

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	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, 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" WINDOW 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. WINDOW 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 WINDOW 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: COMPOSITE.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 17 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. 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.
14. FOR ANCHORING 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 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:
 - A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER). GROUT FILLED
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
18. APPROVED CONFIGURATIONS: X, X/O, O/X, OX, XO, OX/O, XO/O, XX, XX/O, O/XX, OOX, O/OX, OO/X, OXX, XXO, OXX/O AND O/XXO, OXXO AND O/XX/O SEE SHEETS 2, 3 AND 4.
19. SIDELITES ARE ASSEMBLED TO FRAME WITH #10 X 3" WOOD SCREWS LOCATED 4" FROM EACH END AND 19 1/8" MAX O.C. THEREAFTER AT JAMBS AND 4" FROM EACH END AND ONE AT MIDSPAN AT HEAD AND SILL.

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NAN YA PLASTICS CORPORATION U.S.A.

4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
NOTES

DRAWN:
A.R.

DWG NO.
08-03324

REV
G

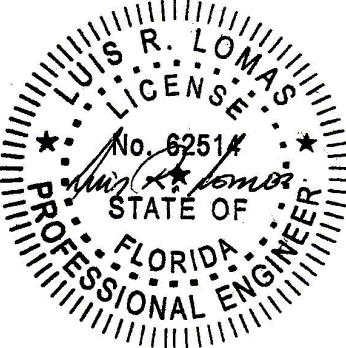
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DATE 09/27/18

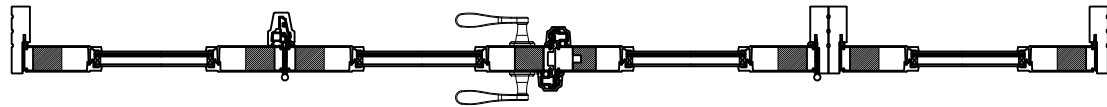
SHEET 1 OF 21

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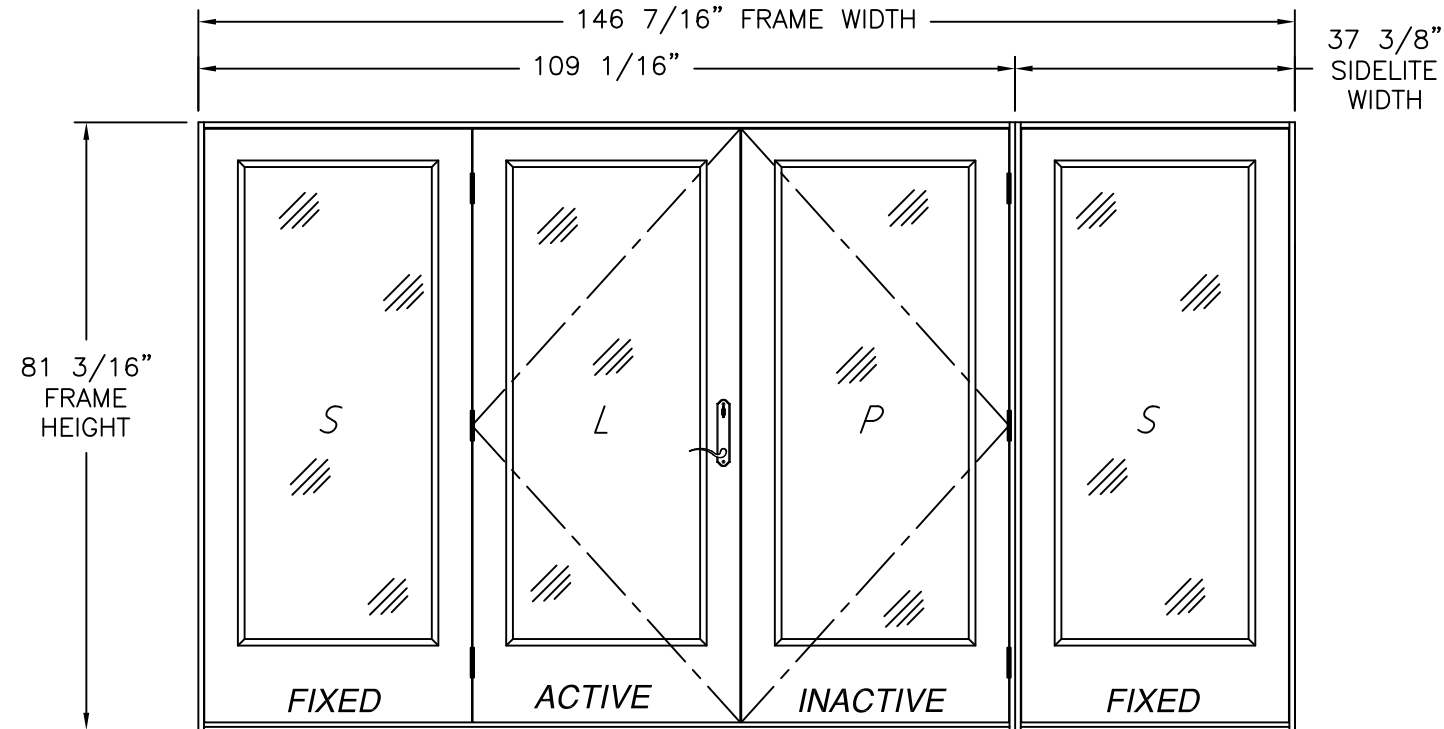
SIGNED: 07/10/2026



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



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REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



- NOTES:
- PANEL SIZE: 35 3/4" X 79 1/4"
 - D.L.O.: 25 " X 63"

APPROVED HARDWARE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F SERIES
	DEADBOLT:	B SERIES
JAM YUANG ENTERPRISES CO., LTD	MULTI-POINT LOCKING SYSTEM	SS930
ENDURA	MULTI-POINT	3000

SLPS PATIO DOOR LITE 6'11" OUT-SWING (OXX/O)

EXTERIOR VIEW
FULL LITE PANELS

WITH STANDARD FRAME

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

WITH STANDARD FRAME AND 1/2" SILL RISER

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

WITH SOFT PVC FRAME WITHOUT SILL RISER

DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

WITH STANDARD FRAME & ENDURA SYSTEM

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

W/STANDARD FRAME, 1/2" SILL RISER & ENDURA SYSTEM

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

W/SOFT PVC FRAME, ENDURA SYSTEM WITHOUT SILL RISER

DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-50.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

(4) PANELS SHOWN, UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

HARDWARE SCHEDULE

A.	HANDLE SETS, AT ACTIVE PANEL
B.	STAINLESS STEEL FLUSH BOLT BAR WITH KEEPER AT PASSIVE PANEL
C.	FLUSH BOLT MECHANISM (DIE CAST, STEEL, POM) AT PASSIVE PANEL
D.	STAINLESS STEEL MULTI-POINT LOCK WITH KEEPERS AT 11 9/16", 40 9/16" & 69 5/8" FROM FRAME HEAD
E.	T ASTRAGAL AT ACTIVE AND PASSIVE PANELS
F.	(3) 4X4 DOOR HINGE AT STILE OF ACTIVE AND PASSIVE PANEL
G.	ALUMINUM REINFORCEMENT (A) AT ASTRAGAL
H.	ALUMINUM MULLION REINFORCEMENT (B) AT INTEGRAL MULLION

NAN YA PLASTICS CORPORATION U.S.A.

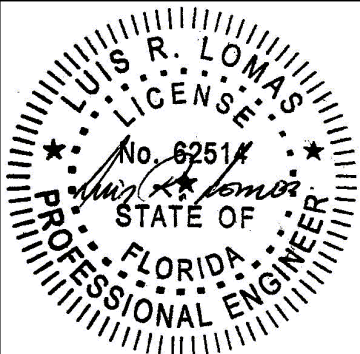
4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
FULL LITE PANELS ELEVATION

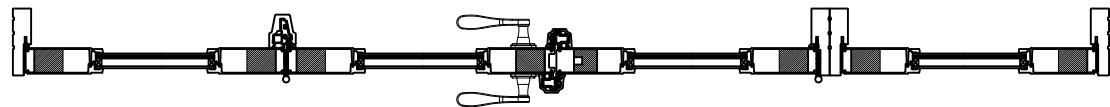
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SCALE NTS	DATE 09/27/18	SHEET 2 OF 21

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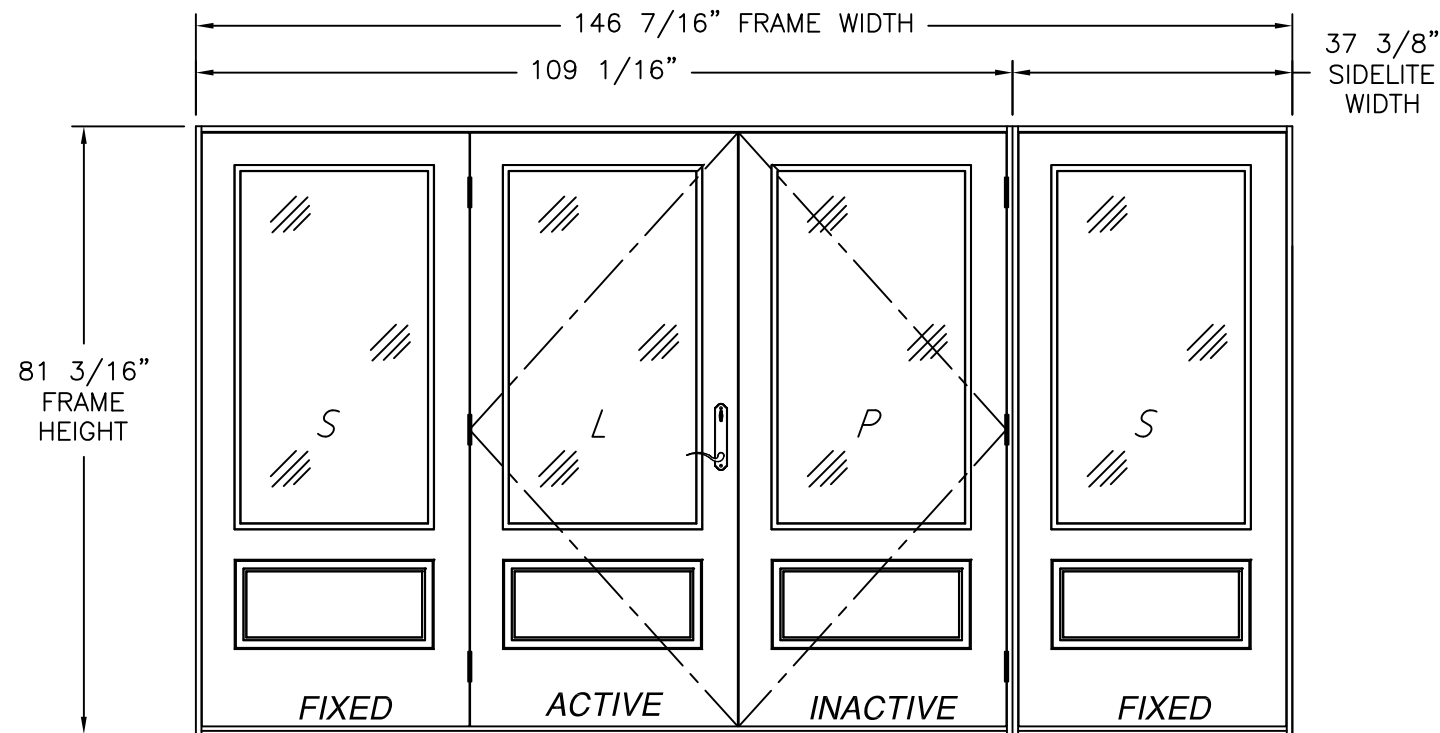
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- NOTES:
- PANEL SIZE: 35 3/4" X 79 1/4"
 - D.L.O.: 25" X 47"

APPROVED HARDWARE		
MANUFACTURER	MODEL	
Kwikset	Knob:	Signature Series
	Deadbolt:	Signature Series (980)
Schlage	Knob:	F Series
	Deadbolt:	B Series
Jam Yuang Enterprises Co., Ltd	Multi-Point Locking System	SS930
Endura	Multi-Point	3000

SLPS PATIO DOOR LITE 6'11" OUT-SWING (OXX/O)
EXTERIOR VIEW, 3/4 LITE PANELS

WITH STANDARD FRAME	
DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH STANDARD FRAME AND 1/2" SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH SOFT PVC FRAME WITHOUT SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH STANDARD FRAME & ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

W/STANDARD FRAME, 1/2" SILL RISER & ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

W/SOFT PVC FRAME, ENDURA SYSTEM WITHOUT SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

(4) PANELS SHOWN, UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

HARDWARE SCHEDULE	
A.	HANDLE SETS, AT ACTIVE PANEL
B.	STAINLESS STEEL FLUSH BOLT BAR WITH KEEPER AT PASSIVE PANEL
C.	FLUSH BOLT MECHANISM (DIE CAST, STEEL, POM) AT PASSIVE PANEL
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F.	(3) 4X4 DOOR HINGE AT STILE OF ACTIVE AND PASSIVE PANEL
G.	ALUMINUM REINFORCEMENT (A) AT ASTRAGAL
H.	ALUMINUM MULLION REINFORCEMENT (B) AT INTEGRAL MULLION

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4016 SHADRACK ST.
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SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
3/4 PANELS ELEVATION

DRAWN:
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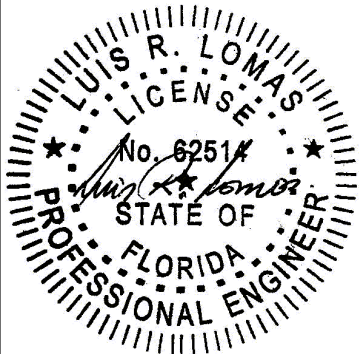
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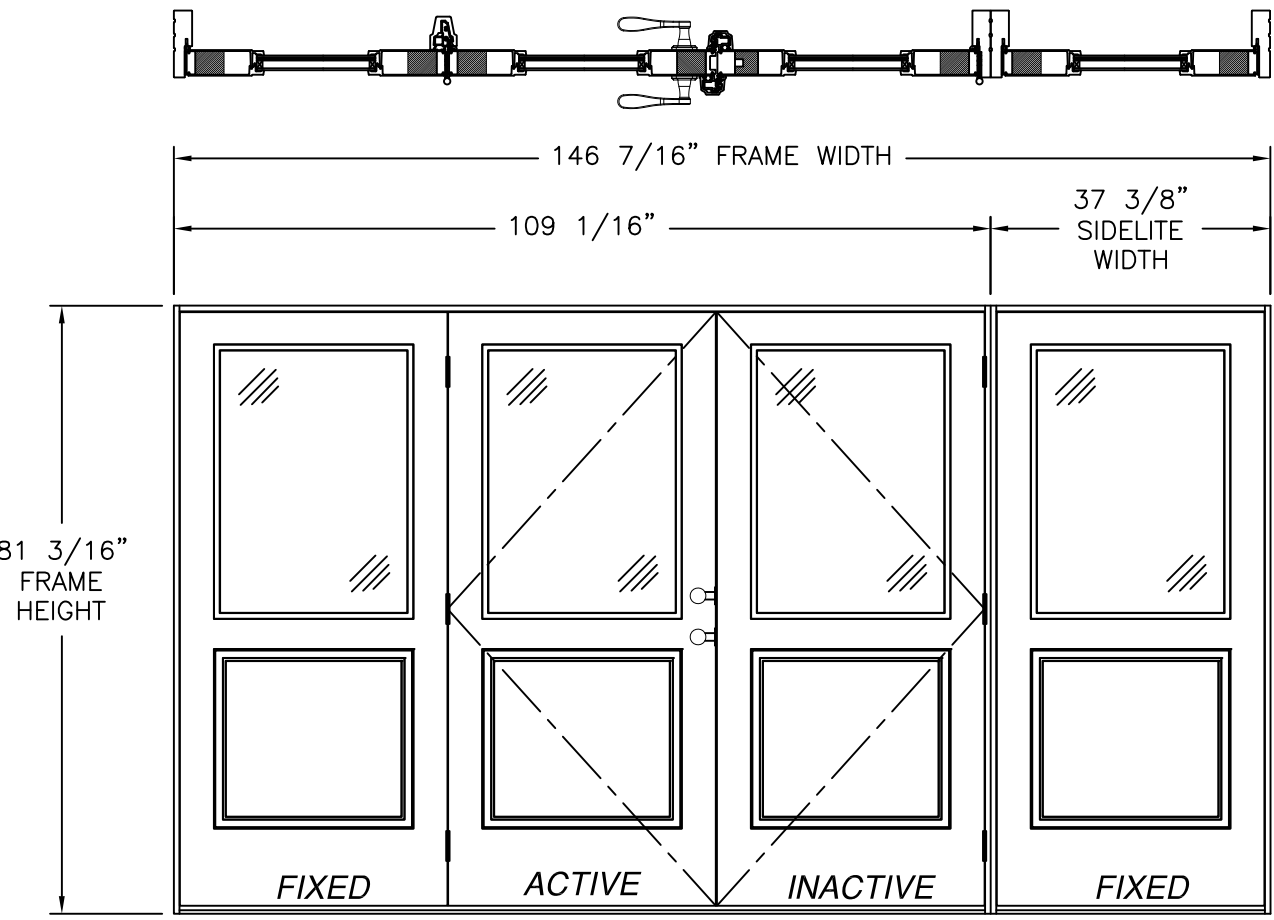
SHEET
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Endura	Multi-Point	3000

SLPS PATIO DOOR LITE 6'11" OUT-SWING (OXX/O)
EXTERIOR VIEW, 1/2 LITE PANELS

WITH STANDARD FRAME	
DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH STANDARD FRAME AND 1/2" SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH SOFT PVC FRAME WITHOUT SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-60.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

WITH STANDARD FRAME & ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

W/STANDARD FRAME, 1/2" SILL RISER & ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

W/SOFT PVC FRAME, ENDURA SYSTEM WITHOUT SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

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HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
1/2 PANELS ELEVATION

DRAWN:
A.R.

