

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	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 19 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.

08-03323

REV

G

SCALE

NTS

DATE

09/27/18

SHEET

1

 OF

23

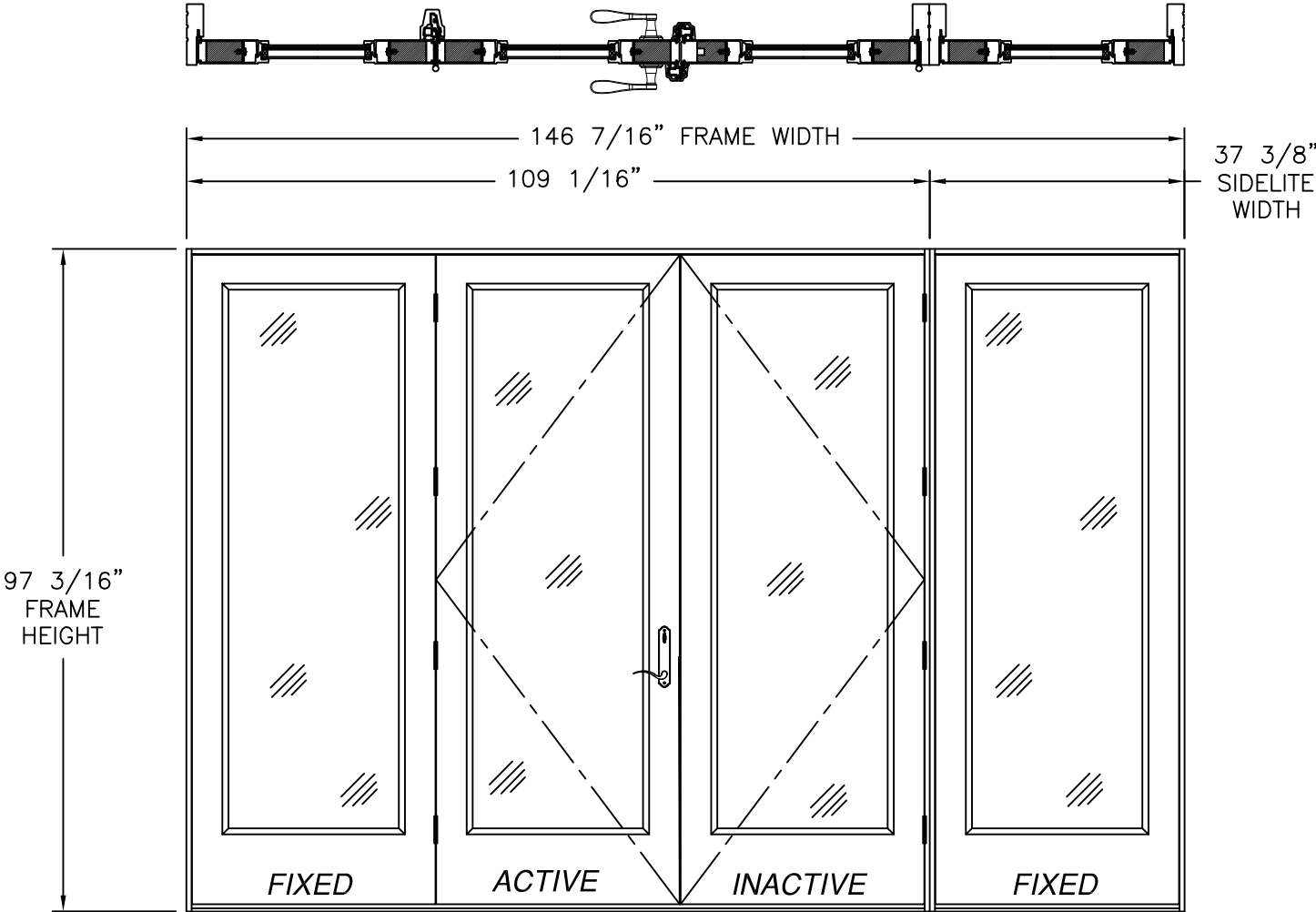
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434-688-0609 rllomas@lrlomaspe.com

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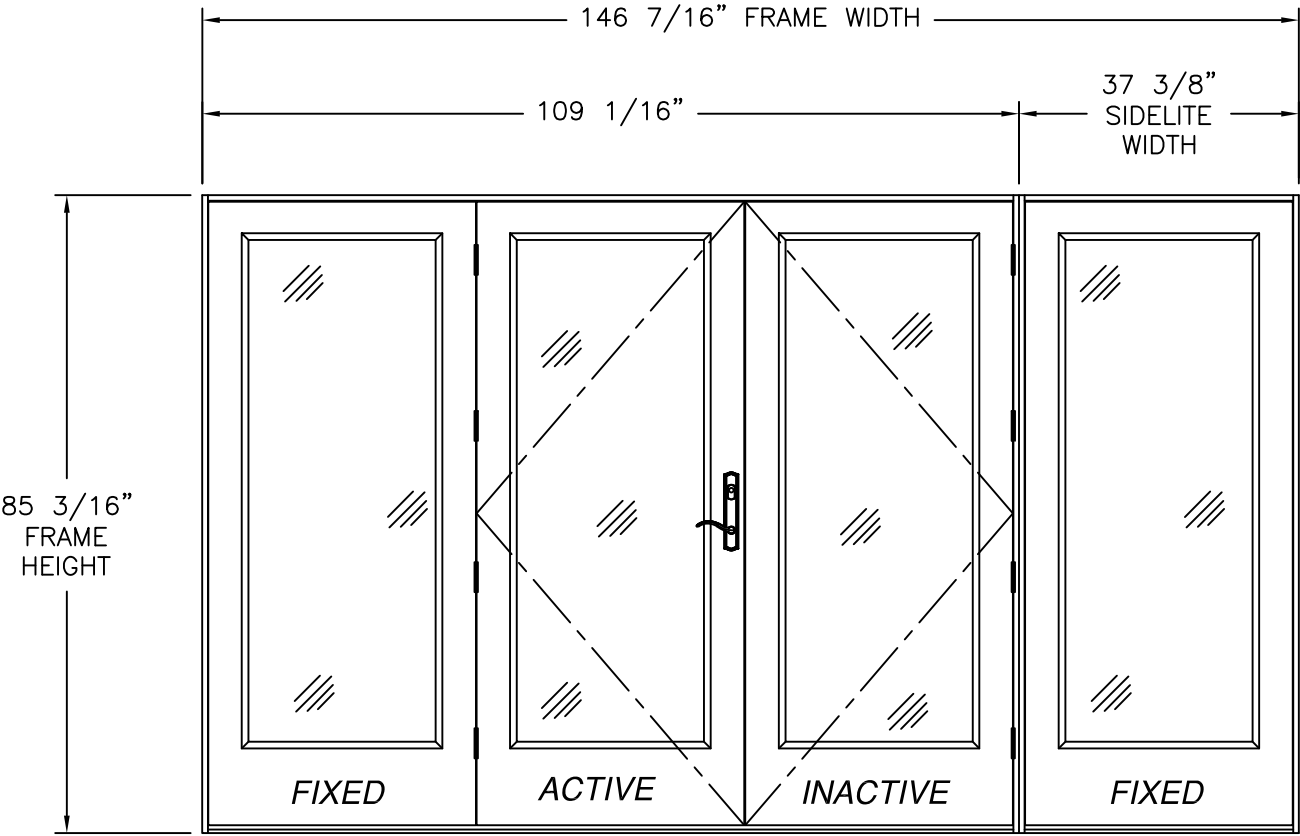
LUIS R. LOMAS
LICENSED PROFESSIONAL ENGINEER
No. 62514
STATE OF FLORIDA

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

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



SLPS PATIO DOOR LITE OUTSWING (OXX/O)
7' 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
$\pm 50.0\text{PSF}$	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

SOFT PVC FRAME W/OUT SILL RISER

DESIGN PRESSURE RATING	IMPACT RATING
$+40.0/-50.0\text{PSF}$	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
$\pm 45.0\text{PSF}$	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
$+40.0/-45.0\text{PSF}$	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

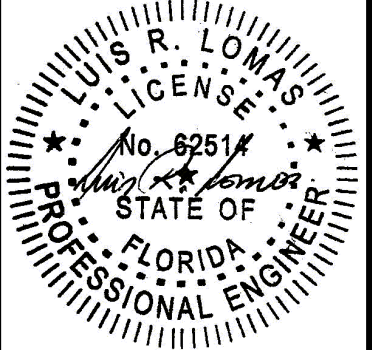
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8989 NORTH LOOP EAST
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
FULL LITE PANELS ELEVATION

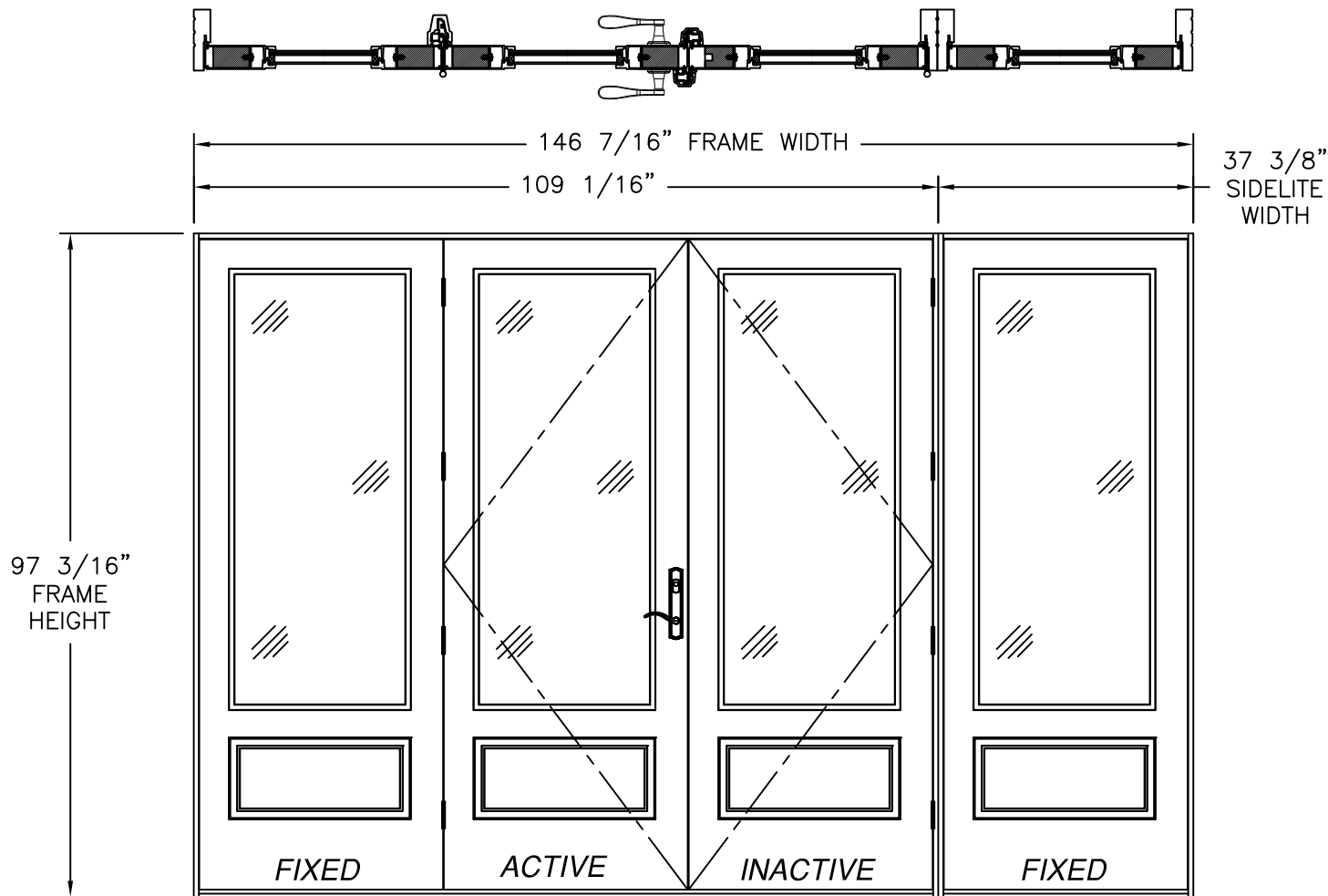
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SCALE NTS	DATE 09/27/18	SHEET 2 OF 23

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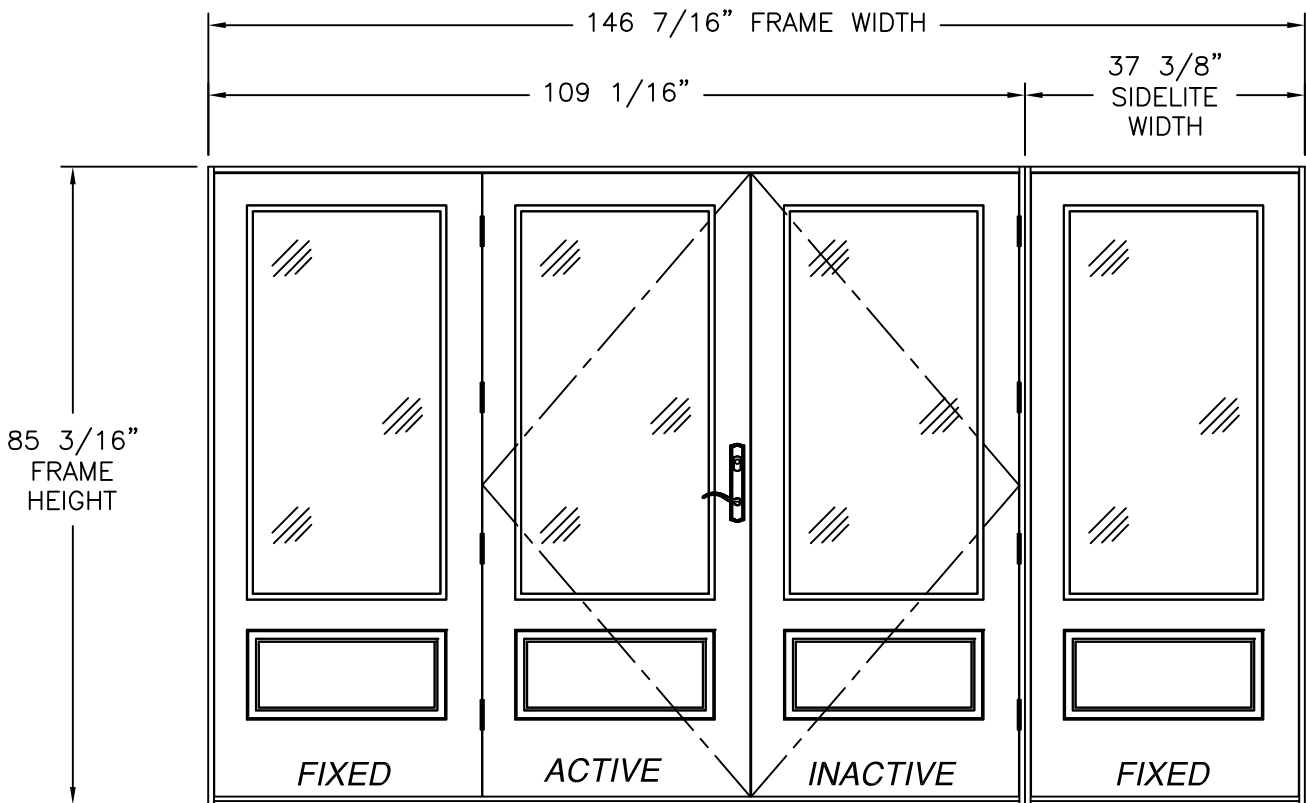


