

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	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 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.

SIGNED: 08/11/2023


TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 3	ELEVATIONS
4	APPROVED CONFIGURATIONS
5 - 6	ANCHORING LAYOUTS
7 - 15	INSTALLATION DETAILS
16	GLAZING DETAILS
17 - 18	COMPONENTS
19	APPROVED PANEL CONFIGURATIONS

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

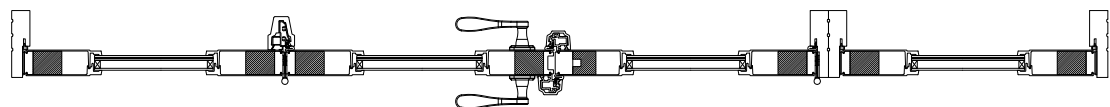
SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
NOTES

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 1 OF 19

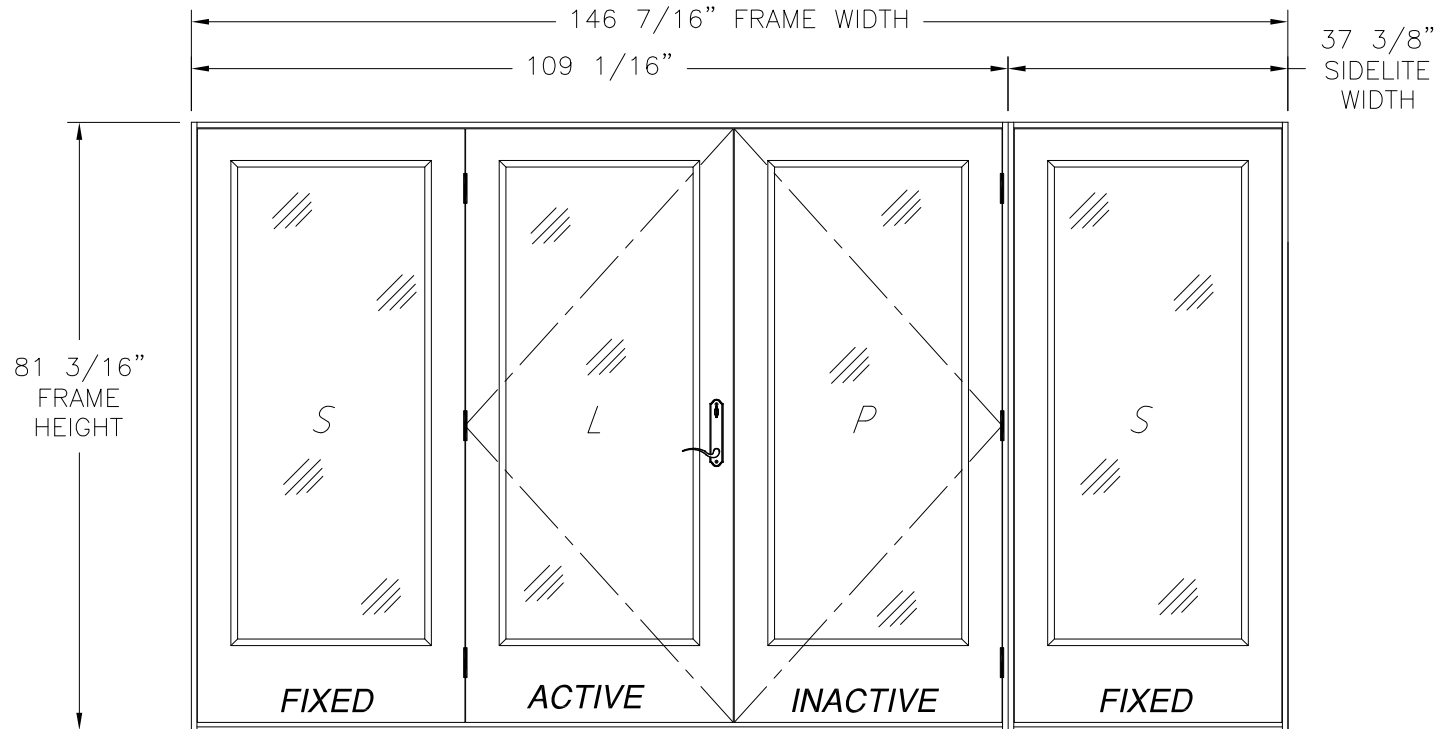
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



NOTES:
1. PANEL SIZE: 35 3/4" X 79 1/4"
2. 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.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

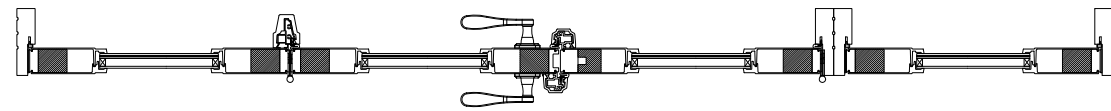
SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
FULL LITE PANELS ELEVATION

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 2 OF 19

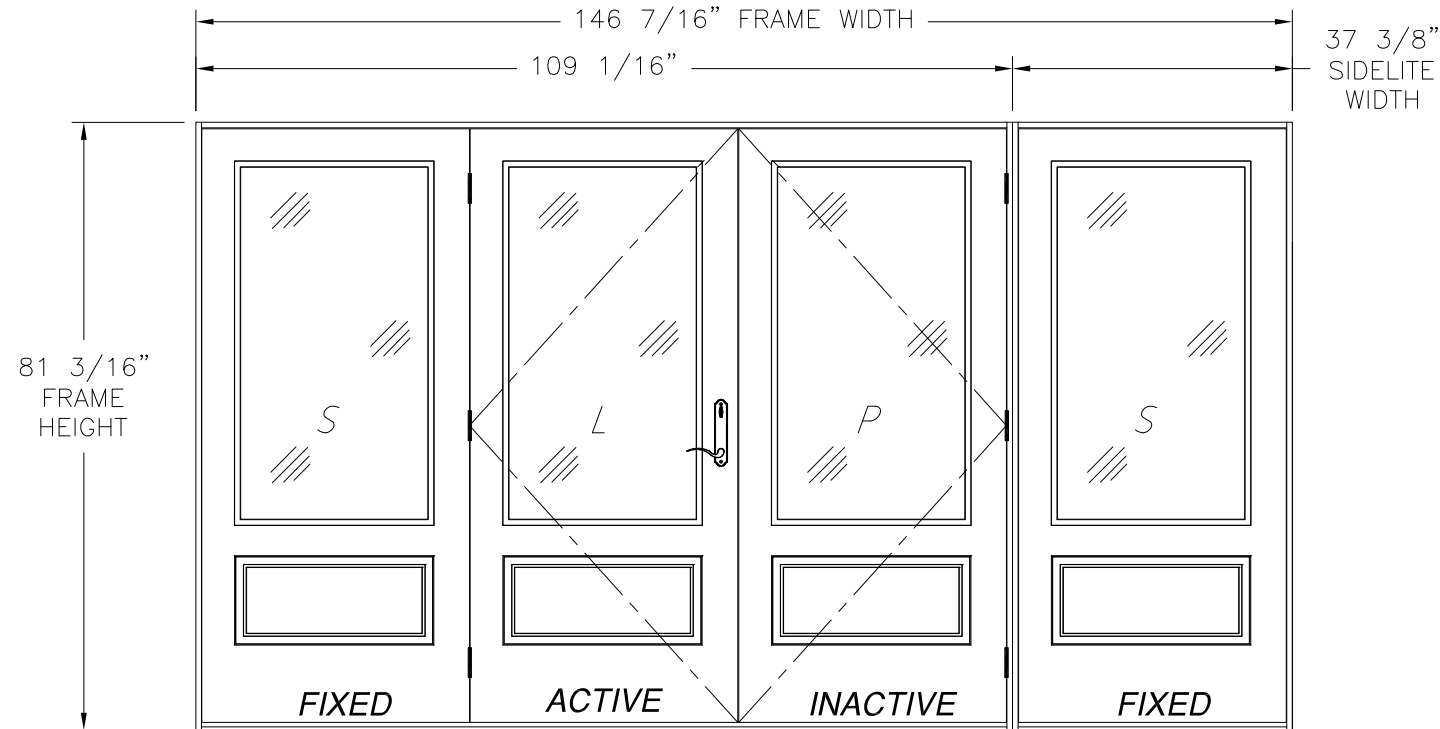
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	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, 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
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

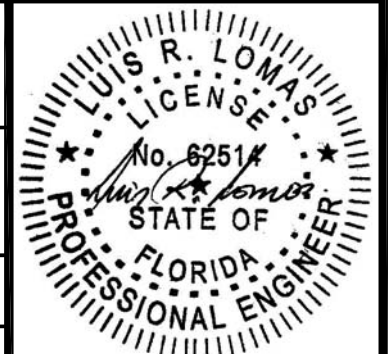
SIGNED: 08/11/2023

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

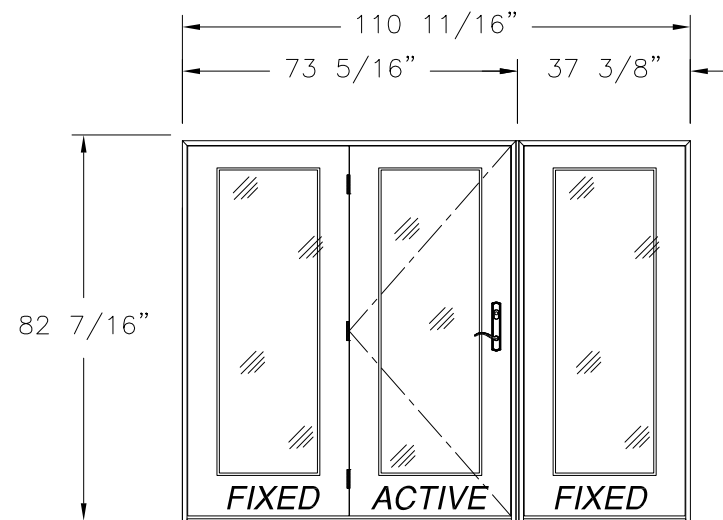
SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
3/4 PANELS ELEVATION

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 3 OF 19

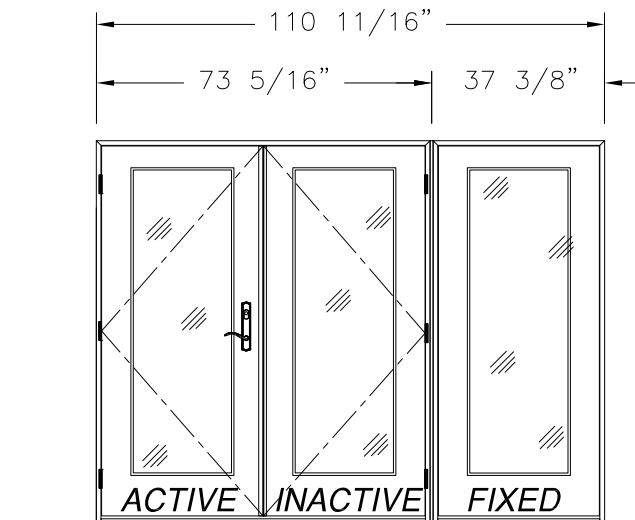
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



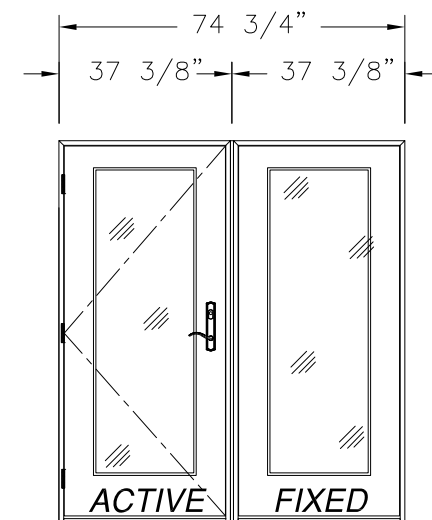
Luis R. Lomas P.E.
FL No.: 62514



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

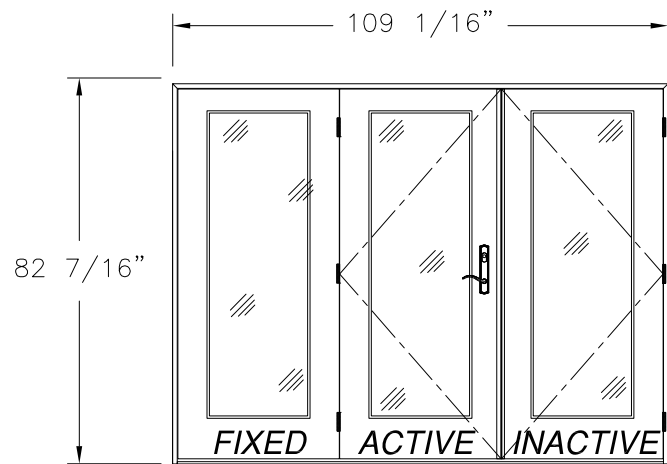


SINGLE W/SIDELITE MULL. (X/O, O/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR

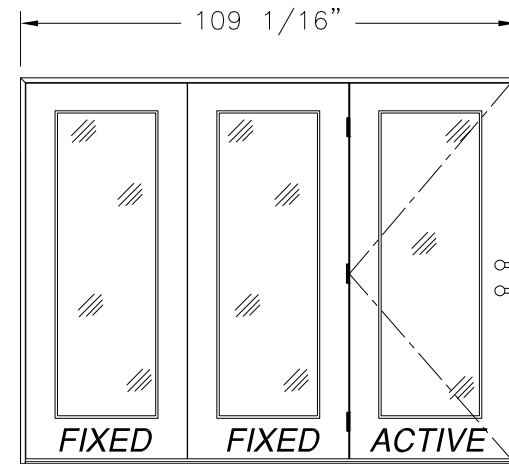
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.

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

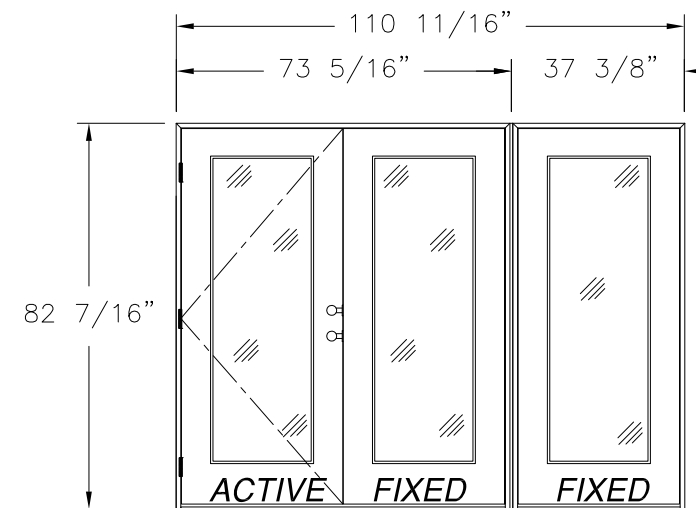
SINGLE (X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



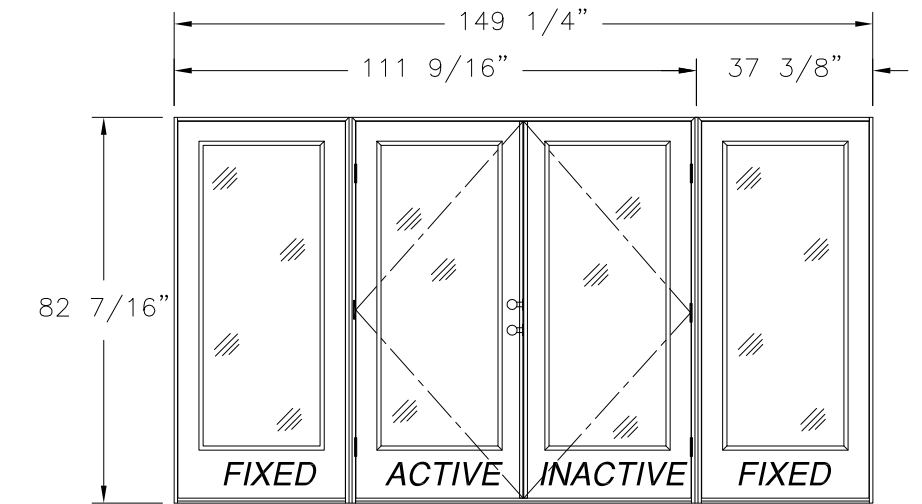
DOUBLE W/SIDELITE (OXX, XXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



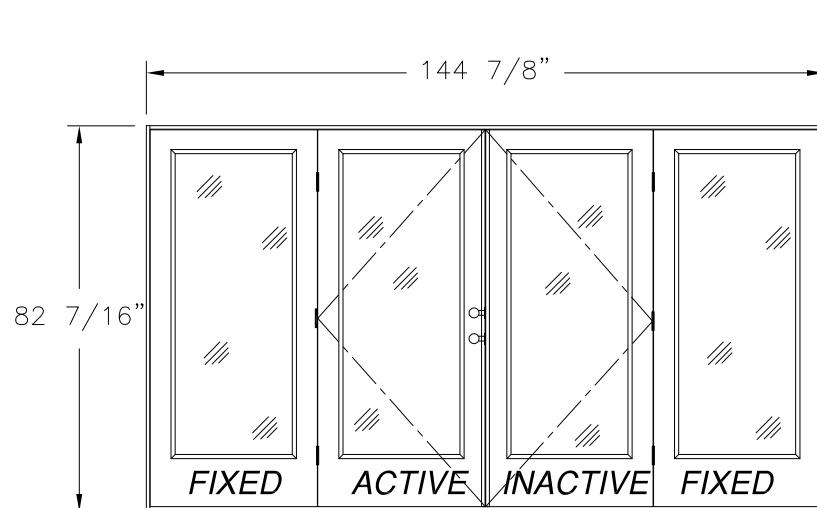
SINGLE W/SIDELITES (OOX, XOO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



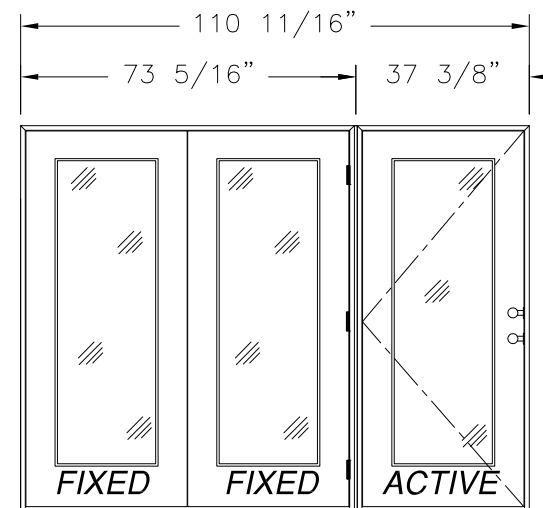
SINGLE W/SIDELITES MULL. (XO/O, O/OX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



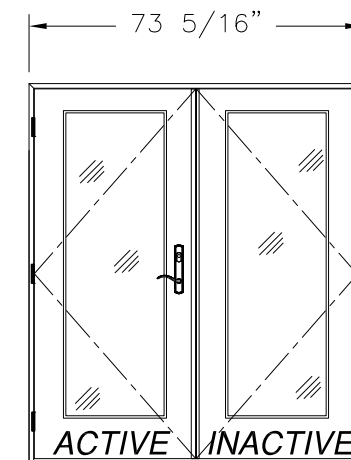
DOUBLE W/SIDELITES MULL. (O/XX/O)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 LITE SIMILAR



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.