DWG NO.
08-03324

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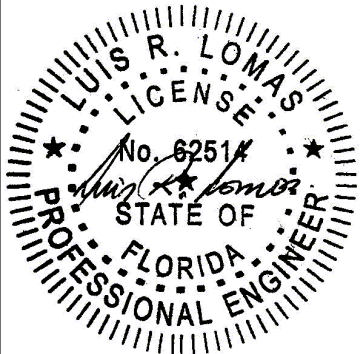
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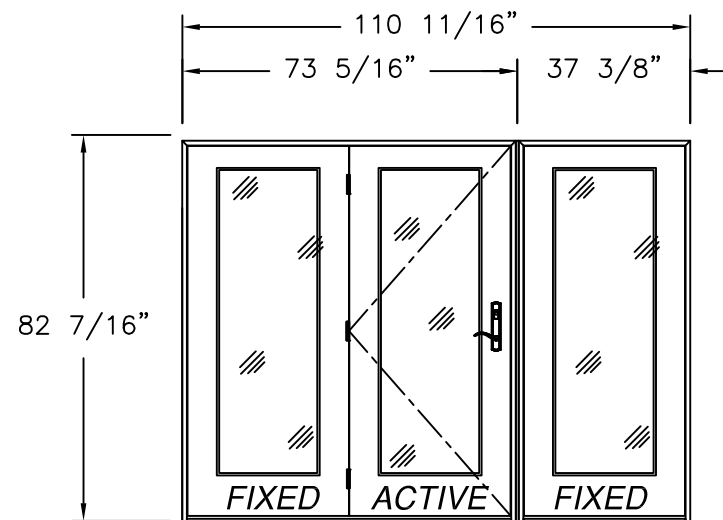
SHEET
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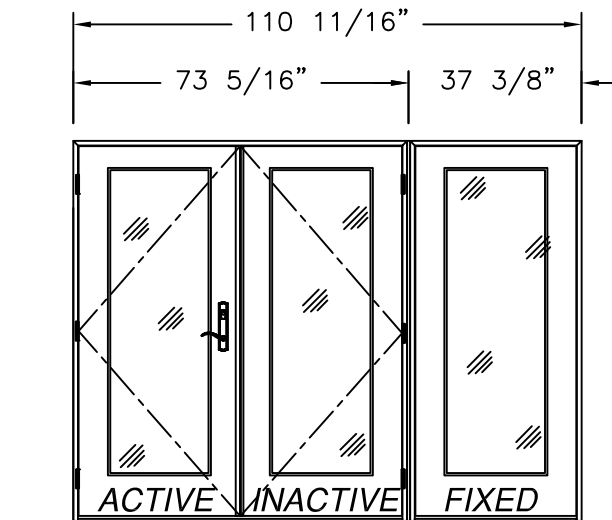
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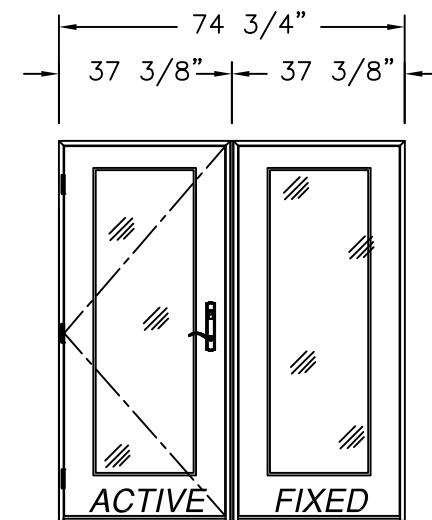
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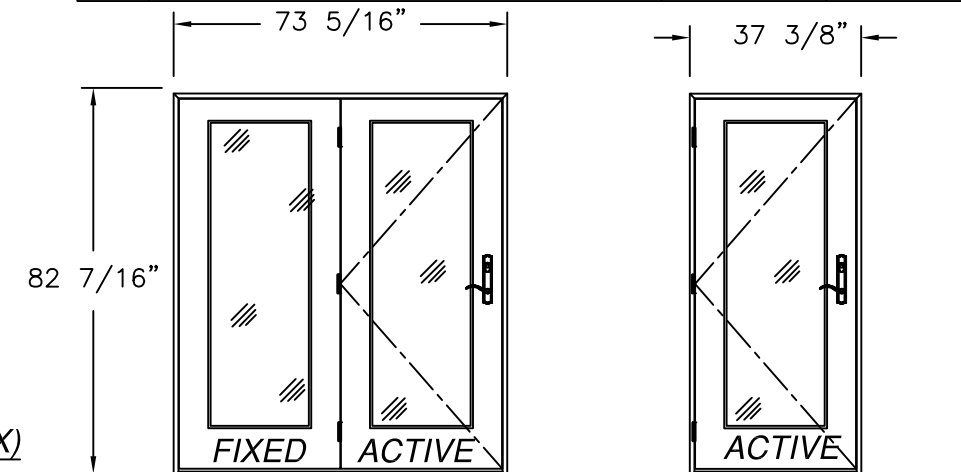
SINGLE W/SIDELITE MULL. (OX/O, O/XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



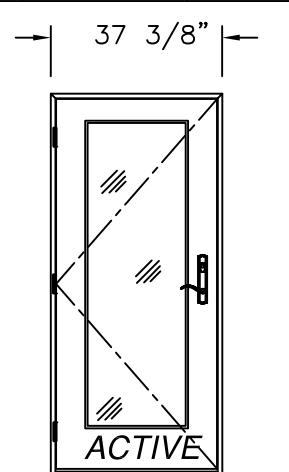
DOUBLE W/SIDELITE MULL. (XX/O, O/XX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



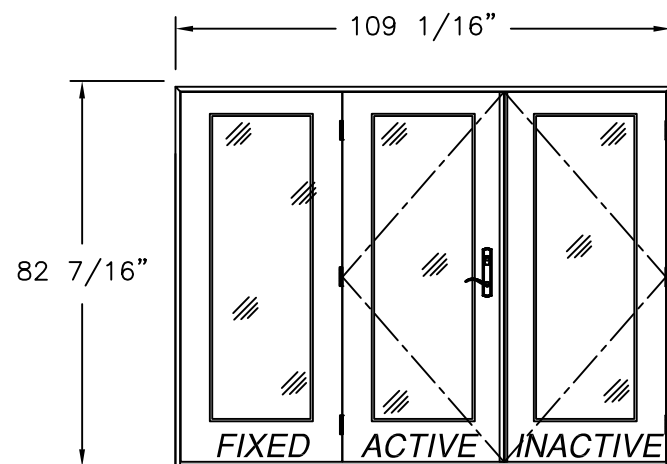
SINGLE W/SIDELITE MULL. (X/O, O/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



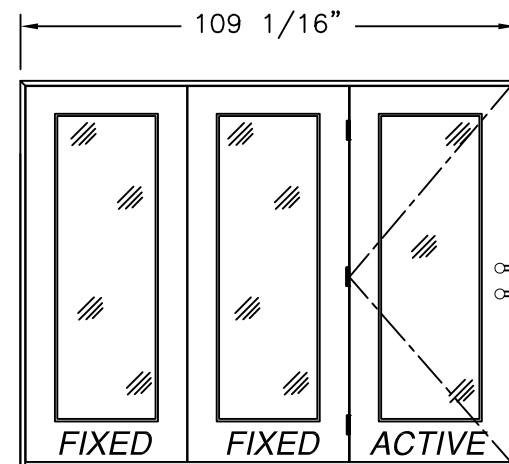
SINGLE W/SIDELITE (OX, XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



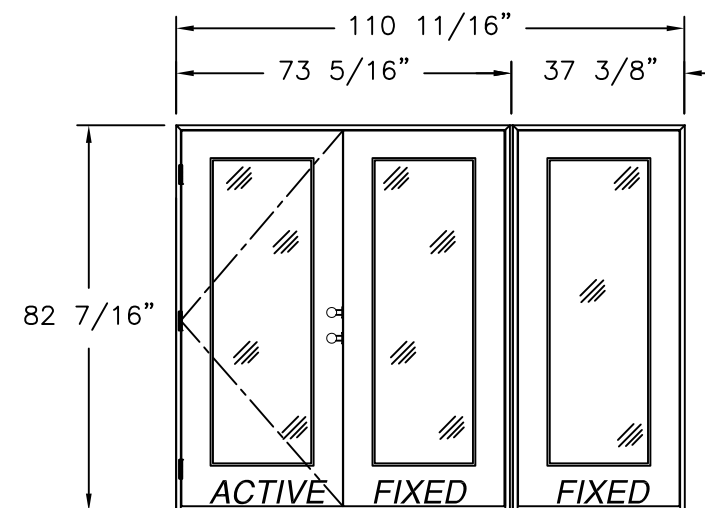
SINGLE (X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



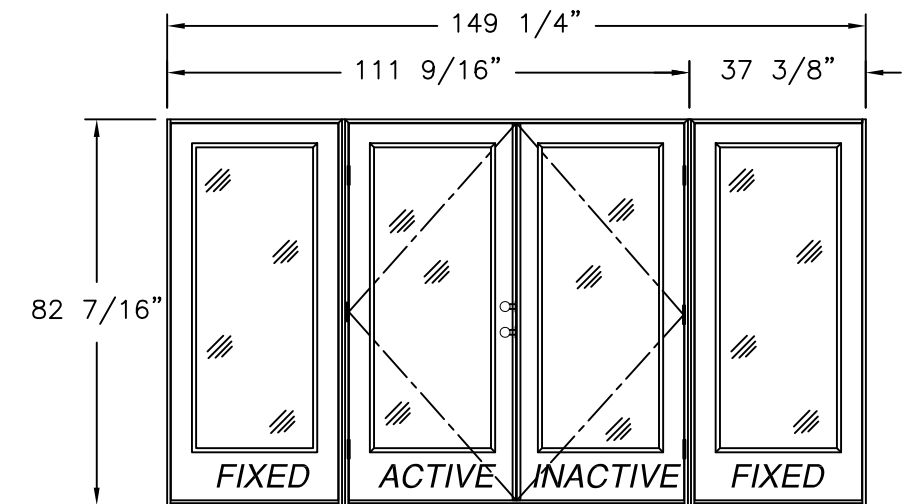
DOUBLE W/SIDELITE (OXX, XXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



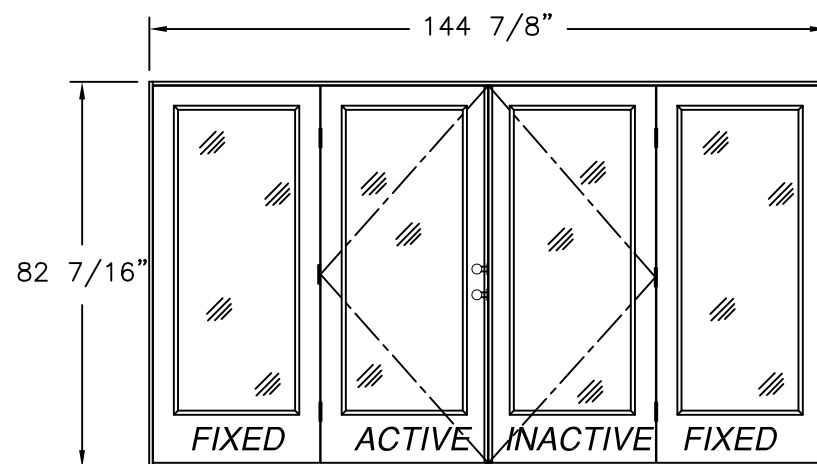
SINGLE W/SIDELITES (OOX, XOO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



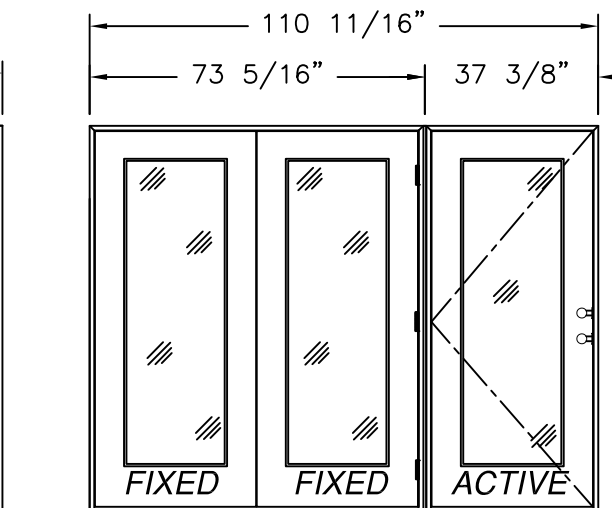
SINGLE W/SIDELITES MULL. (XO/O, O/OX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



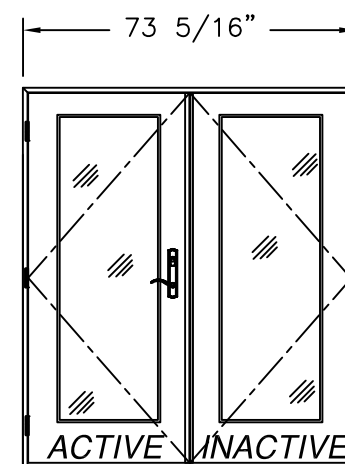
DOUBLE W/SIDELITES MULL. (O/XX/O)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



DOUBLE W/SIDELITE (OXXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



SINGLE W/SIDELITES MULL. (OO/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



DOUBLE (XX)
EXTERIOR VIEW

NOTE:
ALL APPROVED CONFIGURATIONS ARE SHOWN AS LEFT
HAND ACTIVE, RIGHT HAND ACTIVE IS ALSO APPROVED.

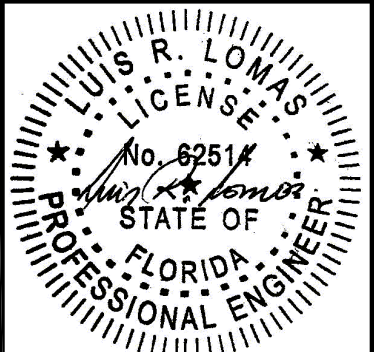
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4016 SHADRACK ST.
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SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
APPROVED CONFIGURATIONS

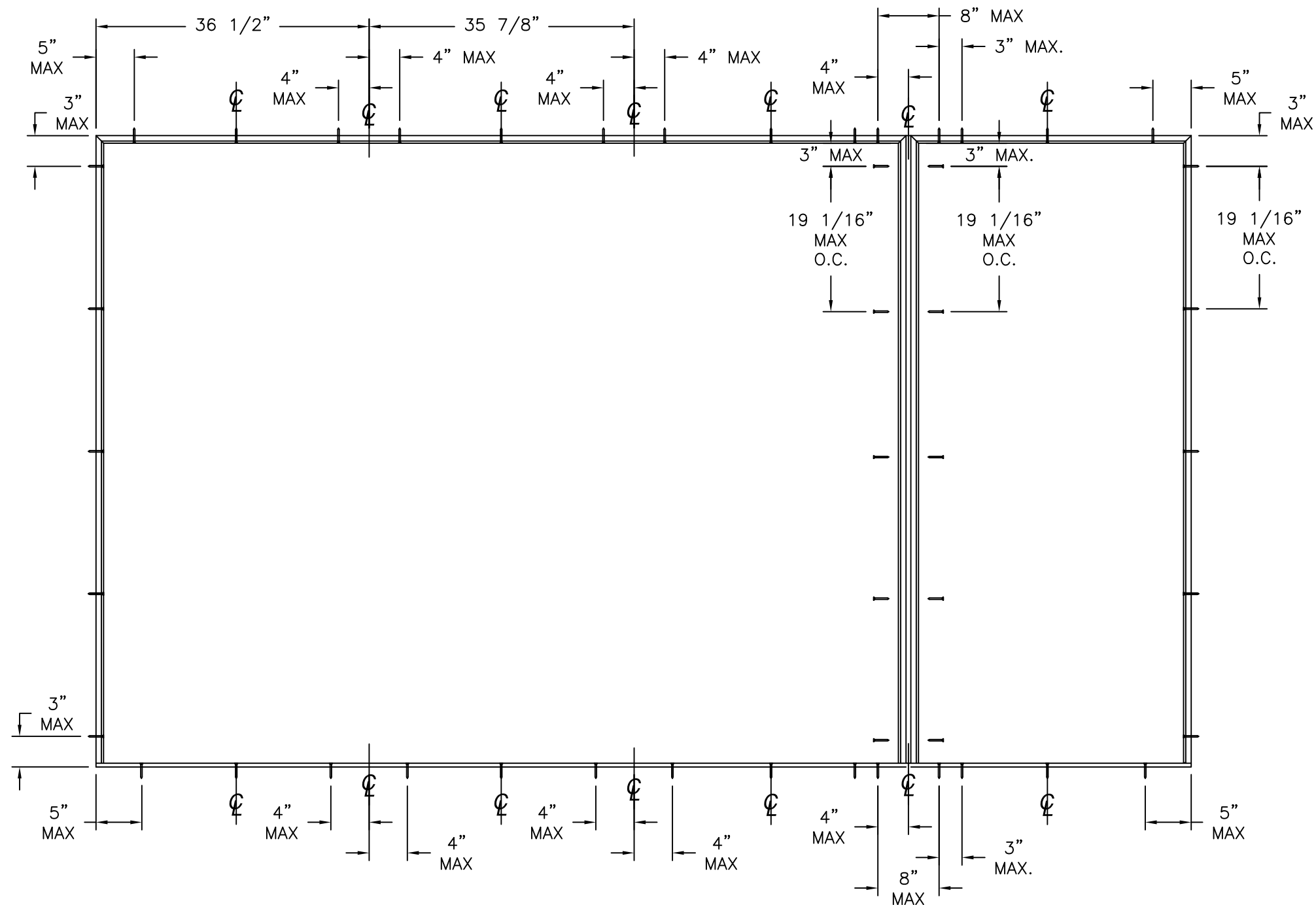
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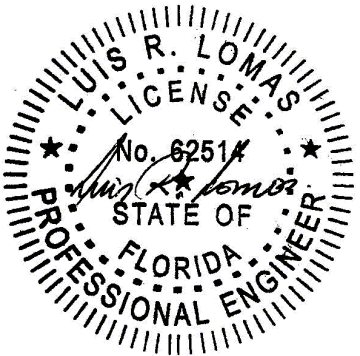
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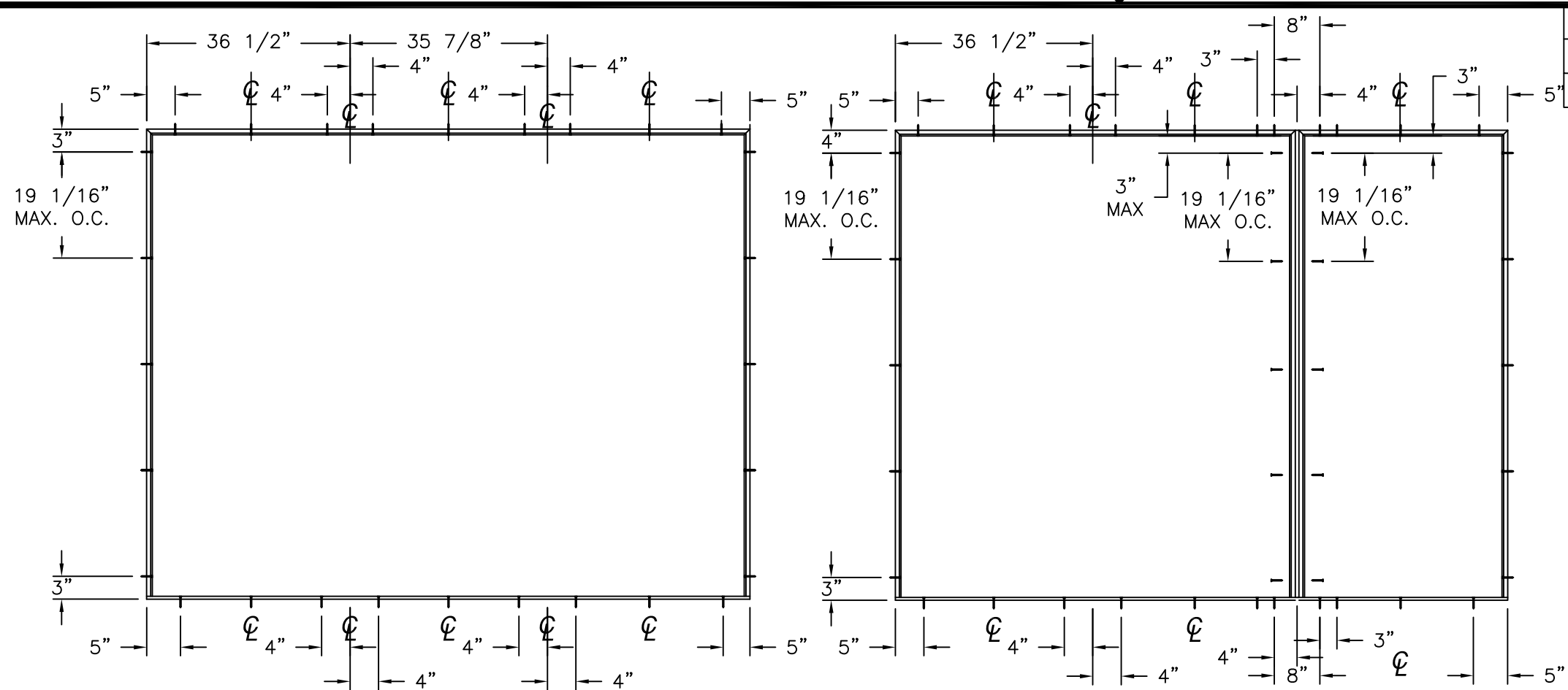
ANCHORING LAYOUT

