EXTERIOR

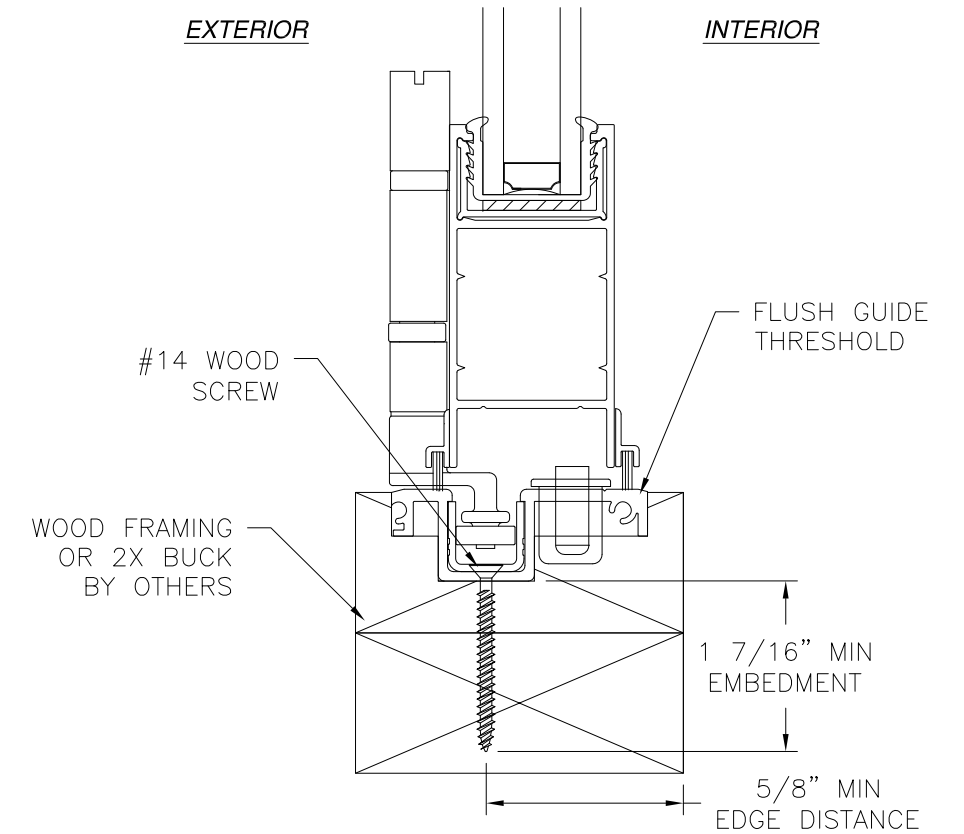
INTERIOR



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION  
FLUSH GUIDE THRESHOLD

EXTERIOR

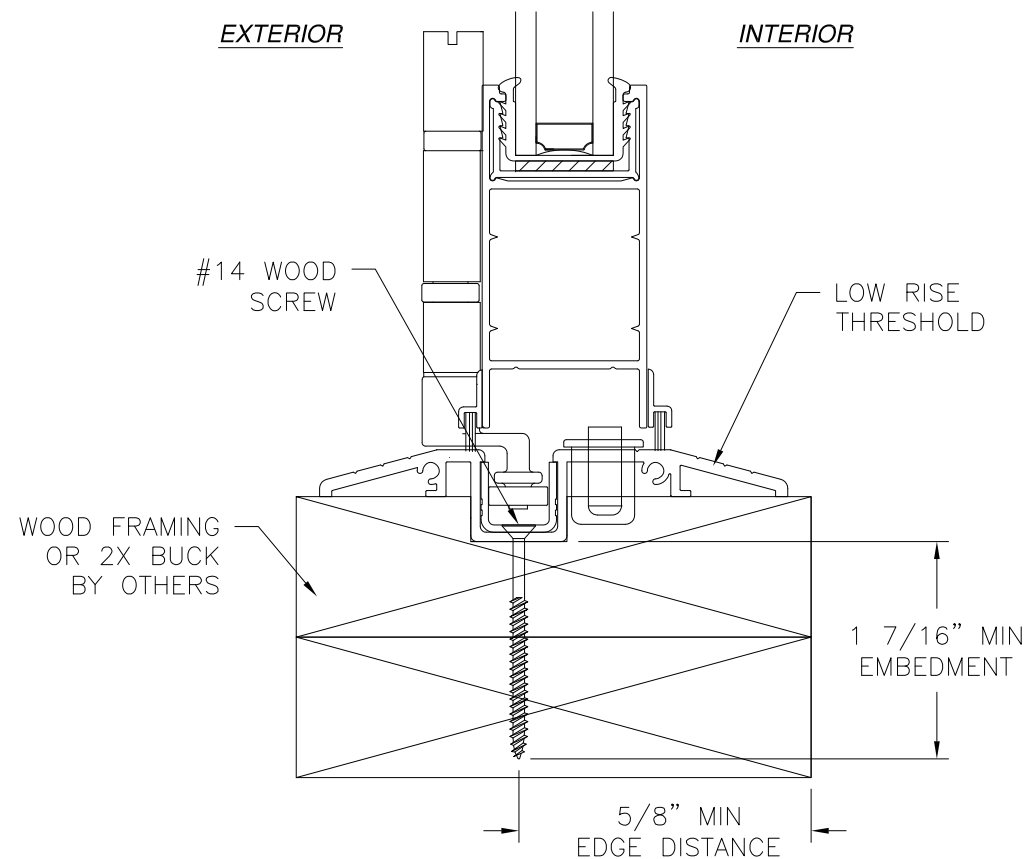
INTERIOR



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION  
FLUSH GUIDE THRESHOLD

EXTERIOR

INTERIOR



**VERTICAL CROSS SECTION**  
WOOD FRAMING INSTALLATION  
LOW RISE THRESHOLD

**NOTES:**

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



