

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	02/07/2024	R.L.

NOTES:

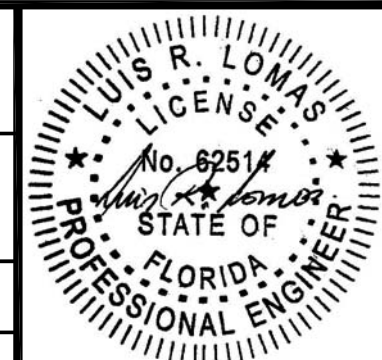
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT 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: THERMALLY BROKEN ALUMINUM 6063-T5.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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:
  - 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
  - 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
  - 17.3. MASONRY: GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
  - 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM
19. APPROVED CONFIGURATIONS: OX, XO.

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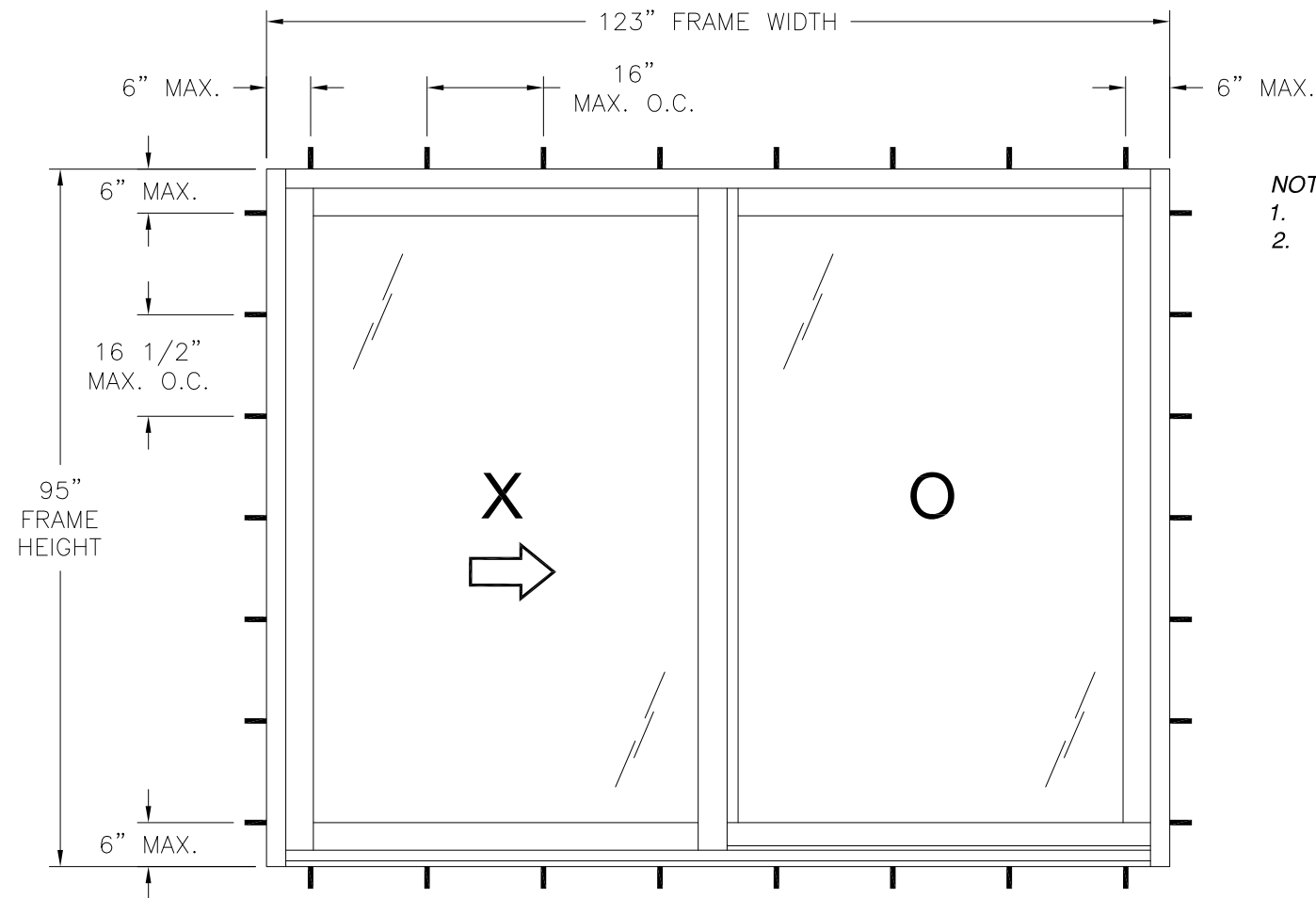
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SHEET NO.	DESCRIPTION
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3 - 5	INSTALLATION DETAILS
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<b>ALL SEASONS COMMERCIAL</b> 1293 NORTH HARVEY MITCHELL PARKWAY BRYAN, TX 77803		
SERIES "8065" THERMALLY BORKEN ALUMINUM SLIDING GLASS DOOR NON-IMPACT NOTES		
DRAWN: A.R.	DWG NO. 08-03754	REV A
SCALE NTS	DATE 08/16/2021	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

