

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED ADDRESS & SILL RISER	07/08/2026	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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 JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC 1 1/2" THICK.
12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 2" THICK WITH ALUMINUM CLADDING .063 THICK.
13. DOOR PANEL AND SIDELITE MATERIAL: PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
14. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 4 FOR GLASS DETAIL.
15. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

16. 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.
17. FOR ANCHORING THROUGH FRAME 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.
18. 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.
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. APPROVED CONFIGURATIONS: OX, XO AND OXXO, SEE SHEET 2.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3	ASTRAGAL AND MEETING RAIL DETAIL
4	GLAZING DETAILS
5	ANCHORING LAYOUT
6 – 8	INSTALLATION DETAILS
9	COMPONENTS

NAN YA PLASTICS CORP. USA

4016 SHADRACK ST.
HOUSTON, TX 77013

SERIES SPLS GLIDING PATIO DOOR
WITH 3/4 LITE PANELS 120611 – IMPACT
OXXO ELEVATION AND NOTES

DRAWN:
A.R.

DWG NO.
08-03622

REV
B

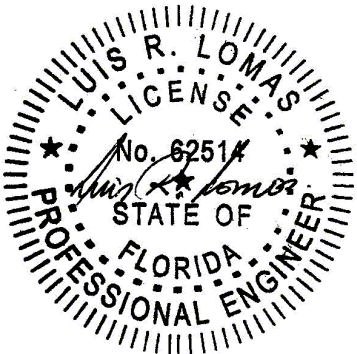
SCALE NTS

DATE 10/26/2020

SHEET 1 OF 9

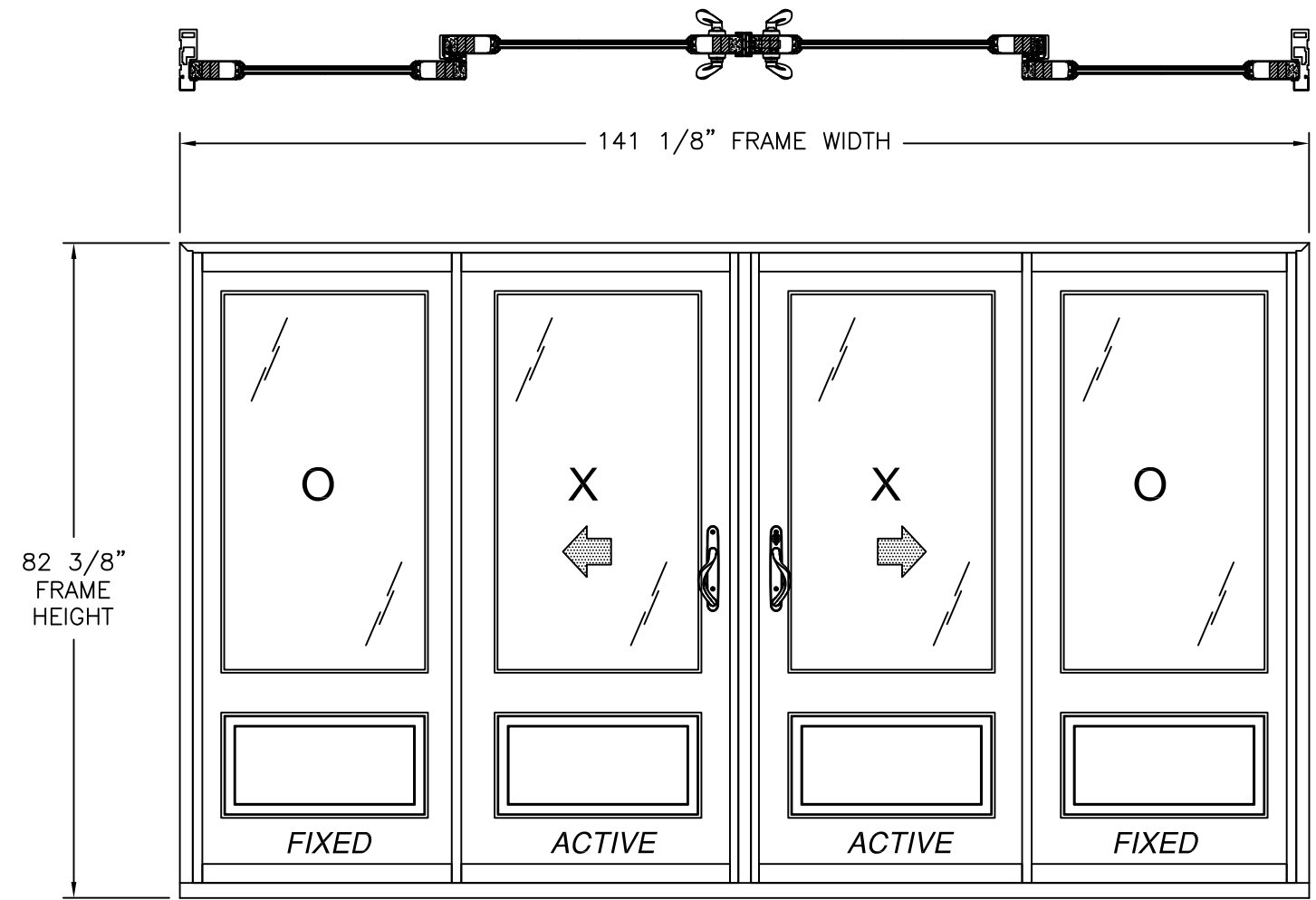
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/11/2026