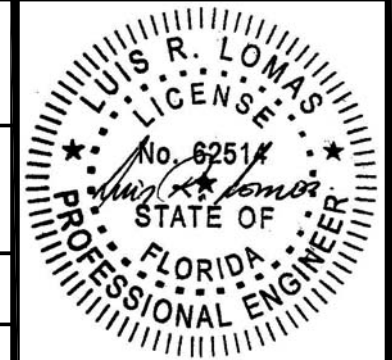
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 4 OF 19

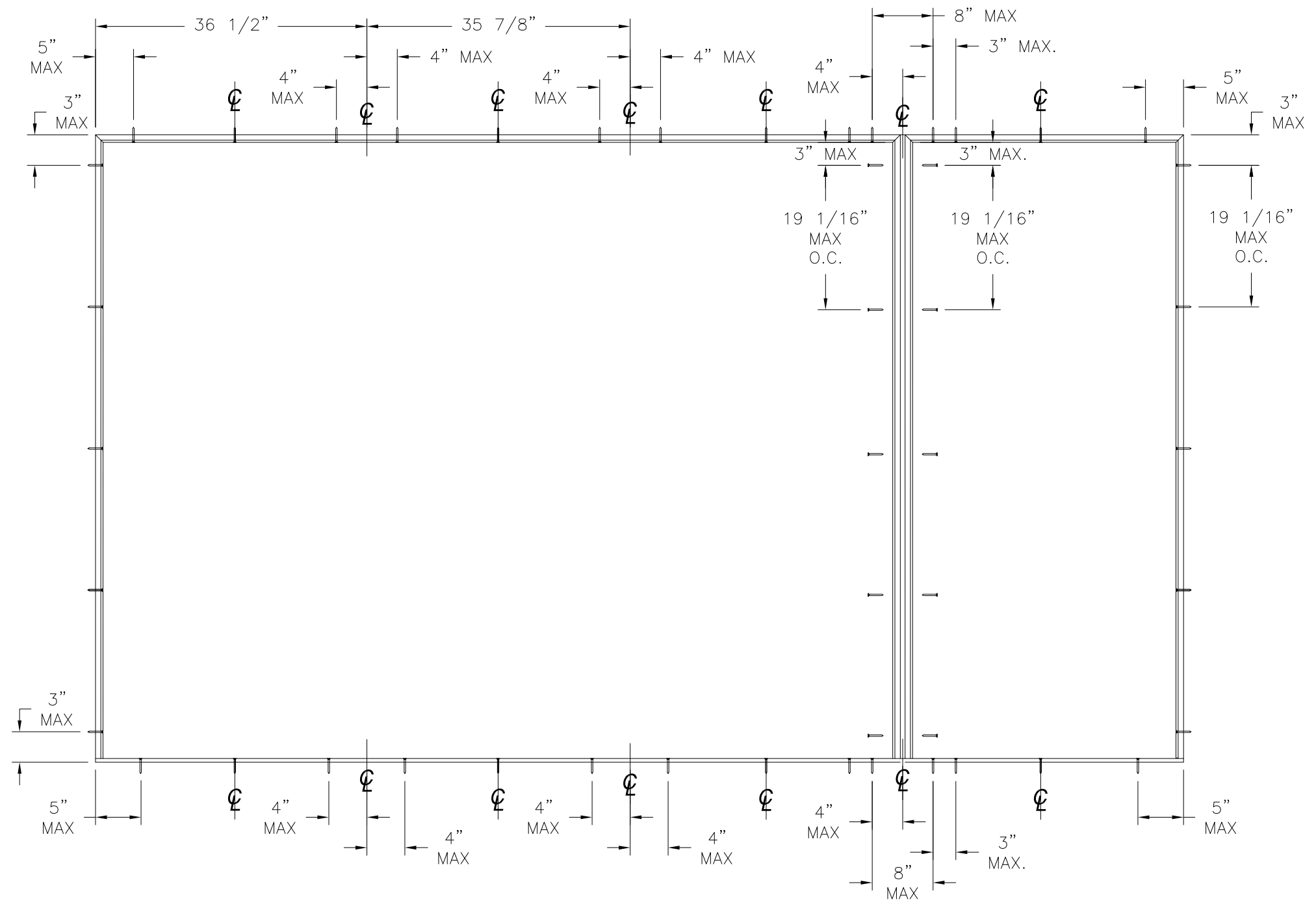
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023



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

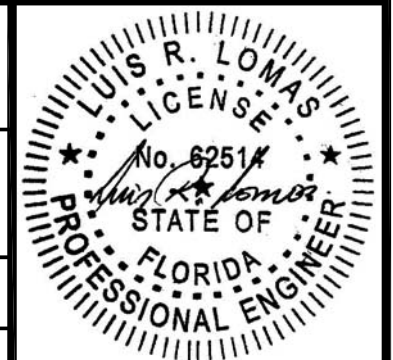
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



ANCHORING LAYOUT

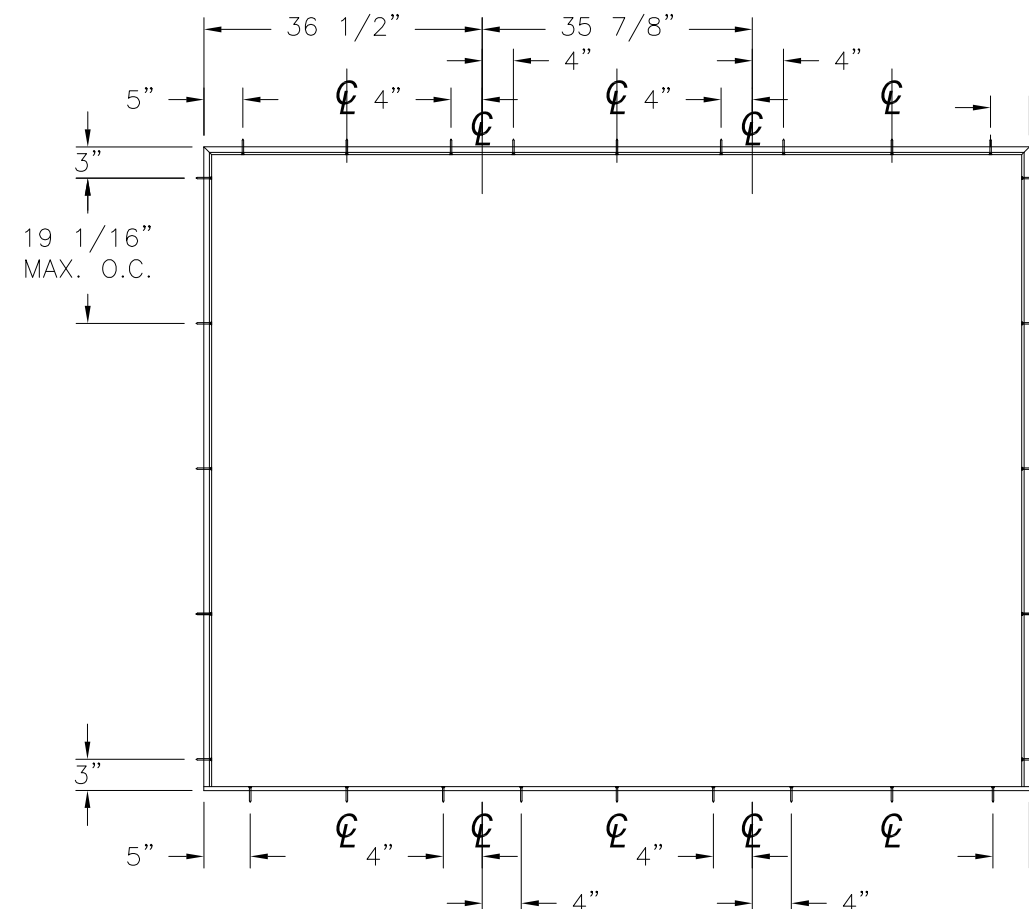
SIGNED: 08/11/2023

NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SLPS PATIO DOOR LITE 6'11" OUT-SWING LARGE MISSILE IMPACT - HVHZ ANCHORING LAYOUT		
DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 5 OF 19
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

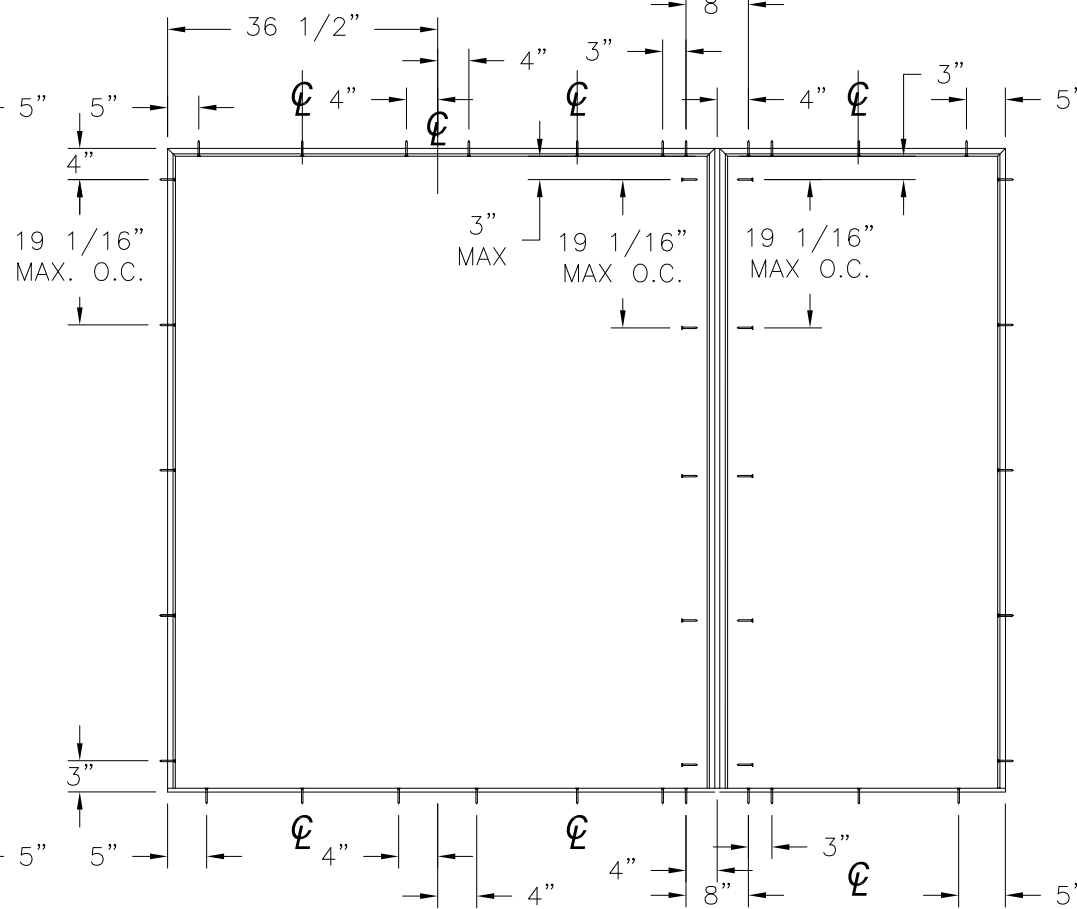


Luis R. Lomas P.E.
FL No.: 62514

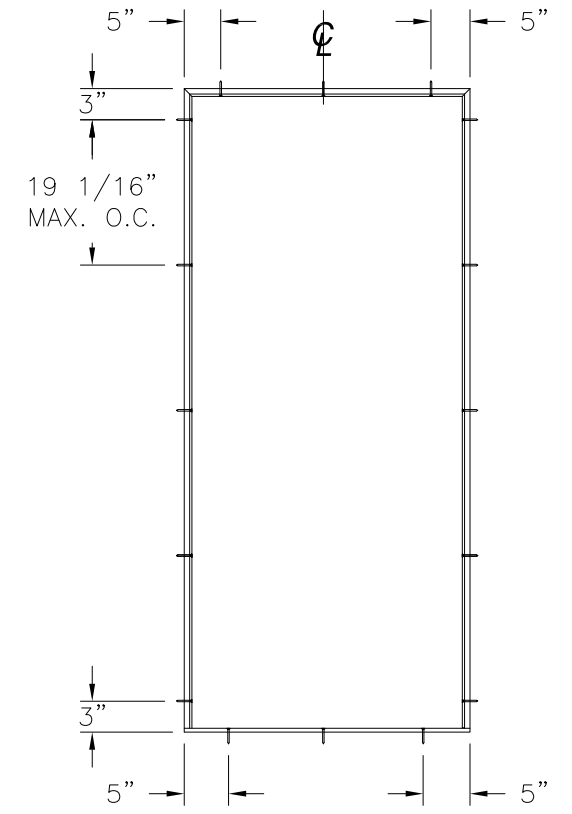
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



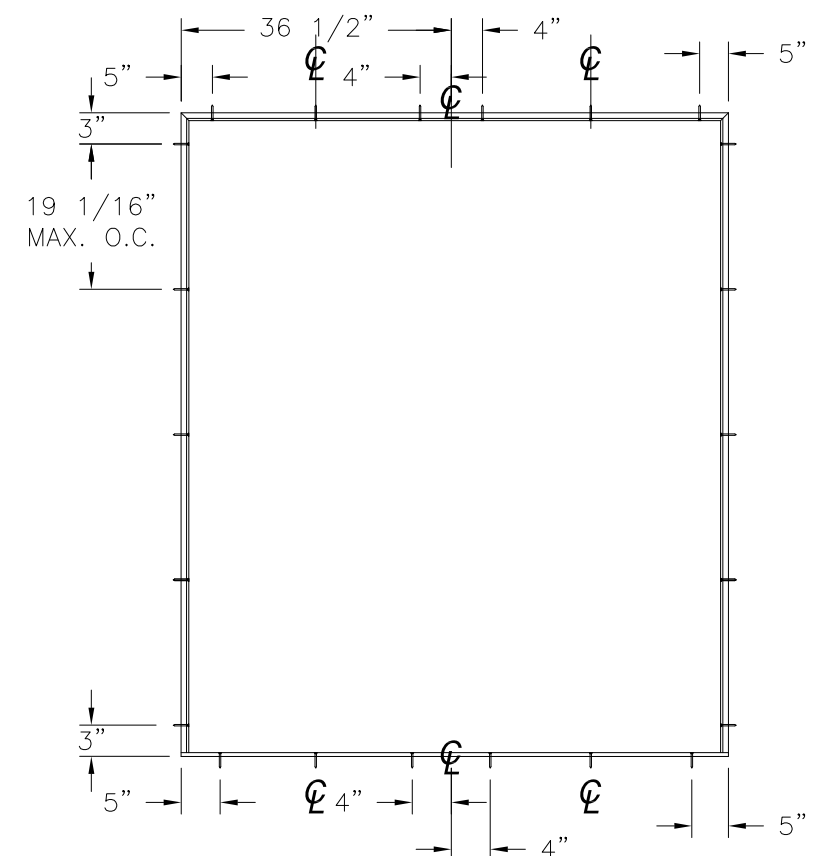
ANCHORING LAYOUT FOR OXO, XXO AND OXX



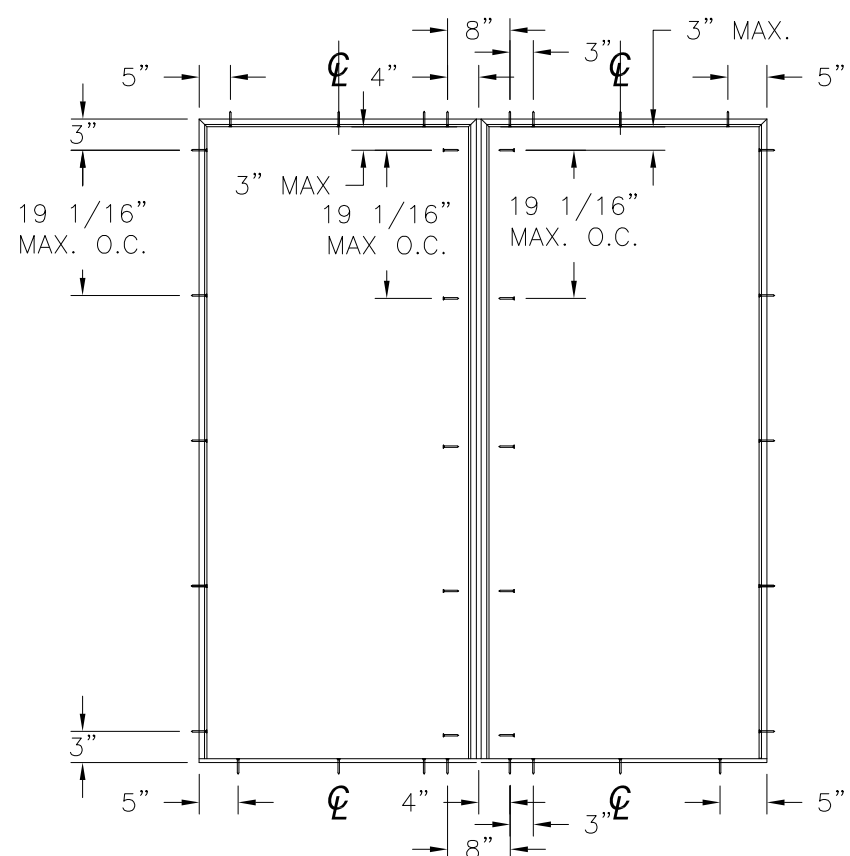
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR X



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)

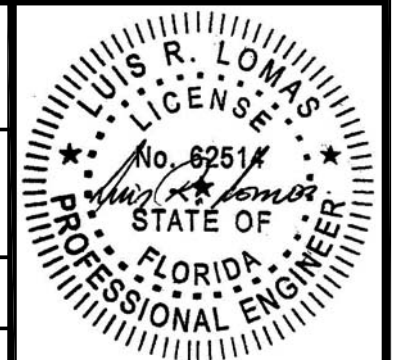
NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 6 OF 19