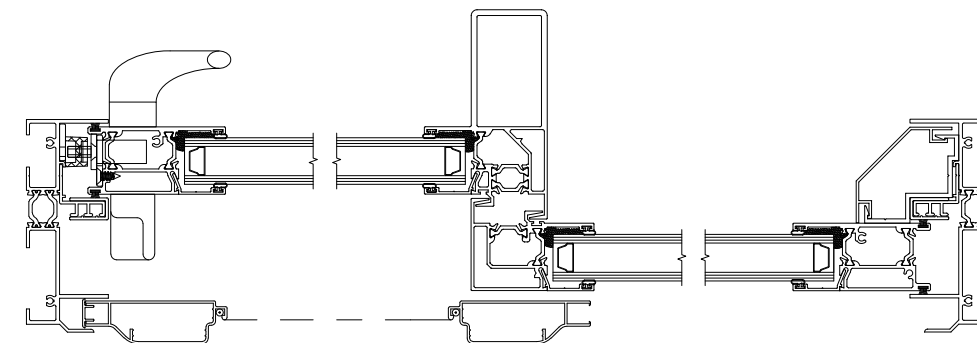


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- NOTES:**
- PANEL SIZE: 61" X 92 11/16"
  - D.L.O.: 55 1/8" X 86 3/4"



HORIZONTAL CROSS SECTION

SERIES "8065" SLIDING GLASS DOOR  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

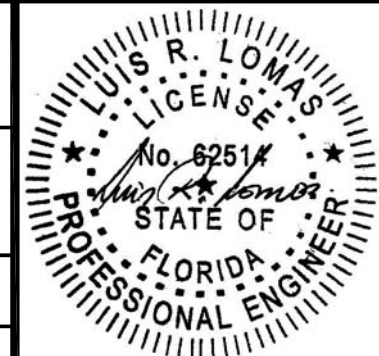
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ALL SEASONS COMMERCIAL

