

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	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 18 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 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.
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:
 - 17.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 17.3. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER). GROUT FILLED
 - 17.4. 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, 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 23 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.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
NOTES

DRAWN:
A.R.

DWG NO.
08-03450

REV
K

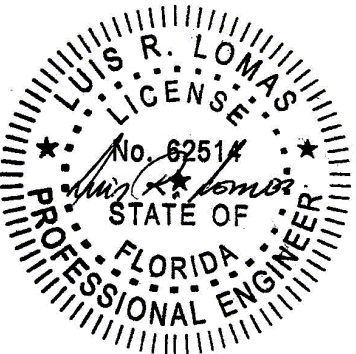
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DATE 06/25/19

SHEET 1 OF 22

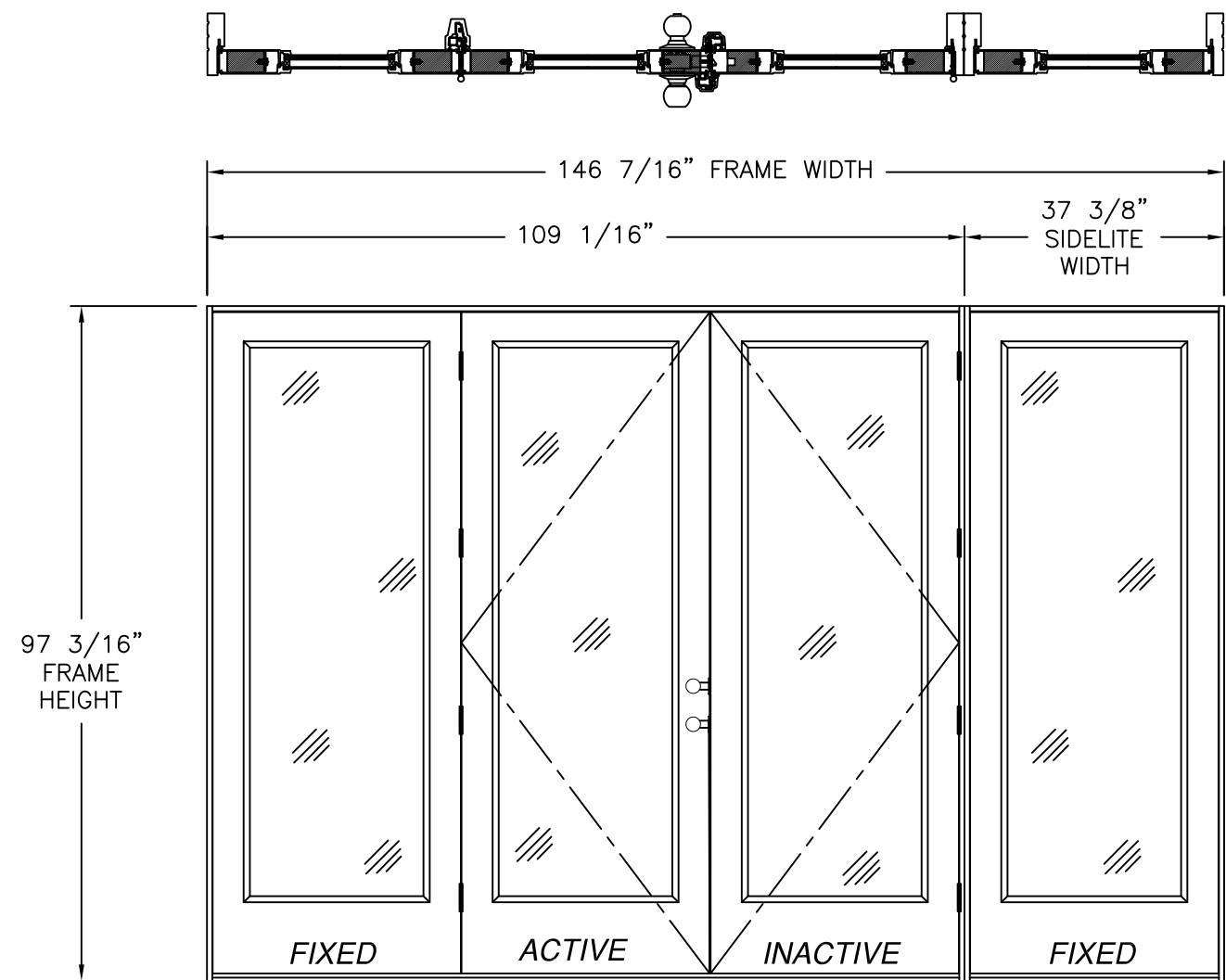
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SIGNED: 11/13/2025



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

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K	ADD GLASS	11/12/25	R.L.



SERIES PATIO DOOR LITE OUTSWING (OXX/O)
8' UNIT EXTERIOR VIEW
FULL LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES

STANDARD FRAME W/ & W/OUT SILL RISER

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SOFT PVC FRAME W/OUT SILL RISER

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

STANDARD FRAME W/ & W/OUT SILL RISER & W/ENDURA SYSTEM

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE & SMALL MISSILE IMPACT

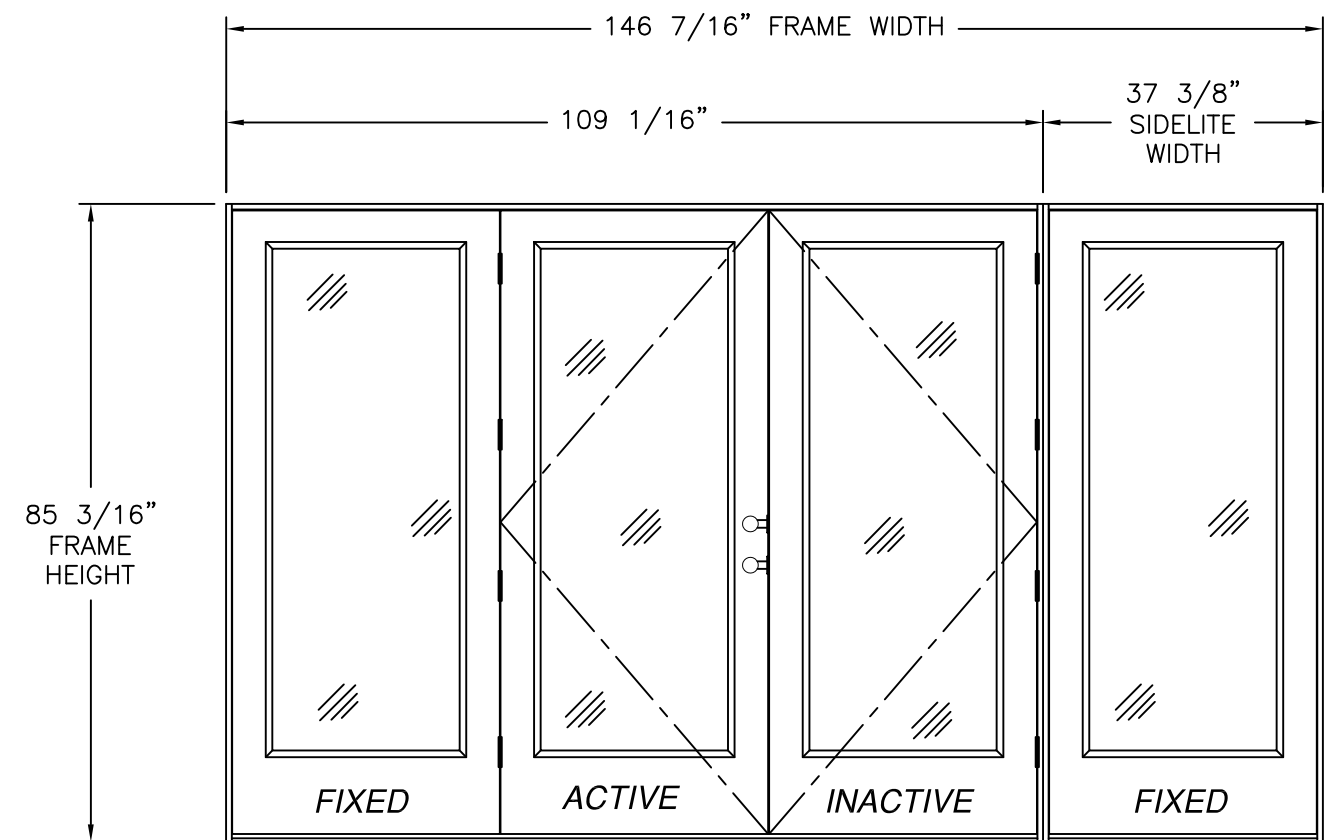
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SOFT PVC FRAME W/OUT SILL RISER & W/ENDURA SYSTEM

DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-45.0PSF	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 23.64 FT²



SERIES PATIO DOOR LITE OUTSWING (OXX/O)
7' UNIT EXTERIOR VIEW
FULL LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES

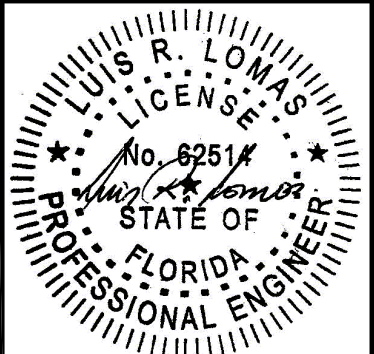
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8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
FULL PANELS LITE ELEVATION

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SCALE NTS	DATE 06/25/19	SHEET 2 OF 22

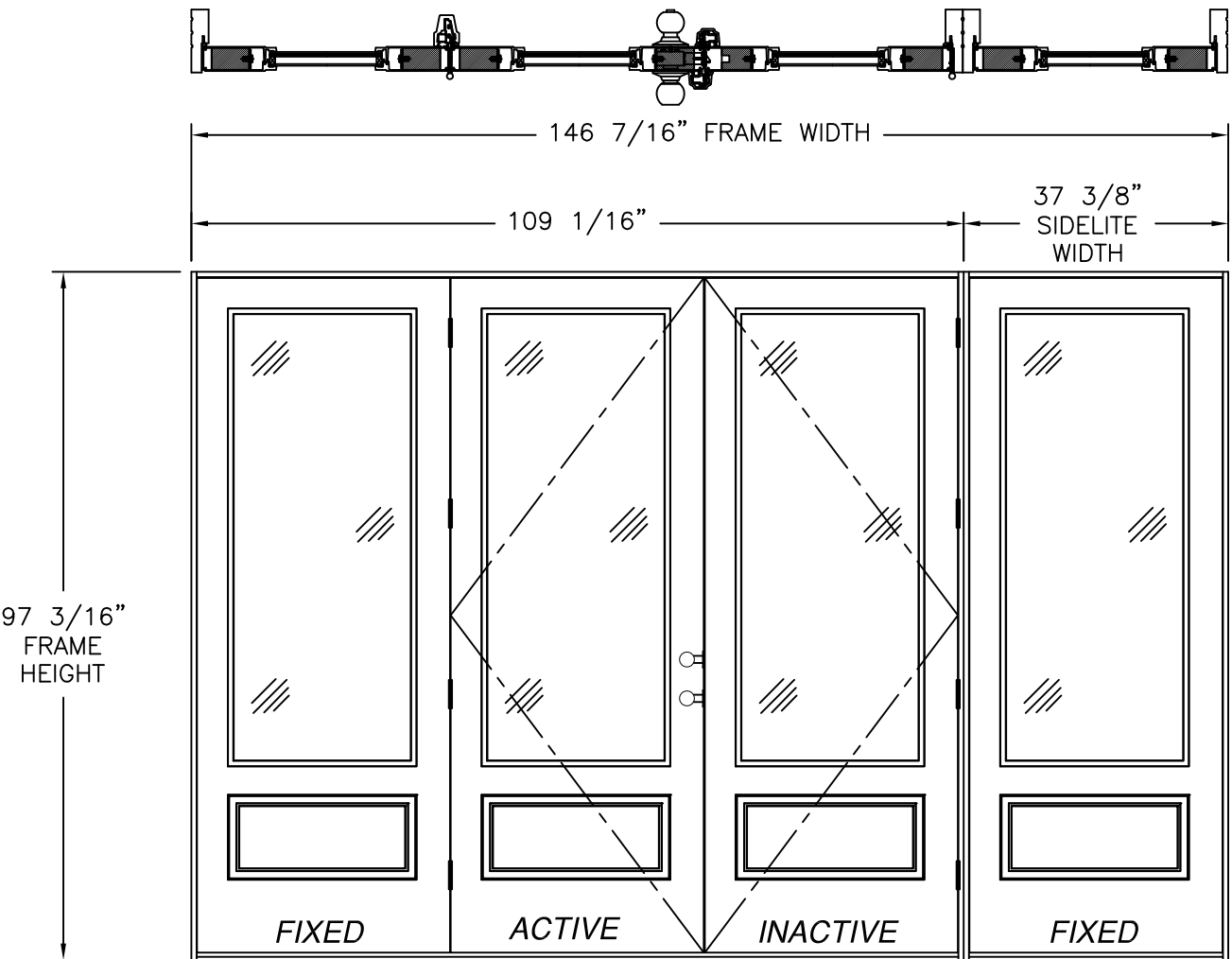
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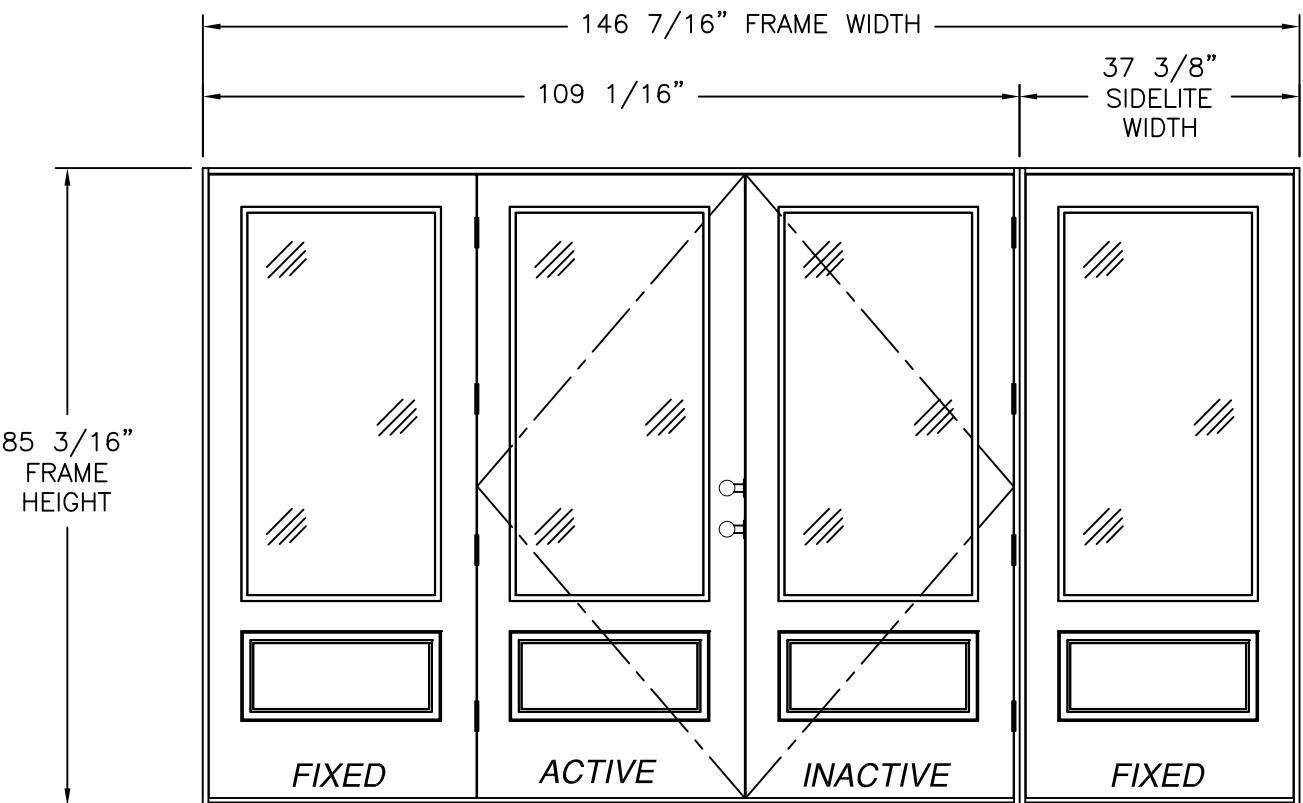


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K	ADD GLASS	11/12/25	R.L.



SERIES PATIO DOOR LITE OUTSWING (OXX/O)
8' UNIT EXTERIOR VIEW
3/4 LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES



SERIES PATIO DOOR LITE OUTSWING (OXX/O)
7' UNIT EXTERIOR VIEW
3/4 LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES

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

SOFT PVC FRAME W/OUT SILL RISER	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-50.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

STANDARD FRAME W/ & W/OUT SILL RISER & W/ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE & SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ	

SOFT PVC FRAME W/OUT SILL RISER & W/ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-45.0PSF	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 23.64 FT²

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HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING

LARGE MISSILE IMPACT – HVHZ

3/4 LITE PANELS ELEVATION

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08-03450

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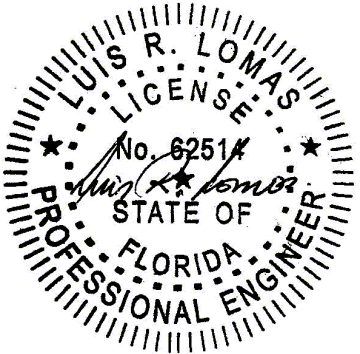
DATE
06/25/19