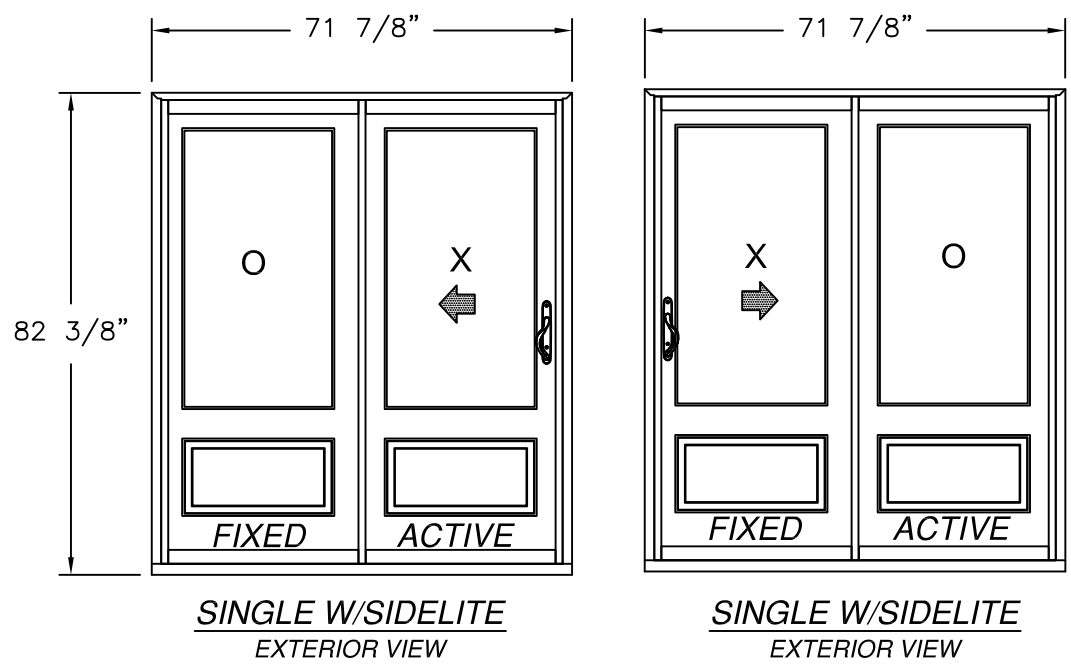


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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B	REVISED ADDRESS & SILL RISER	07/08/2026	R.L.



NOTES:
1. PANEL SIZE: 35 3/4" X 79 1/4"
2. D.L.O.: 26" X 48"



SERIES SPLS GLIDING PATIO DOOR - 120611
EXTERIOR VIEW

WITH STANDARD SILL OR SILL RISER

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

NOTE: STANDARD SILL WAS TESTED TO 7.5PSF WATER PENETRATION RESISTANCE,
3" SILL RISER WAS TESTED TO 15.0PSF WATER PENETRATION RESISTANCE

35 3/4" X 79 1/4" PANELS SHOWN OTHER PANEL SIZES ARE APPROVED AS
LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

HARDWARE SCHEDULE	
A.	ONE POINT LOCKING SYSTEM
B.	(1) DIE CAST HANDLE SET PER ACTIVE PANEL
C.	(2) STAINLESS STEEL TANDEM ROLLERS PER PANEL
D.	PVC ASTRAGAL BY NAN YA PLASTICS

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SERIES SPLS GLIDING PATIO DOOR
WITH 3/4 LITE PANELS 120611 – IMPACT
ELEVATION

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NTS

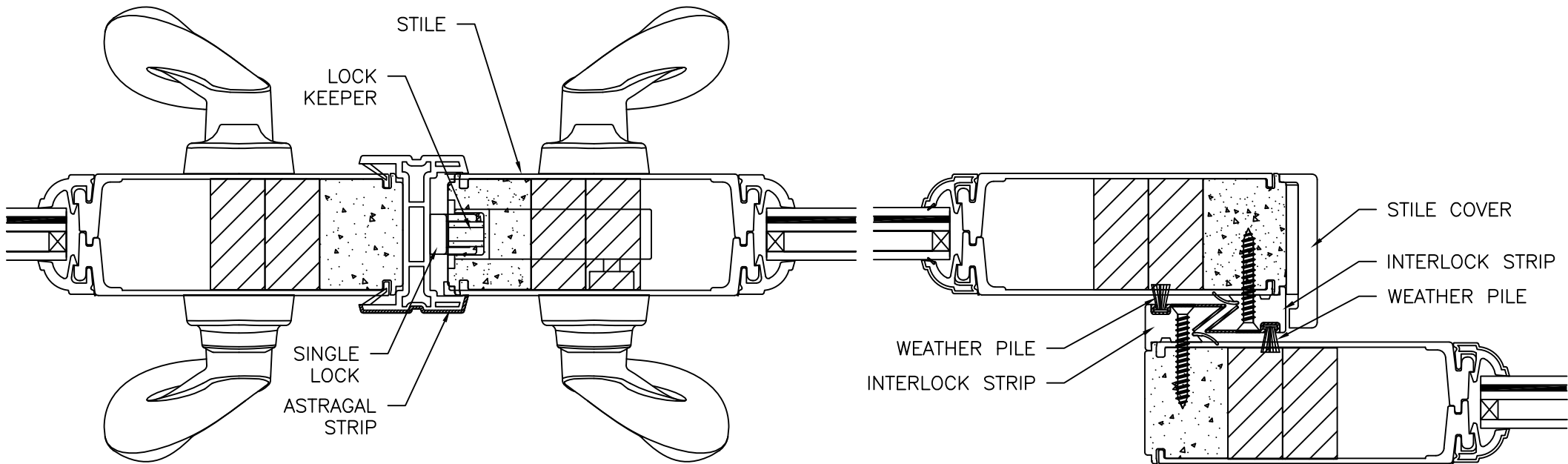
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10/26/2020

SHEET
2 OF 9

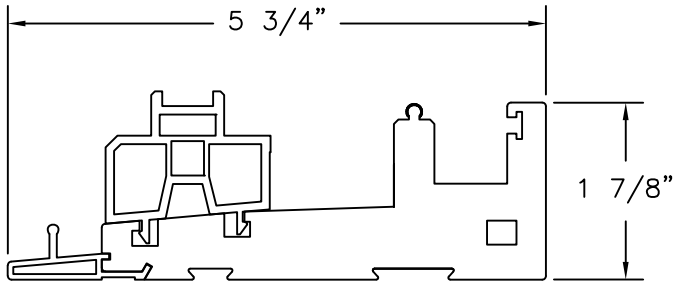
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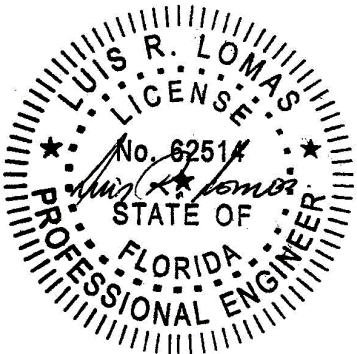
ASTRAGAL AND MEETING RAIL DETAIL



DOOR SILL

NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
SERIES SPLS GLIDING PATIO DOOR WITH 3/4 LITE PANELS 120611 - IMPACT ASTRAGAL AND MEETING RAIL DETAIL		
DRAWN: A.R.	DWG NO. 08-03622	REV B
SCALE NTS	DATE 10/26/2020	SHEET 3 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