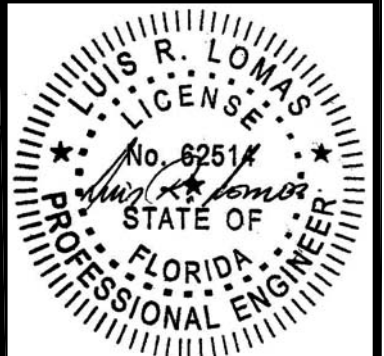
LANAI DOORS

941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
INSTALLATION DETAILS

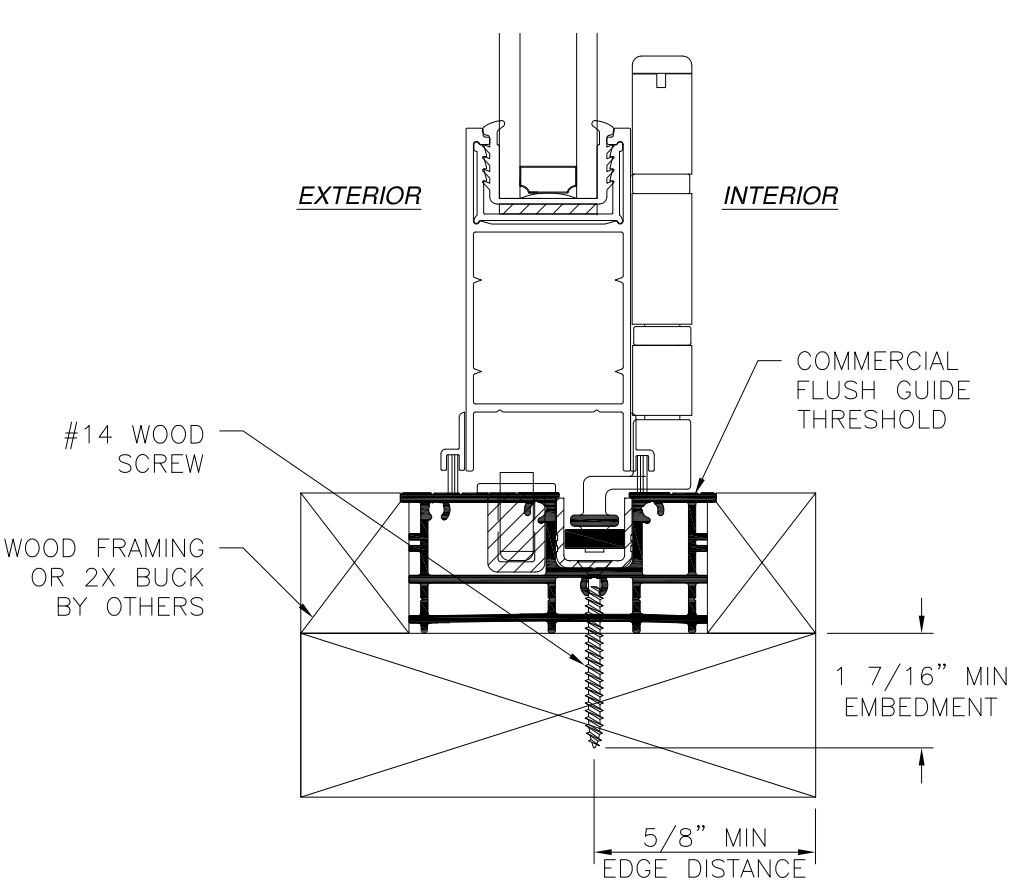
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|------------------------------------------------------------------------------------------------------|---------------------|------------------|