1293 NORTH HARVEY MITCHELL PARKWAY  
BRYAN, TX 77803

SERIES "8065" THERMALLY BORKEN ALUMINUM  
SLIDING GLASS DOOR NON-IMPACT  
ELEVATION & HORIZONTAL CROSS SECTION

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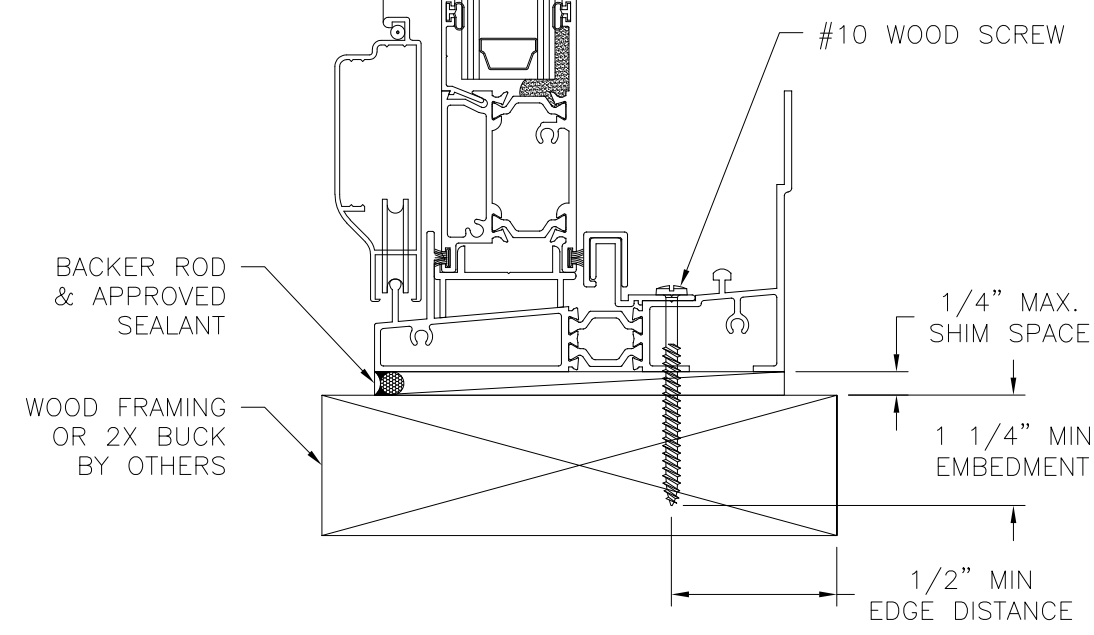
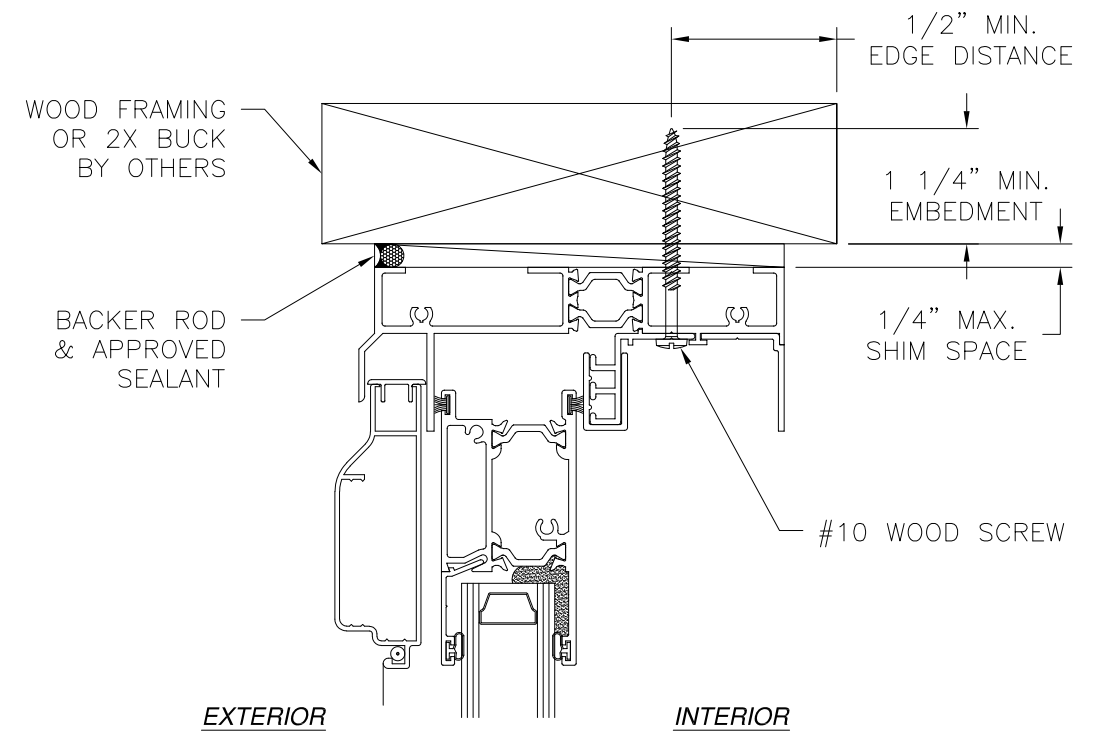


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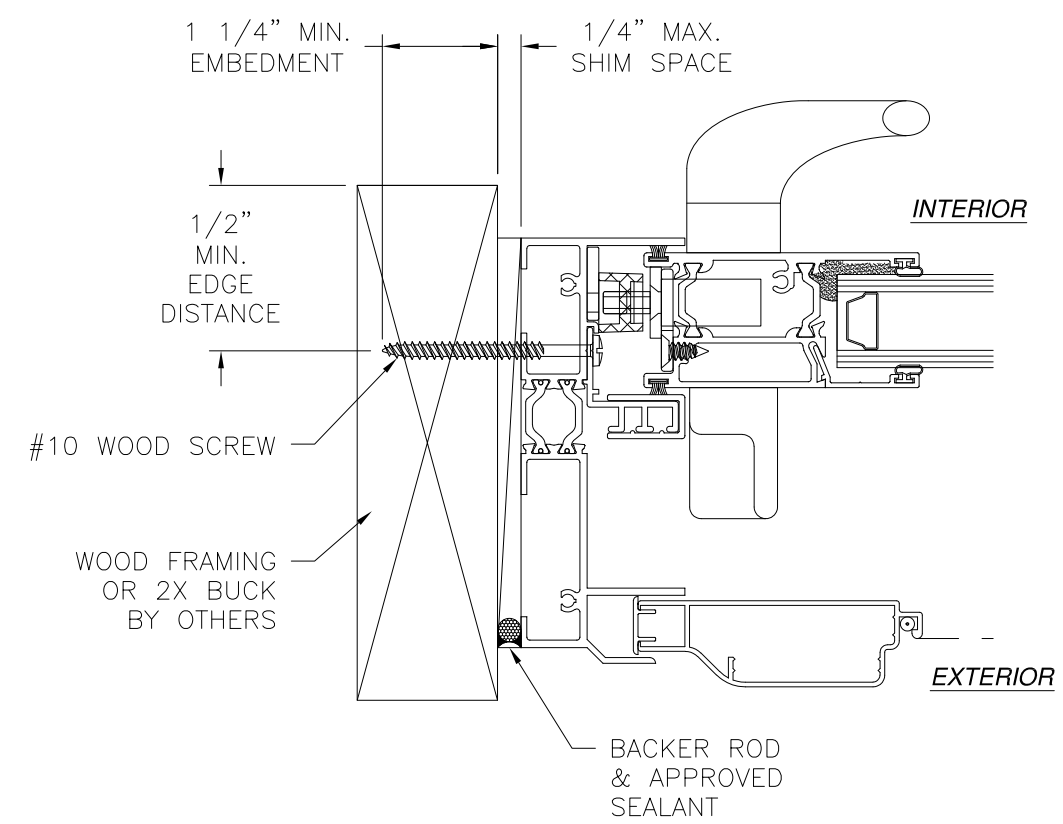
**HARDWARE SCHEDULE**