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SLPS PATIO DOOR LITE OUTSWING (OXX/O)
8' UNIT EXTERIOR VIEW
3/4 LITE PANELS
REFER TO SHEET 5 FOR HARDWARE AND NOTES



SLPS 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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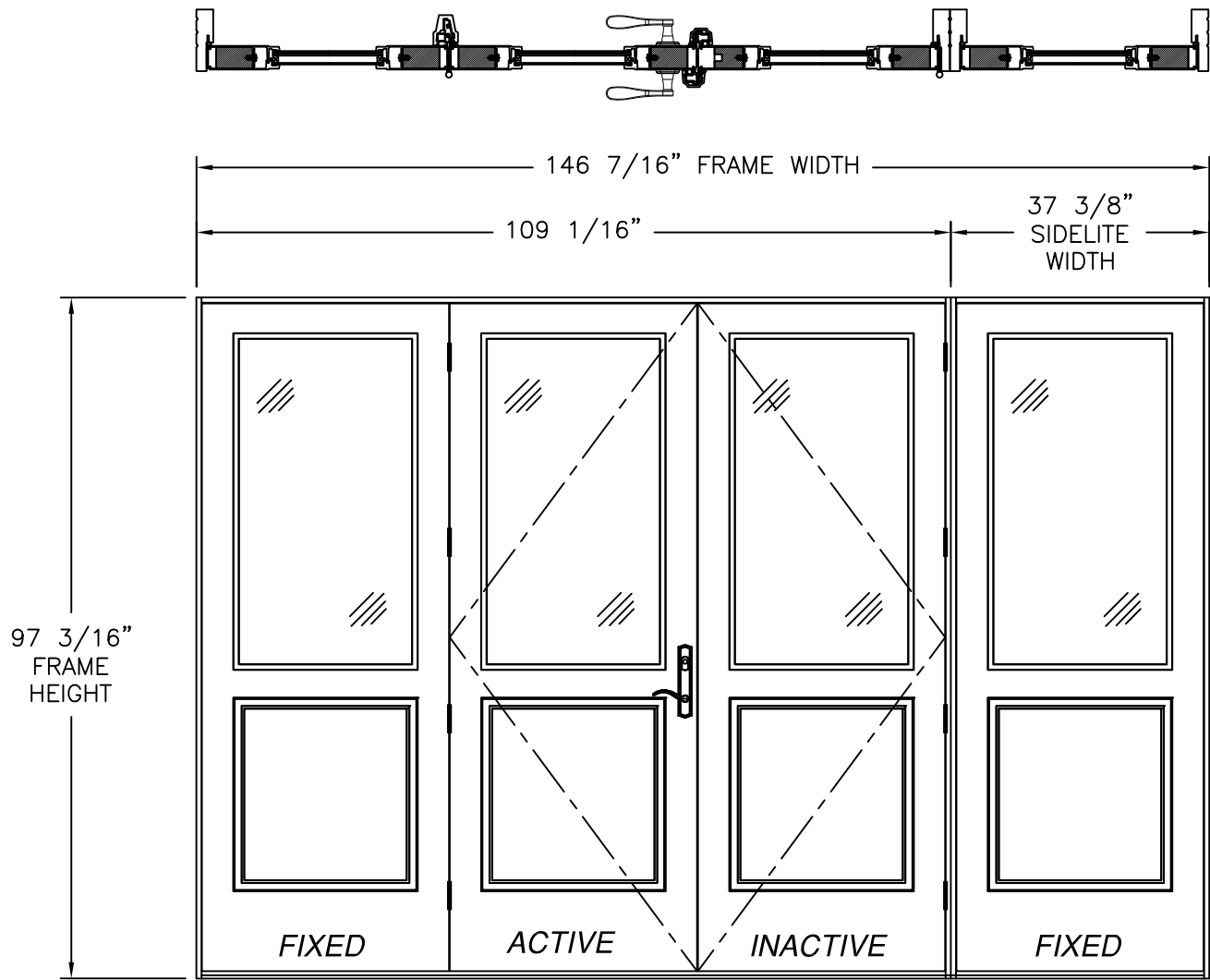
SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
3/4 LITE PANELS ELEVATION

DRAWN: A.R.	DWG NO. 08-03323	REV G
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SLPS PATIO DOOR LITE OUTSWING (OXX/O)
8' 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

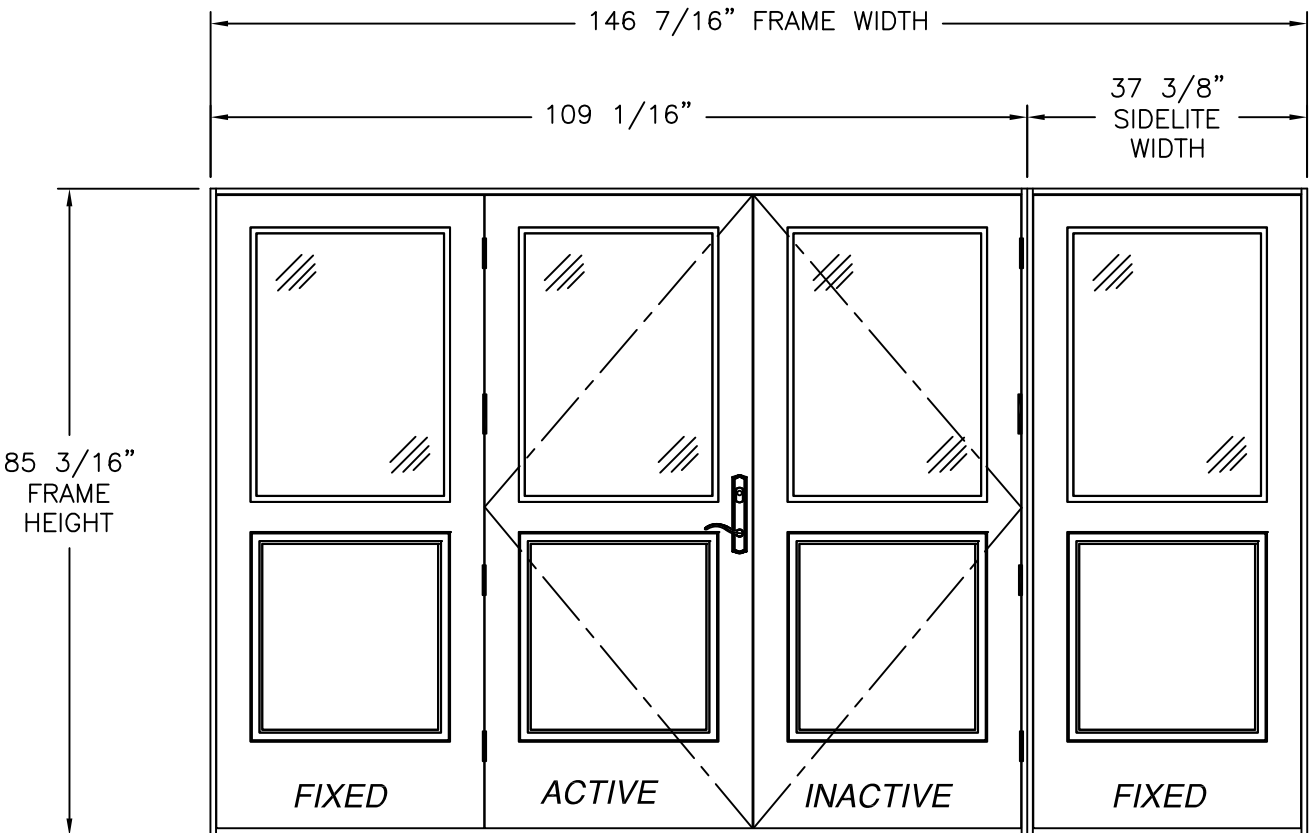
STANDARD FRAME W/ & W/OUT SILL RISER & W/ENDURA SYSTEM	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE & SMALL MISSILE IMPACT

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



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

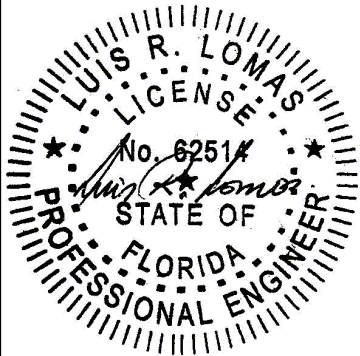
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SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT – HVHZ
1/2 LITE PANELS ELEVATION

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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.	STAINLESS STEEL MULTI-POINT LOCK WITH KEEPERS AT 8 3/8", 51 3/4" AND 90 1/8" FROM FRAME HEAD
E.	T ASTRAGAL AT ACTIVE AND PASSIVE PANELS
F.	(4) 4X4 DOOR HINGE AT STILE OF ACTIVE AND PASSIVE PANEL
G.	ALUMINUM REINFORCEMENT (A) AT ASTRAGAL
H.	ALUMINUM MULLION REINFORCEMENT (B) AT INTEGRAL MULLION

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"

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

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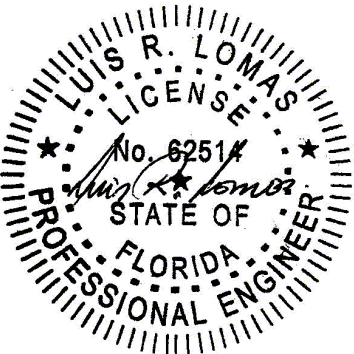
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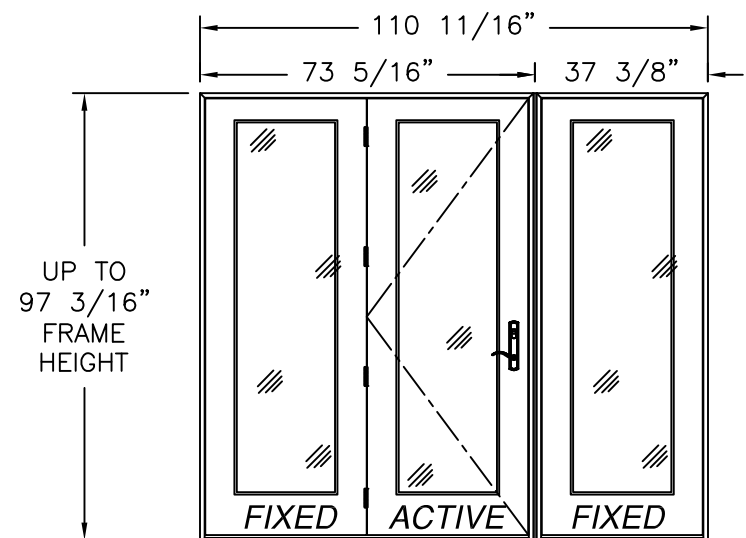
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SHEET 5 OF 23

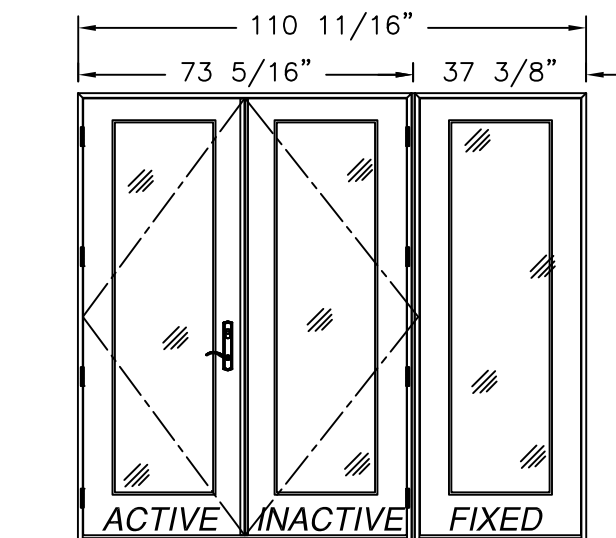
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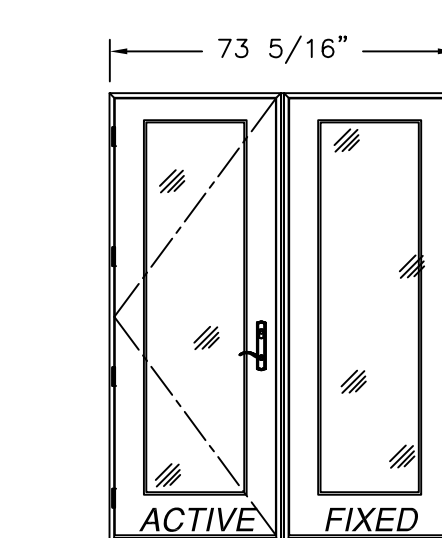
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SINGLE W/SIDELITE MULL. (OX/O, O/XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

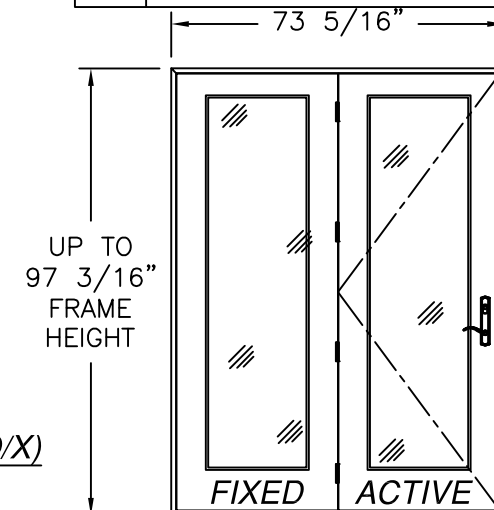


DOUBLE W/SIDELITE MULL. (XX/O, O/XX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

