

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	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 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 16 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:
 - 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, 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.

SIGNED: 08/11/2023


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

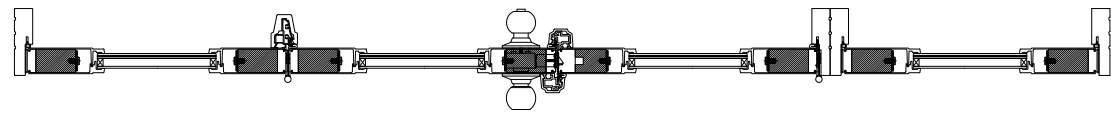
SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
NOTES

DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 1 OF 19

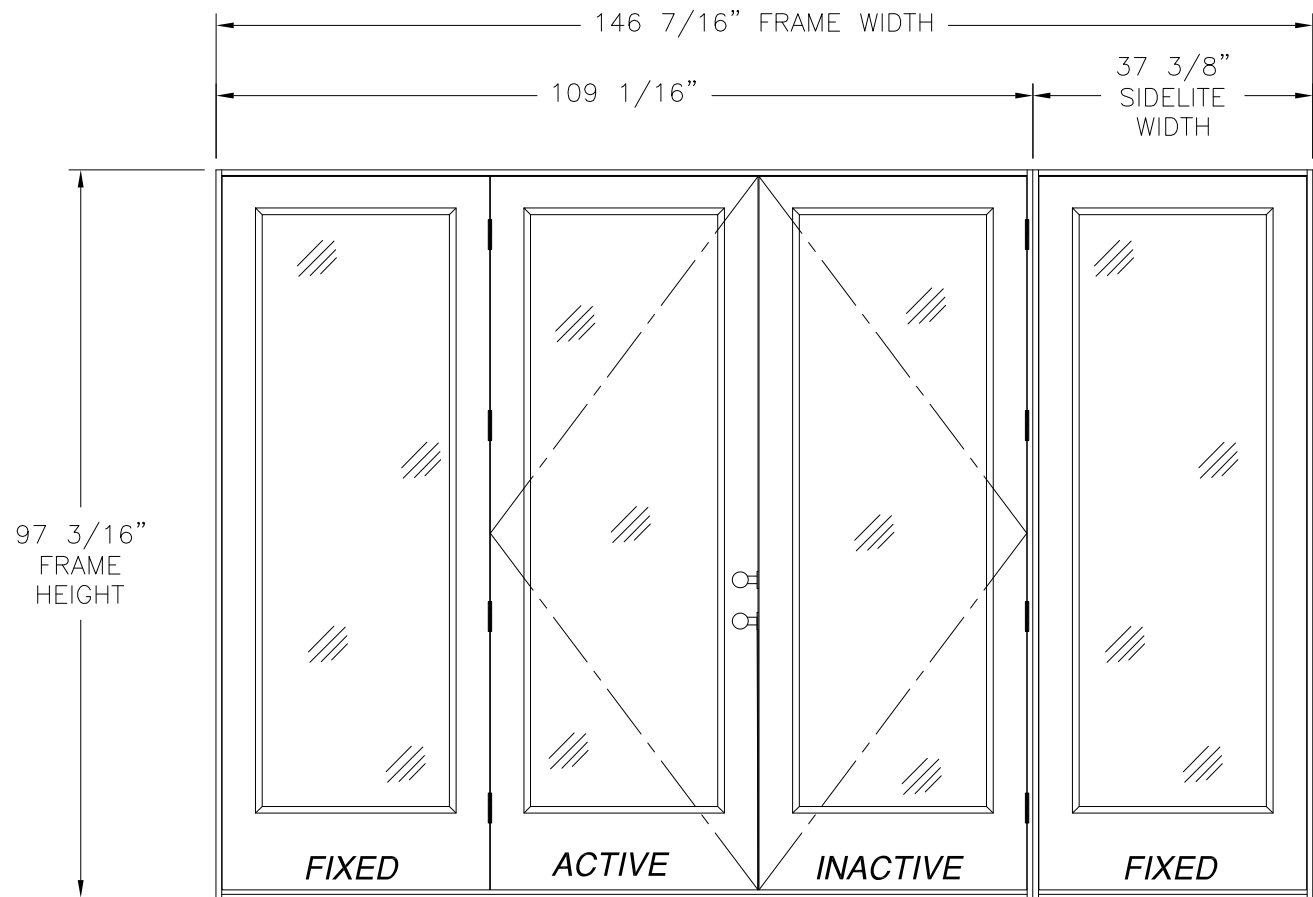
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



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



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SLPS PATIO DOOR LITE 8'0" OUTSWING (OXX/O)

EXTERIOR VIEW
FULL LITE PANELS

- NOTES:**
- PANEL SIZE: 35 3/4" X 95 1/4"
 - D.L.O.: 25" X 79"

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

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
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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

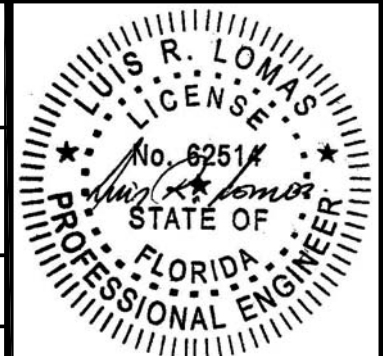
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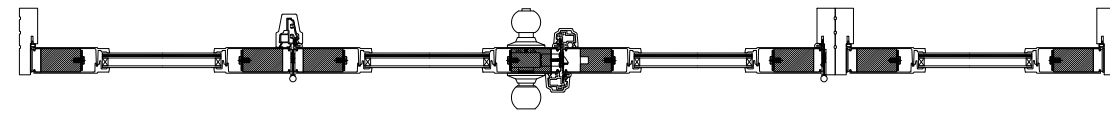
SLPS PATIO DOOR LITE 8'0" OUTSWING
LARGE MISSILE IMPACT - HVHZ
FULL PANELS LITE ELEVATION

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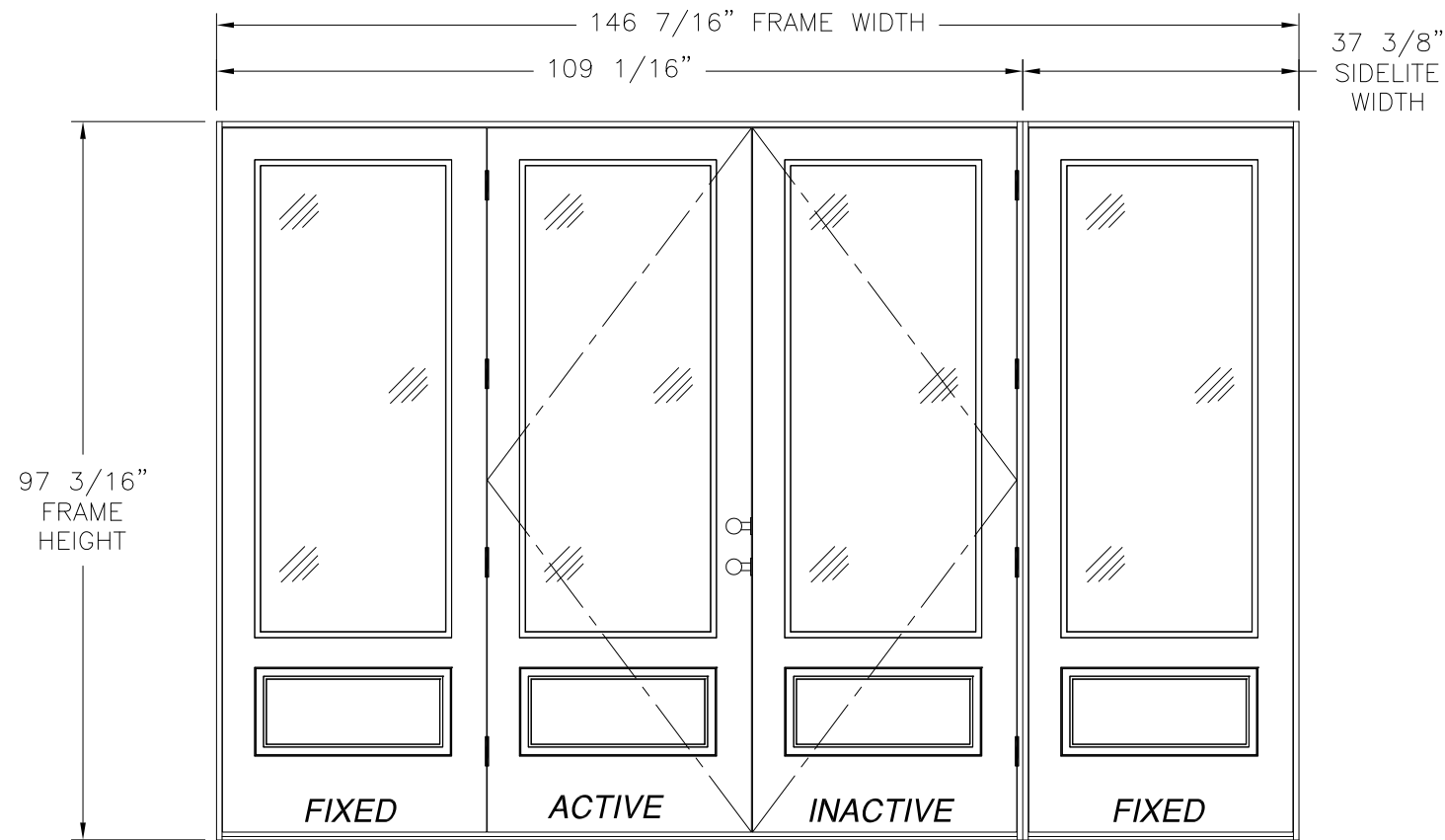
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



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SLPS PATIO DOOR LITE 8'0 OUTSWING (OXX/O)
EXTERIOR VIEW, 3/4 LITE PANELS

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

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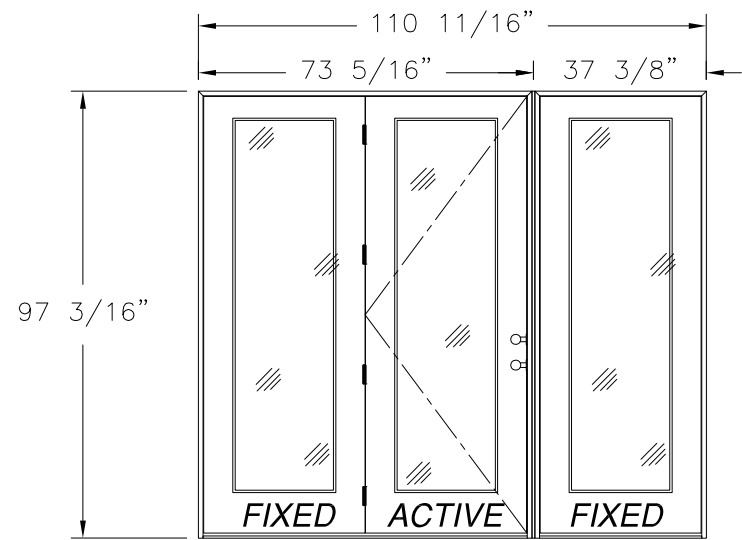
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8989 NORTH LOOP EAST
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
3/4 LITE PANELS ELEVATION

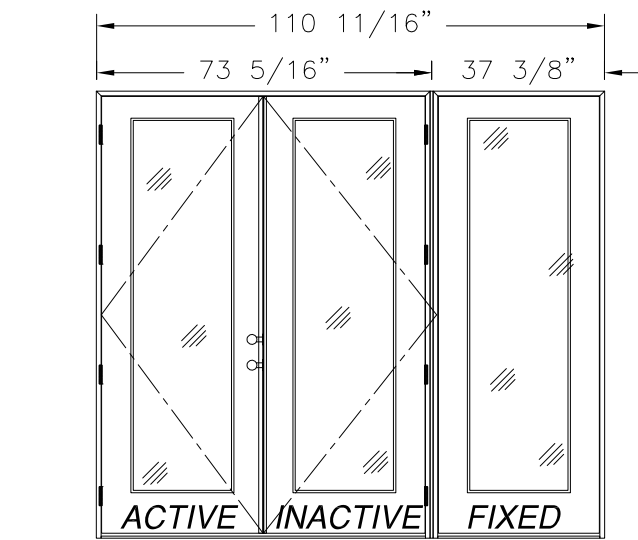
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L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

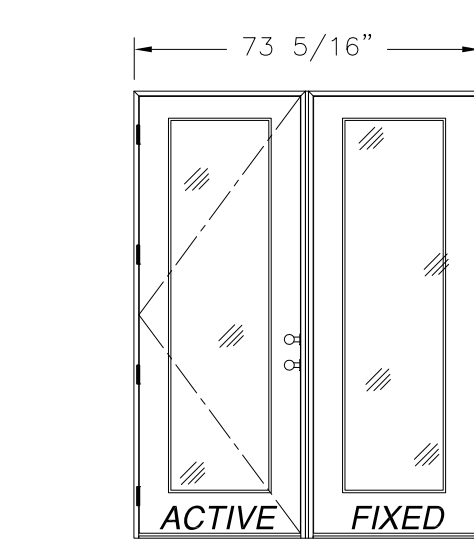
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SINGLE W/SIDELITE MULL. (OX/O, O/XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR

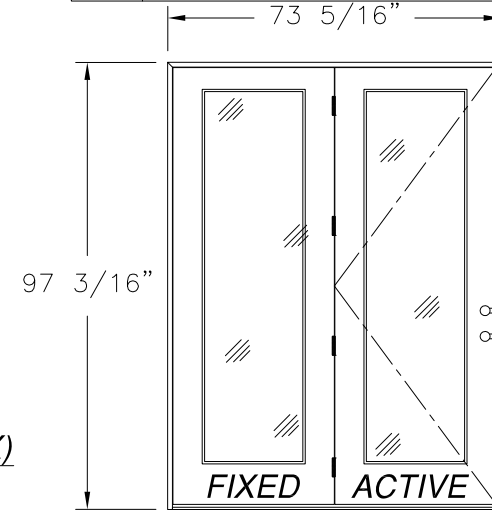


DOUBLE W/SIDELITE MULL. (XX/O, O/XX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR

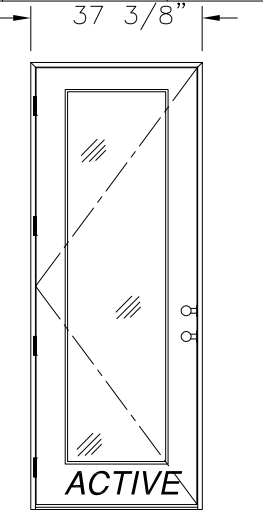


SINGLE W/SIDELITE MULL. (X/O, O/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR

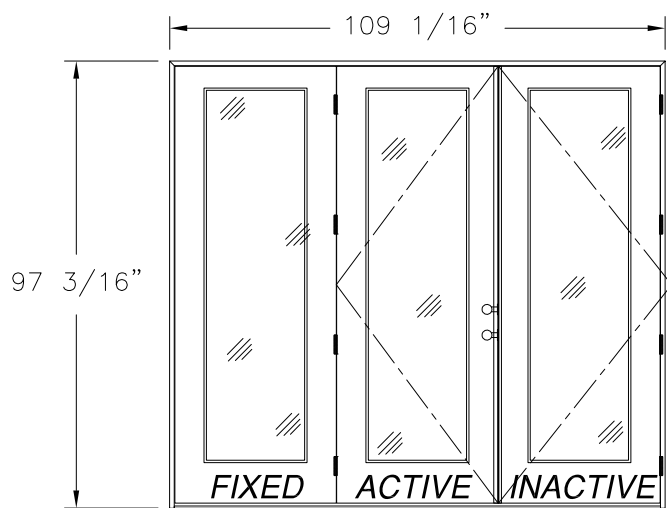
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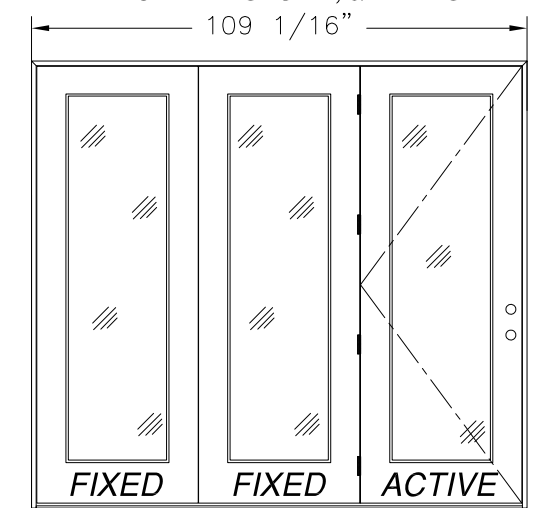
SINGLE W/SIDELITE (OX, XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



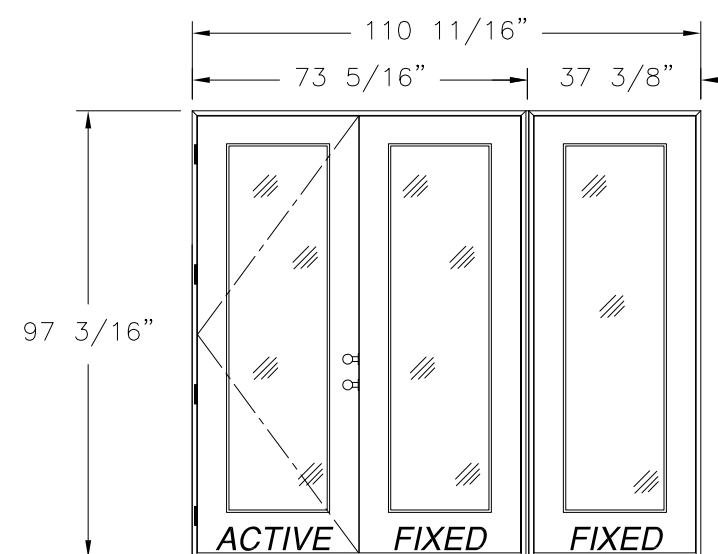
SINGLE (X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