A. (1) LOCK MORTISE HANDLE SET AND KEEPER AT ACTIVE PANEL

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**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**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

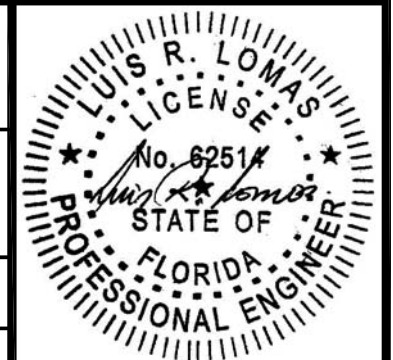
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1293 NORTH HARVEY MITCHELL PARKWAY  
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SERIES "8065" THERMALLY BORKEN ALUMINUM  
SLIDING GLASS DOOR NON-IMPACT  
INSTALLATION DETAILS

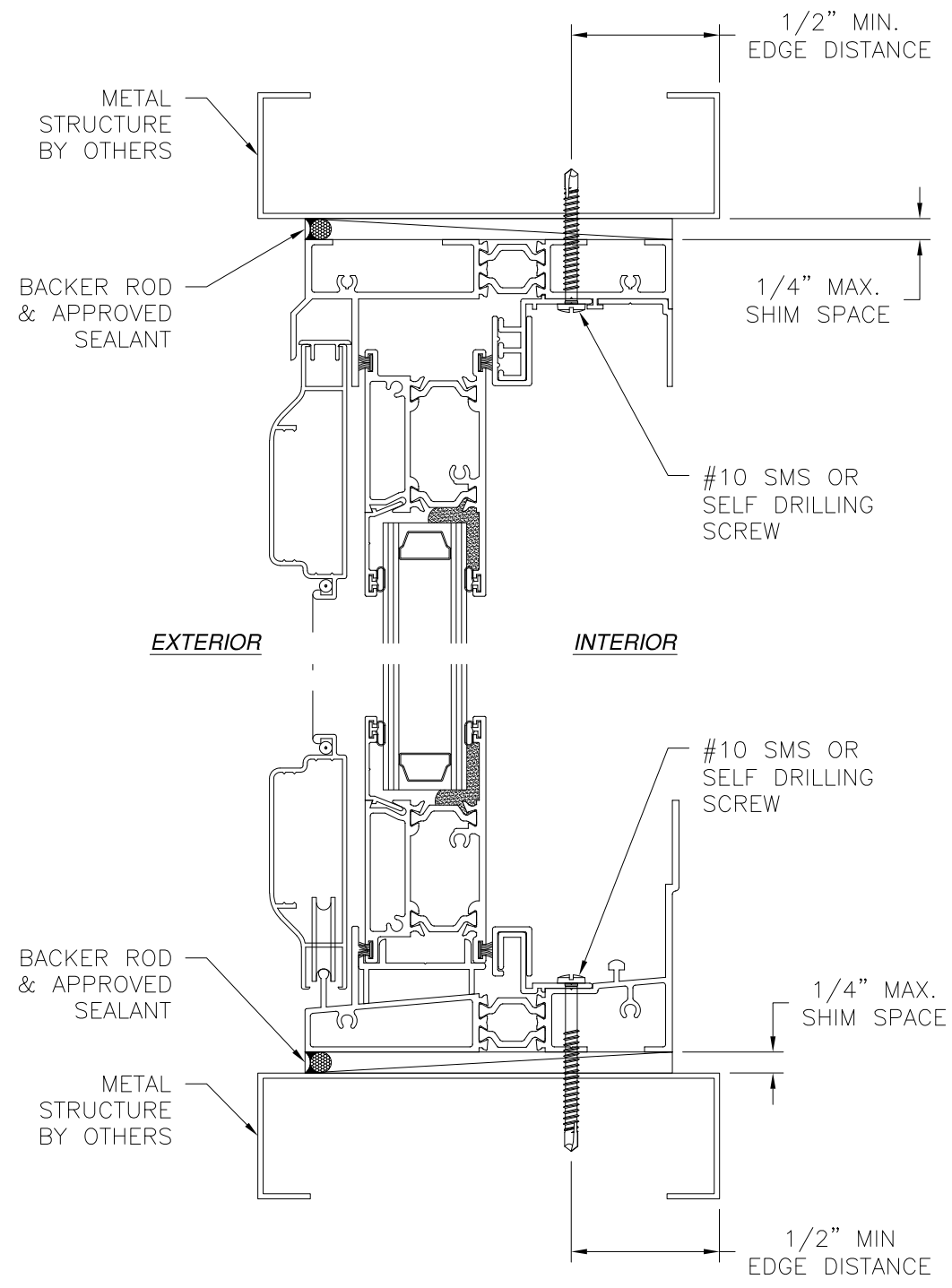
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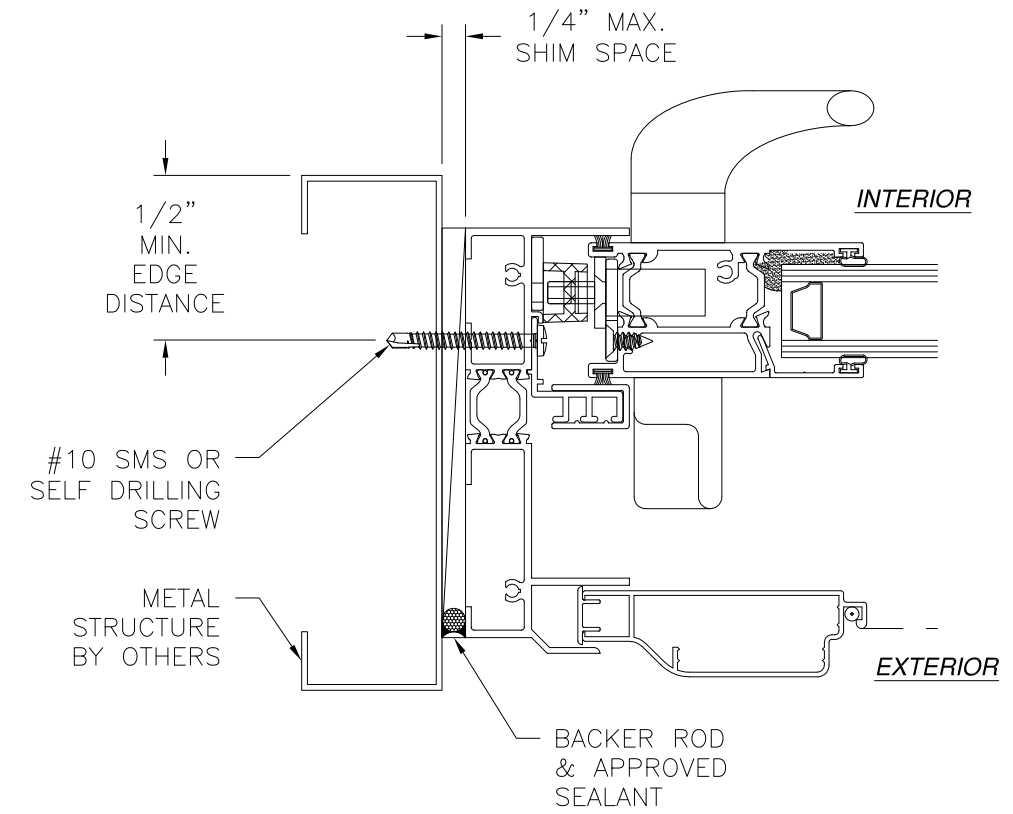


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**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION