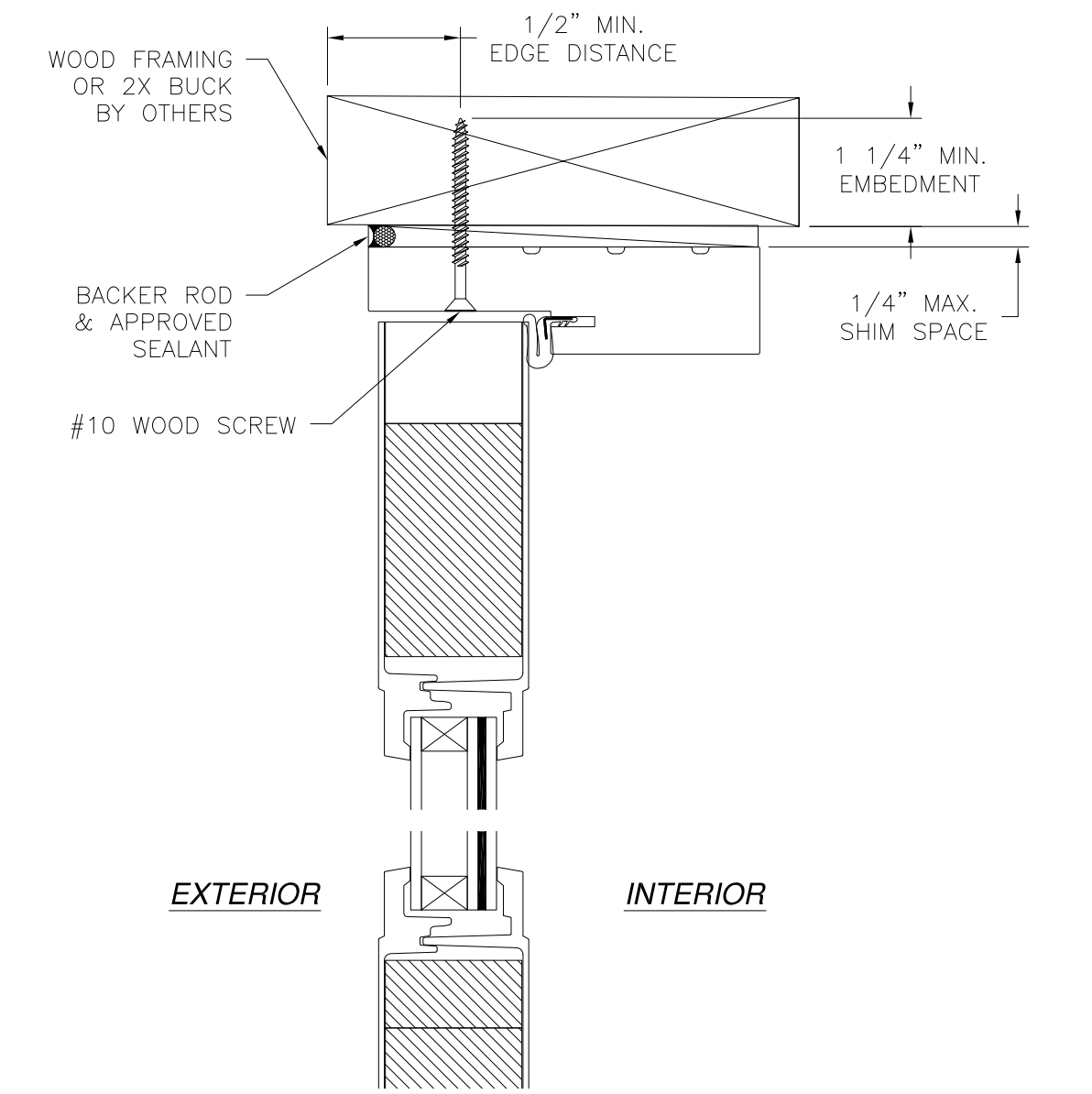
L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023

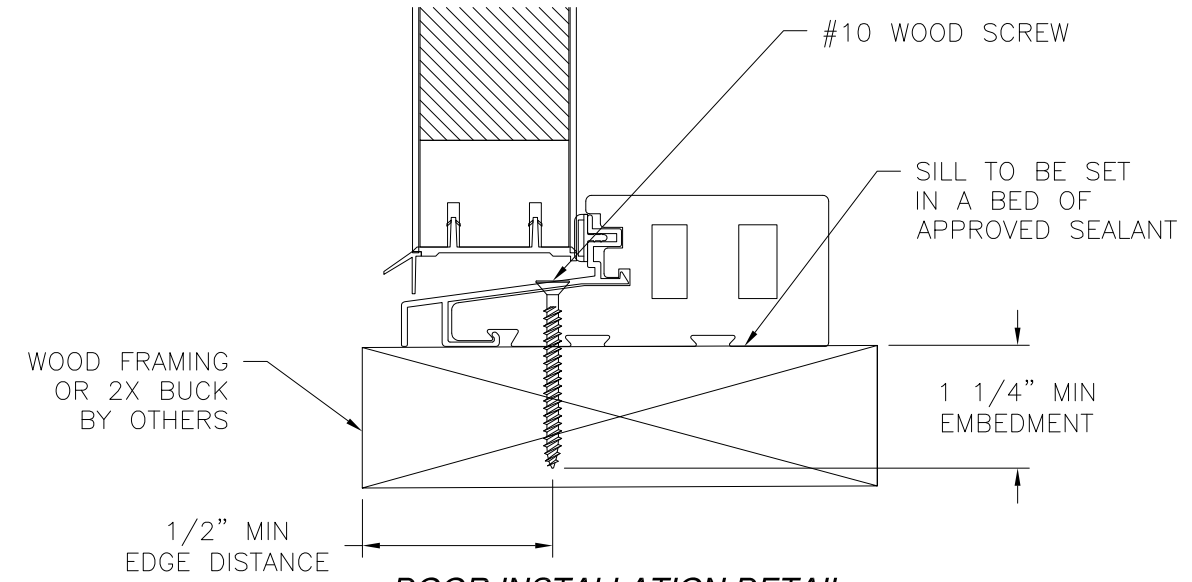


Luis R. Lomas P.E.
 FL No.: 62514

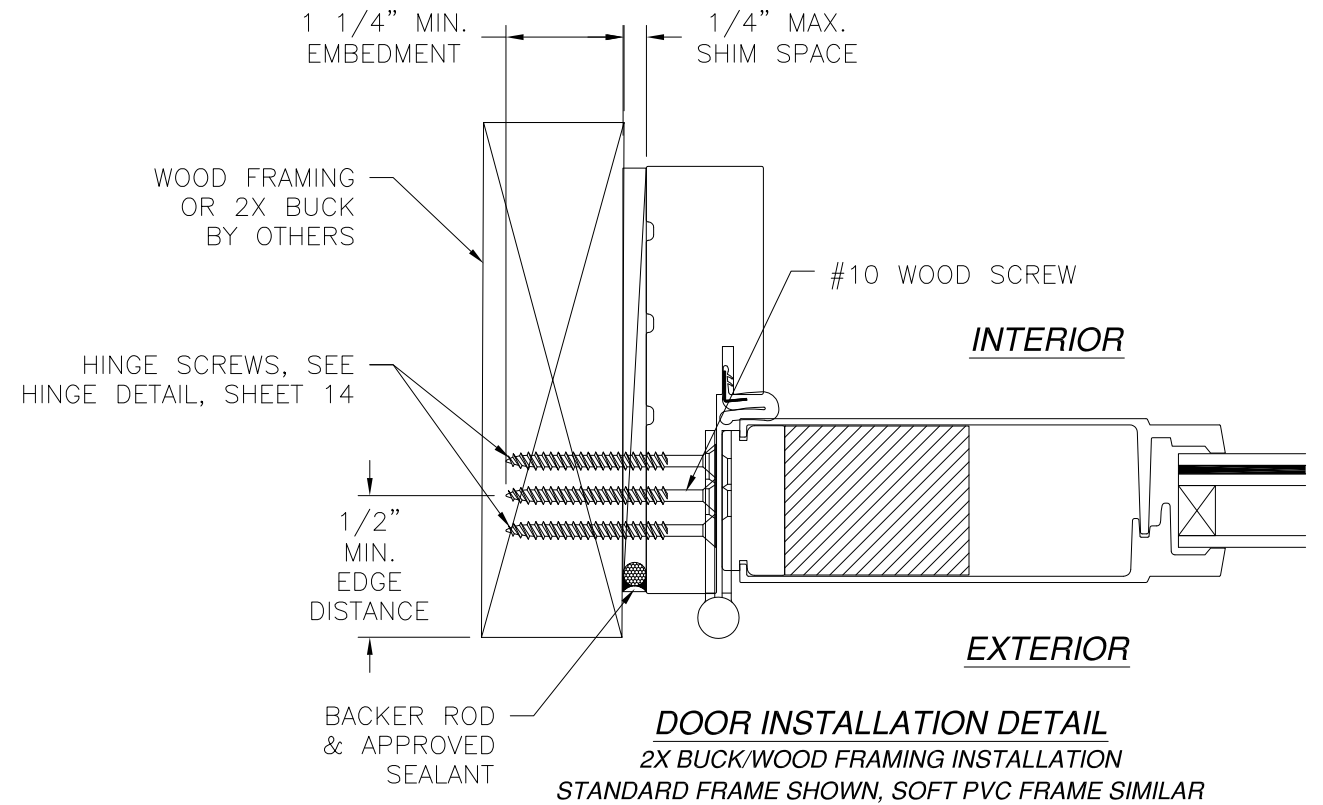
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



EXTERIOR **INTERIOR**



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



DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION
STANDARD FRAME SHOWN, SOFT PVC FRAME 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

SIGNED: 08/11/2023

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

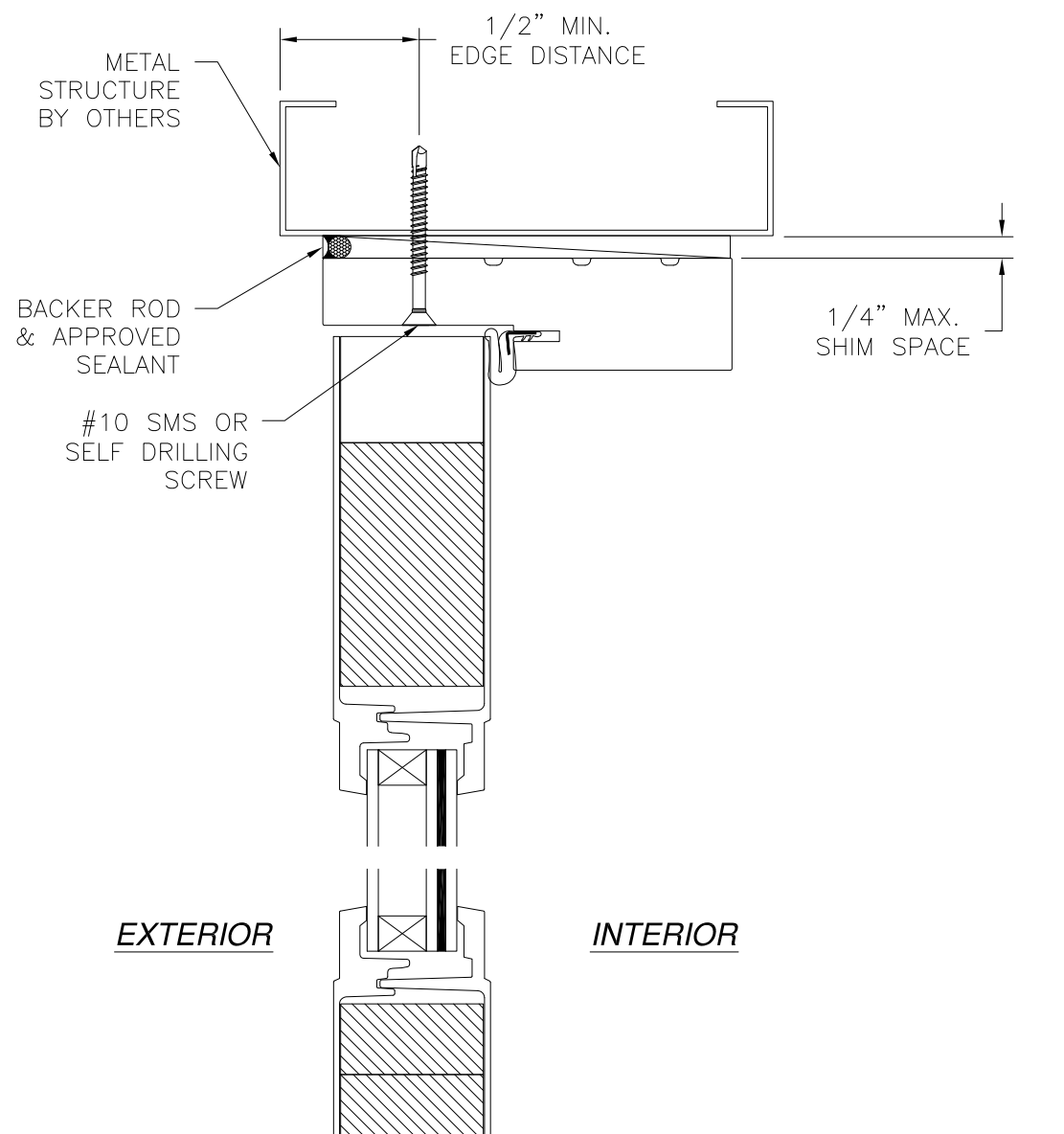
SLPS PATIO DOOR LITE 6'11" OUT-SWING
 LARGE MISSILE IMPACT - HVHZ
 DOOR INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 7 OF 19

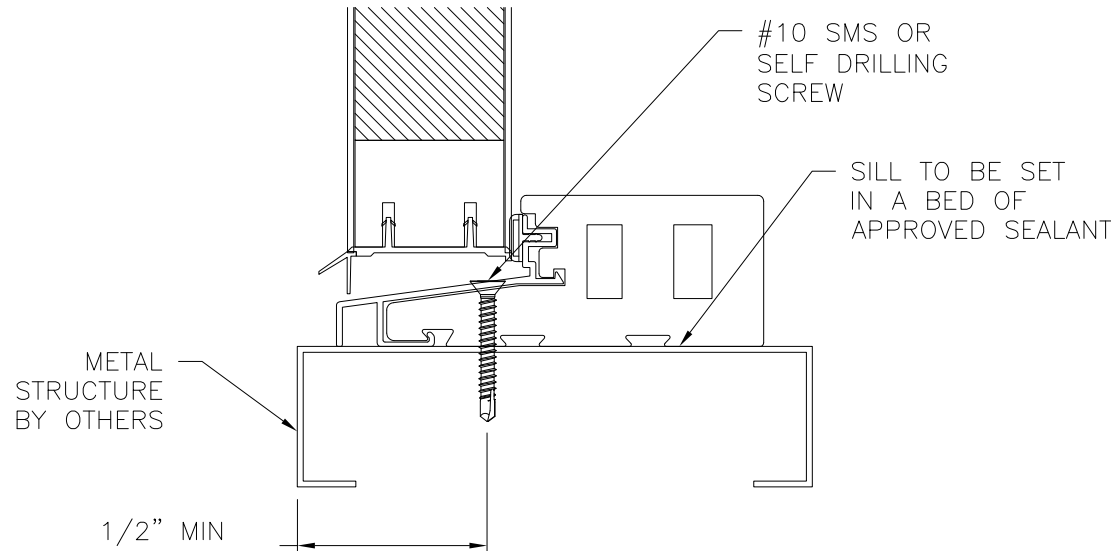
L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

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

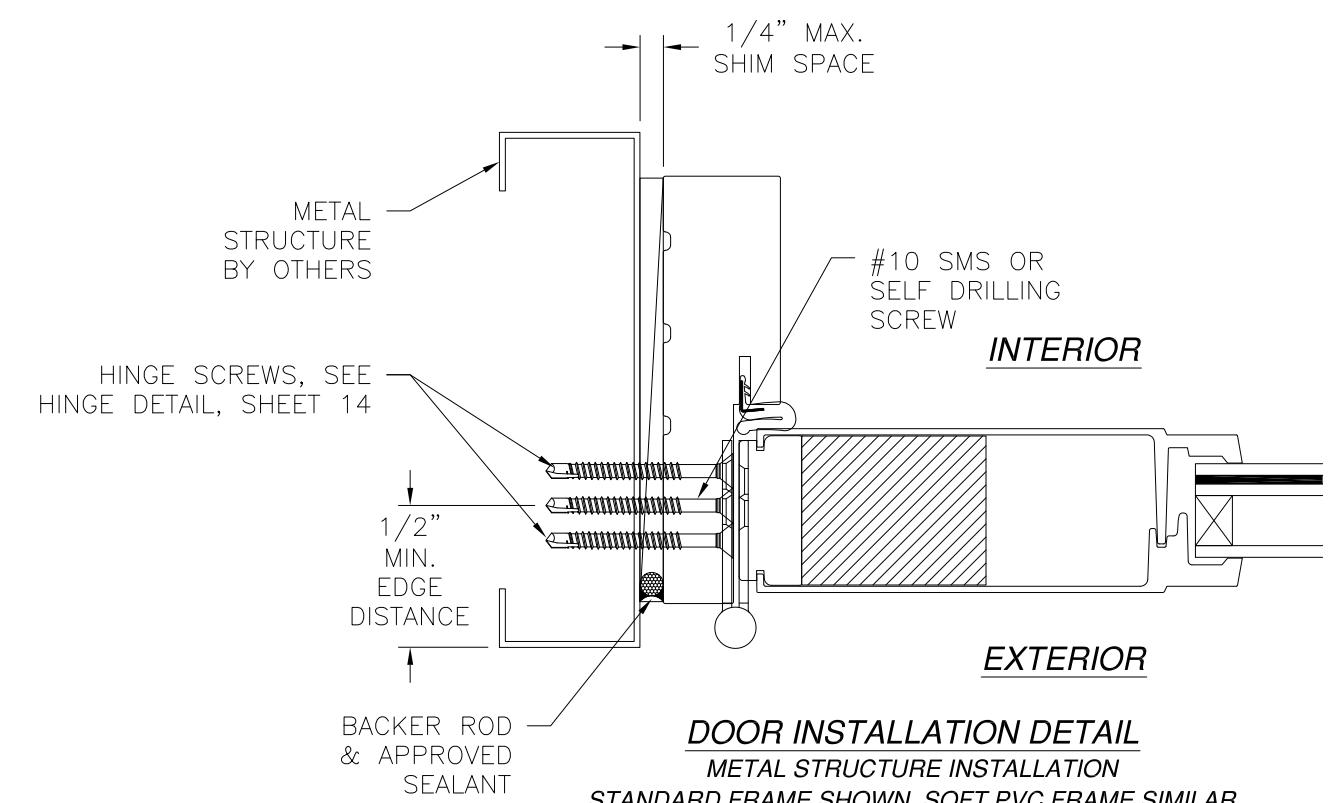
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



EXTERIOR **INTERIOR**



DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
 STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR
 FULL LITE SHOWN, 3/4 LITE SIMILAR



DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
 STANDARD FRAME SHOWN, SOFT PVC FRAME 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

