

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

NOTES:

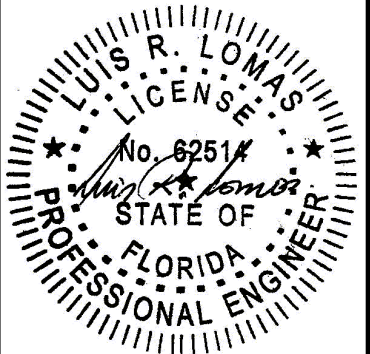
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER 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 FOAM 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 5 FOR GLASS DETAILS.
15. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

16. FOR ANCHORING 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 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 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.

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2	ELEVATION & ADDITIONAL CONFIGURATIONS
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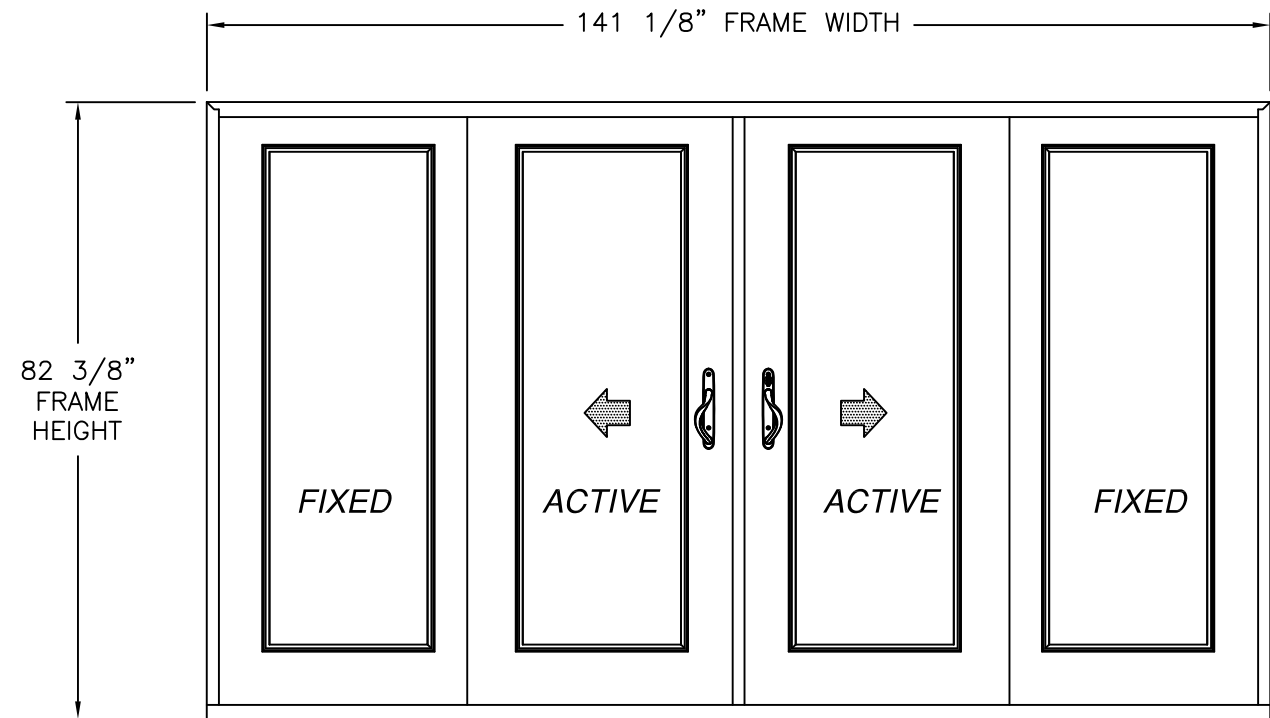
NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
SERIES SPLS GLIDING PATIO DOOR 120611 IMPACT NOTES		
DRAWN: J.L.	DWG NO. 08-01898	REV E
SCALE NTS	DATE 01/17/13	SHEET 1 OF 8
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/10/2026



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

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SERIES SPLS GLIDING PATIO DOOR - 120611
EXTERIOR VIEW

WITH STANDARD SILL OR SILL RISER

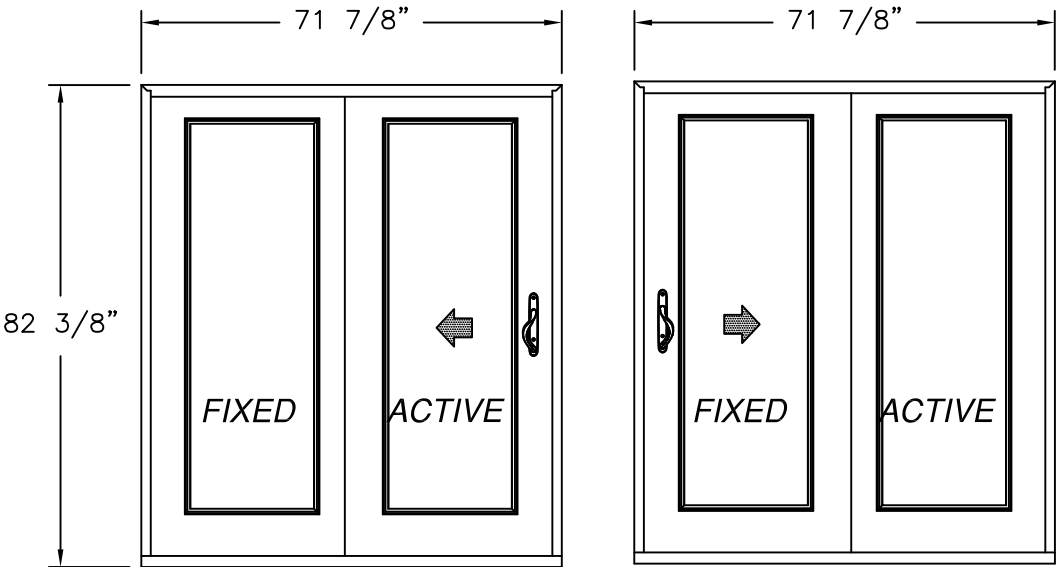
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

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

- NOTES:
- PANEL SIZE: 35 3/4" X 79 1/4"
 - D.L.O.: 26 1/4" X 66"