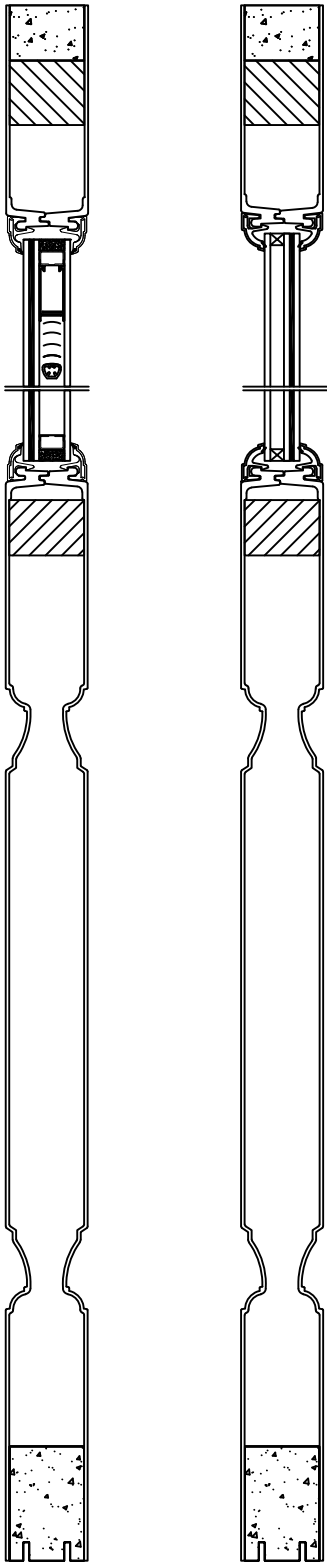
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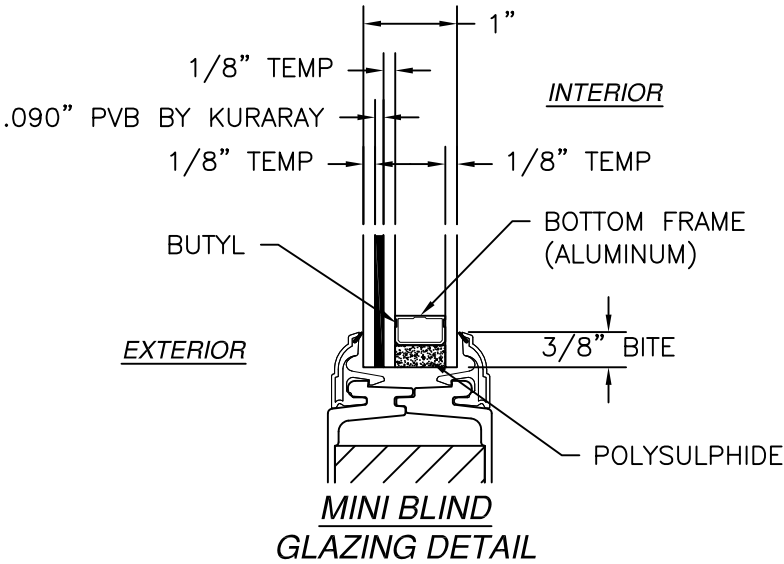
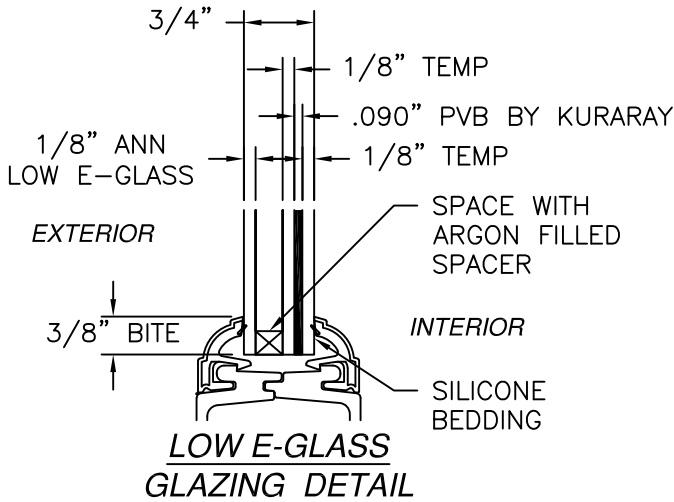
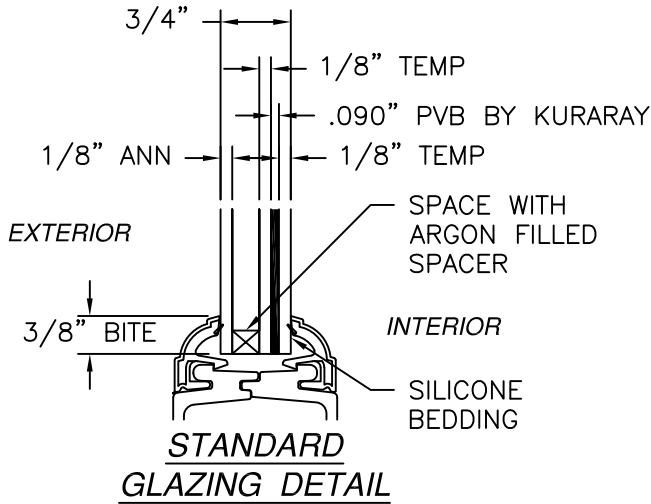
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APPROVED PANEL CONFIGURATIONS



W/MINI-BLIND STANDARD



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WITH 3/4 LITE PANELS 120611 – IMPACT
GLAZING DETAILS

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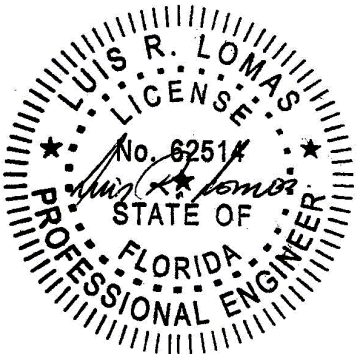
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NTS