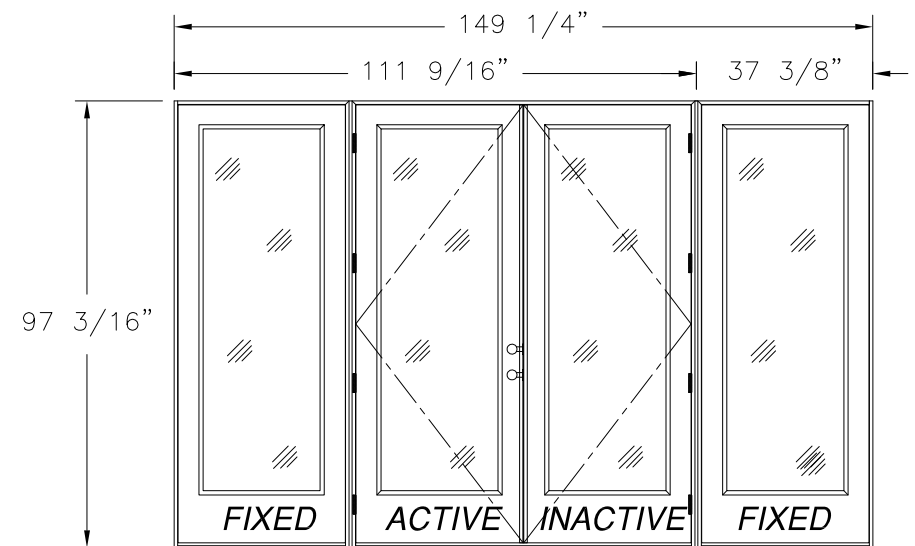
DOUBLE W/SIDELITE (OXX, XXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



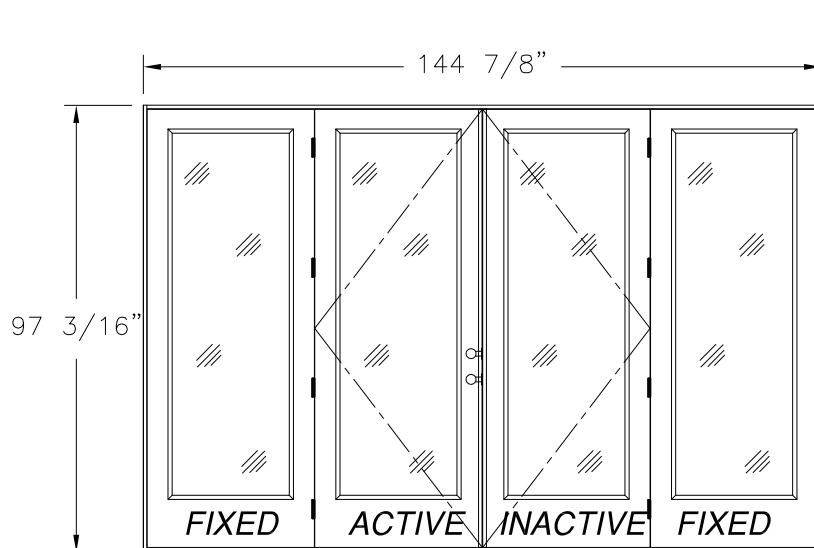
SINGLE W/SIDELITES (OOX, XOO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



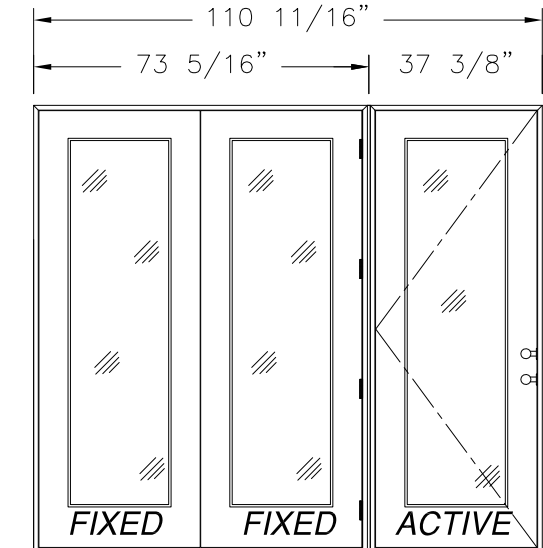
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EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



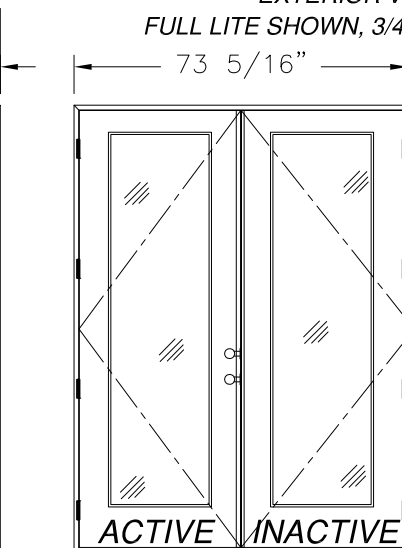
DOUBLE W/SIDELITES MULL. (O/XX/O)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



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



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



DOUBLE (XX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR

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

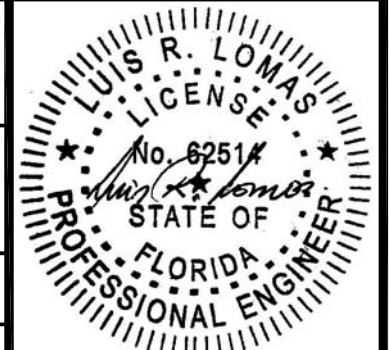
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
APPROVED CONFIGURATIONS

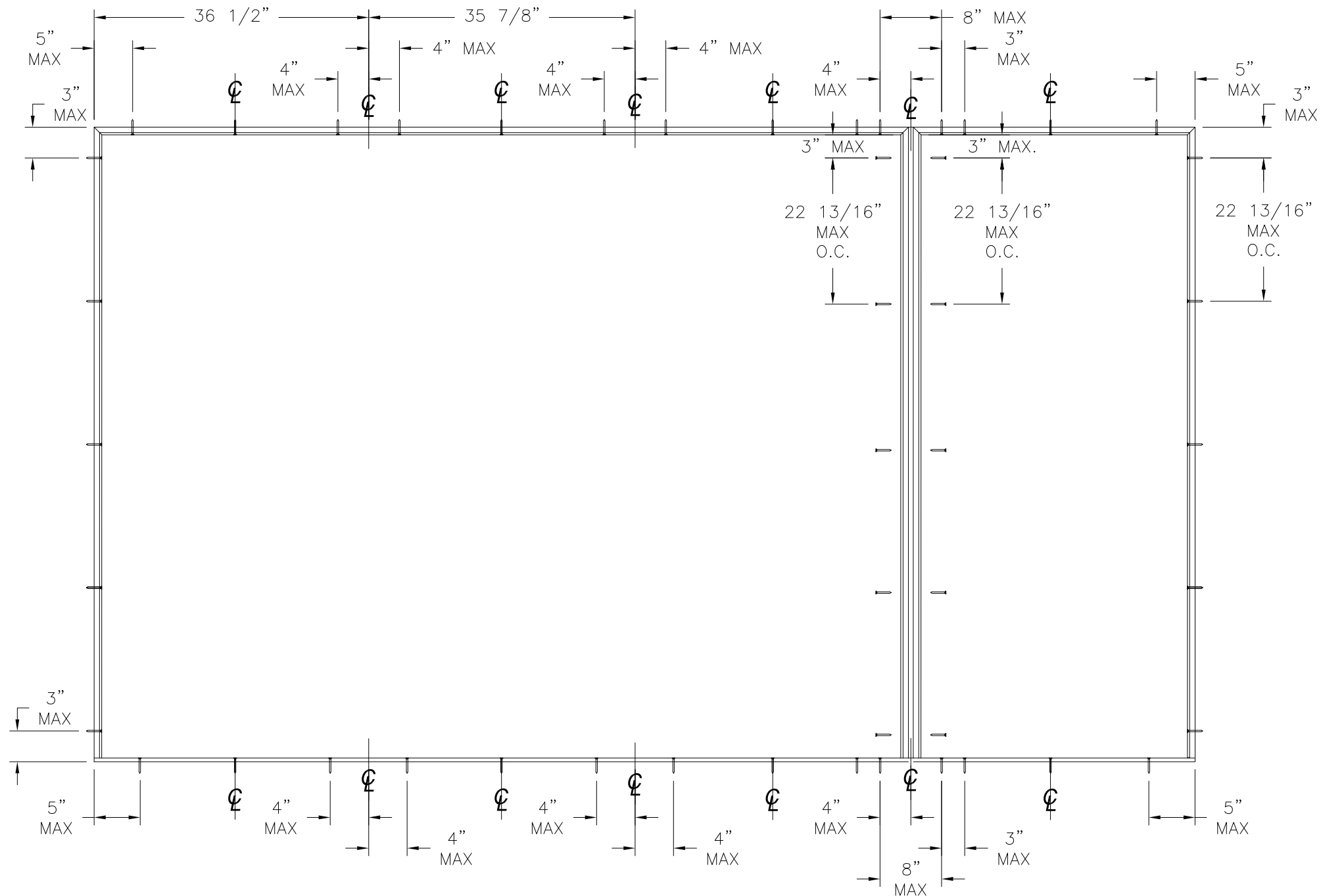
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L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



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

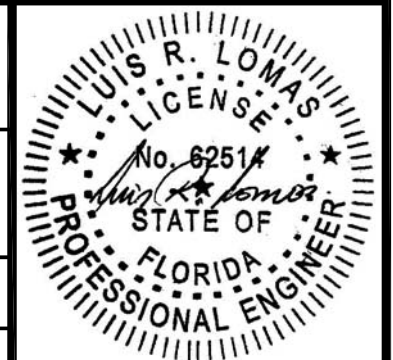
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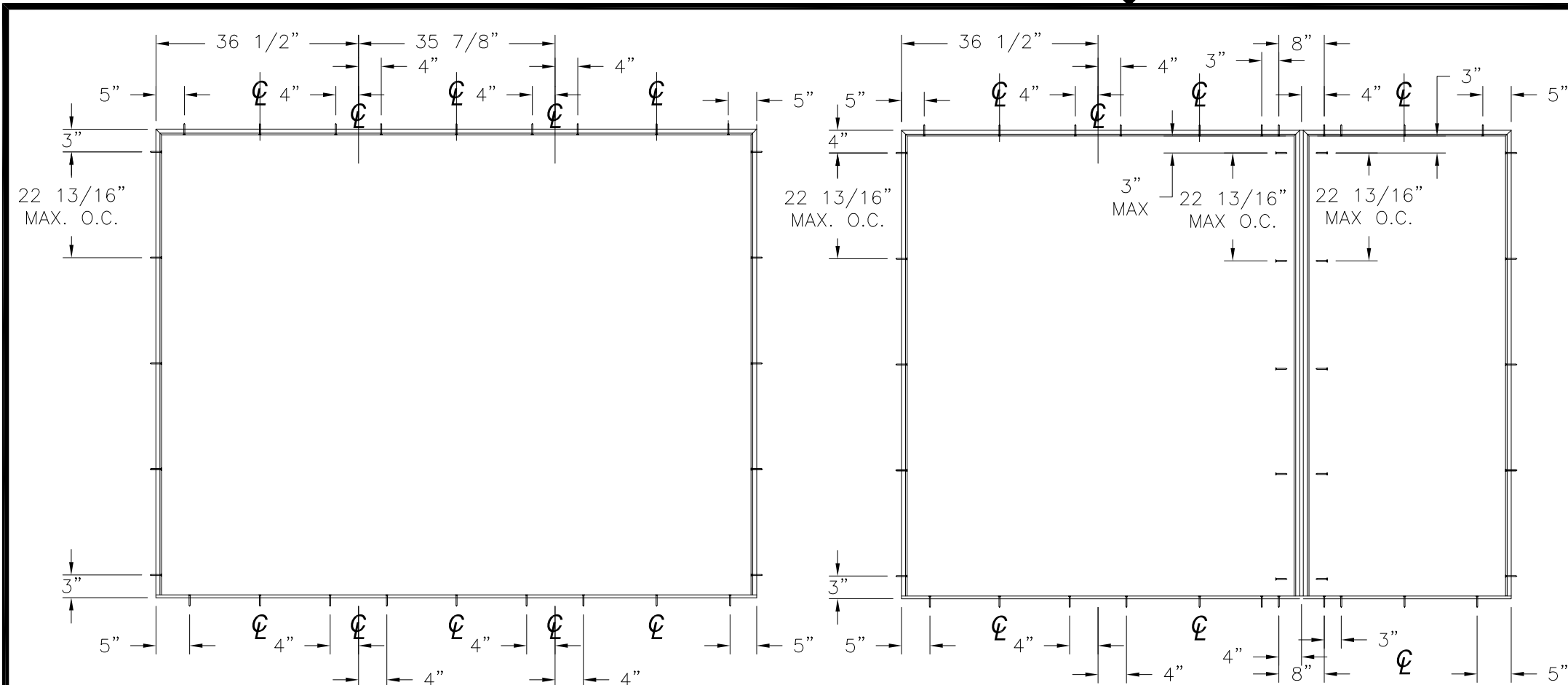
ANCHORING LAYOUT

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SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT - HVHZ ANCHORING LAYOUT		
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

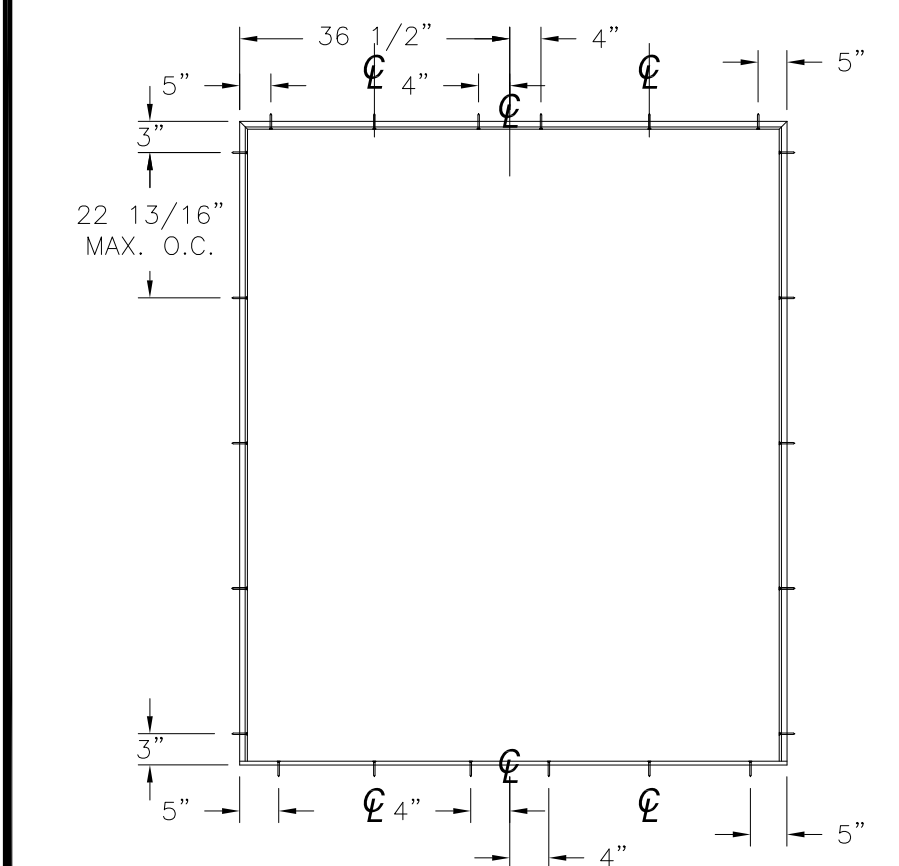


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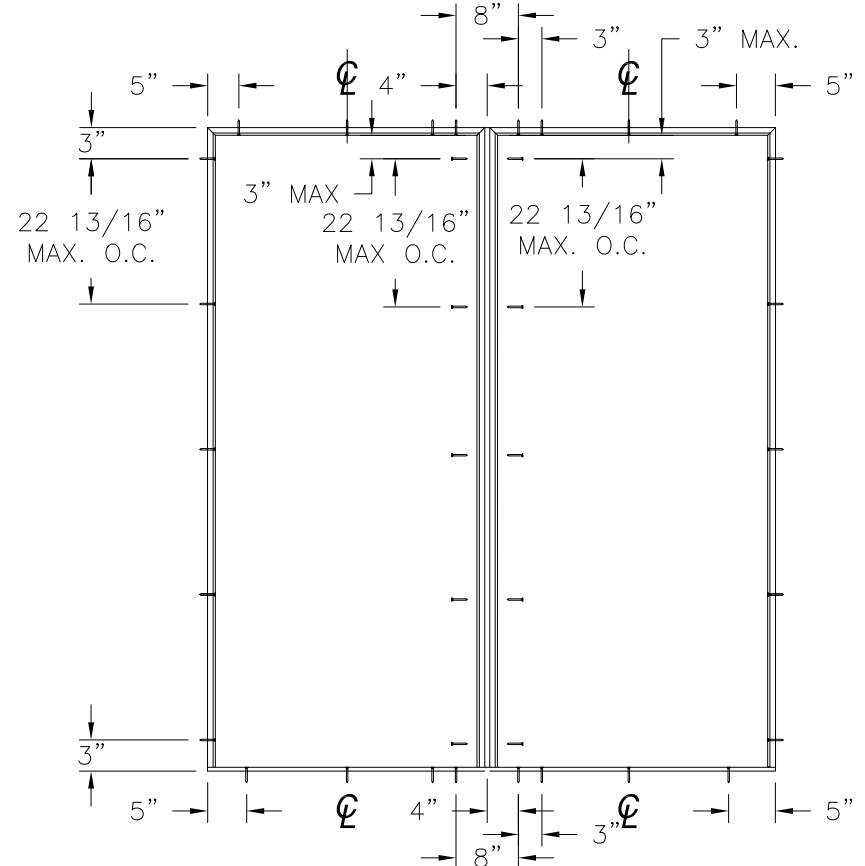


ANCHORING LAYOUT FOR OXO, XXO AND OXX

ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)