| DRAWN:<br>A.R.                                                                                       | DWG NO.<br>08-03612 | REV<br>-         |
| SCALE<br>NTS                                                                                         | DATE<br>09/18/2020  | SHEET<br>8 OF 11 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |                     |                  |

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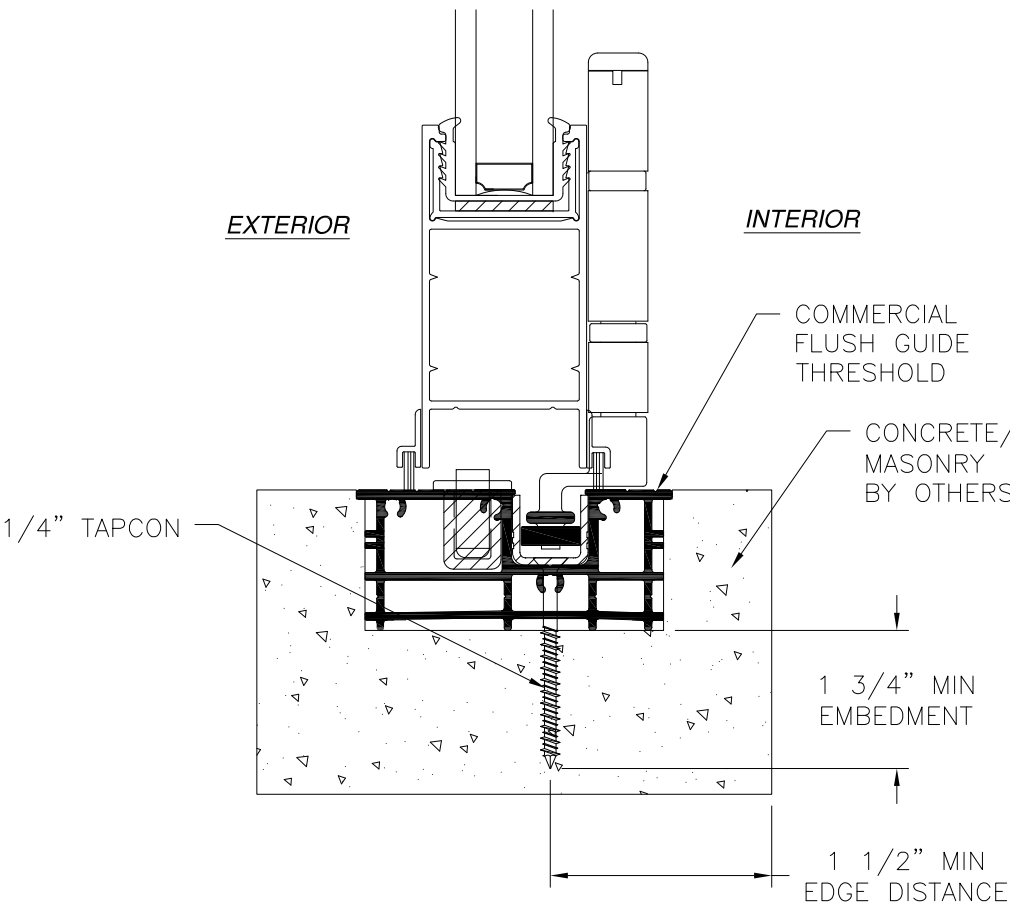