SIGNED: 07/10/2026

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SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT - HVHZ ANCHORING LAYOUT		
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 6 OF 21
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

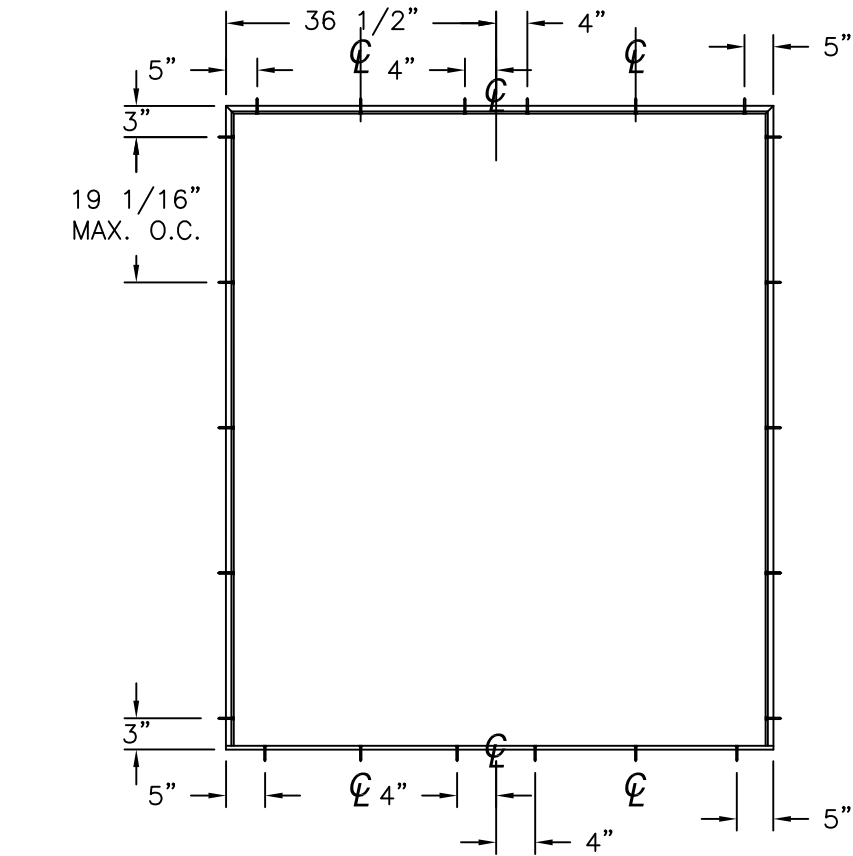


Luis R. Lomas P.E.
FL No.: 62514

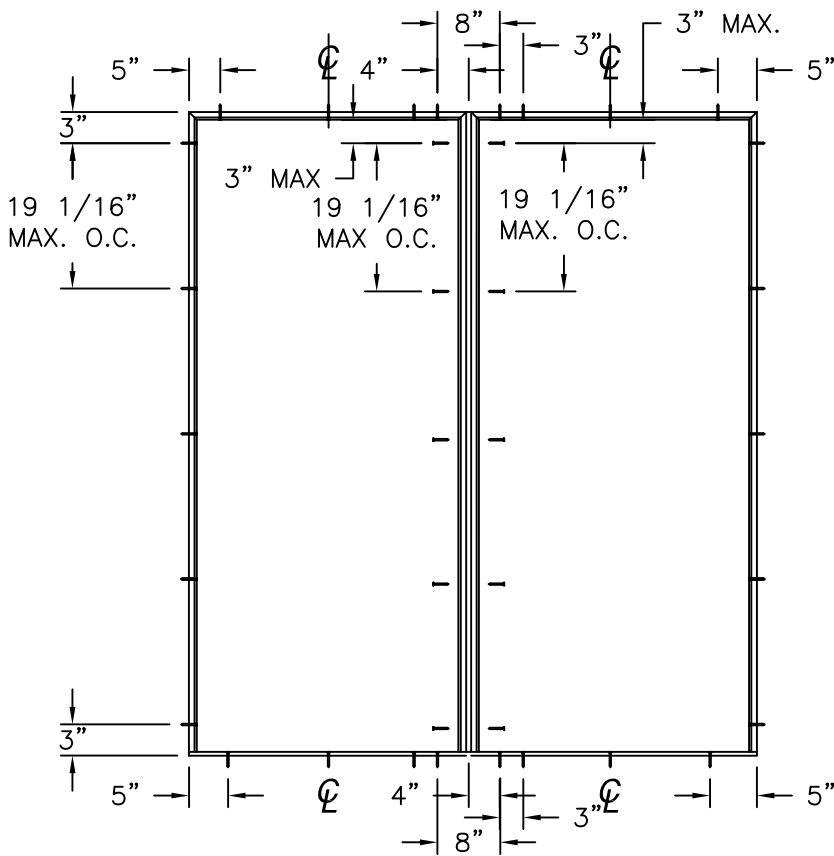


ANCHORING LAYOUT FOR OXO, XXO AND OXX

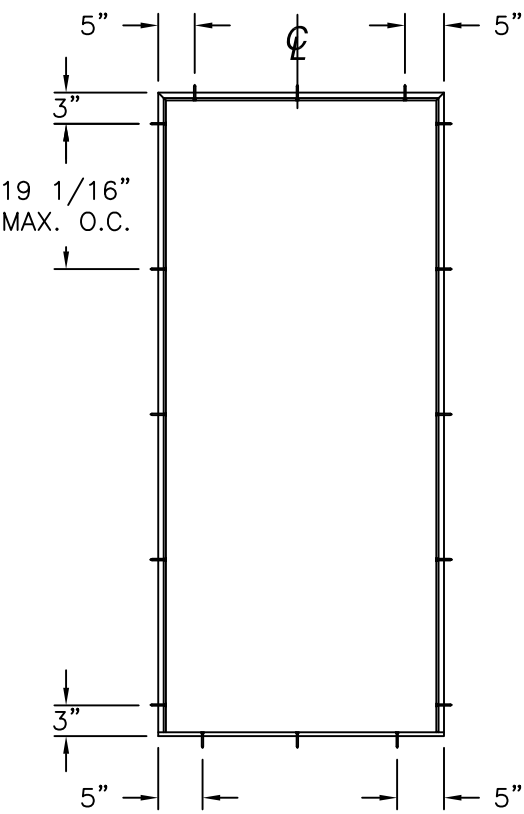
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)



ANCHORING LAYOUT FOR X

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

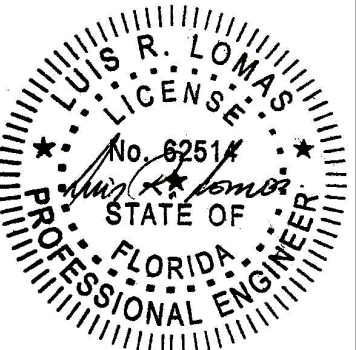
NAN YA PLASTICS CORPORATION U.S.A.
4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
ANCHORING LAYOUTS

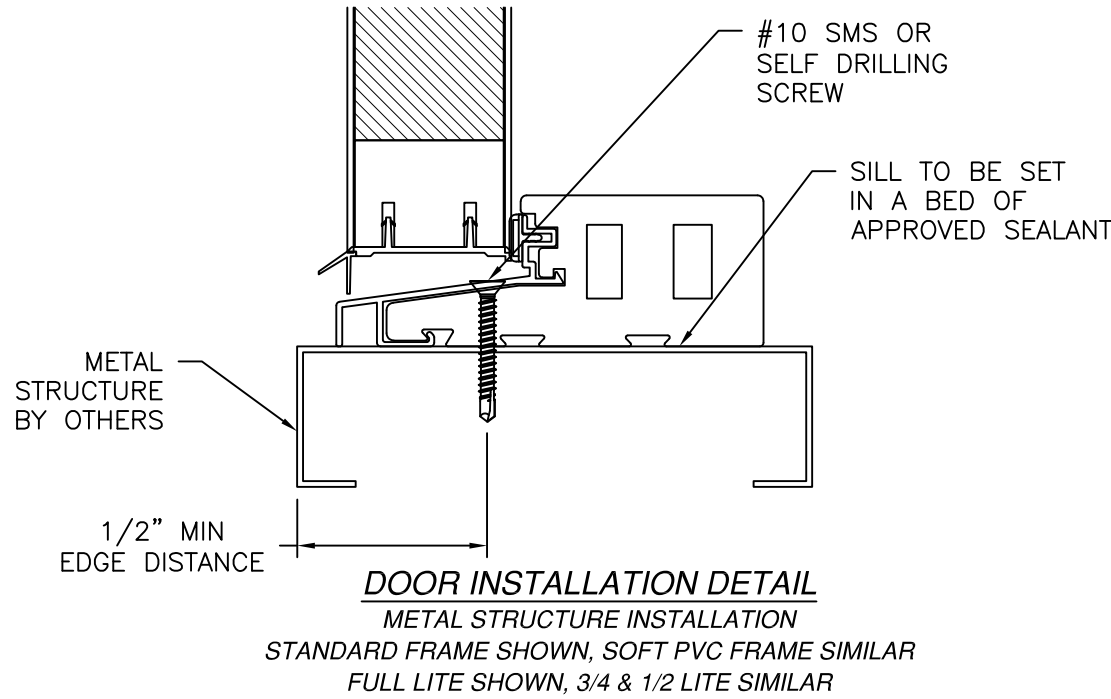
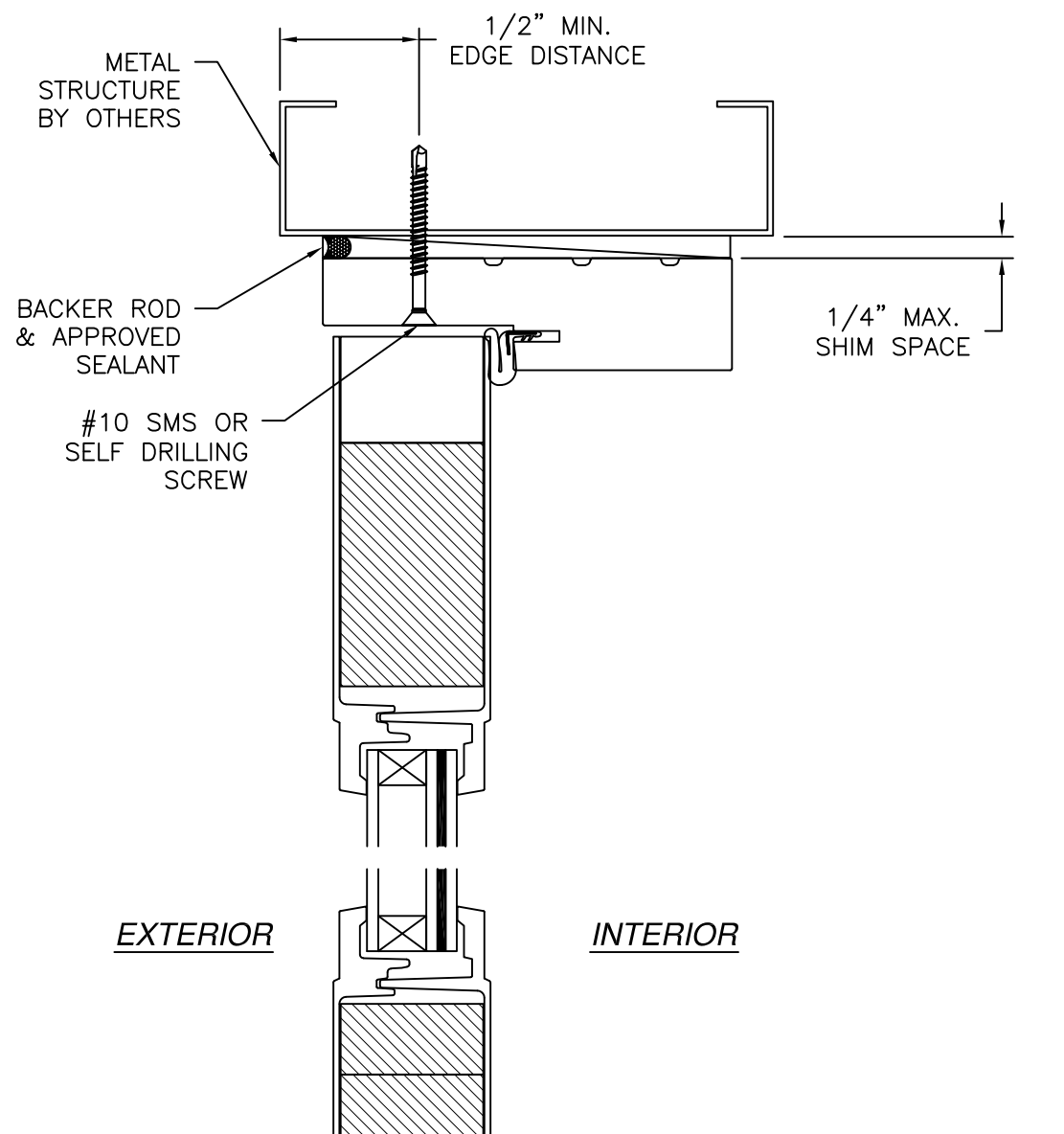
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 7 OF 21