SHEET
3 OF 22

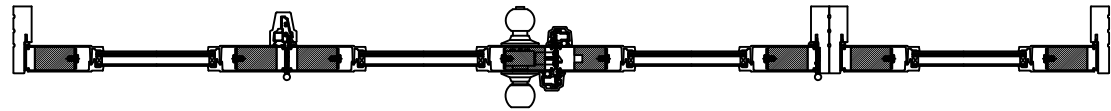
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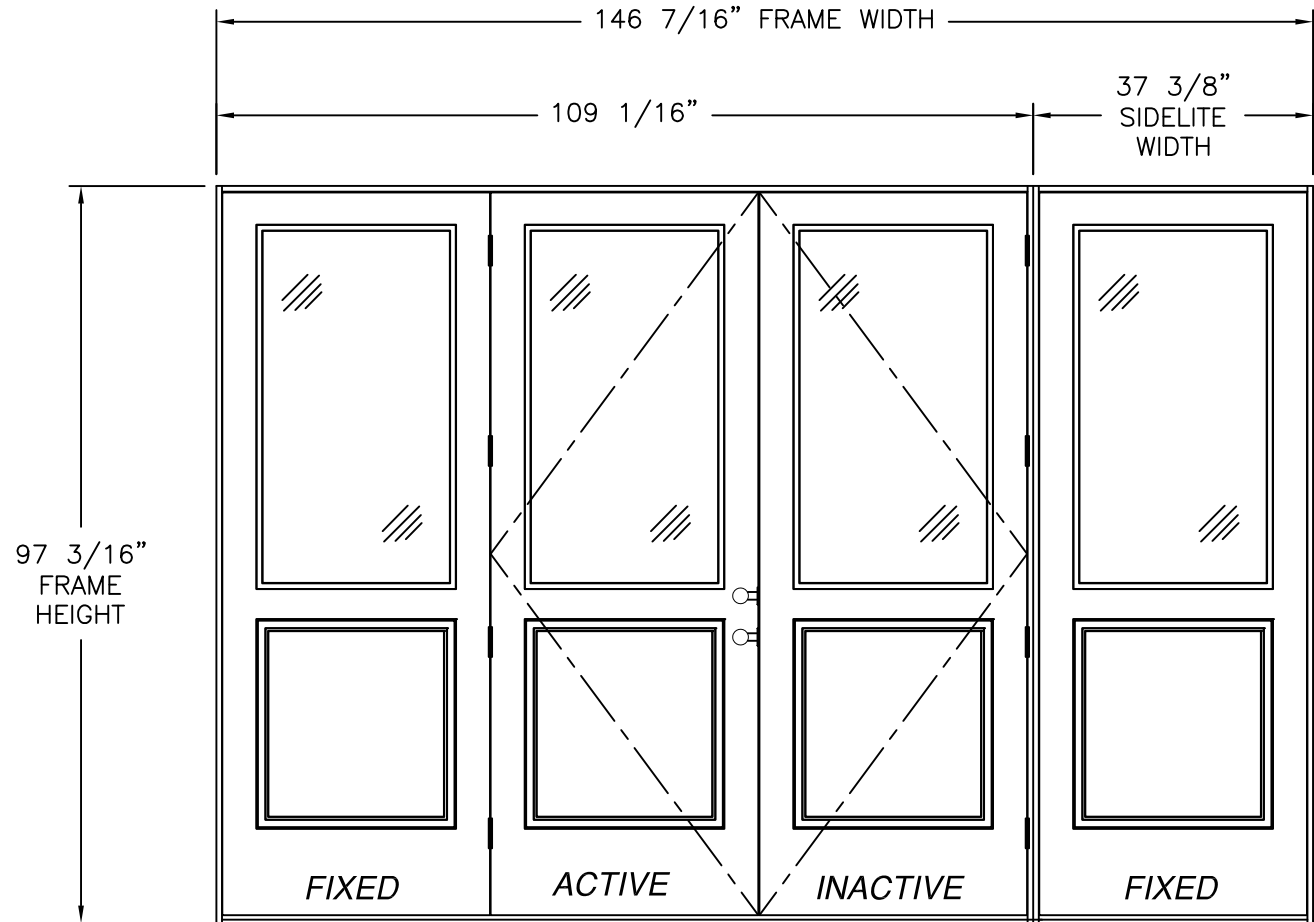
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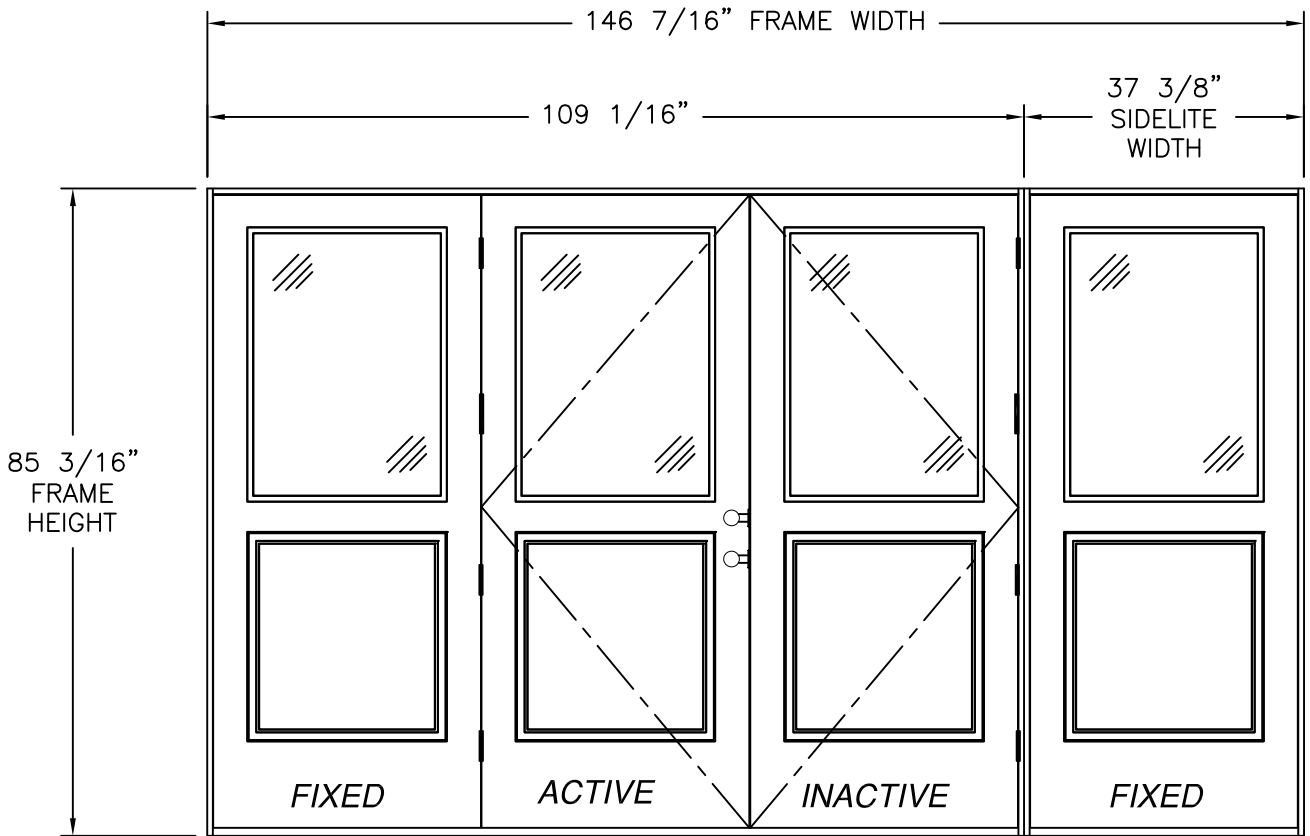
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SERIES PATIO DOOR LITE OUTSWING (OXX/O)
8' UNIT EXTERIOR VIEW
1/2 LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES



SERIES PATIO DOOR LITE OUTSWING (OXX/O)
7' UNIT EXTERIOR VIEW
1/2 LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES

STANDARD FRAME W/ & W/OUT SILL RISER

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SOFT PVC FRAME W/OUT SILL RISER

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

STANDARD FRAME W/ & W/OUT SILL RISER & W/ENDURA SYSTEM

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SOFT PVC FRAME W/OUT SILL RISER & W/ENDURA SYSTEM

DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-45.0PSF	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 23.64 FT²

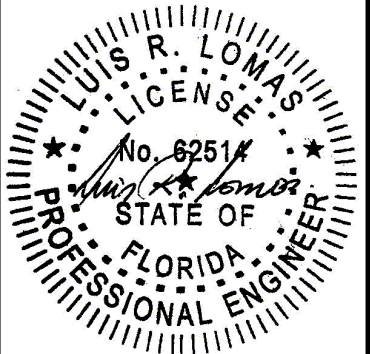
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
1/2 LITE PANELS ELEVATION

DRAWN: A.R.	DWG NO. 08-03450	REV K
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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

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.	STEEL DEADBOLT WITH KEEPER AT ACTIVE PANEL
E.	STEEL LATCH WITH KEEPER AT ACTIVE PANEL
F.	(4) STEEL DOOR HINGE AT STILE OF ACTIVE AND PASSIVE PANEL
G.	ALUMINUM REINFORCEMENT (A) AT ASTRAGAL
H.	ALUMINUM MULLION REINFORCEMENT (B) AT INTEGRAL MULLION
I.	STEEL REINFORCEMENT AT ACTIVE, FIXED AND STATIONARY STILES
J.	WOOD REINFORCEMENT (B) AT PASSIVE PANEL LOCK STILE
K.	WOOD REINFORCEMENT (C) AT BOTH FIXED, STATIONARY AND ACTIVE PANEL TOP RAILS
L.	WOOD REINFORCEMENT (D) AT BOTTOM RAILS
M.	(2 SETS) BARREL BOLT AT ACTIVE PANELS' LOCK STILE. REFER TO NOTE 7 THIS PAGE

NOTES:

1. PANEL SIZE (8' UNIT): 35 3/4" X 95 1/4"
2. PANEL SIZE (7' UNIT): 35 3/4" X 83 1/4"
3. D.L.O. (8' UNIT, FULL LITE PANEL): 25" X 79"
4. D.L.O. (8' UNIT, 3/4 LITE PANEL): 25" X 63"
5. D.L.O. (8' UNIT, 1/2 LITE PANEL): 25" X 47"
6. D.L.O. (7' UNIT, FULL LITE PANEL): 25" X 67"
7. D.L.O. (7' UNIT, 3/4 LITE PANEL): 25" X 51"
8. D.L.O. (7' UNIT, 1/2 LITE PANEL): 25" X 35"
9. WHEN UNITS ARE INSTALLED WITH PVC FOAM SLAB
BARREL BOLTS MUST BE INSTALLED AT TOP AND BOTTOM
OF SLAB.

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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
HARDWARE SCHEDULE AND NOTES

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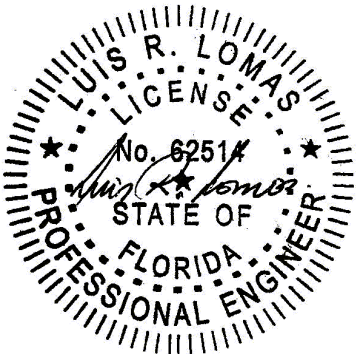
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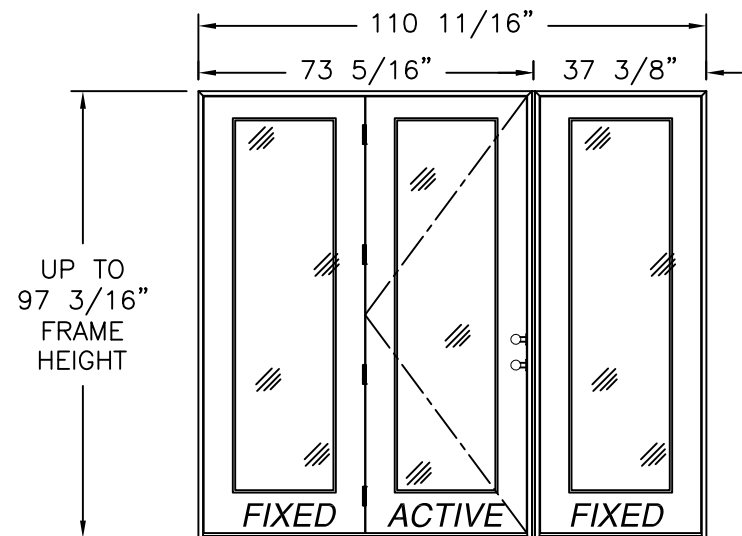
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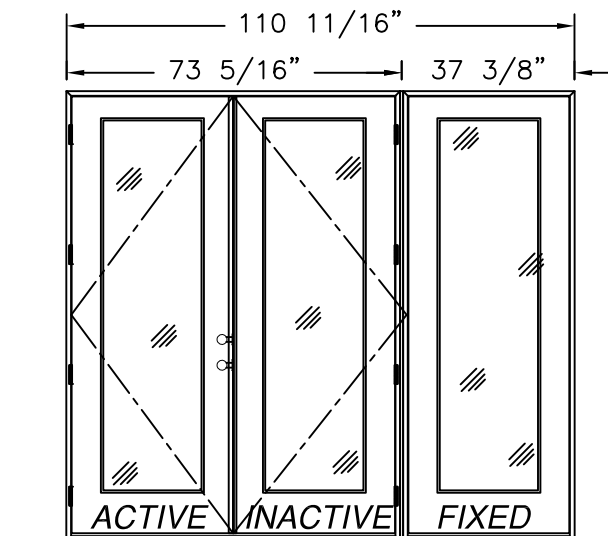
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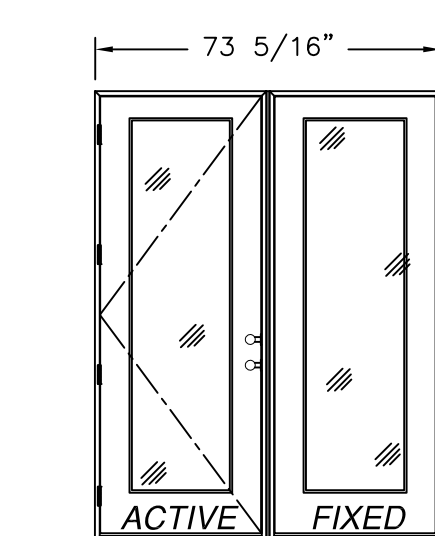
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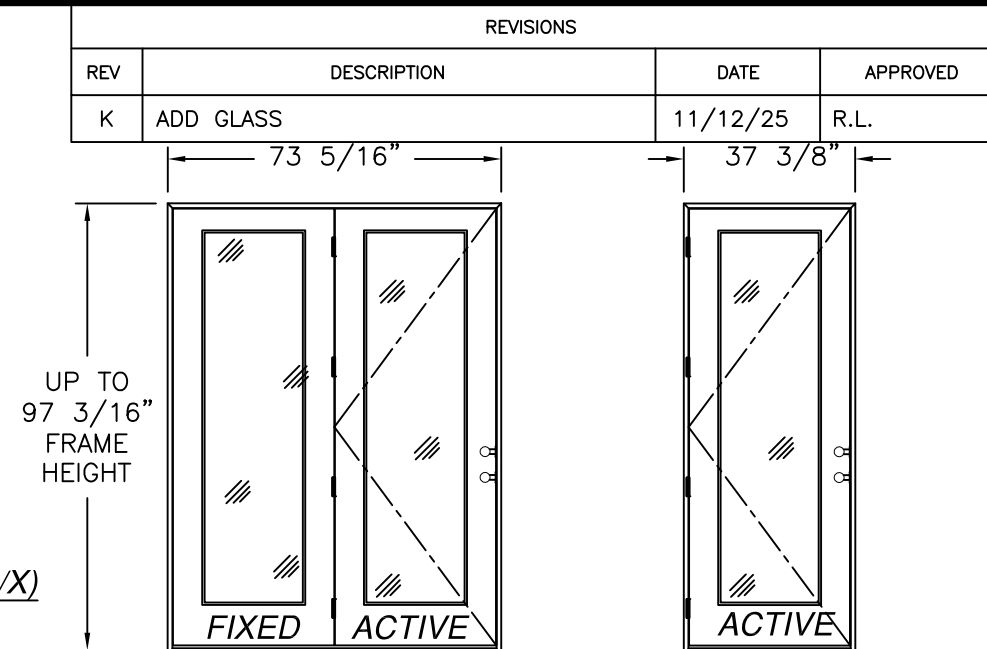
SINGLE W/SIDELITE MULL. (OX/O, O/XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



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

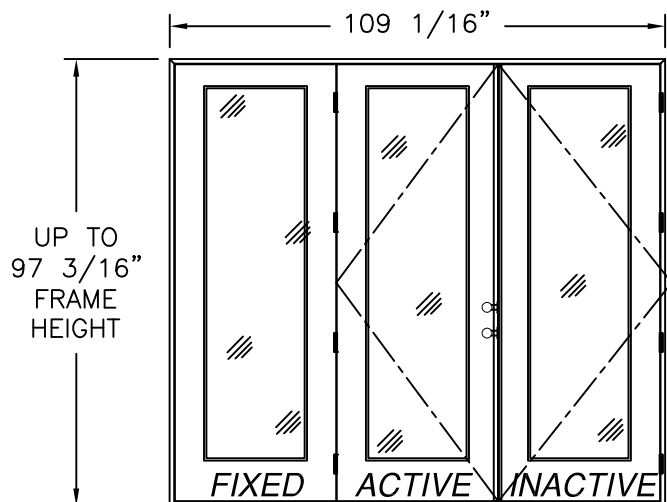


SINGLE W/SIDELITE MULL. (X/O, O/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

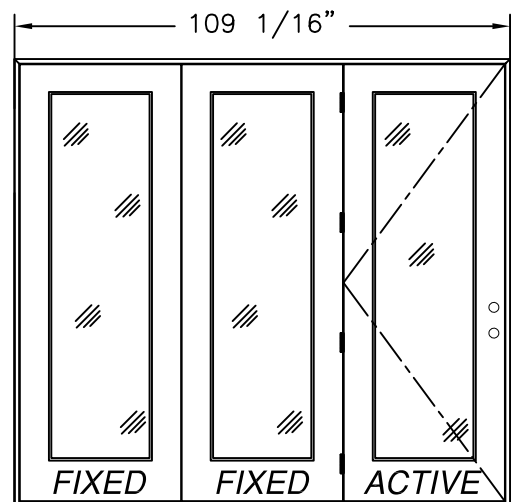


SINGLE W/SIDELITE (OX, XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

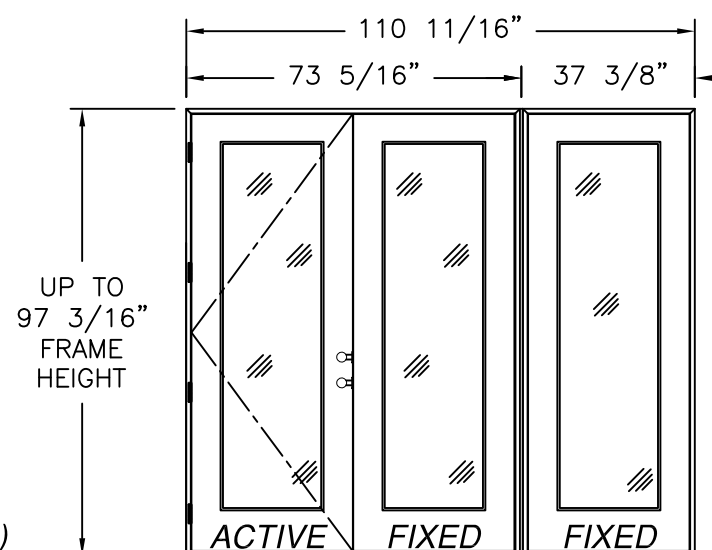
SINGLE (X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



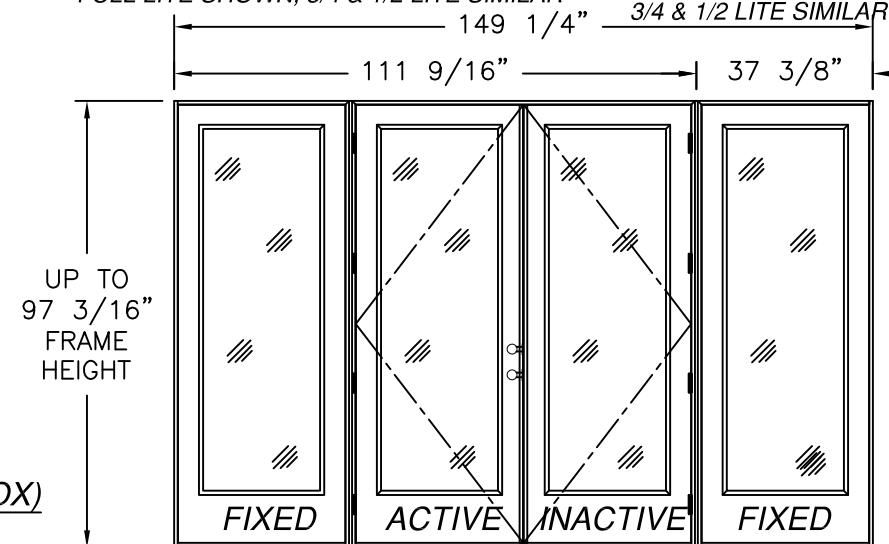
DOUBLE W/SIDELITE (OXX, XXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



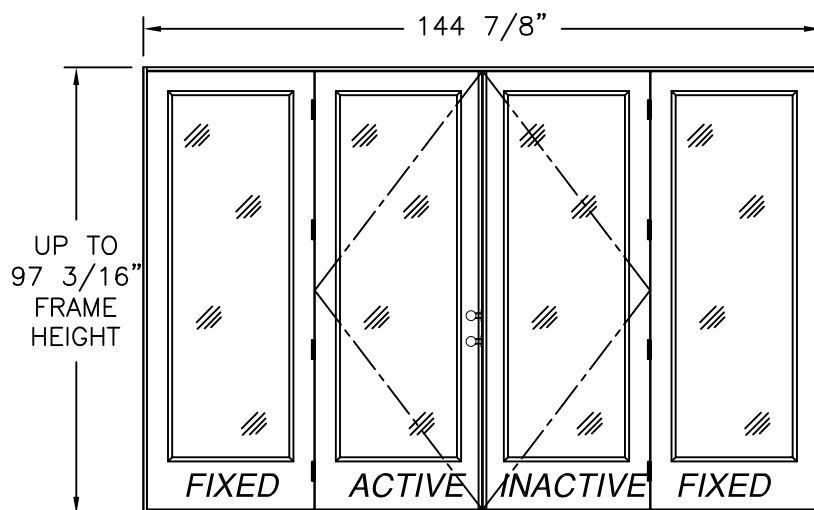
SINGLE W/SIDELITES (OOX, XOO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