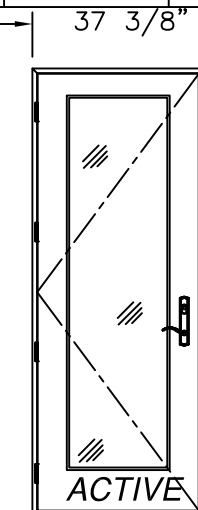


SINGLE W/SIDELITE MULL. (X/O, O/X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR

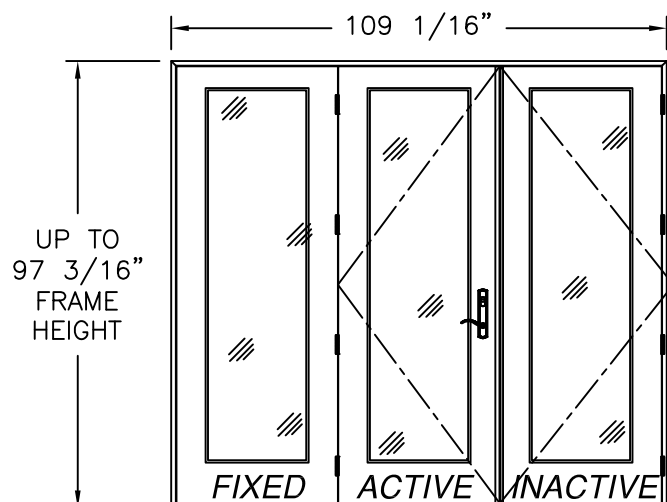
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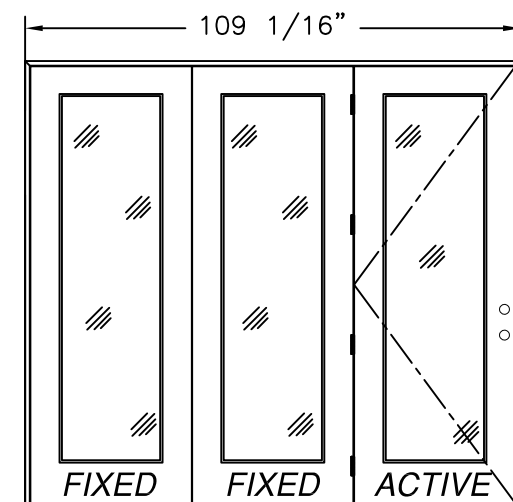
SINGLE W/SIDELITE (OX, XO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



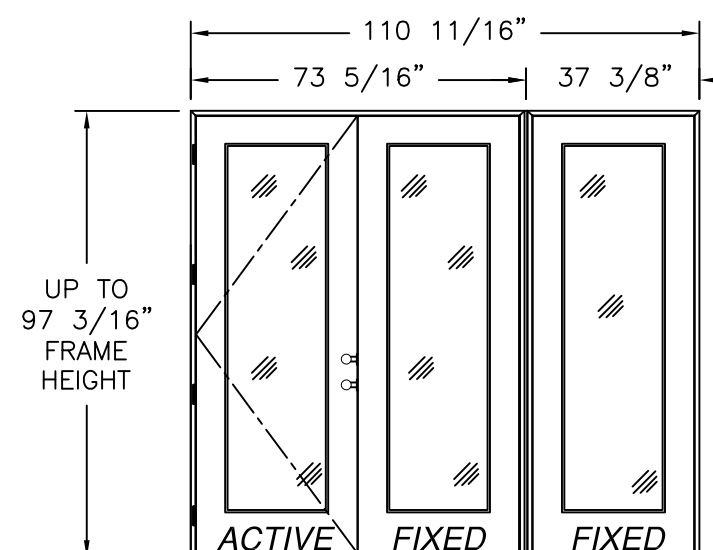
SINGLE (X)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



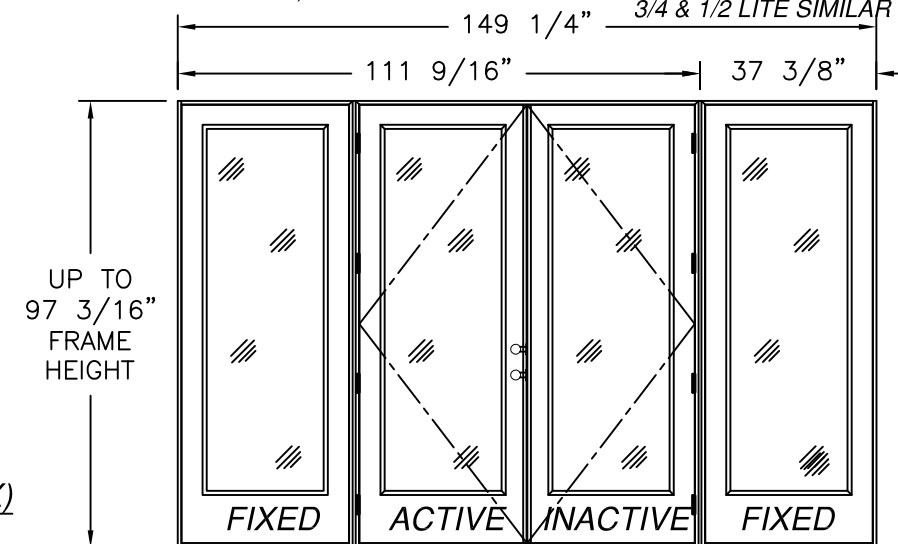
DOUBLE W/SIDELITE (OXX, XXO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



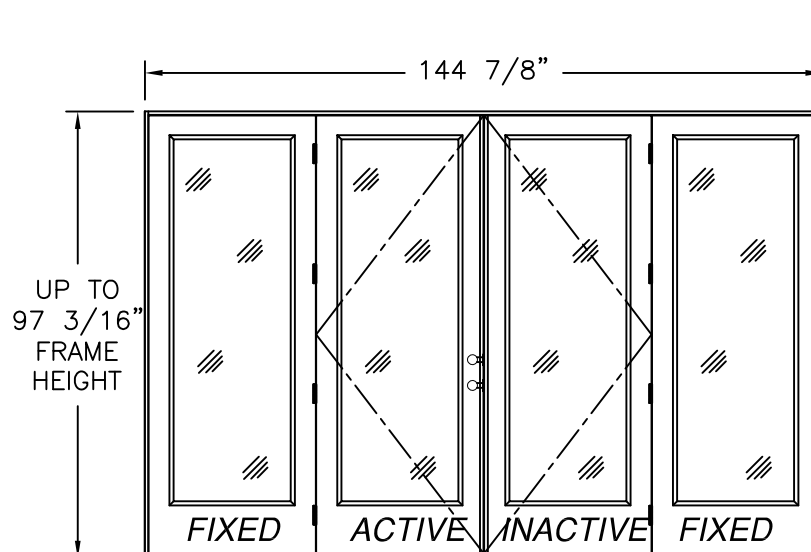
SINGLE W/SIDELITES (OOX, XOO)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



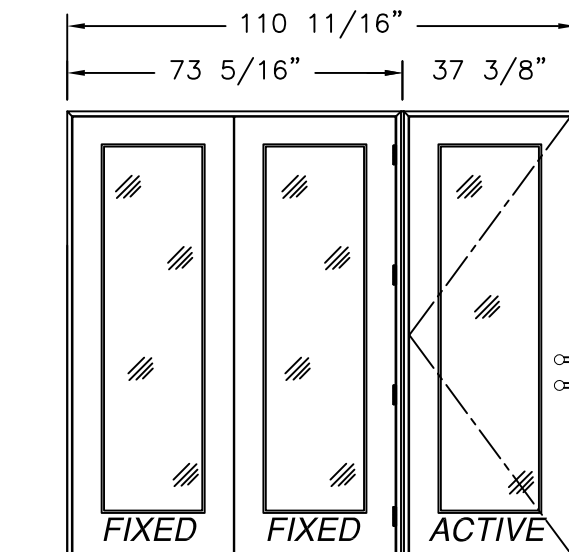
SINGLE W/SIDELITES MULL. (XO/O, O/OX)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



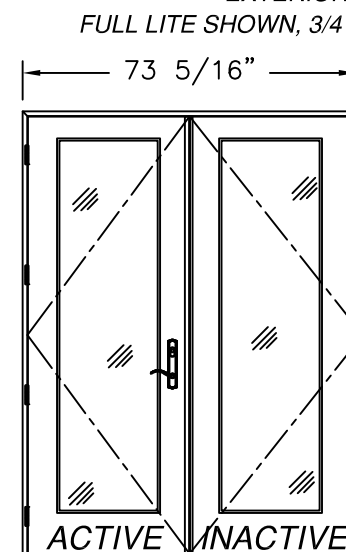
DOUBLE W/SIDELITES MULL. (O/XX/O)
EXTERIOR VIEW
FULL LITE SHOWN, 3/4 & 1/2 LITE SIMILAR



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.

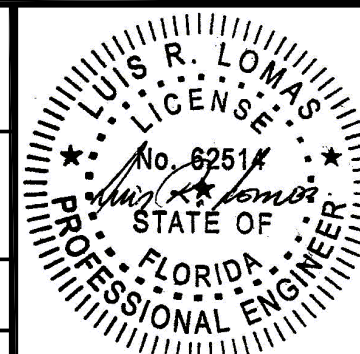
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8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

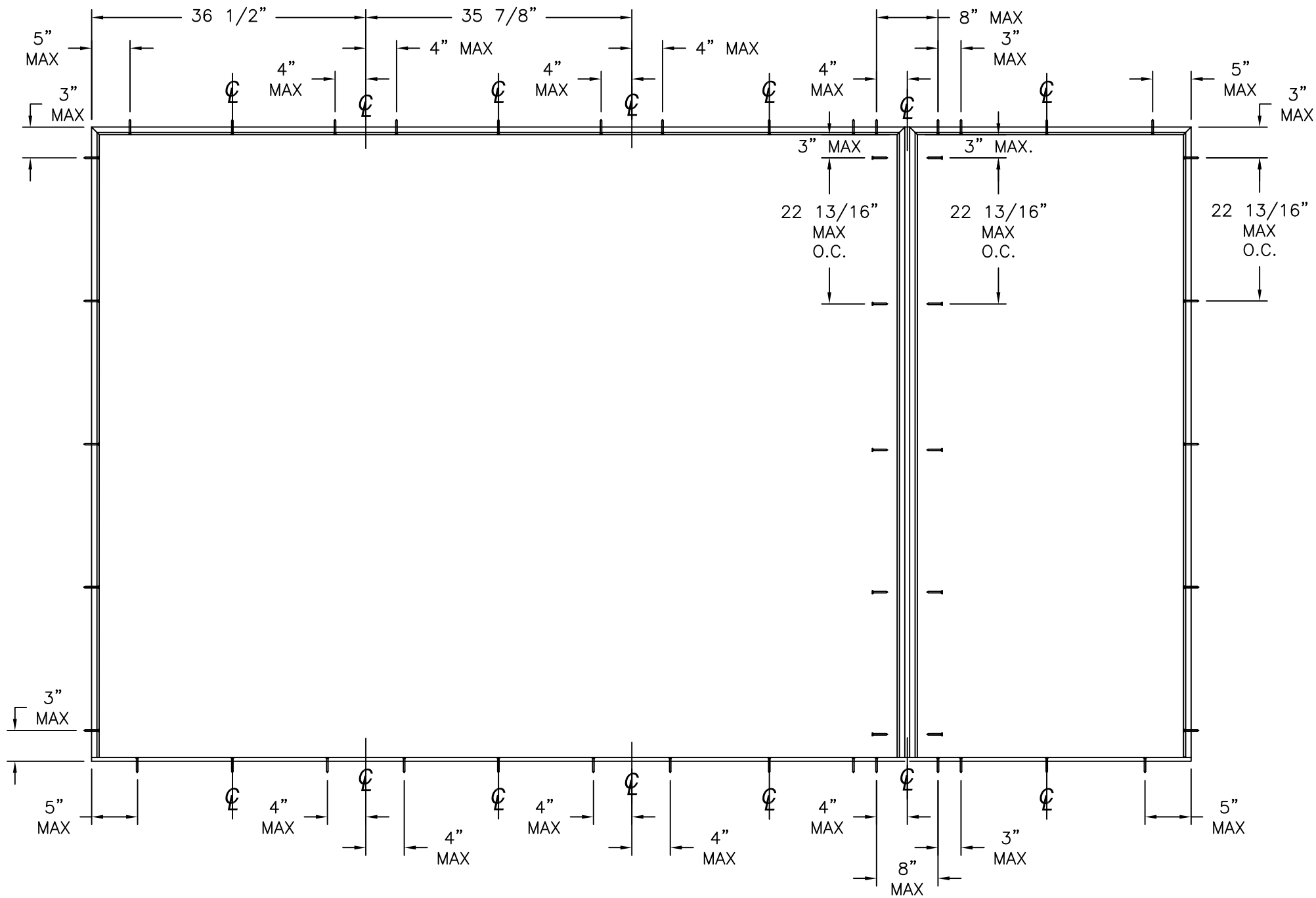
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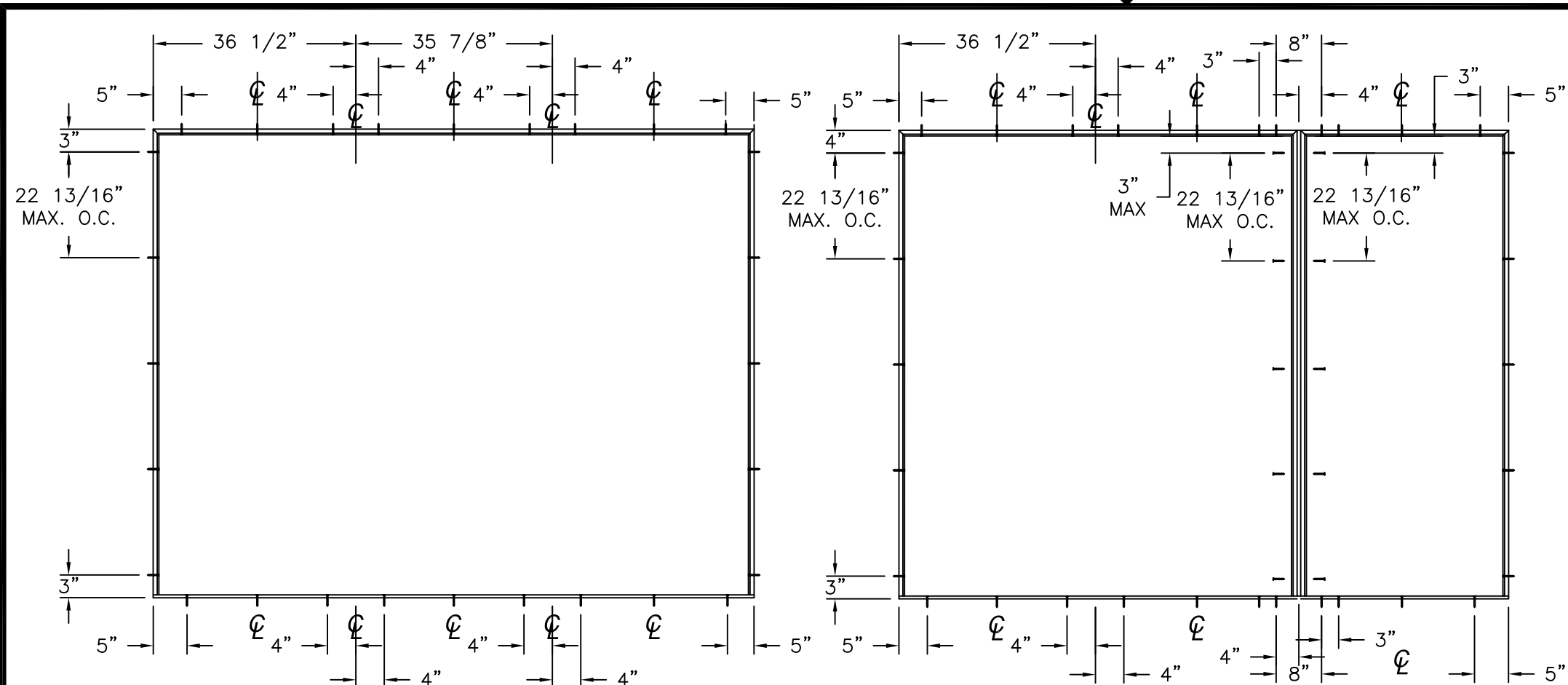