DATE
10/26/2020

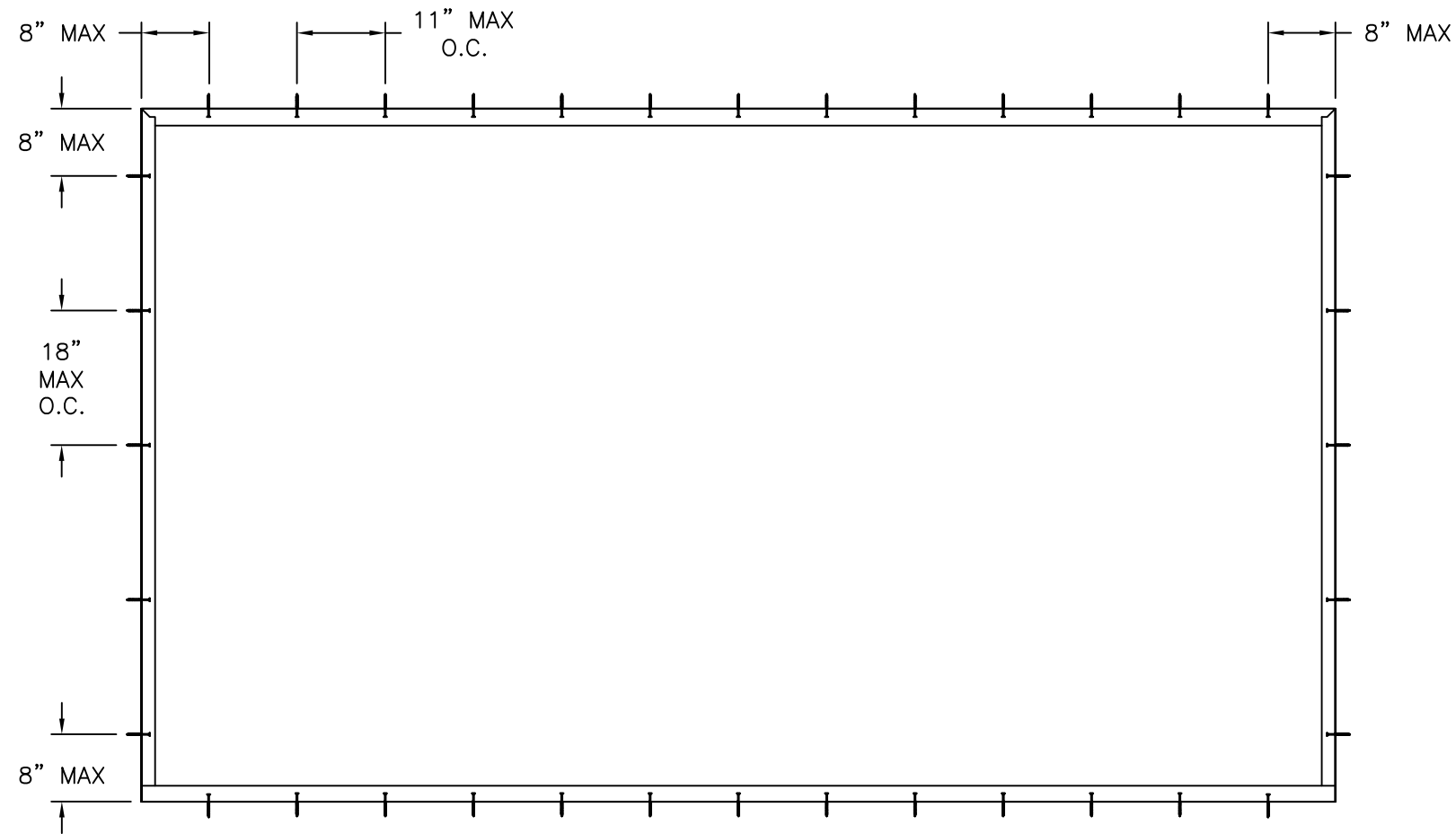
SHEET
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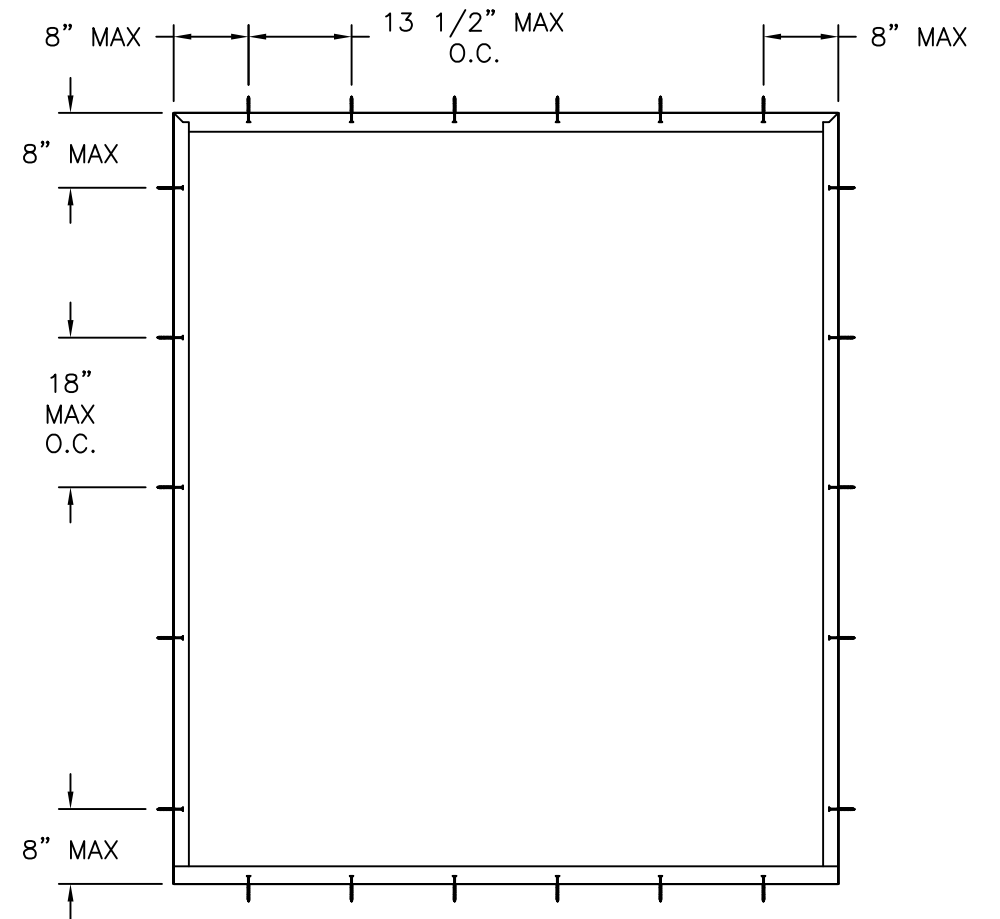