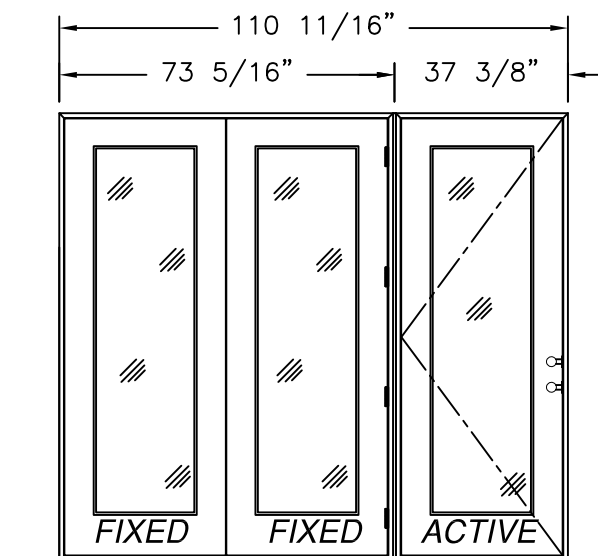
SINGLE W/SIDELITES MULL. (XO/O, O/OX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



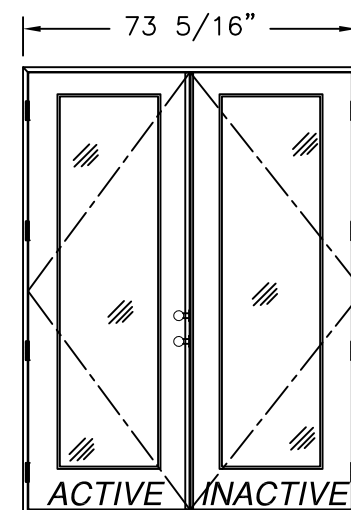
DOUBLE W/SIDELITES MULL. (O/XX/O)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



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
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

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

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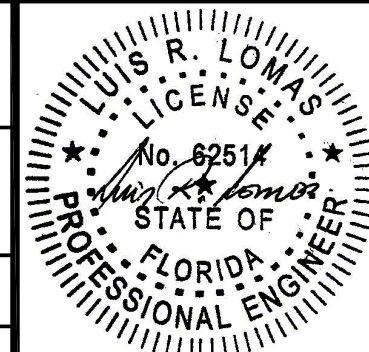
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8989 NORTH LOOP EAST
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SLPS PATIO DOOR LITE 8'0" OUTSWING
LARGE MISSILE IMPACT - HVHZ
APPROVED CONFIGURATIONS

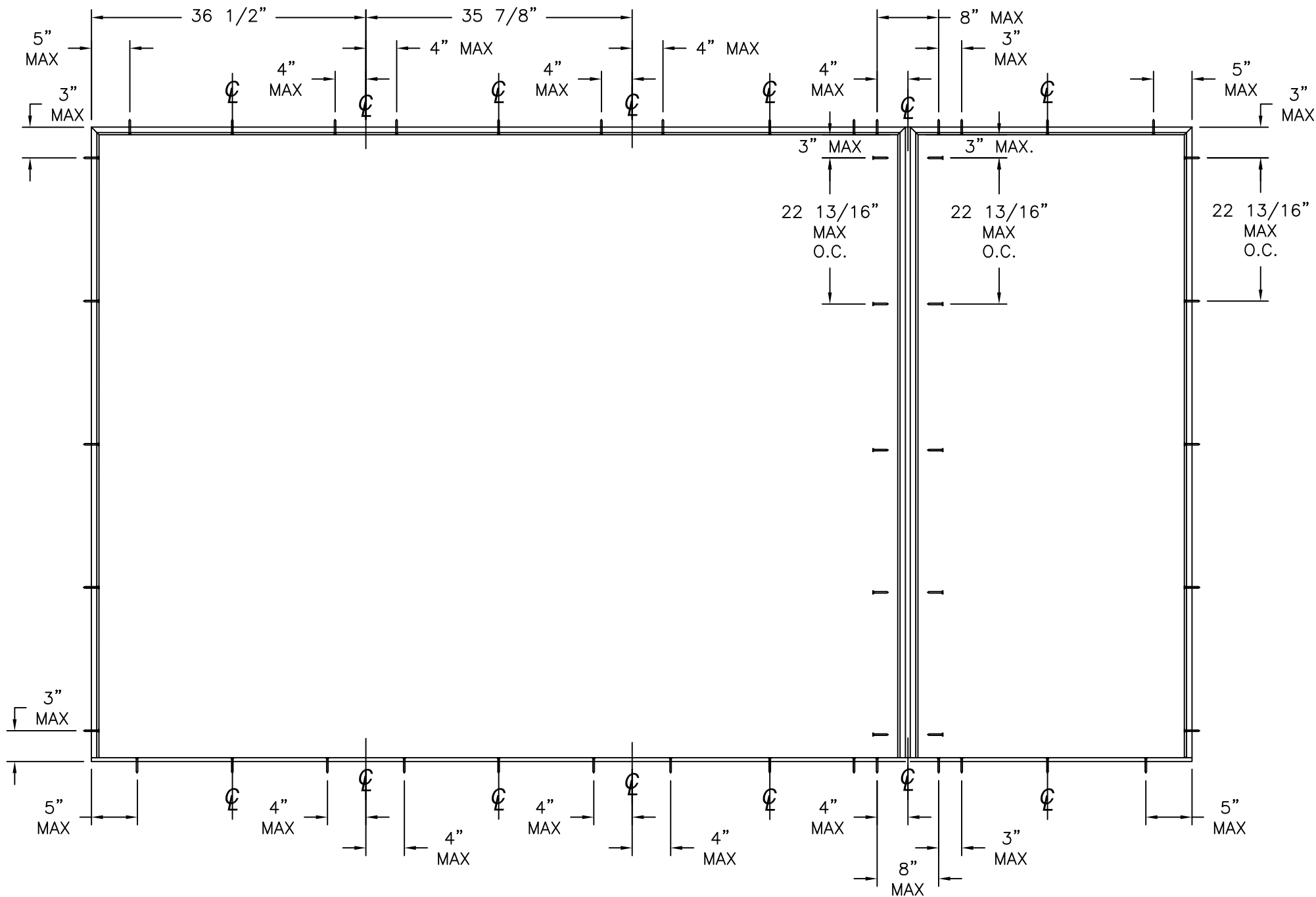
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SCALE NTS	DATE 06/25/19	SHEET 6 OF 22

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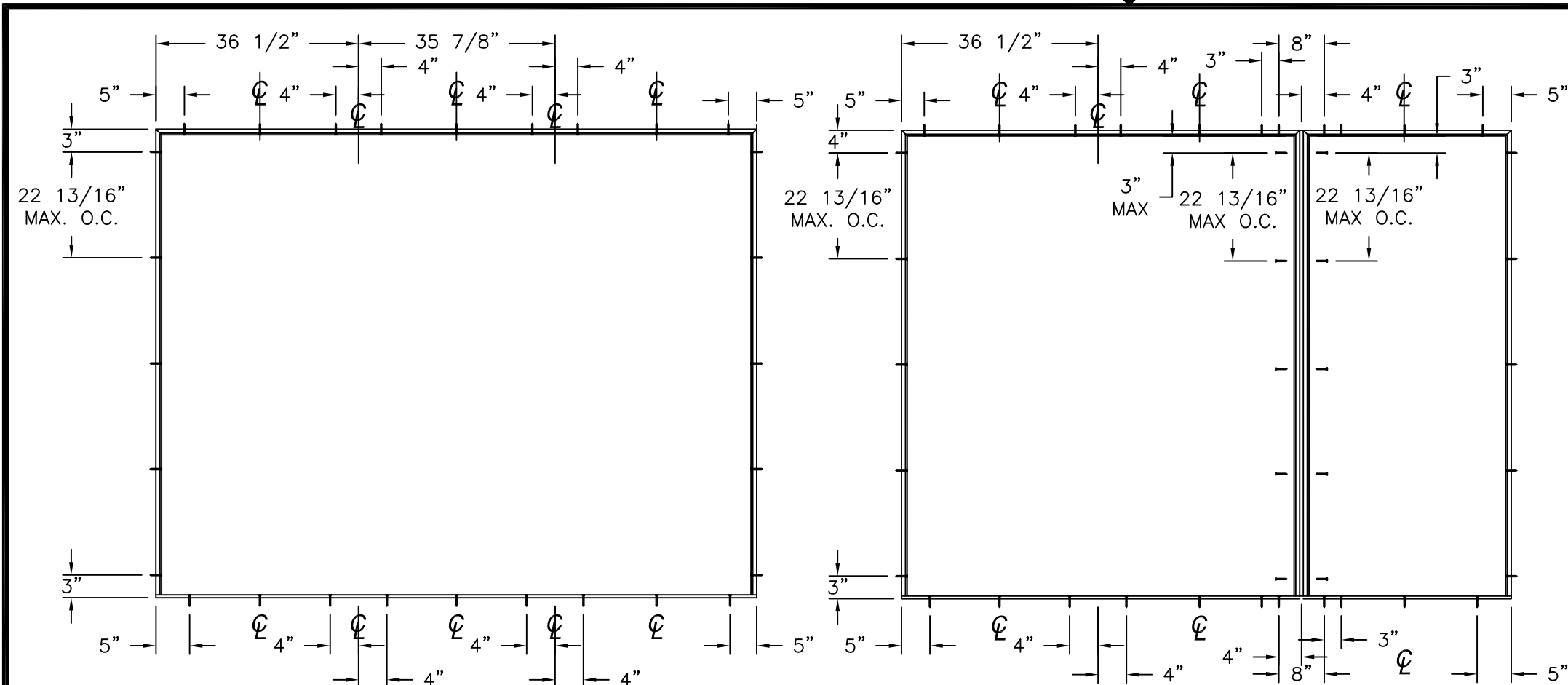


ANCHORING LAYOUT

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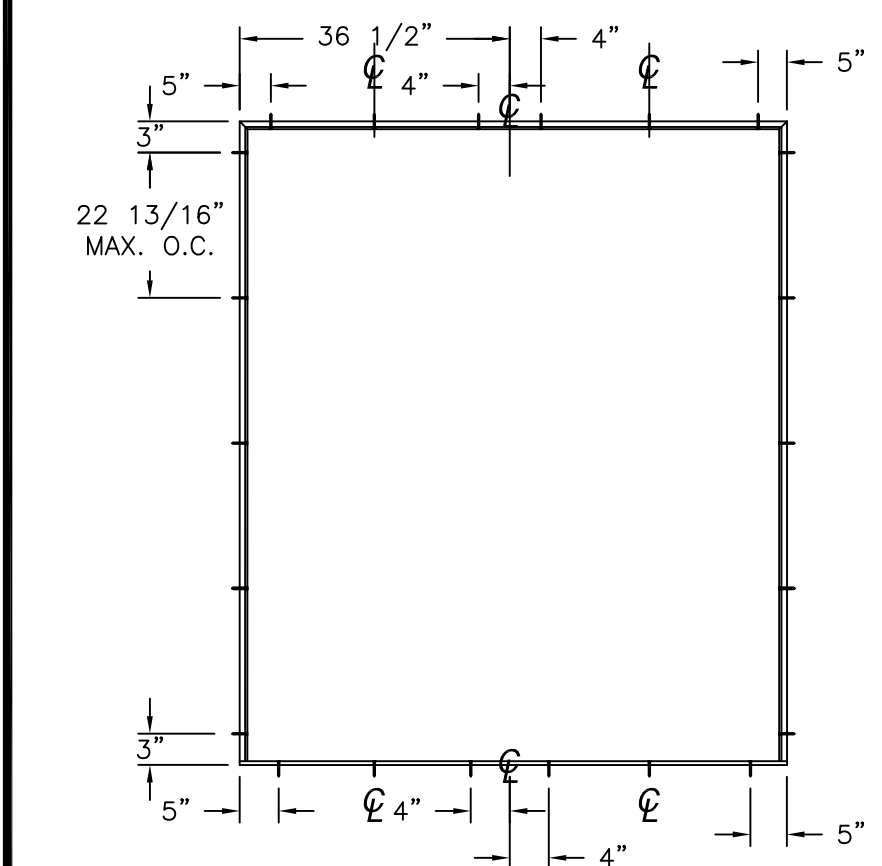
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SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT – HVHZ ANCHORING LAYOUT		
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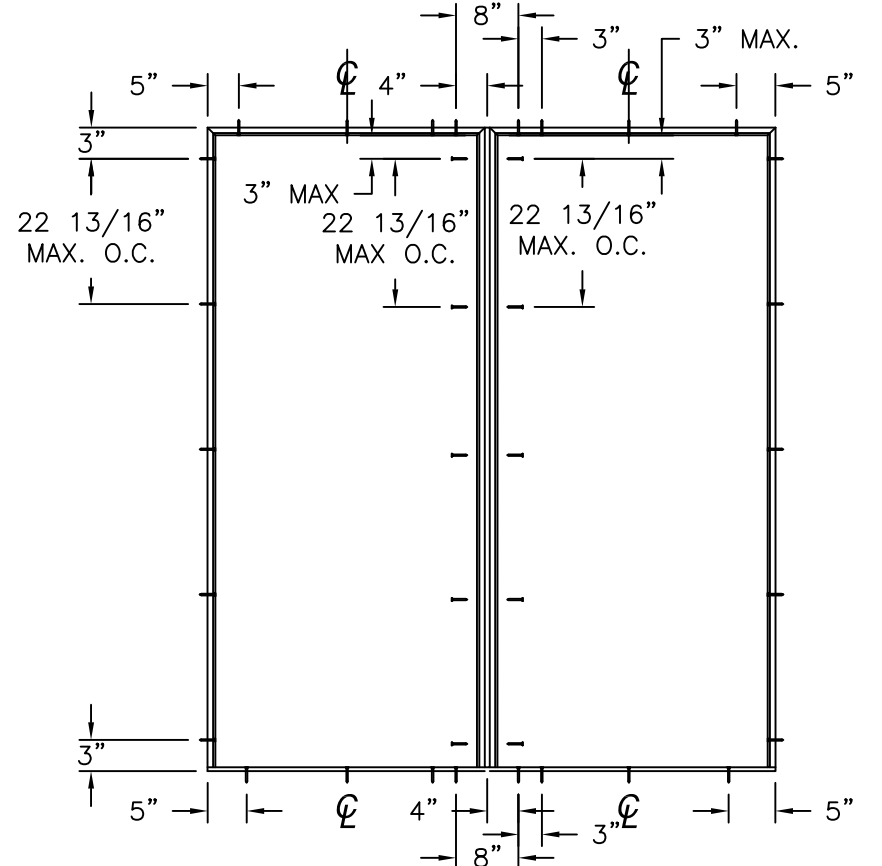


ANCHORING LAYOUT FOR OXO, XXO AND OXX

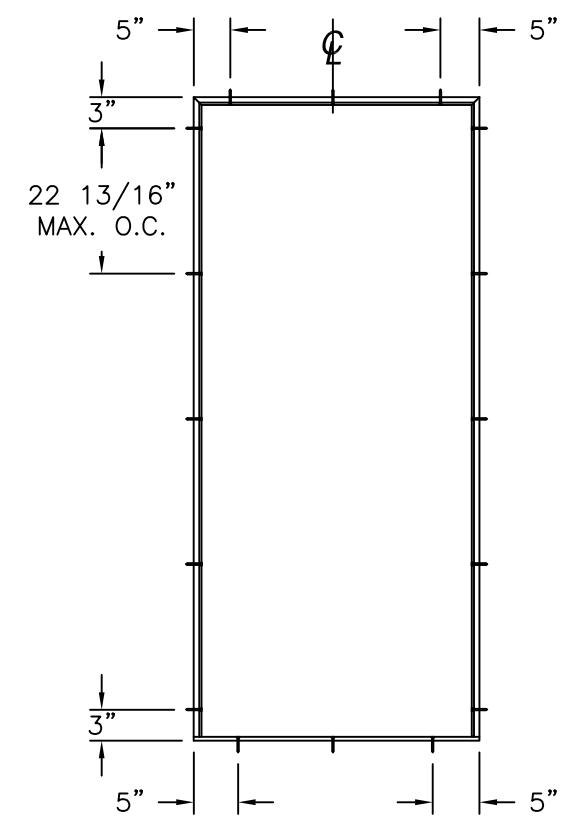
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)



ANCHORING LAYOUT FOR X

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
ANCHORING LAYOUTS

DRAWN:
A.R.

DWG NO.
08-03450

REV
K

SCALE
NTS

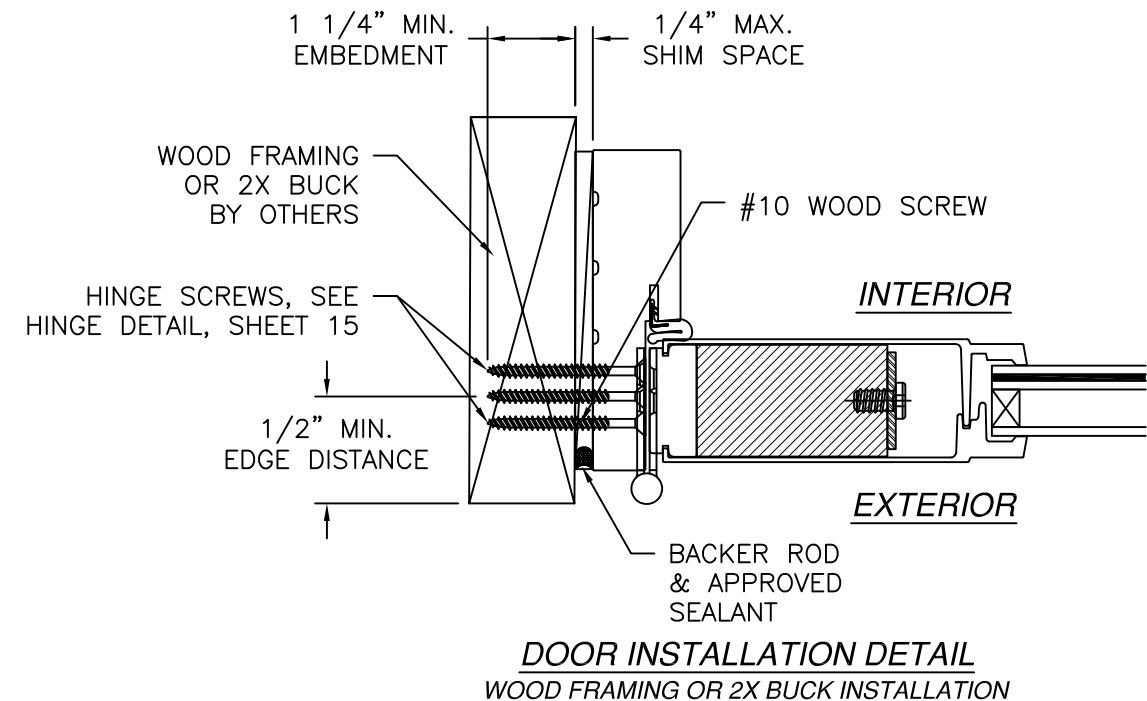
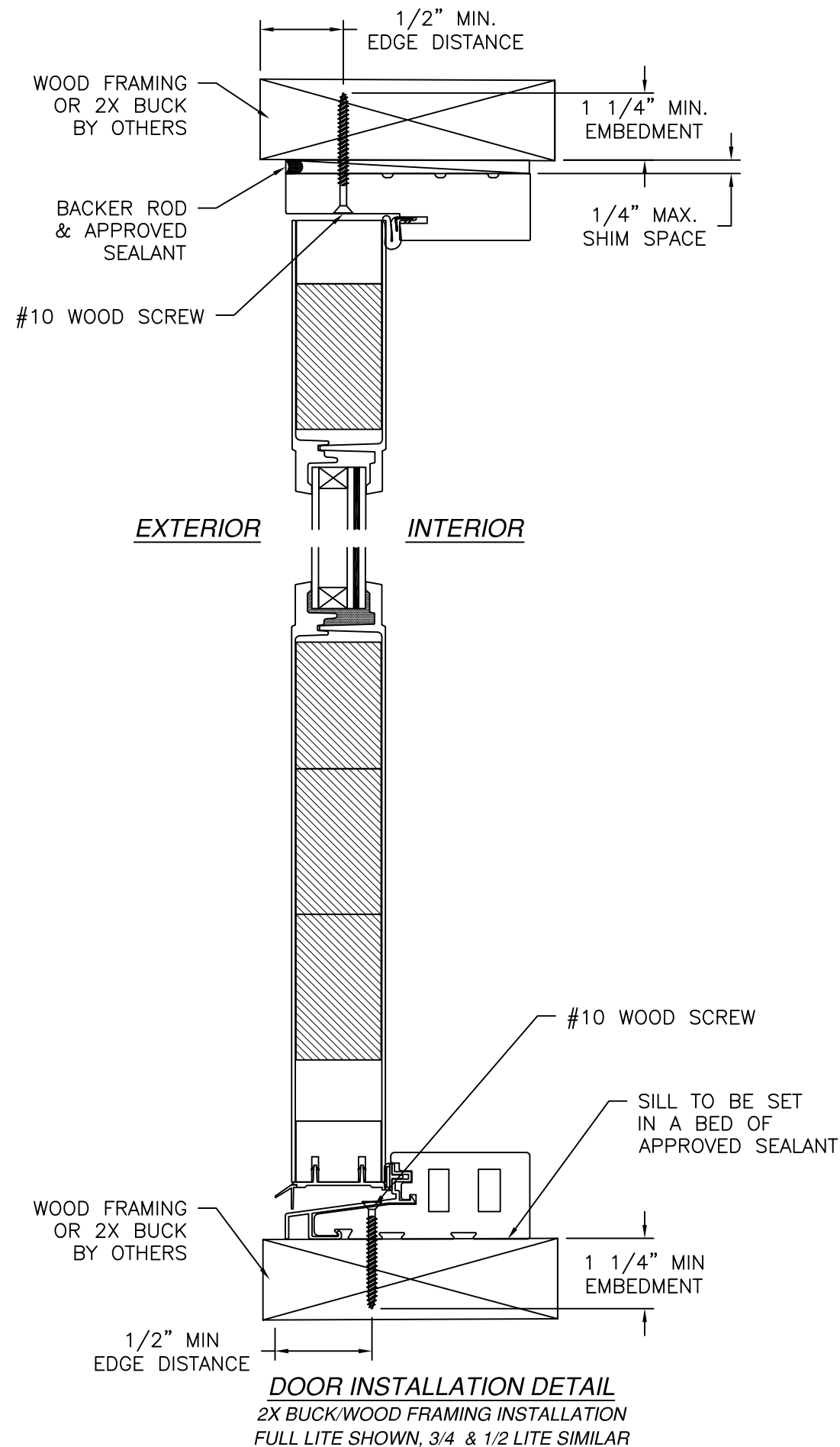
DATE
06/25/19