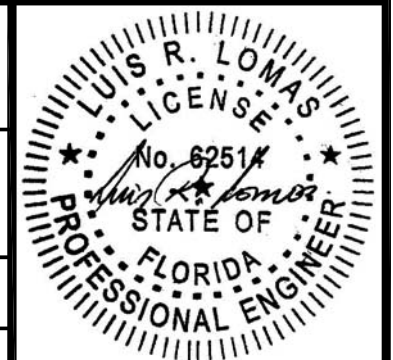


**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

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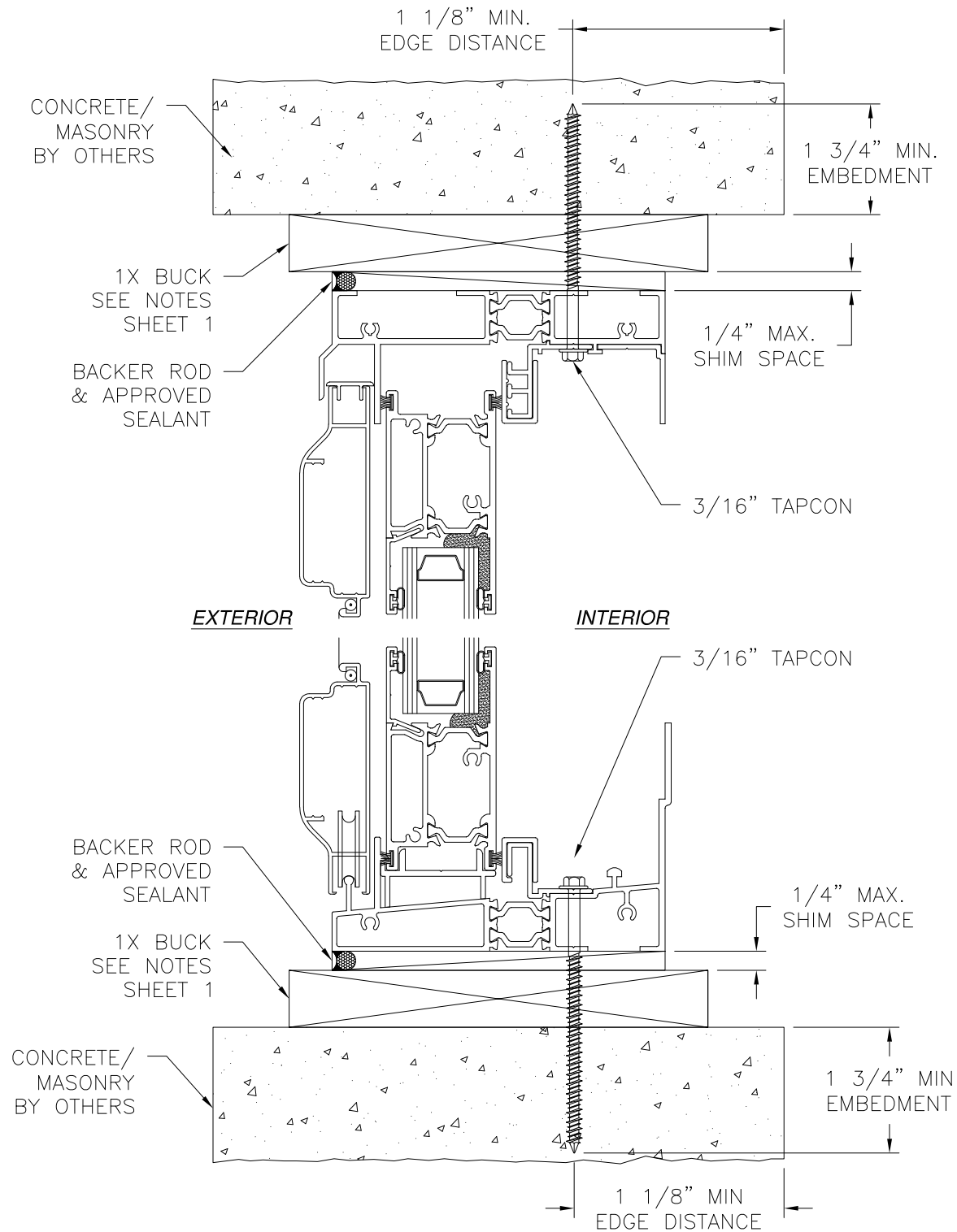
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<b>ALL SEASONS COMMERCIAL</b> 1293 NORTH HARVEY MITCHELL PARKWAY BRYAN, TX 77803		
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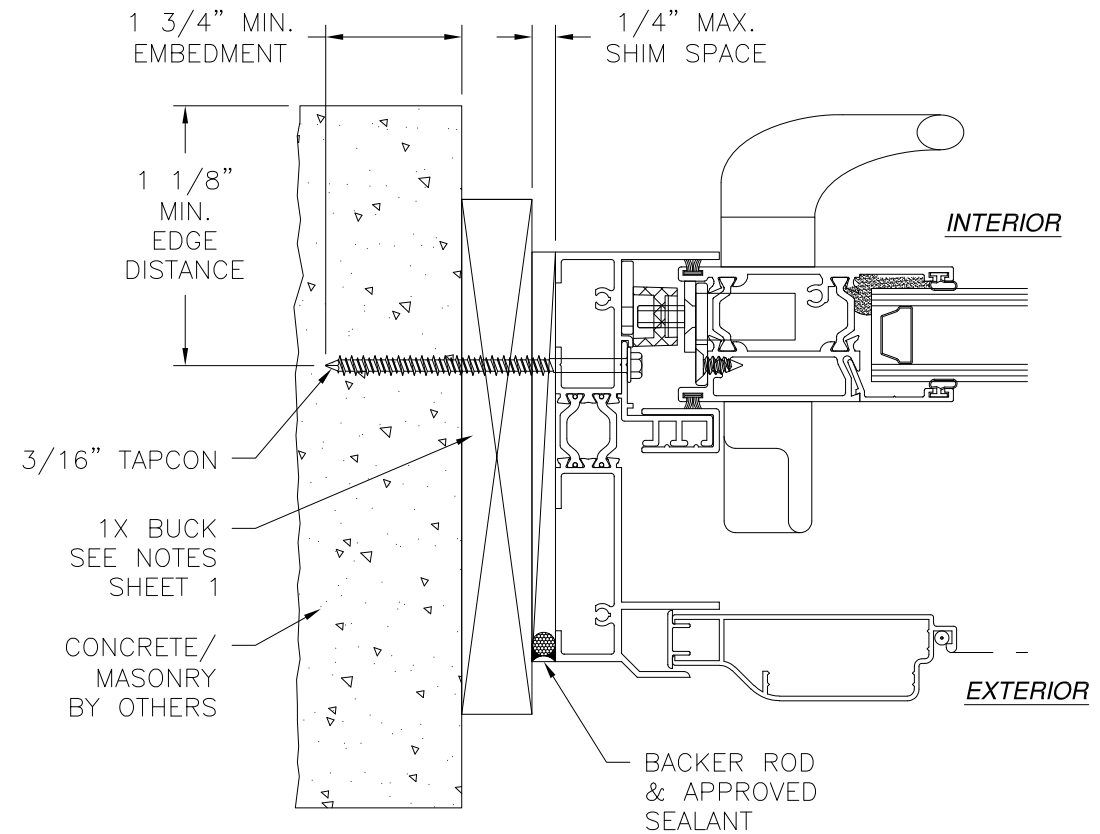