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| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
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**VERTICAL CROSS SECTION**  
WOOD FRAMING INSTALLATION  
COMMERCIAL FLUSH GUIDE THRESHOLD



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION  
COMMERCIAL FLUSH GUIDE THRESHOLD

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

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LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
INSTALLATION DETAILS

DRAWN:  
A.R.

DWG NO.  
08-03612

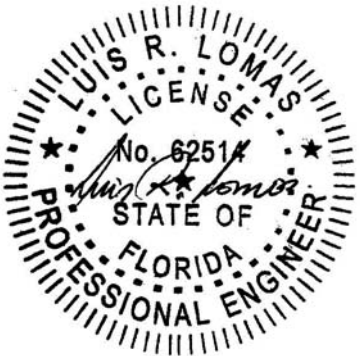
REV  
-

SCALE NTS

DATE 09/18/2020

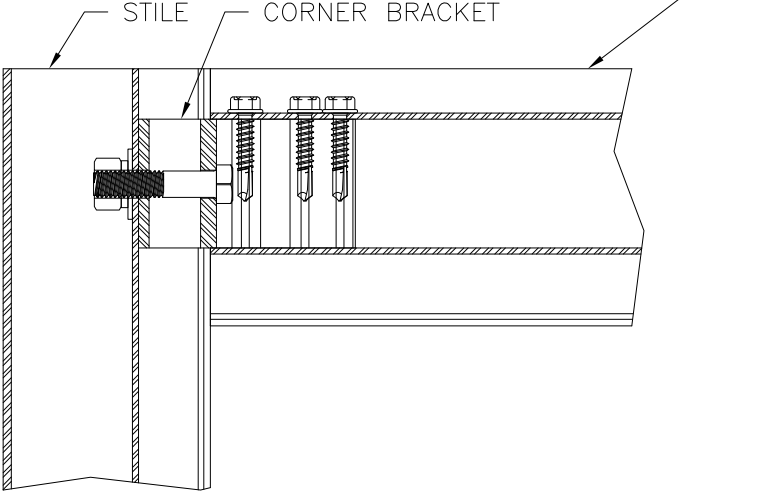
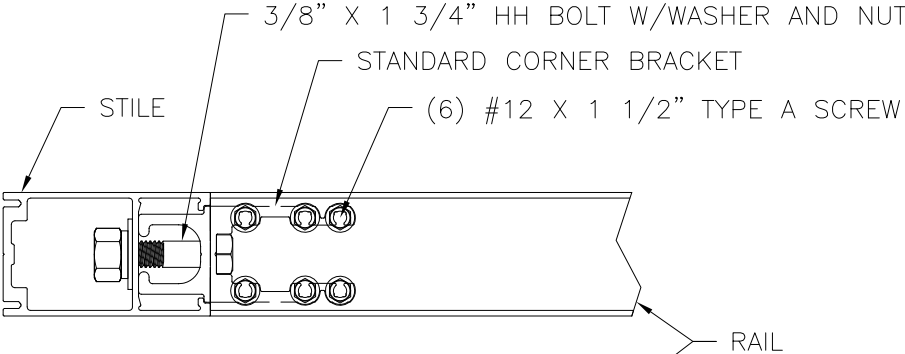
SHEET 9 OF 11