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

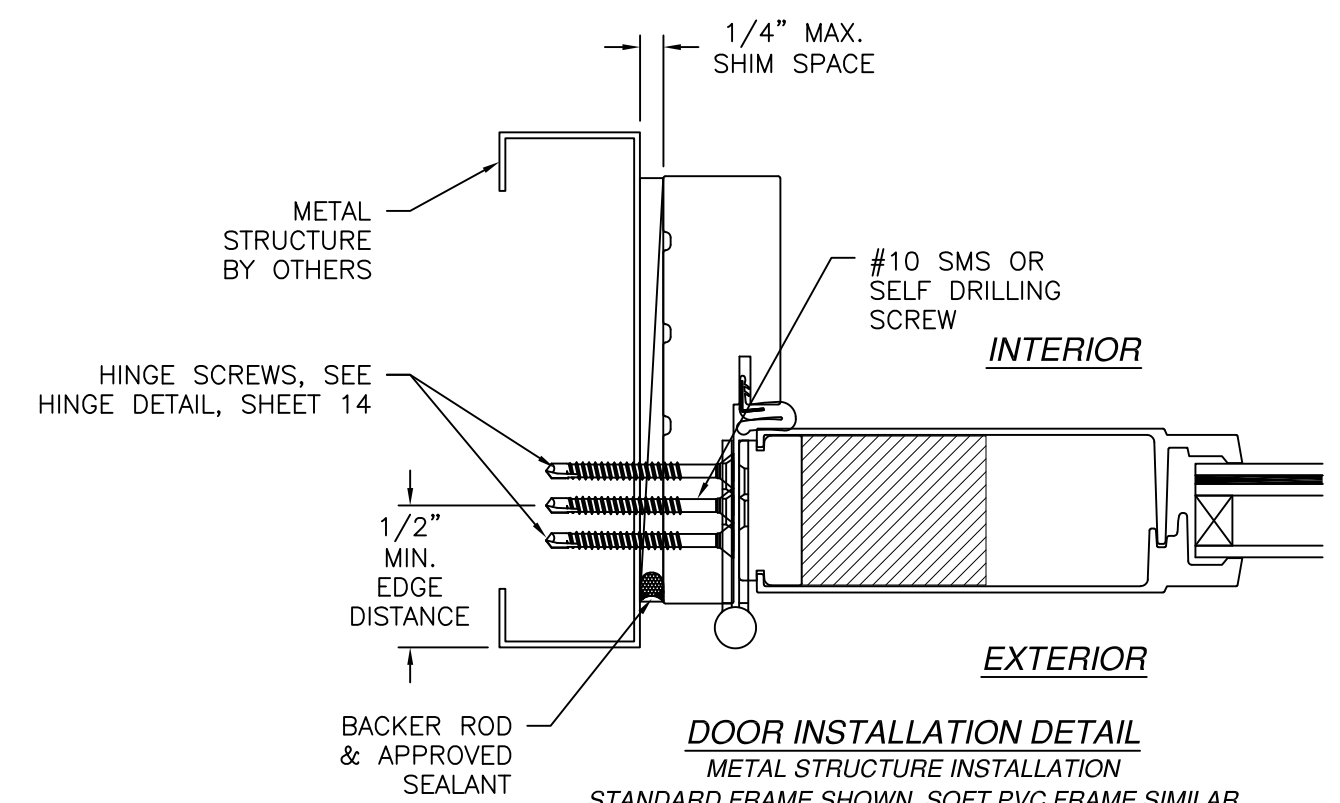
SIGNED: 07/10/2026



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



- 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: 07/10/2026

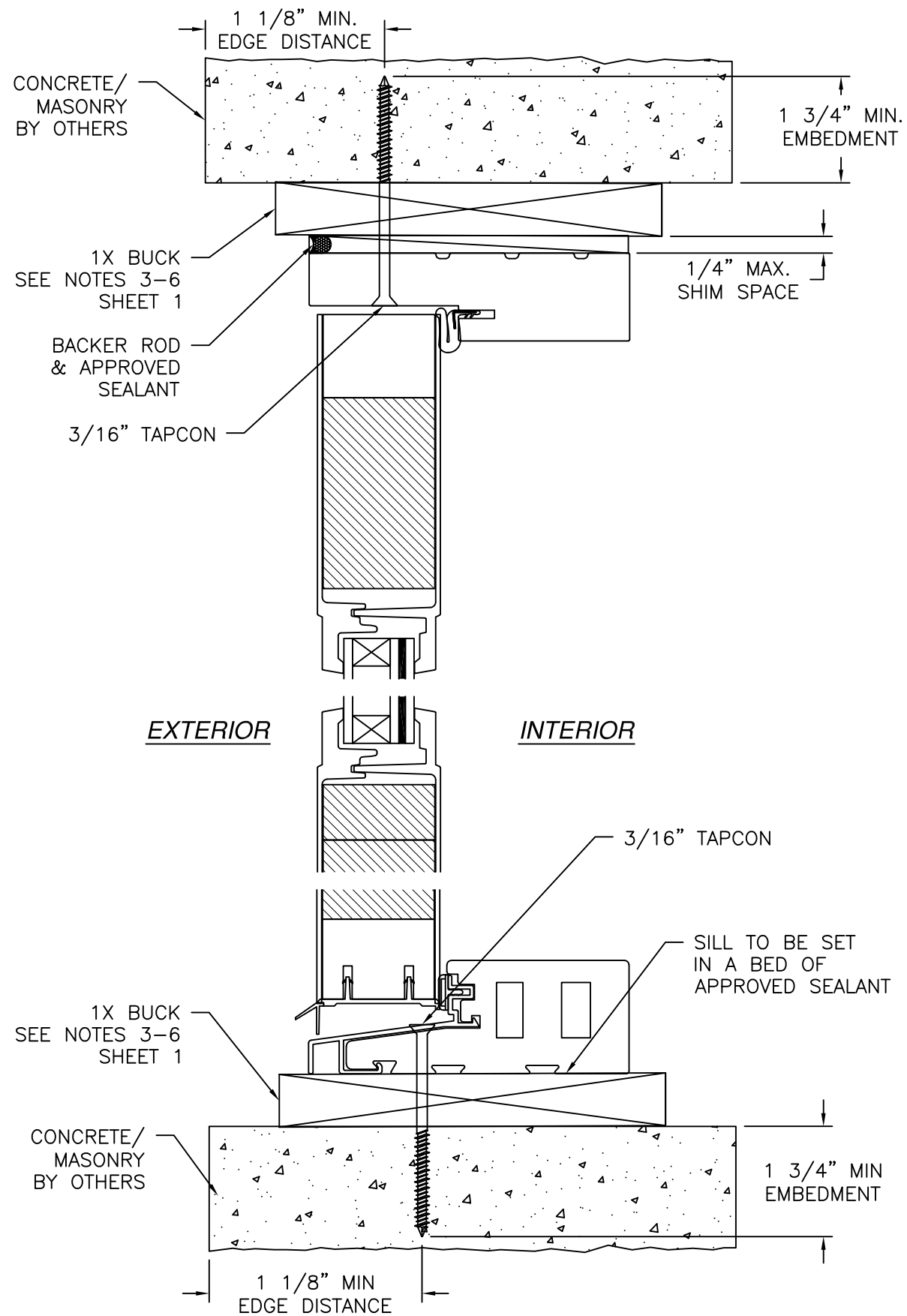
NAN YA PLASTICS CORPORATION U.S.A.
4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
DOOR INSTALLATION DETAILS

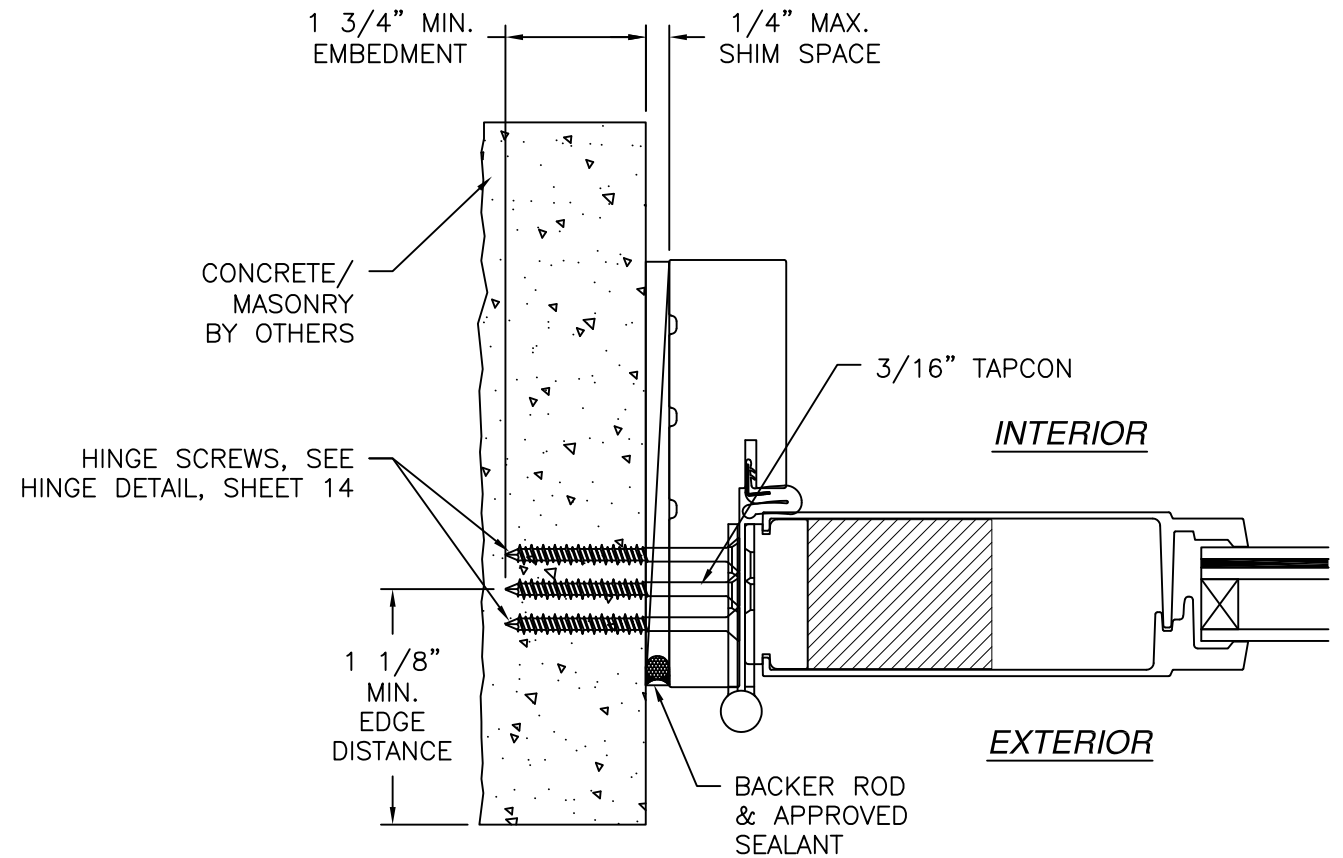
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 9 OF 21

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

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



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- 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

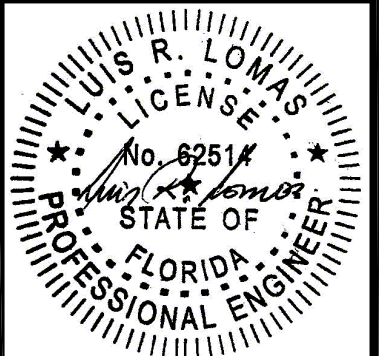
NAN YA PLASTICS CORPORATION U.S.A.
 4016 SHADRACK ST.
 HOUSTON, TX 77013

**SLPS PATIO DOOR LITE 6'11" OUT-SWING
 LARGE MISSILE IMPACT - HVHZ
 DOOR INSTALLATION DETAILS**

DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 10 OF 21

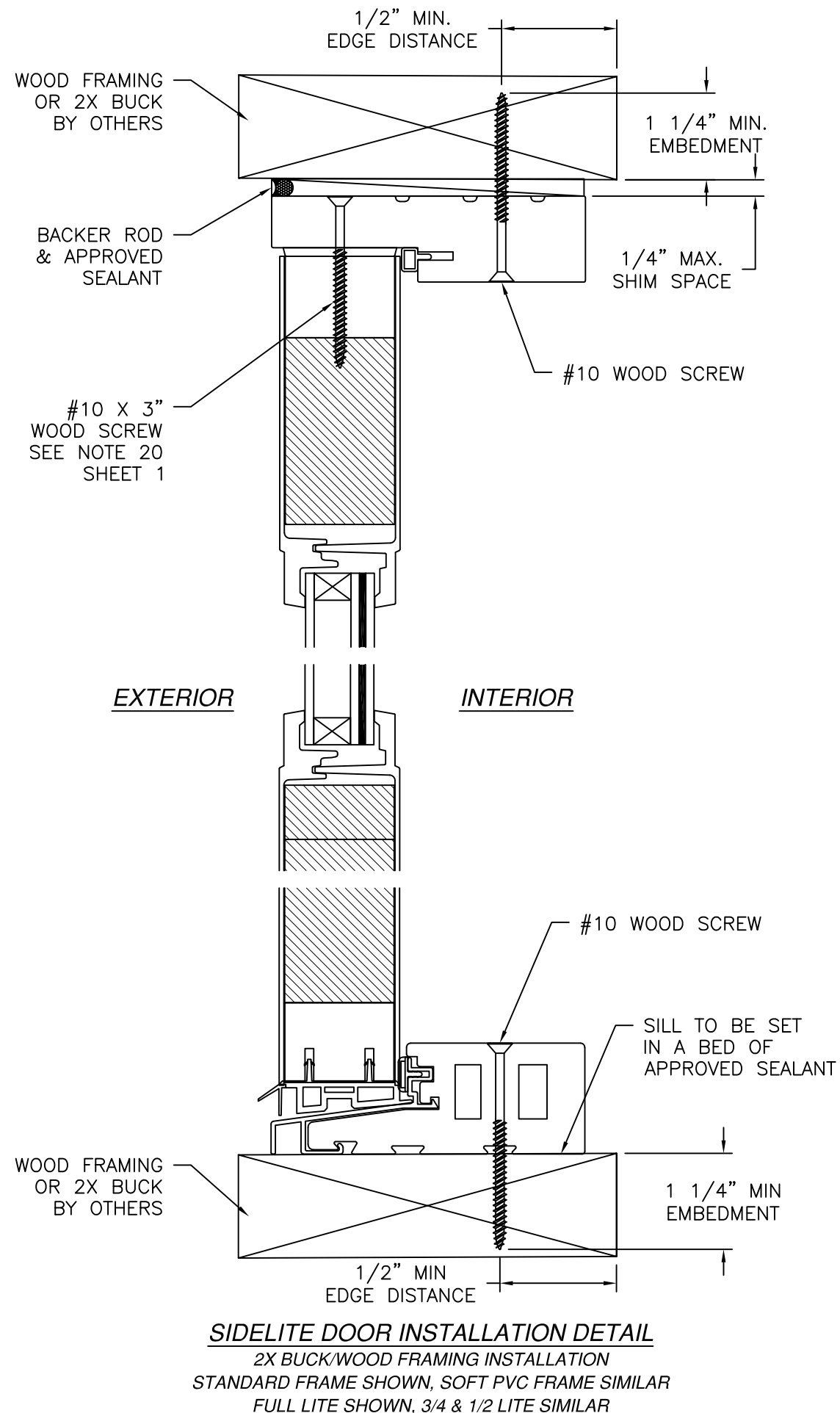
L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/10/2026