ANCHORING LAYOUT

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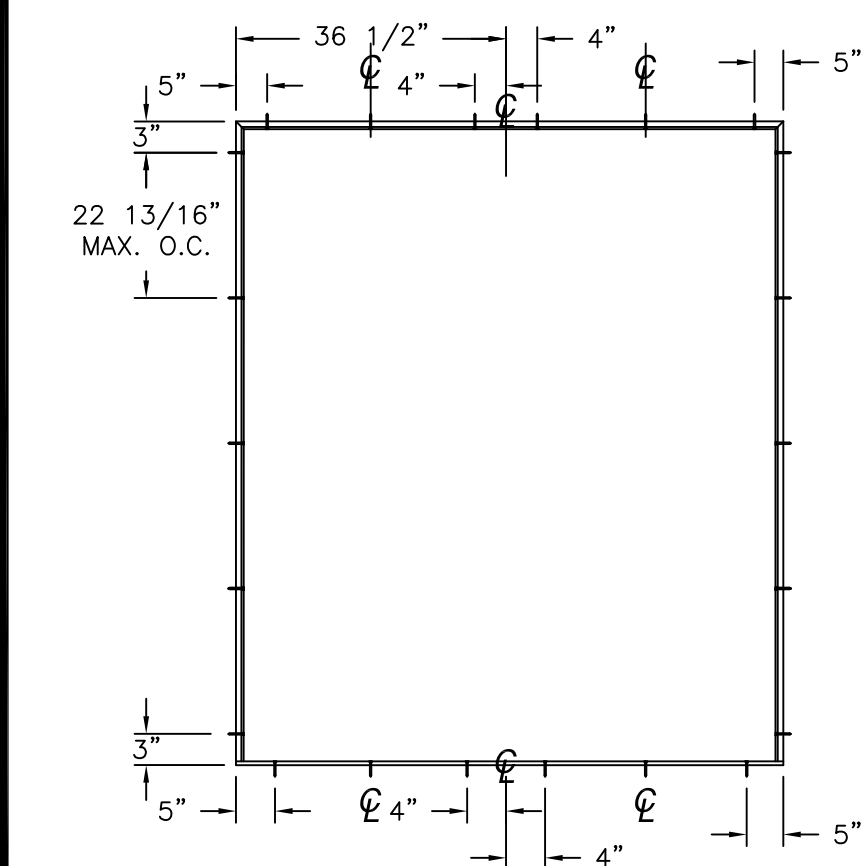
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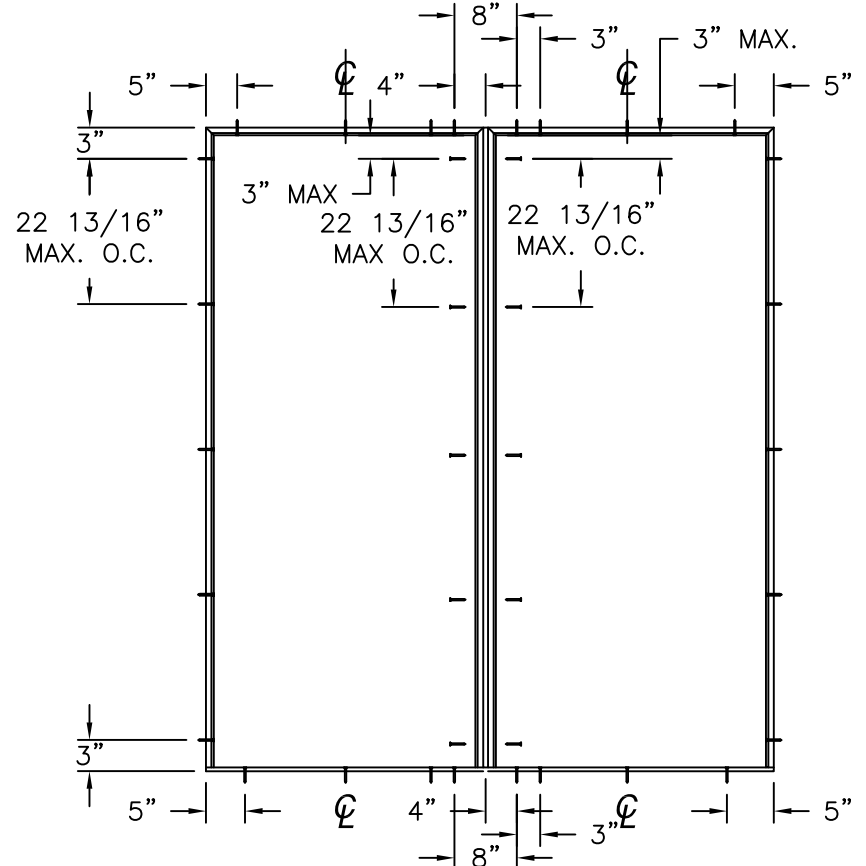


ANCHORING LAYOUT FOR OXO, XXO AND OXX

ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)

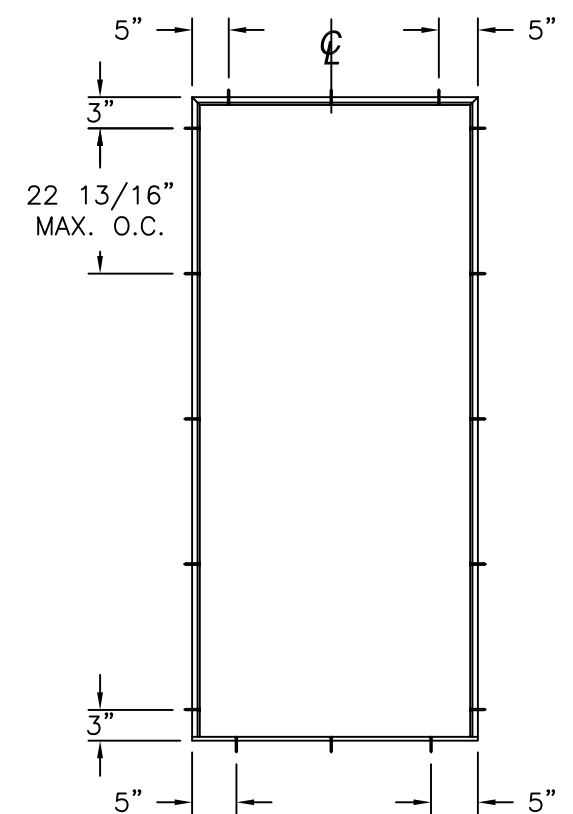


ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)

REVISIONS			
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ANCHORING LAYOUT FOR X

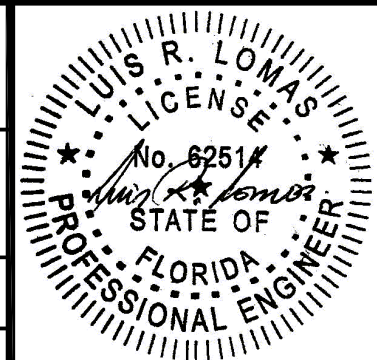
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8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

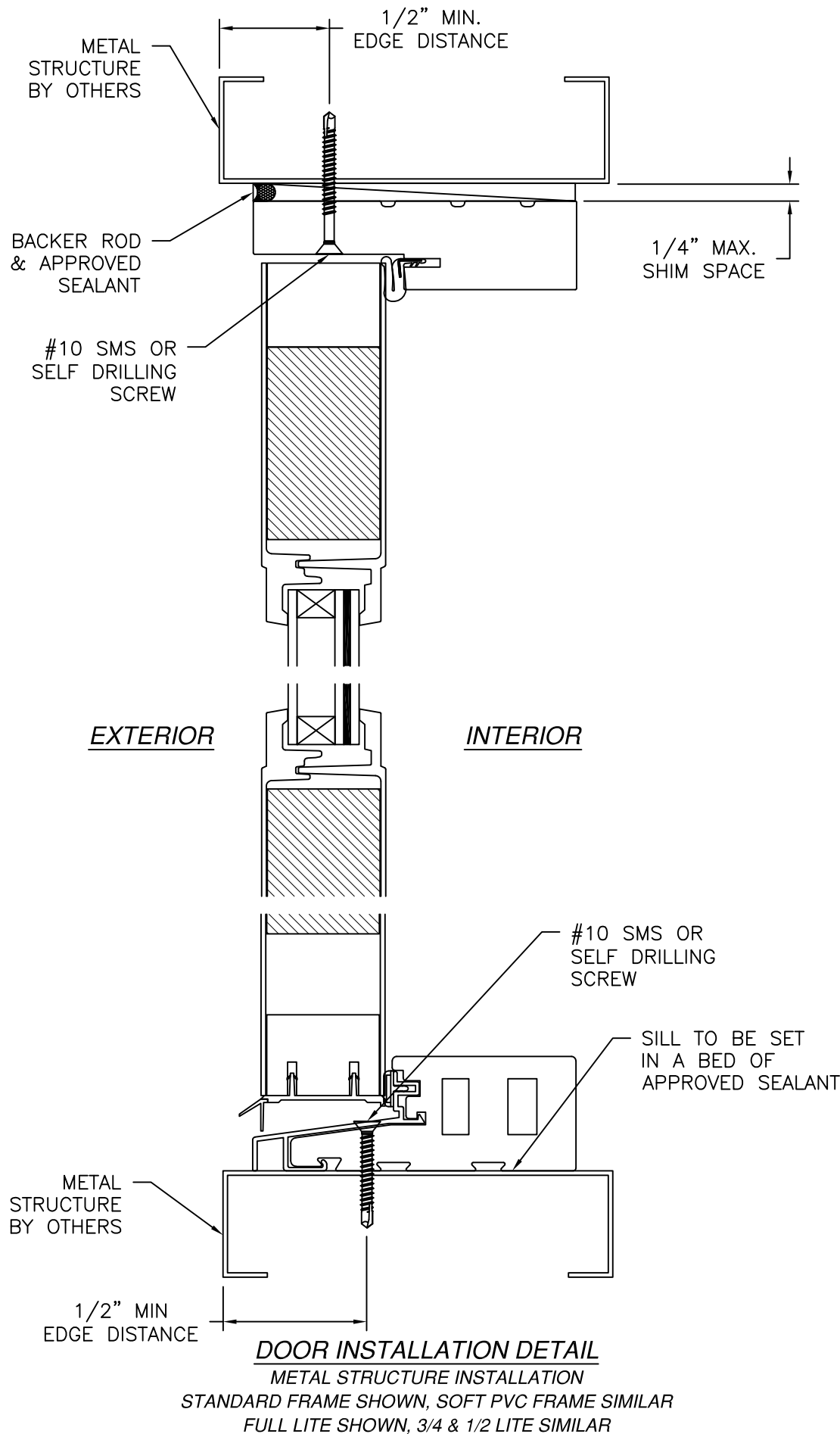
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 8 OF 23

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

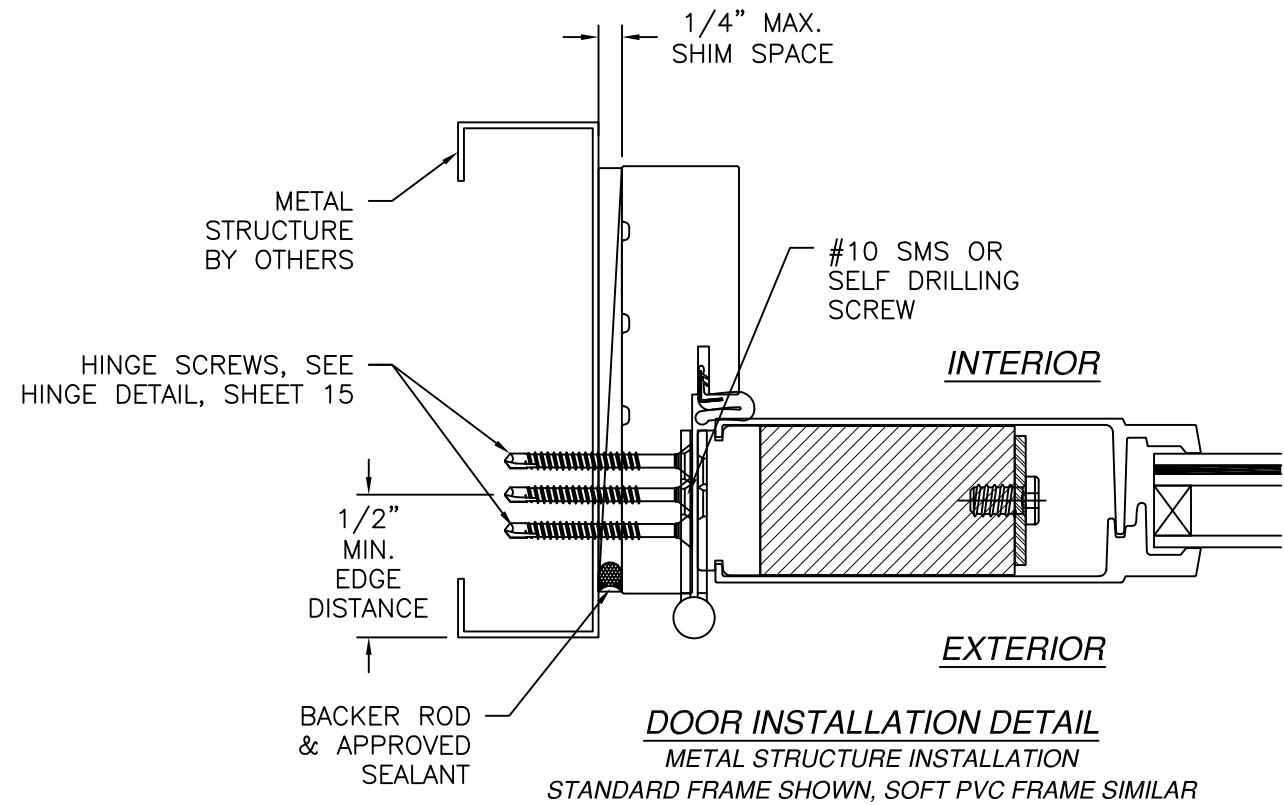
SIGNED: 02/03/2025



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



NOTES:

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

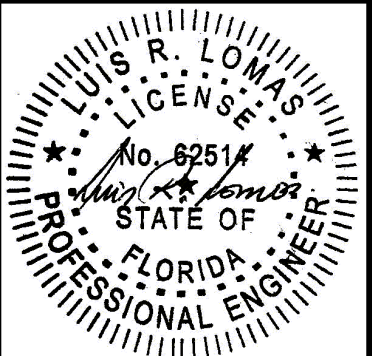
SIGNED: 02/03/2025

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

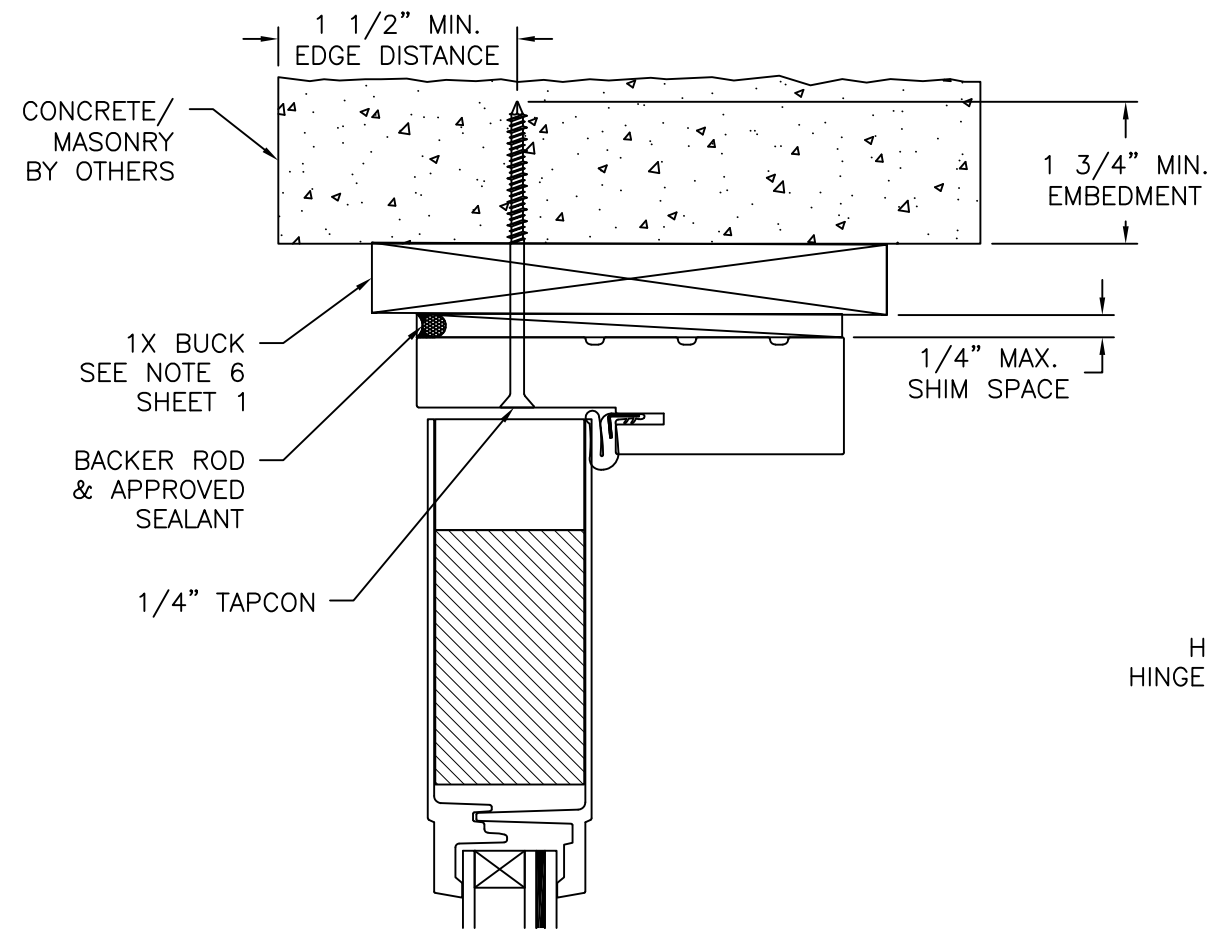
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 10 OF 23

L. ROBERTO LOMAS P.E.
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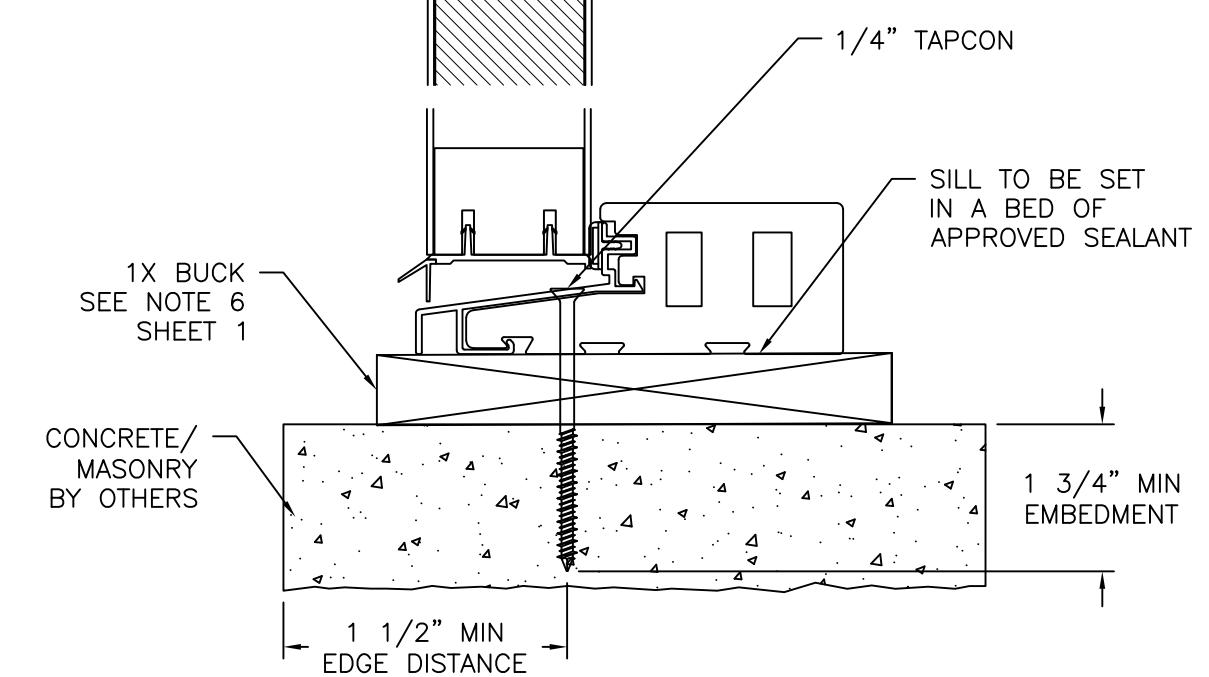
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.

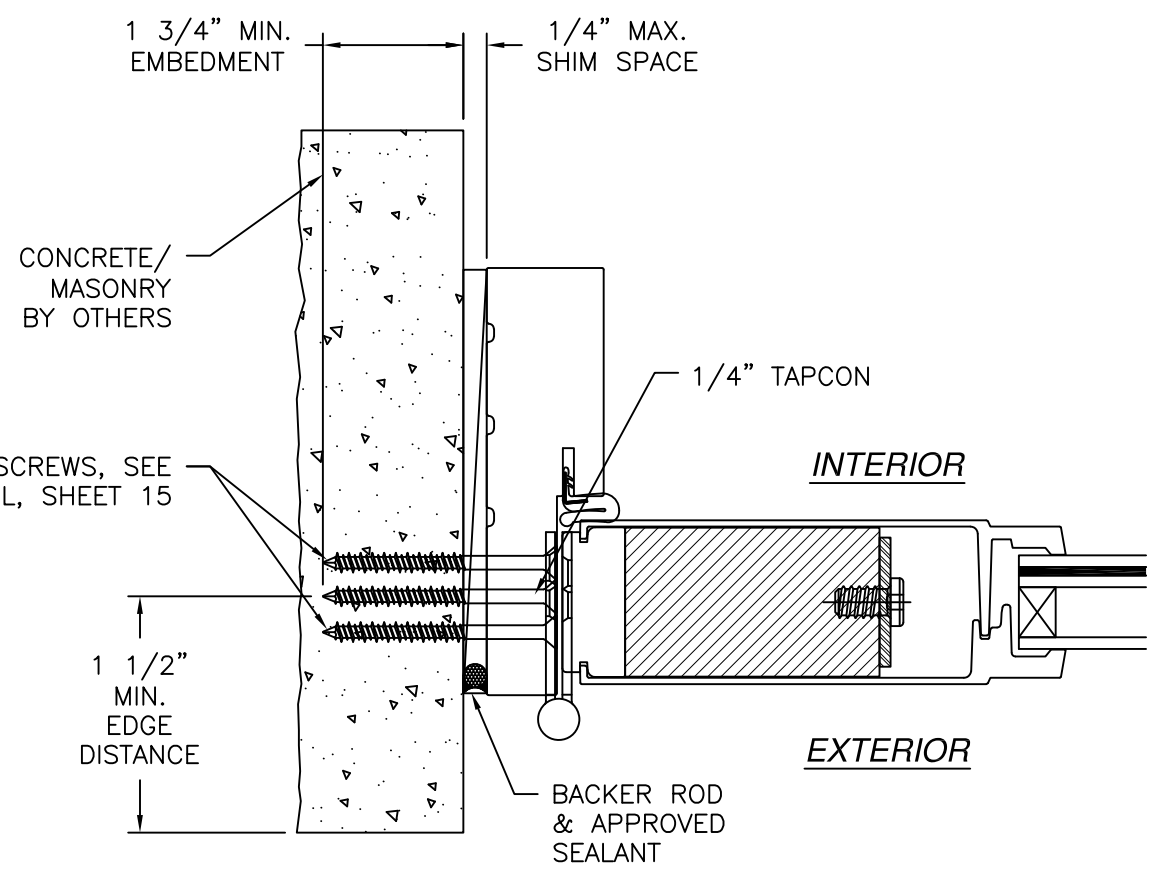


EXTERIOR

INTERIOR



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



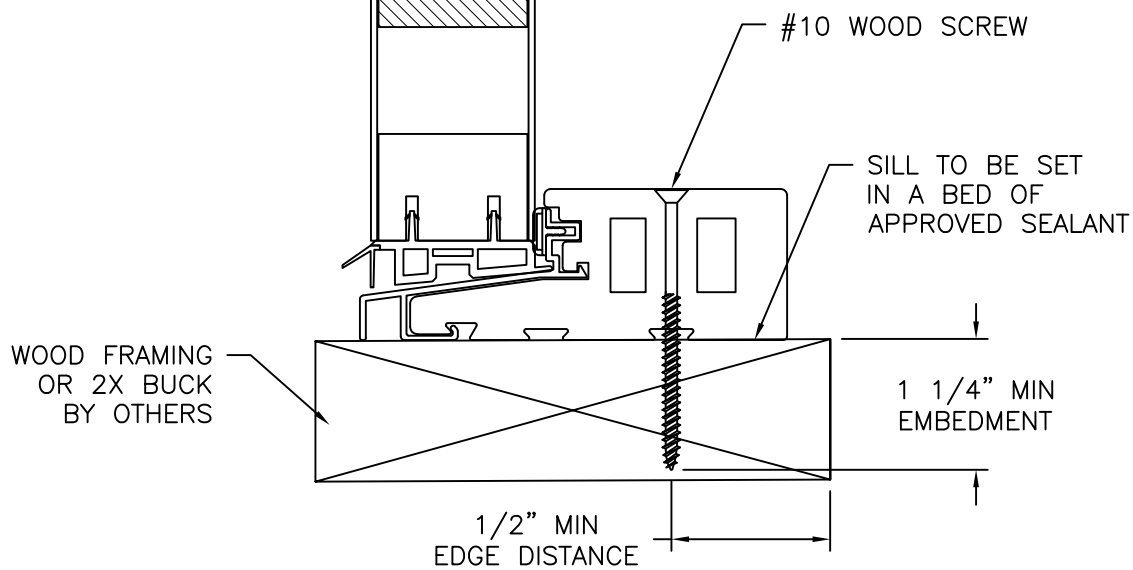
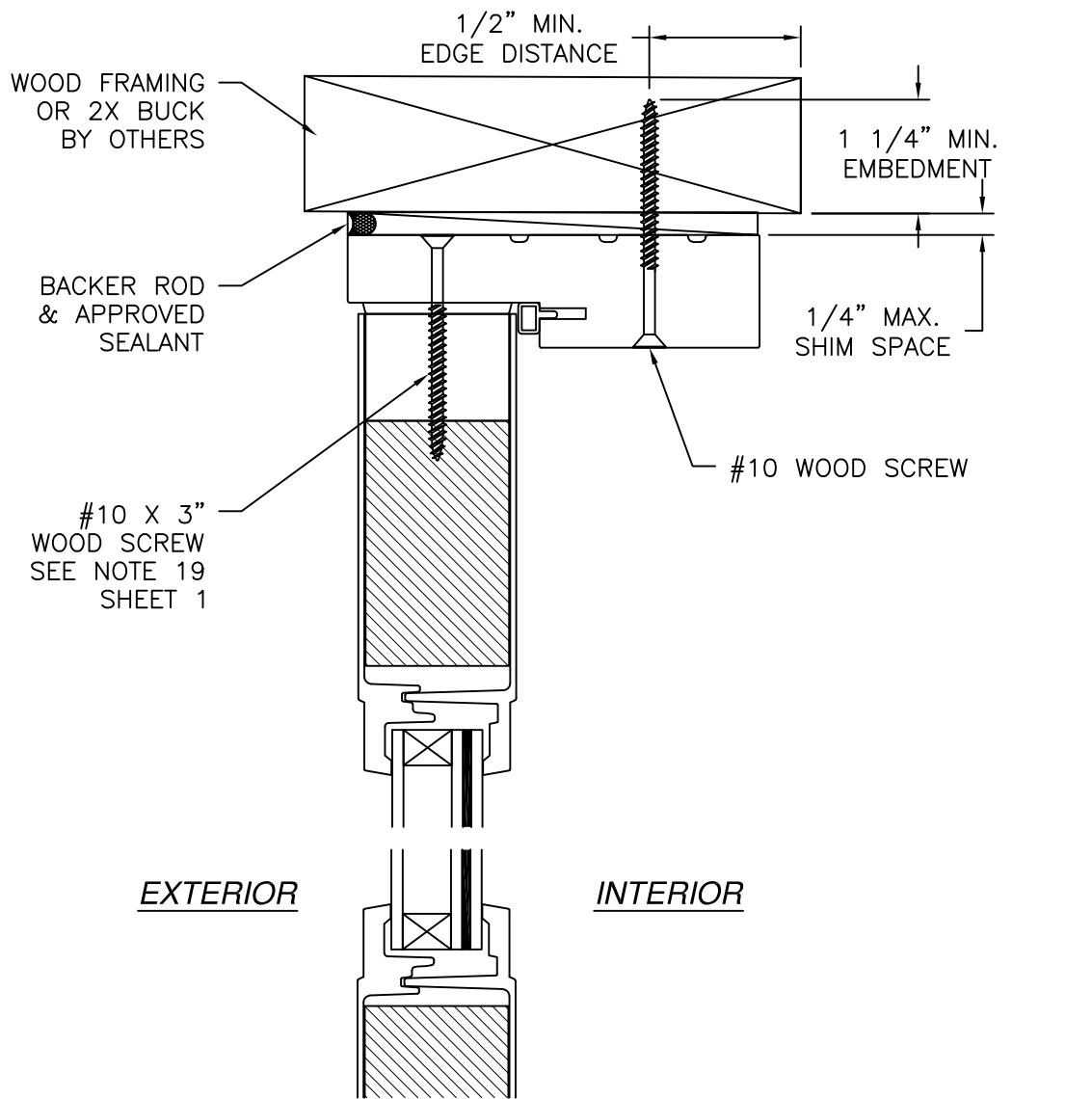
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