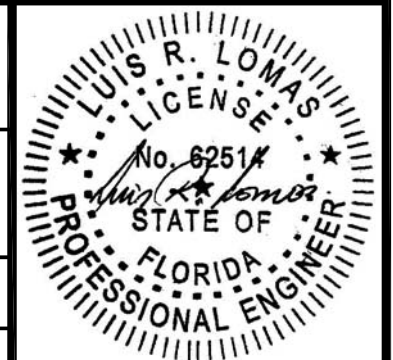
SIGNED: 08/11/2023

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

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

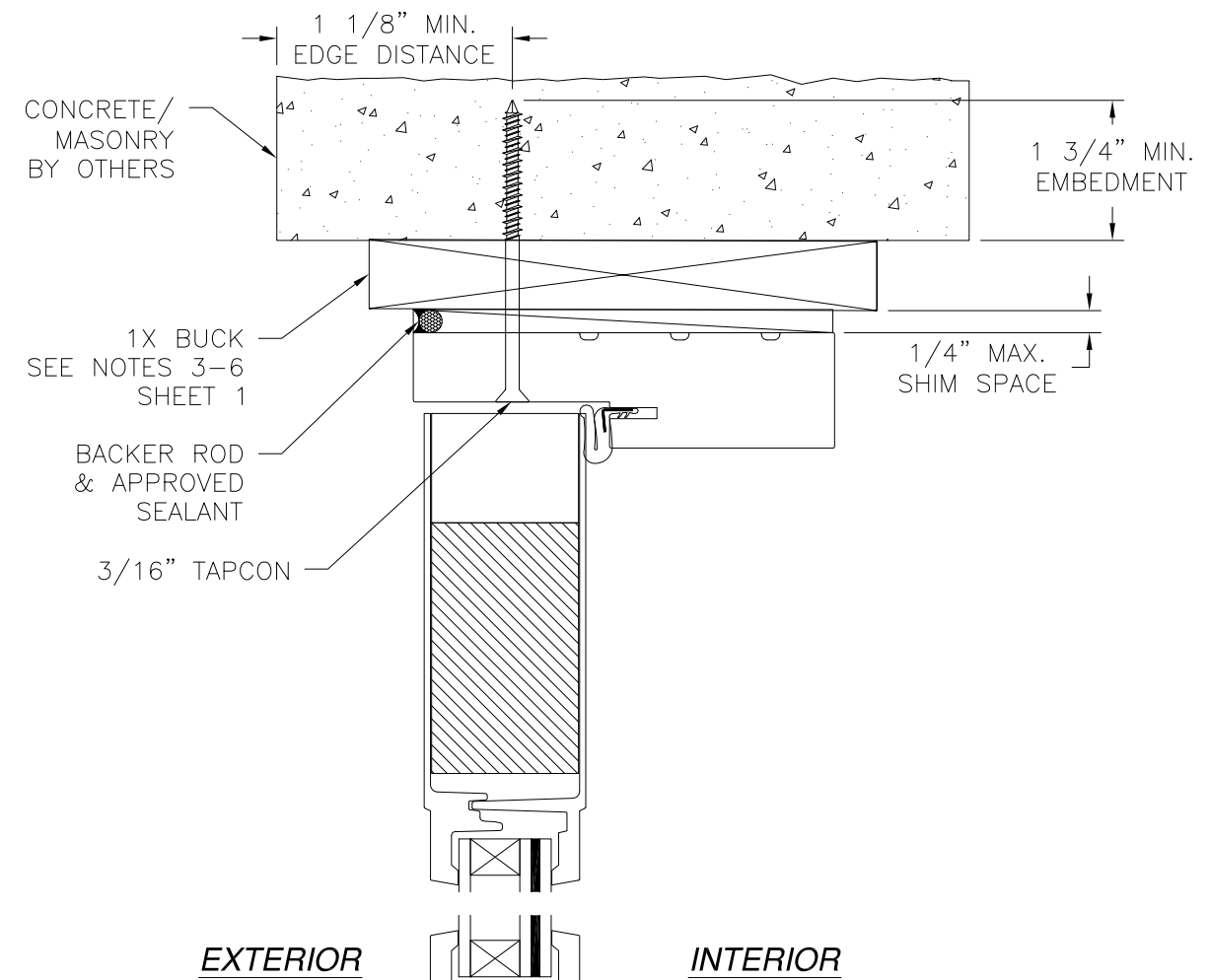
DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 8 OF 19

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



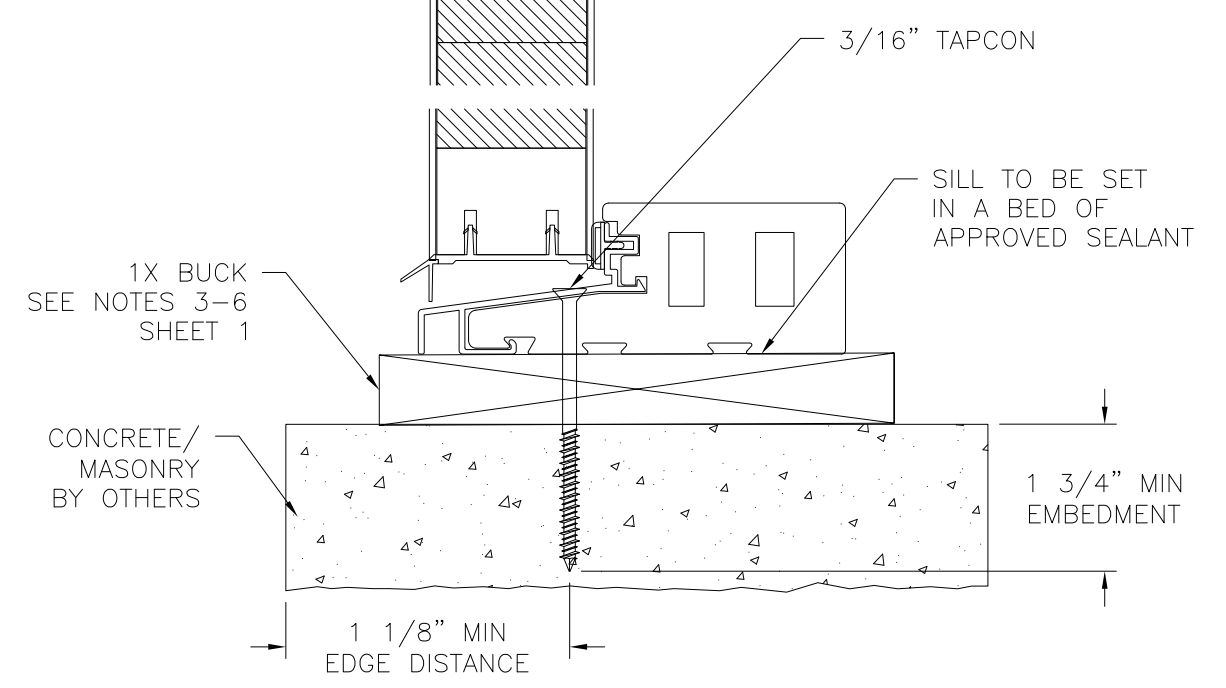
Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



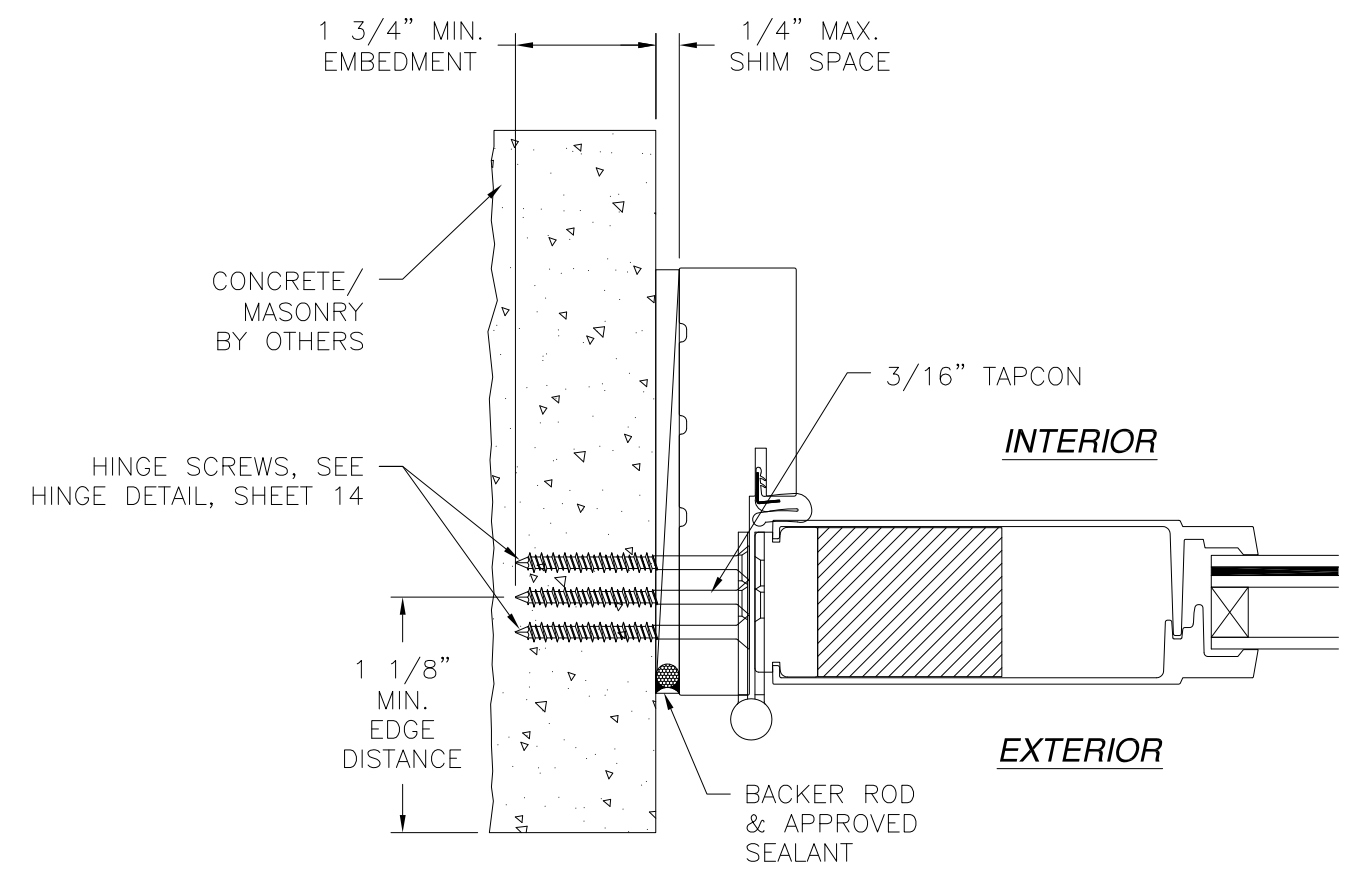
EXTERIOR

INTERIOR



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

SIGNED: 08/11/2023

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

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

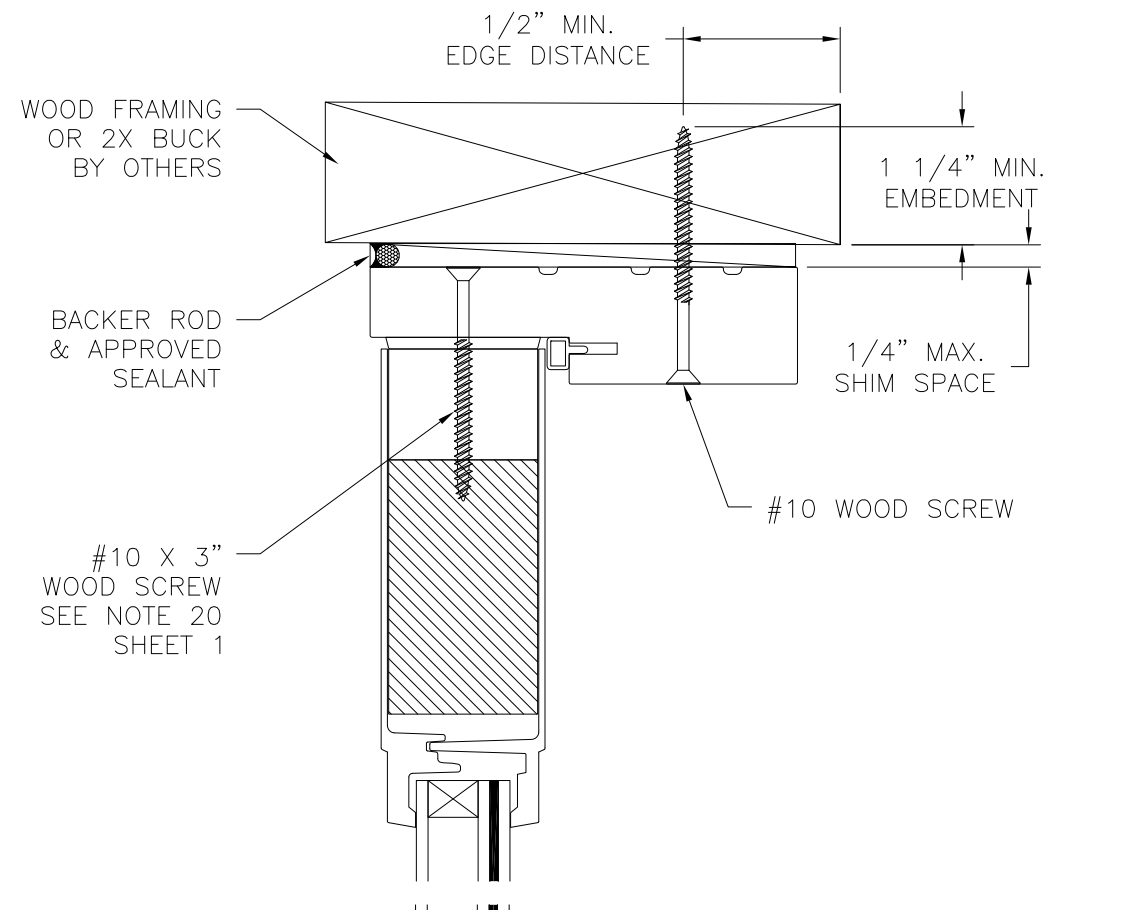
DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 9 OF 19

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

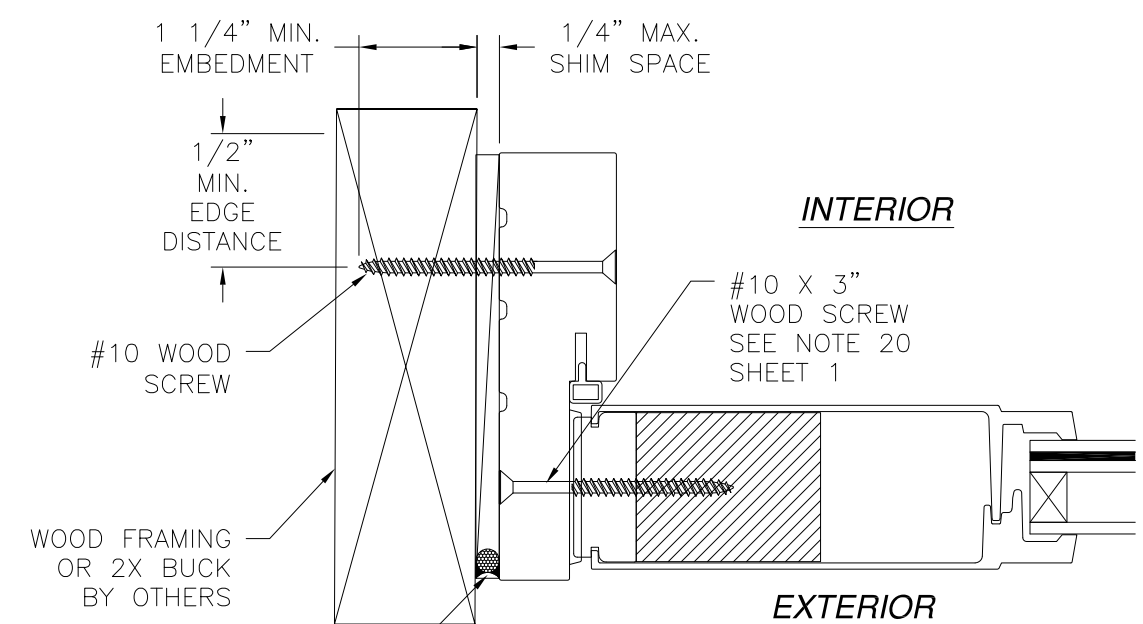


Luis R. Lomas P.E.
FL No.: 62514

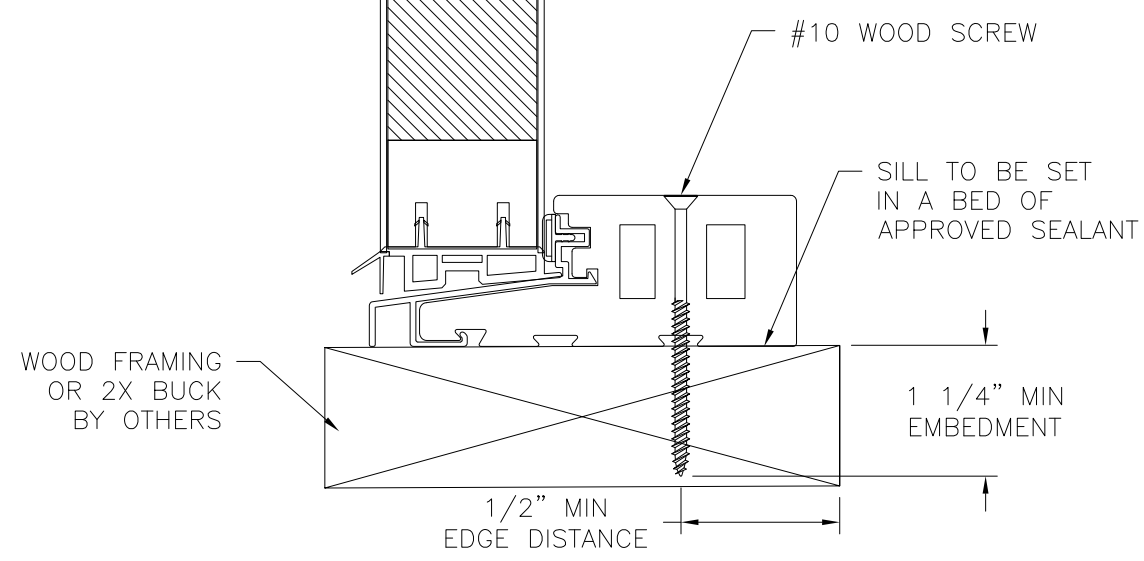
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



EXTERIOR INTERIOR



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR
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