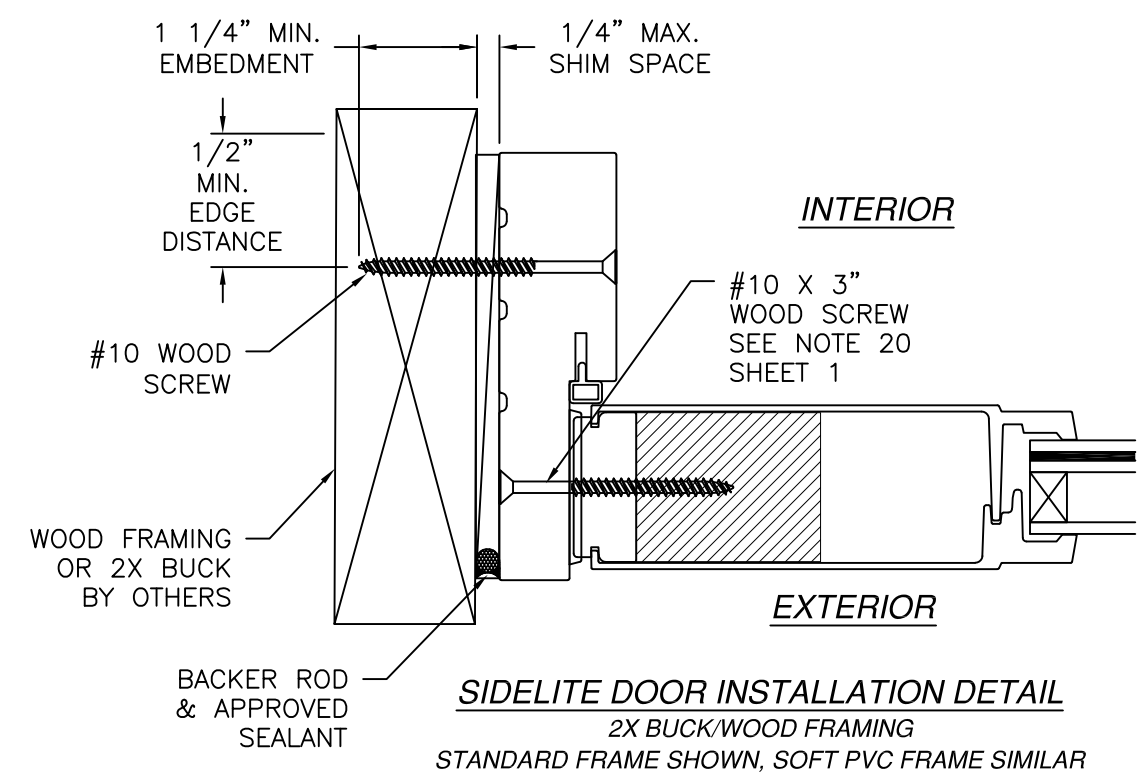


Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

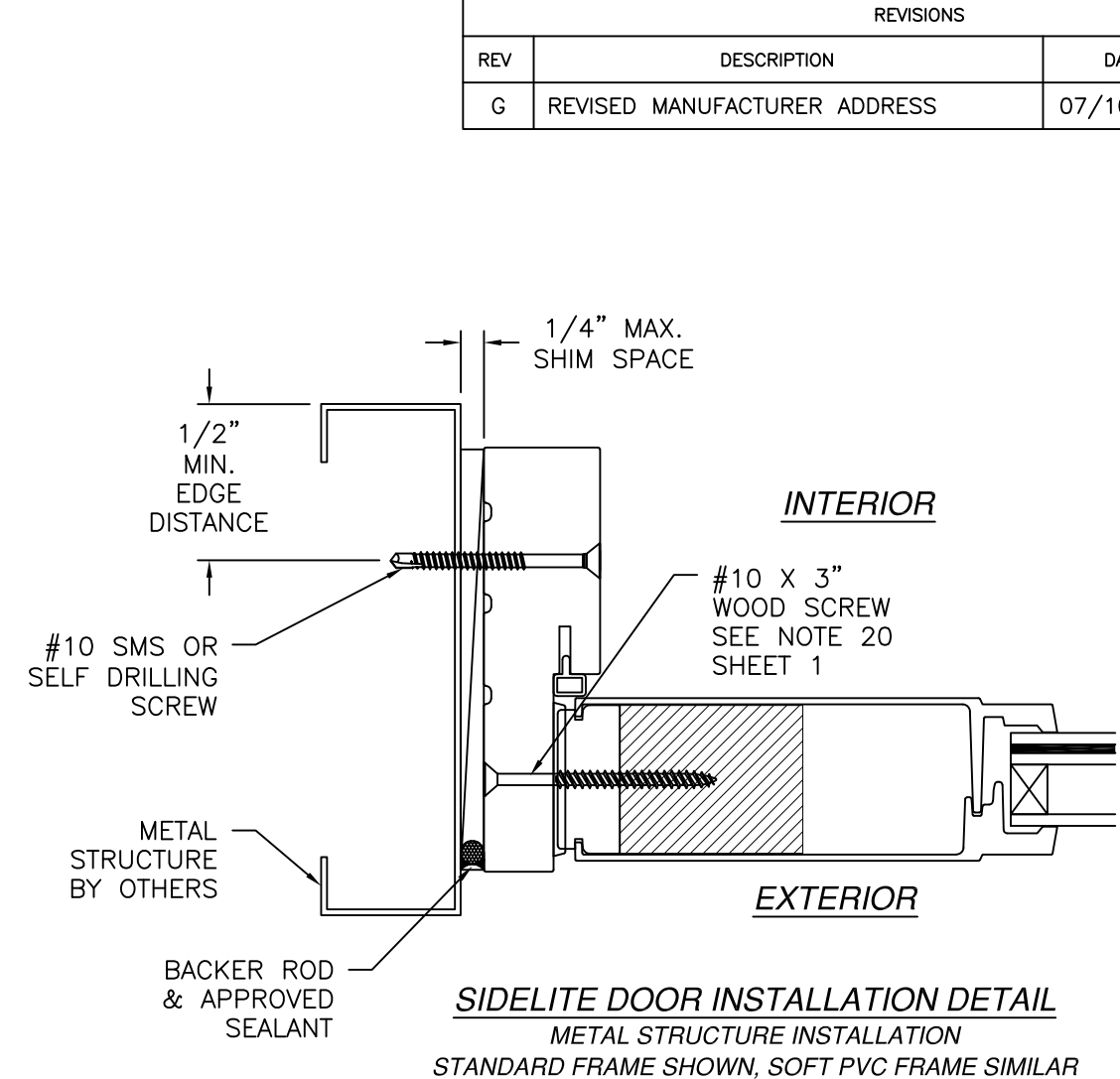
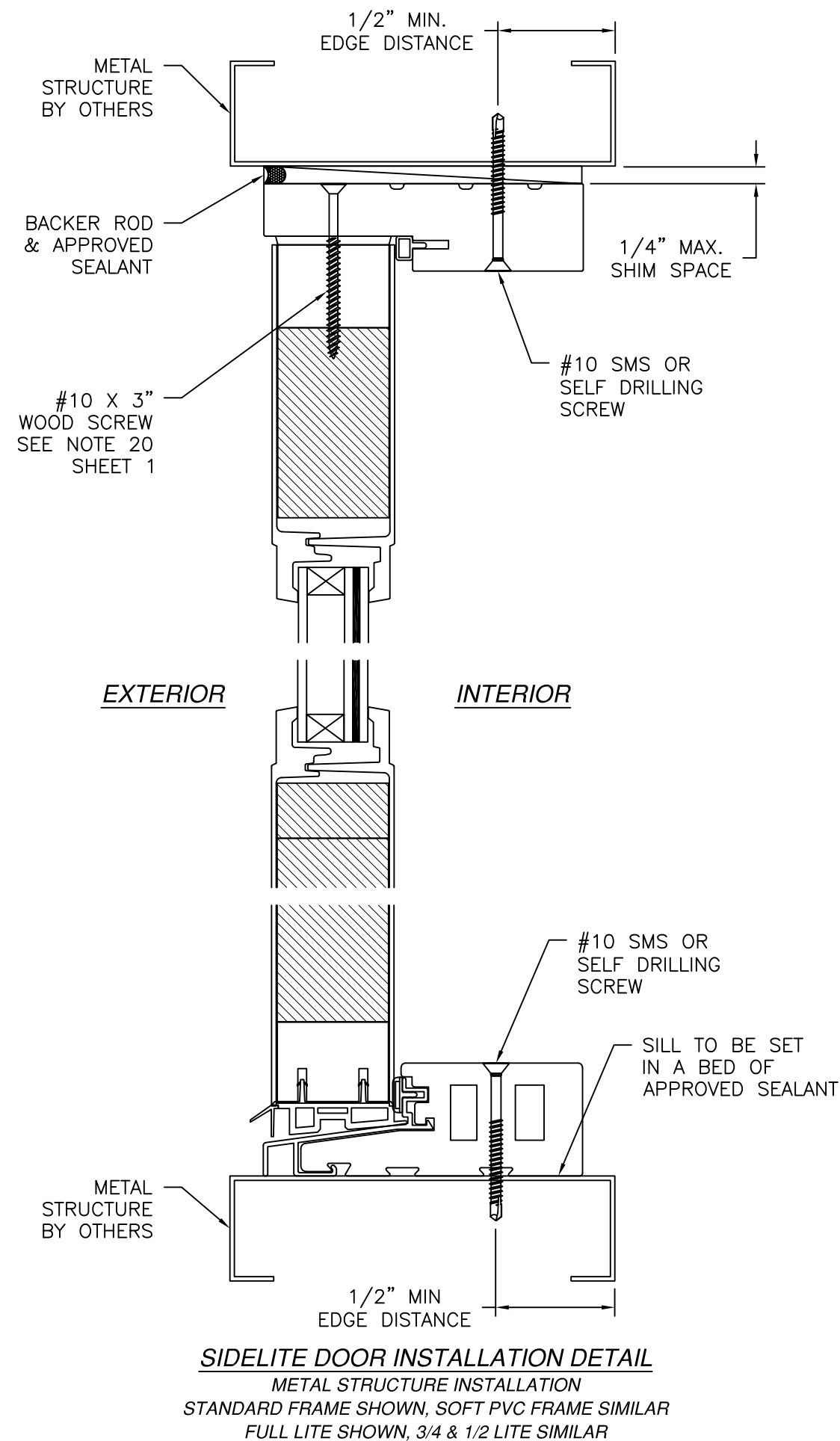


- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 07/10/2026

NAN YA PLASTICS CORPORATION U.S.A. 4016 SHADRACK ST. HOUSTON, TX 77013		
SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT - HVHZ SIDELITE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 11 OF 21
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

Professional Engineer Seal for Luis R. Lomas, State of Florida, License No. 62514.

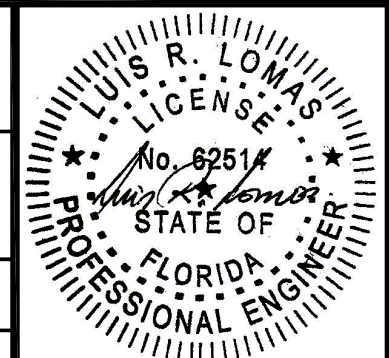


- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

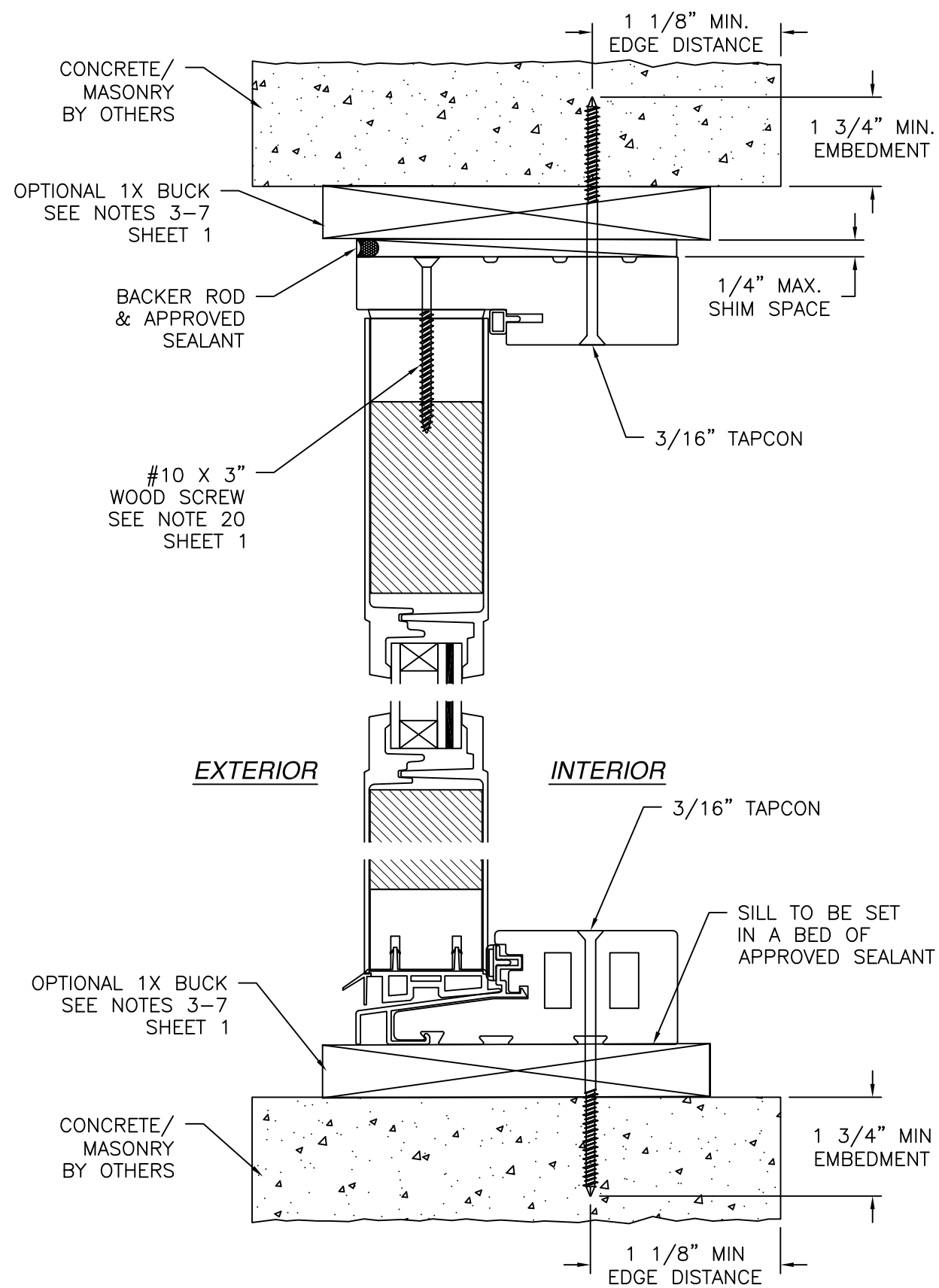
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

NAN YA PLASTICS CORPORATION U.S.A. 4016 SHADRACK ST. HOUSTON, TX 77013		
SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT - HVHZ SIDELITE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 12 OF 21
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

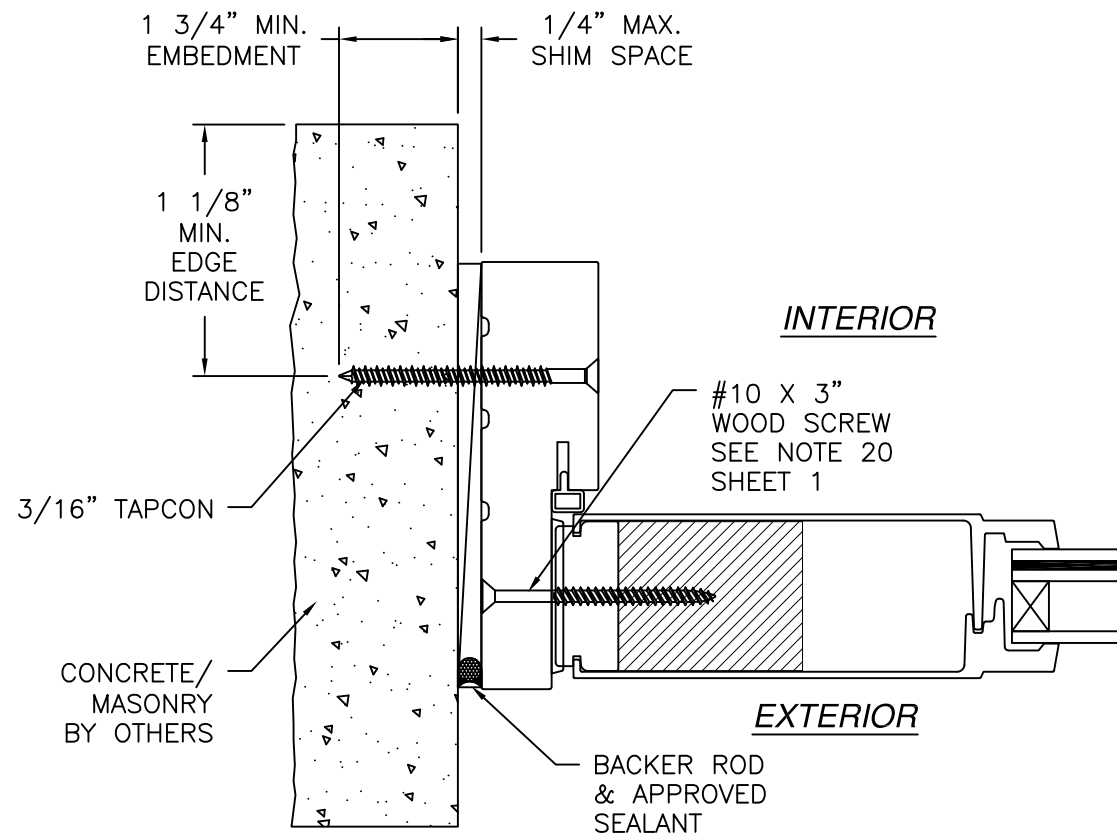
SIGNED: 07/10/2026



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



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- 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
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

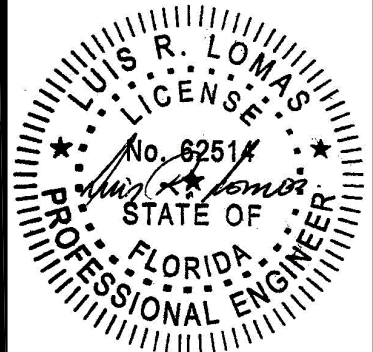
NAN YA PLASTICS CORPORATION U.S.A.
 4016 SHADRACK ST.
 HOUSTON, TX 77013

**SLPS PATIO DOOR LITE 6'11" OUT-SWING
 LARGE MISSILE IMPACT - HVHZ
 SIDELITE INSTALLATION DETAILS**

DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 13 OF 21

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

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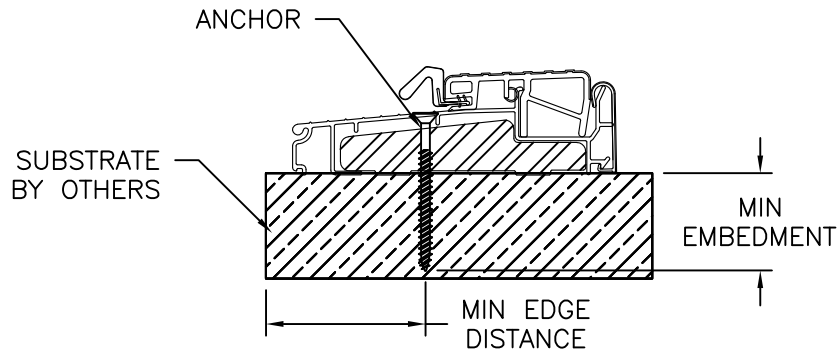


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 FL No.: 62514

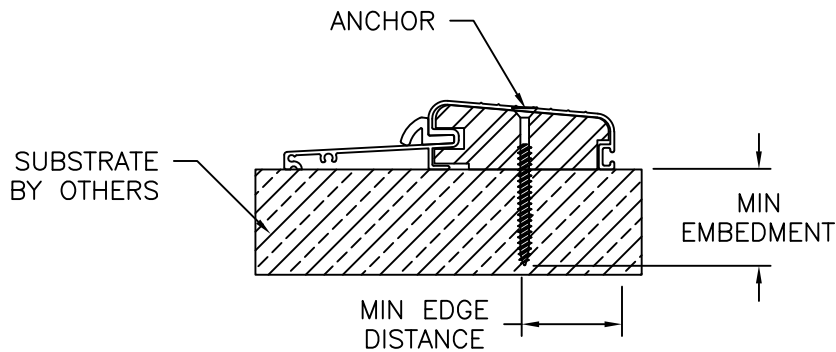
SILLS ANCHORS LOCATIONS

FOR ANCHOR TYPE, EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REFER TO SHEETS 8 - 13
SILLS TO BE SET IN A BED OF APPROVED SEALANT

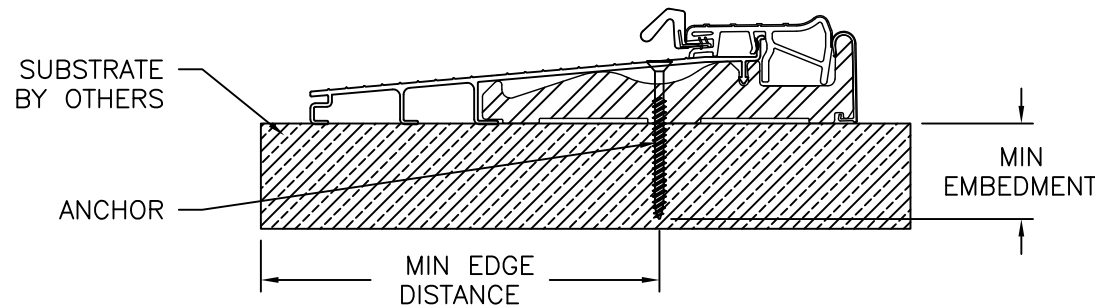
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REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



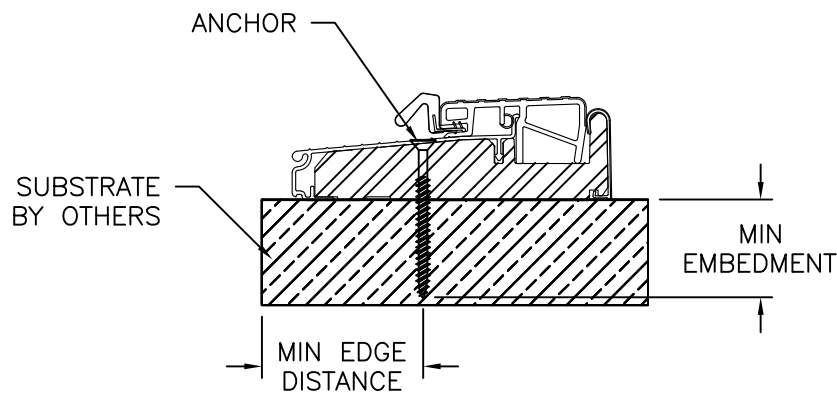
ENDURA THRESHOLD ZOBL4565



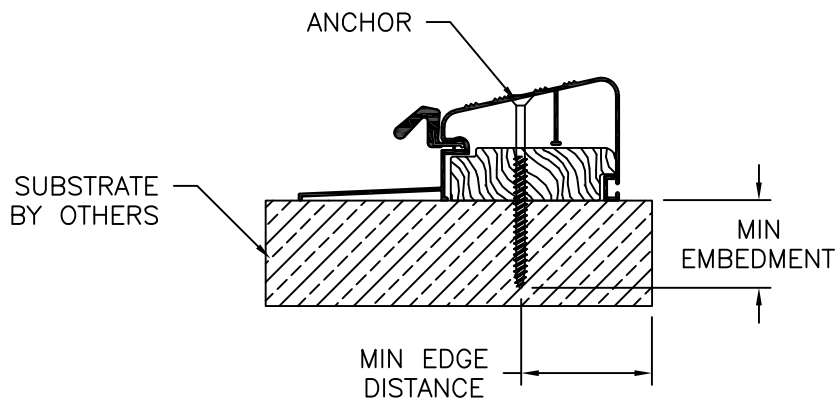
COLUMBIA THRESHOLD 575



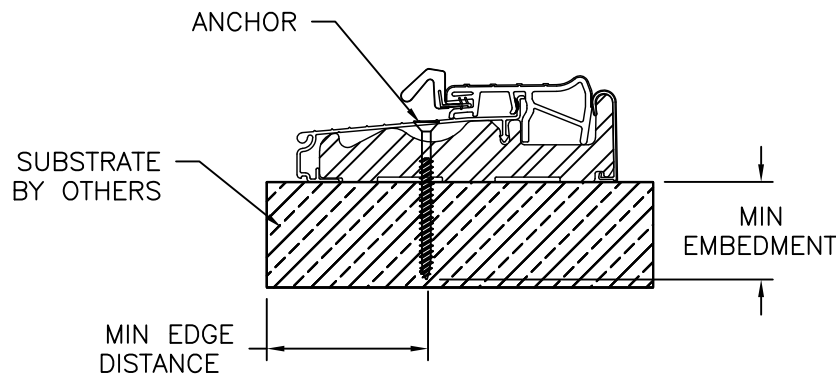
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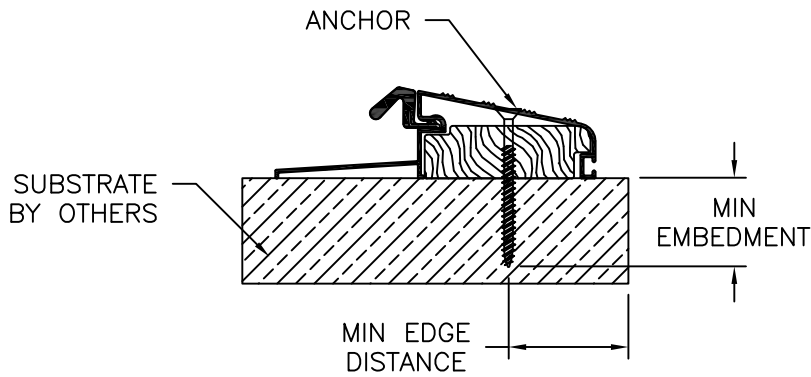
ENDURA THRESHOLD ZOB4565FN



DLP THRESHOLD QOSR



ENDURA THRESHOLD ZOBLH4565



DLP THRESHOLD QOSH

NAN YA PLASTICS CORPORATION U.S.A.