SHEET
8 OF 22

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

SIGNED: 11/13/2025

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



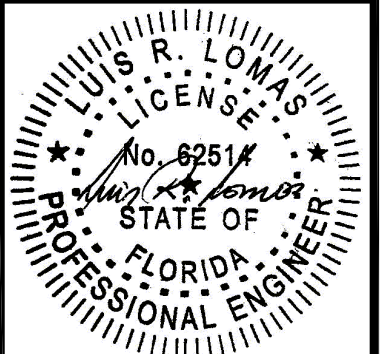
NOTES:

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

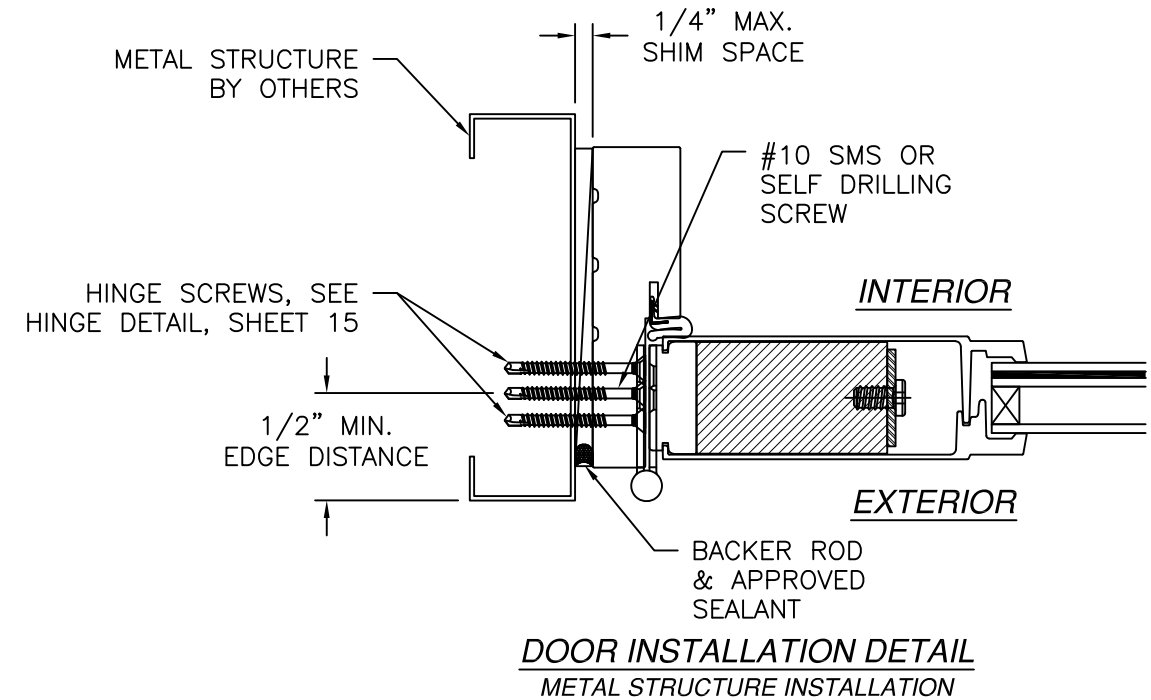
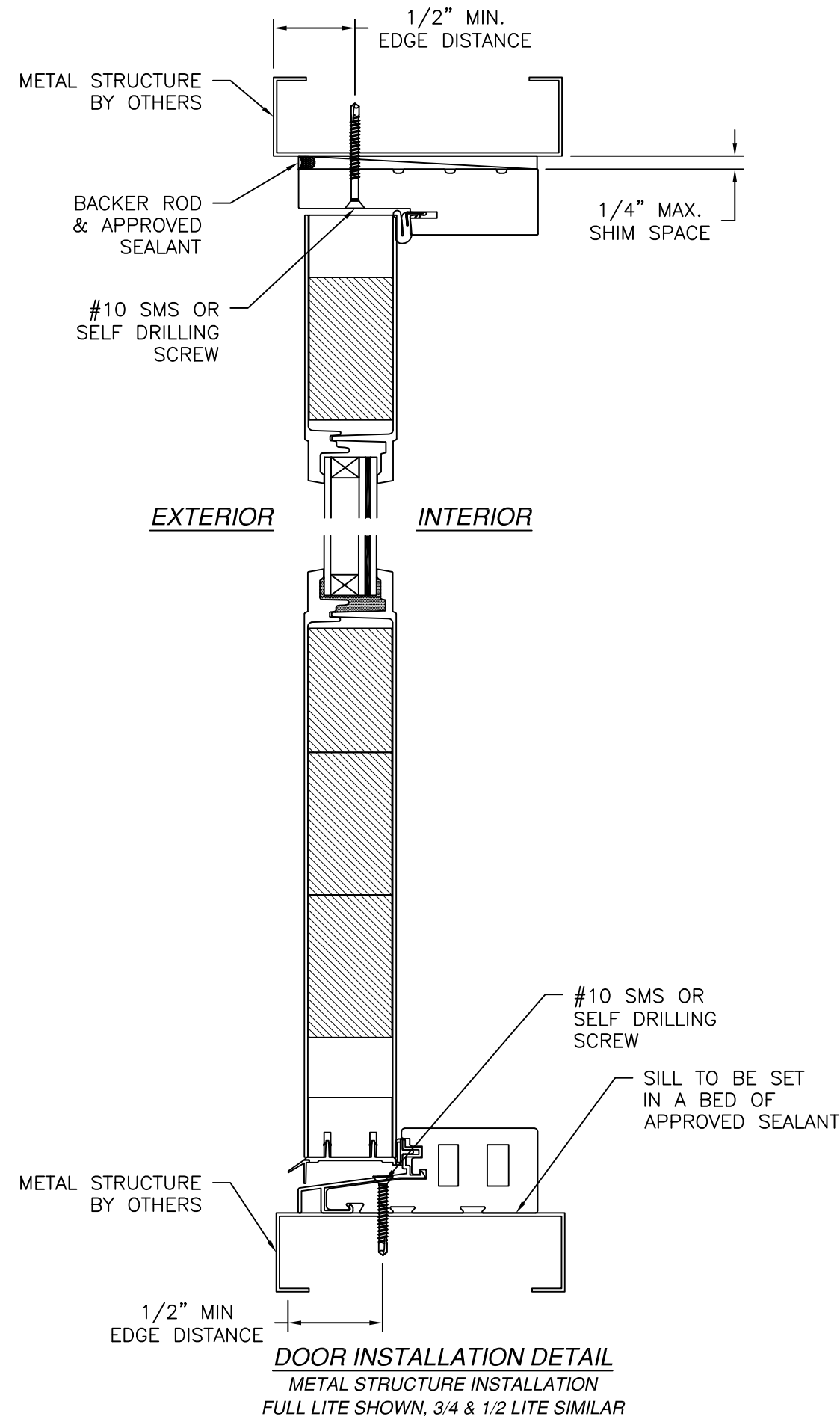
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

SIGNED: 11/13/2025

NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT – HVHZ DOOR INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 9 OF 22
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



NOTES:

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

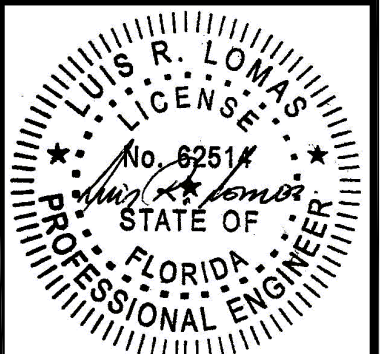
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
DOOR INSTALLATION DETAILS

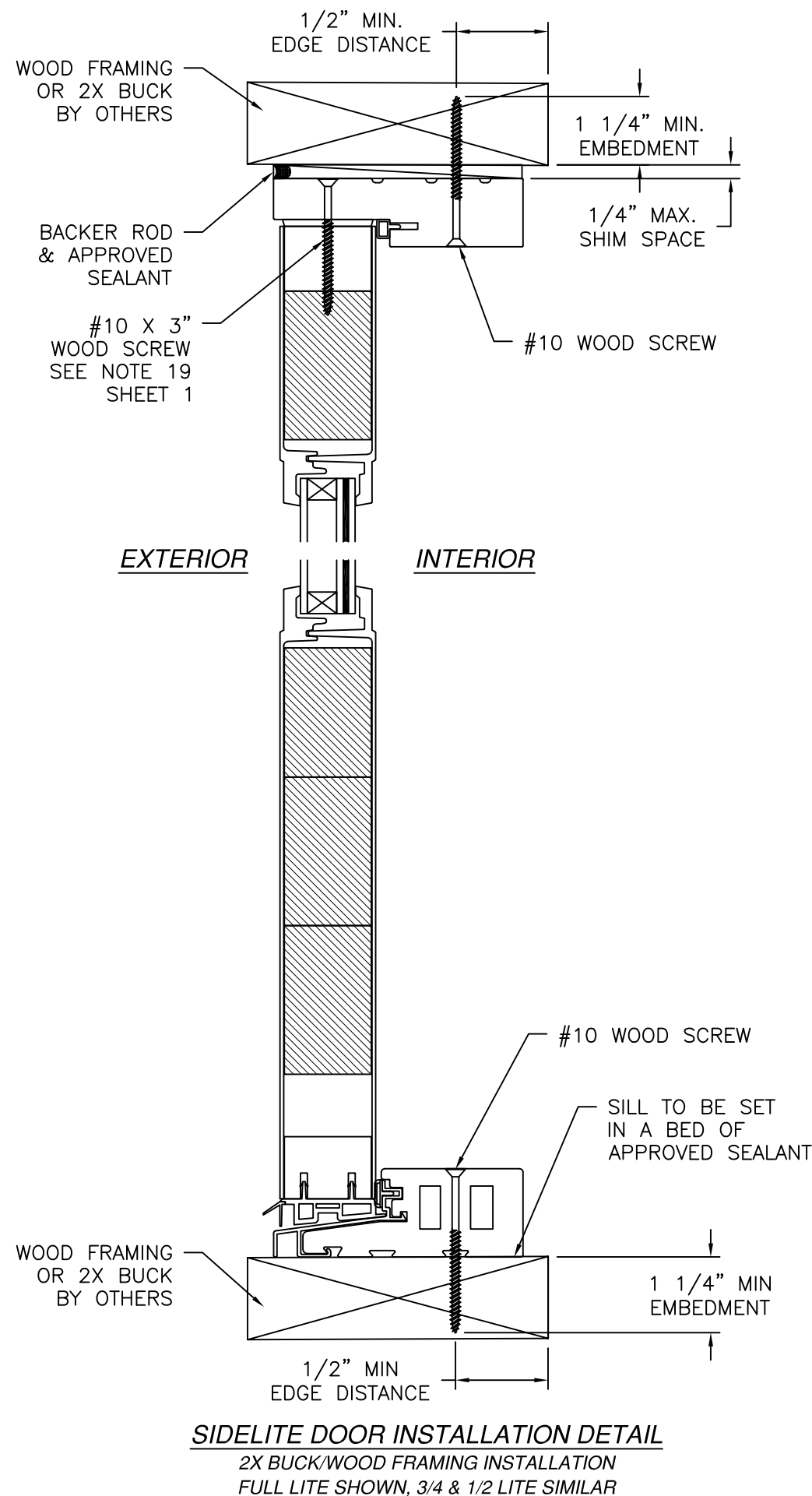
DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 10 OF 22

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com

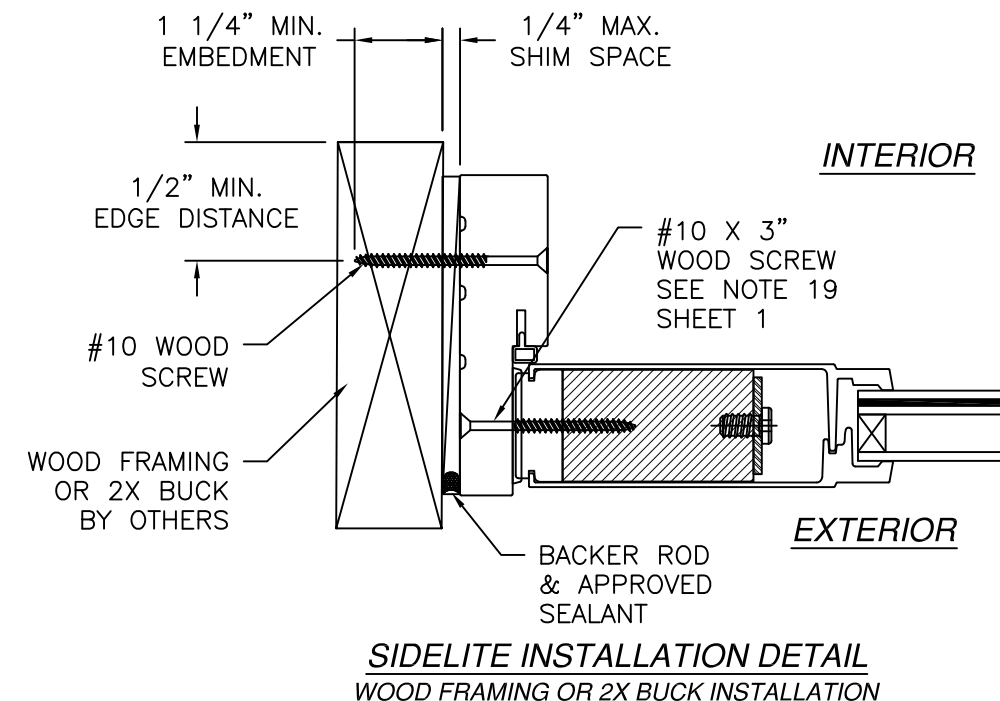
SIGNED: 11/13/2025



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.



NOTES:

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

SIGNED: 11/13/2025

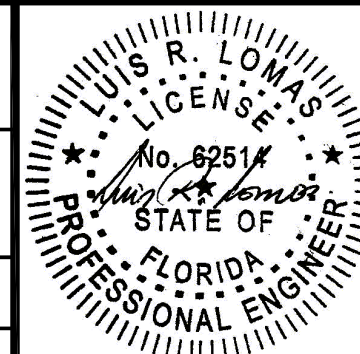
NAN YA PLASTICS CORPORATION U.S.A.

8989 NORTH LOOP EAST
HOUSTON, TX 77029

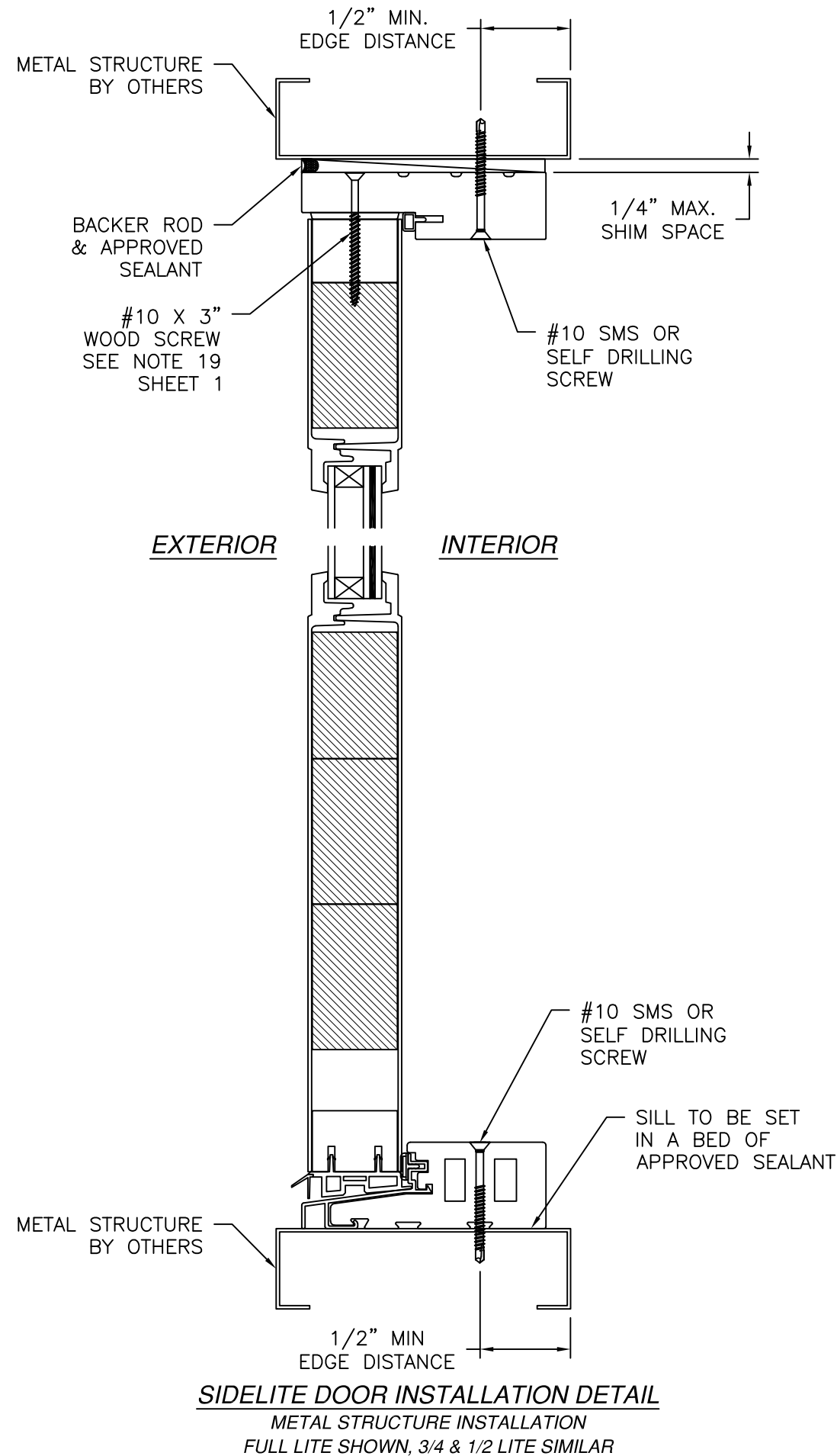
SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
SIDELITE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 12 OF 22