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**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION



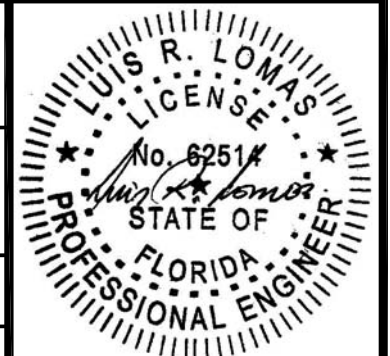
**JAMB INSTALLATION DETAIL**  
CONCRETE/MASONRY INSTALLATION

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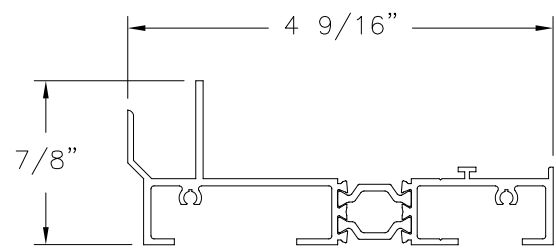
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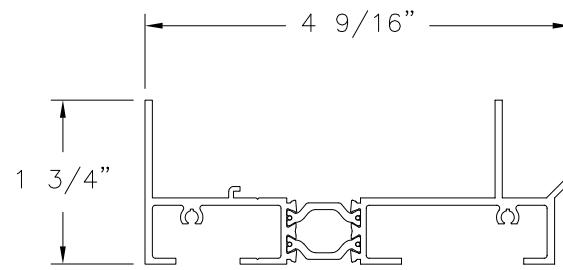


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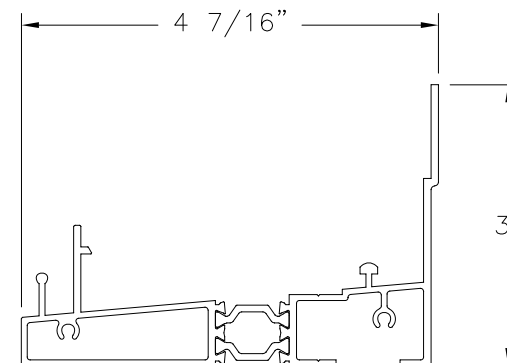
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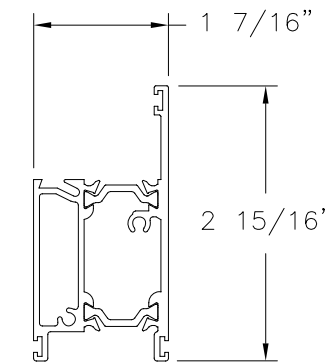
**HEAD**  
ALUMINUM 6063-T5 (11725 & 13411)



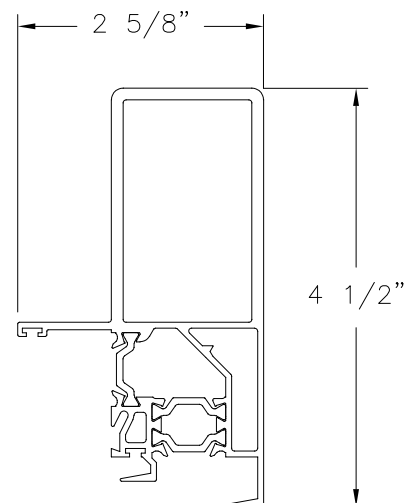
**JAMB**  
ALUMINUM 6063-T5 (11725 & 11726)