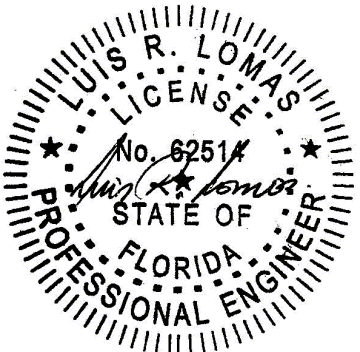
SINGLE W/SIDELITE
EXTERIOR VIEW

SINGLE W/SIDELITE
EXTERIOR VIEW

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

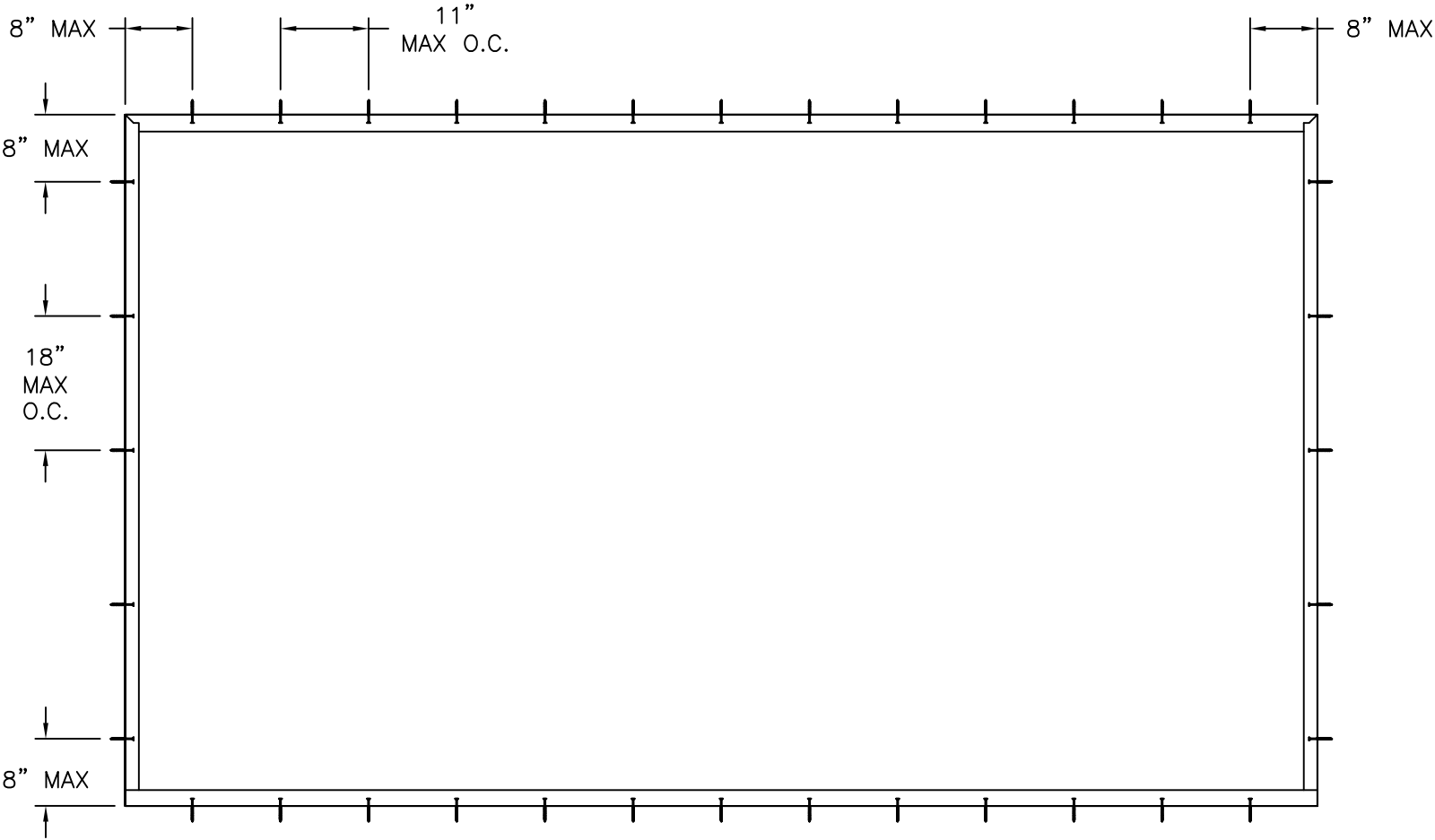
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SERIES SPLS GLIDING PATIO DOOR 120611 IMPACT ELEVATION & APPROVED CONFIGURATIONS		
DRAWN: J.L.	DWG NO. 08-01898	REV E
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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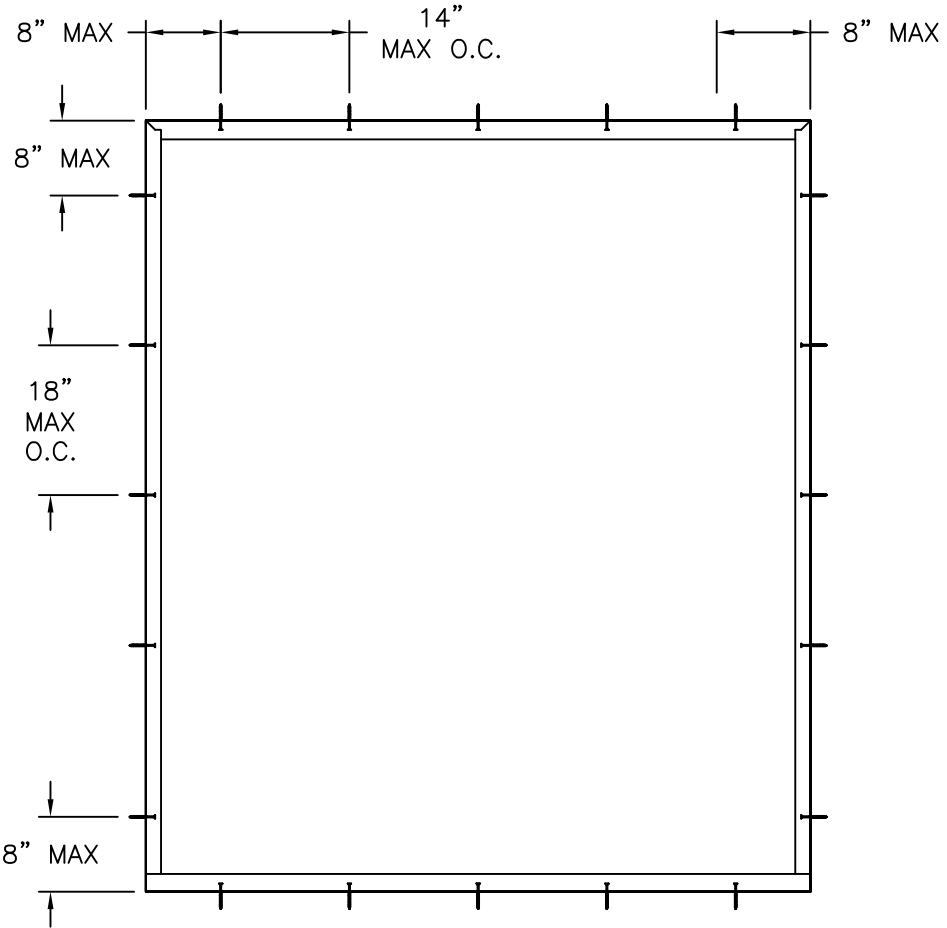