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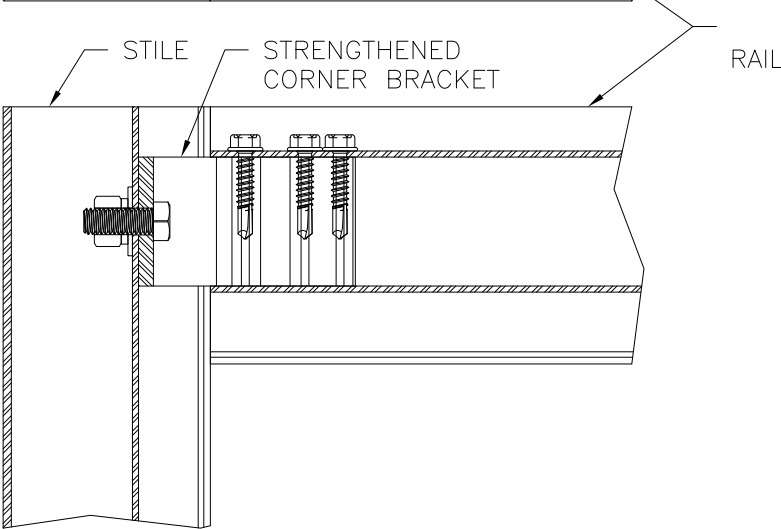
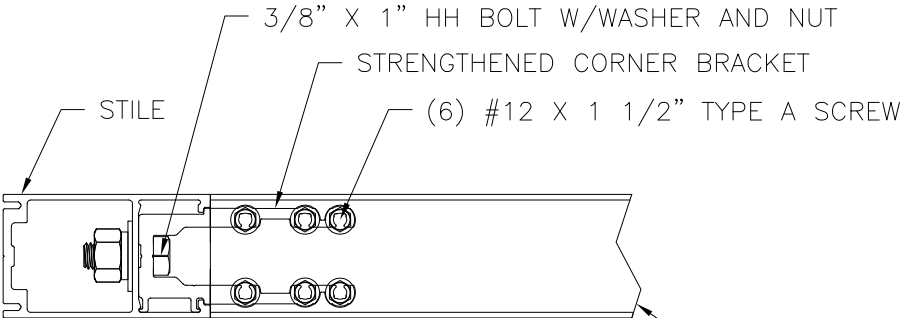


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|-----------|-------------|------|----------|
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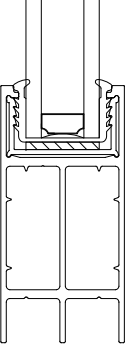
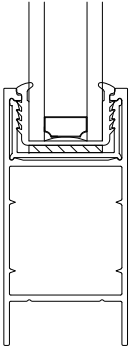
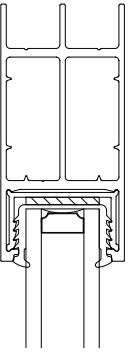
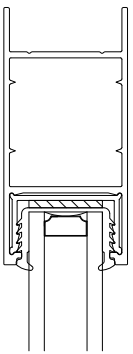


**CORNER CONNECTION**  
W/ STANDARD CORNER BRACKET



**CORNER CONNECTION**  
W/ STRENGTHENED CORNER BRACKET

**APPROVED PANELS**



**STANDARD RAIL**

**STRENGTHENED RAIL**



LANAI DOORS  
941 NORTH ELM STREET, SUITE C  
ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
INSTALLATION DETAILS AND GLAZING DETAILS

|                |                     |                |
|----------------|---------------------|----------------|
| DRAWN:<br>A.R. | DWG NO.<br>08-03612 | REV<br>-       |
| SCALE NTS      | DATE 09/18/2020     | SHEET 10 OF 11 |