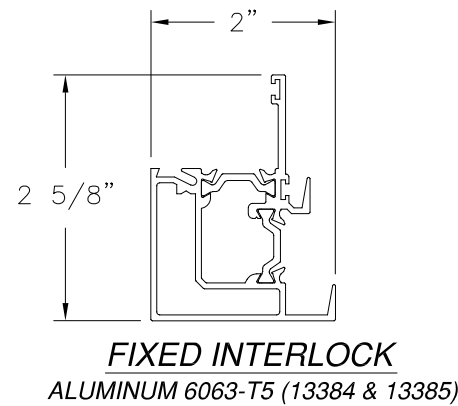
**SILL**  
ALUMINUM 6063-T5 (13409 & 13410)



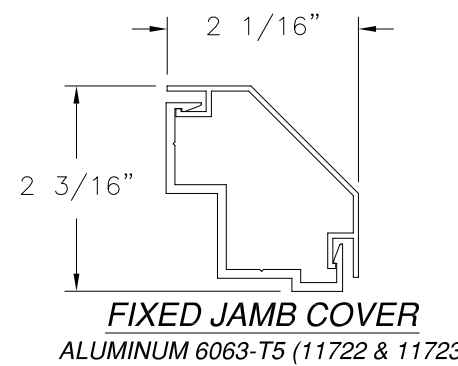
**RAIL**  
ALUMINUM 6063-T5 (13388 & 13389)



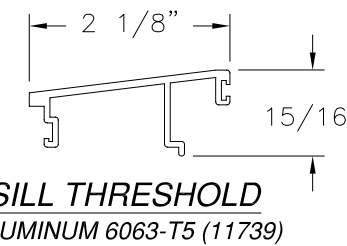
**MOVING INTERLOCK**  
ALUMINUM 6063-T5 (13386 & 13387)



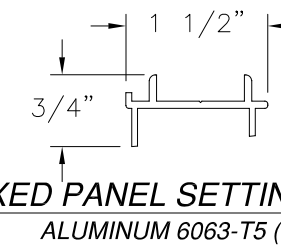
**FIXED INTERLOCK**  
ALUMINUM 6063-T5 (13384 & 13385)



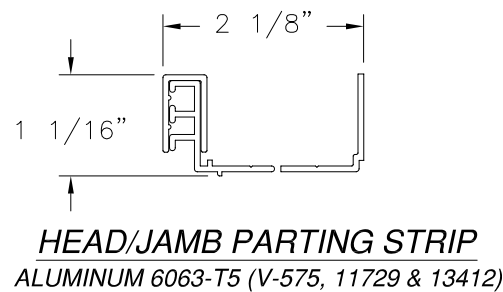
**FIXED JAMB COVER**  
ALUMINUM 6063-T5 (11722 & 11723)



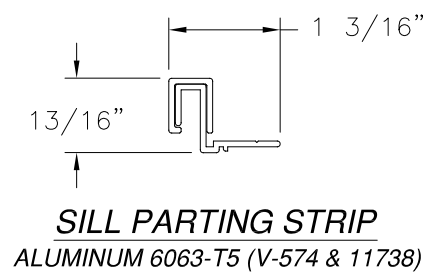
**SILL THRESHOLD**  
ALUMINUM 6063-T5 (11739)



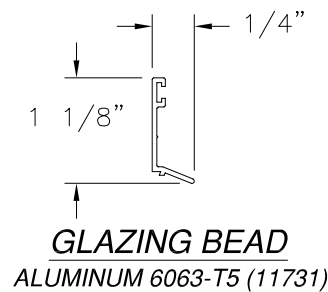
**FIXED PANEL SETTING BLOCK**  
ALUMINUM 6063-T5 (11724)



**HEAD/JAMB PARTING STRIP**  
ALUMINUM 6063-T5 (V-575, 11729 & 13412)



**SILL PARTING STRIP**  
ALUMINUM 6063-T5 (V-574 & 11738)



**GLAZING BEAD**  
ALUMINUM 6063-T5 (11731)

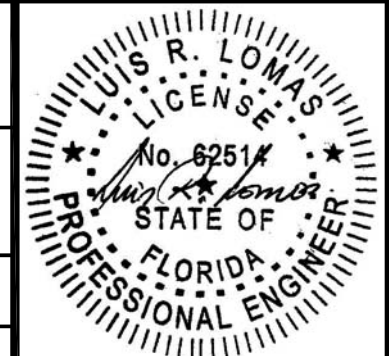
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