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ANCHORING LAYOUT FOR DOUBLE W/SIDELITES
EXTERIOR VIEW



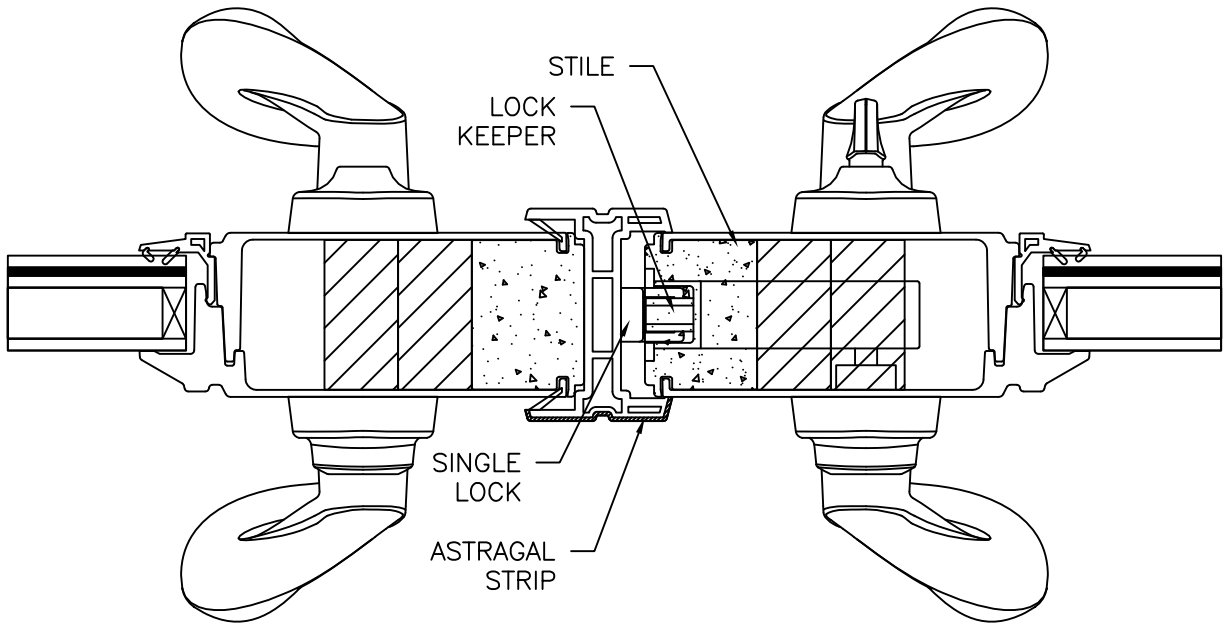
ANCHORING LAYOUT FOR SINGLE W/SIDELITE
EXTERIOR VIEW

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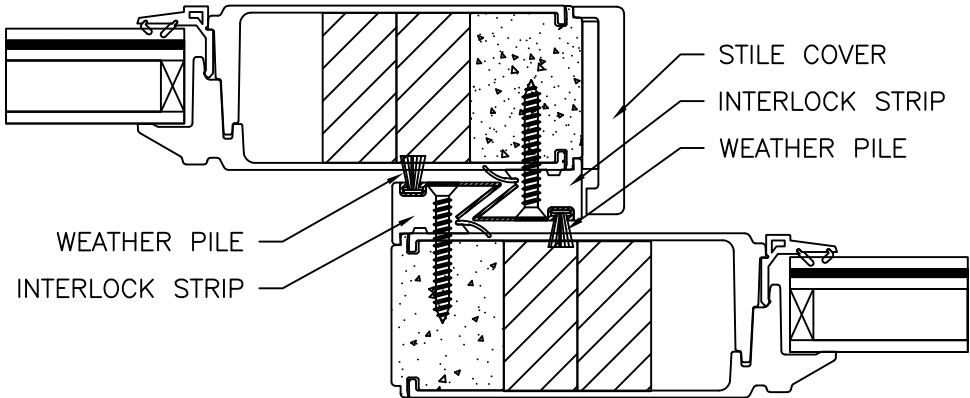
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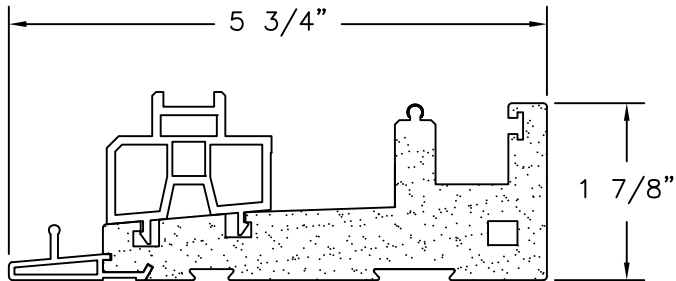
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ASTRAGAL DETAIL