- 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: 02/03/2025

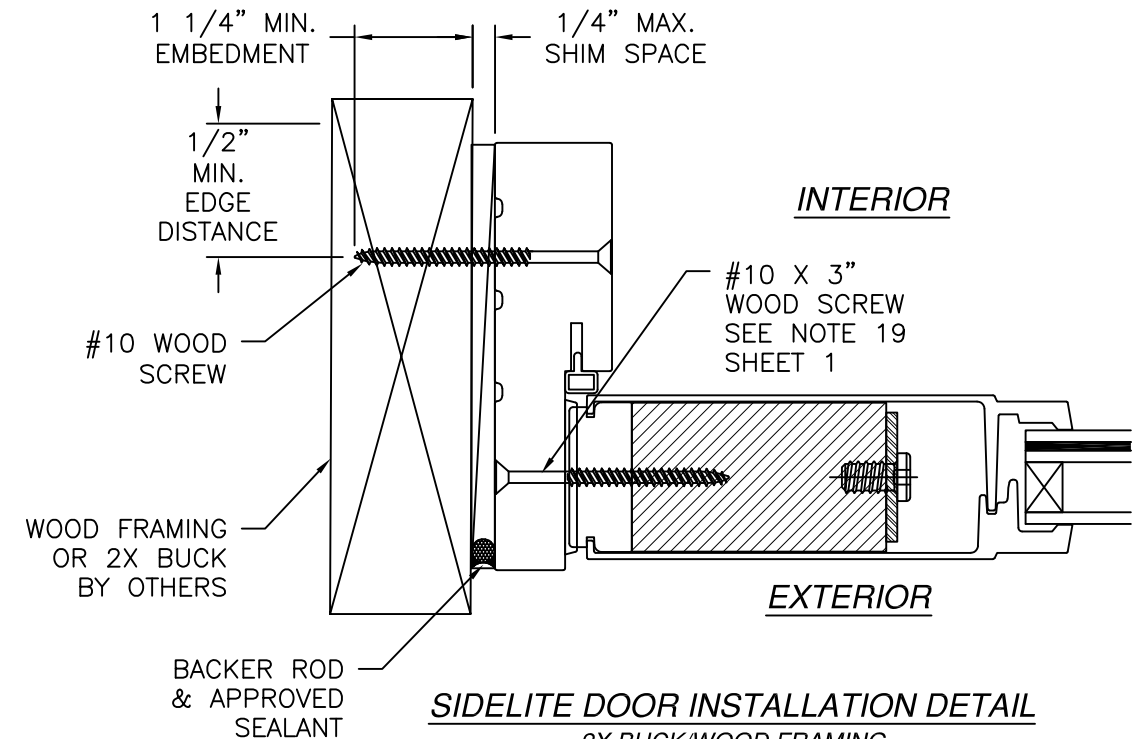
NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT - HVHZ DOOR INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 11 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR
FULL LITE SHOWN. 3/4 & 1/2 LITE SIMILAR

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



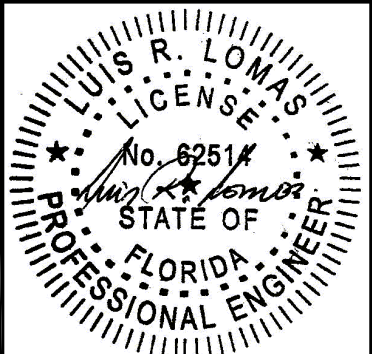
SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR

NOTES:

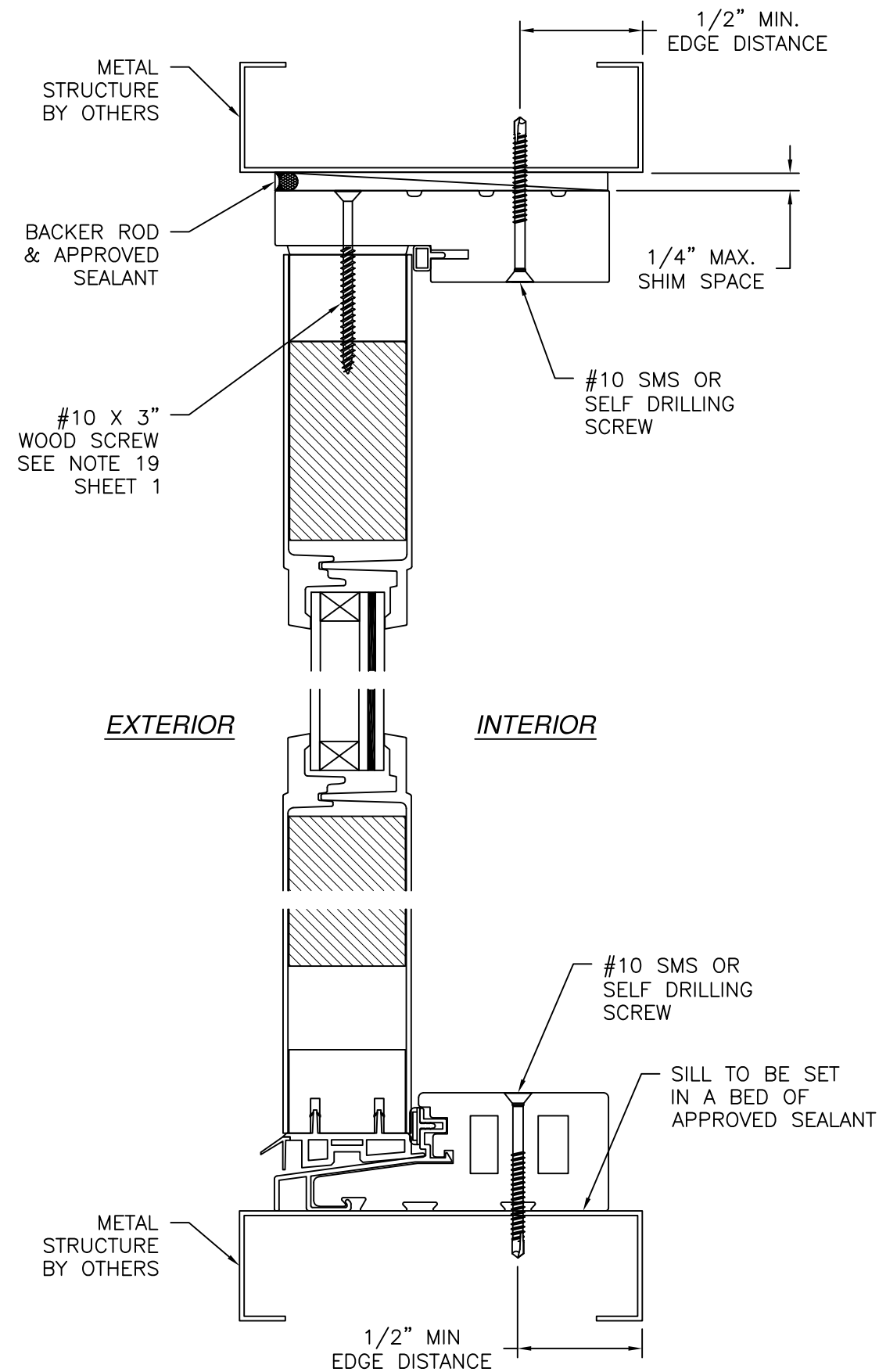
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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SIGNED: 02/03/2025

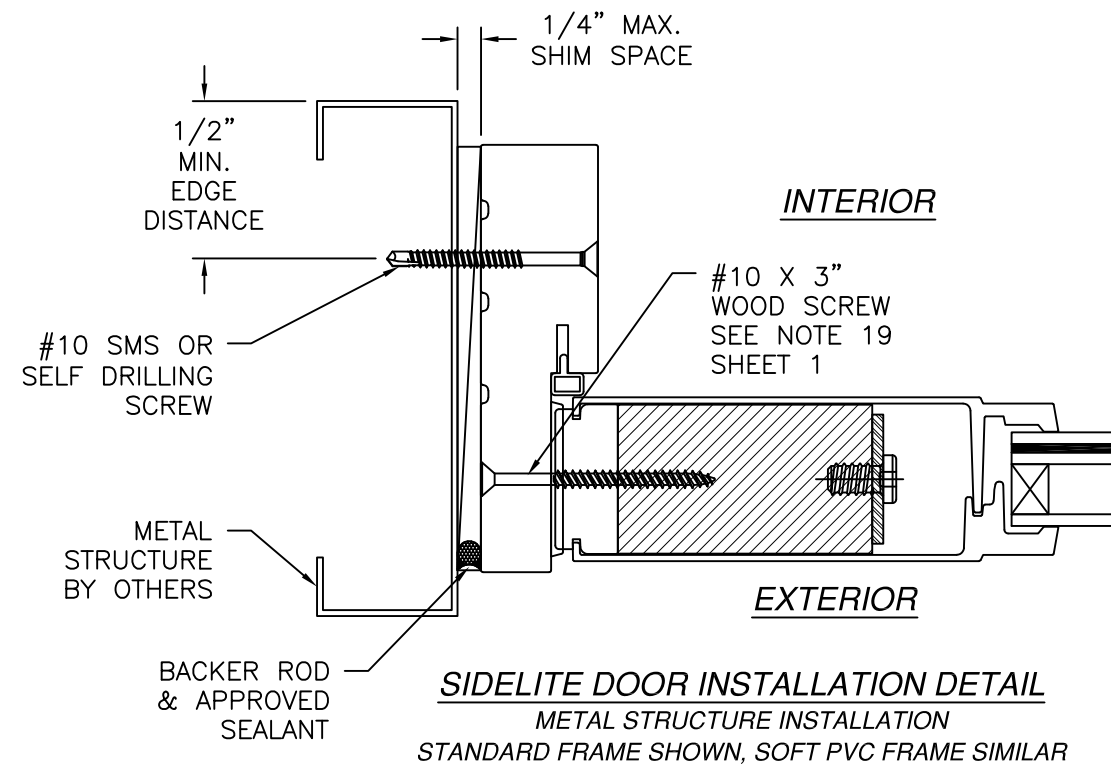
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SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT - HVHZ SIDELITE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 12 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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



SIDELITE DOOR INSTALLATION DETAIL
 METAL STRUCTURE INSTALLATION
 STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR
 FULL LITE SHOWN. 3/4 & 1/2 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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.