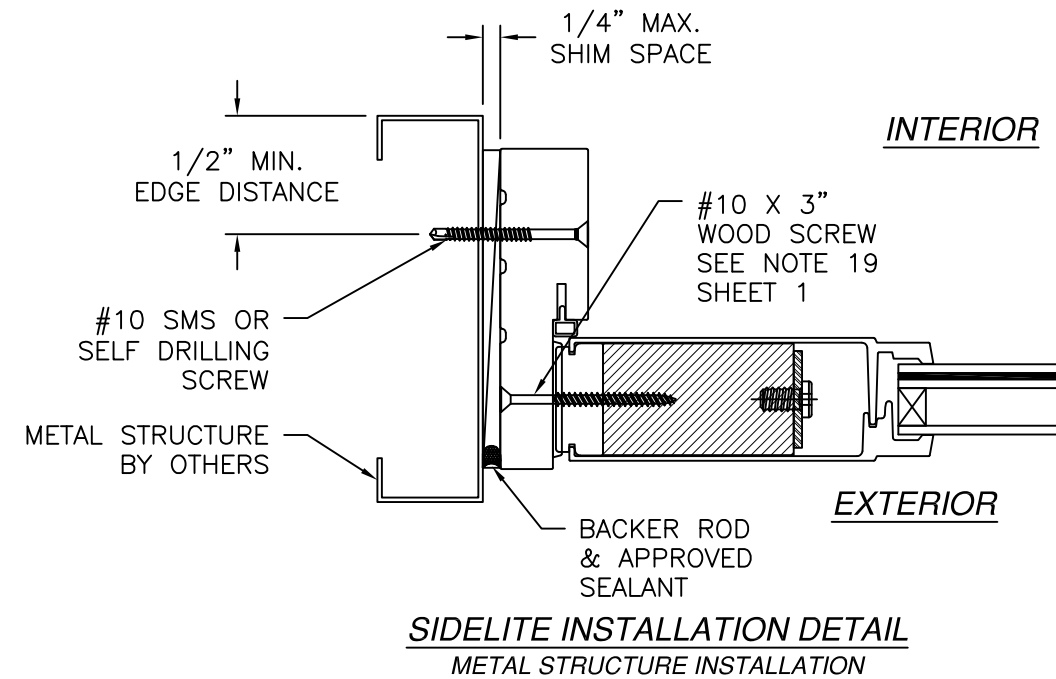
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

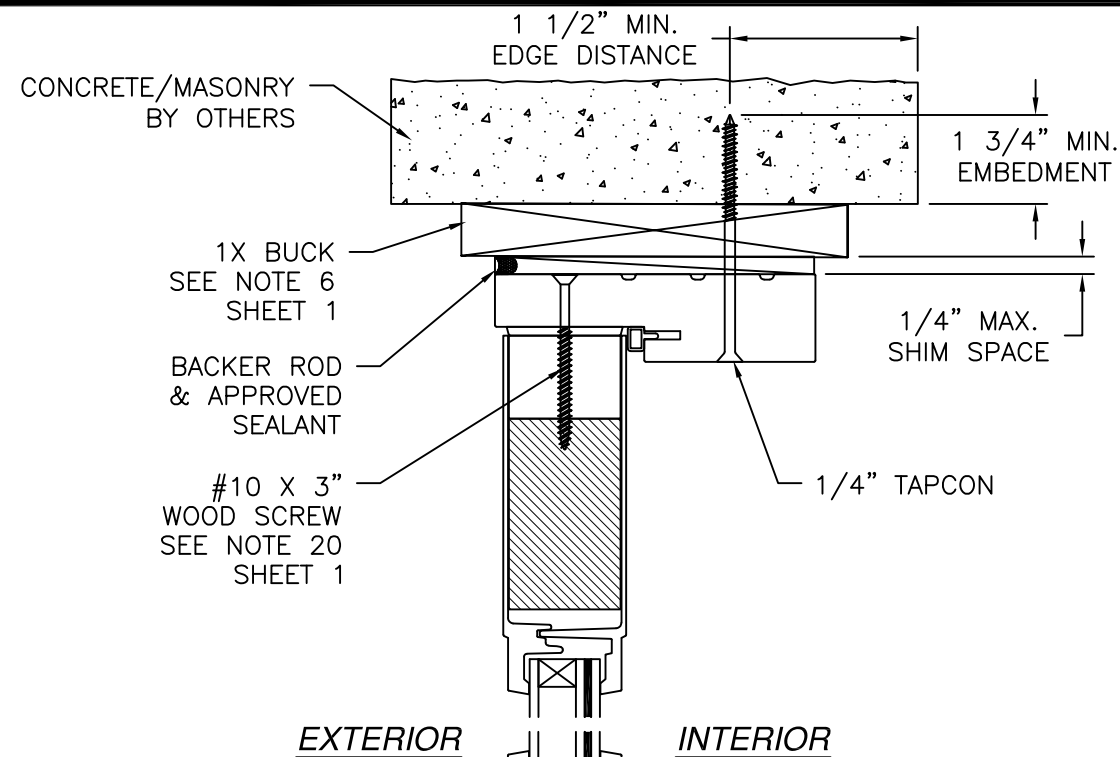


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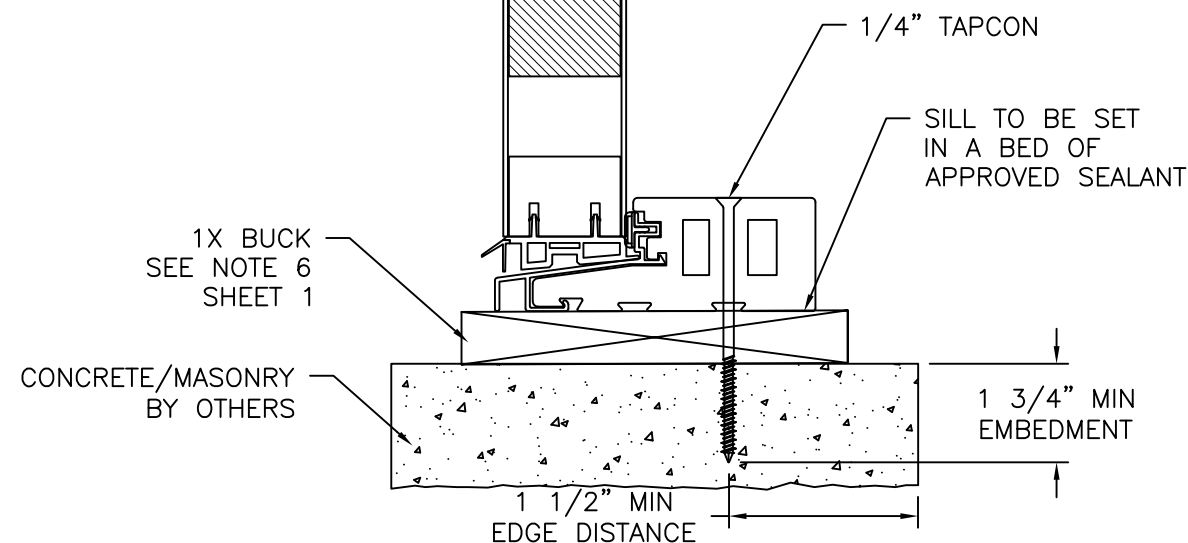
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/13/2025

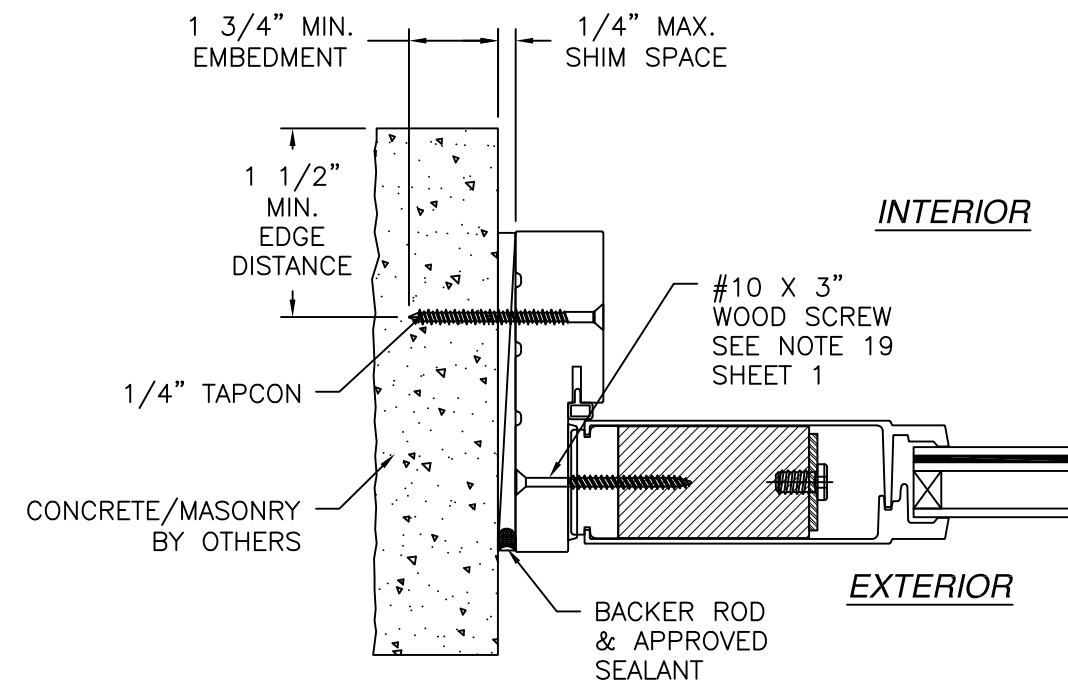
NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029			
SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT - HVHZ SIDELITE INSTALLATION DETAILS			
DRAWN: A.R.	DWG NO. 08-03450	REV K	
SCALE NTS	DATE 06/25/19	SHEET 13 OF 22	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			



SIDELITE INSTALLATION DETAIL
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER
 TO JAMB INSTALLATION DETAIL
 FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.



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

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

SIGNED: 11/13/2025

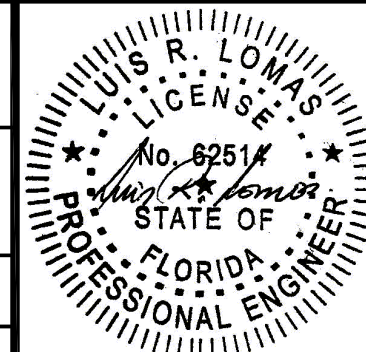
NAN YA PLASTICS CORPORATION U.S.A.

8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
SIDELITE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 14 OF 22

L. ROBERTO LOMAS P.E.
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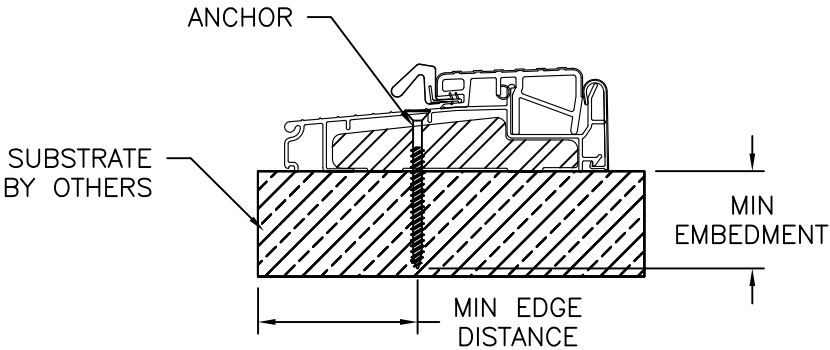


Luis R. Lomas P.E.
FL No.: 62514

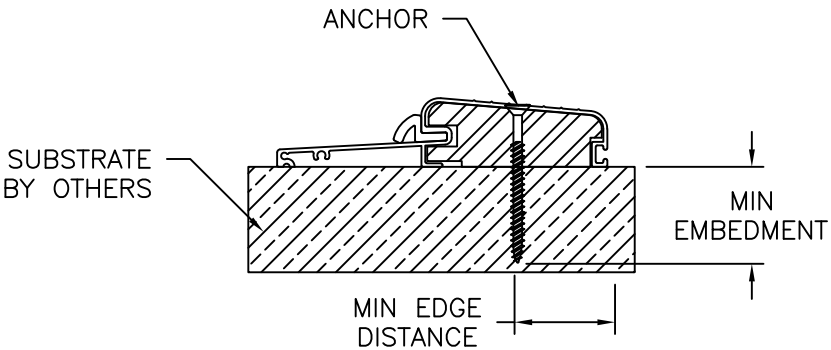
SILLS ANCHORS LOCATIONS

FOR ANCHOR TYPE, EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REFER TO SHEETS 9 - 14
SILLS TO BE SET IN A BED OF APPROVED SEALANT

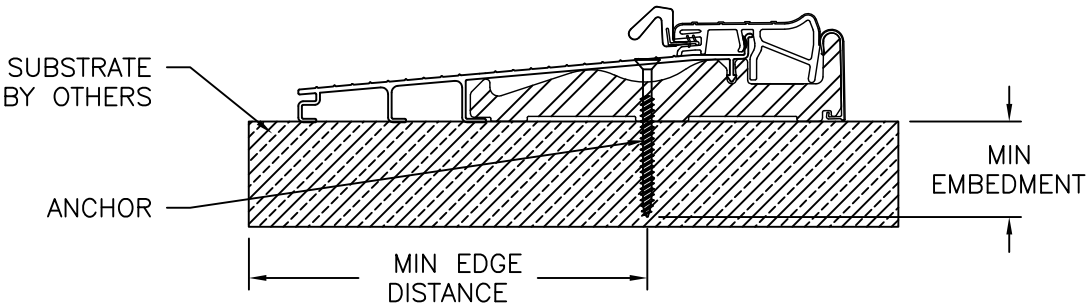
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.



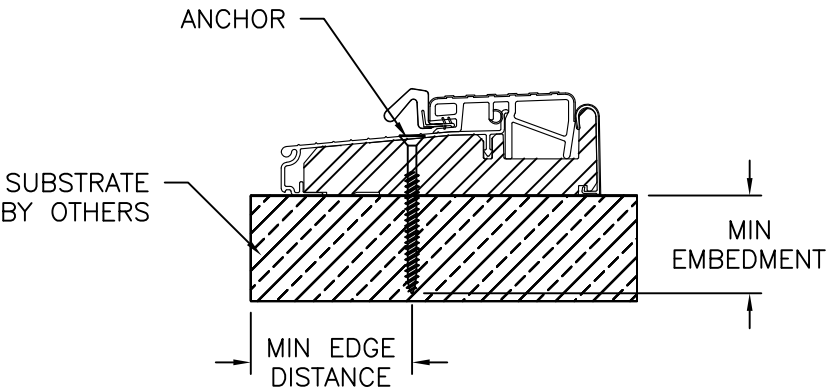
ENDURA THRESHOLD ZOBL4565



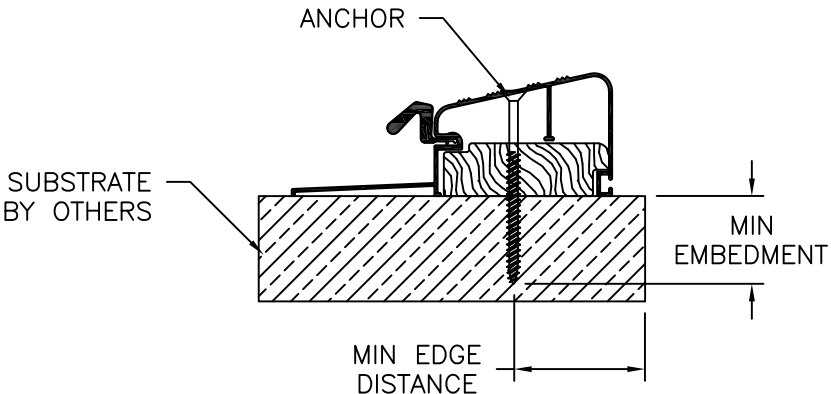
COLUMBIA THRESHOLD 575



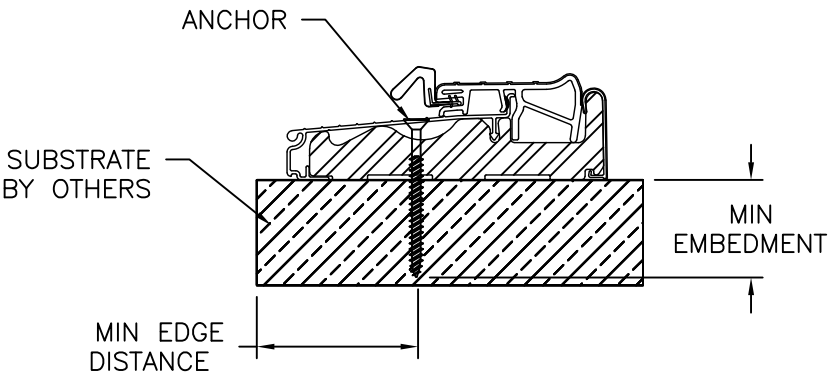
ENDURA THRESHOLD ZOBLH7815



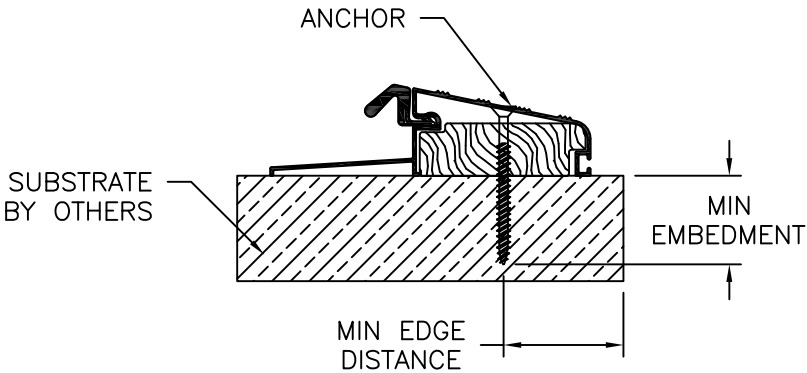
ENDURA THRESHOLD ZOB4565FN



DLP THRESHOLD QOSR



ENDURA THRESHOLD ZOBLH4565



DLP THRESHOLD QOSH

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
INSTALLATION DETAILS

DRAWN:
A.R.