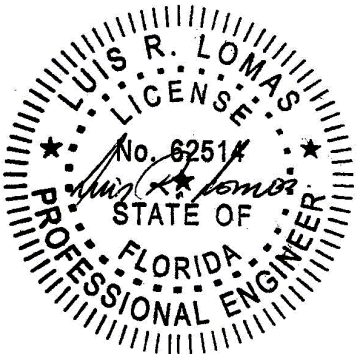
MEETING RAIL DETAIL



DOOR SILL

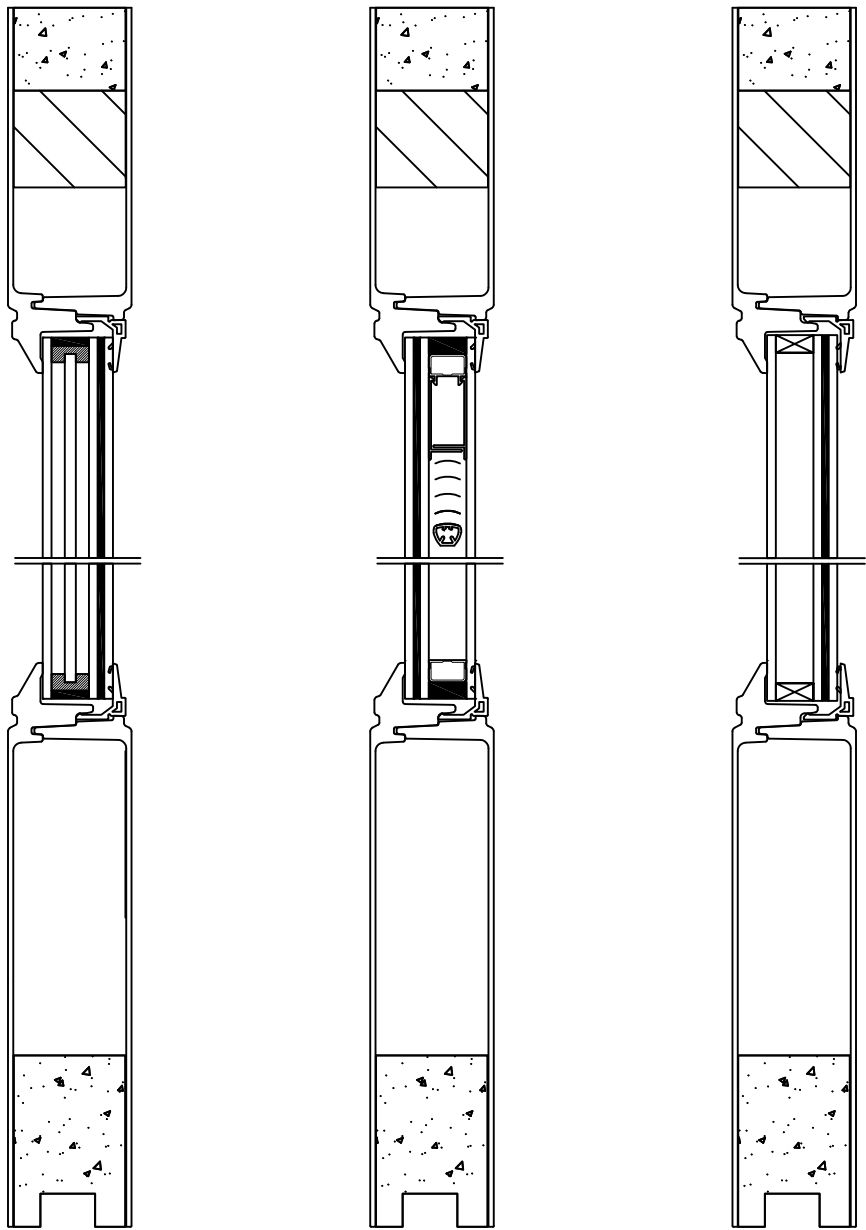
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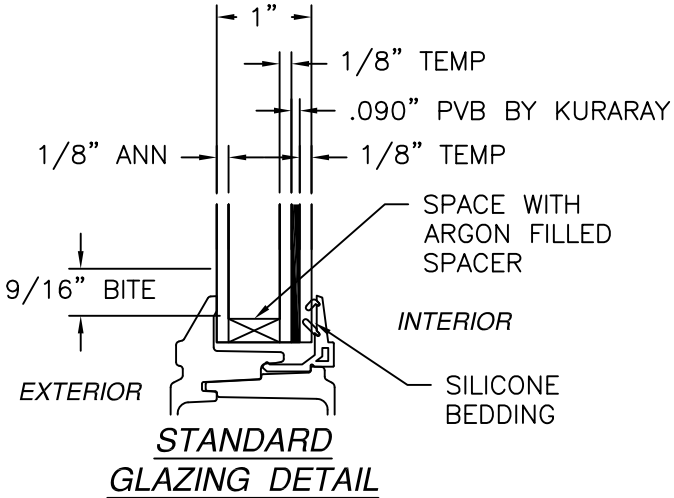
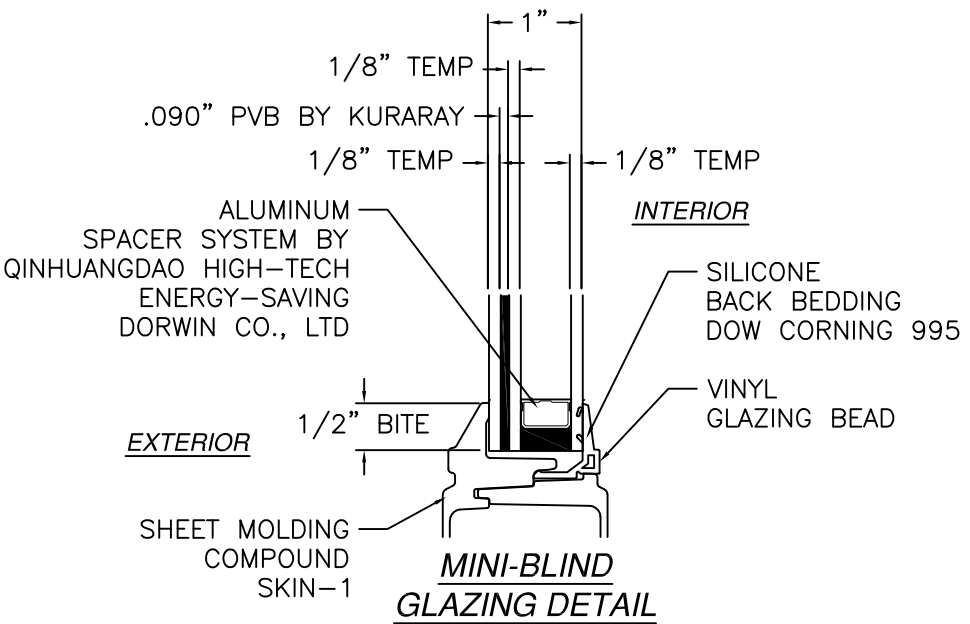
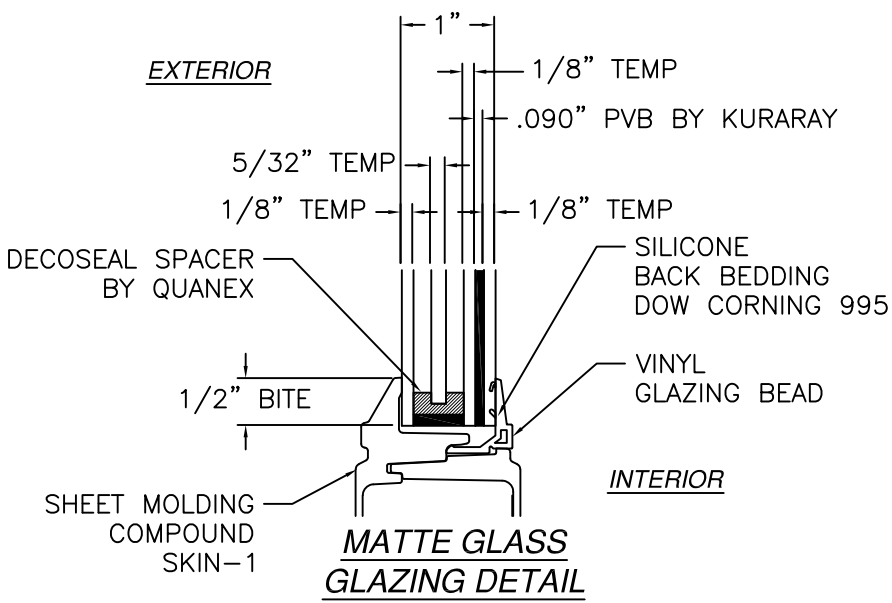
APPROVED PANEL CONFIGURATIONS