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ANCHORING LAYOUT FOR DOUBLE W/SIDELITES
EXTERIOR VIEW

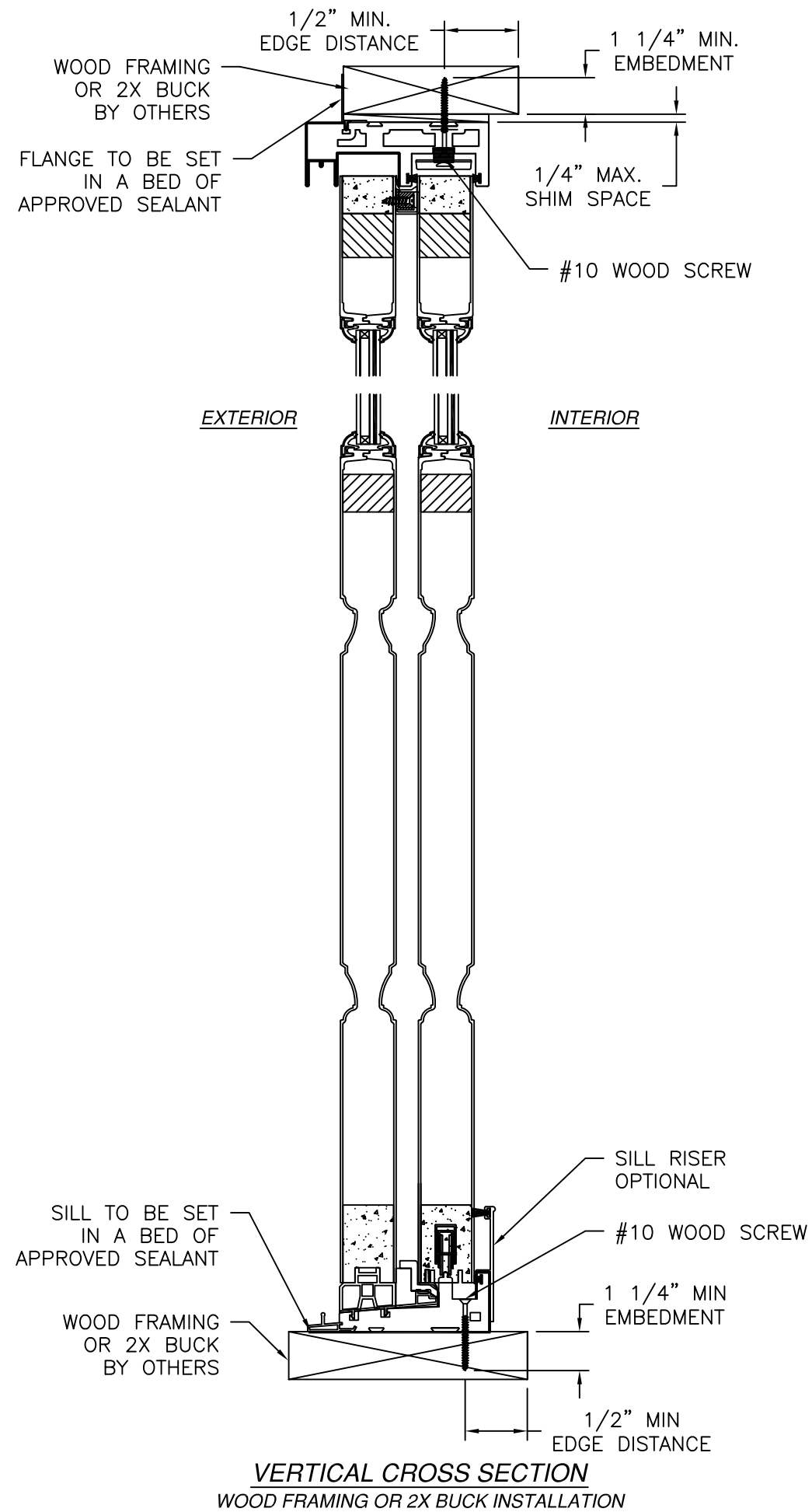


ANCHORING LAYOUT FOR SINGLE W/SIDELITE
EXTERIOR VIEW

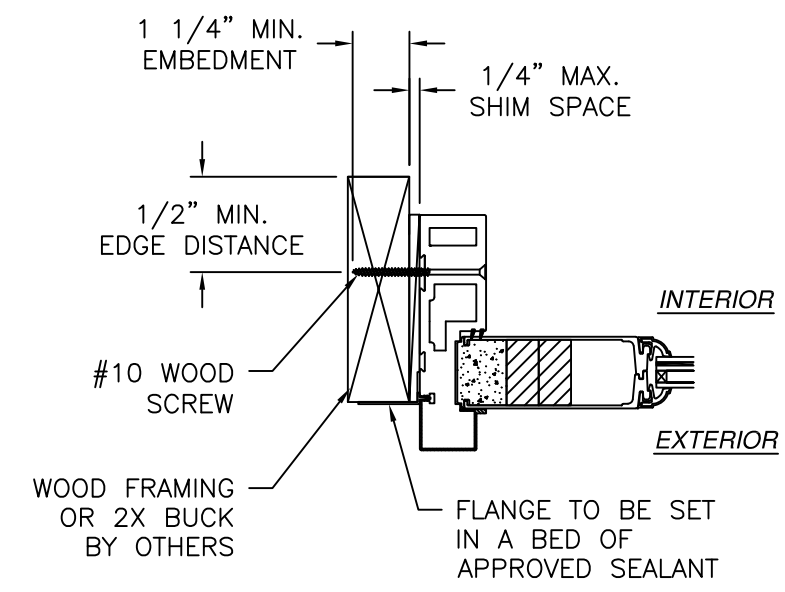
SIGNED: 08/11/2026

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SERIES SPLS GLIDING PATIO DOOR WITH 3/4 LITE PANELS 120611 – IMPACT ANCHORING LAYOUTS		
DRAWN: A.R.	DWG NO. 08-03622	REV B
SCALE NTS	DATE 10/26/2020	SHEET 5 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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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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INSTALLATION DETAILS

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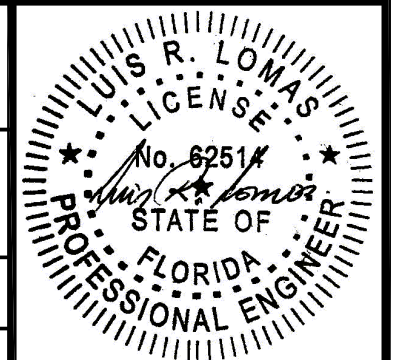
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DATE **10/26/2020**