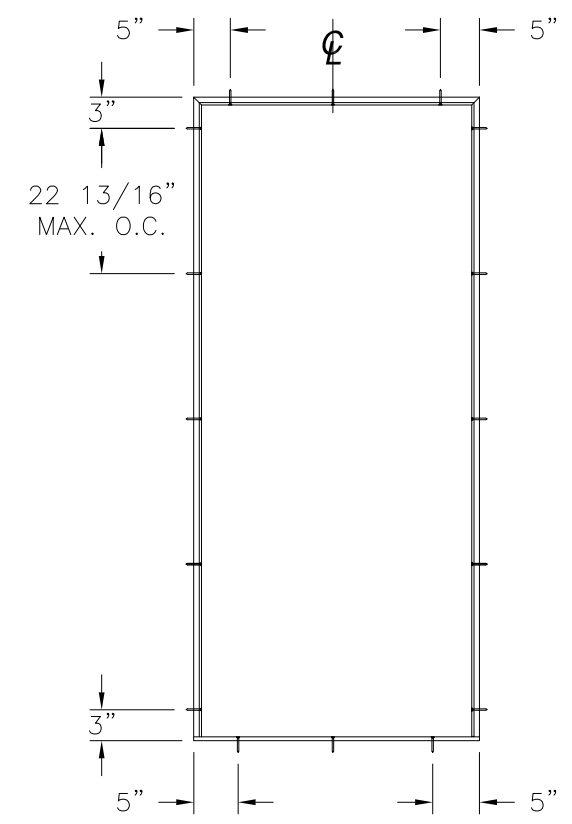


ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)

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ANCHORING LAYOUT FOR X

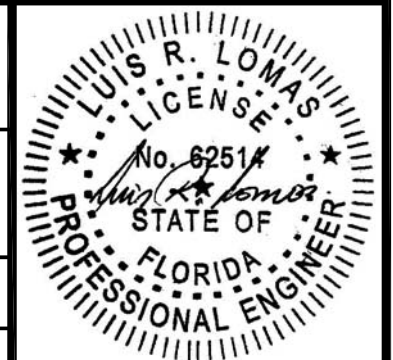
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 LARGE MISSILE IMPACT – HVHZ
 ANCHORING LAYOUTS

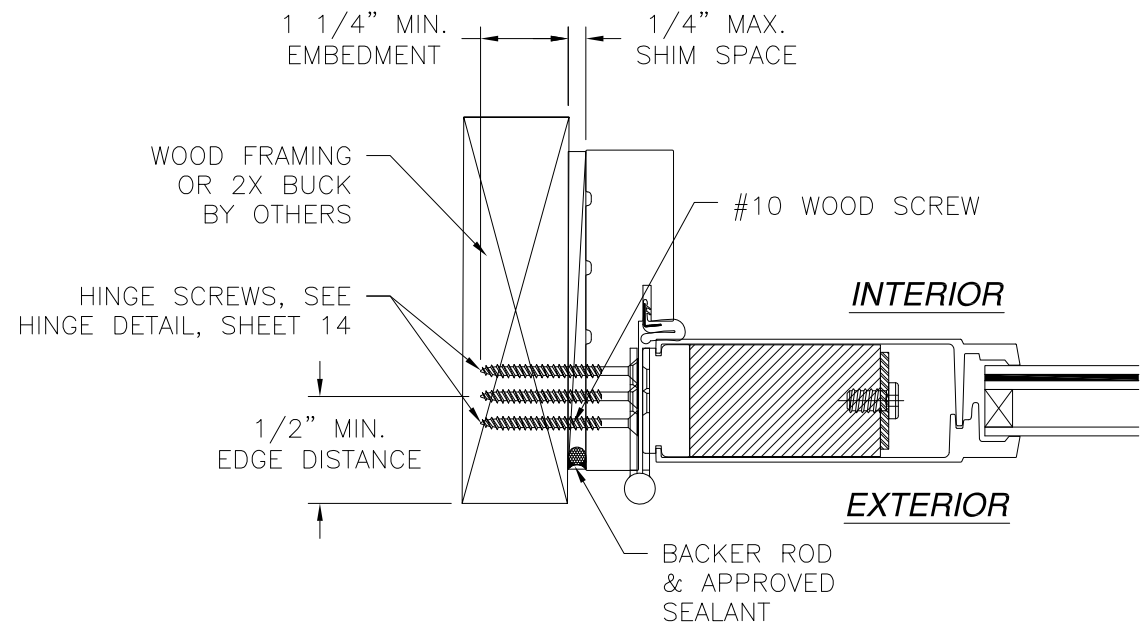
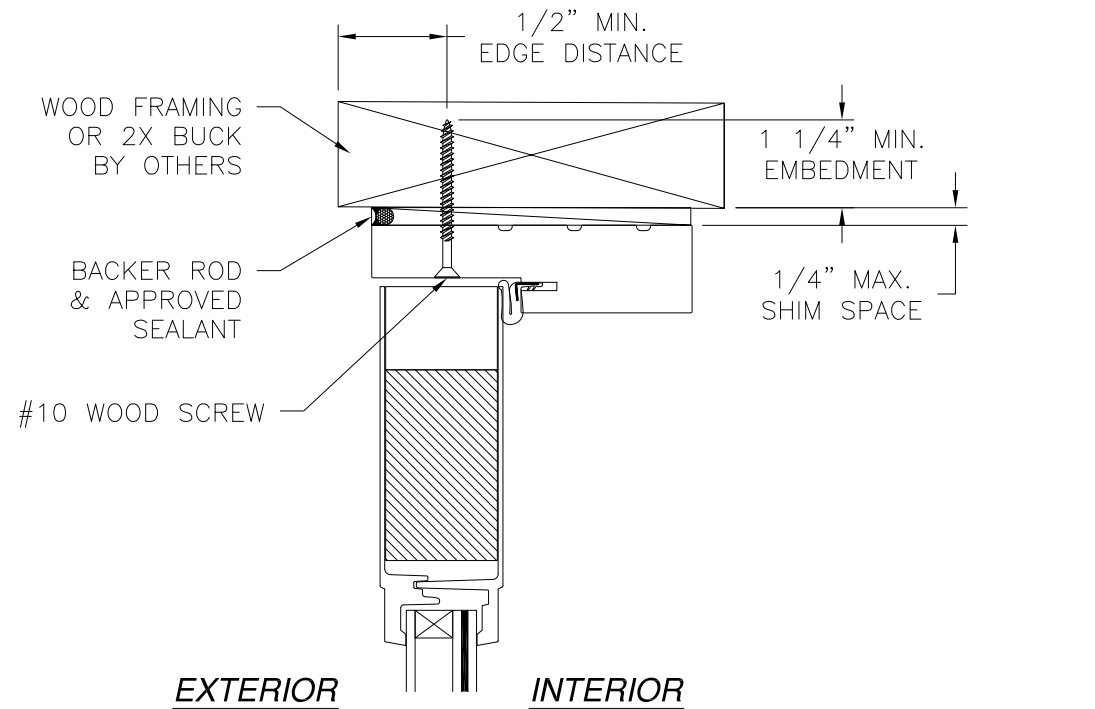
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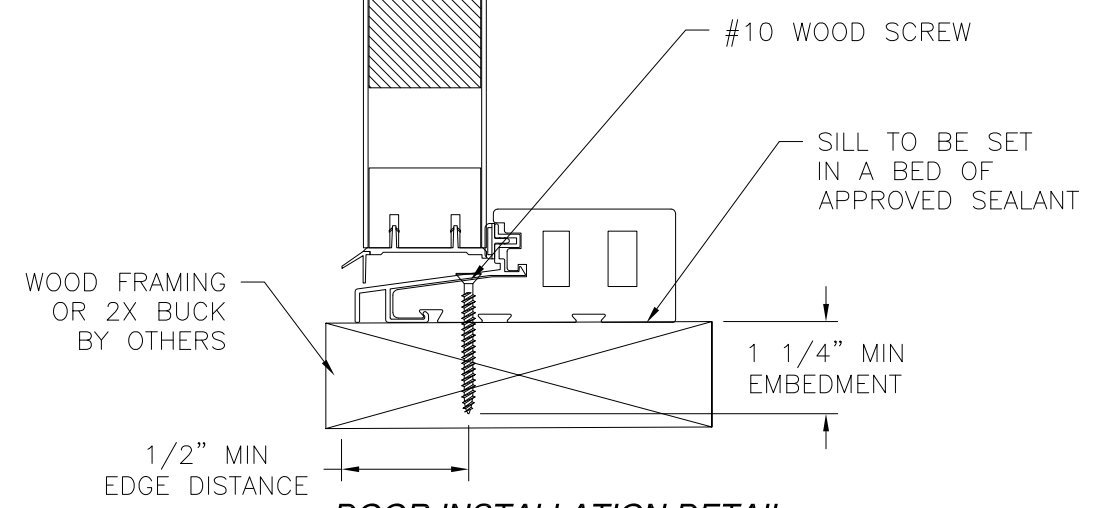
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DOOR INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION
FULL LITE SHOWN, 3/4 LITE SIMILAR

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

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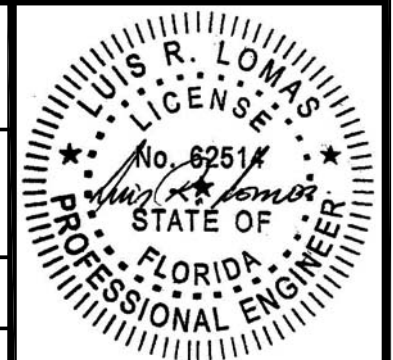
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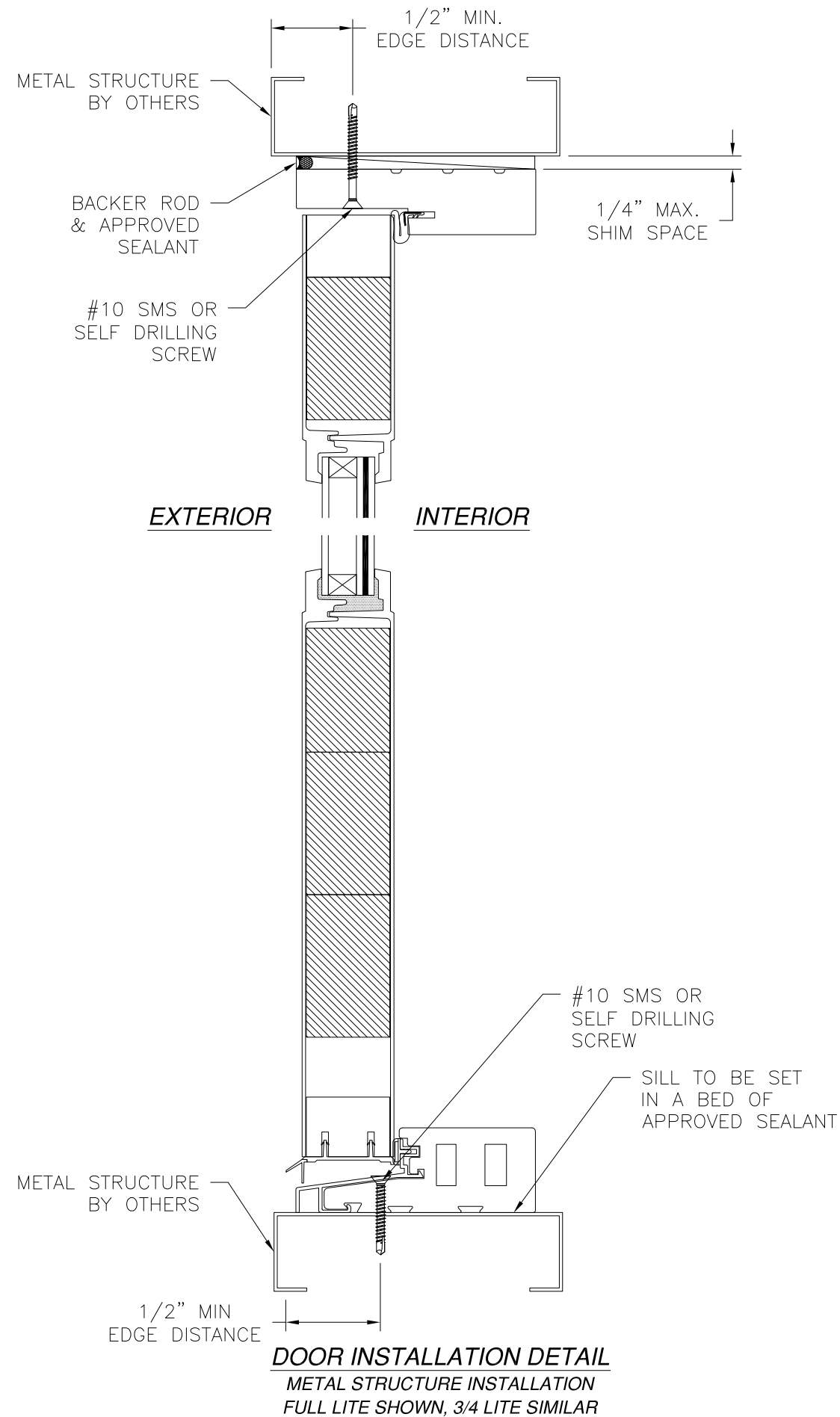
SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
DOOR INSTALLATION DETAILS

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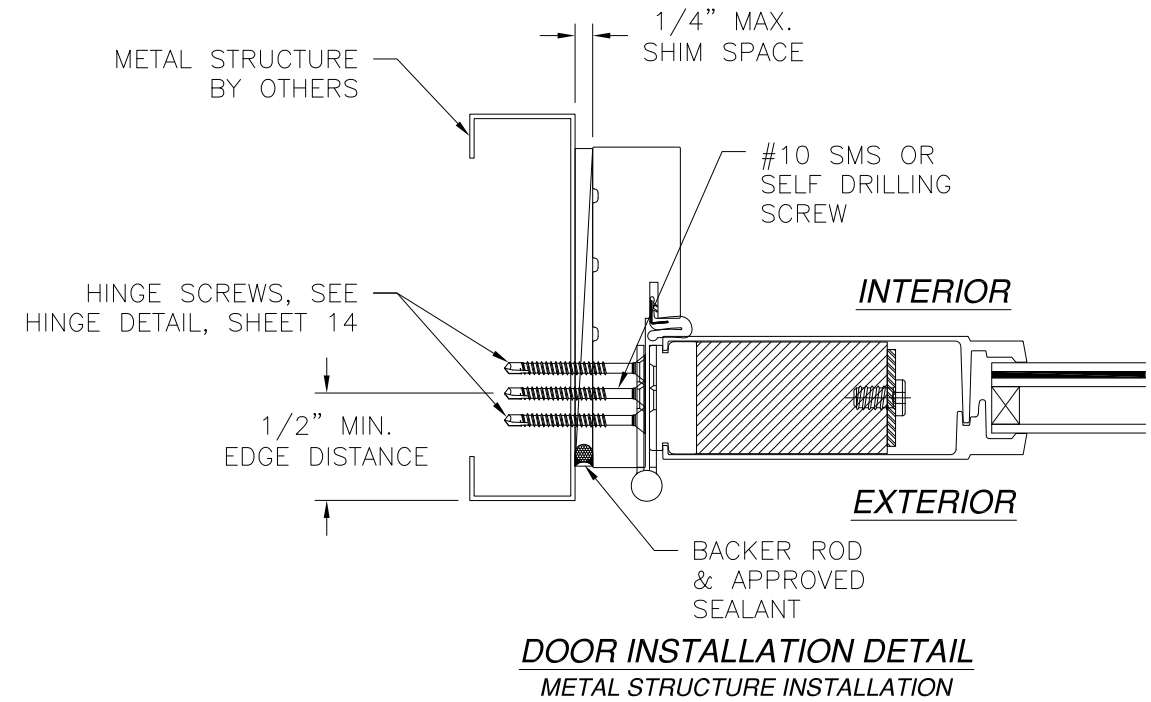


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DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
FULL LITE SHOWN, 3/4 LITE SIMILAR

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DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

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

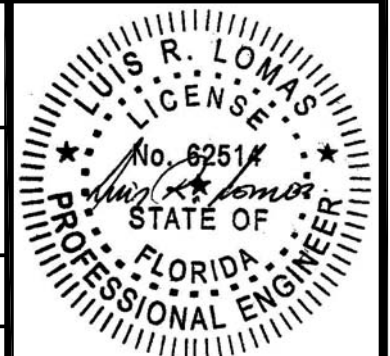
SIGNED: 08/11/2023

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

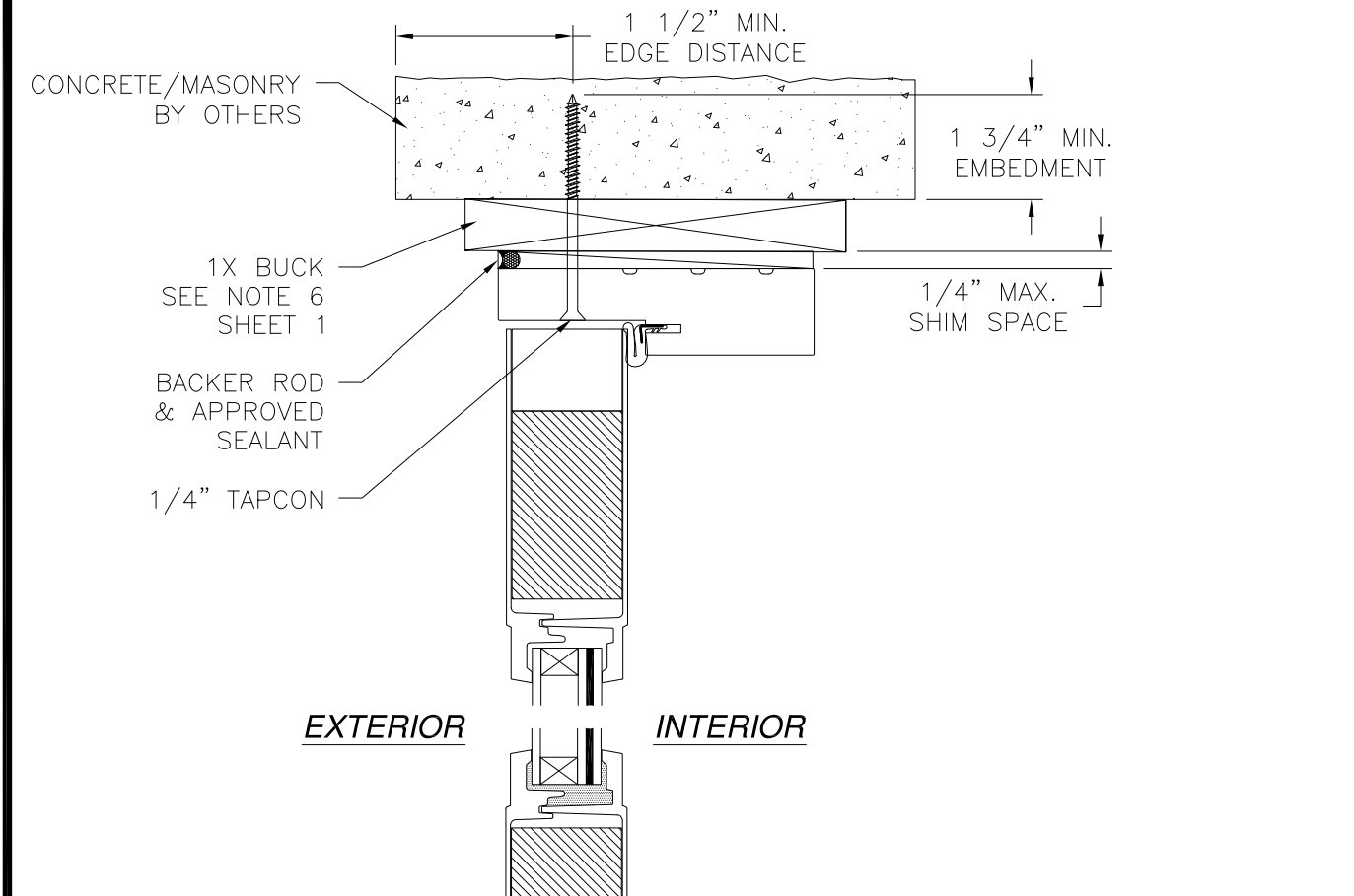
DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 8 OF 19