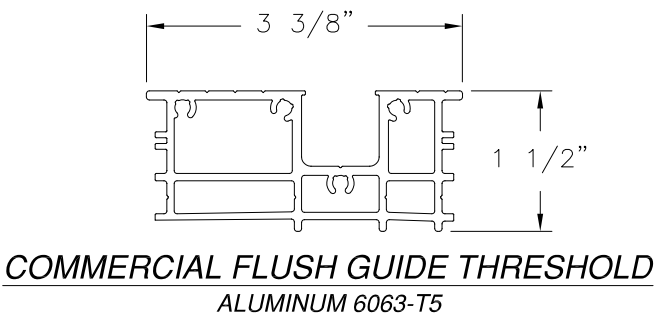
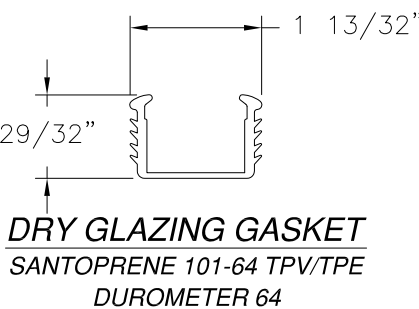
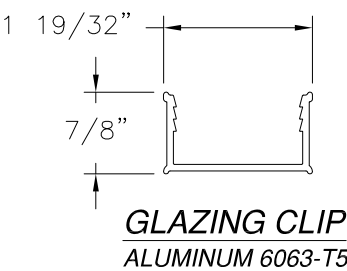
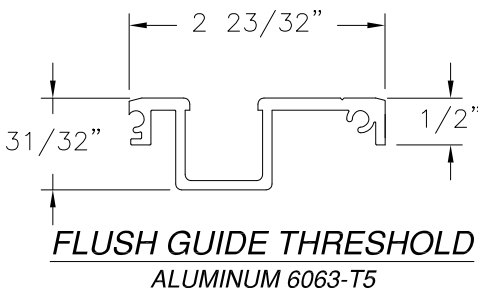
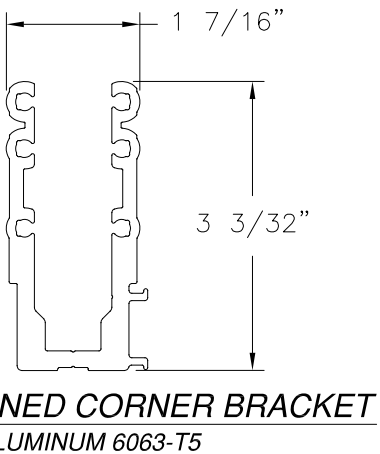
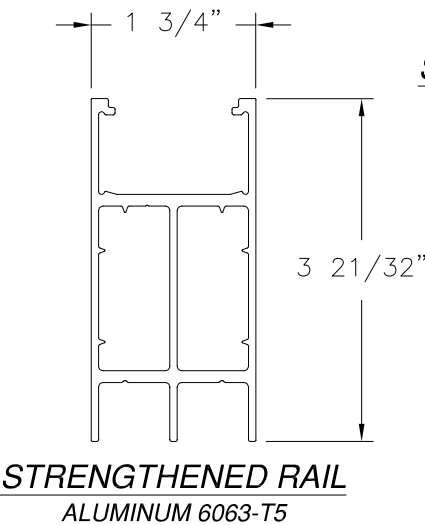
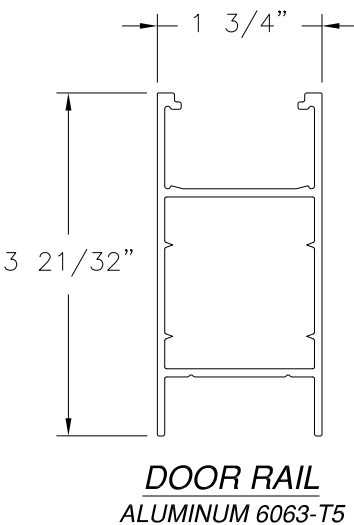
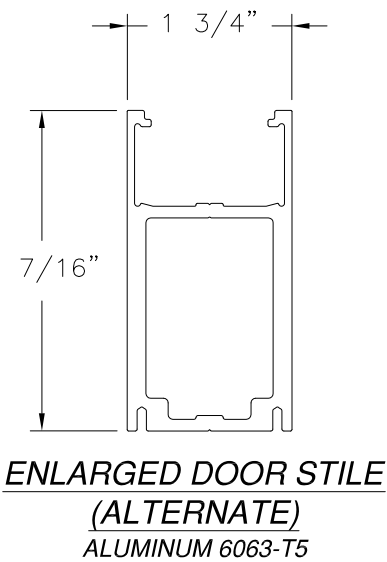
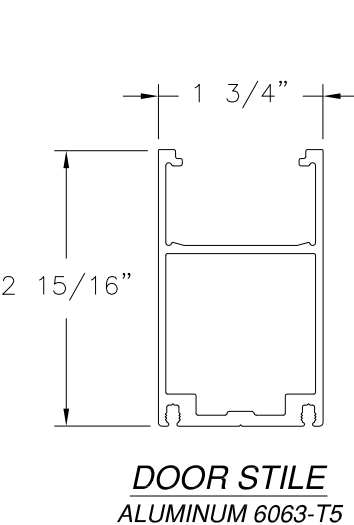