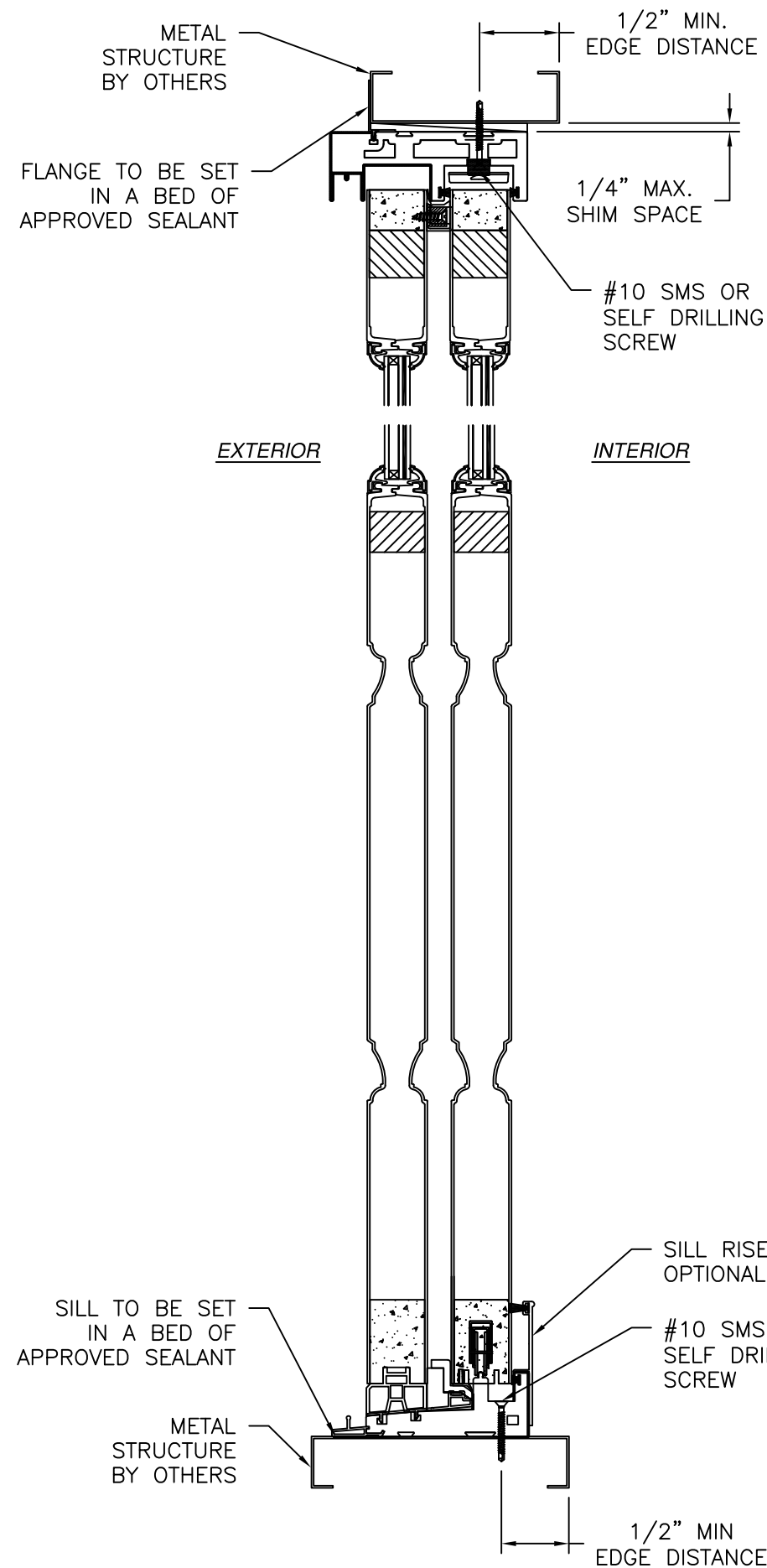
SHEET **6** OF **9**

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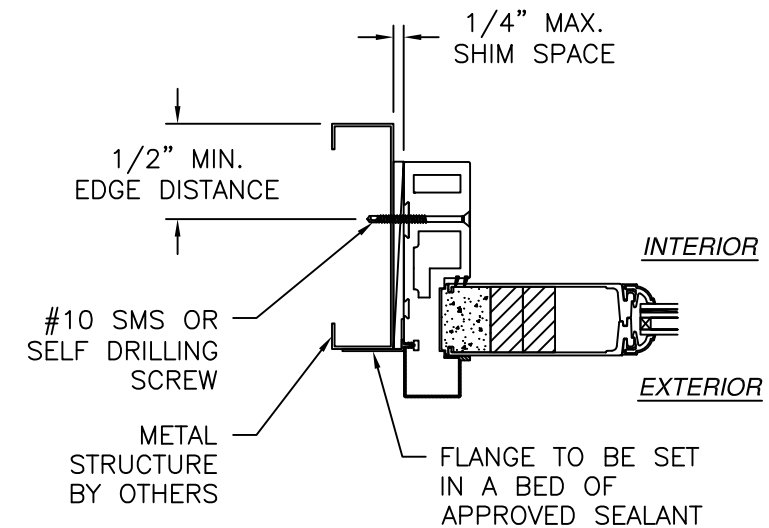
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FL No.: 62514



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE 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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4016 SHADRACK ST.
HOUSTON, TX 77013