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

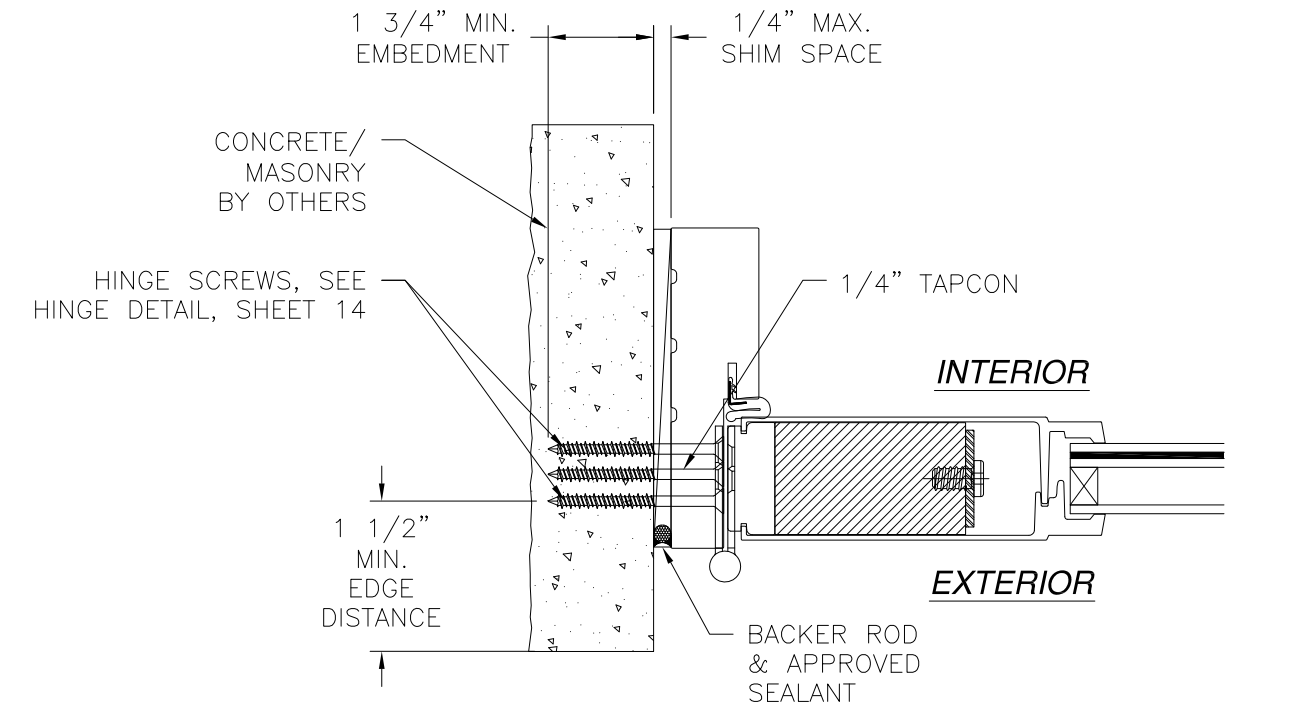


Luis R. Lomas P.E.
 FL No.: 62514

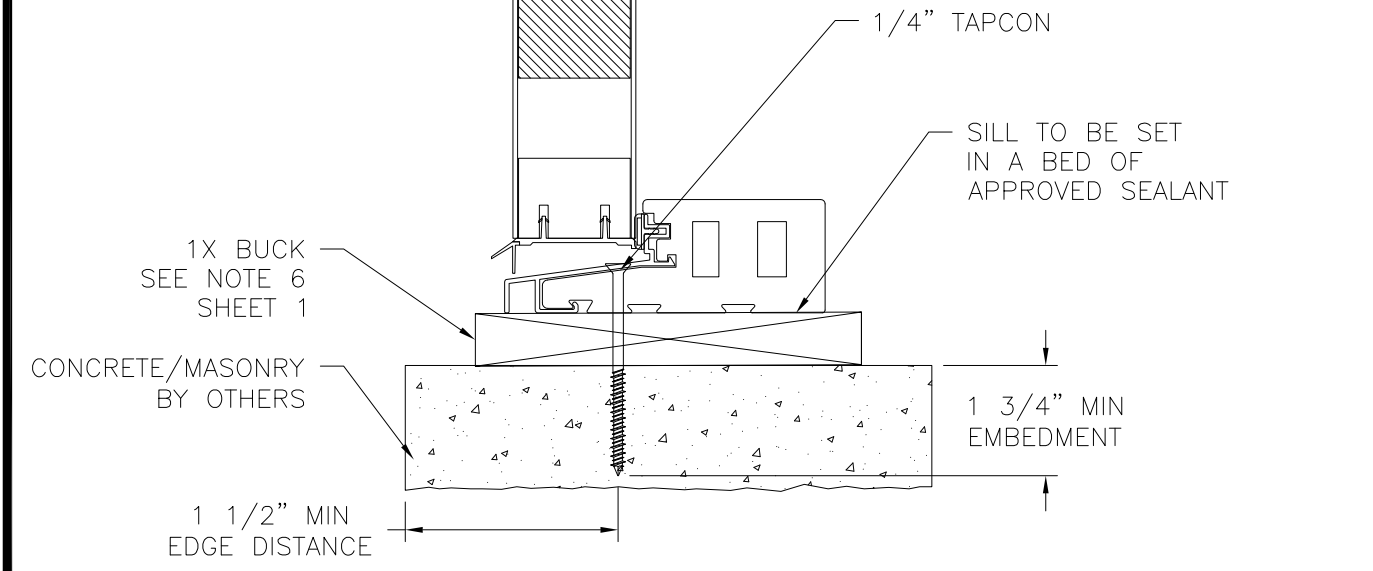
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



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



DOOR 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

SIGNED: 08/11/2023

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

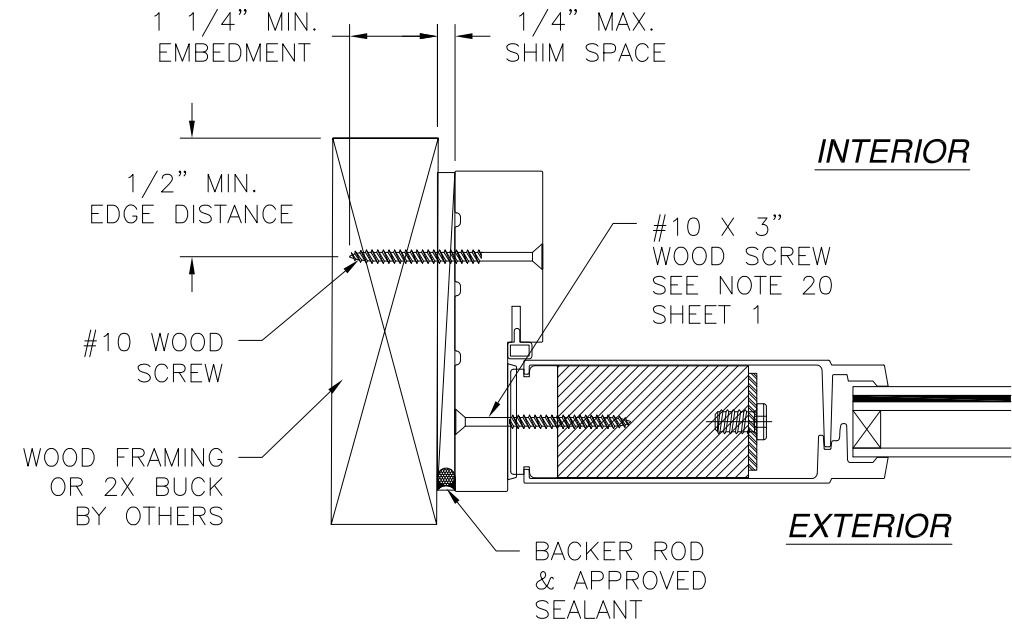
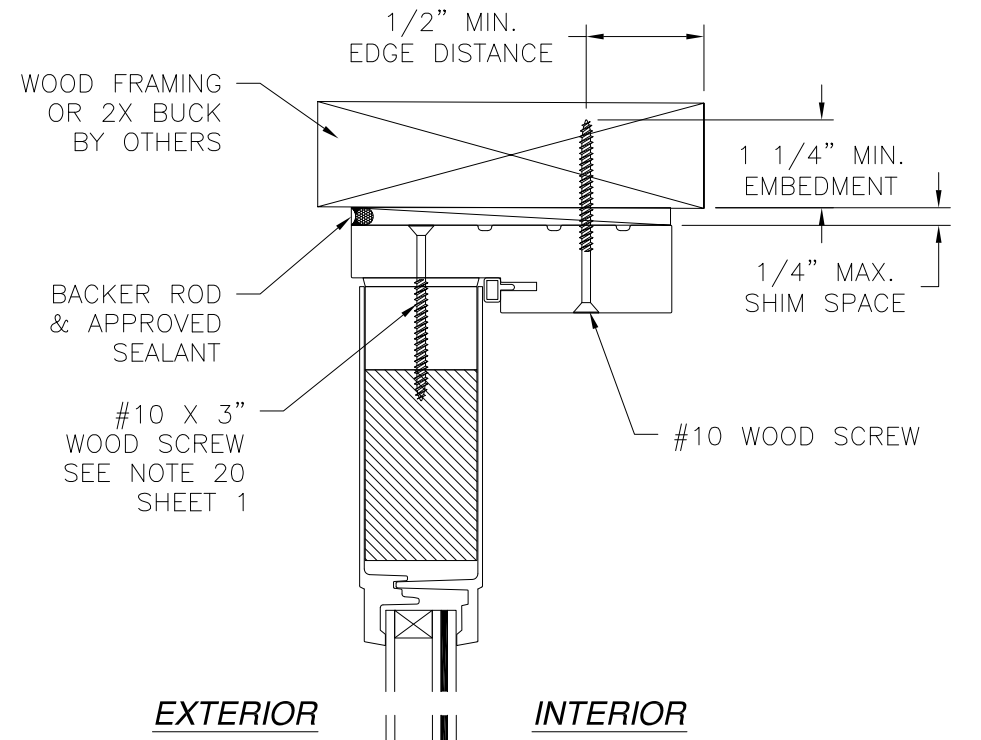
SLPS PATIO DOOR LITE 8'0 OUTSWING
 LARGE MISSILE IMPACT - HVHZ
 DOOR INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 9 OF 19

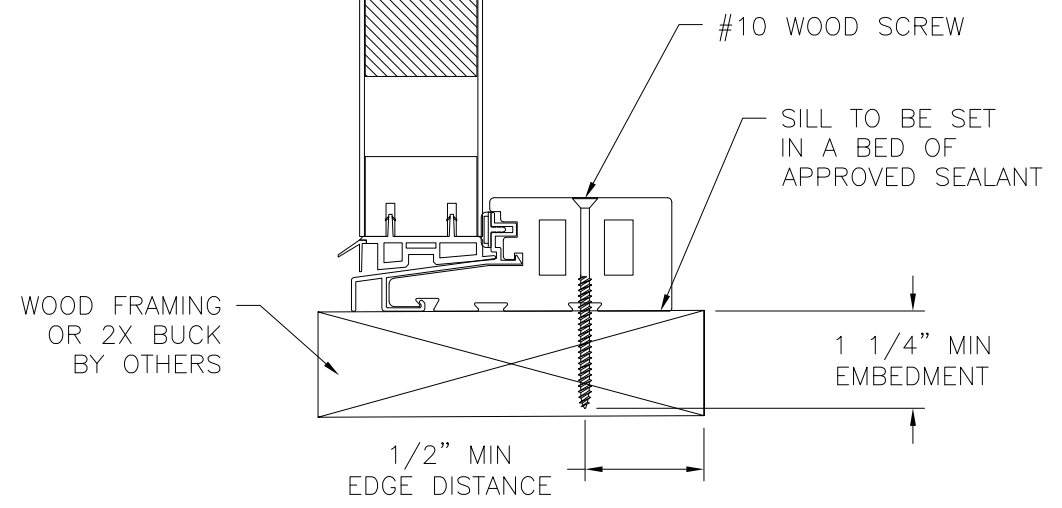
L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



SIDELITE INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION
FULL LITE SHOWN, 3/4 LITE SIMILAR

- 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

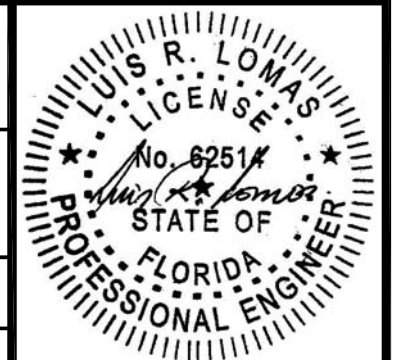
SIGNED: 08/11/2023

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8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

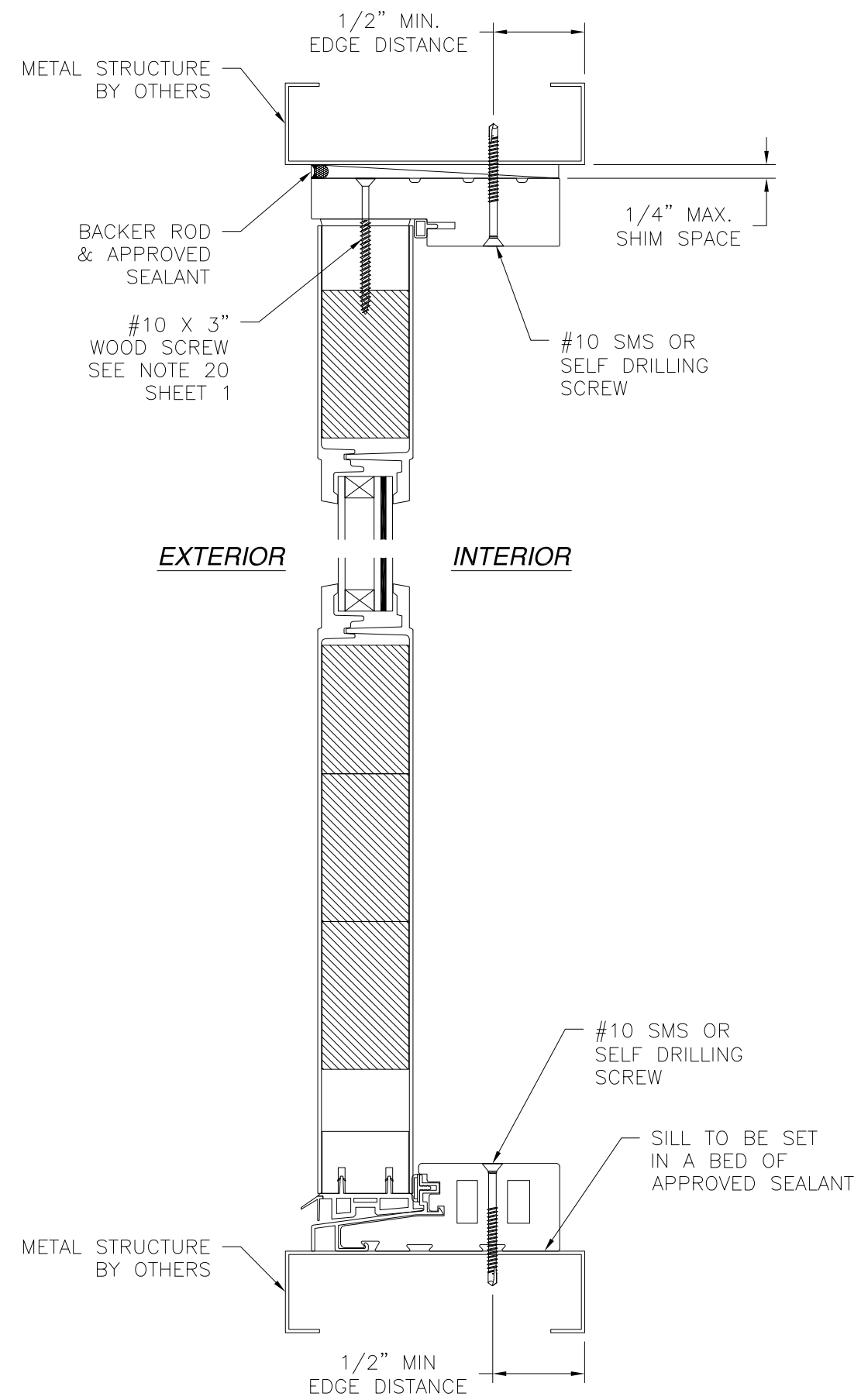
DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 10 OF 19