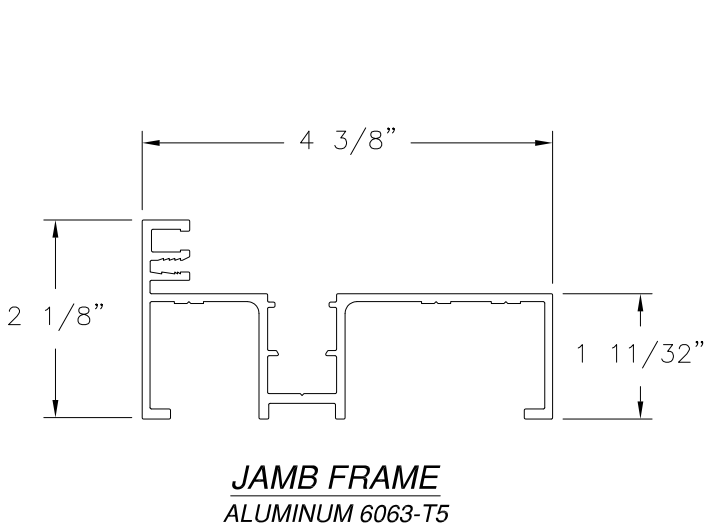
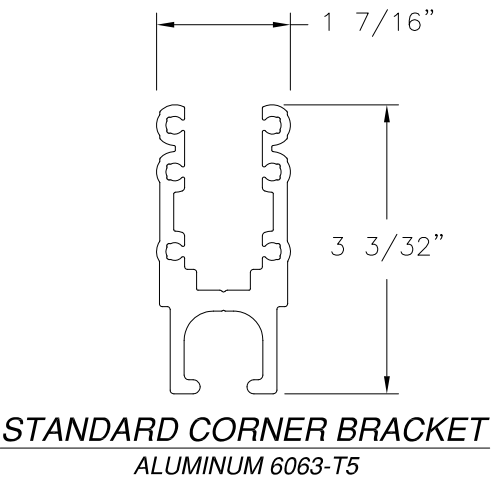
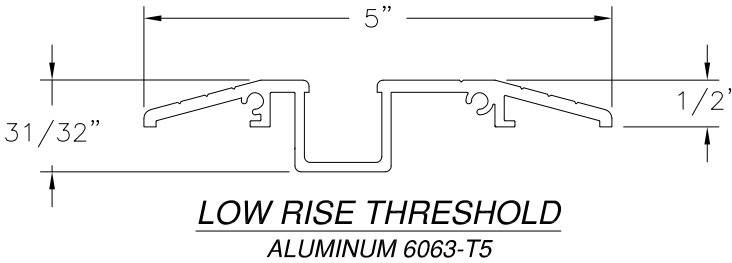
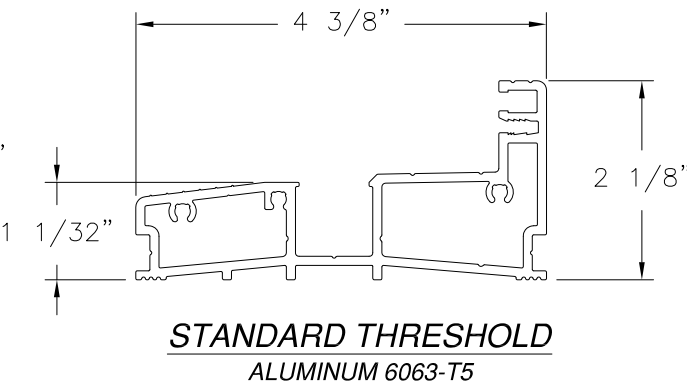
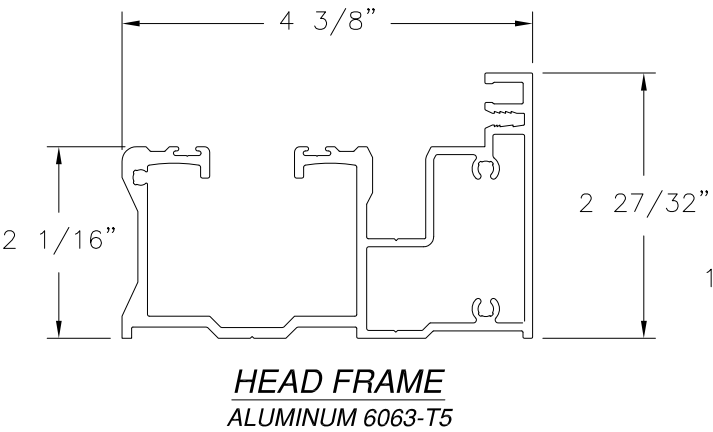
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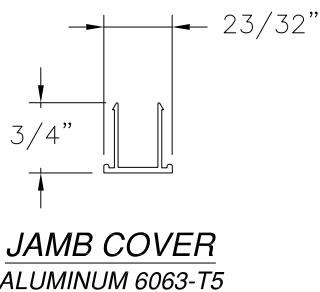
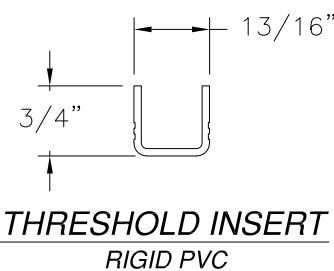
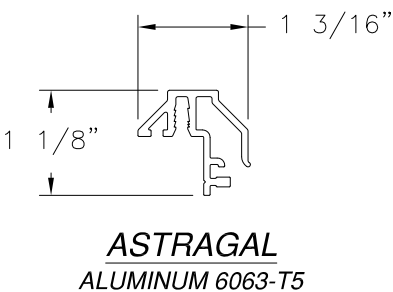


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ORANGE, CA 92867

SERIES E3 HURRICANE OUTSWING  
ALUMINUM BI-FOLD DOOR, NON-IMPACT HVHZ  
COMPONENTS

DRAWN: A.R.

DWG NO. 08-03612

REV -

SCALE NTS

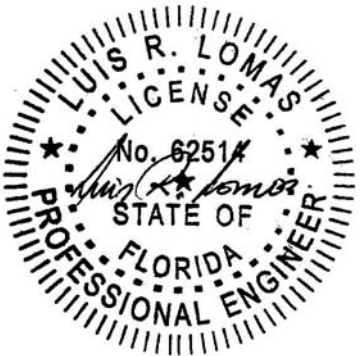
DATE 09/18/2020

SHEET 11 OF 11

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