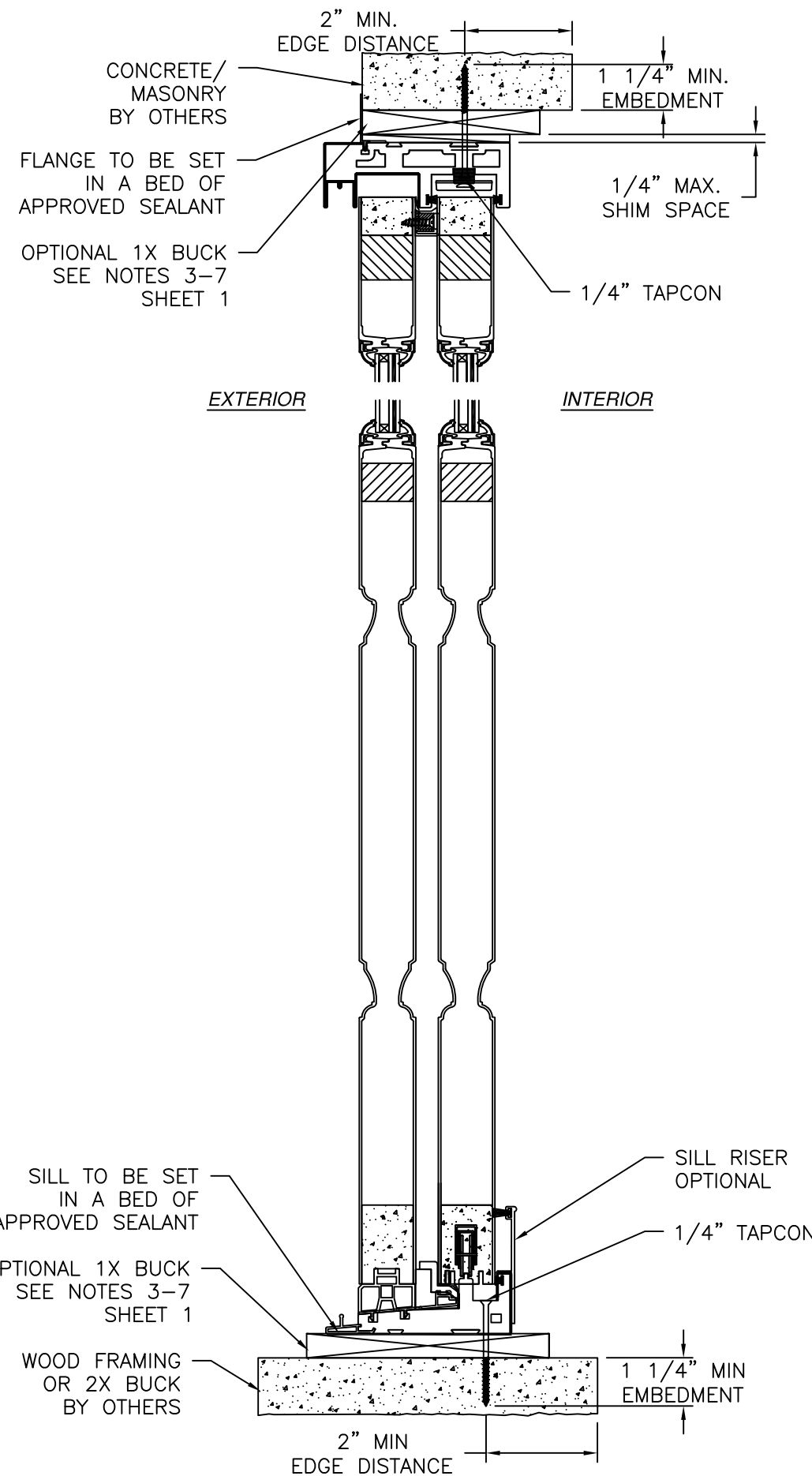
**SERIES SPLS GLIDING PATIO DOOR
WITH 3/4 LITE PANELS 120611 - IMPACT
INSTALLATION DETAILS**

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SCALE NTS	DATE 10/26/2020	SHEET 7 OF 9

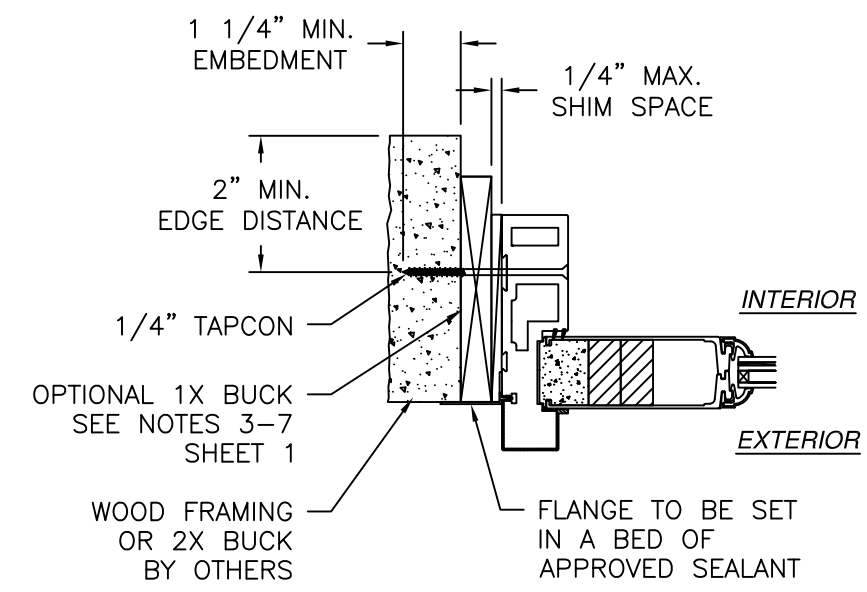
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

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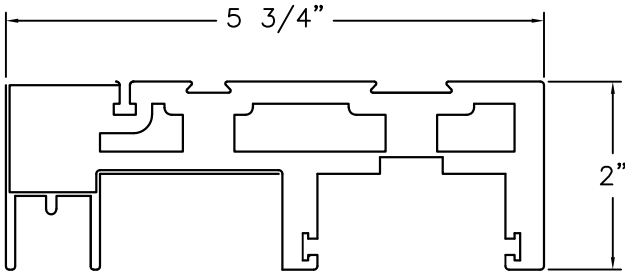
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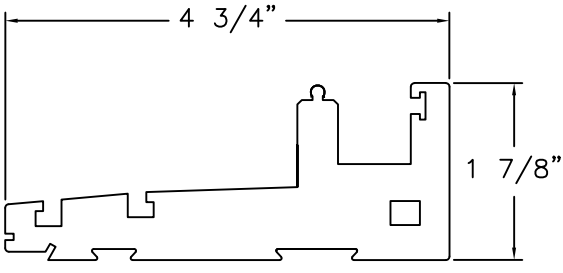
LUIS R. LOMAS
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STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

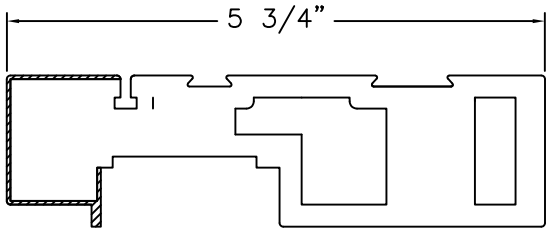
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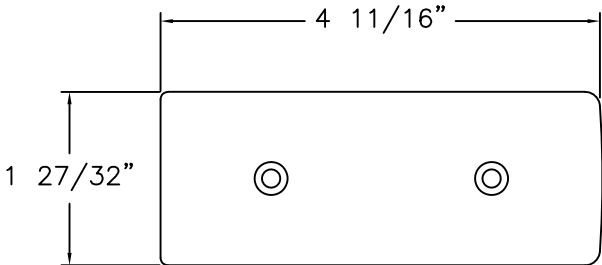
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FOAM PVC CO-EX