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

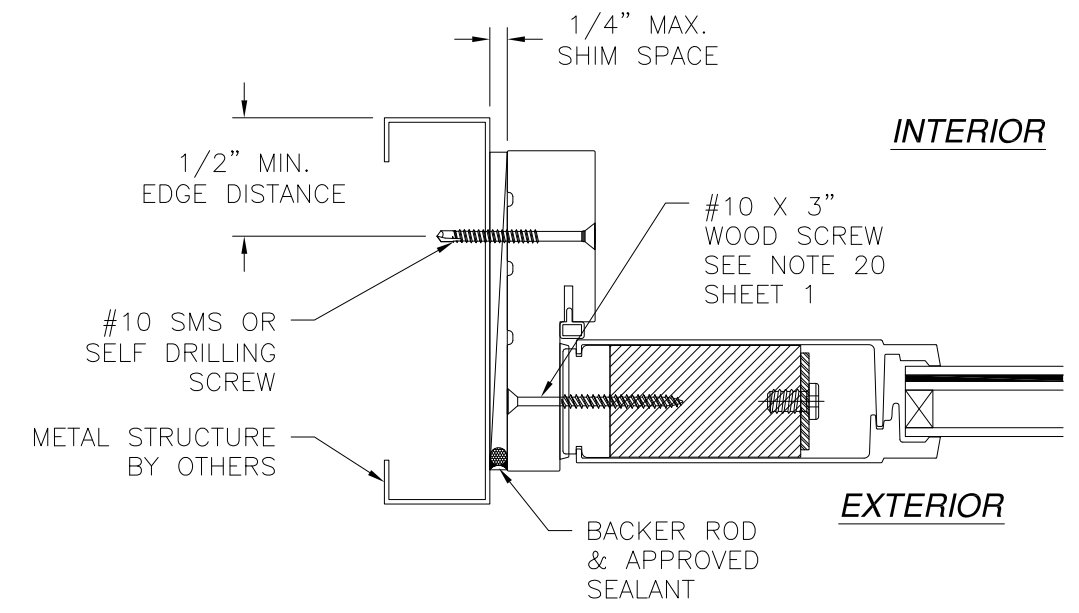


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FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



SIDELITE DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
 FULL LITE SHOWN, 3/4 LITE SIMILAR



SIDELITE INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
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SIGNED: 08/11/2023

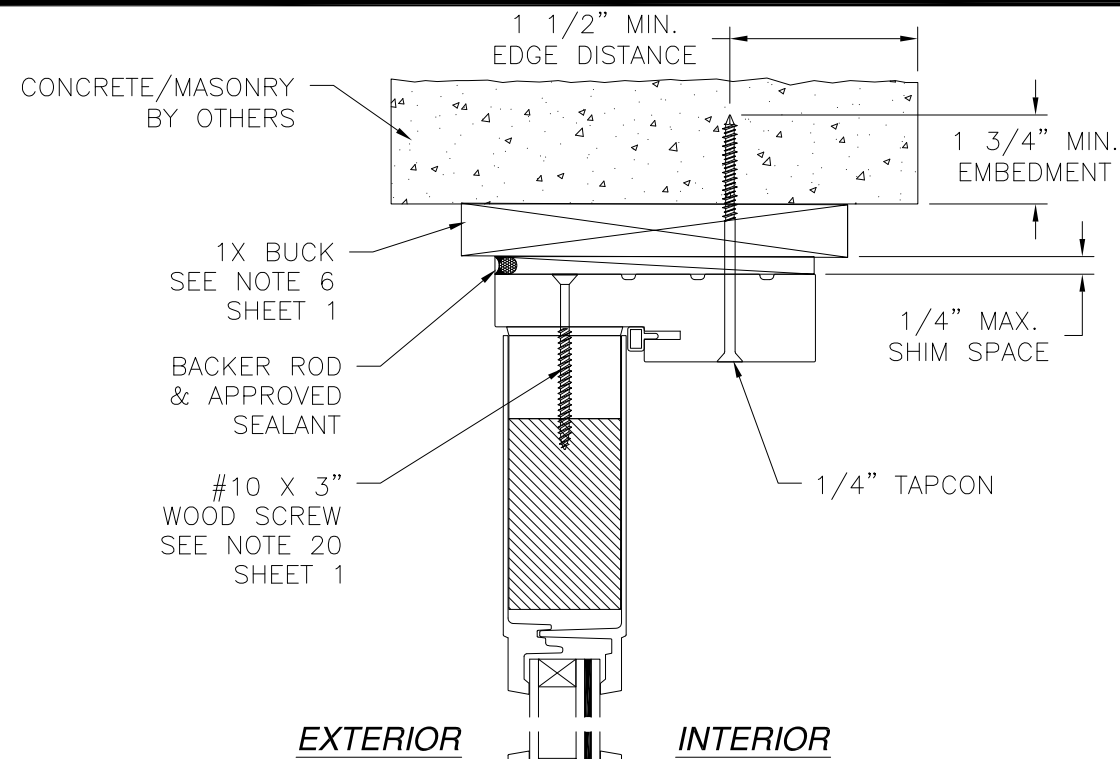
NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

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

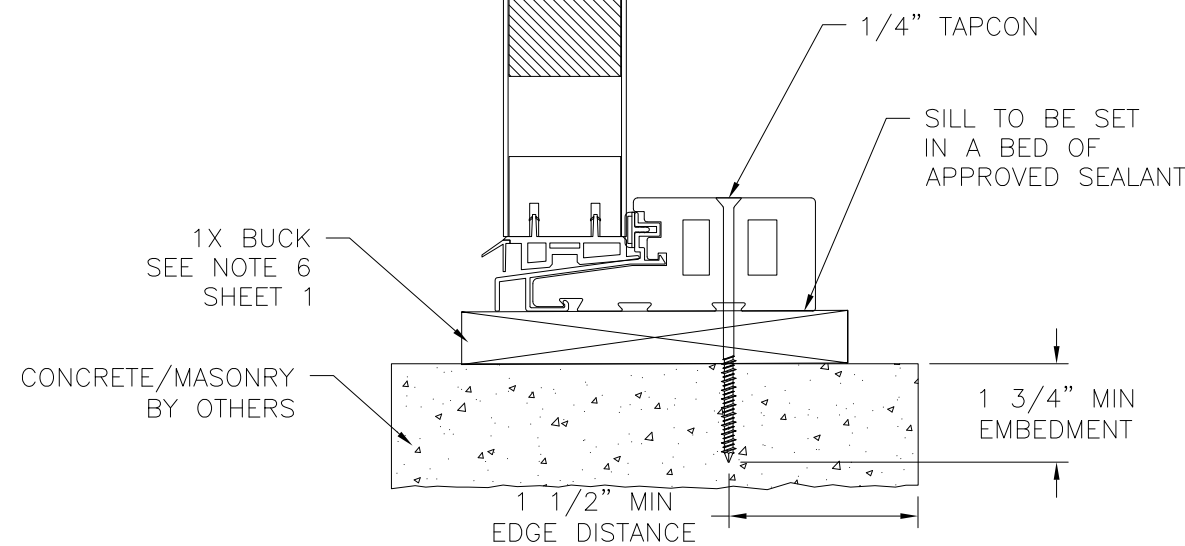
DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 11 OF 19

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

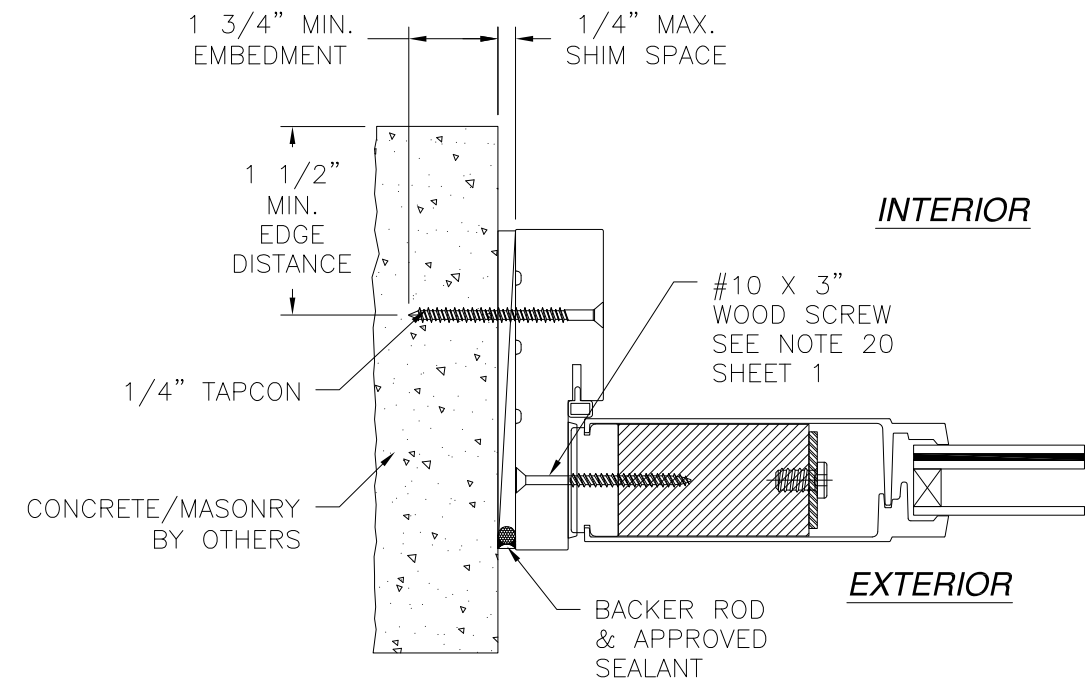
Luis R. Lomas P.E.
 FL No.: 62514



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 LITE SIMILAR



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	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:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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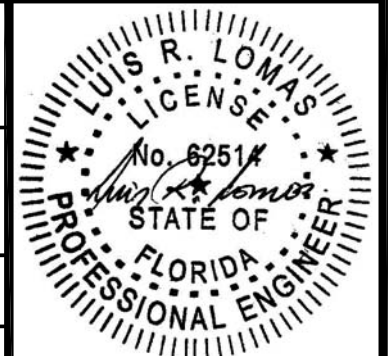
SIGNED: 08/11/2023

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 F
SCALE NTS	DATE 06/25/19	SHEET 12 OF 19

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

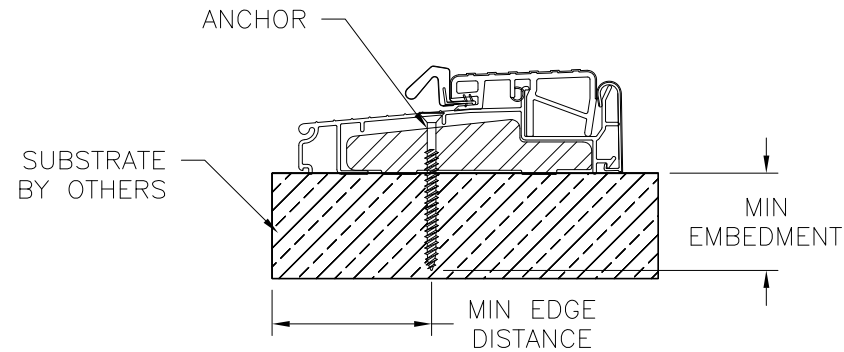


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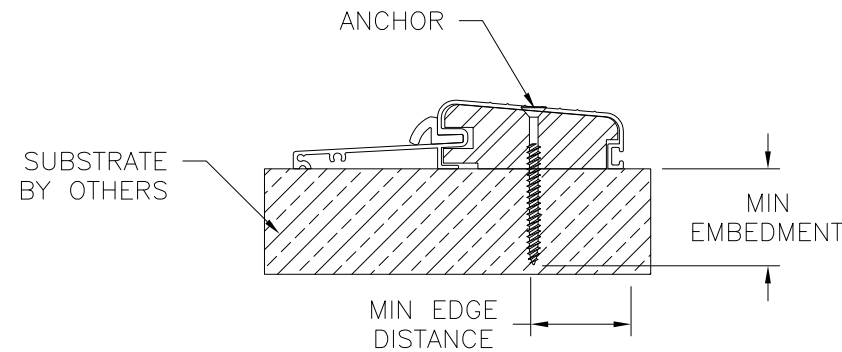
SILLS ANCHORS LOCATIONS

FOR ANCHOR TYPE, EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REFER TO SHEETS 7 - 12
SILLS TO BE SET IN A BED OF APPROVED SEALANT

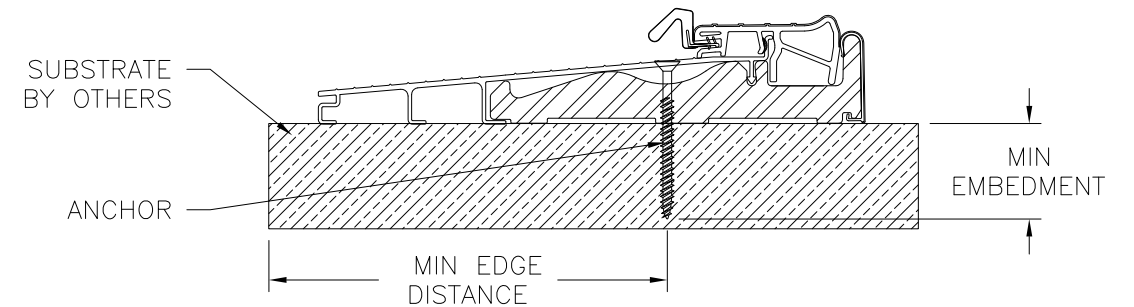
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



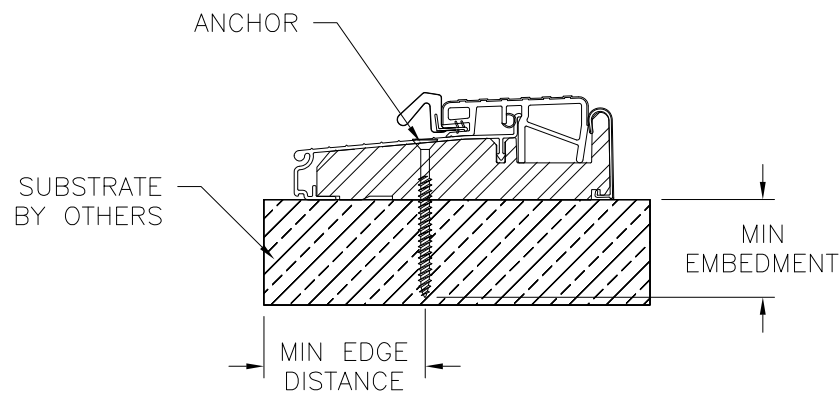
ENDURA THRESHOLD ZOBL4565



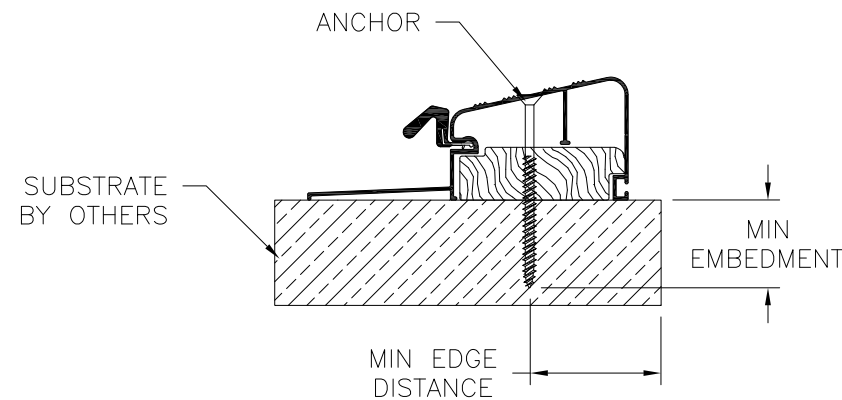
COLUMBIA THRESHOLD 575



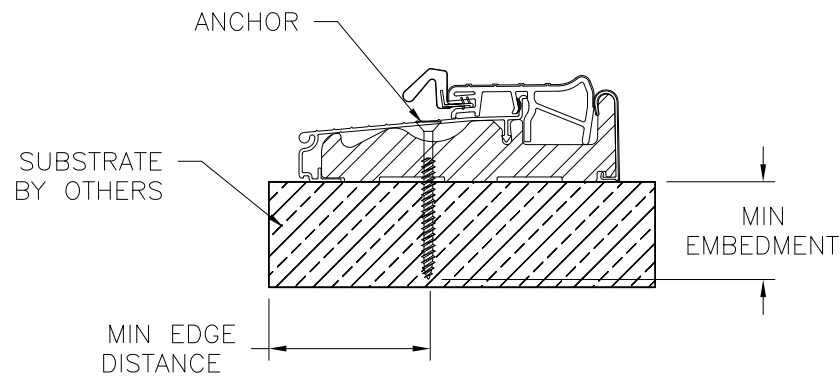
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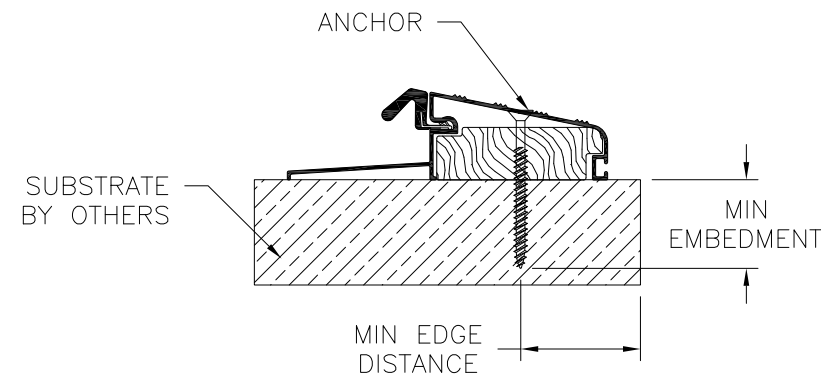
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DLP THRESHOLD QOSR



ENDURA THRESHOLD ZOBLH4565



DLP THRESHOLD QOSH

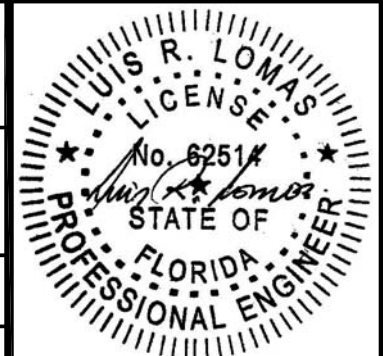
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 13 OF 19