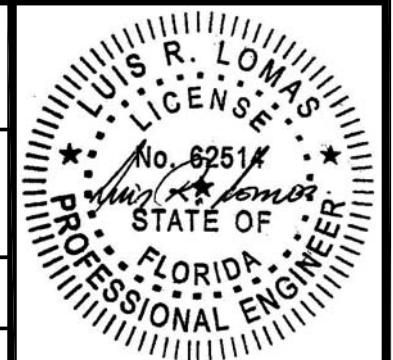
SIGNED: 08/11/2023

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

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

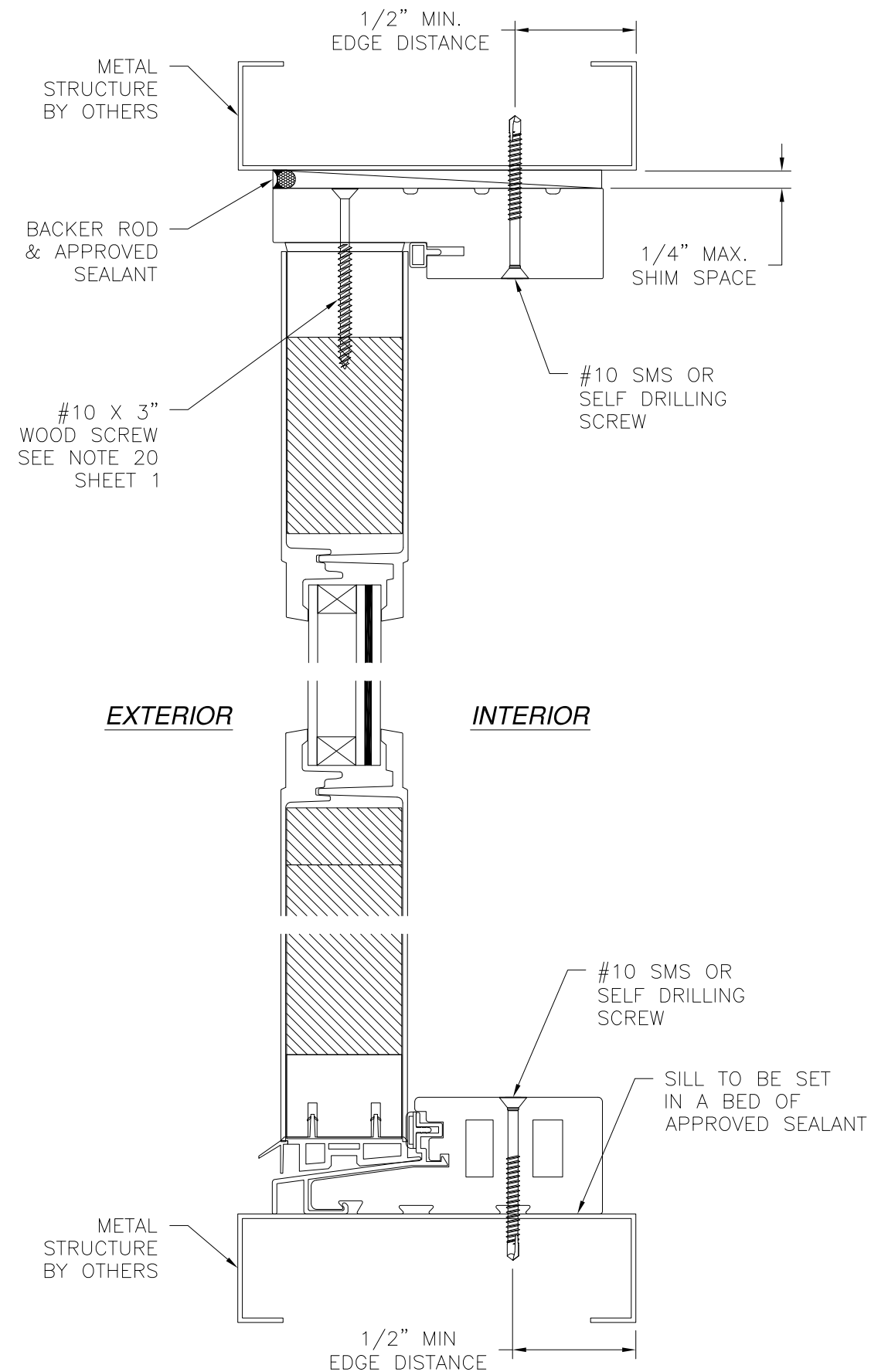
DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 10 OF 19

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

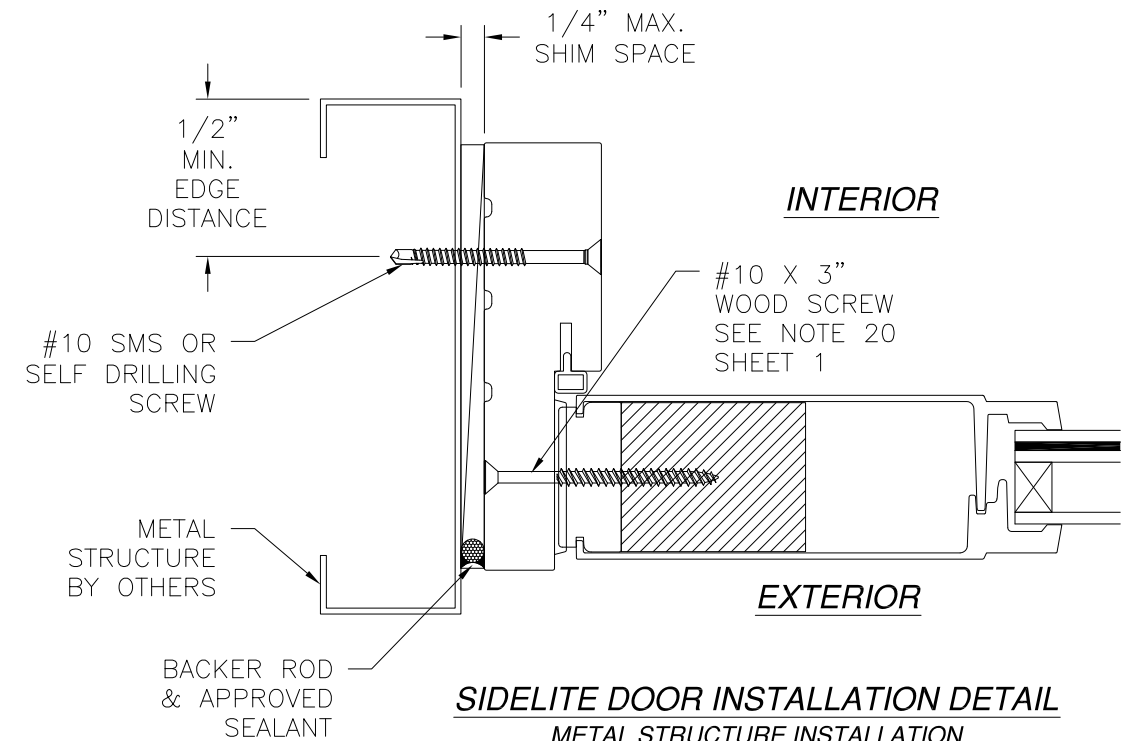


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



SIDELITE DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
 STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR
 FULL LITE SHOWN, 3/4 LITE SIMILAR



SIDELITE DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
 STANDARD FRAME SHOWN, SOFT PVC FRAME 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

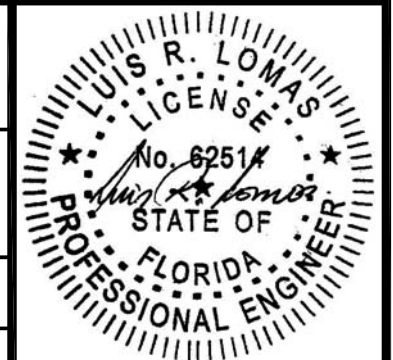
SIGNED: 08/11/2023

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

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

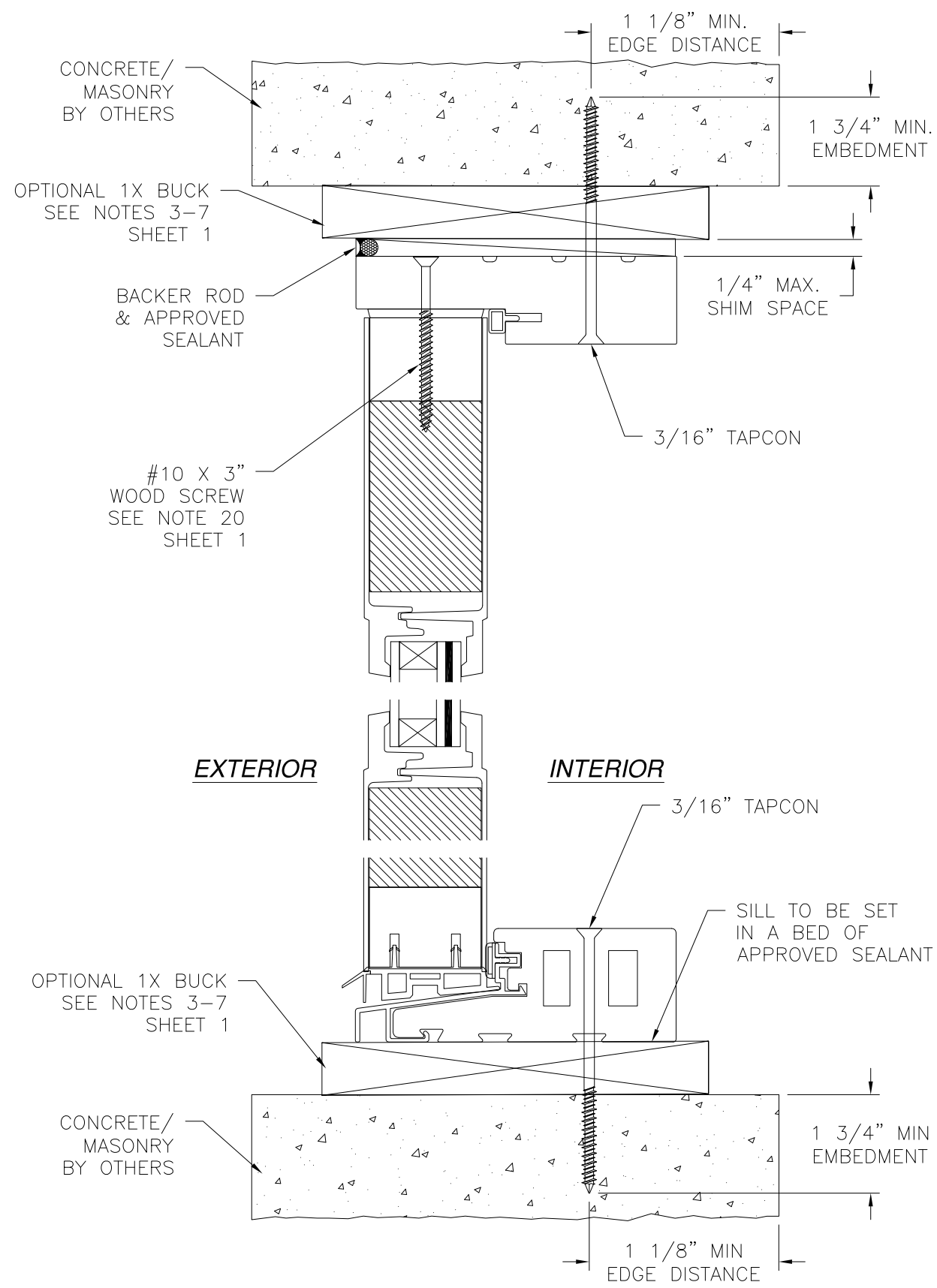
DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 11 OF 19

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

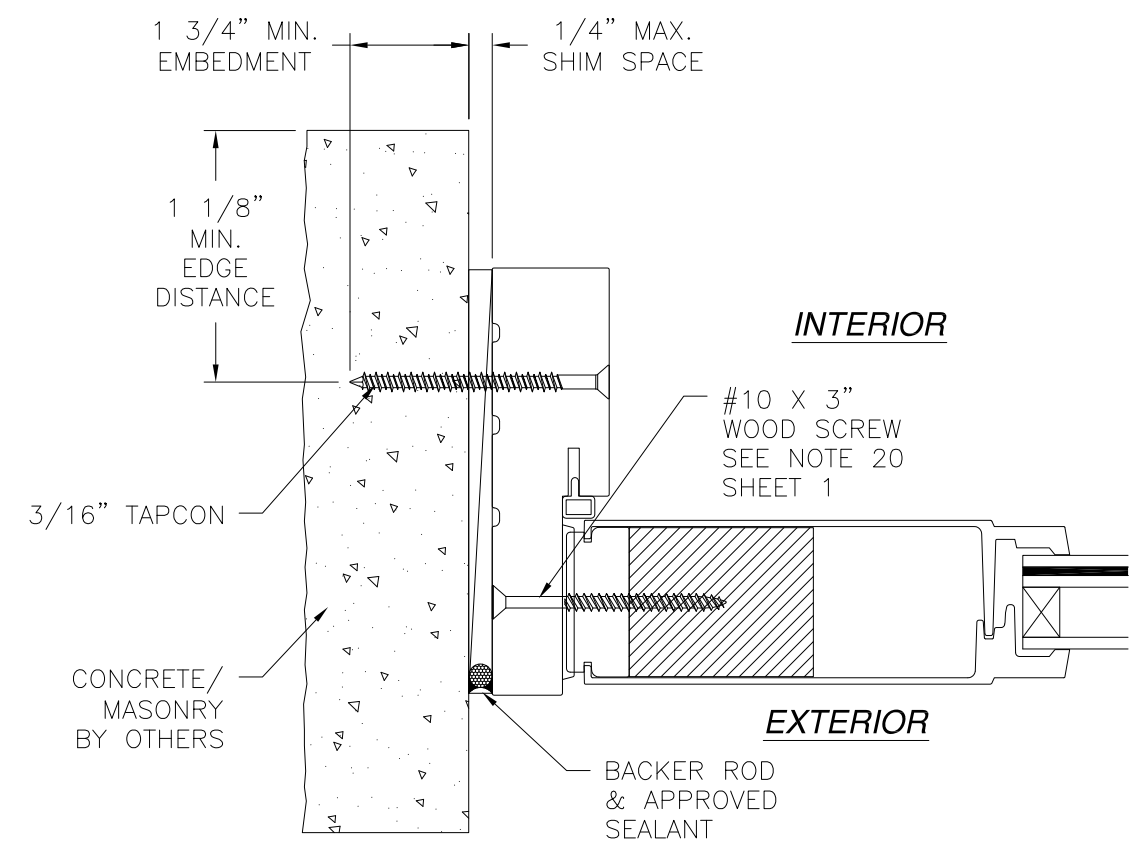


Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



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

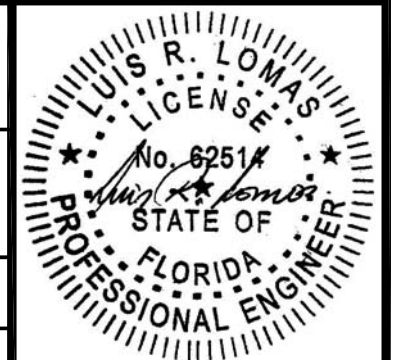
SIGNED: 08/11/2023

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

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 12 OF 19

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

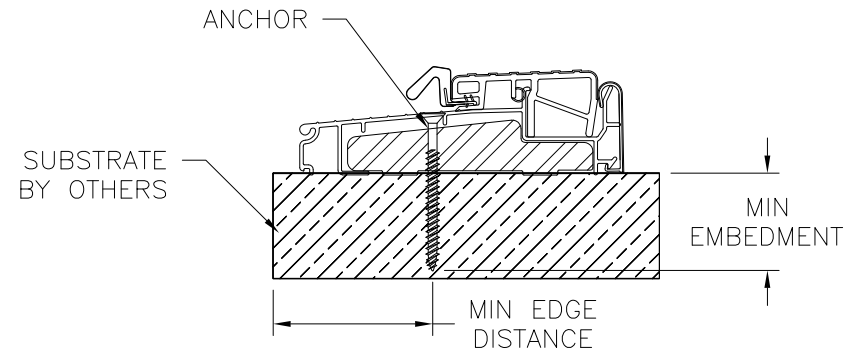


Luis R. Lomas P.E.
 FL No.: 62514

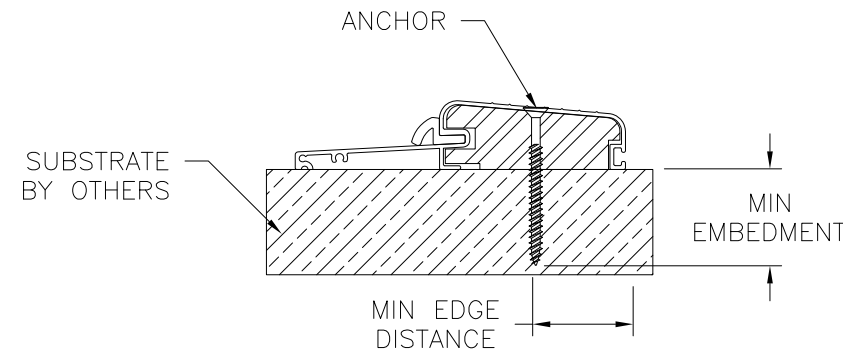
SILLS ANCHORS LOCATIONS

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

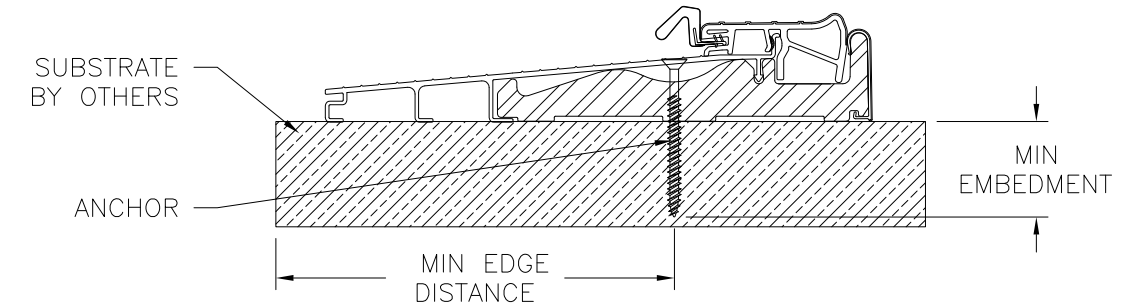
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