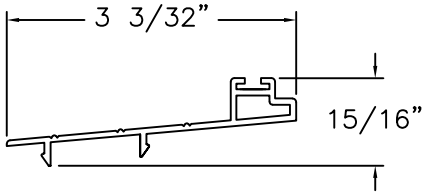
SILL
FOAM PVC



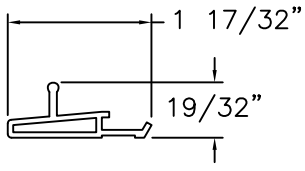
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FOAM PVC



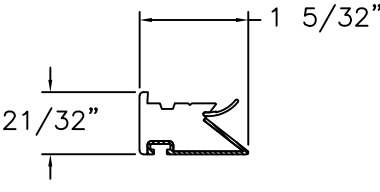
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SOFT PVC



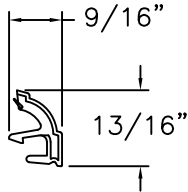
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ALUMINUM



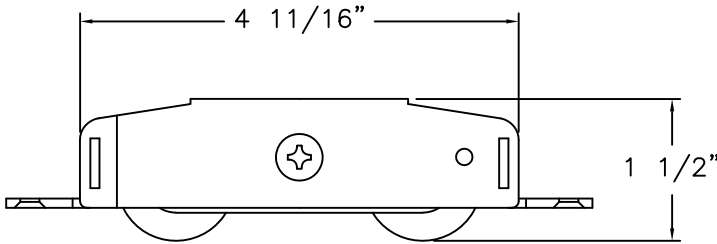
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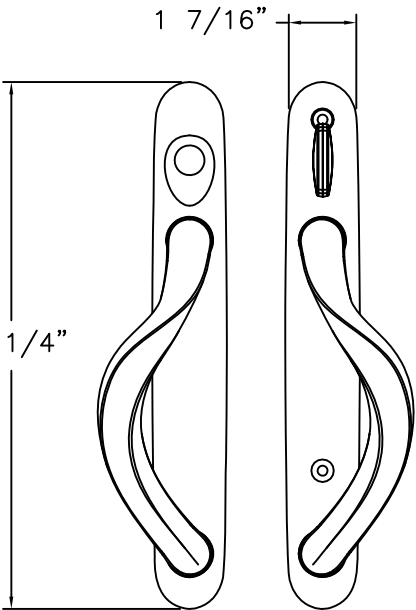
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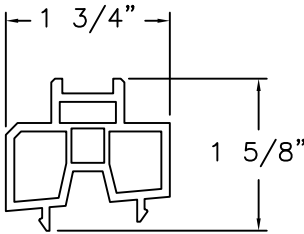
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PVC



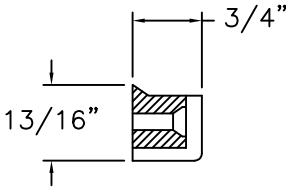
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STAINLESS STEEL



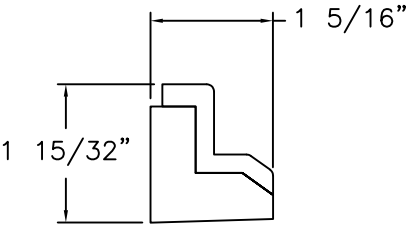
GLIDING HANDLE
DIE CAST, STEEL



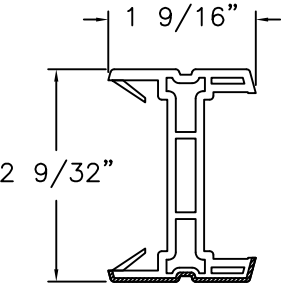
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RIGID PVC



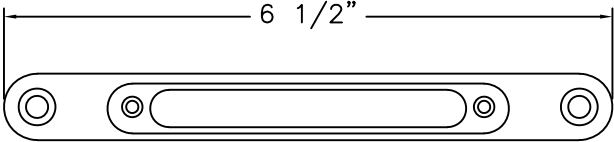
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FOAM EPDM



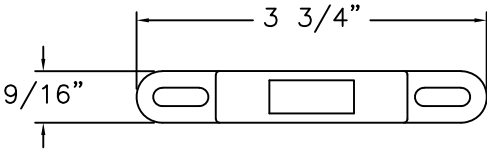
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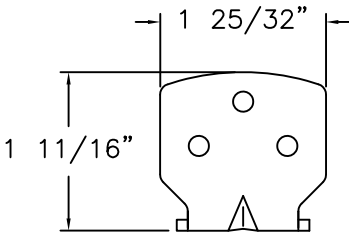
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RIGID PVC



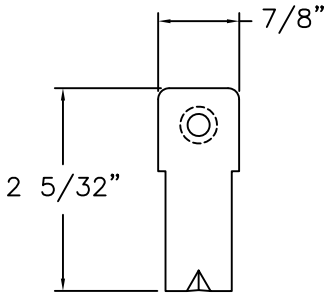
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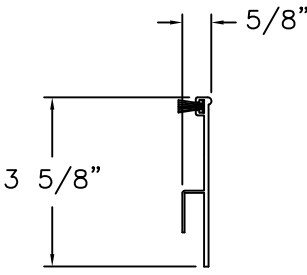
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DIE CASTING



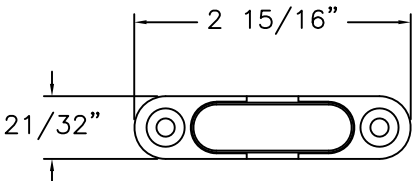
TOP BRACKET
STAINLESS STEEL



DOWNSIDE BRACKET
STAINLESS STEEL



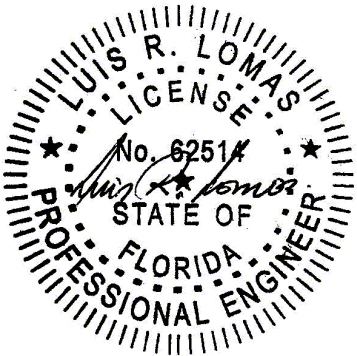
SILL RISER
ALUMINUM



ANTI-LIFT STOPPER
DIE CASTING

NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
SERIES SPLS GLIDING PATIO DOOR WITH 3/4 LITE PANELS 120611 - IMPACT COMPONENTS		
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