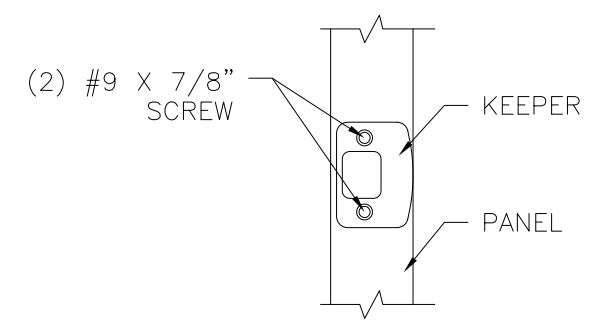
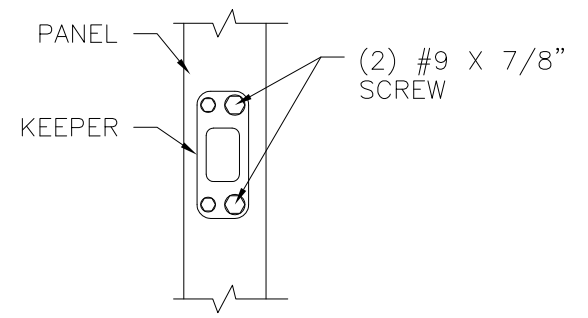
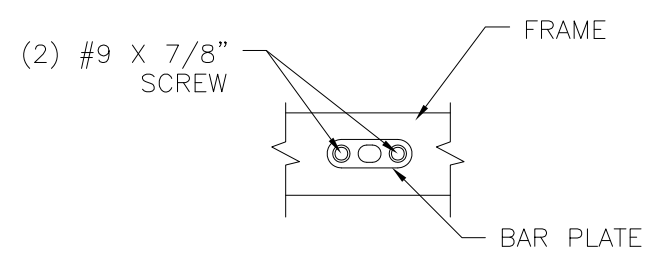
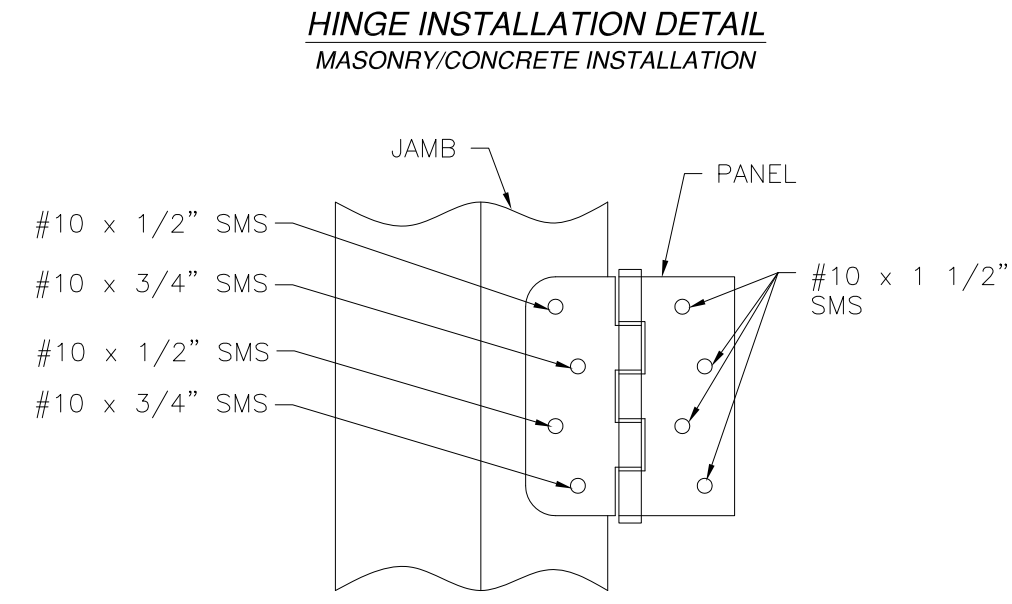
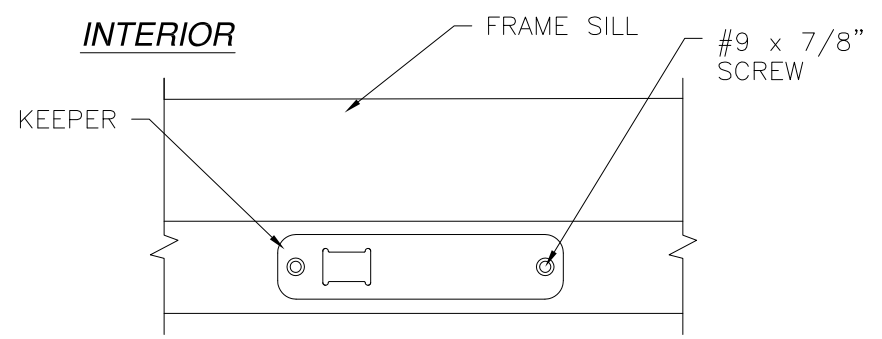
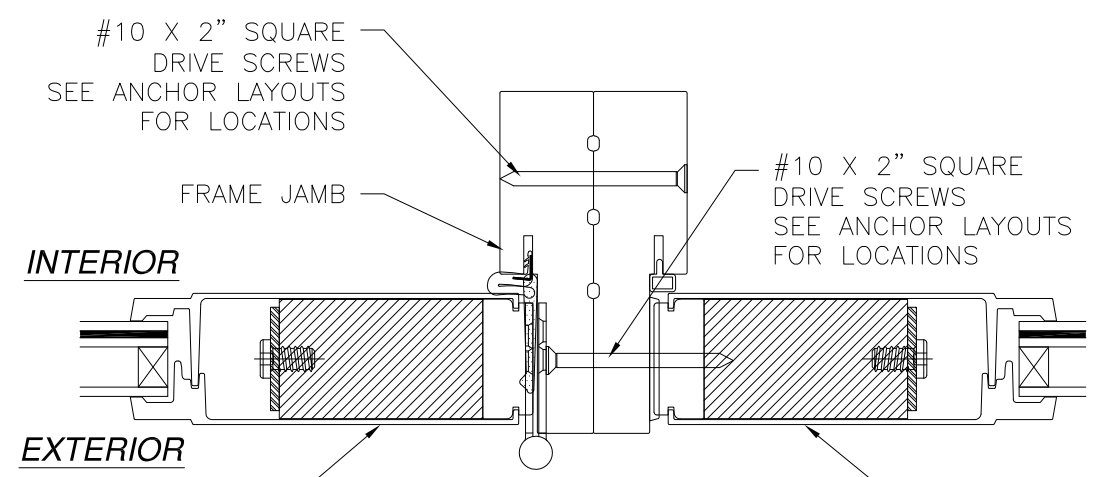
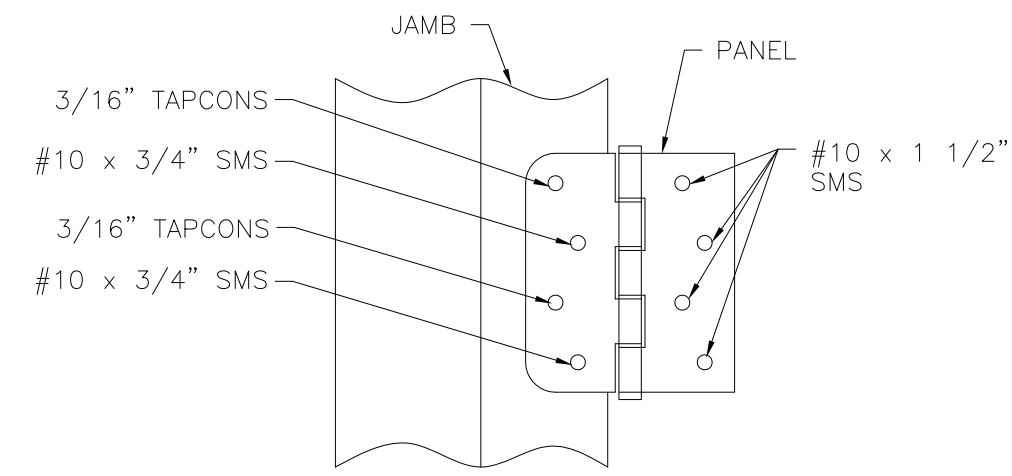
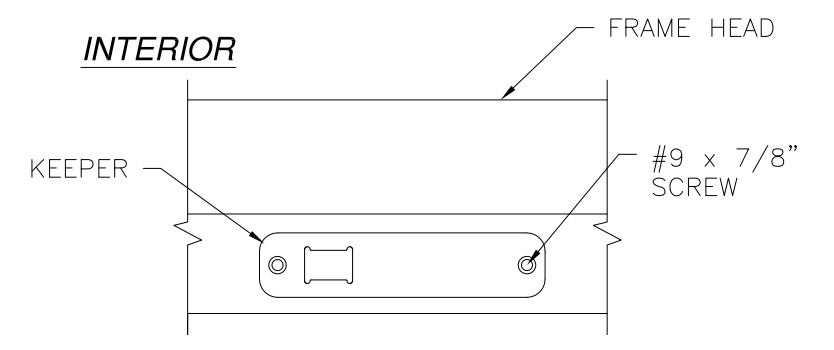
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/11/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



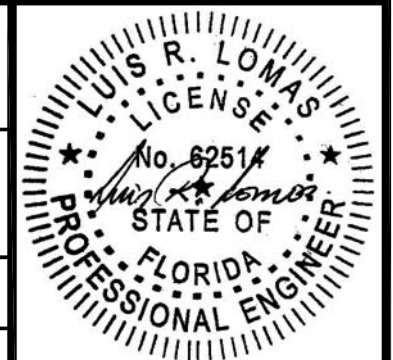
SIGNED: 08/11/2023

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

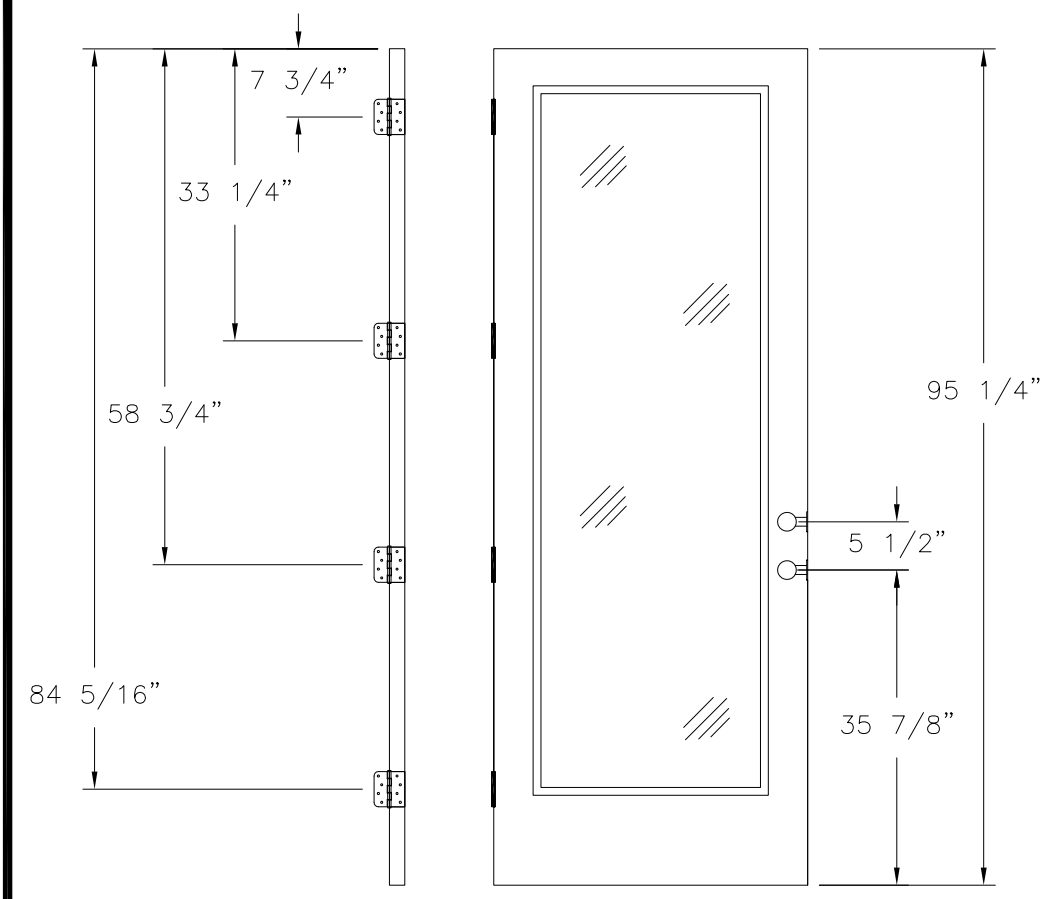
DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 14 OF 19

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

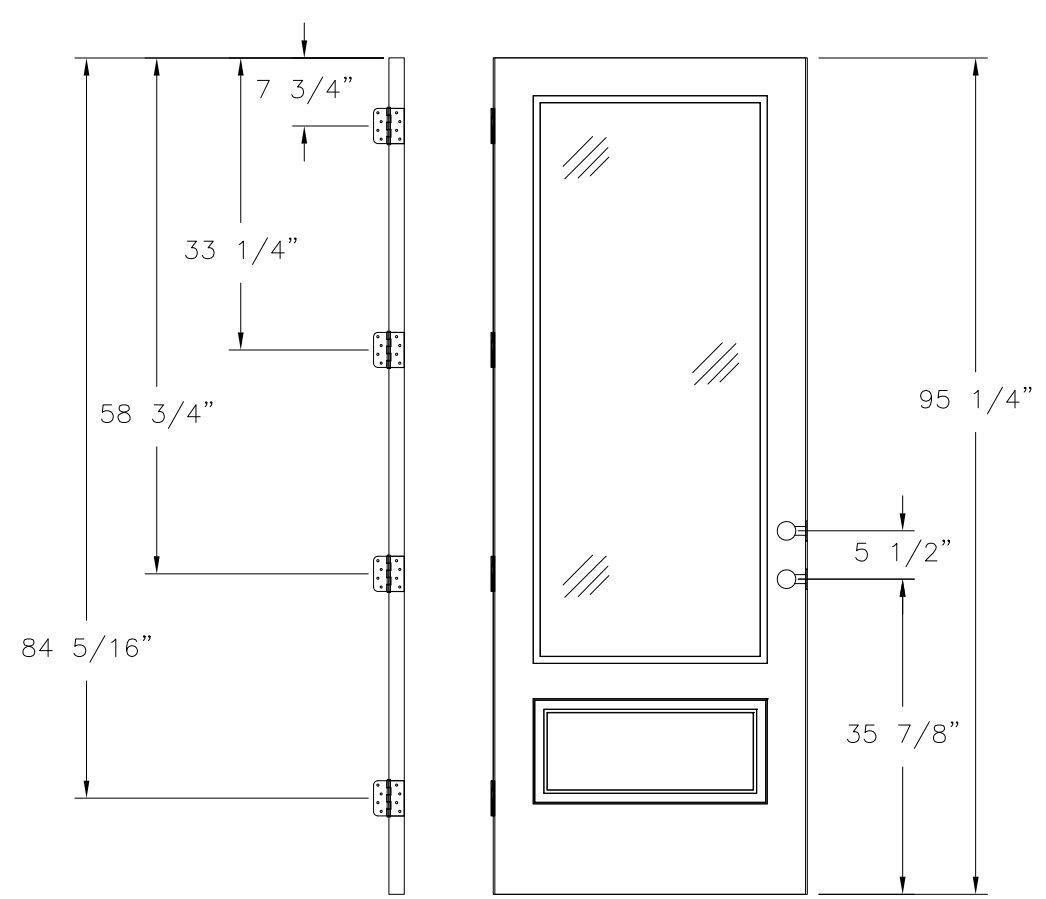


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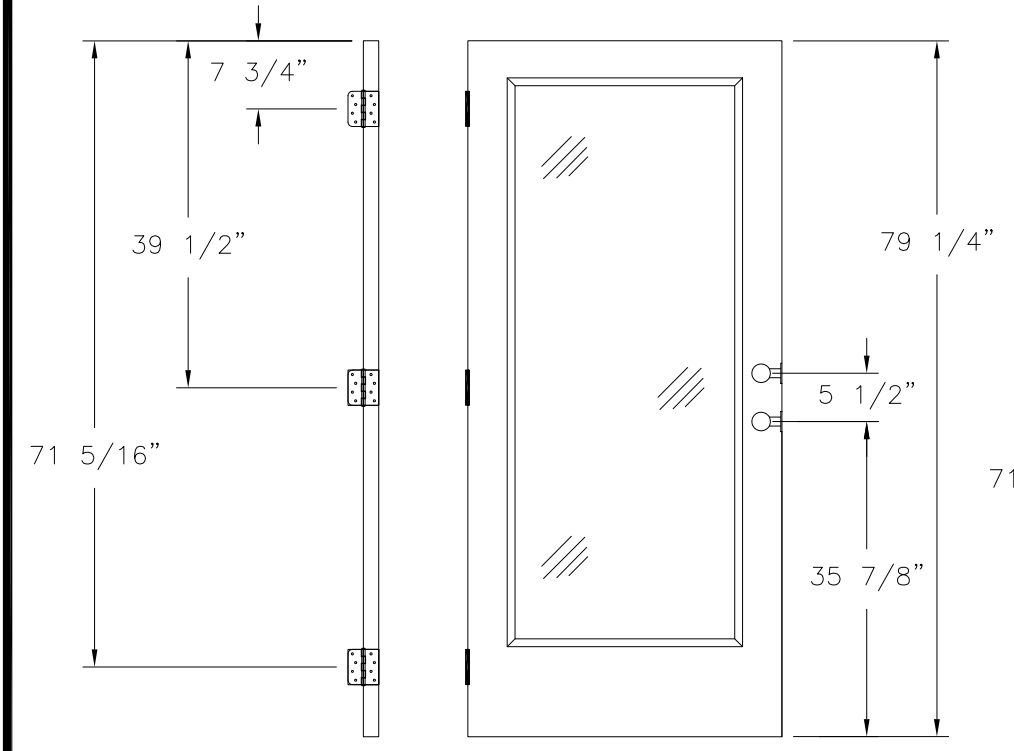
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