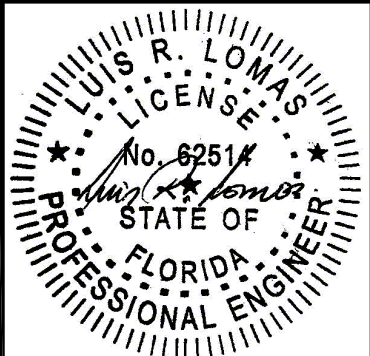
4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 14 OF 21

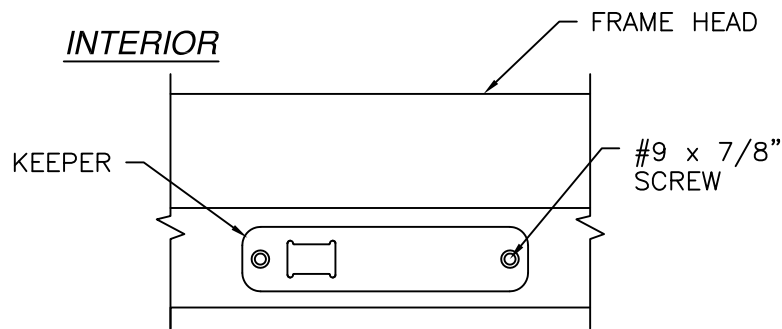
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/10/2026

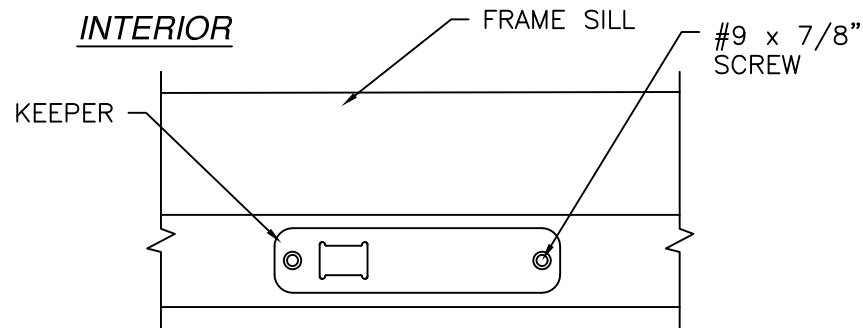


Luis R. Lomas P.E.
FL No.: 62514

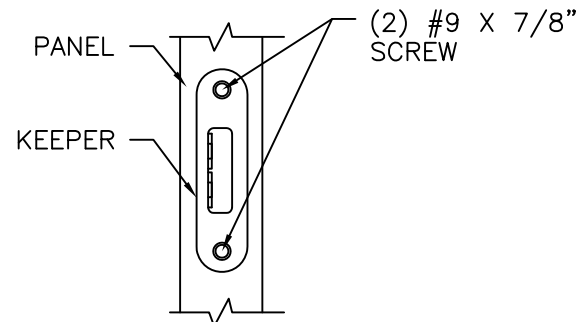
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



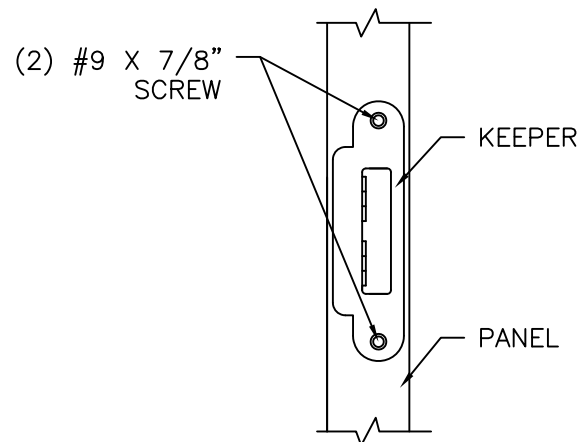
EXTERIOR
HEAD KEEPER DETAIL



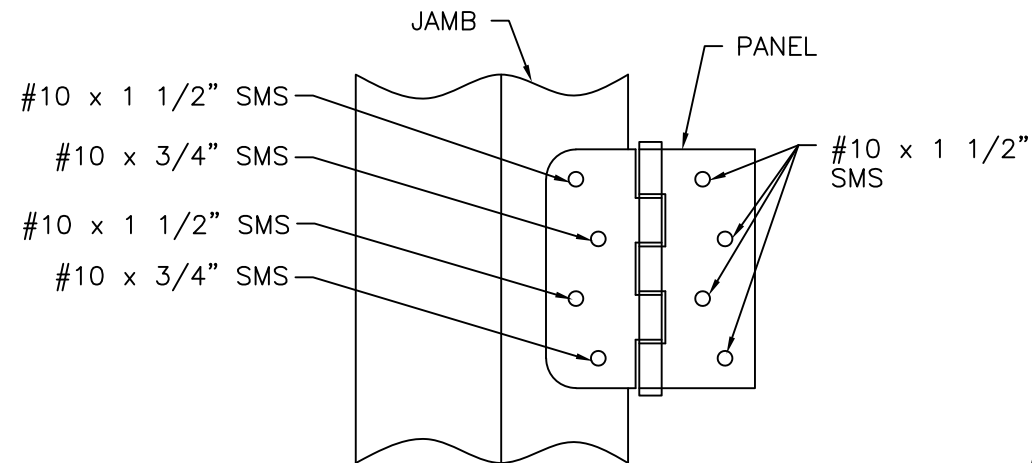
EXTERIOR
SILL KEEPER DETAIL



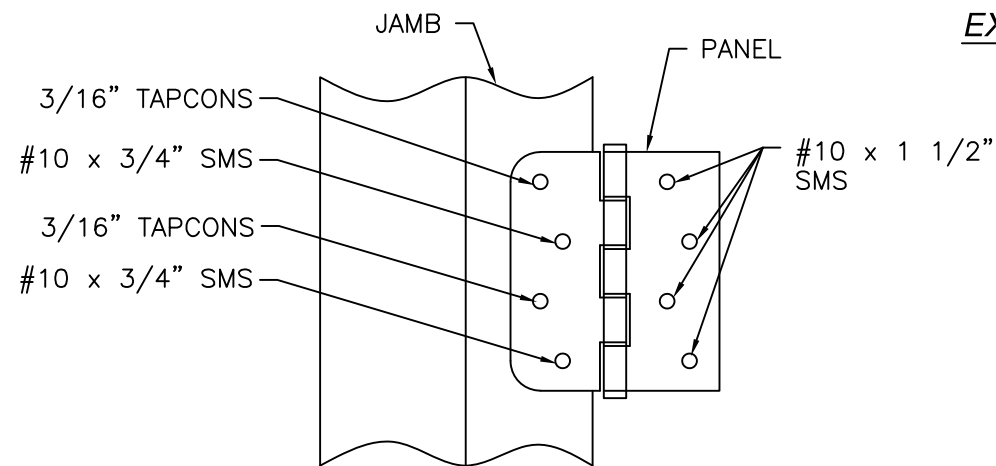
HOOK KEEPER DETAIL



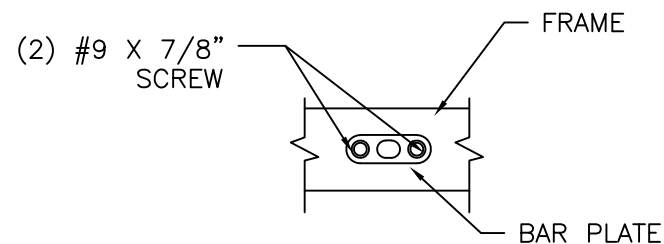
SLAB MULTI-POINT
LOCK KEEPER DETAIL



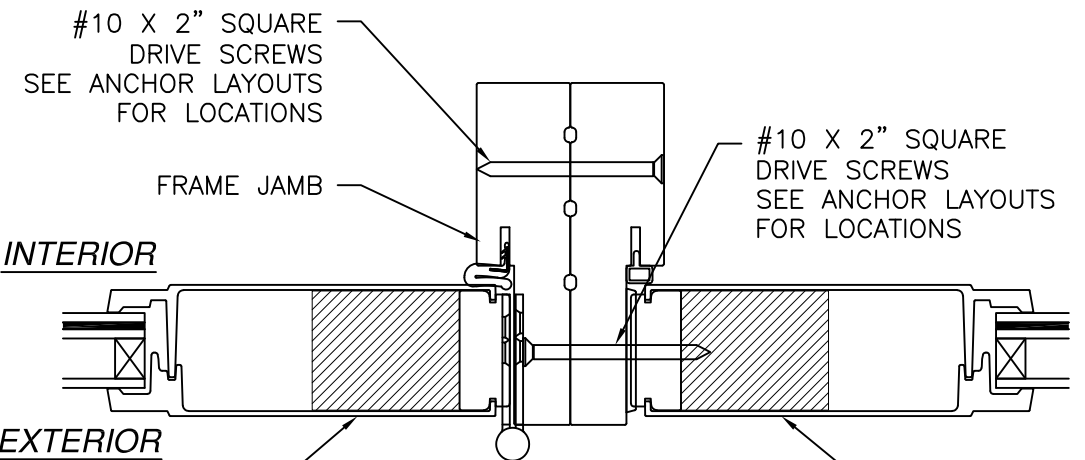
HINGE INSTALLATION DETAIL
WOOD AND METAL INSTALLATION



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION



DRIVE BAR PLATE DETAIL



MULLION DETAIL
DOOR ANCHORS SCREWS, NOT SHOWN FOR CLARITY
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR

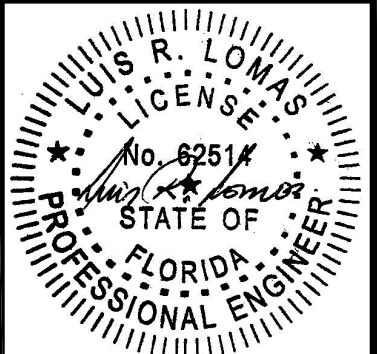
NAN YA PLASTICS CORPORATION U.S.A.
4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 15 OF 21

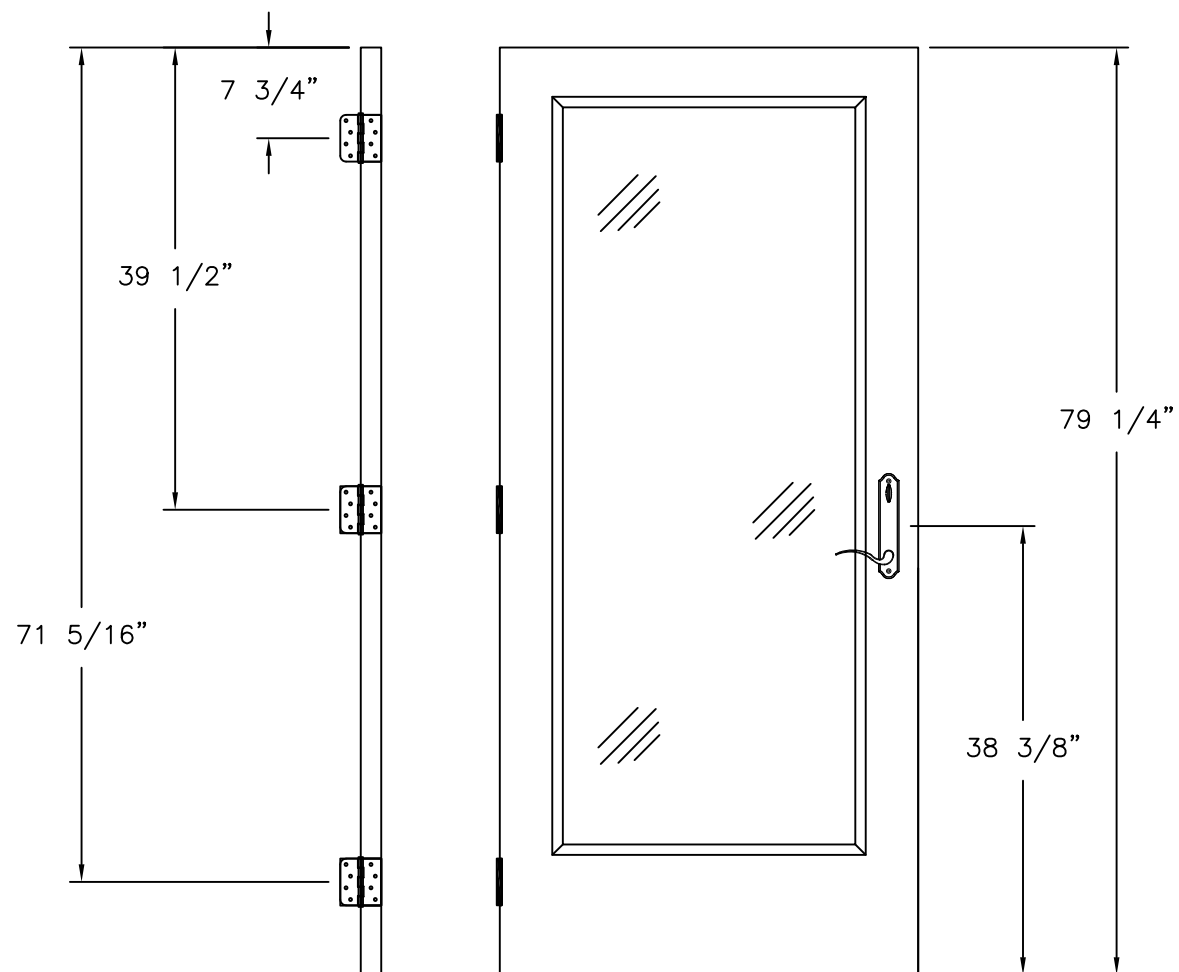
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/10/2026

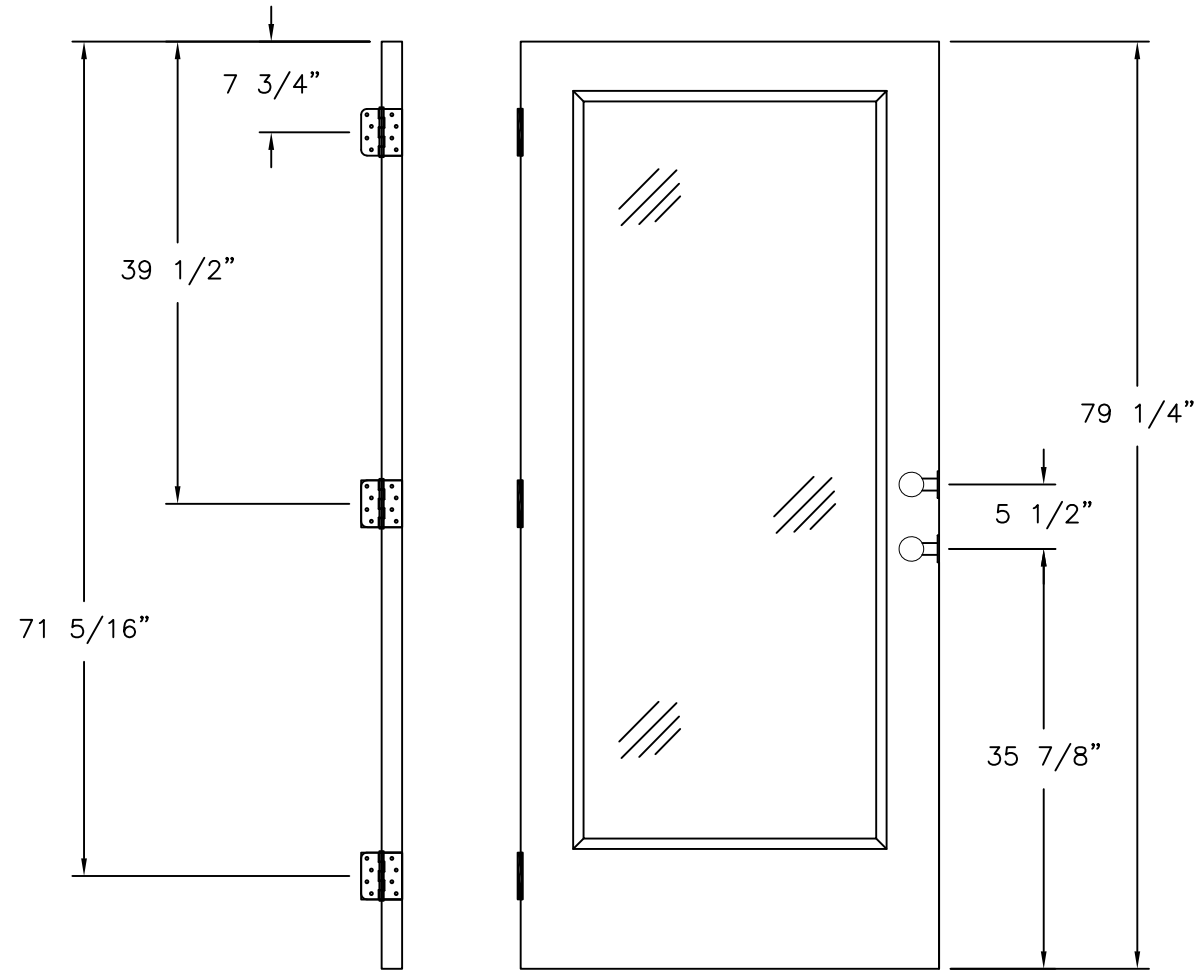


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



LOCK AND HINGES LOCATIONS
WITH HANDLE
FULL LITE PANEL, 3/4 AND 1/2 LITE PANELS



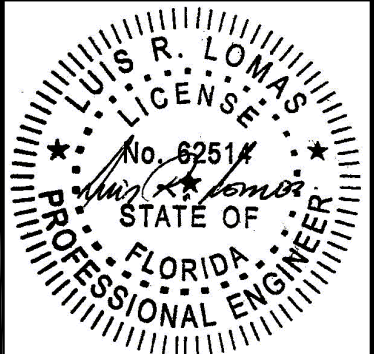
LOCK AND HINGES LOCATIONS
WITH LATCH AND DEADBOLT
FULL LITE PANEL, 3/4 AND 1/2 PANELS