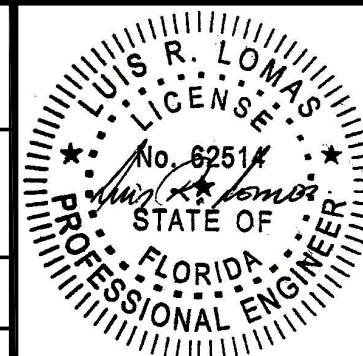
NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

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

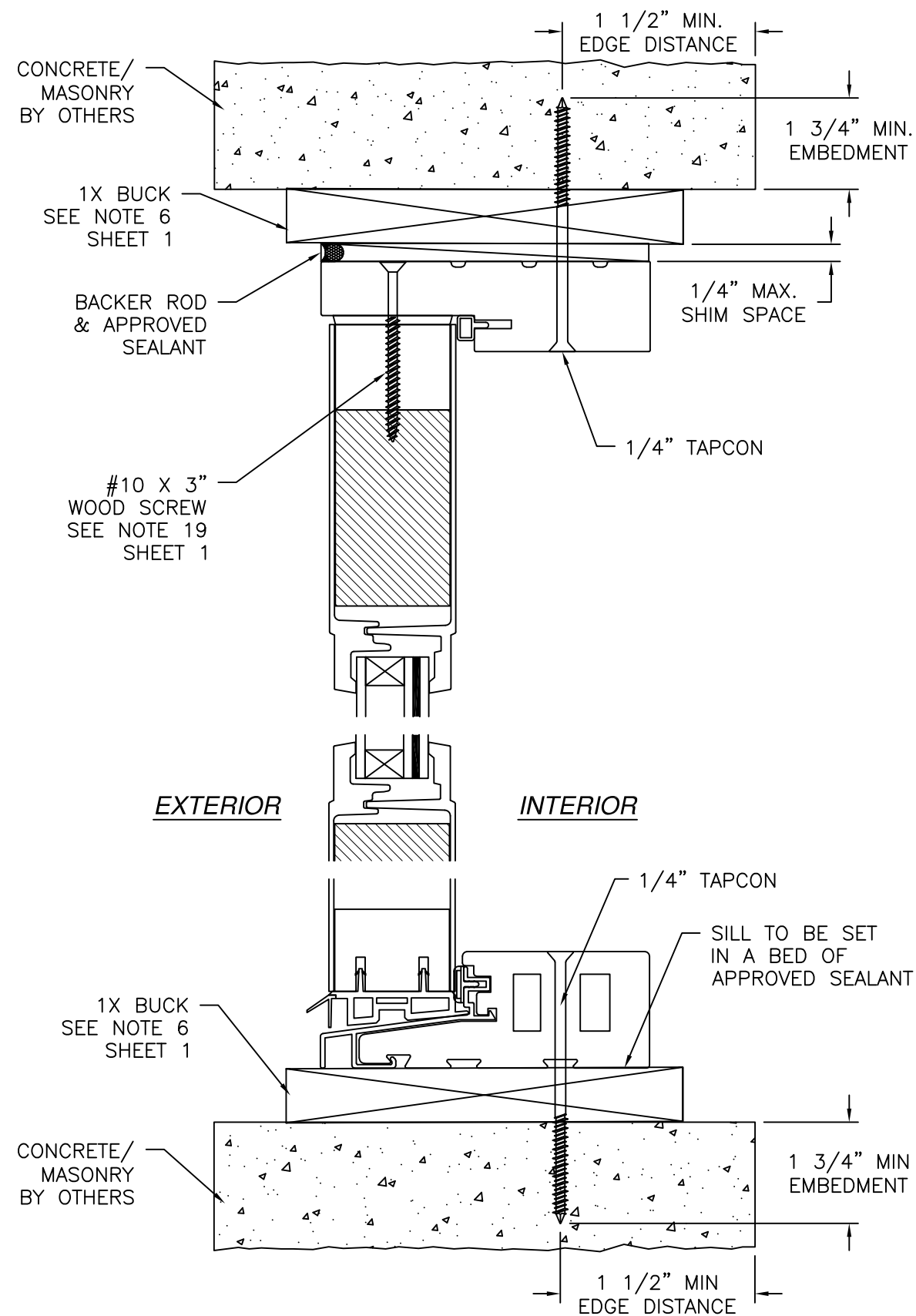
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 13 OF 23

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

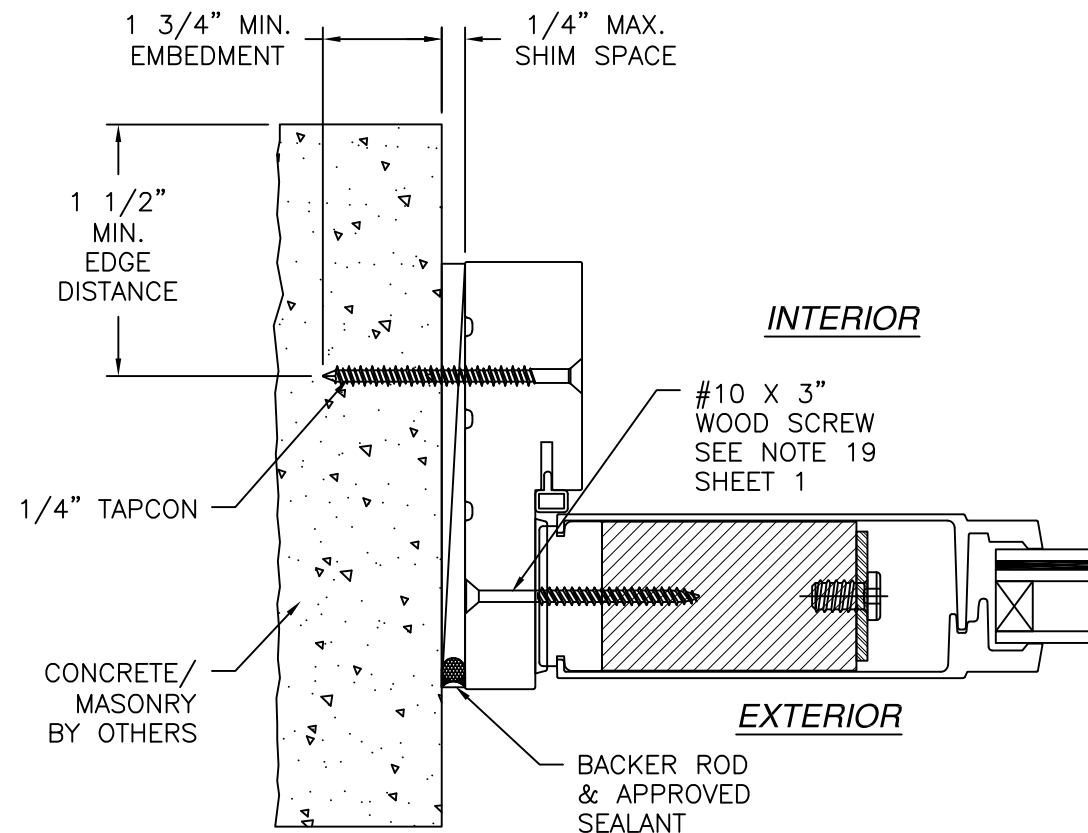
SIGNED: 02/03/2025



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



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



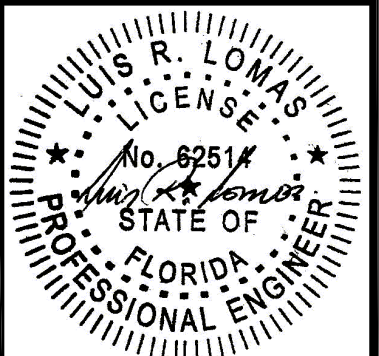
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	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 SIDELITE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 14 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

SIGNED: 02/03/2025

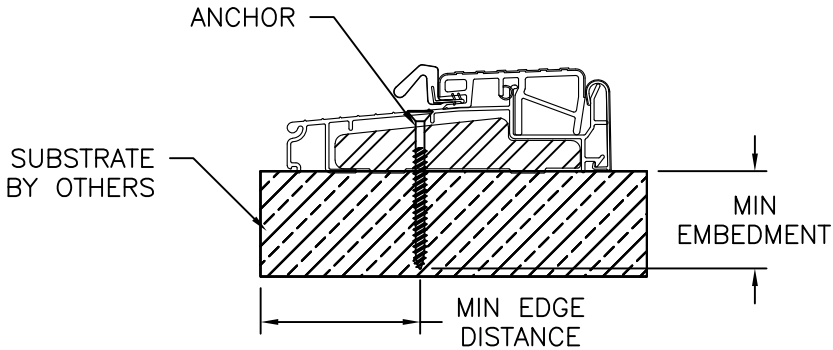


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FL No.: 62514

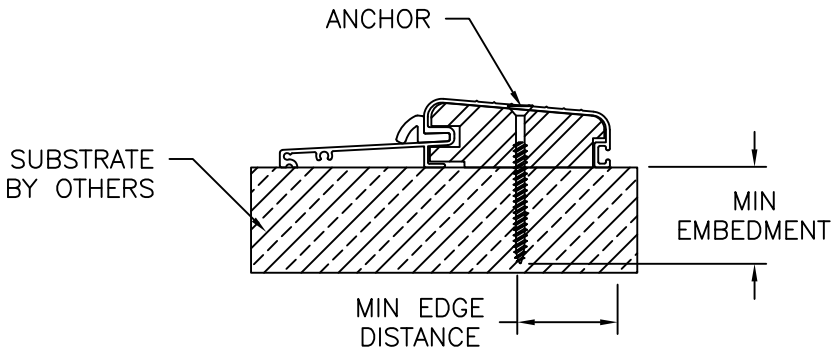
SILLS ANCHORS LOCATIONS

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

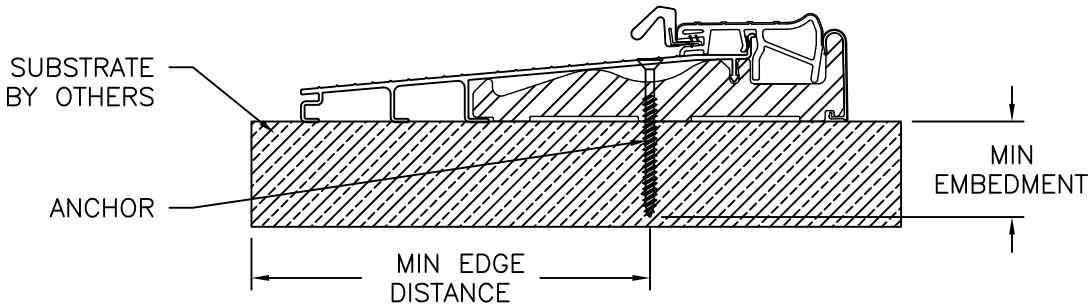
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



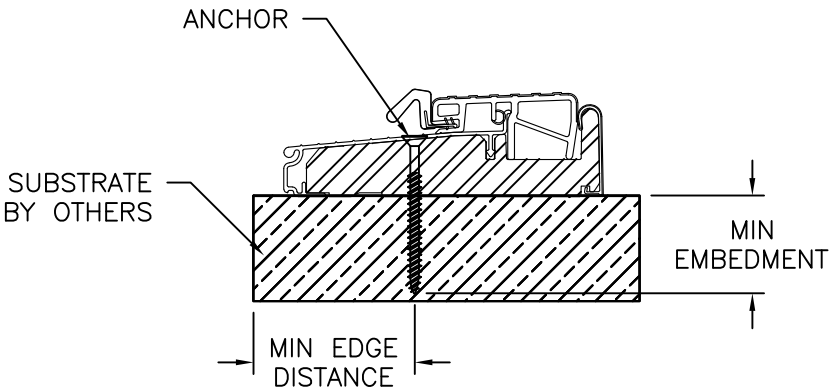
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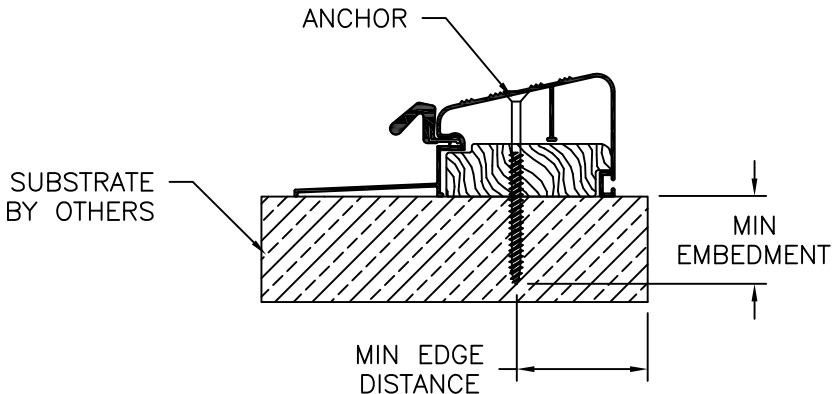
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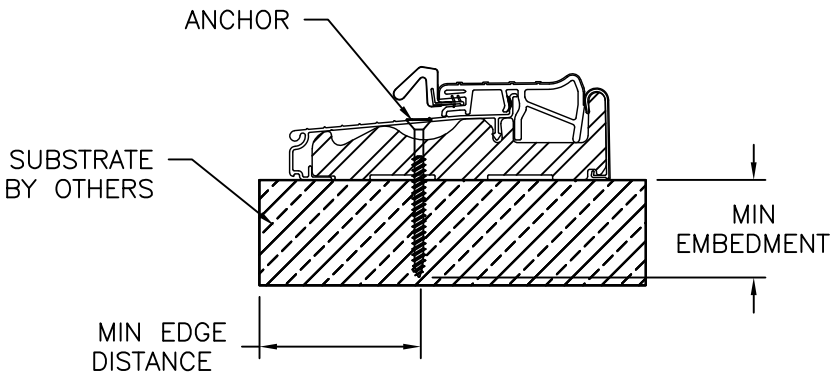
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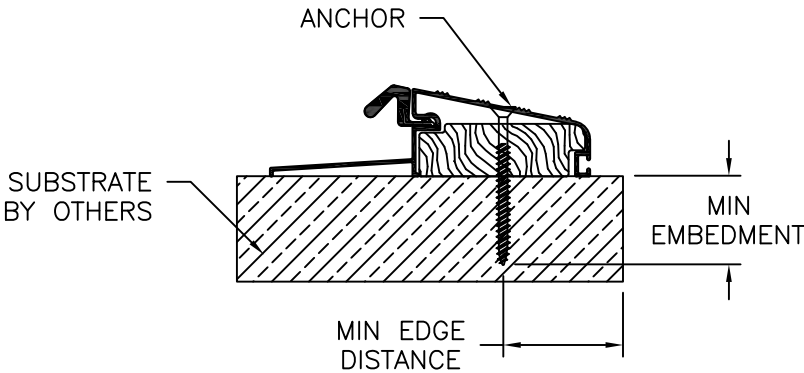
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DLP THRESHOLD QOSR



ENDURA THRESHOLD ZOBLH4565



DLP THRESHOLD QOSH

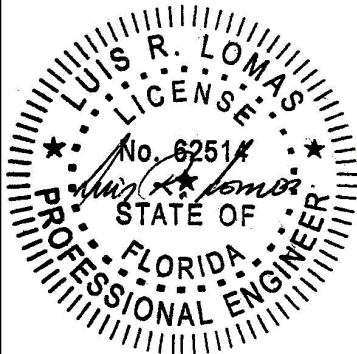
SIGNED: 02/03/2025

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

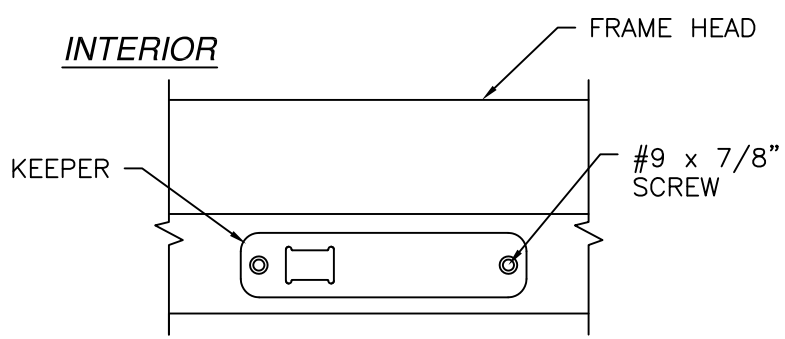
SLPS PATIO DOOR LITE 8'0 OUTSWING
LARGE MISSILE IMPACT - HVHZ
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 15 OF 23