DWG NO.
08-03450

REV
K

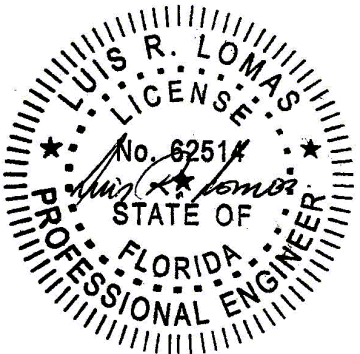
SCALE
NTS

DATE
06/25/19

SHEET
15 OF 22

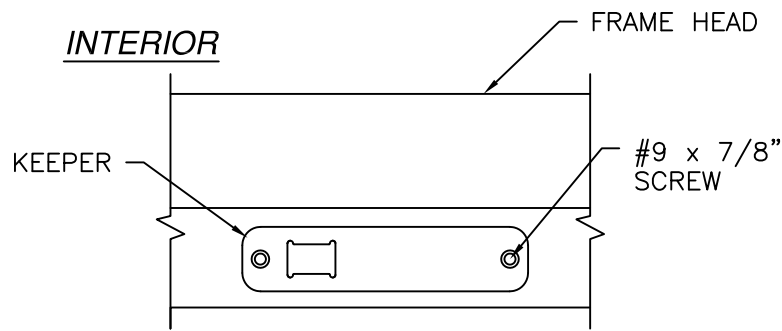
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/13/2025

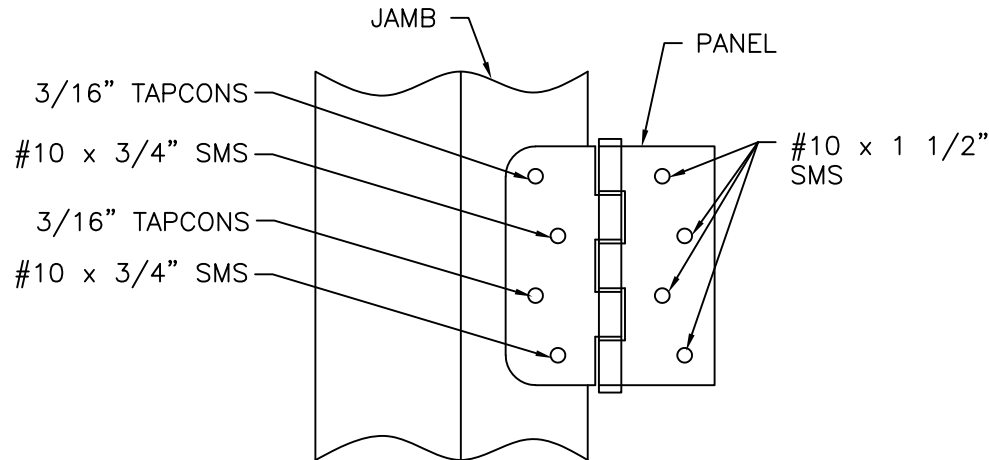


Luis R. Lomas P.E.
FL No.: 62514

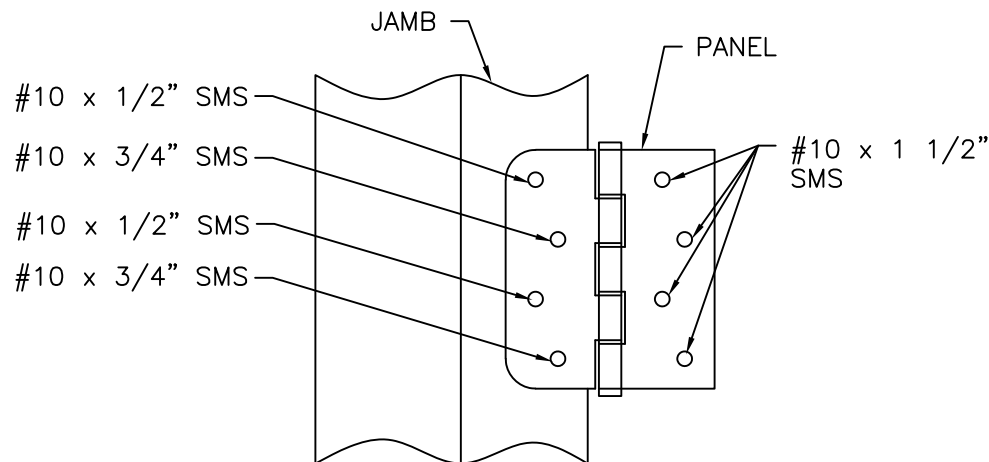
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.



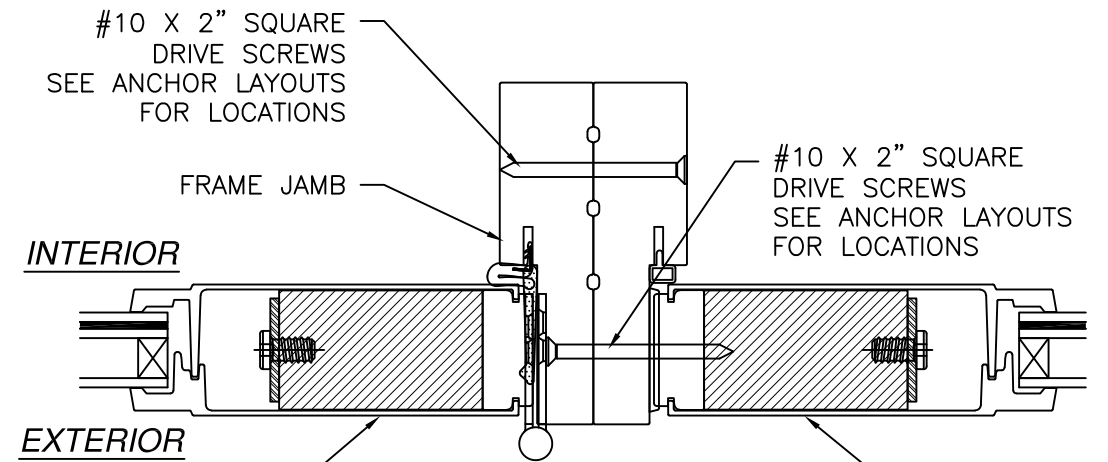
HEAD KEEPER DETAIL



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

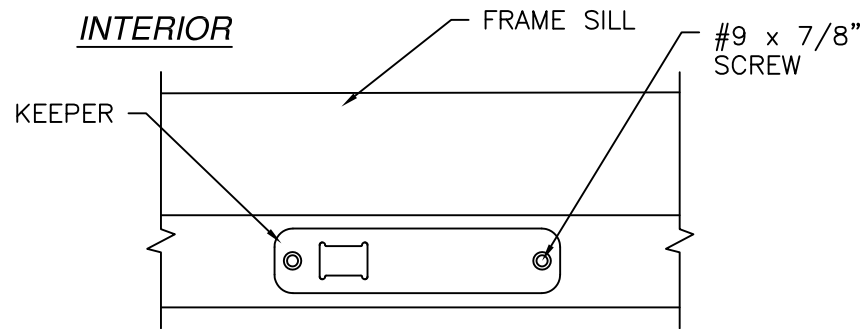


HINGE INSTALLATION DETAIL
WOOD AND METAL INSTALLATION

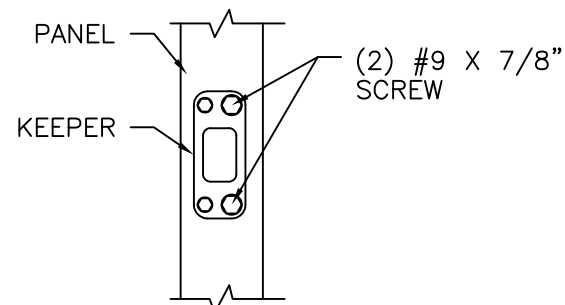


MULLION DETAIL

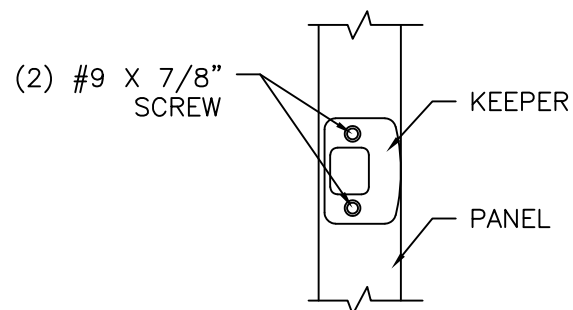
DOOR ANCHORS SCREWS NOT SHOWN FOR CLARITY
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR



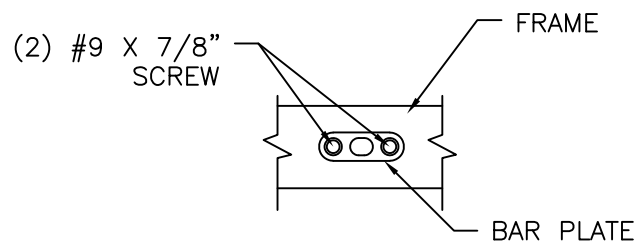
SILL KEEPER DETAIL



DEADBOLT KEEPER DETAIL



LATCH KEEPER DETAIL



DRIVE BAR PLATE DETAIL

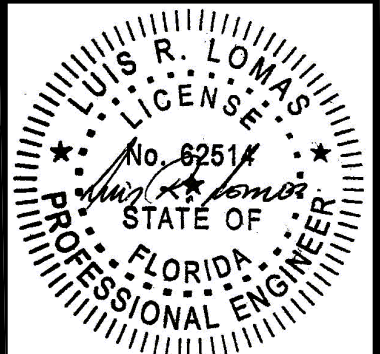
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
INSTALLATION DETAILS

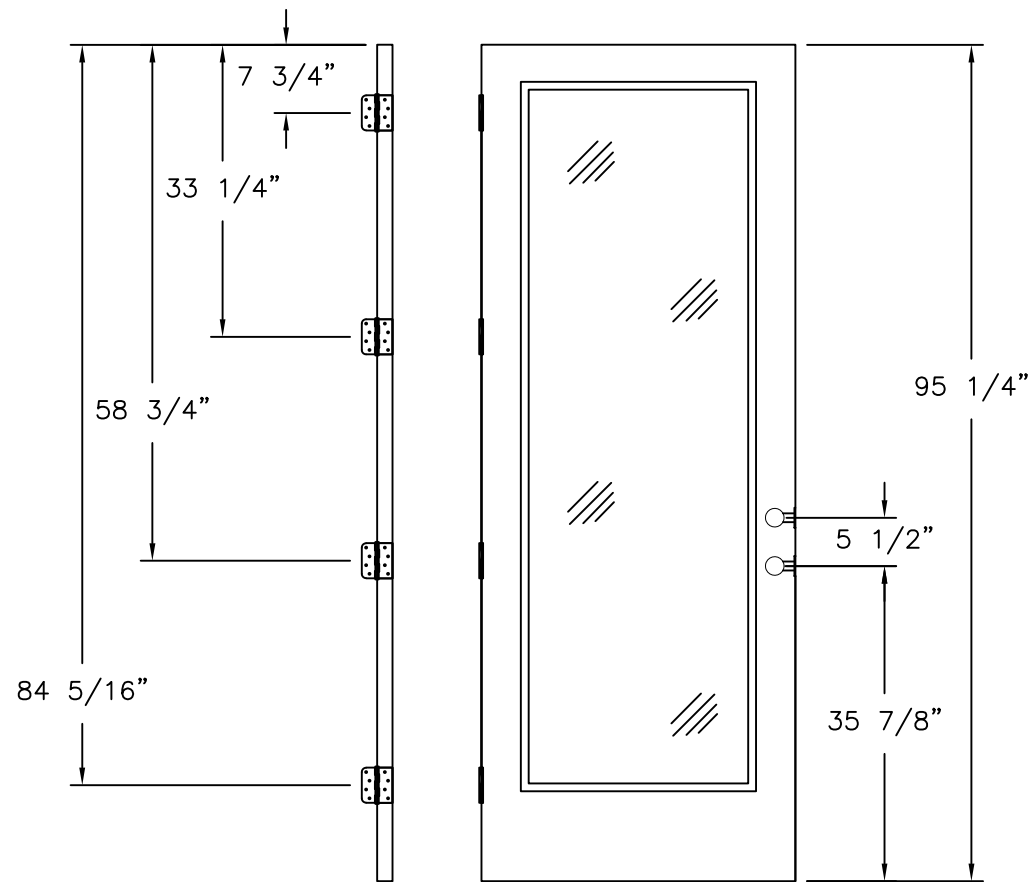
DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 16 OF 22

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

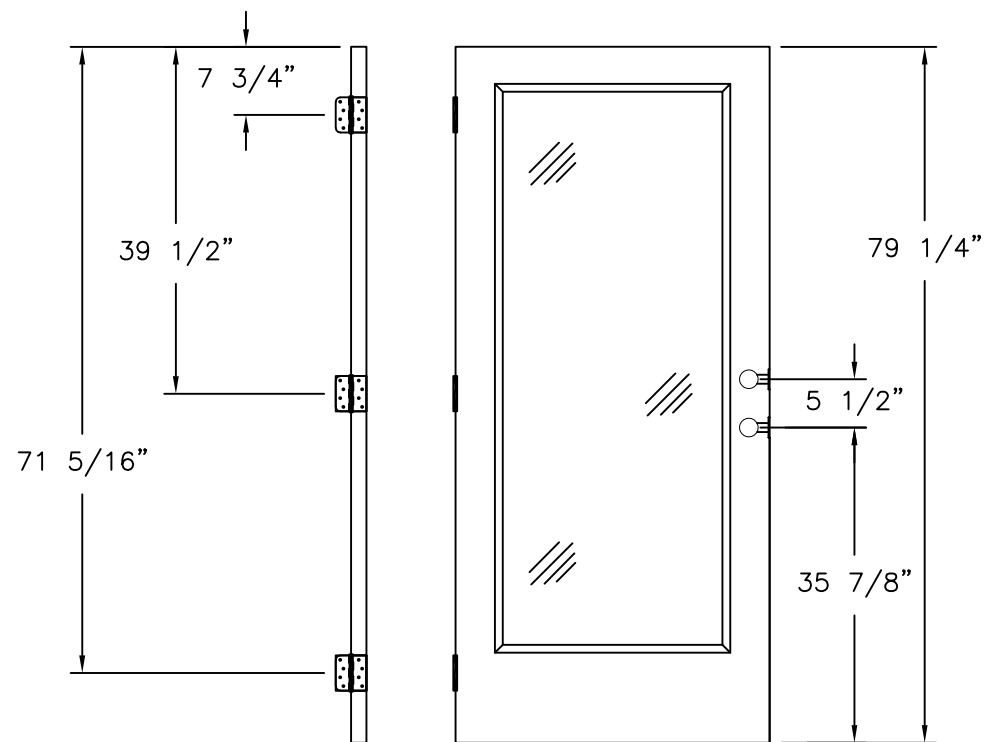
SIGNED: 11/13/2025



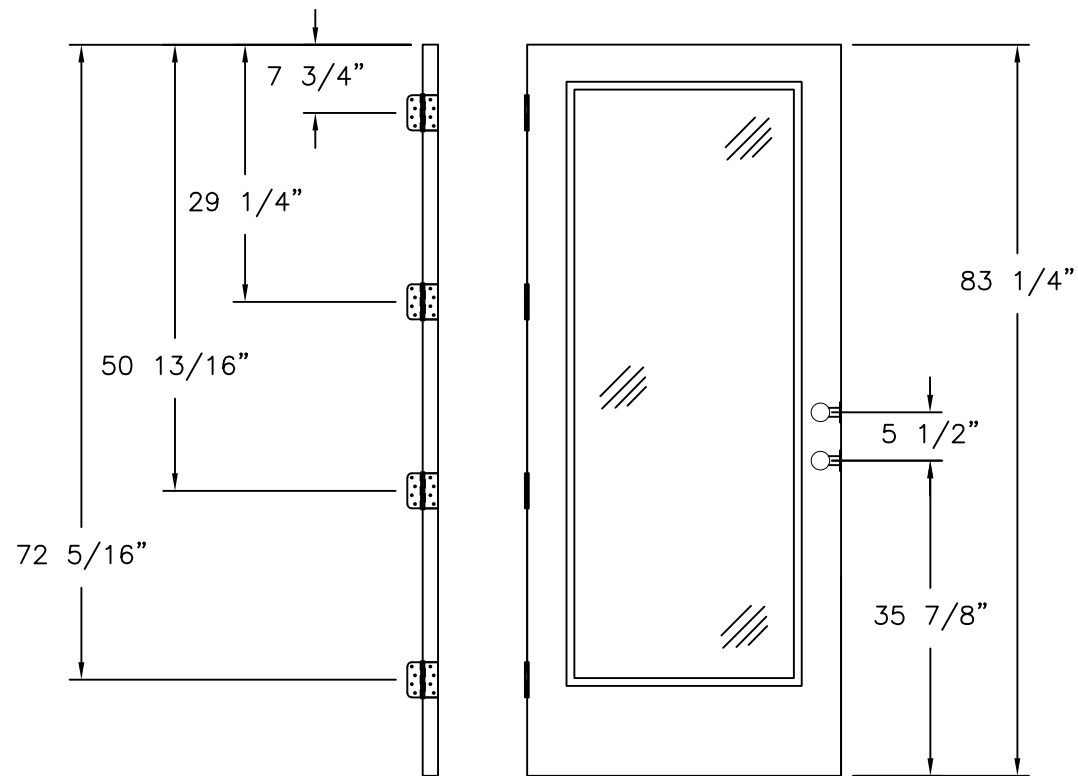
Luis R. Lomas P.E.
FL No.: 62514



LOCK AND HINGES LOCATIONS
8' UNIT, FULL LITE, 3/4 AND 1/2 LITE PANELS



LOCK AND HINGES LOCATIONS
6'8" UNIT, FULL LITE, 3/4 AND 1/2 LITE PANELS



LOCK AND HINGES LOCATIONS
7' UNIT, FULL LITE, 3/4 AND 1/2 LITE PANELS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

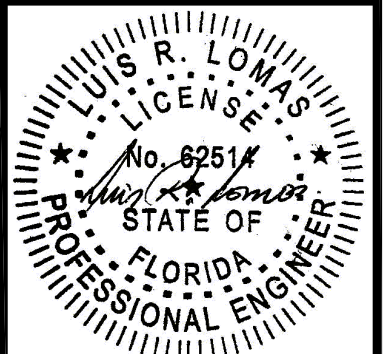
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
INSTALLATION DETAILS