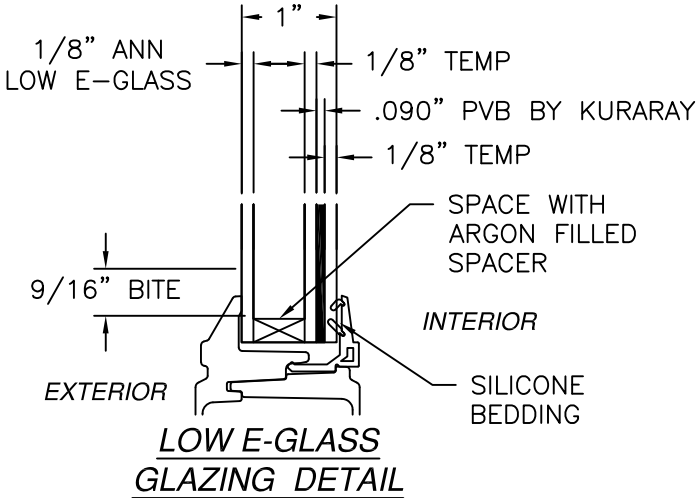
W/MATTE GLASS

W/MINI-BLIND

STANDARD



STANDARD
GLAZING DETAIL



LOW E-GLASS
GLAZING DETAIL

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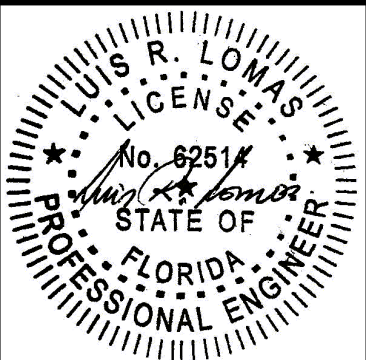
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HOUSTON, TX 77013