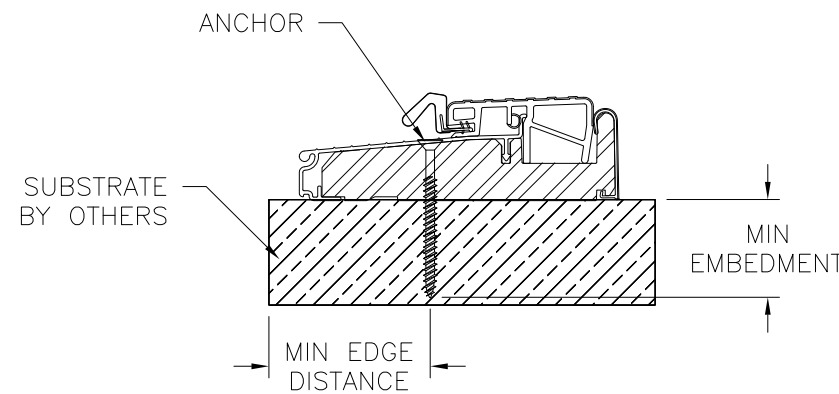
ENDURA THRESHOLD ZOBL4565



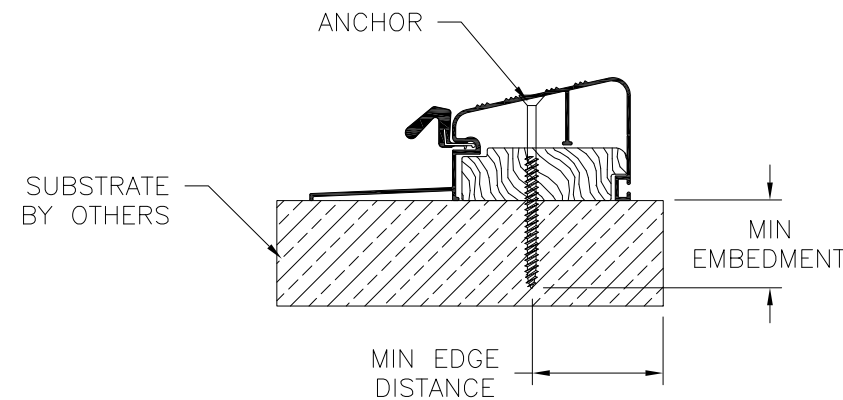
COLUMBIA THRESHOLD 575



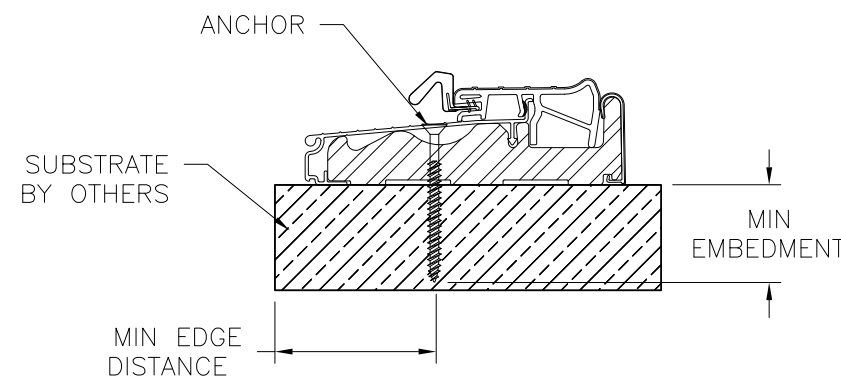
ENDURA THRESHOLD ZOBLH7815



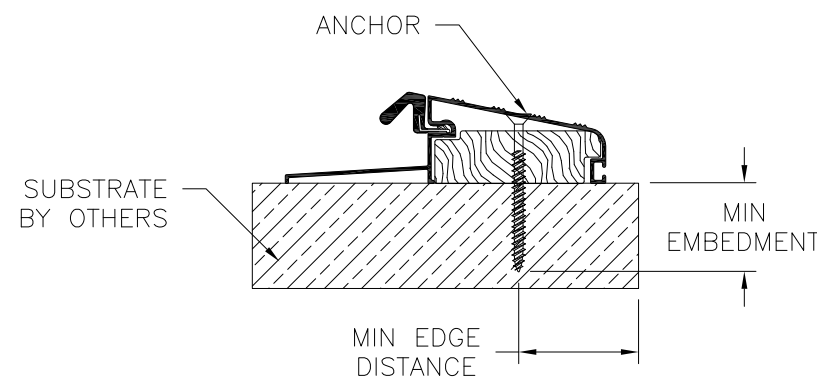
ENDURA THRESHOLD ZOB4565FN



DLP THRESHOLD QOSR



ENDURA THRESHOLD ZOBLH4565



DLP THRESHOLD QOSH

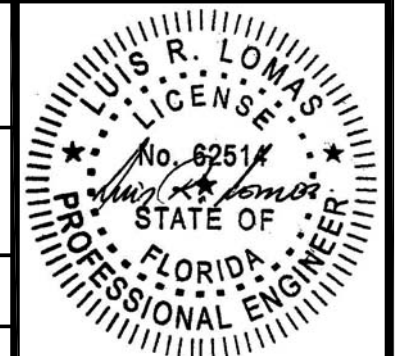
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 13 OF 19

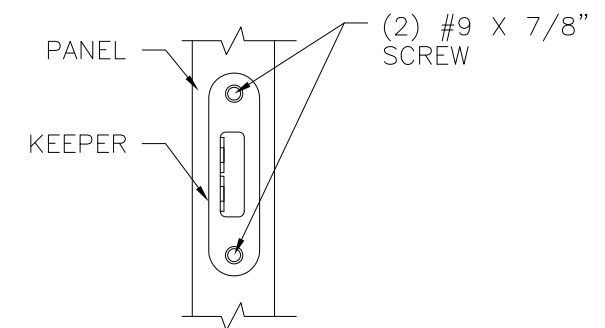
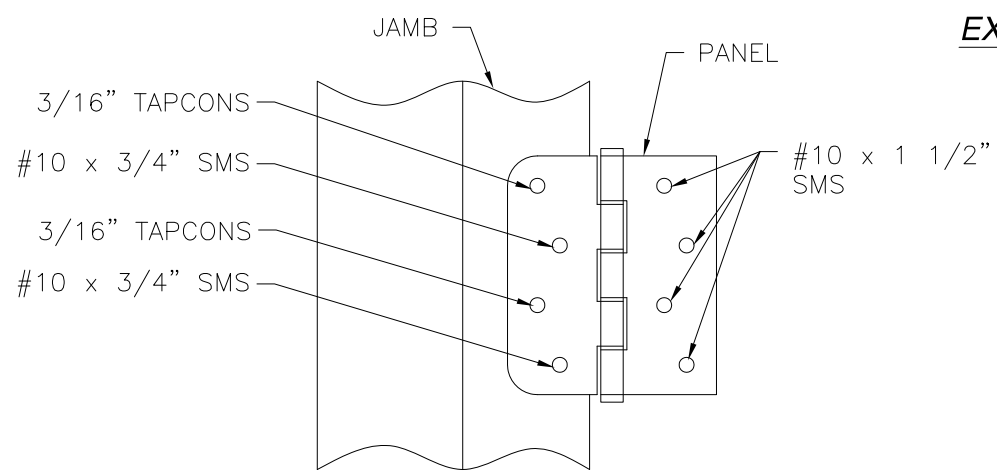
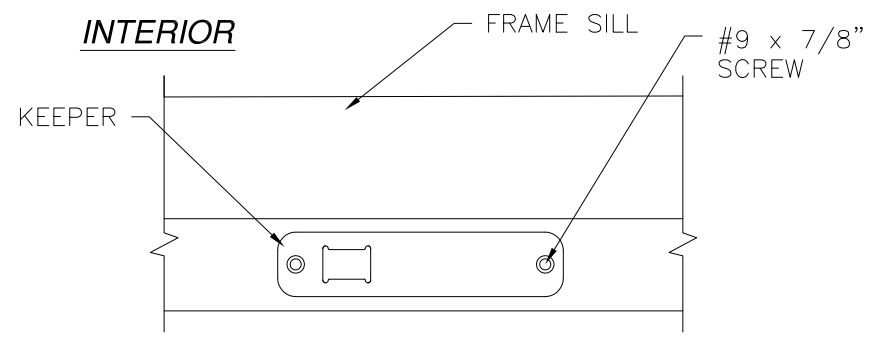
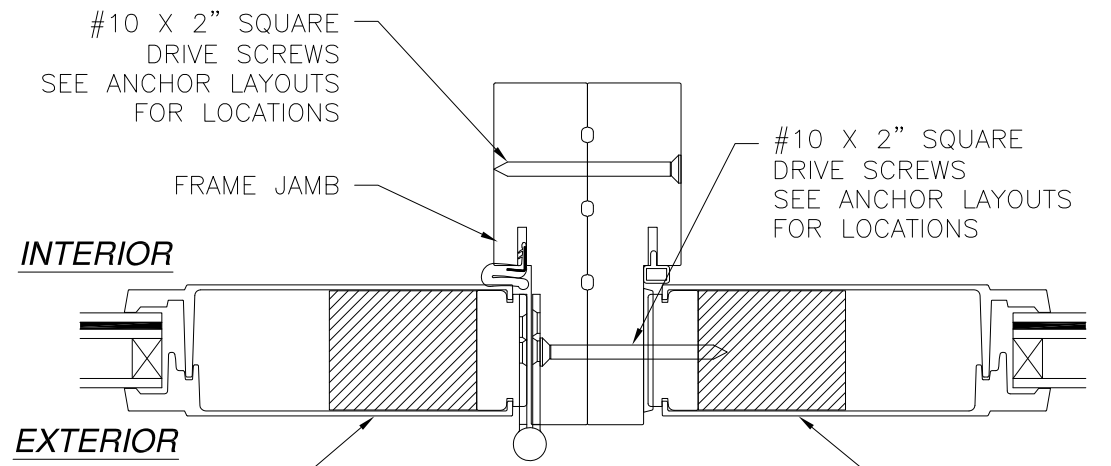
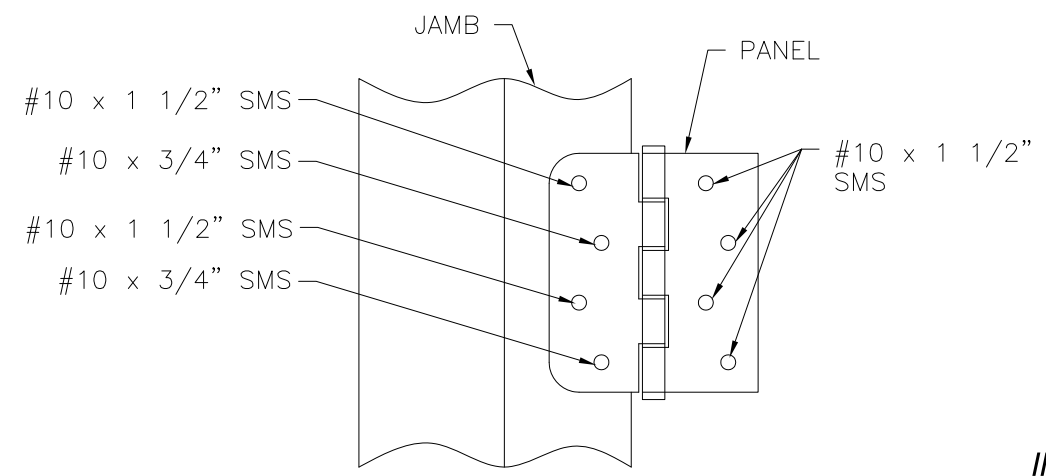
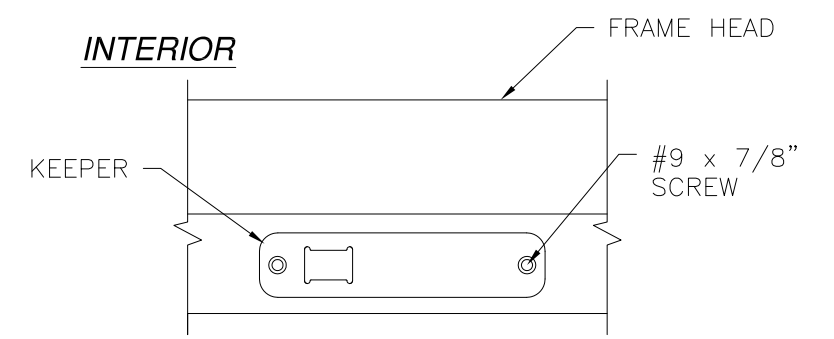
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023

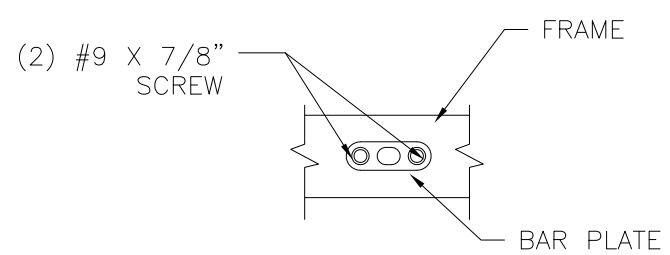
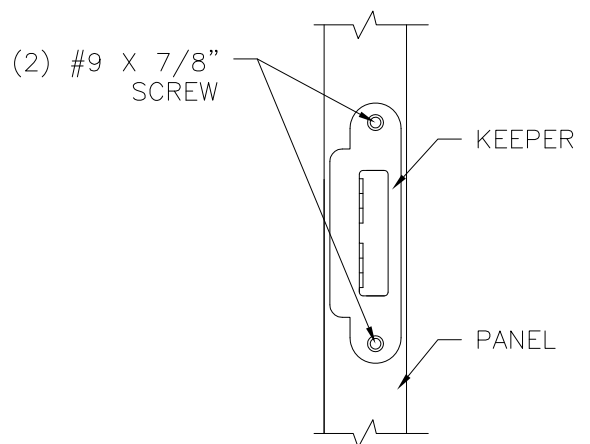


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION



DRIVE BAR PLATE DETAIL

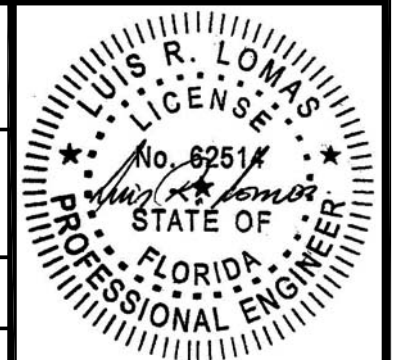
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 14 OF 19

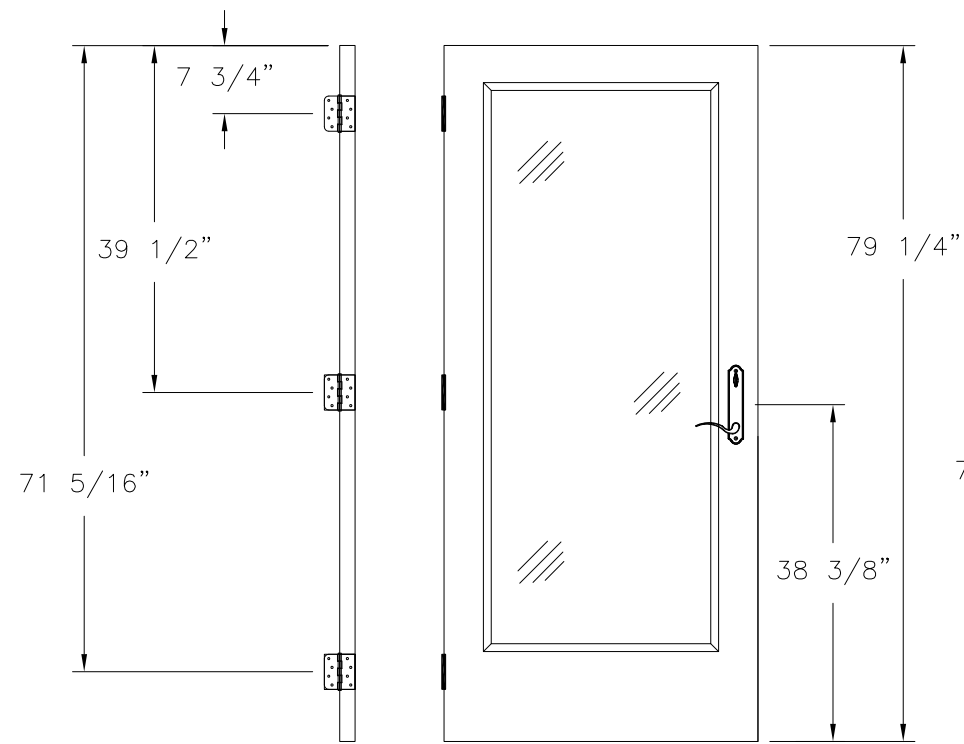
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023

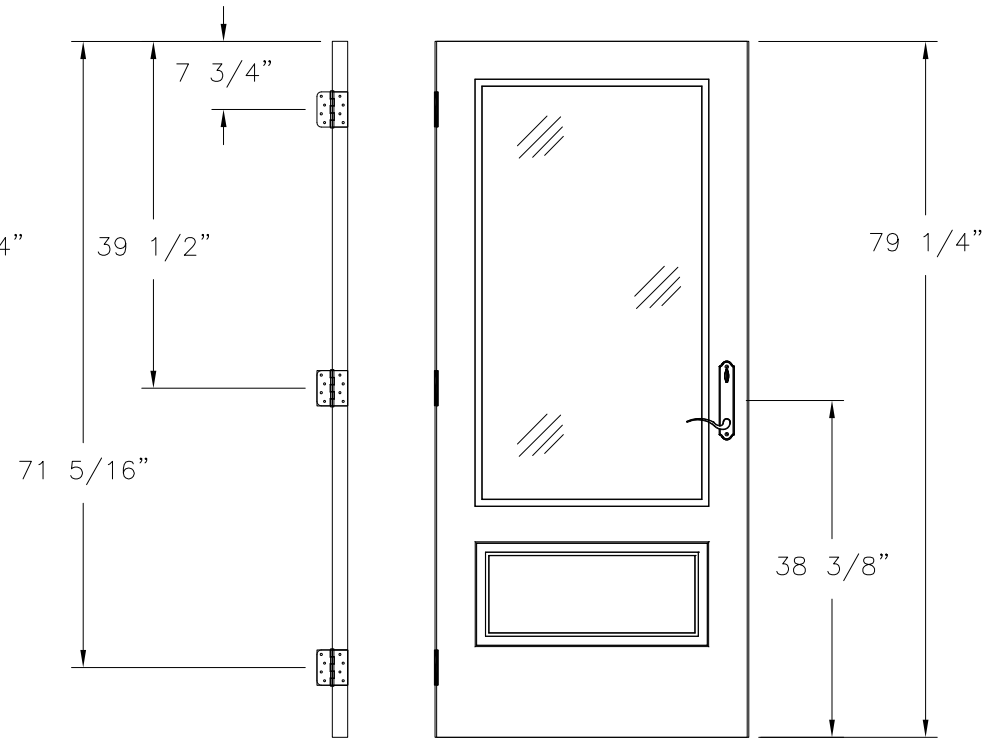


Luis R. Lomas P.E.
FL No.: 62514

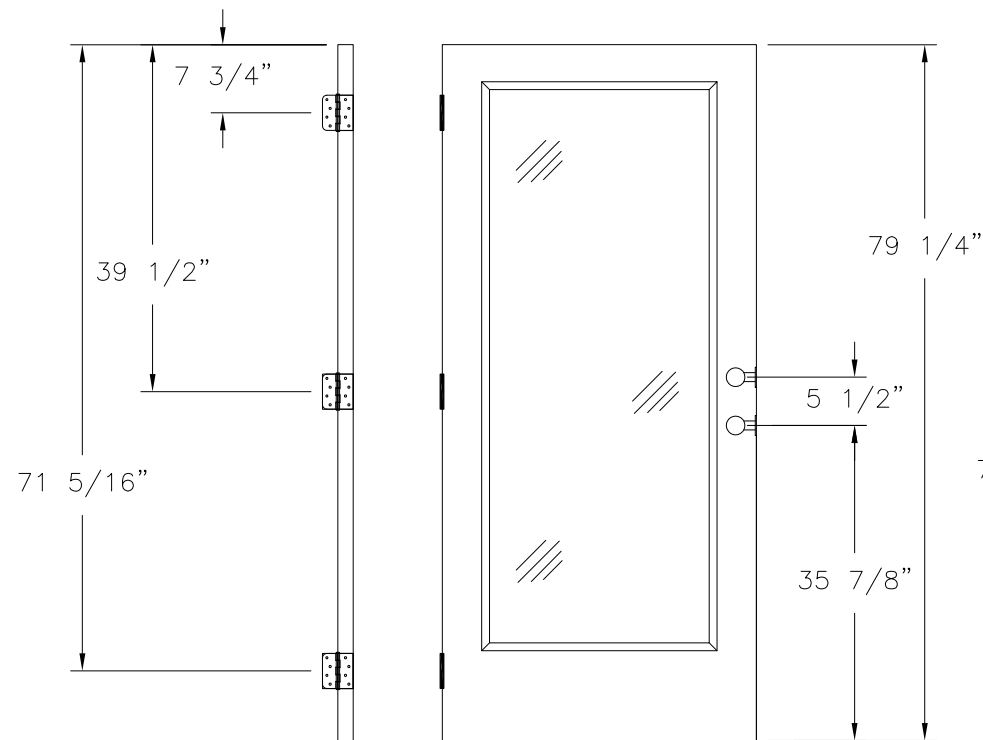
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