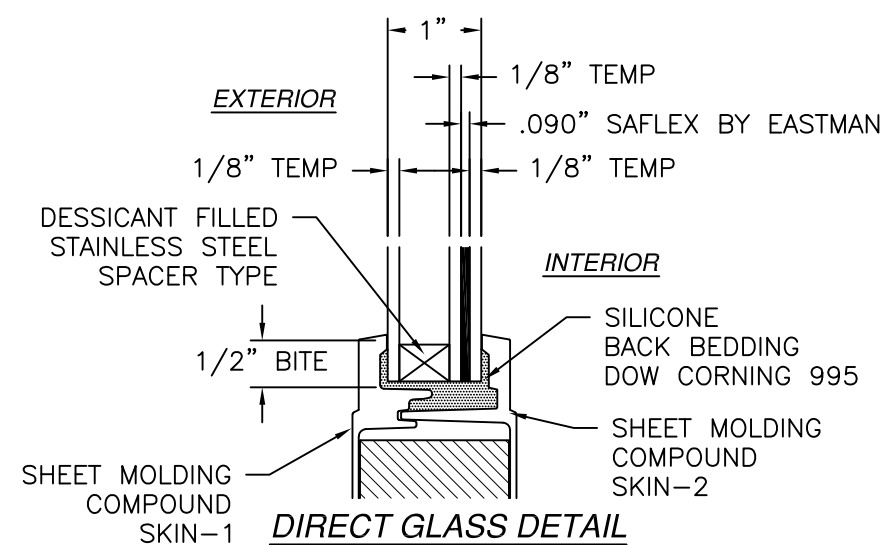
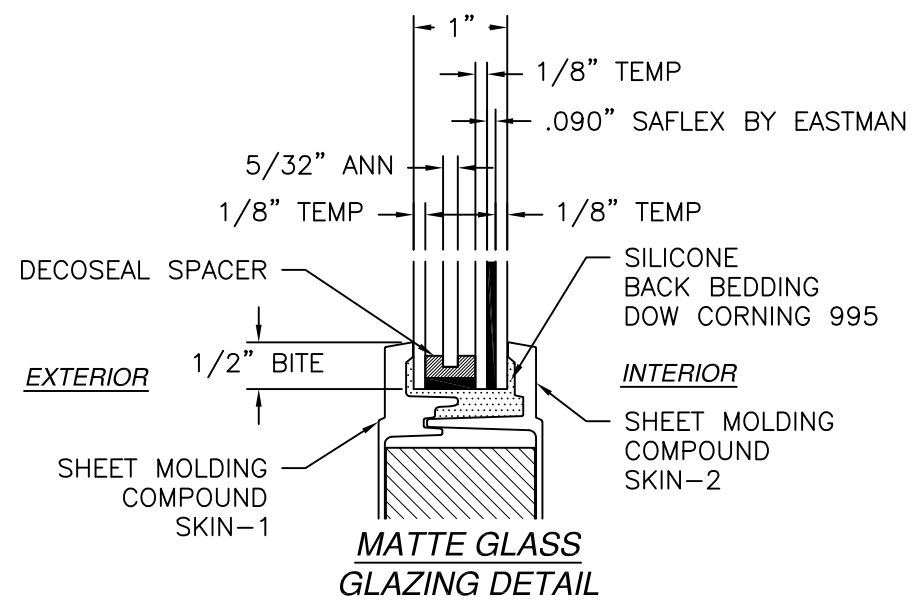
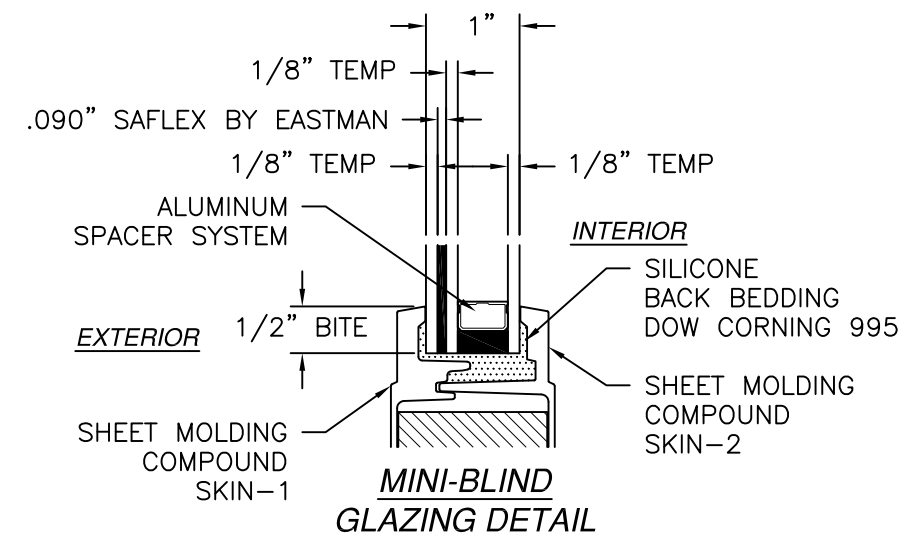
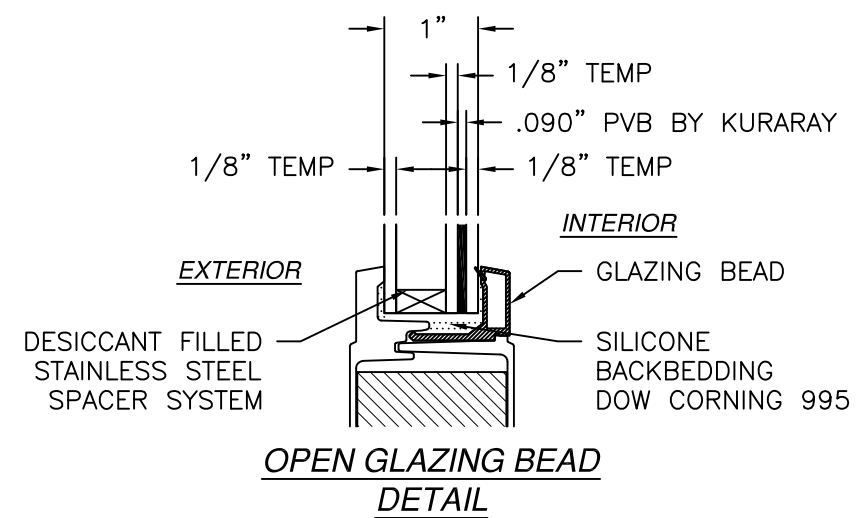
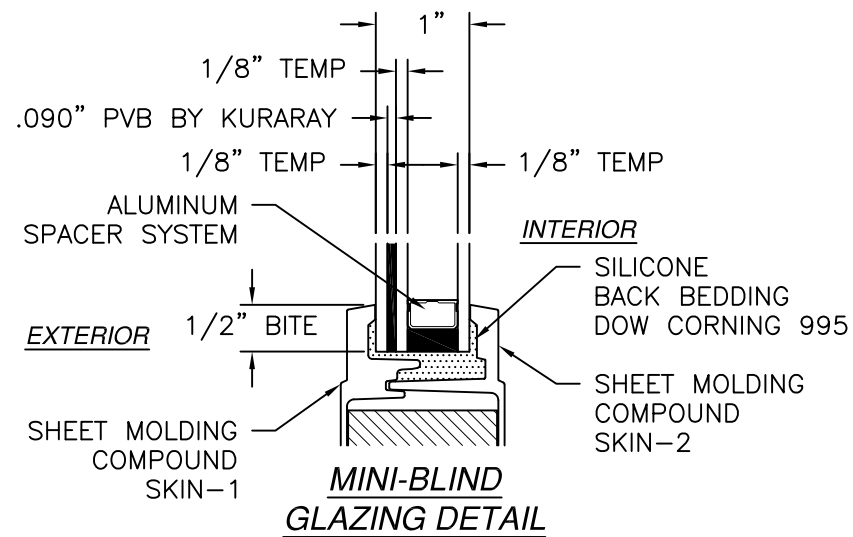
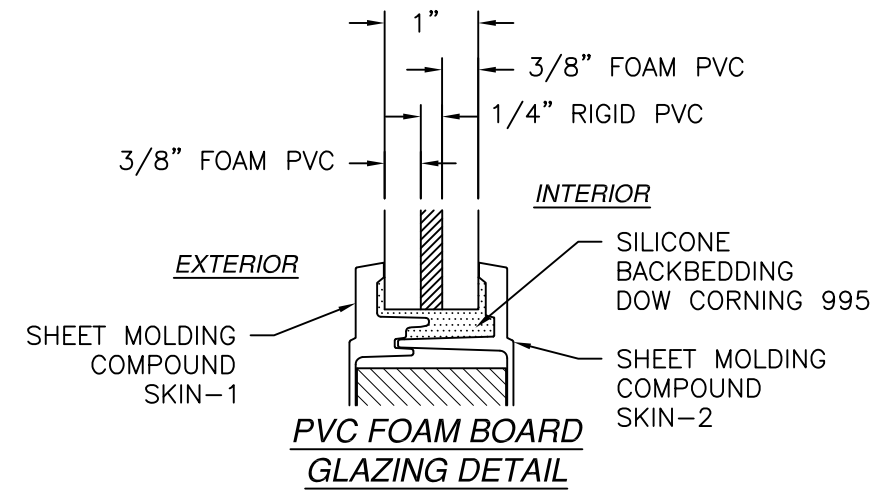
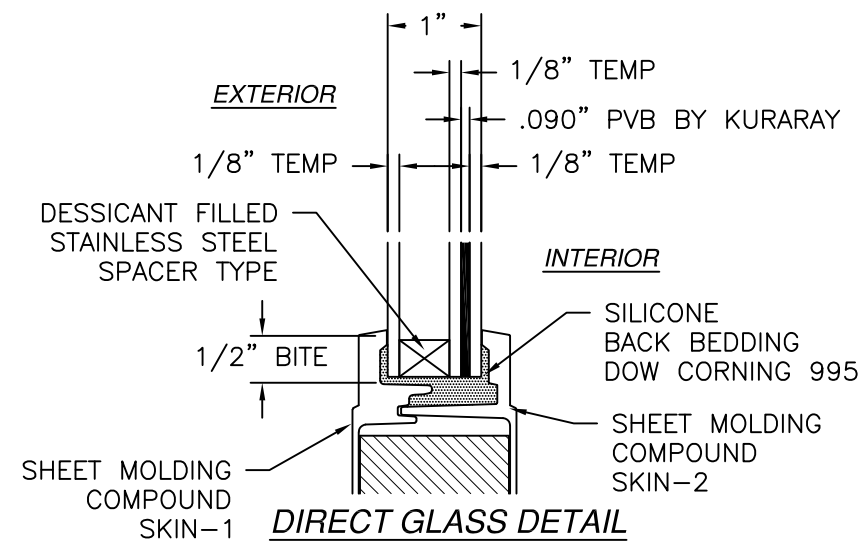
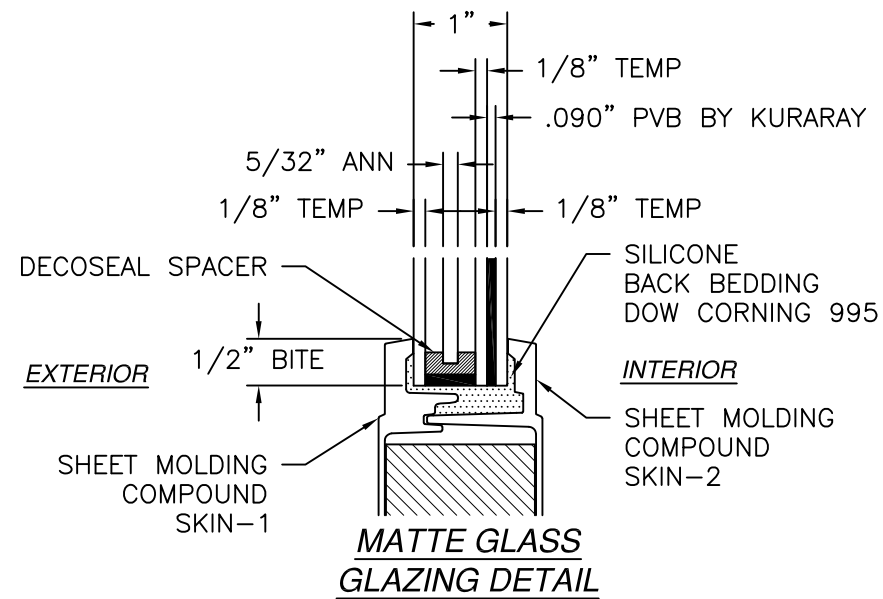
DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 17 OF 22

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SIGNED: 11/13/2025



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

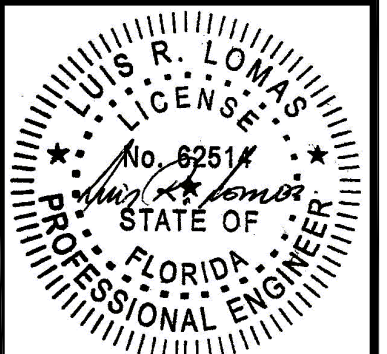
NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

**SLPS PATIO DOOR LITE 8'0 OUTSWING
 LARGE MISSILE IMPACT - HVHZ
 GLAZING DETAILS**

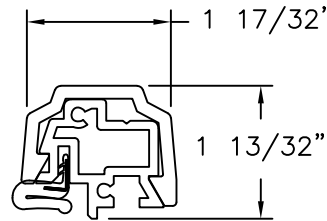
DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 18 OF 22

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

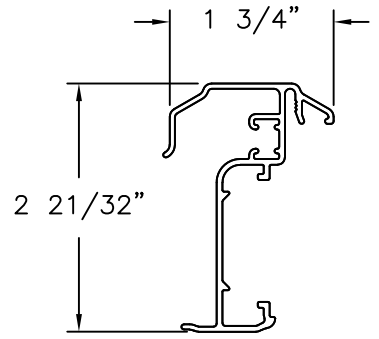
SIGNED: 11/13/2025



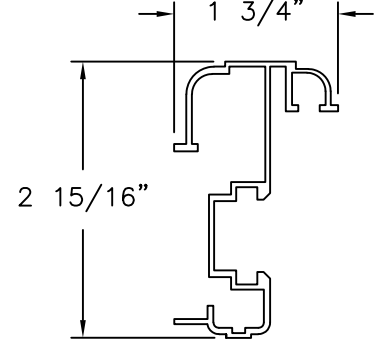
Luis R. Lomas P.E.
 FL No.: 62514



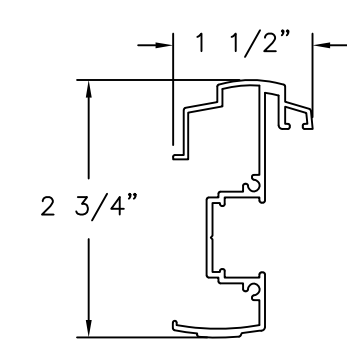
T-ASTRAGAL
RIGID PVC



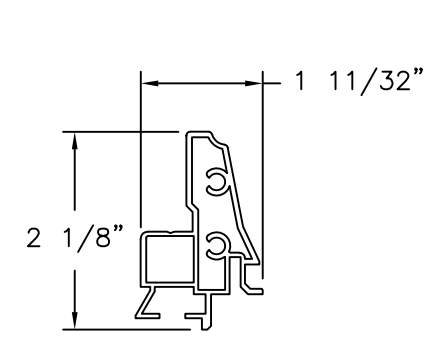
ENDURA ULTIMATE PUSH BUTTON
ASTRAGAL
ALTERNATE



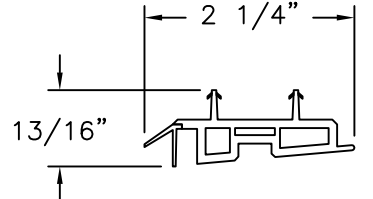
DLP ASTRAGAL
ALTERNATE



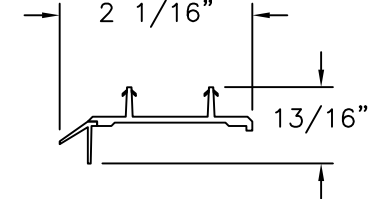
COLUMBIA T-ASTRAGAL
.060" THICKNESS, ALUMINUM 6063-T5
ALTERNATE



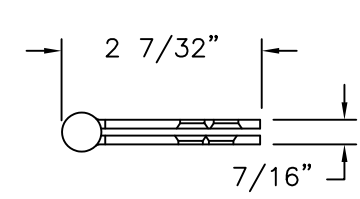
REINFORCEMENT (B)
ALUMINUM



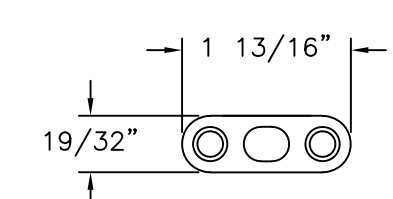
DOOR BOTTOM-B
PVC CO-EX



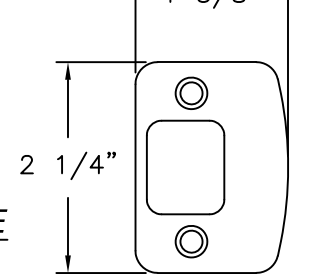
DOOR BOTTOM-A
PVC CO-EX



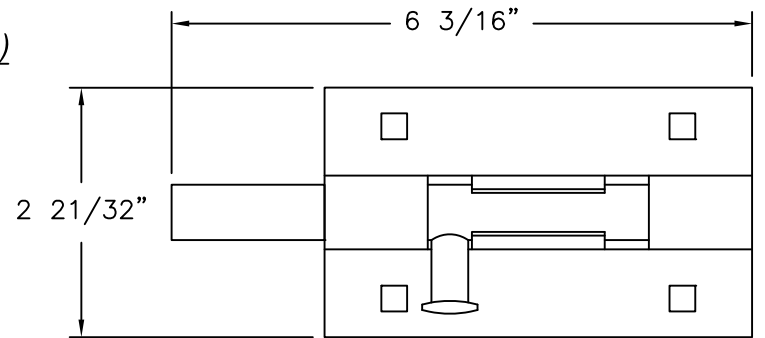
4\" X 4\" DOOR HINGE
STEEL



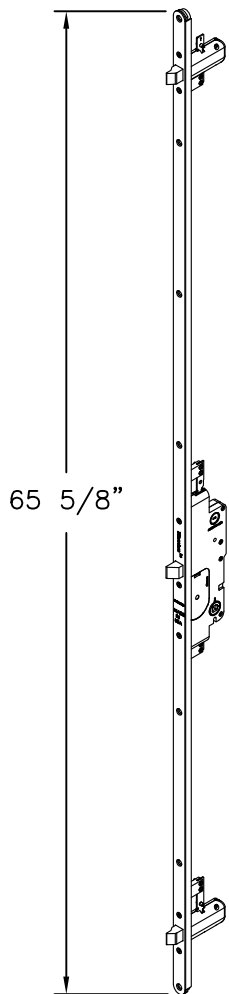
DRIVE BAR PLATE
STAINLESS STEEL



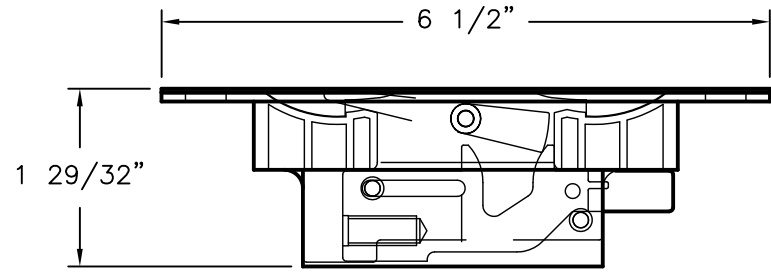
LATCH KEEPER
STAINLESS STEEL



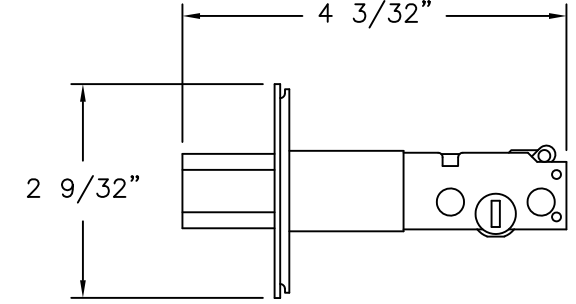
BARREL BOLT
STEEL



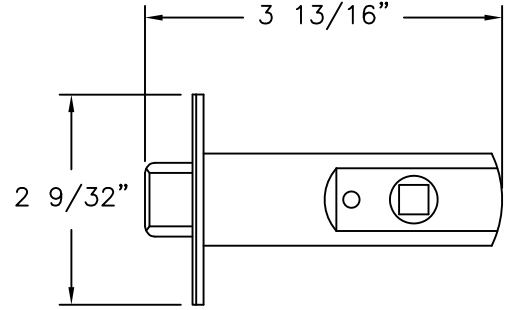
TRILENNIUM 3000



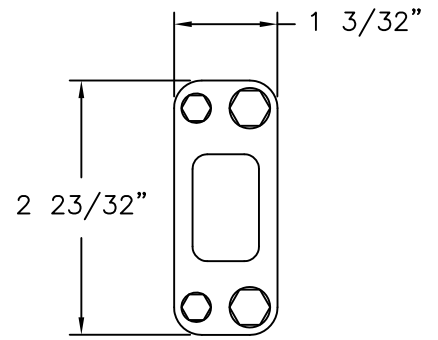
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X BY MICOTA TECH)



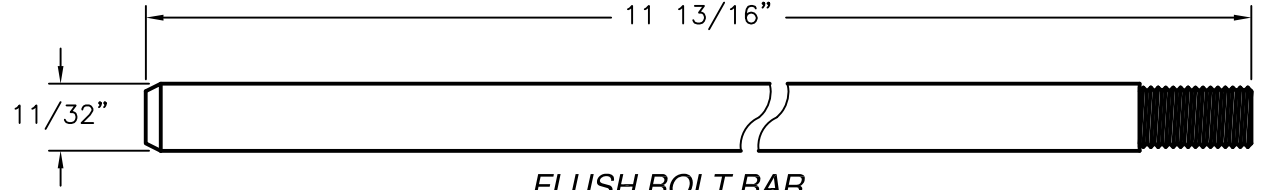
DOOR DEADBOLT
STEEL (KWIKSET 980)



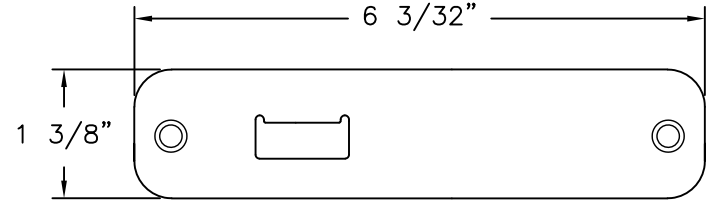
DOOR LATCH
STEEL (KWIKSET 400T-3-6AL-RCS)



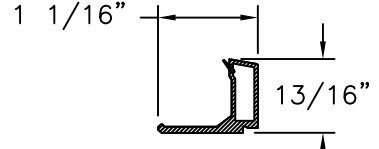
DEADBOLT KEEPER
STAINLESS STEEL (KWIKSET 980)



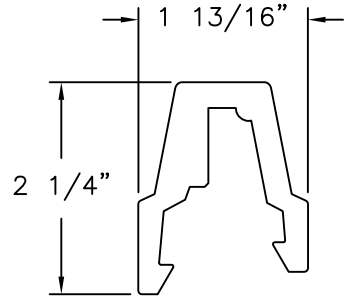
FLUSH BOLT BAR
STAINLESS STEEL (SS93B)



TOP/BOTTOM BAR KEEPER
STAINLESS STEEL (SS92H)



GLAZING BEAD
FOAM PVC



MULLION COVER (B)
FOAM PVC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
COMPONENTS

DRAWN:
A.R.