SERIES SPLS GLIDING PATIO DOOR
120611 IMPACT
GLAZING DETAILS

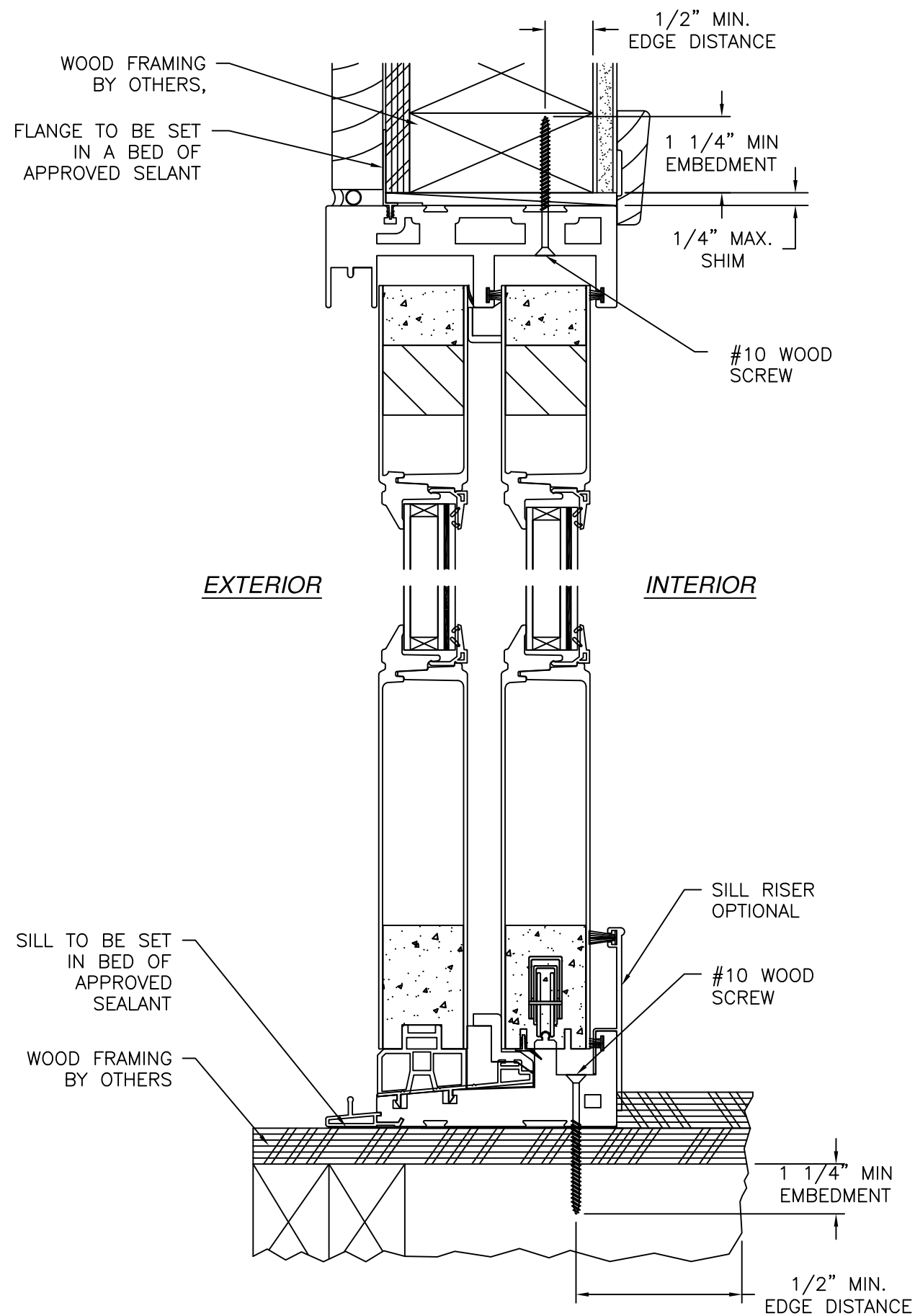
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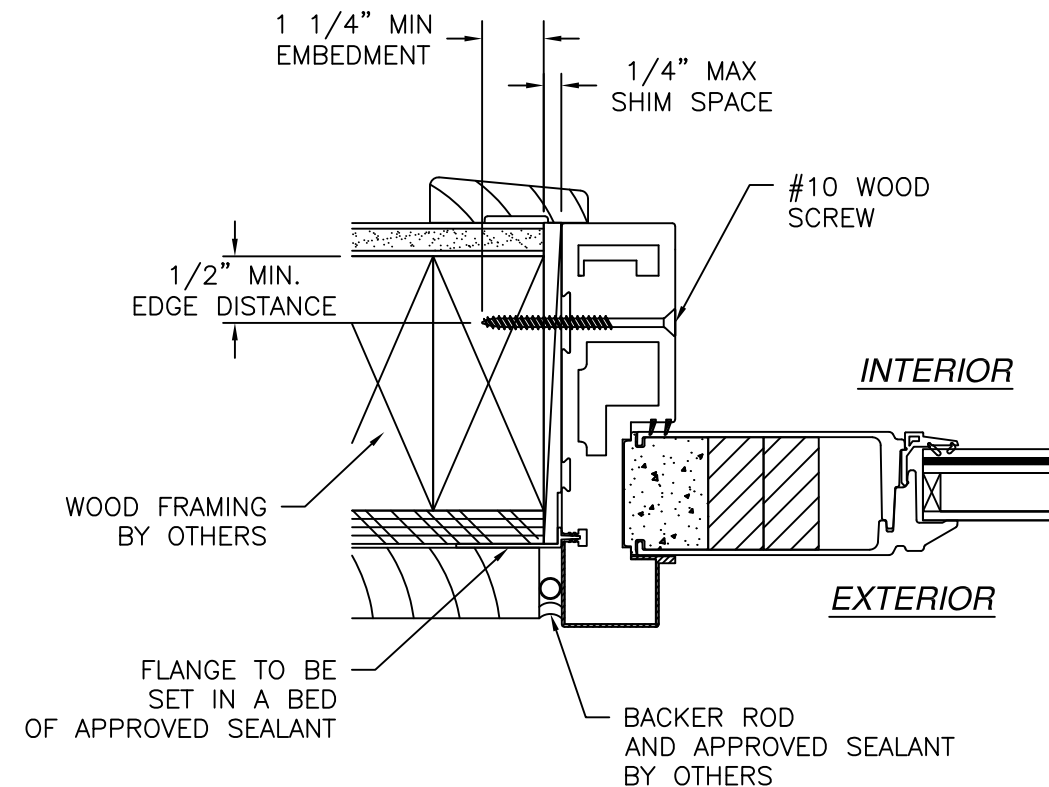
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VERTICAL CROSS SECTION
 DOOR SHOWN, SIDELITE SIMILAR
 2X BUCK/WOOD FRAMING INSTALLATION



HORIZONTAL CROSS SECTION
 2X BUCK/WOOD FRAMING INSTALLATION

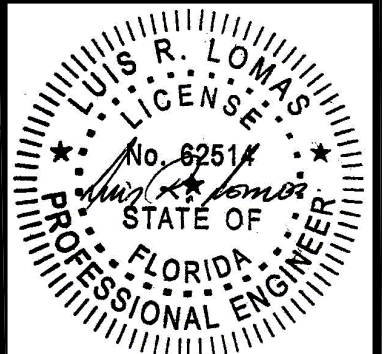
NOTES:

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

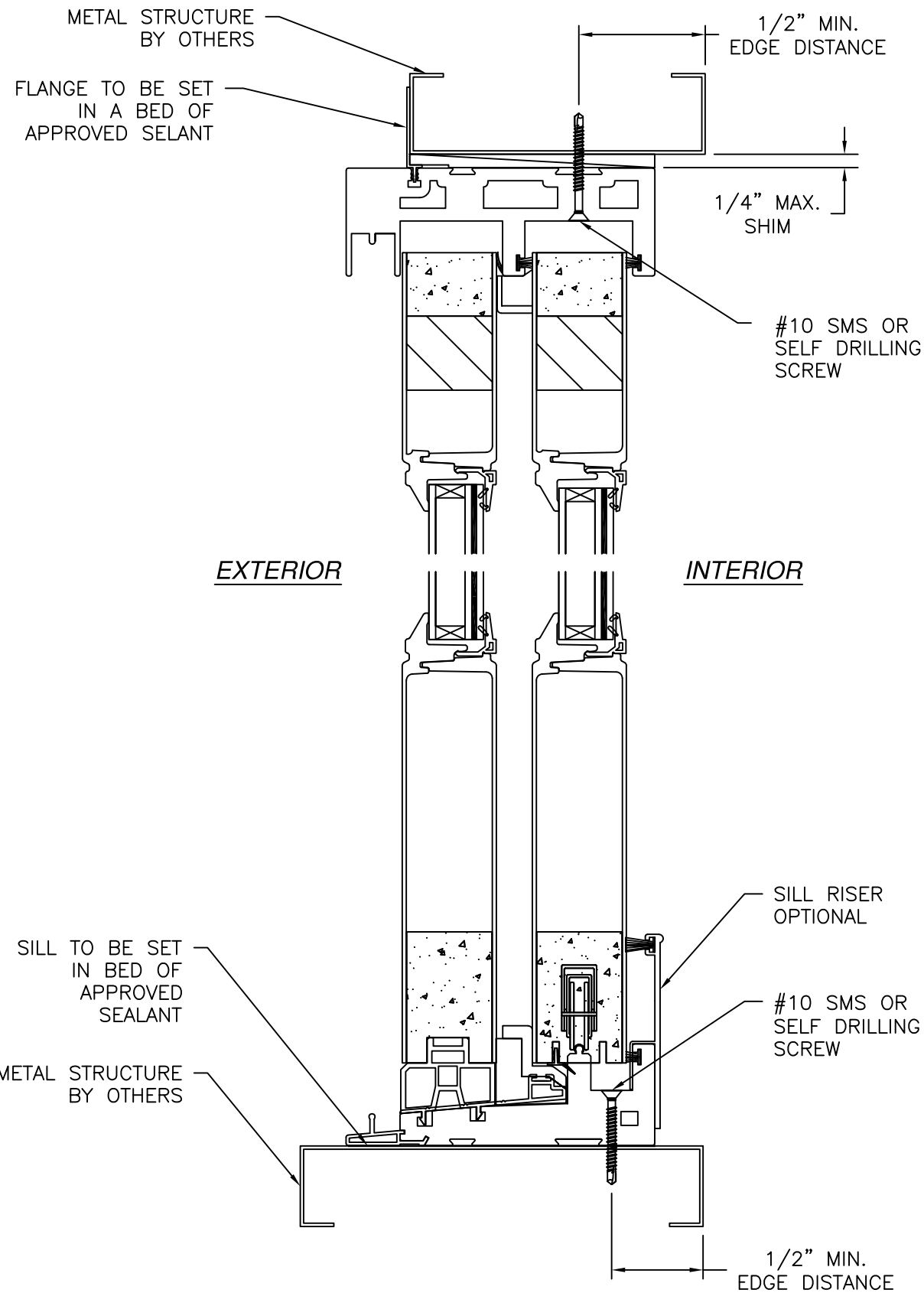
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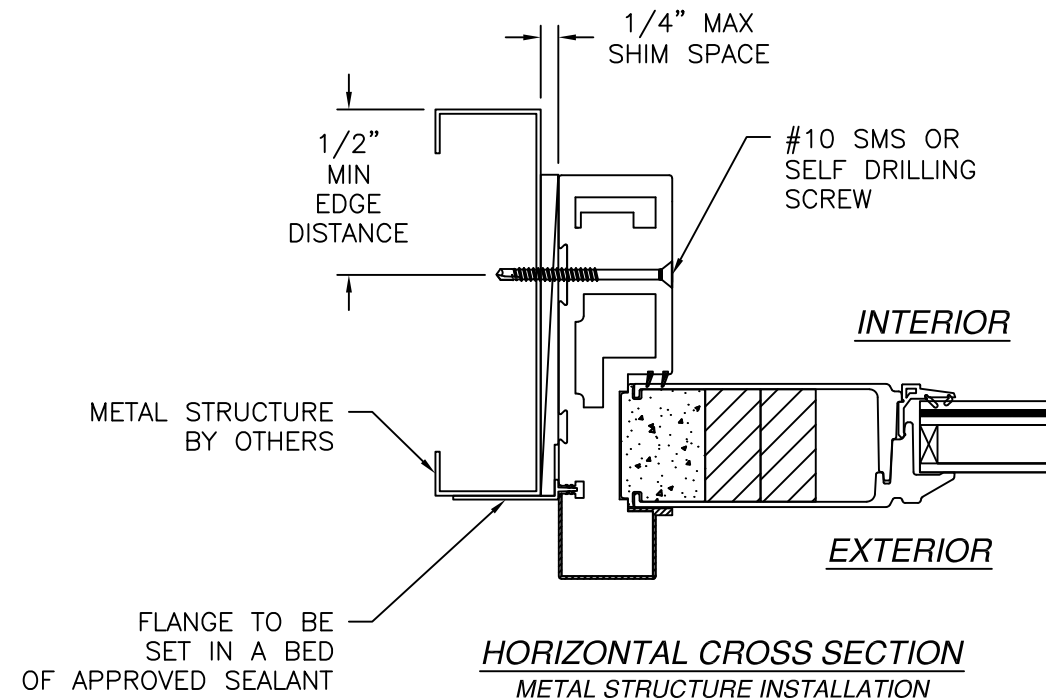
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VERTICAL CROSS SECTION
DOOR SHOWN, SIDELITE SIMILAR
METAL STRUCTURE INSTALLATION