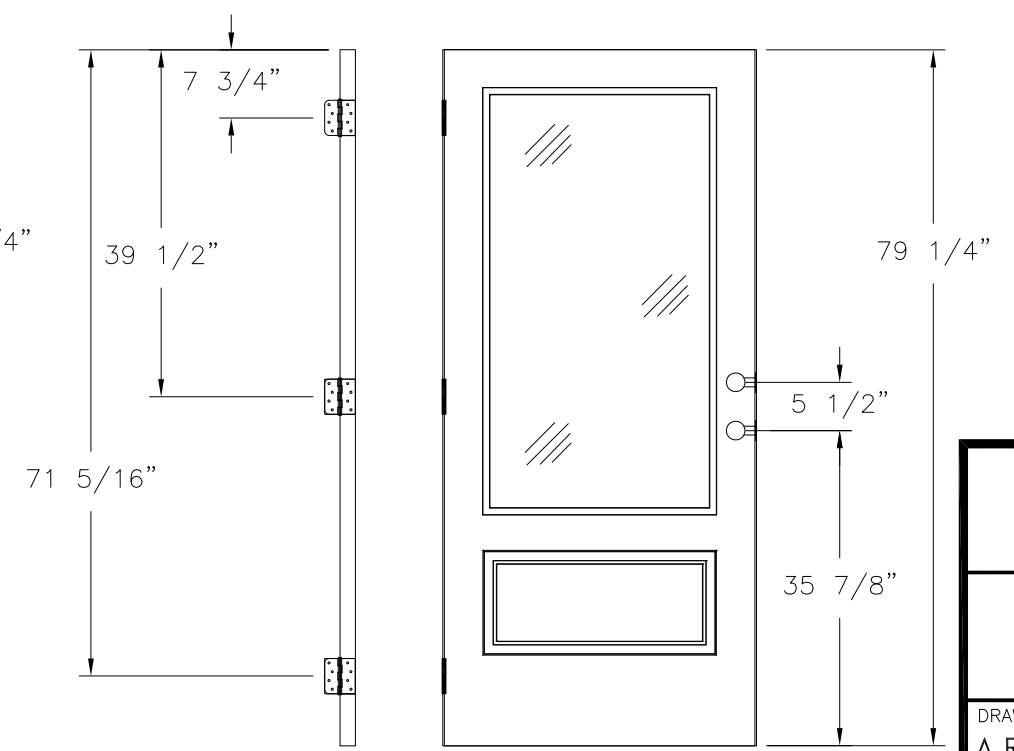
**LOCK AND HINGES LOCATIONS
FULL LITE PANEL**



**LOCK AND HINGES LOCATIONS
3/4 LITE PANEL**



**LOCK AND HINGES LOCATIONS
FULL LITE PANEL**



**LOCK AND HINGES LOCATIONS
3/4 LITE PANEL**

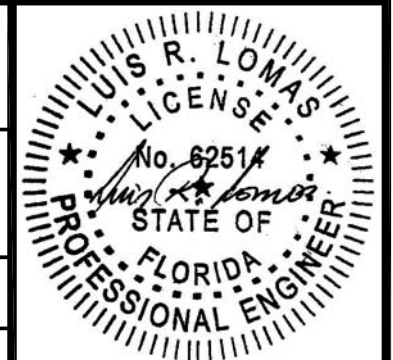
NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 15 OF 19

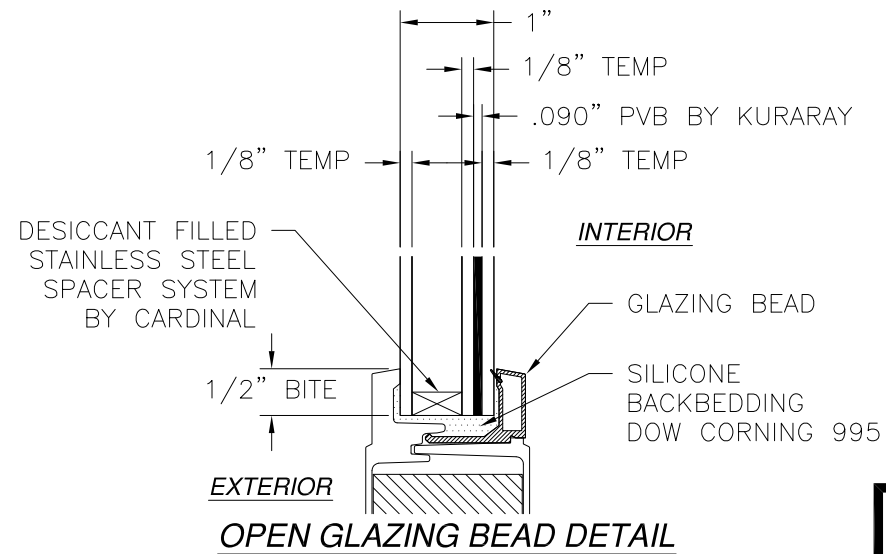
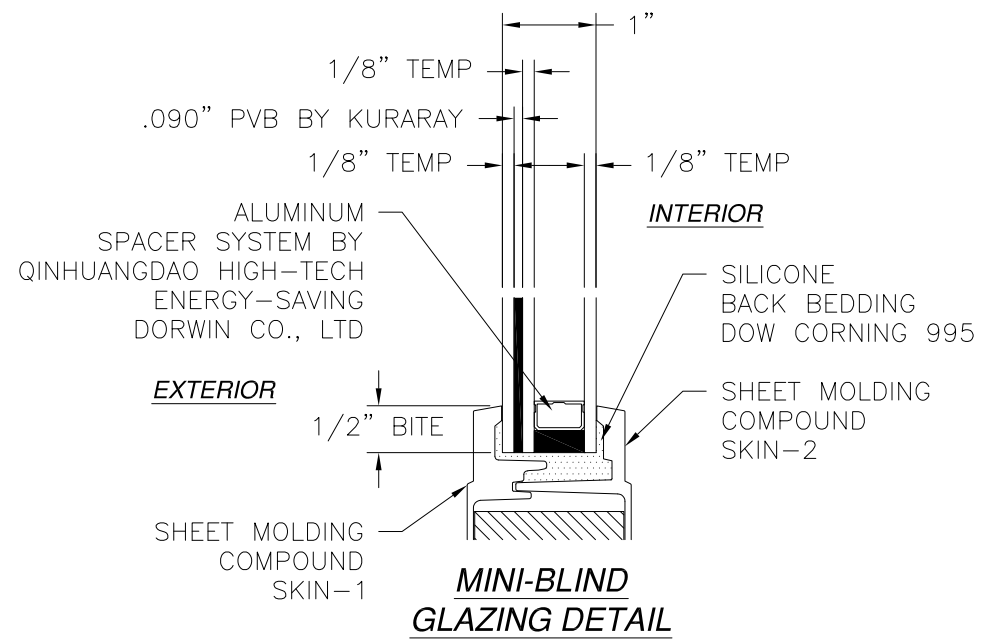
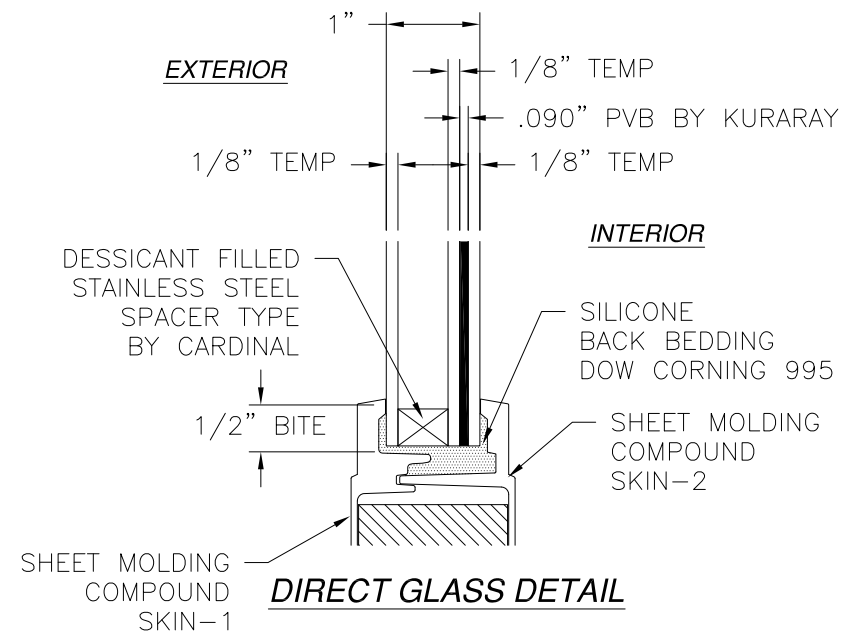
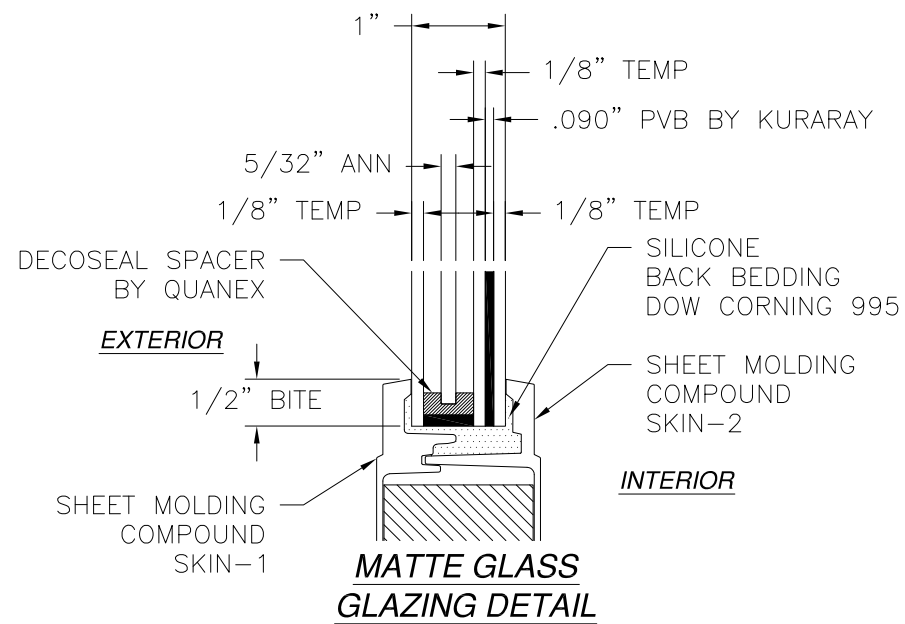
L. ROBERTO LOMAS P.E.
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Luis R. Lomas P.E.
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



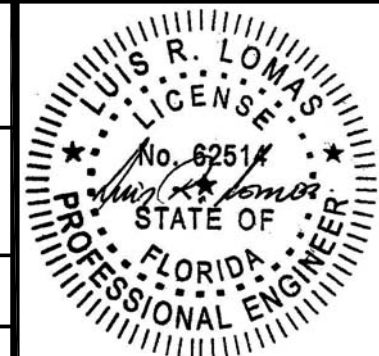
SIGNED: 08/11/2023

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 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

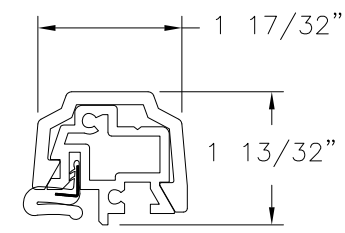
SLPS PATIO DOOR LITE 8'0 OUTSWING
 LARGE MISSILE IMPACT - HVHZ
 GLAZING DETAILS

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

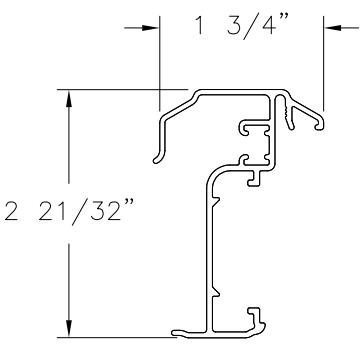
L. ROBERTO LOMAS P.E.
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 434-688-0609 rllomas@rlomaspe.com



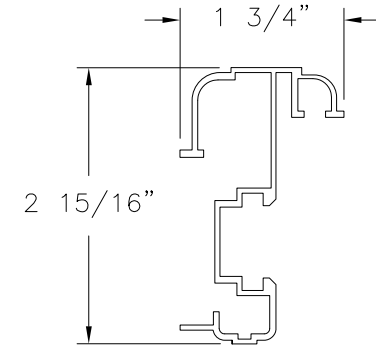
Luis R. Lomas P.E.
 FL No.: 62514



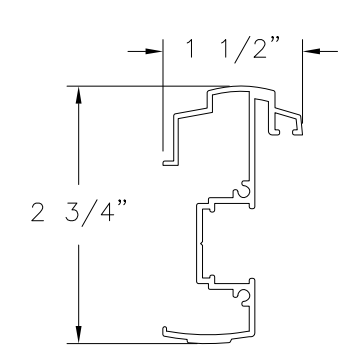
T-ASTRAGAL
RIGID PVC



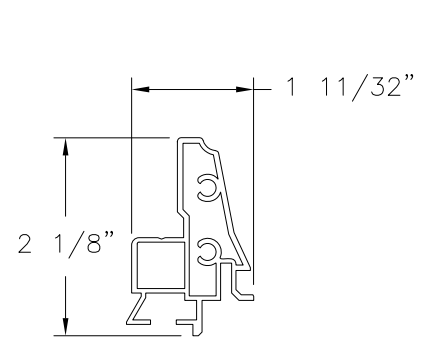
ENDURA ULTIMATE PUSH BUTTON
ASTRAGAL
ALTERNATE



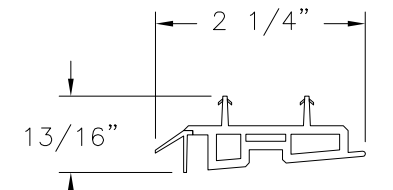
DLP ASTRAGAL
ALTERNATE



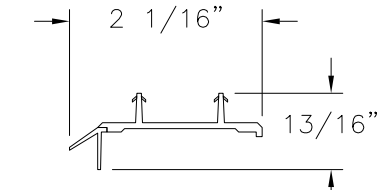
COLUMBIA T-ASTRAGAL
.060" THICKNESS, ALUMINUM 6063-T5
ALTERNATE



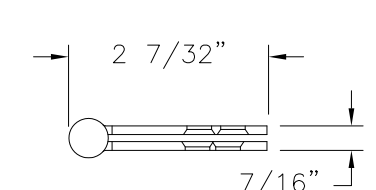
REINFORCEMENT (B)
ALUMINUM



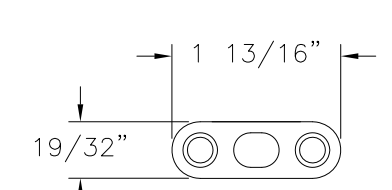
DOOR BOTTOM-B
PVC CO-EX



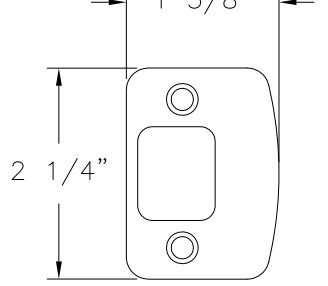
DOOR BOTTOM-A
PVC CO-EX



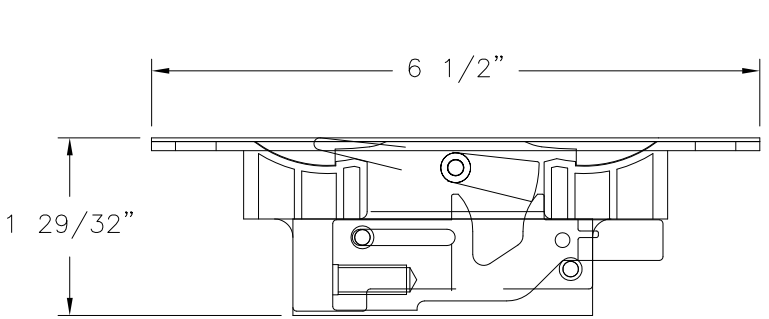
4" X 4" DOOR HINGE
STEEL



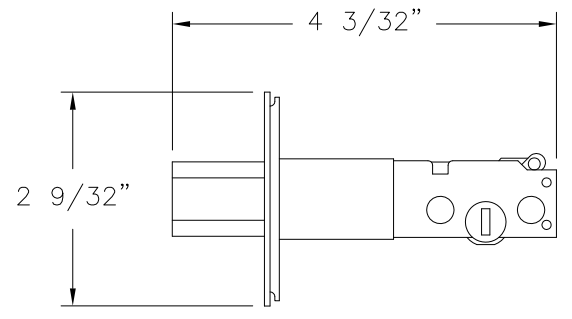
DRIVE BAR PLATE
STAINLESS STEEL



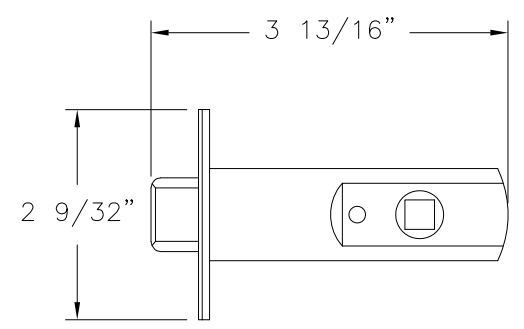
LATCH KEEPER
STAINLESS STEEL



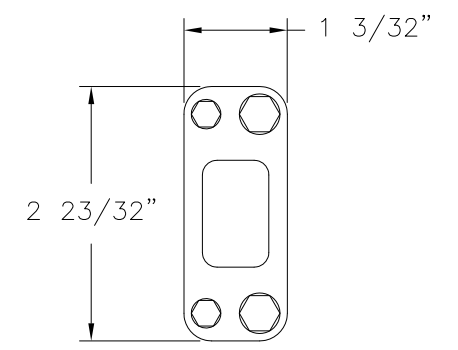
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X BY MICOTA TECH)



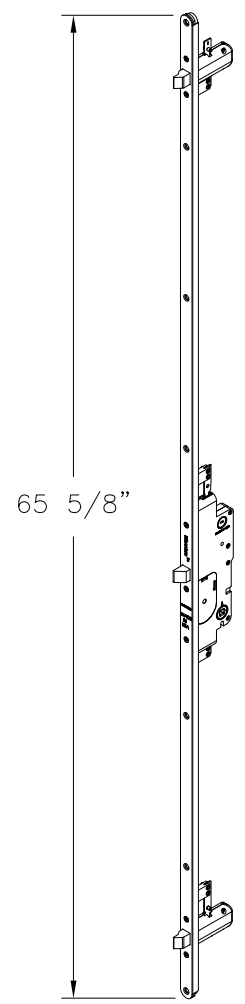
DOOR DEADBOLT
STEEL (KWIKSET 980)



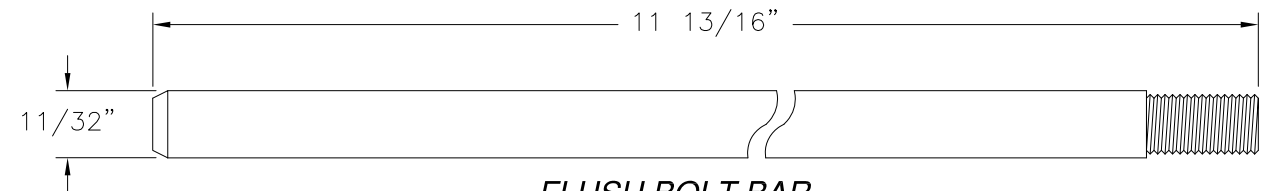
DOOR LATCH
STEEL (KWIKSET 400T-3-6AL-RCS)



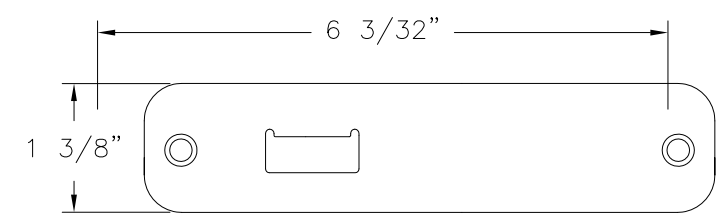
DEADBOLT KEEPER
STAINLESS STEEL (KWIKSET 980)



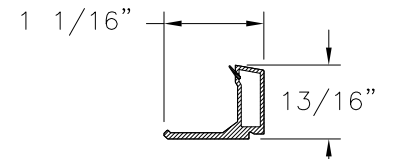
TRILENNIUM 3000



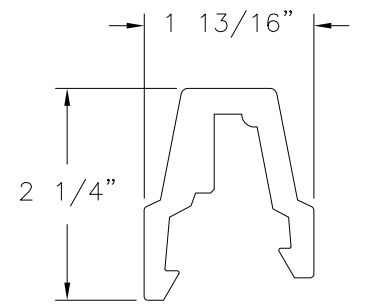
FLUSH BOLT BAR
STAINLESS STEEL (SS93B)



TOP/BOTTOM BAR KEEPER
STAINLESS STEEL (SS92H)



GLAZING BEAD
FOAM PVC



MULLION COVER (B)
FOAM PVC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.