DWG NO.
08-03450

REV
K

SCALE
NTS

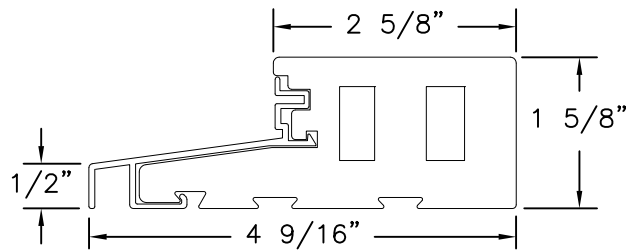
DATE
06/25/19

SHEET
19 OF 22

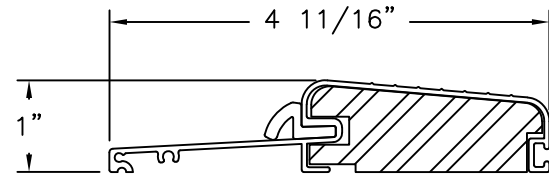
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/13/2025

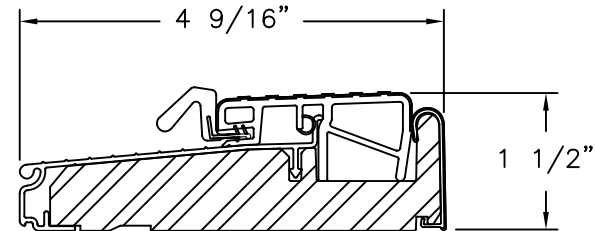
Luis R. Lomas P.E.
FL No.: 62514



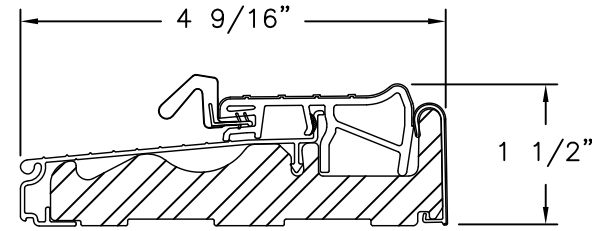
DOOR SILL
FOAM PVC CO-EX & ALUMINUM



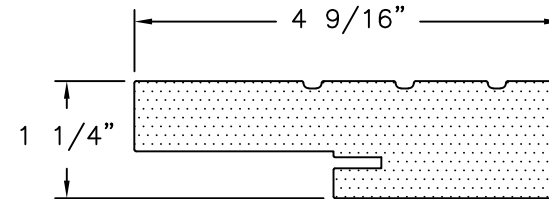
COLUMBIA THRESHOLD 575
ALTERNATE



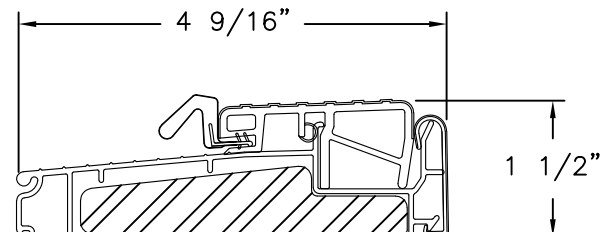
ENDURA THRESHOLD ZOB4565FN
ALTERNATE



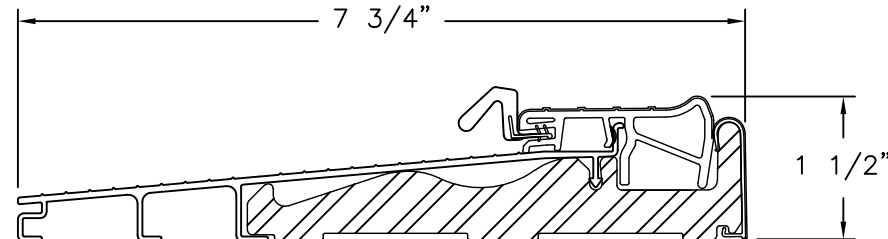
ENDURA THRESHOLD ZOBLH4565
ALTERNATE



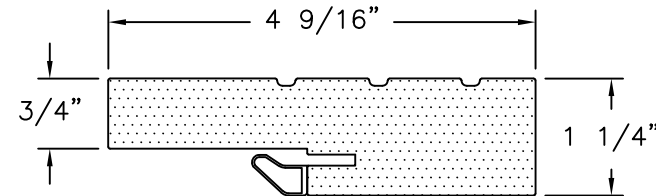
FRAME STANDARD
COMPOSITE



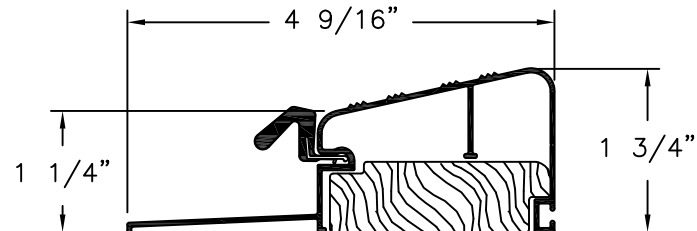
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ALTERNATE



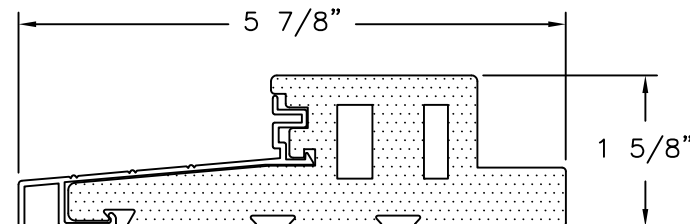
ENDURA THRESHOLD ZOBLH7815
ALTERNATE



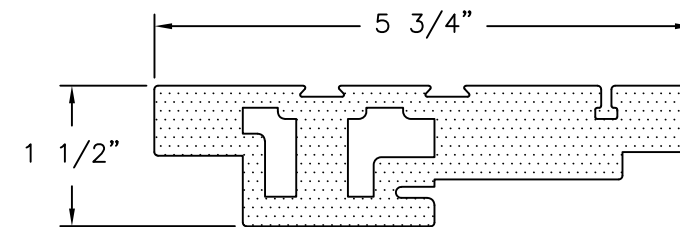
FRAME SOFT PVC
COMPOSITE



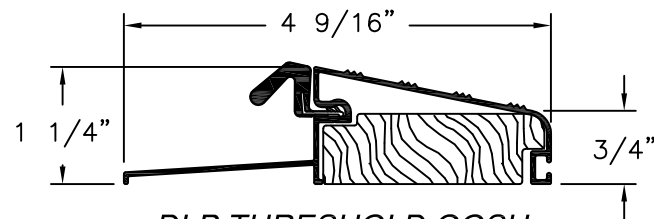
DLP THRESHOLD QOSR
ALTERNATE



NEUMA SILL
ALTERNATE



NEUMA HEAD FRAME & JAMB
COMPOSITE



DLP THRESHOLD QOSH
ALTERNATE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

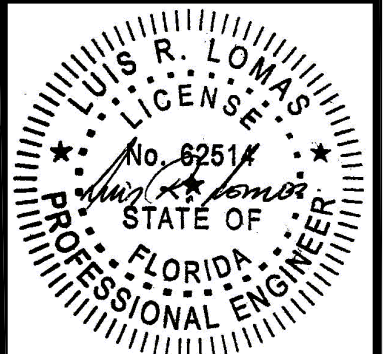
SIGNED: 11/13/2025

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
COMPONENTS

DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 20 OF 22

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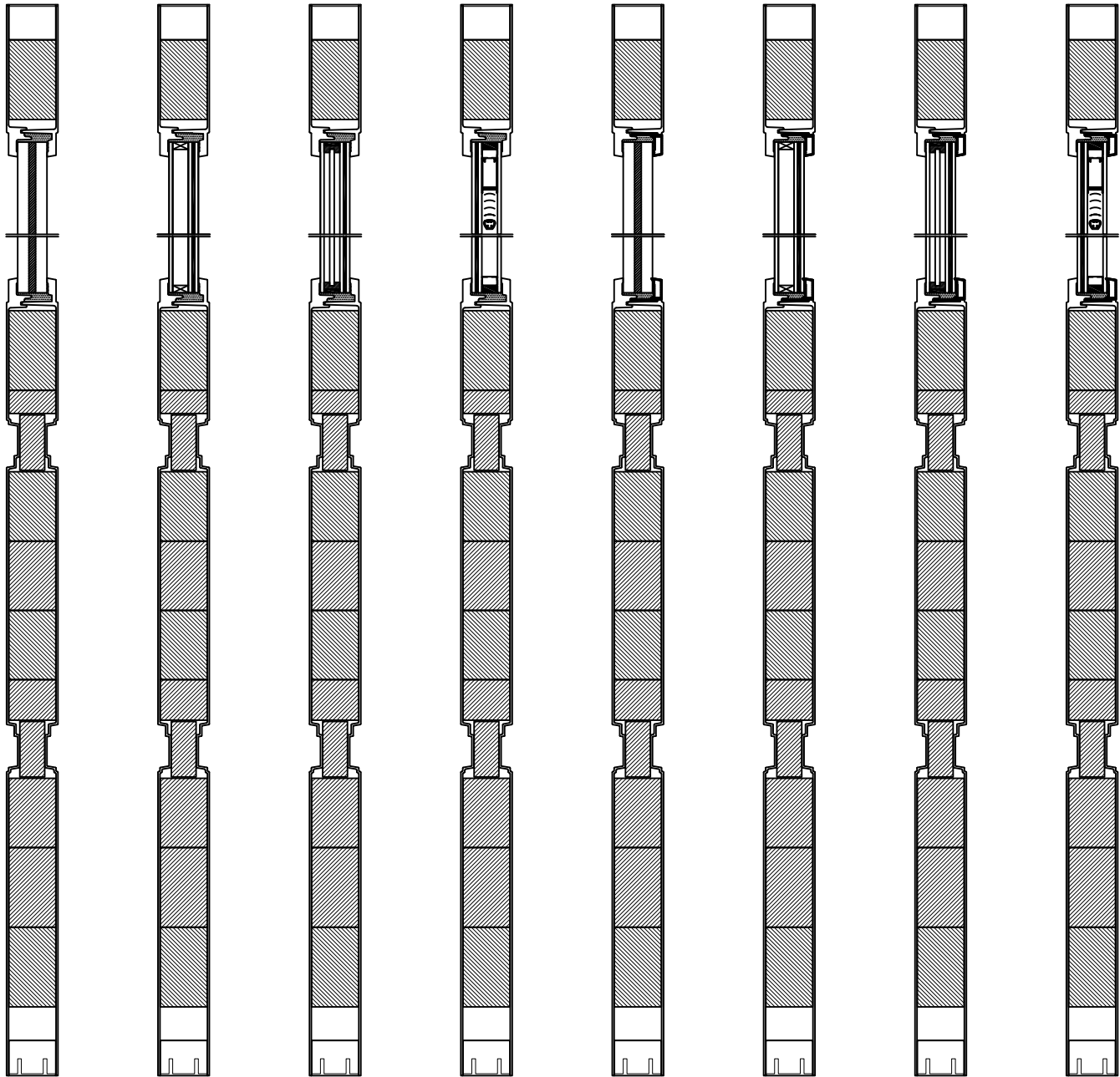
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

APPROVED PANEL CONFIGURATIONS
3/4 LITE

DIRECT GLAZING

OPEN GLAZING BEAD



W/PVC FOAM BOARD
SEE NOTE 9
SHEET 5

W/STD GLASS

W/MATTE GLASS

W/MINI-BLIND

W/PVC FOAM BOARD
SEE NOTE 9
SHEET 5

W/STD GLASS

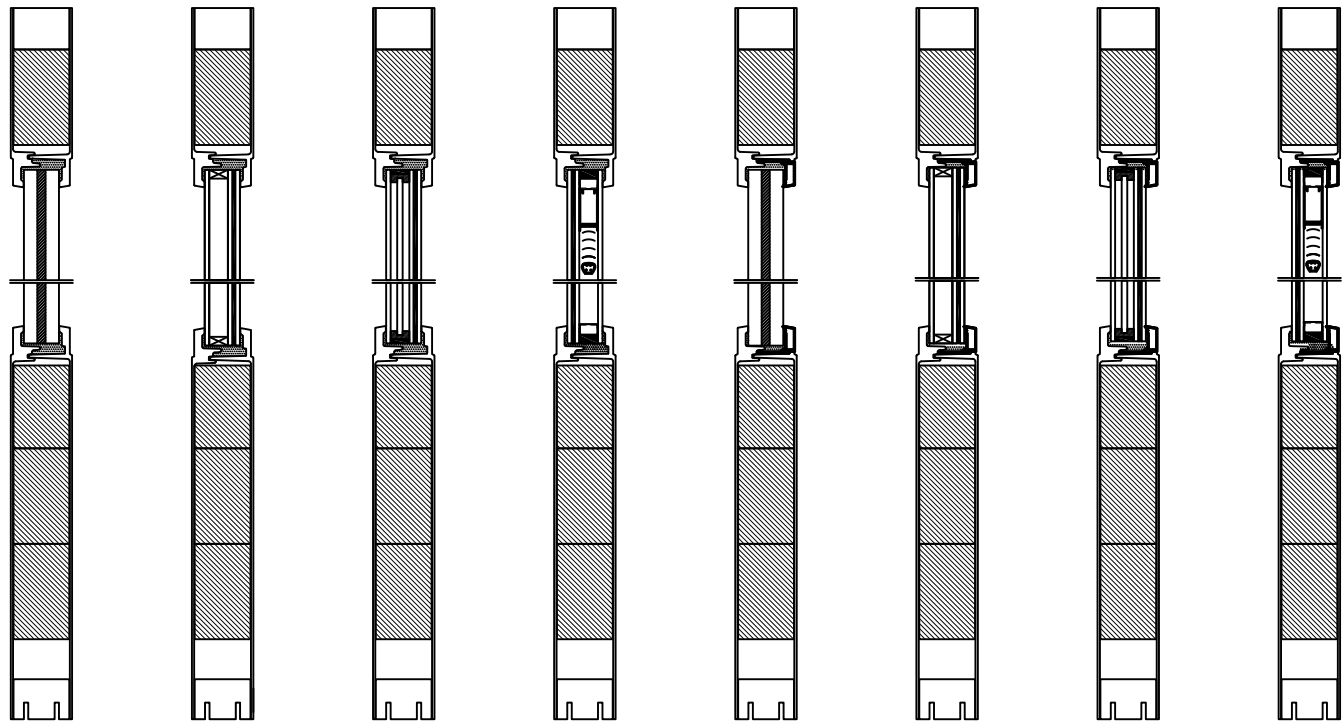
W/MATTE GLASS

W/MINI-BLIND

APPROVED PANEL CONFIGURATIONS
FULL LITE

DIRECT GLAZING

OPEN GLAZING BEAD



W/PVC FOAM BOARD
SEE NOTE 9
SHEET 5

W/STD GLASS

W/MATTE GLASS

W/MINI-BLIND

W/PVC FOAM BOARD
SEE NOTE 9
SHEET 5

W/STD GLASS

W/MATTE GLASS

W/MINI-BLIND

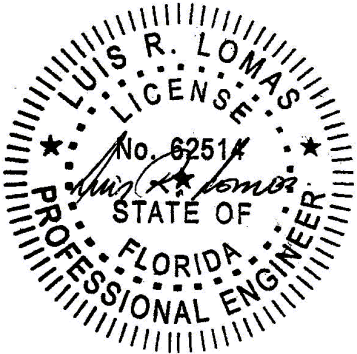
SIGNED: 11/13/2025

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
APPROVED PANEL CONFIGURATIONS

DRAWN: A.R.	DWG NO. 08-03450	REV K
SCALE NTS	DATE 06/25/19	SHEET 21 OF 22

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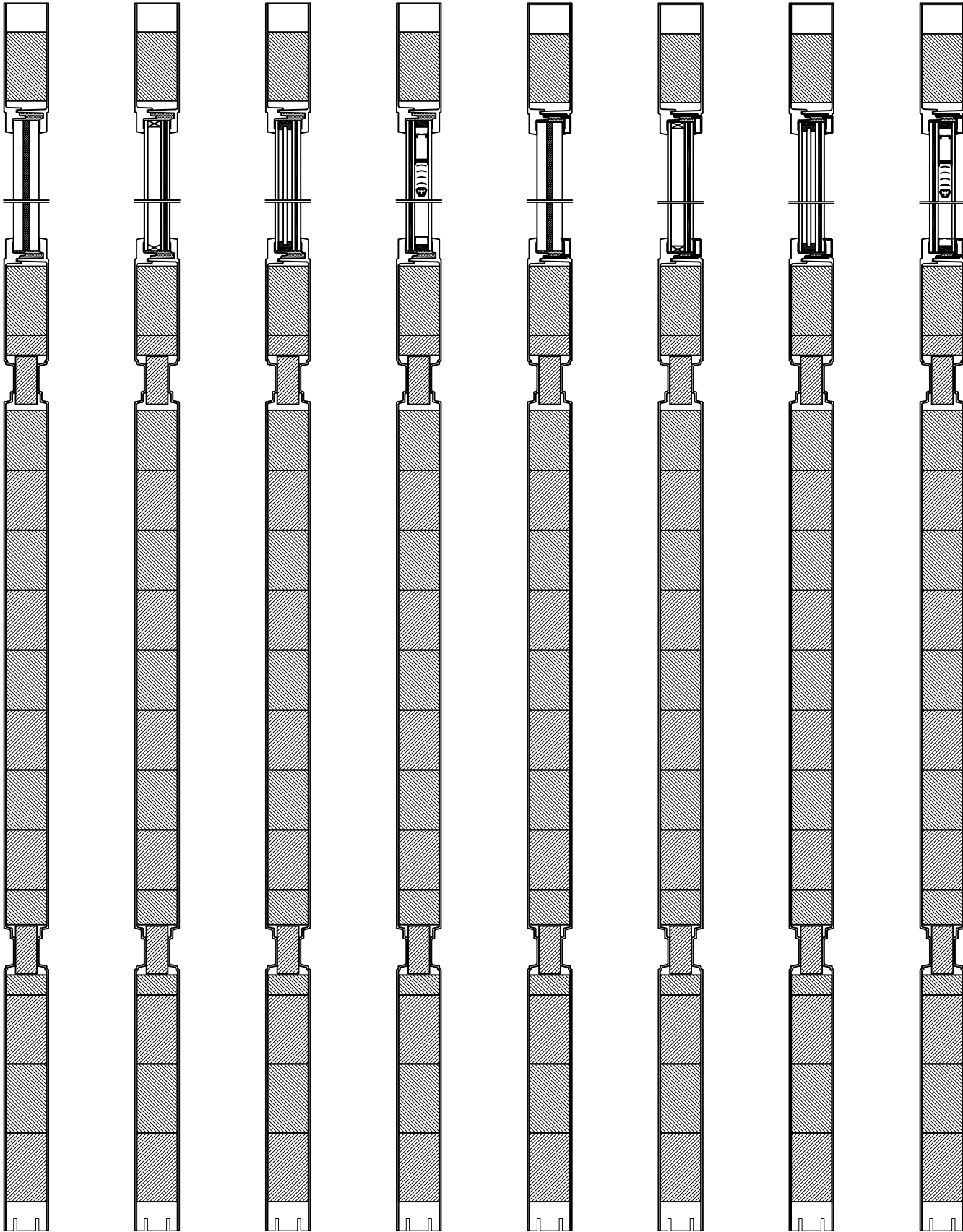
Luis R. Lomas P.E.
FL No.: 62514

APPROVED PANEL CONFIGURATIONS

1/2 LITE

DIRECT GLAZING

OPEN GLAZING BEAD



W/PVC FOAM
BOARD
SEE NOTE 9
SHEET 5

W/STD
GLASS

W/MATTE
GLASS

W/MINI-BLIND

W/PVC FOAM
BOARD
SEE NOTE 9
SHEET 5

W/STD
GLASS

W/MATTE
GLASS

W/MINI-BLIND

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	ADD GLASS	11/12/25	R.L.

SIGNED: 11/13/2025

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HOUSTON, TX 77029

SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
APPROVED PANEL CONFIGURATIONS

DRAWN:
A.R.

DWG NO.
08-03450

REV
K

SCALE NTS

DATE 06/25/19

SHEET 22 OF 22

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