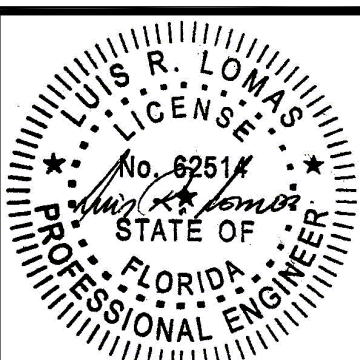


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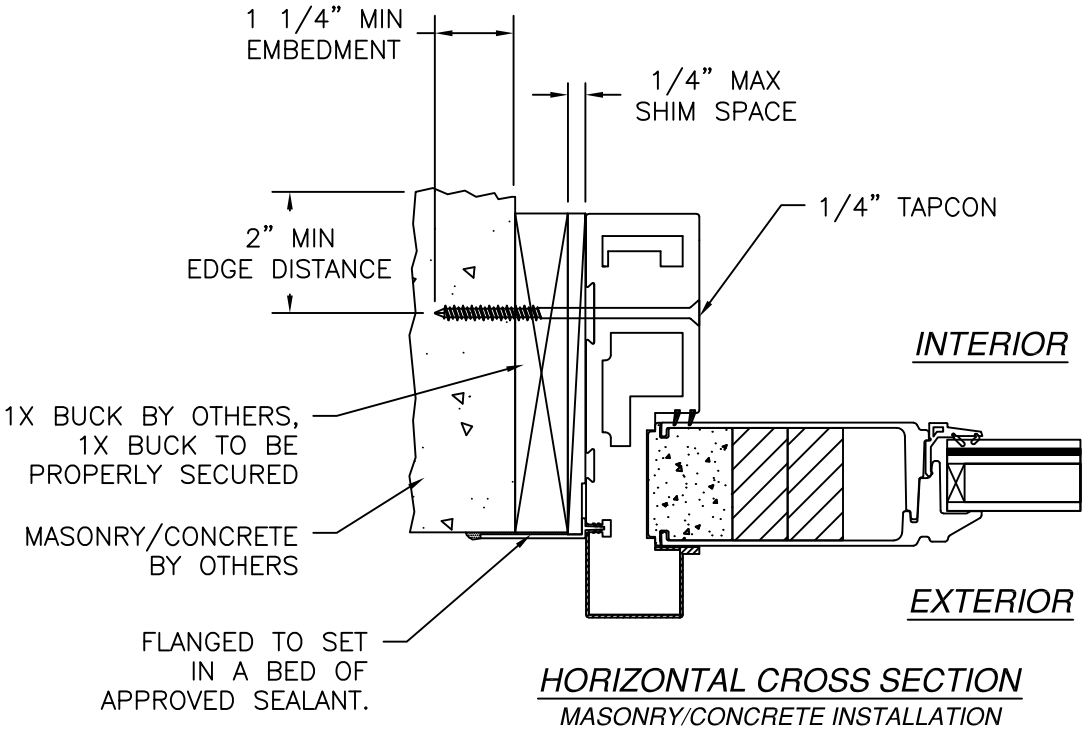
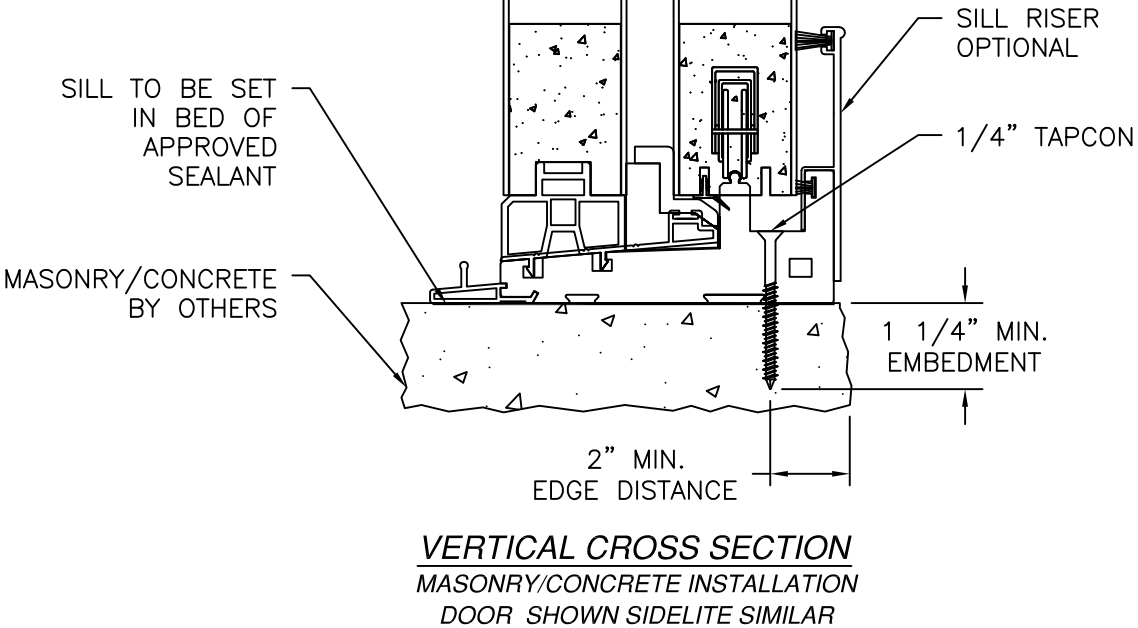
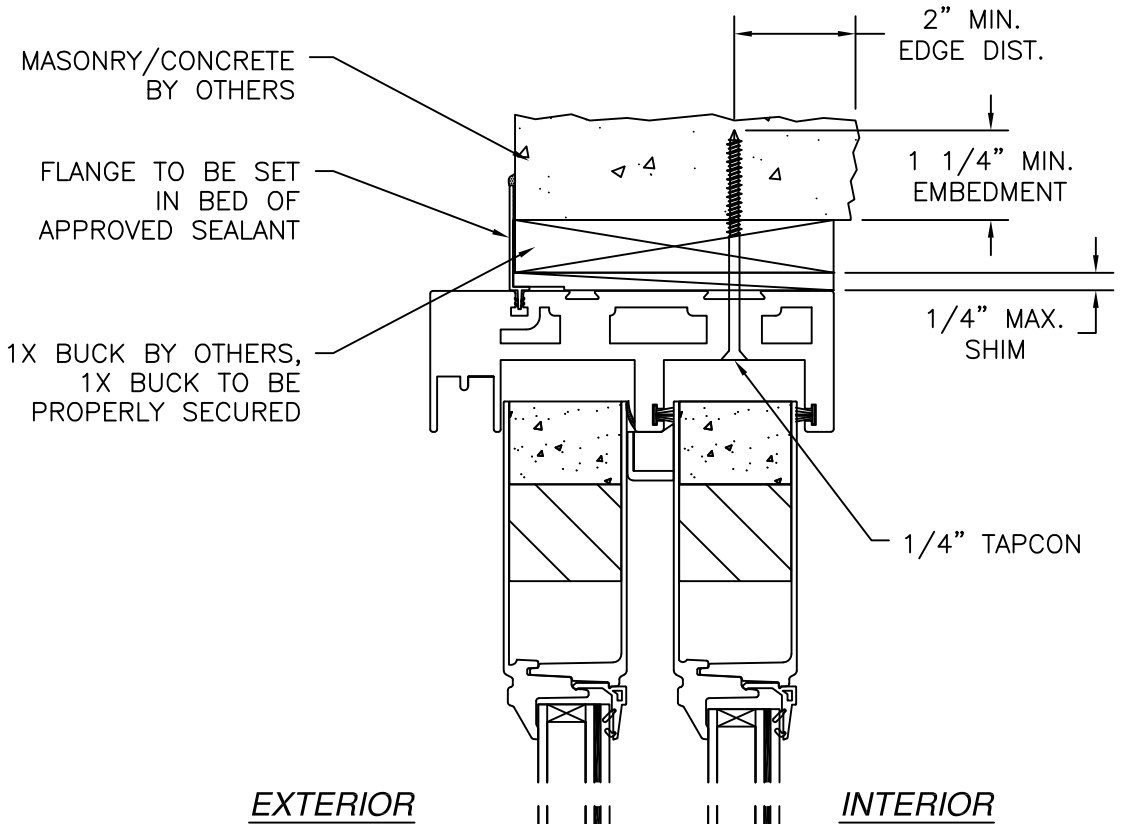
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NAN YA PLASTICS CORP. USA

4016 SHADRACK ST.
HOUSTON, TX 77013

SERIES SPLS GLIDING PATIO DOOR

120611 IMPACT

INSTALLATION DETAILS

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REV E

SCALE NTS

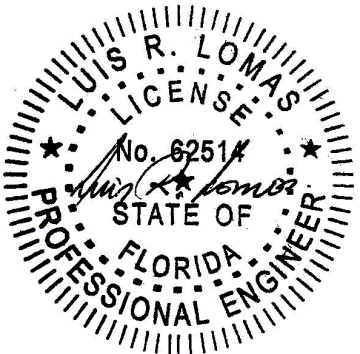
DATE 01/17/13

SHEET 8 OF 8

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