SIGNED: 07/10/2026

NAN YA PLASTICS CORPORATION U.S.A.
4016 SHADRACK ST.
HOUSTON, TX 77013

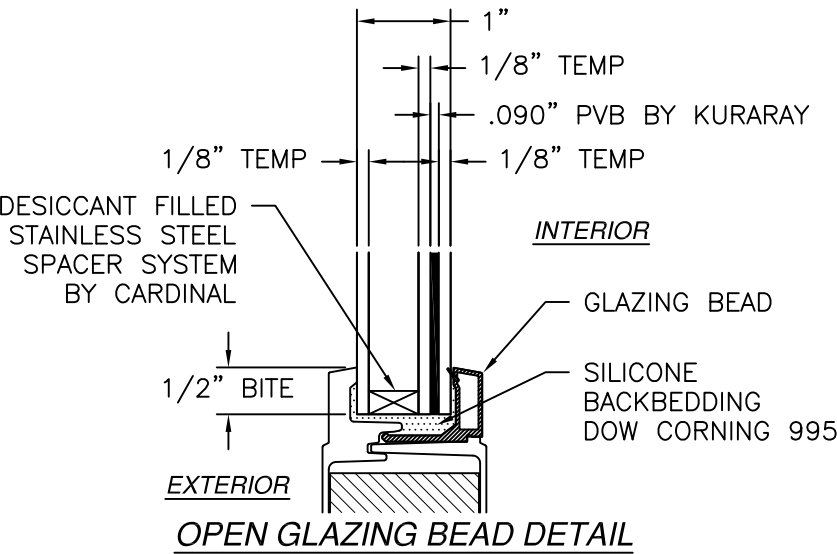
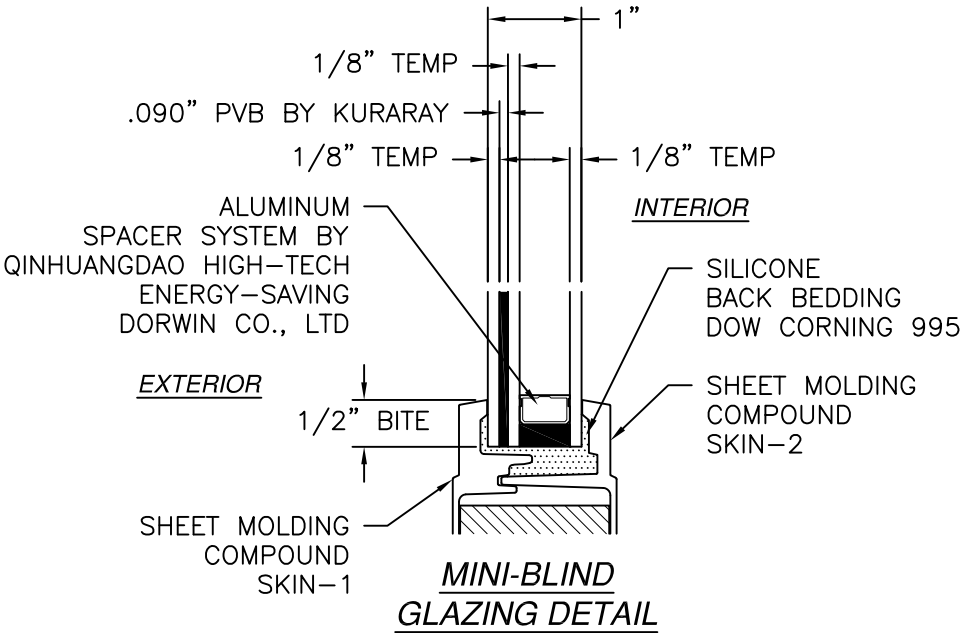
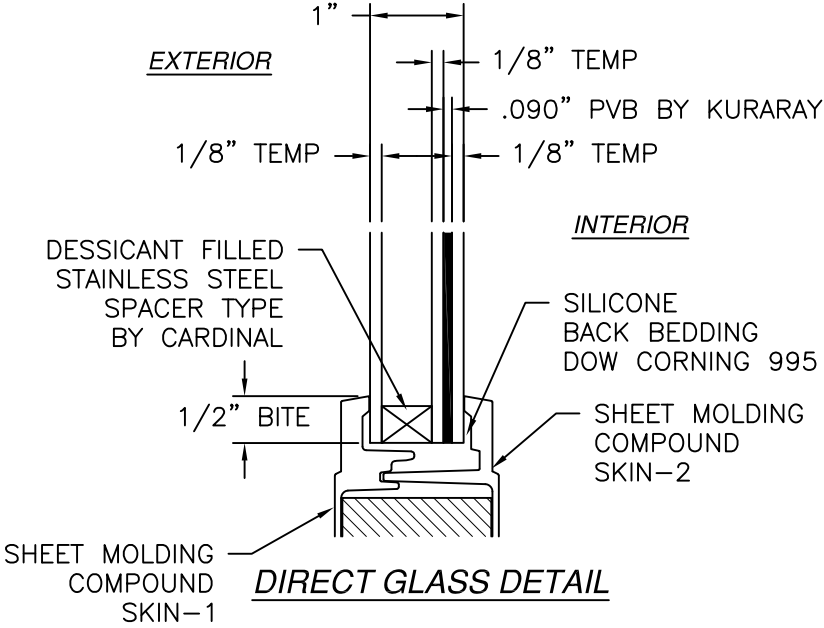
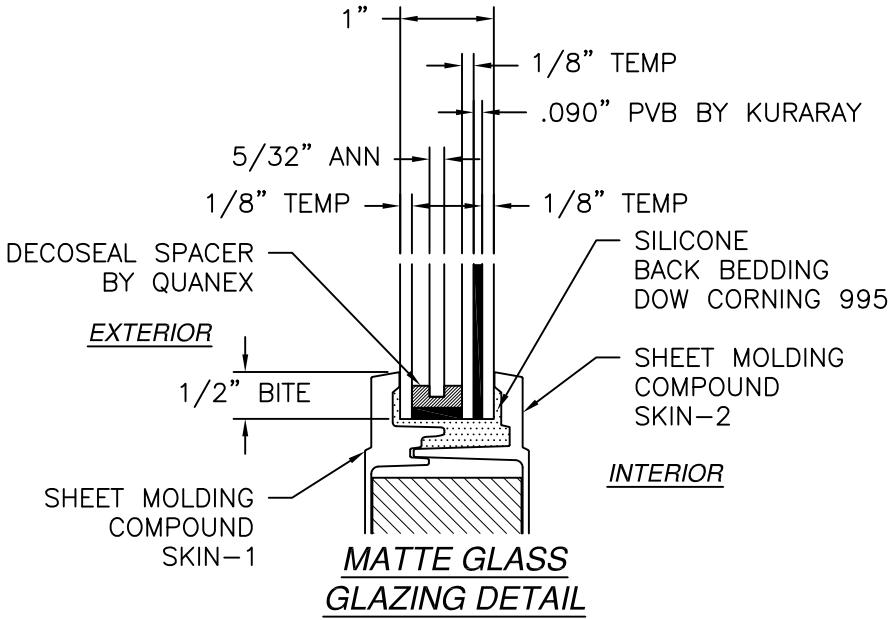
SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 16 OF 21
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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



NAN YA PLASTICS CORPORATION U.S.A.

4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
GLAZING DETAILS

DRAWN: A.R.

DWG NO. 08-03324

REV G

SCALE NTS

DATE 09/27/18

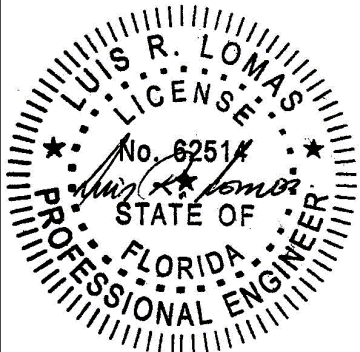
SHEET 17 OF 21

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

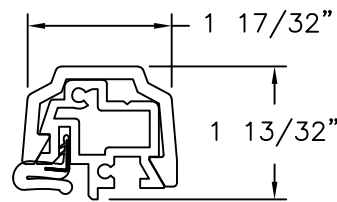
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/10/2026

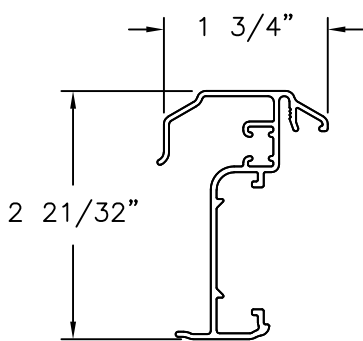


Luis R. Lomas P.E.
FL No.: 62514

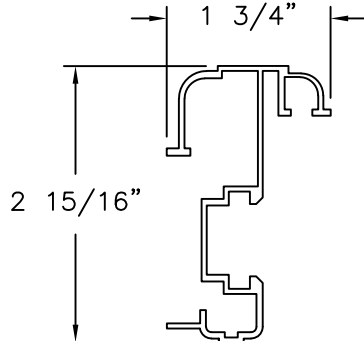
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.



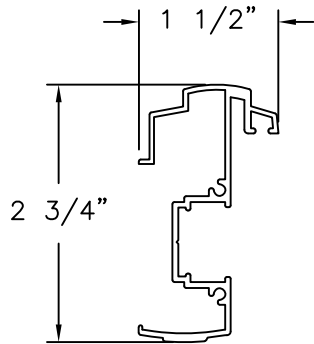
T-ASTRAGAL
RIGID PVC



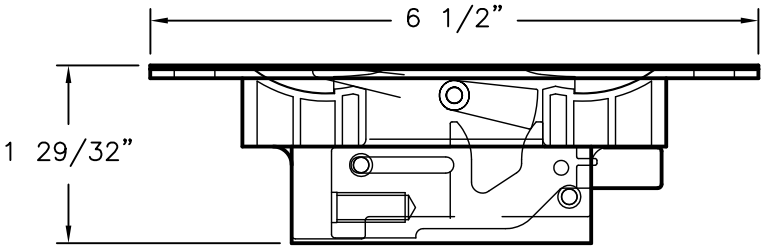
ENDURA ULTIMATE PUSH BUTTON ASTRAGAL
ALTERNATE



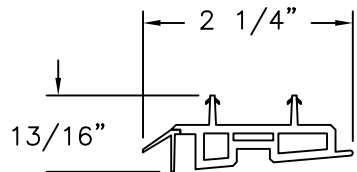
DLP ASTRAGAL
ALTERNATE



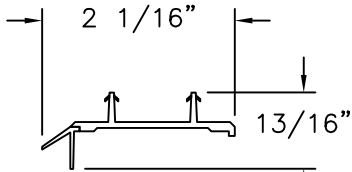
COLUMBIA T-ASTRAGAL
.060" THICKNESS, ALUMINUM 6063-T5
ALTERNATE



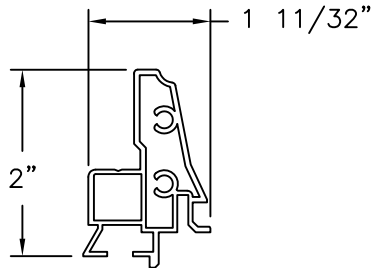
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X BY MICOTA TECH)



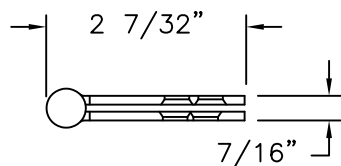
DOOR BOTTOM-B
PVC CO-EX



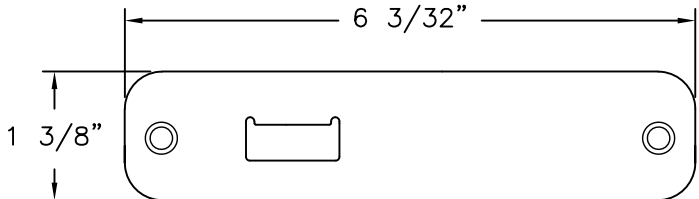
DOOR BOTTOM-A
PVC CO-EX



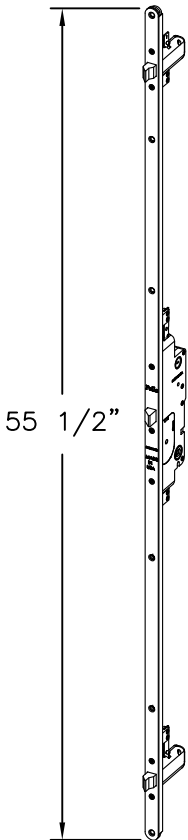
REINFORCEMENT (B)
ALUMINUM



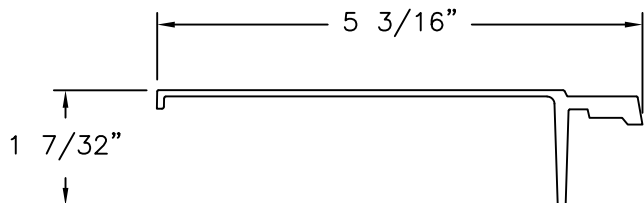
4" X 4" DOOR HINGE
STEEL



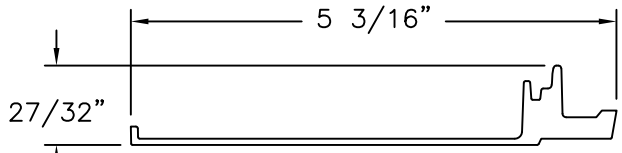
TOP/BOTTOM BAR KEEPER
STAINLESS STEEL (SS92H)



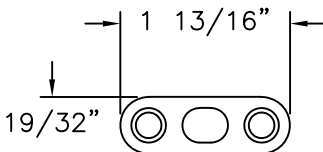
TRILENNIUM 3000



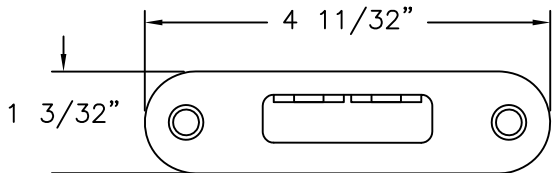
SHEET MOLDING COMPOUND SKIN-1
FIBERGLASS



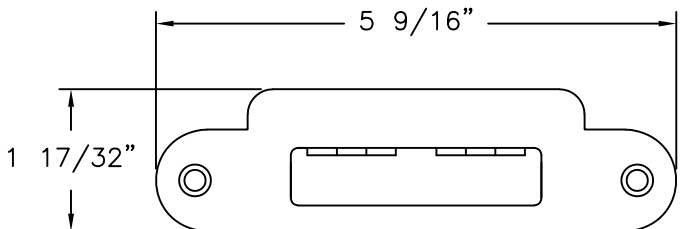
SHEET MOLDING COMPOUND SKIN-2
FIBERGLASS



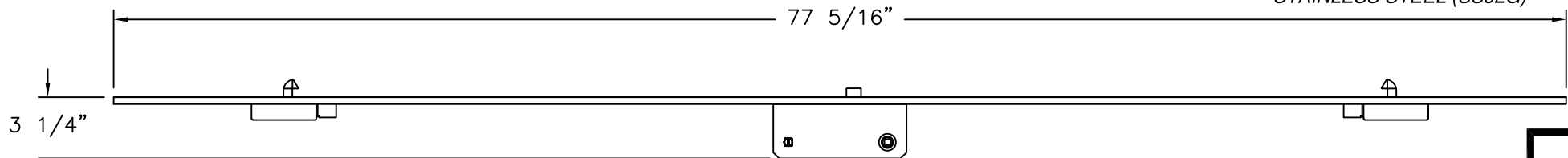
DRIVE BAR PLATE
STAINLESS STEEL



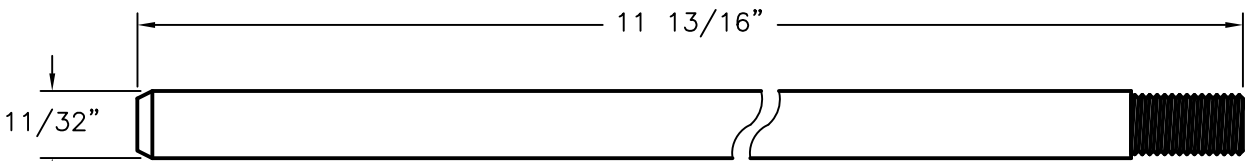
HOOK KEEPER
STAINLESS STEEL (SS92G)



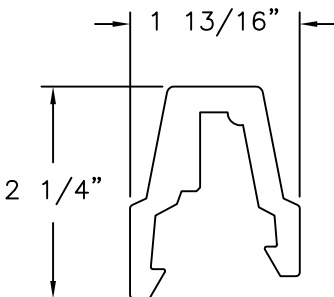
SLAB MULTI-POINT LOCK KEEPER
STEEL



MULTI-POINT LOCKING SYSTEM
STAINLESS STEEL



FLUSH BOLT BAR
STAINLESS STEEL (SS93B)



MULLION COVER (B)
FOAM PVC

NAN YA PLASTICS CORPORATION U.S.A.

4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
COMPONENTS

DRAWN:
A.R.