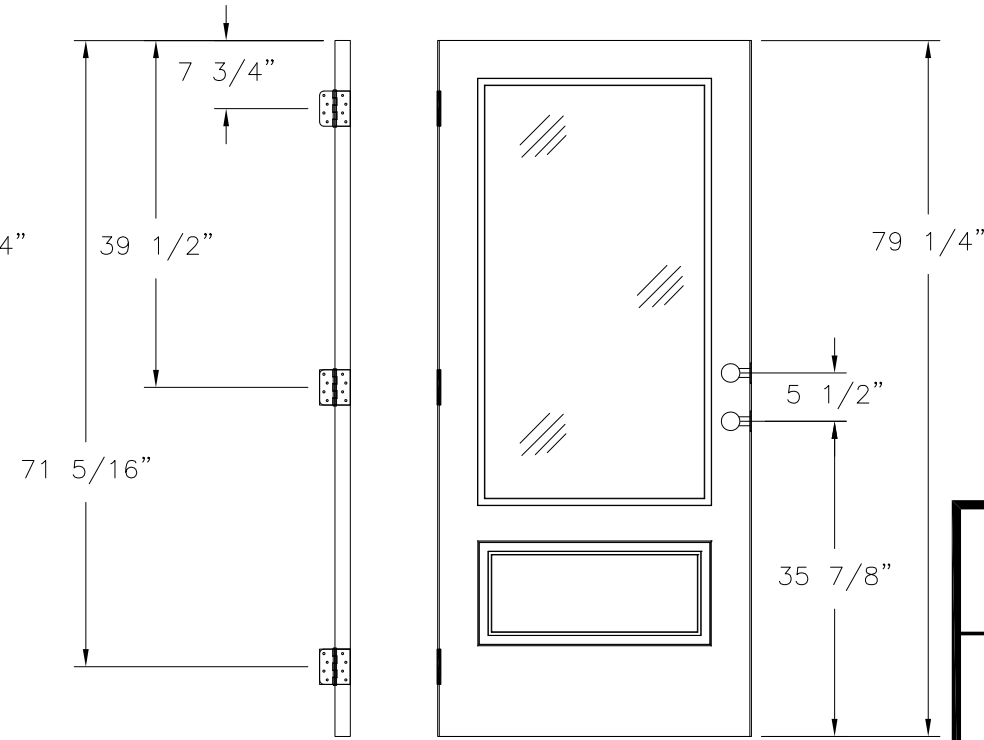
LOCK AND HINGES LOCATIONS
WITH HANDLE, FULL LITE PANEL



LOCK AND HINGES LOCATIONS
WITH HANDLE, 3/4 LITE PANEL



LOCK AND HINGES LOCATIONS
WITH LATCH AND DEADBOLT, FULL LITE PANEL



LOCK AND HINGES LOCATIONS
WITH LATCH AND DEADBOLT, 3/4 LITE PANEL

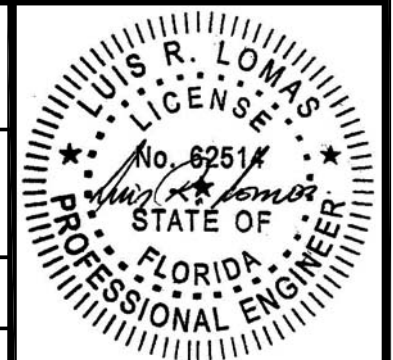
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 15 OF 19

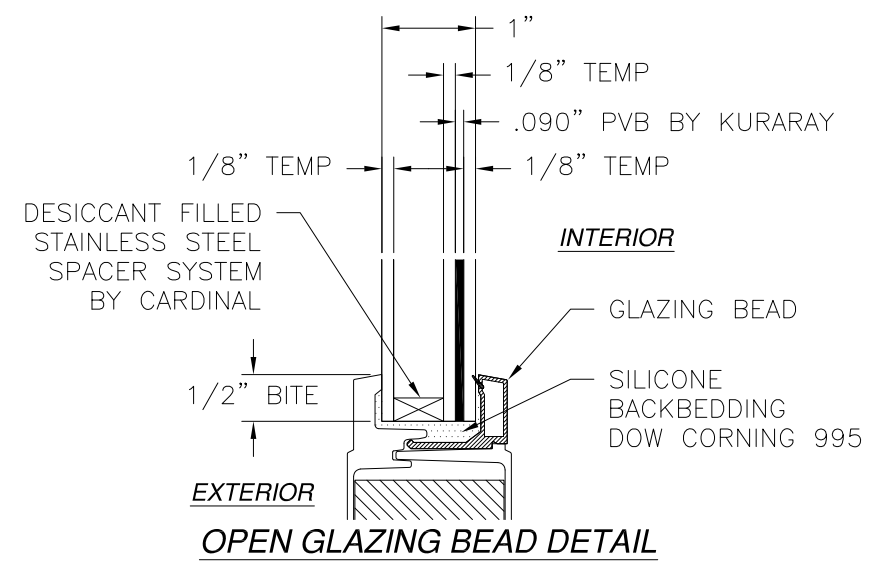
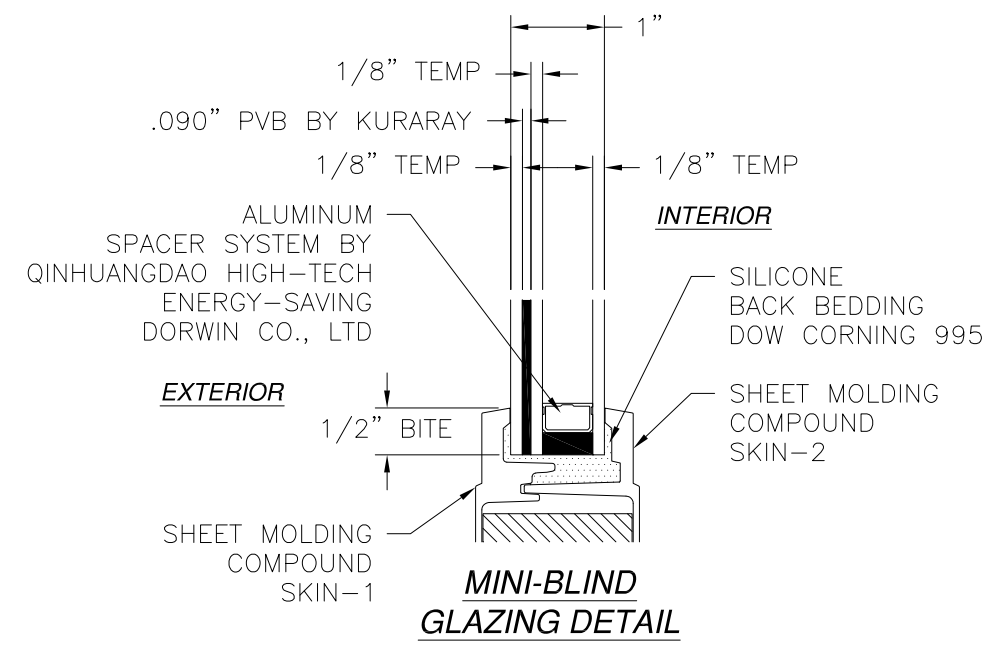
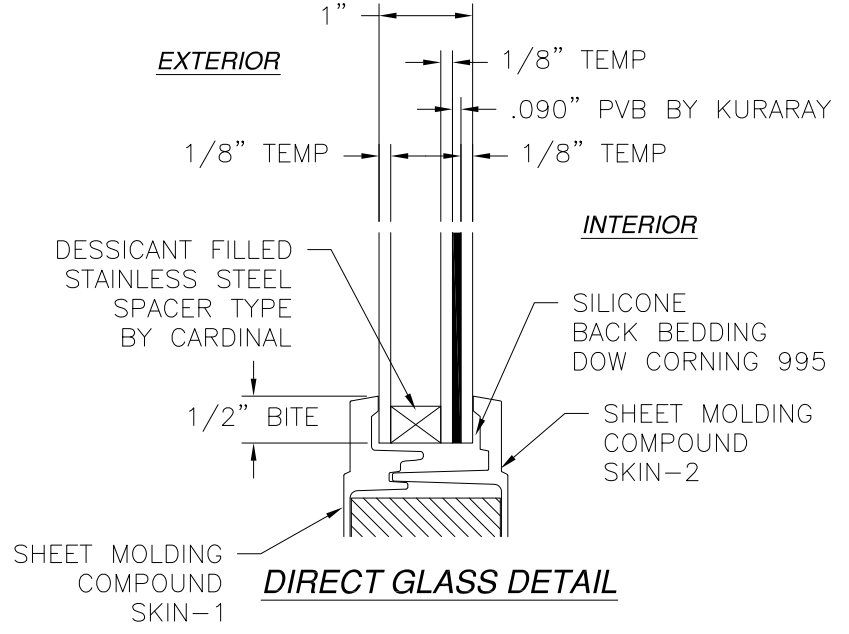
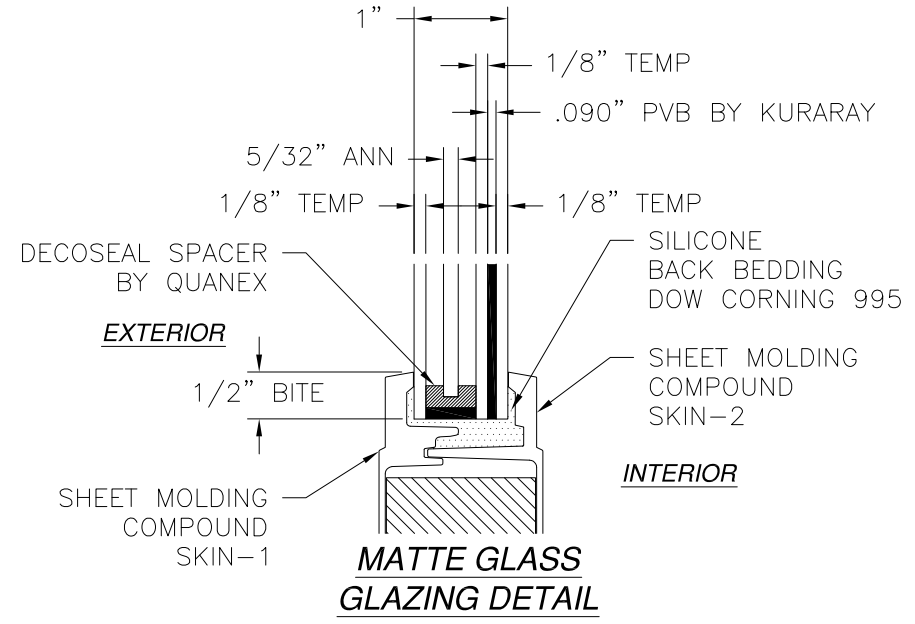
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 08/11/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



SIGNED: 08/11/2023

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

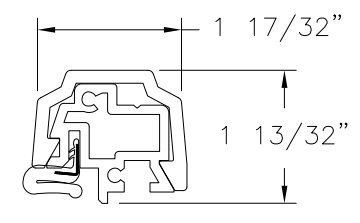
SLPS PATIO DOOR LITE 6'11" OUT-SWING
 LARGE MISSILE IMPACT - HVHZ
 GLAZING DETAILS

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 16 OF 19

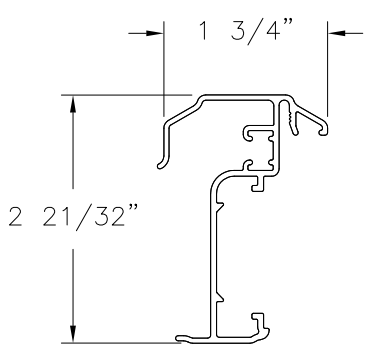
L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

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

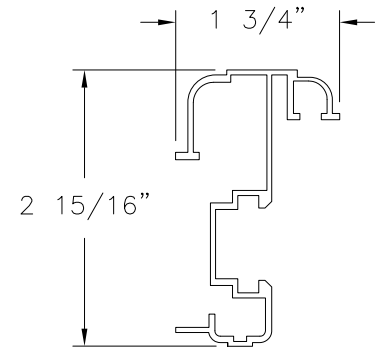
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



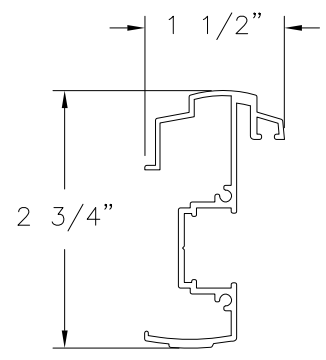
T-ASTRAGAL
RIGID PVC



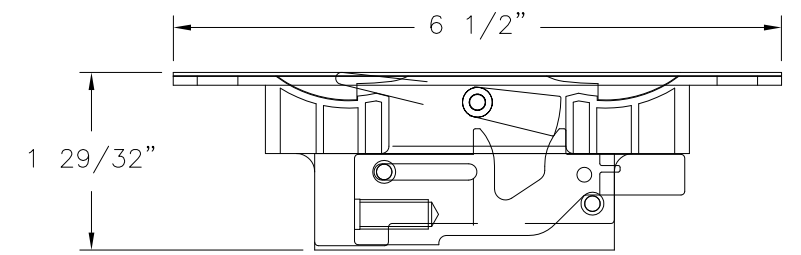
ENDURA ULTIMATE PUSH BUTTON ASTRAGAL ALTERNATE



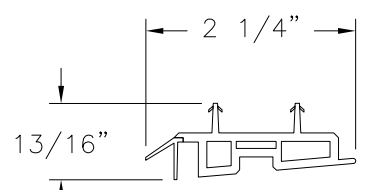
DLP ASTRAGAL ALTERNATE



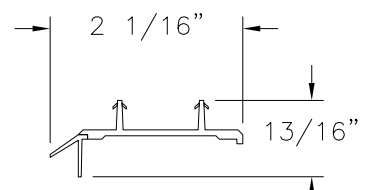
COLUMBIA T-ASTRAGAL ALTERNATE
.060" THICKNESS, ALUMINUM 6063-T5



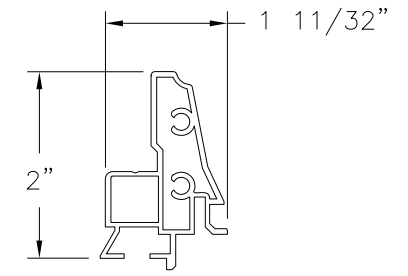
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X BY MICOTA TECH)



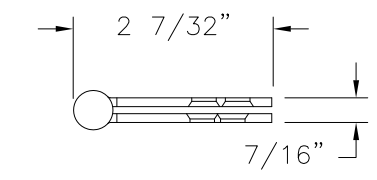
DOOR BOTTOM-B
PVC CO-EX



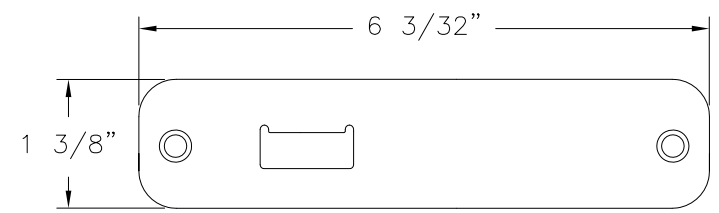
DOOR BOTTOM-A
PVC CO-EX



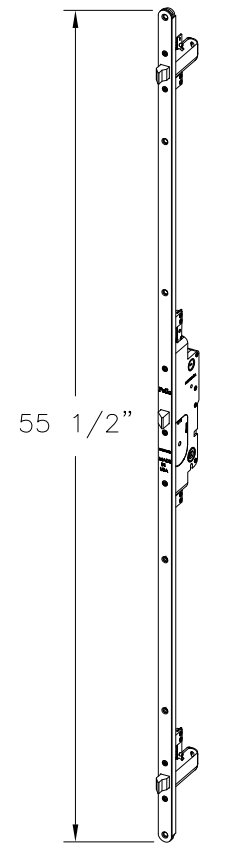
REINFORCEMENT (B)
ALUMINUM



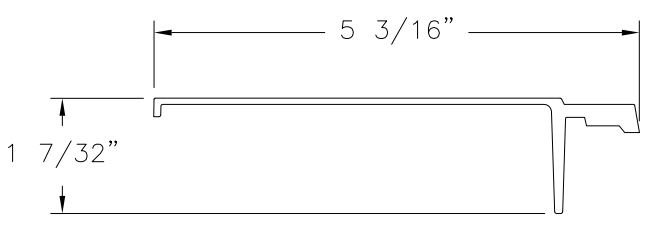
4\"/>



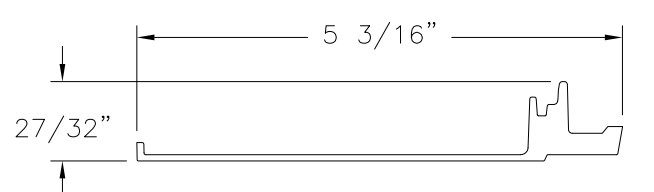
TOP/BOTTOM BAR KEEPER
STAINLESS STEEL (SS92H)



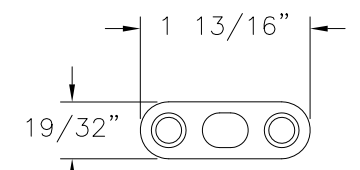
TRILENNIUM 3000



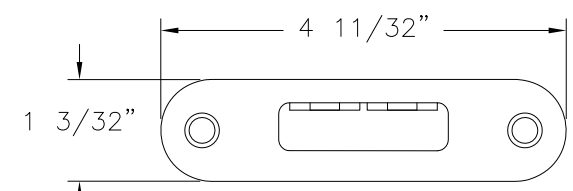
SHEET MOLDING COMPOUND SKIN-1
FIBERGLASS