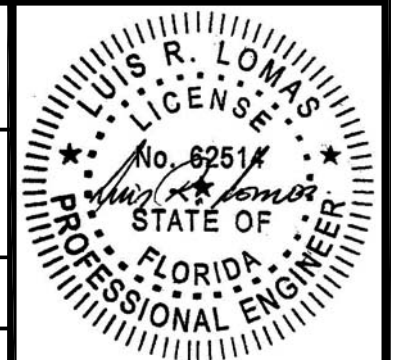
SIGNED: 08/11/2023

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

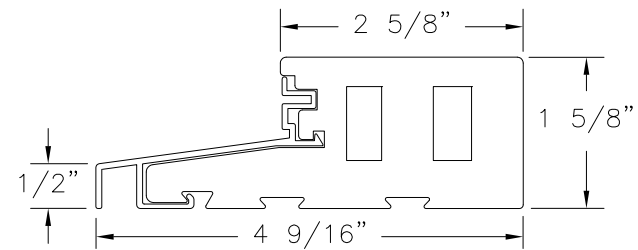
DRAWN: A.R.	DWG NO. 08-03450	REV F
SCALE NTS	DATE 06/25/19	SHEET 17 OF 19

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

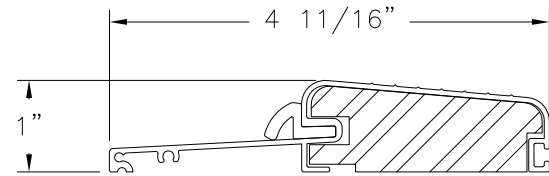


Luis R. Lomas P.E.
FL No.: 62514

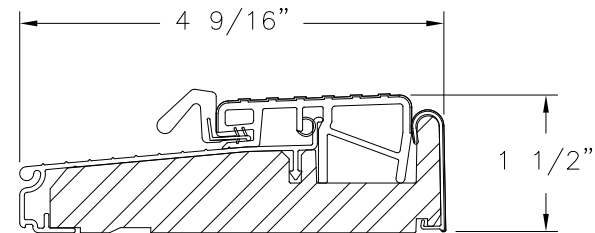
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED COMPONENTS	08/03/23	R.L.



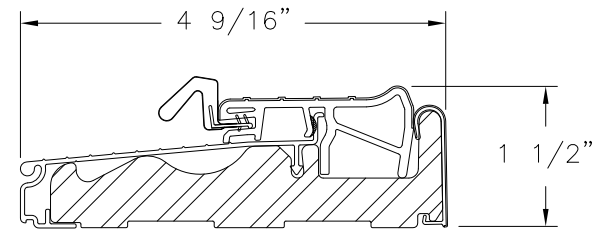
DOOR SILL
FOAM PVC CO-EX & ALUMINUM



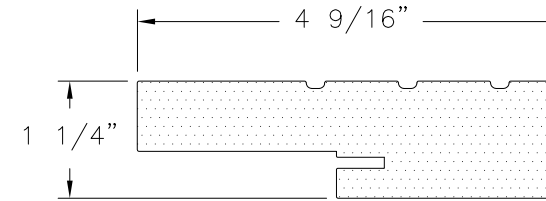
COLUMBIA THRESHOLD 575
ALTERNATE



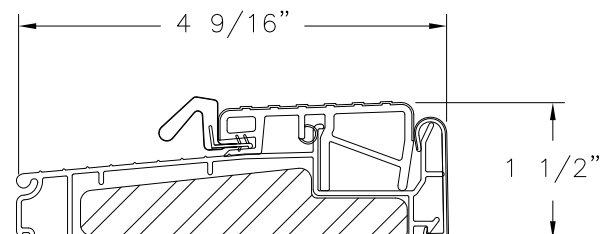
ENDURA THRESHOLD ZOB4565FN
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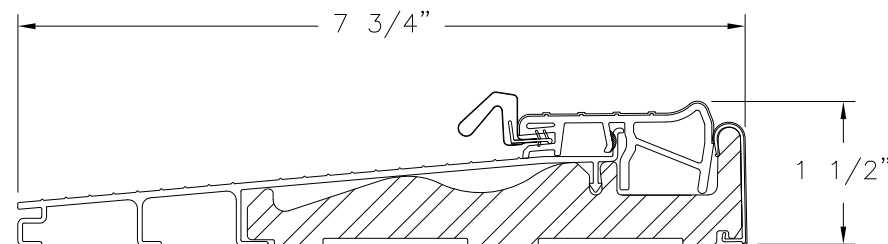
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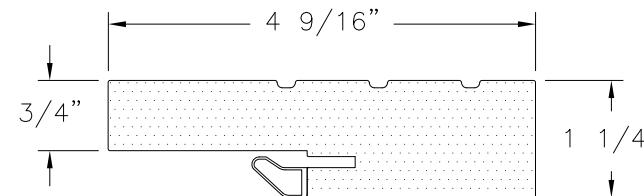
FRAME STANDARD
COMPOSITE



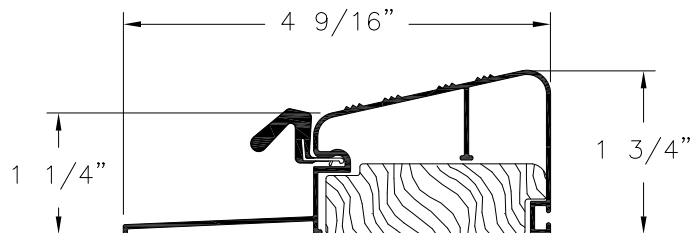
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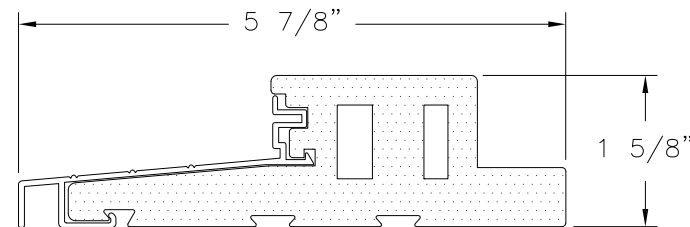
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ALTERNATE



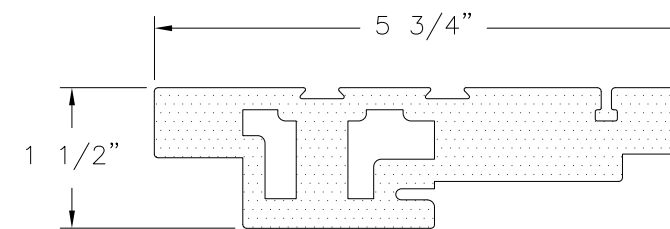
FRAME SOFT PVC
COMPOSITE



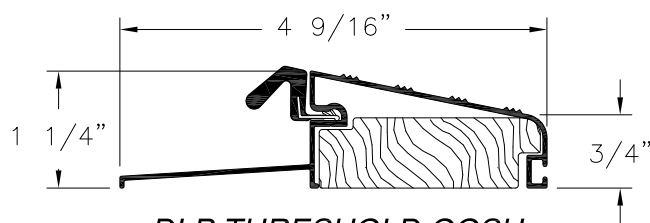
DLP THRESHOLD QOSR
ALTERNATE



NEUMA SILL
ALTERNATE



NEUMA HEAD FRAME & JAMB
COMPOSITE



DLP THRESHOLD QOSH
ALTERNATE

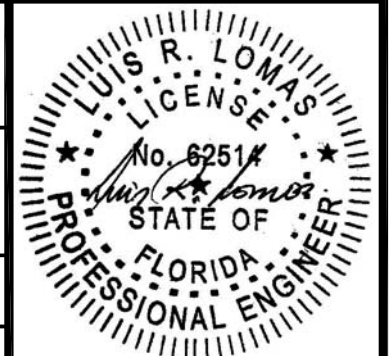
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
COMPONENTS

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

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



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

APPROVED PANEL CONFIGURATIONS
3/4 LITE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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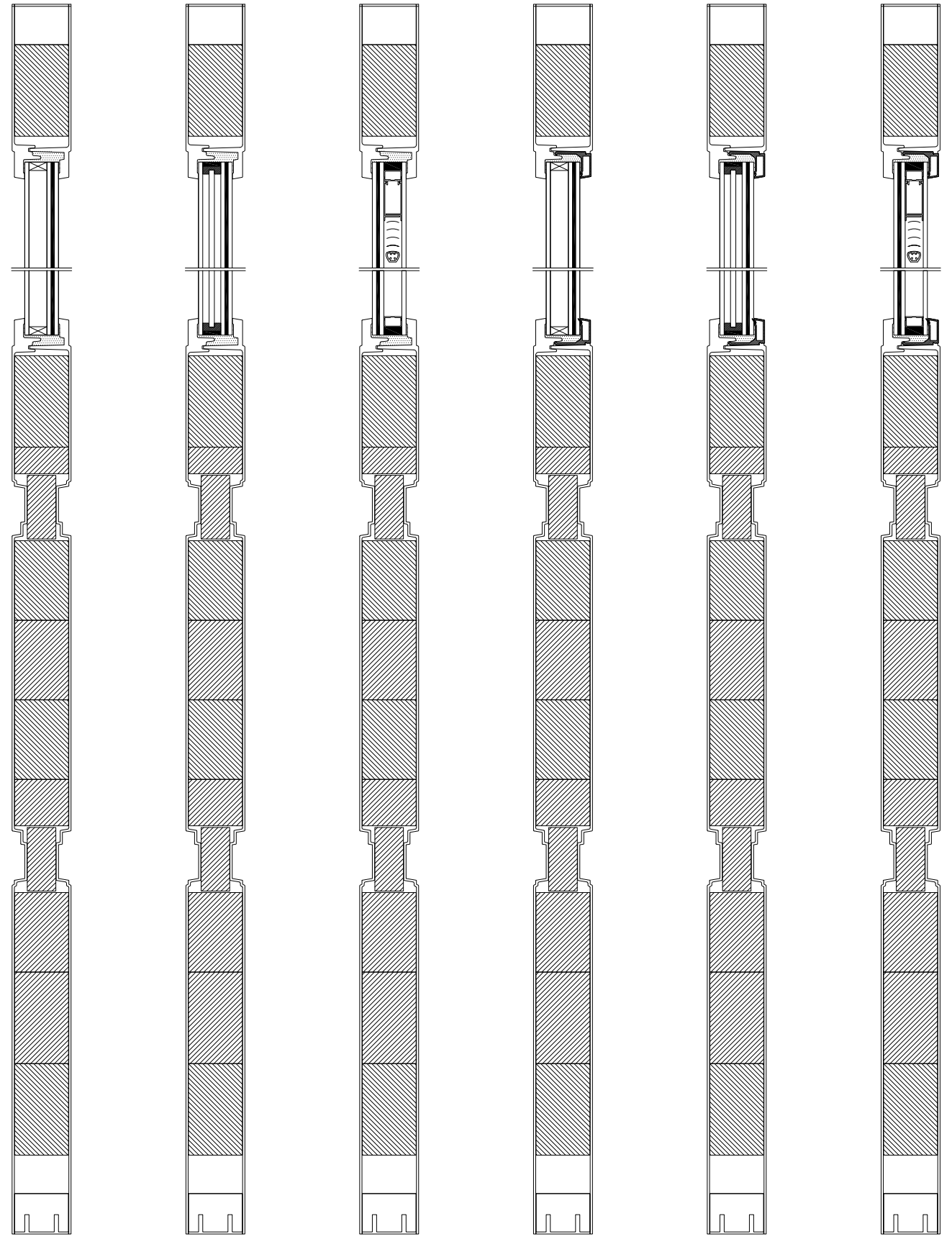
DIRECT GLAZING

OPEN GLAZING BEAD

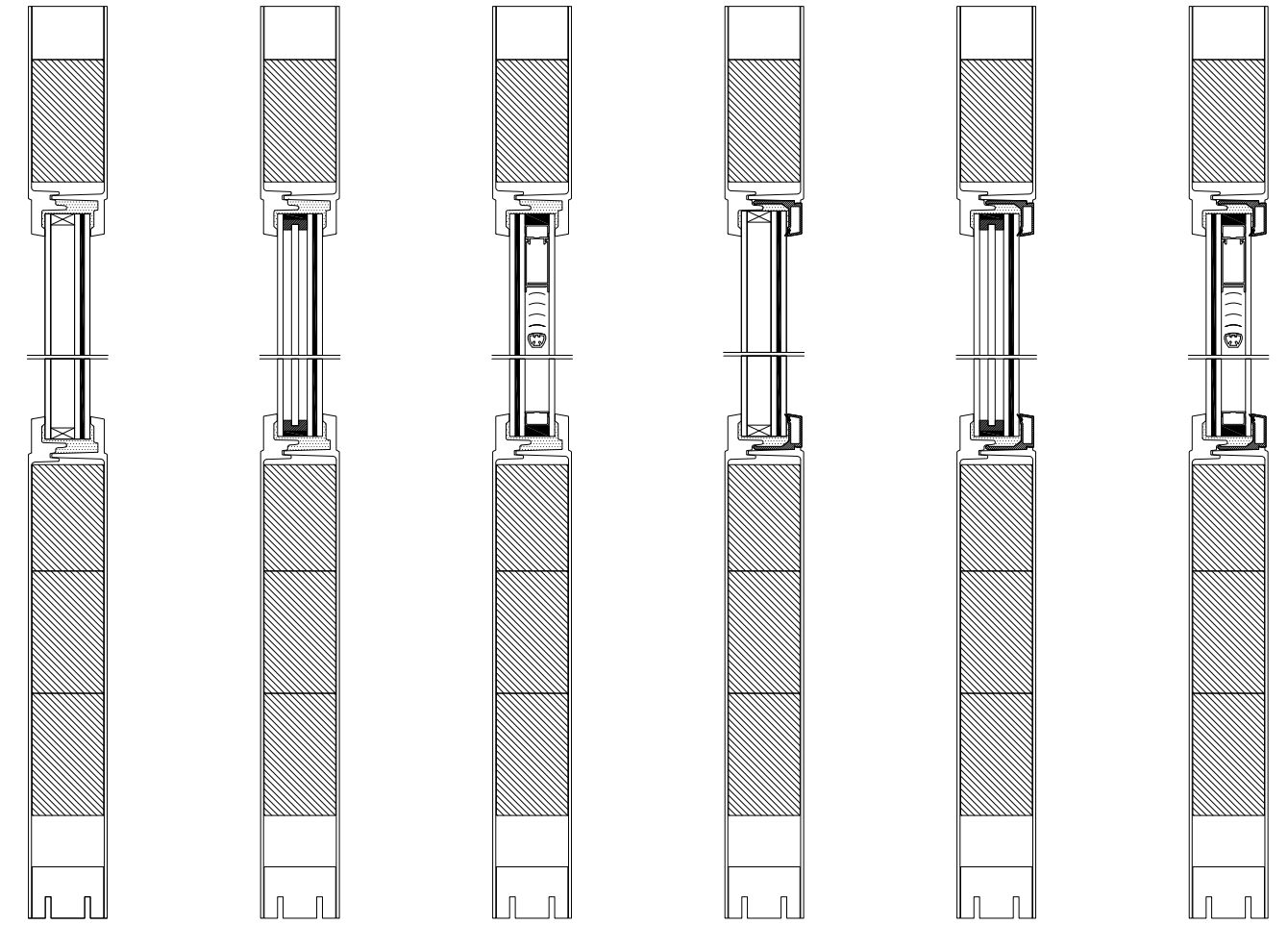
APPROVED PANEL CONFIGURATIONS
FULL LITE

DIRECT GLAZING

OPEN GLAZING BEAD



W/STD GLASS W/MATTE GLASS W/MINI-BLIND W/STD GLASS W/MATTE GLASS W/MINI-BLIND



W/STD GLASS W/MATTE GLASS W/MINI-BLIND W/STD GLASS W/MATTE GLASS W/MINI-BLIND

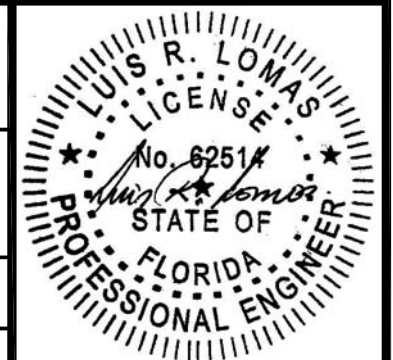
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
APPROVED PANEL CONFIGURATIONS

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

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