DWG NO.
08-03324

REV
G

SCALE
NTS

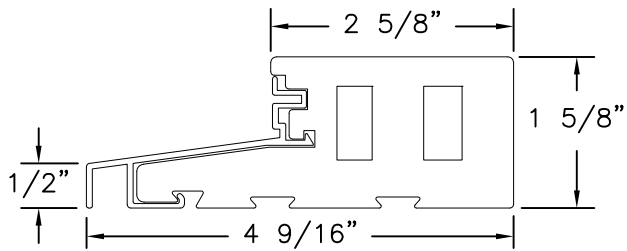
DATE
09/27/18

SHEET
18 OF 21

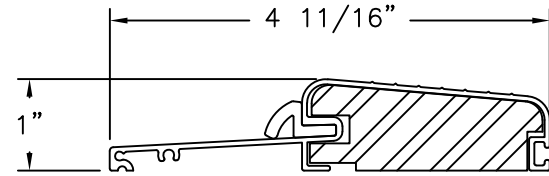
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/10/2026

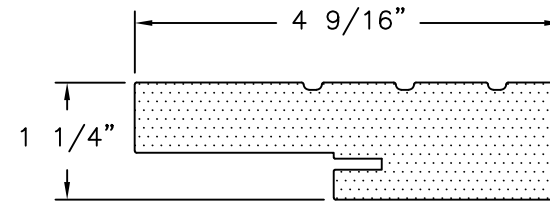
Luis R. Lomas P.E.
FL No.: 62514



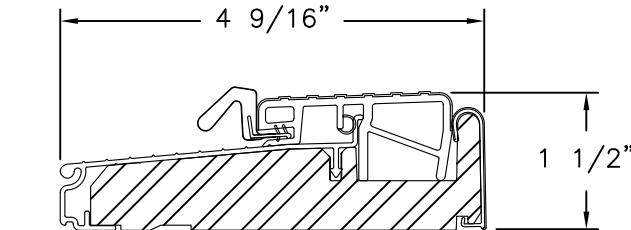
DOOR SILL
FOAM PVC CO-EX & ALUMINUM



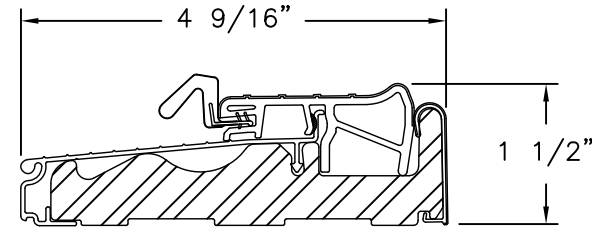
COLUMBIA THRESHOLD 575
ALTERNATE



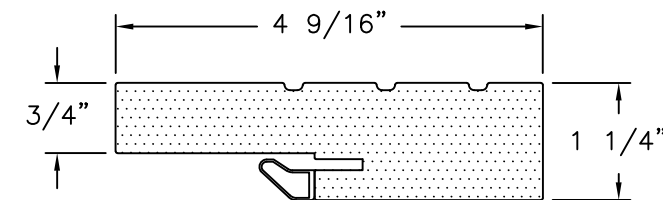
FRAME STANDARD
COMPOSITE



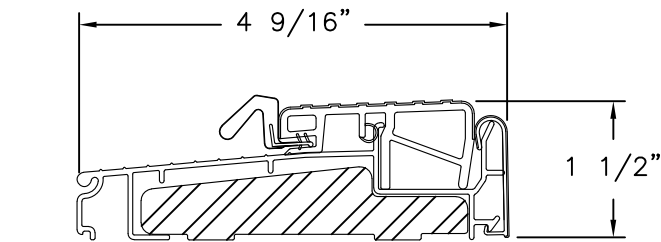
ENDURA THRESHOLD ZOB4565FN
ALTERNATE



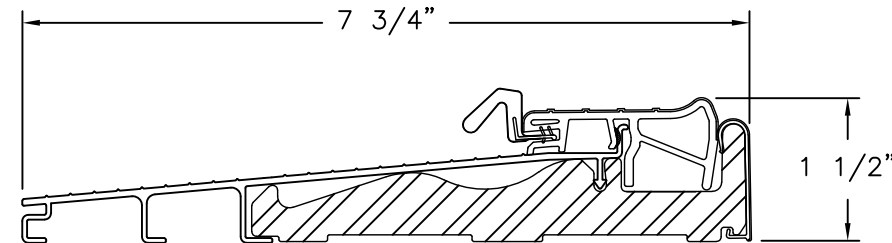
ENDURA THRESHOLD ZOBLH4565
ALTERNATE



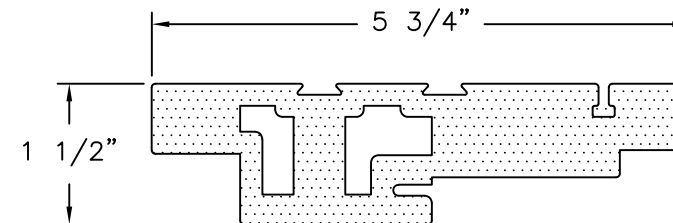
FRAME SOFT PVC
FOAM PVC CO-EX



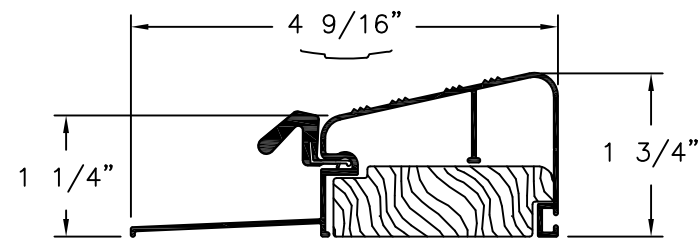
ENDURA THRESHOLD ZOBL4565
ALTERNATE



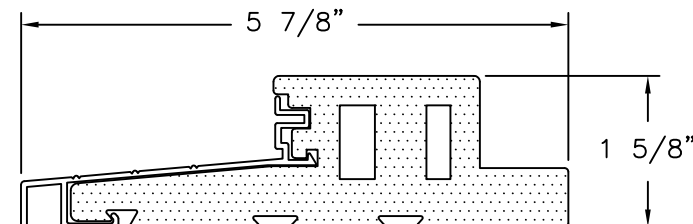
ENDURA THRESHOLD ZOBLH7815
ALTERNATE



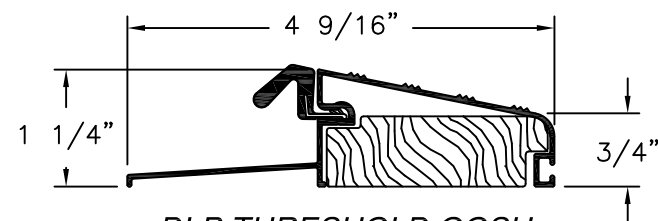
NEUMA HEAD FRAME & JAMB
COMPOSITE



DLP THRESHOLD QOSR
ALTERNATE



NEUMA SILL
ALTERNATE

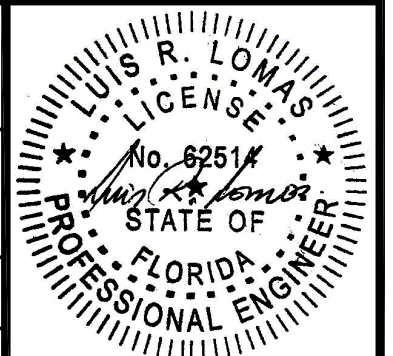


DLP THRESHOLD QOSH
ALTERNATE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

SIGNED: 07/10/2026

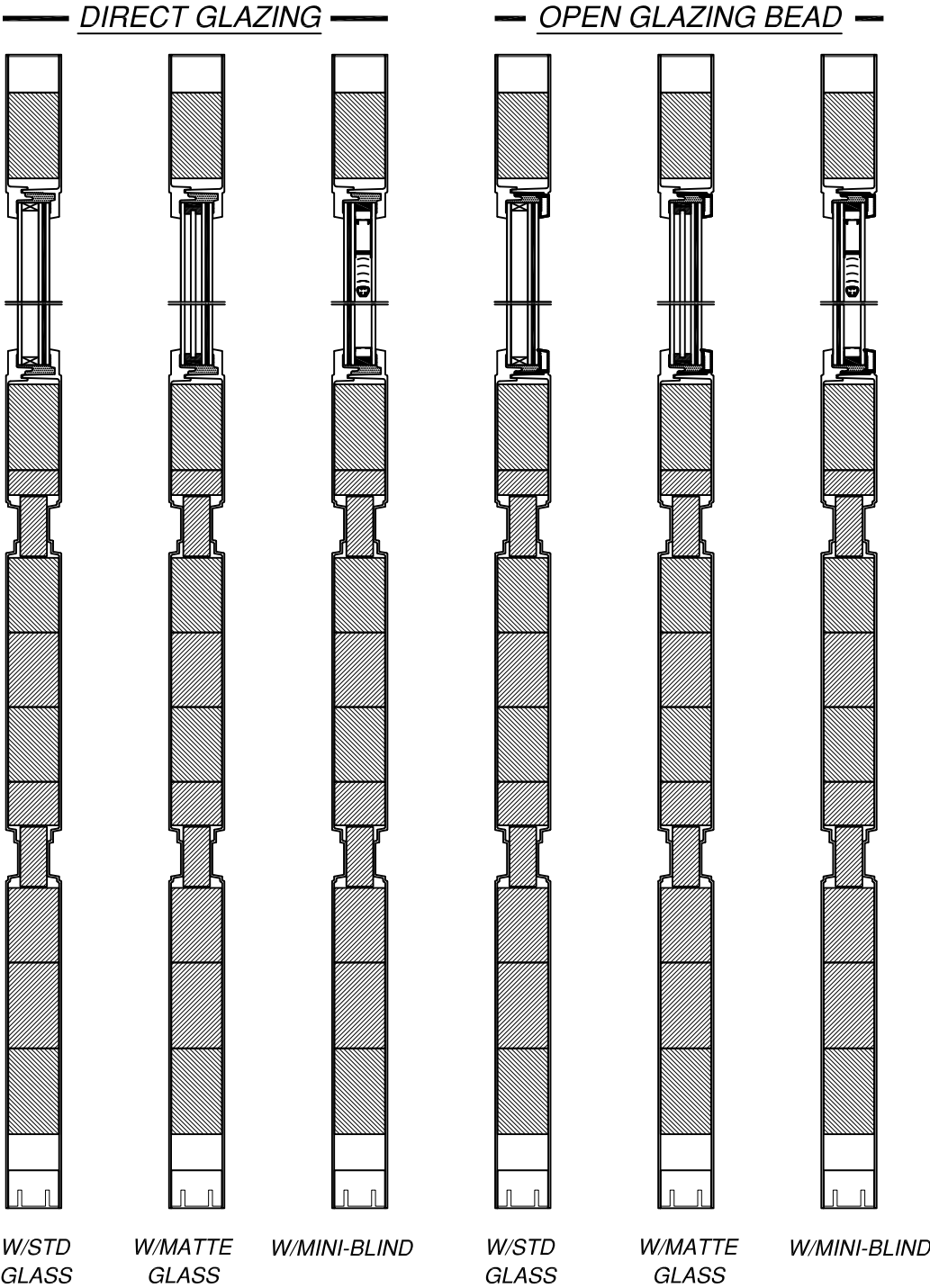
NAN YA PLASTICS CORPORATION U.S.A. 4016 SHADRACK ST. HOUSTON, TX 77013		
SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT - HVHZ COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 19 OF 21
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



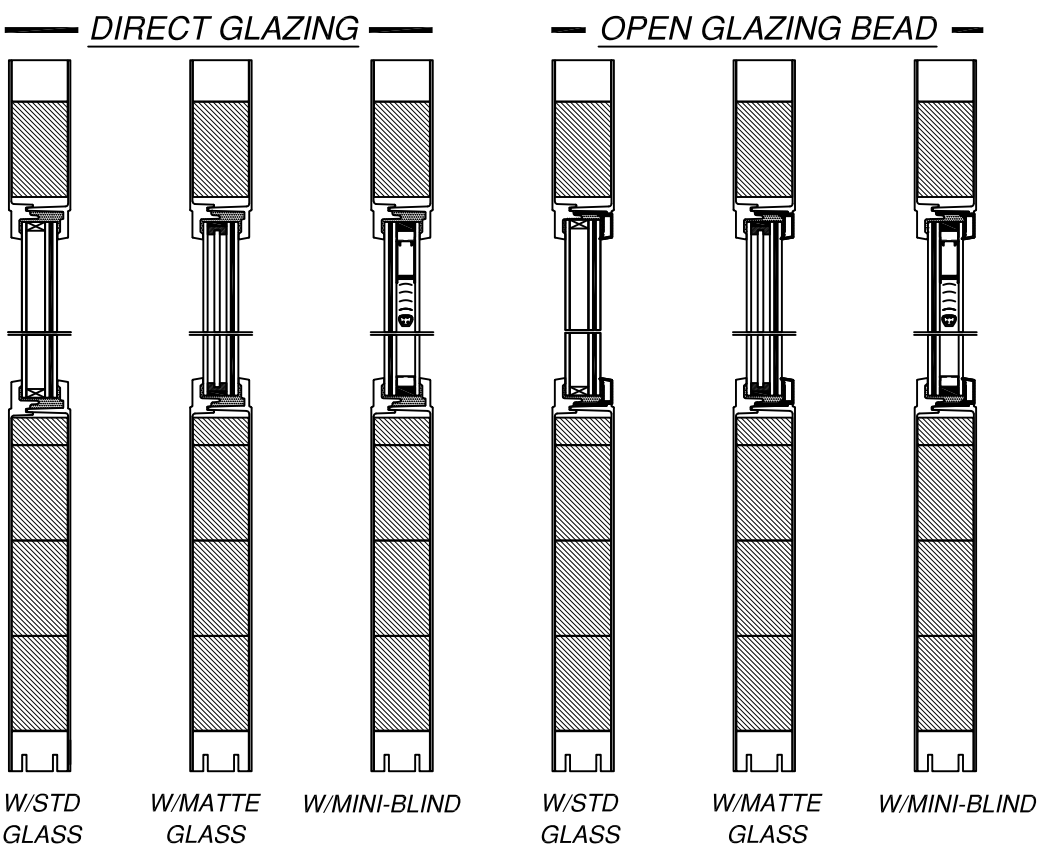
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

APPROVED PANEL CONFIGURATIONS
3/4 LITE

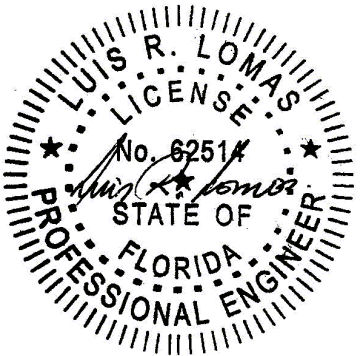


APPROVED PANEL CONFIGURATIONS
FULL LITE



SIGNED: 07/10/2026

NAN YA PLASTICS CORPORATION U.S.A. 4016 SHADRACK ST. HOUSTON, TX 77013		
SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT – HVHZ APPROVED PANEL CONFIGURATIONS		
DRAWN: A.R.	DWG NO. 08-03324	REV G
SCALE NTS	DATE 09/27/18	SHEET 20 OF 21
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

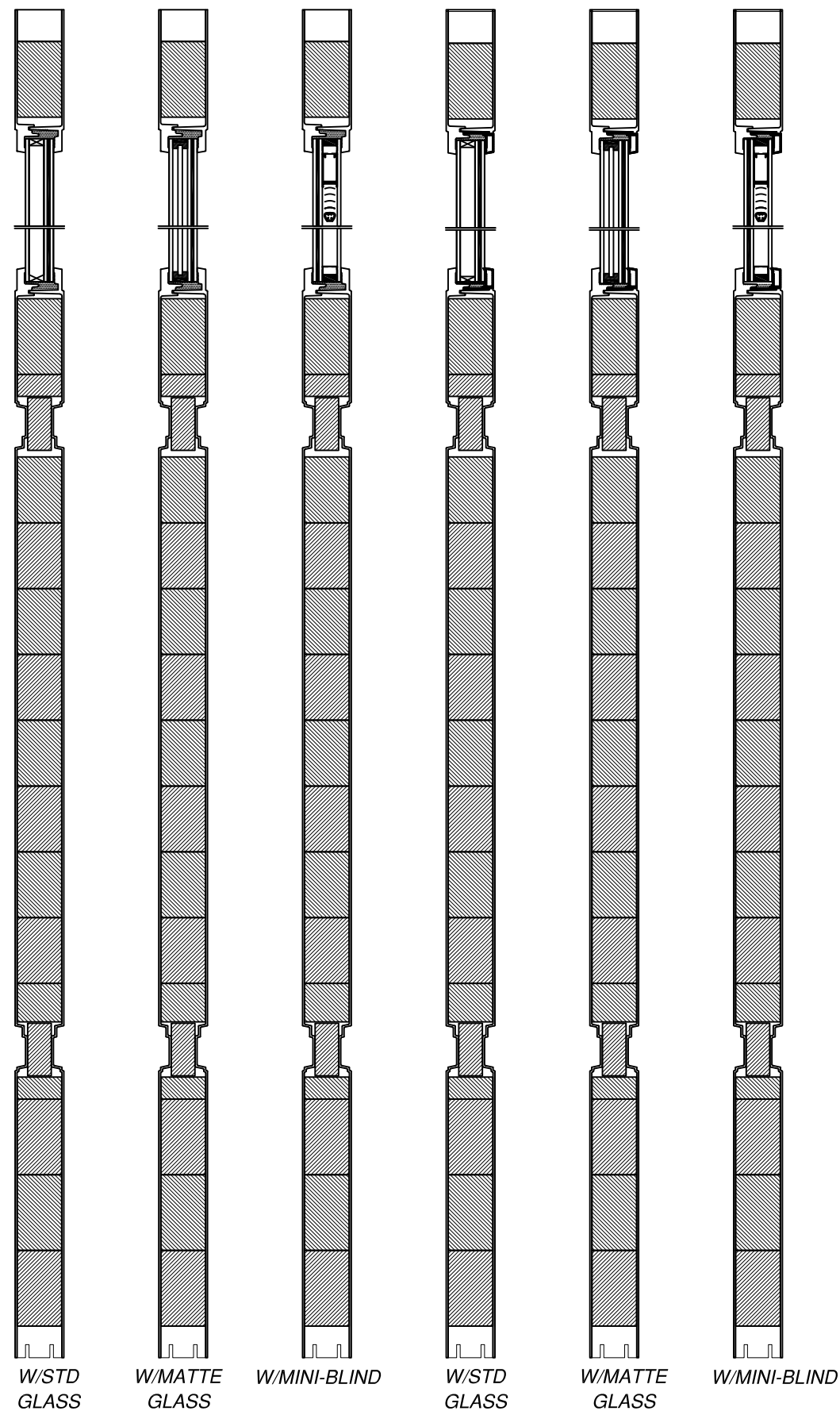


Luis R. Lomas P.E.
FL No.: 62514

APPROVED PANEL CONFIGURATIONS
1/2 LITE

DIRECT GLAZING

OPEN GLAZING BEAD



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED MANUFACTURER ADDRESS	07/10/2026	R.L.

SIGNED: 07/10/2026

NAN YA PLASTICS CORPORATION U.S.A.

4016 SHADRACK ST.
HOUSTON, TX 77013

SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT – HVHZ
APPROVED PANEL CONFIGURATIONS

DRAWN:
A.R.

DWG NO.
08-03324

REV
G

SCALE NTS

DATE 09/27/18

SHEET 21 OF 21

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