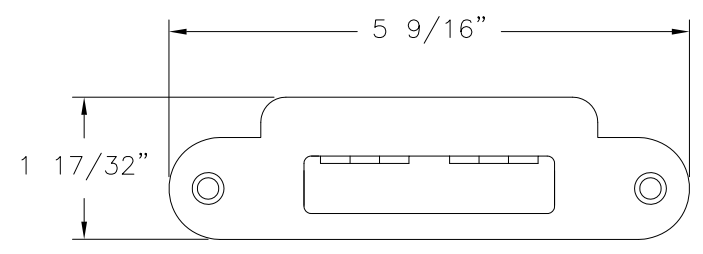
SHEET MOLDING COMPOUND SKIN-2
FIBERGLASS



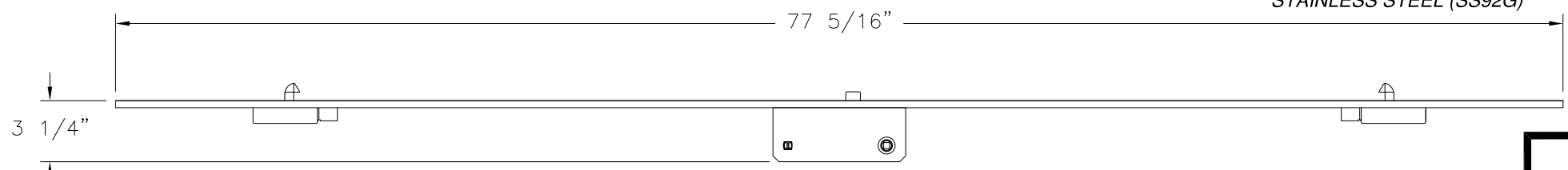
DRIVE BAR PLATE
STAINLESS STEEL



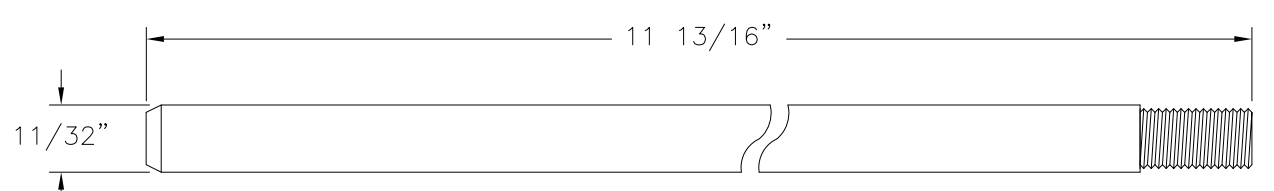
HOOK KEEPER
STAINLESS STEEL (SS92G)



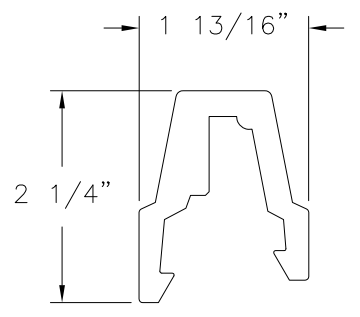
SLAB MULTI-POINT LOCK KEEPER
STEEL



MULTI-POINT LOCKING SYSTEM
STAINLESS STEEL



FLUSH BOLT BAR
STAINLESS STEEL (SS93B)



MULLION COVER (B)
FOAM PVC

SIGNED: 08/11/2023

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

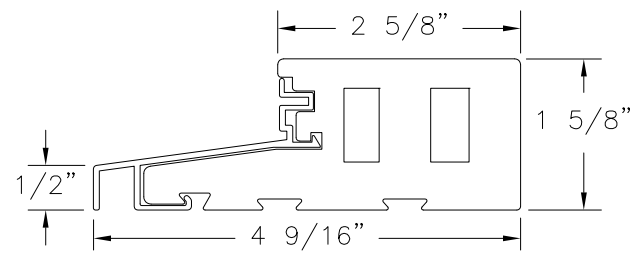
SLPS PATIO DOOR LITE 6'11" OUT-SWING
LARGE MISSILE IMPACT - HVHZ
COMPONENTS

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 17 OF 19

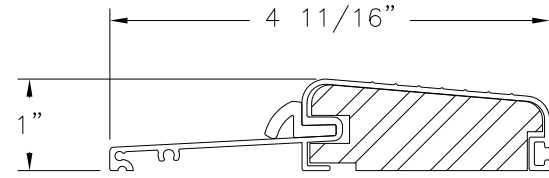
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

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

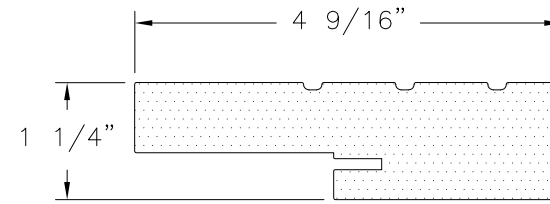
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



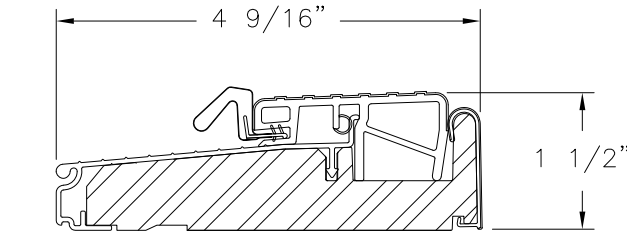
DOOR SILL
FOAM PVC CO-EX & ALUMINUM



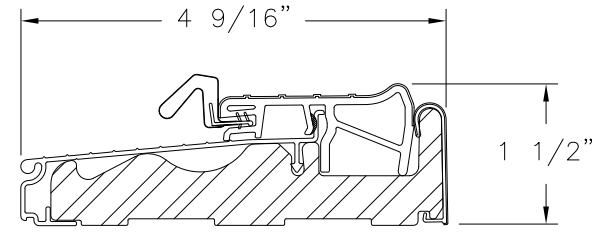
COLUMBIA THRESHOLD 575
ALTERNATE



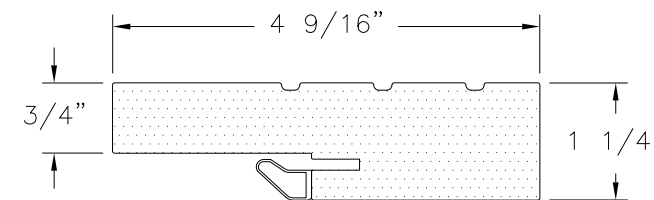
FRAME STANDARD
COMPOSITE



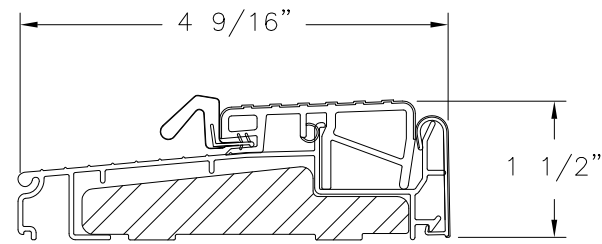
ENDURA THRESHOLD ZOB4565FN
ALTERNATE



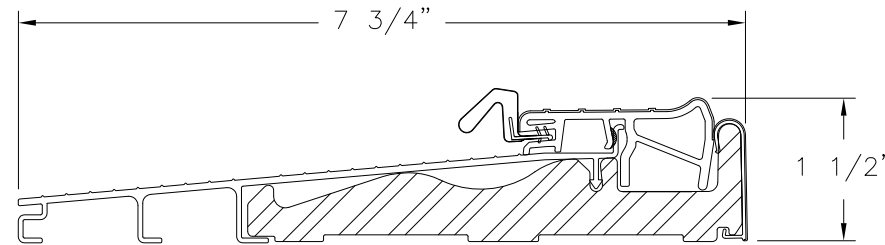
ENDURA THRESHOLD ZOB4565
ALTERNATE



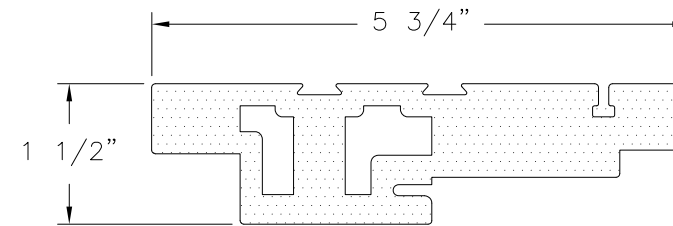
FRAME SOFT PVC
FOAM PVC CO-EX



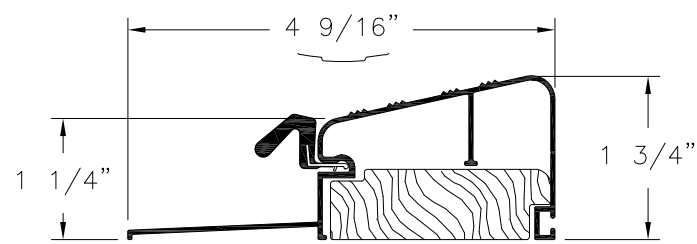
ENDURA THRESHOLD ZOB4565
ALTERNATE



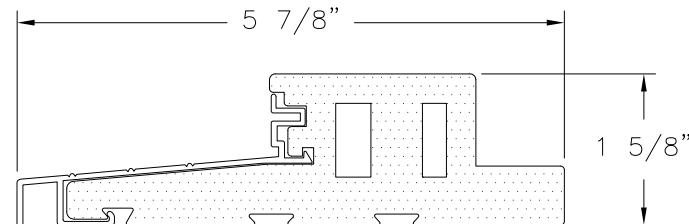
ENDURA THRESHOLD ZOB4565
ALTERNATE



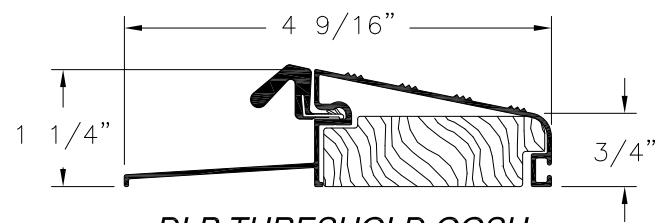
NEUMA HEAD FRAME & JAMB
COMPOSITE



DLP THRESHOLD QOSR
ALTERNATE



NEUMA SILL
ALTERNATE



DLP THRESHOLD QOSH
ALTERNATE

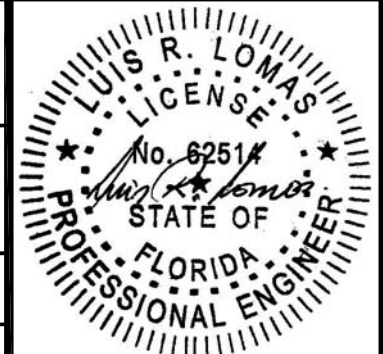
SIGNED: 08/11/2023

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

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 18 OF 19

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

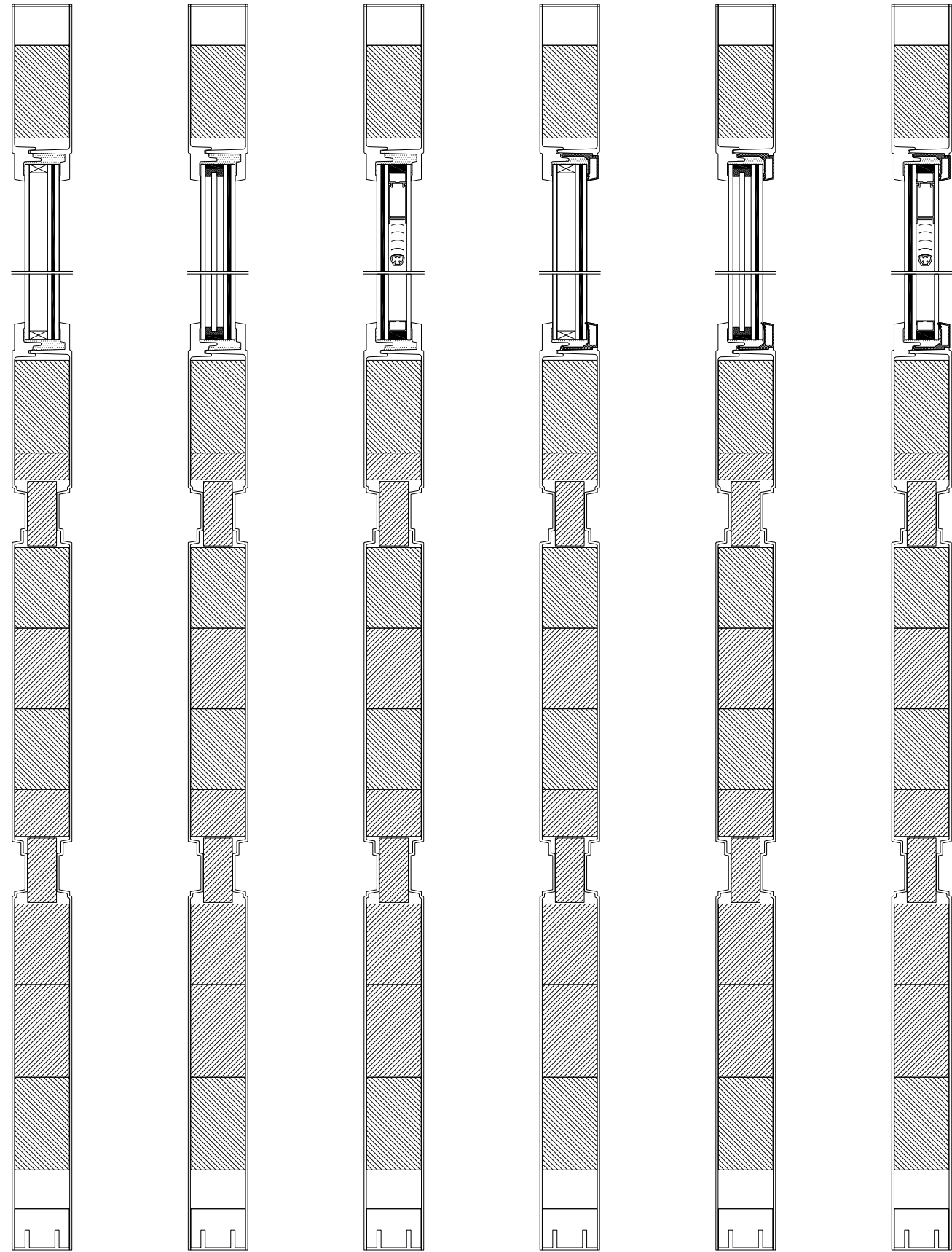


Luis R. Lomas P.E.
FL No.: 62514

APPROVED PANEL CONFIGURATIONS
3/4 LITE

DIRECT GLAZING

OPEN GLAZING BEAD



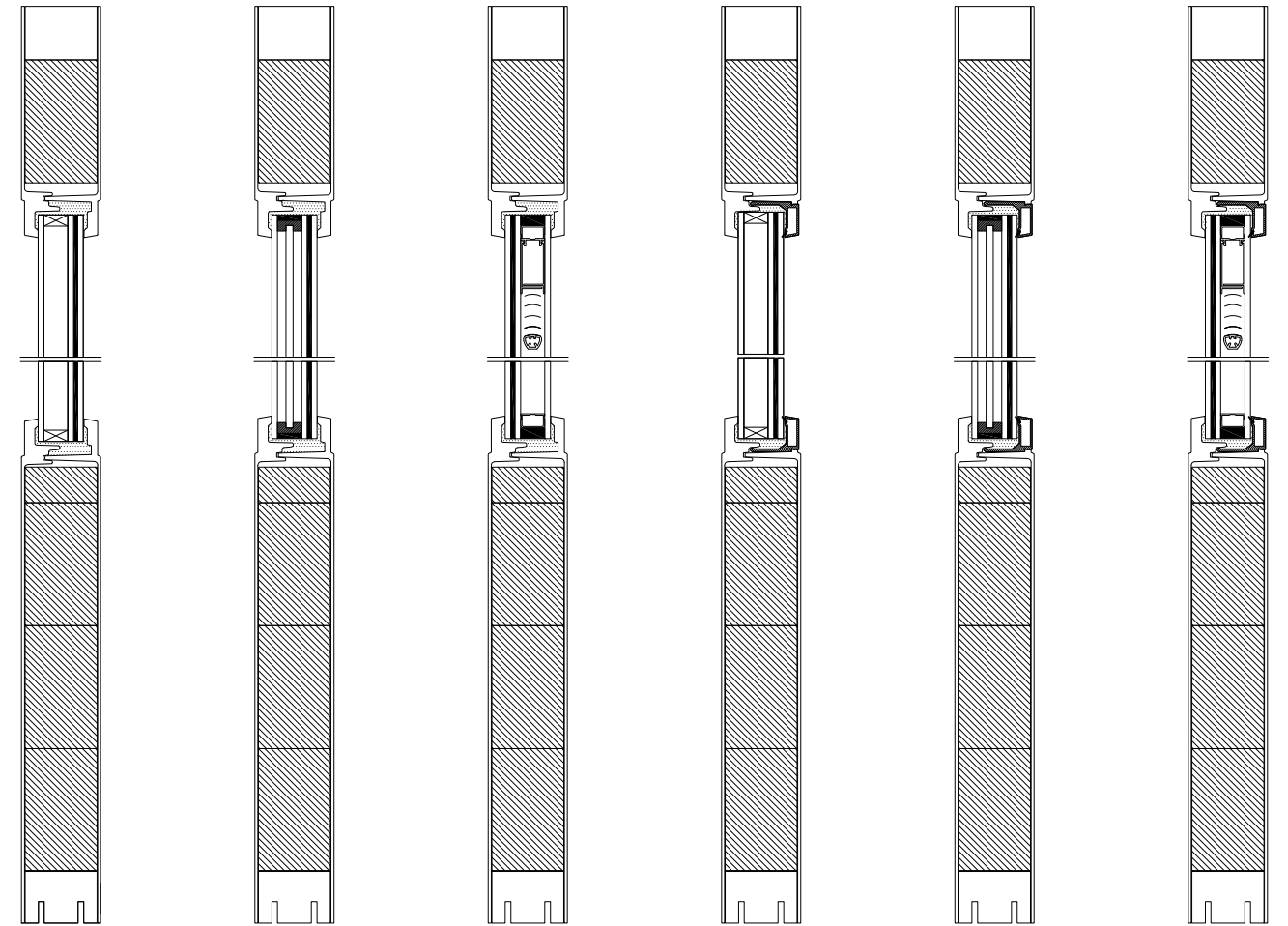
W/STD GLASS W/MATTE GLASS W/MINI-BLIND W/STD GLASS W/MATTE GLASS W/MINI-BLIND

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.

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

SIGNED: 08/11/2023

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

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

DRAWN: A.R.	DWG NO. 08-03324	REV E
SCALE NTS	DATE 09/27/18	SHEET 19 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