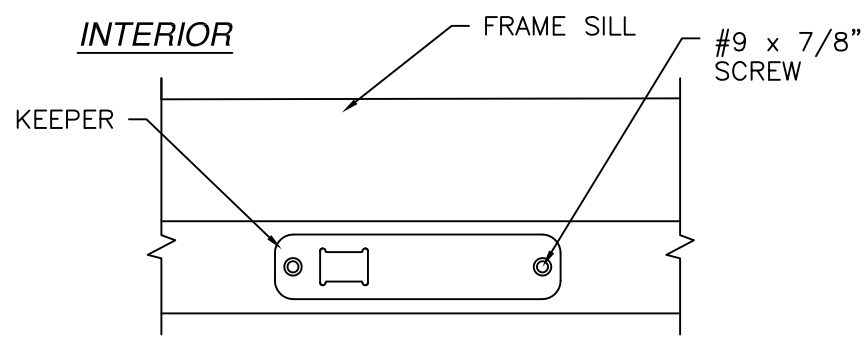
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



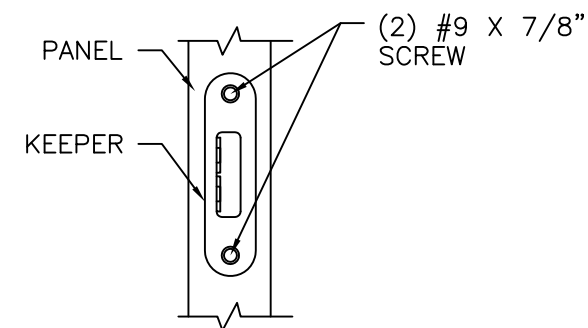
Luis R. Lomas P.E.
FL No.: 62514



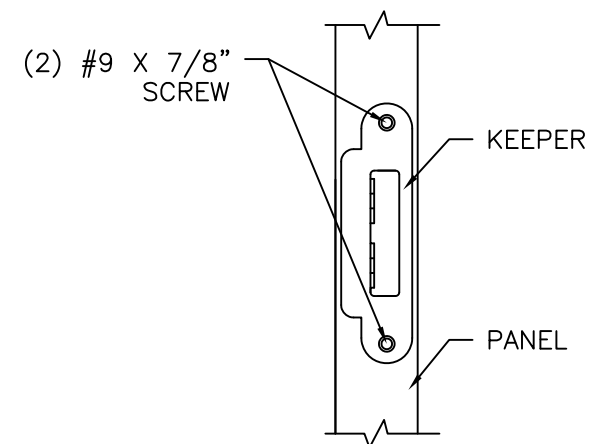
HEAD KEEPER DETAIL



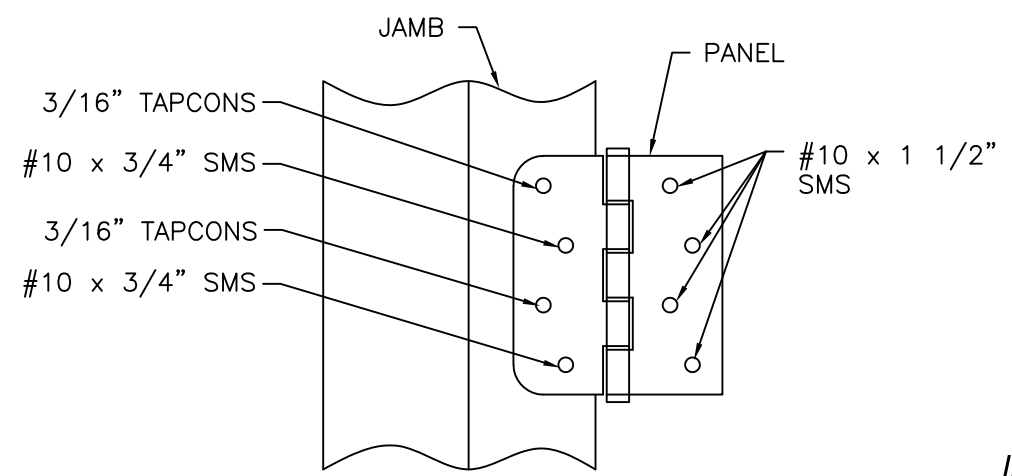
SILL KEEPER DETAIL



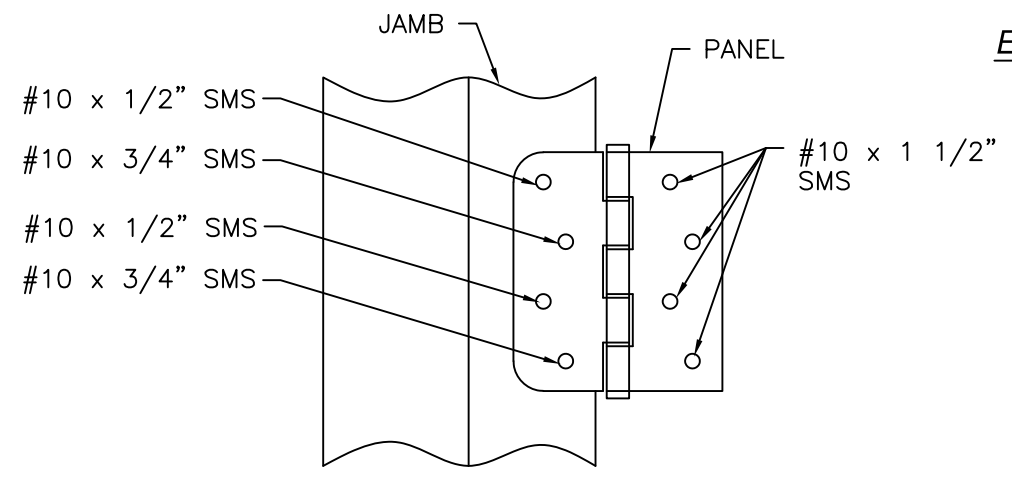
HOOK KEEPER DETAIL



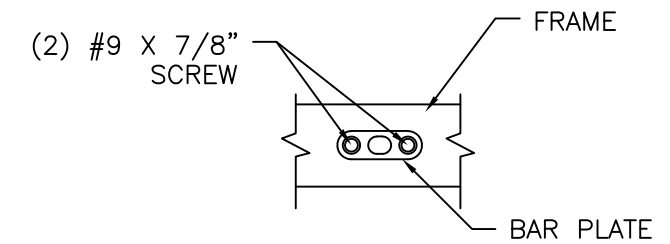
SLAB MULTI-POINT LOCK KEEPER DETAIL



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

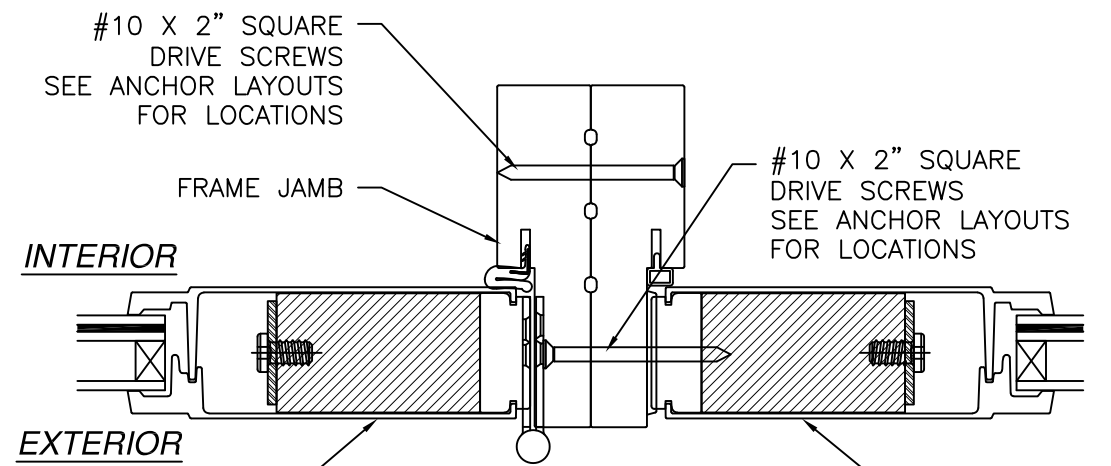


HINGE INSTALLATION DETAIL
WOOD AND METAL INSTALLATION



DRIVE BAR PLATE DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



MULLION DETAIL

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

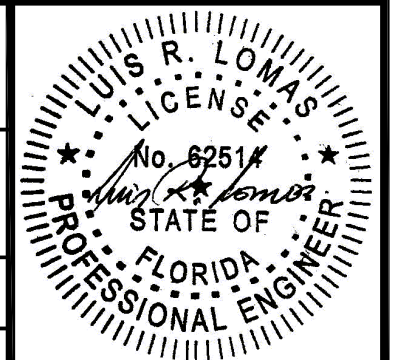
NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 16 OF 23

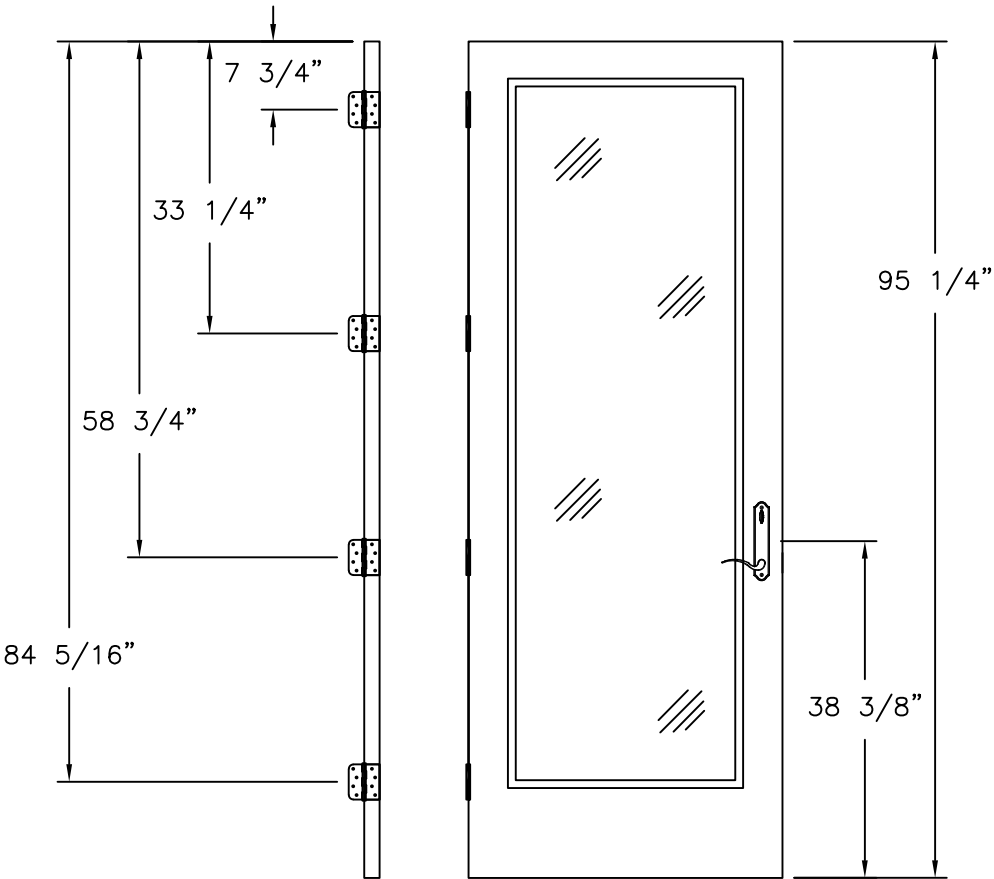
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 02/03/2025

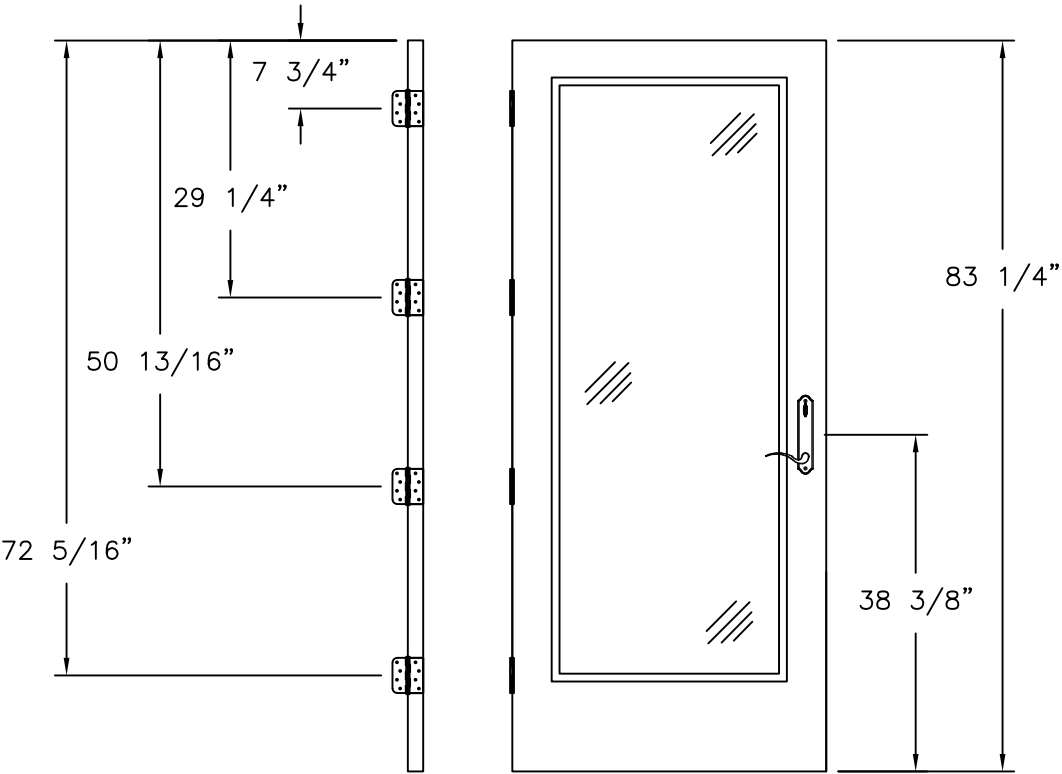


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FL No.: 62514

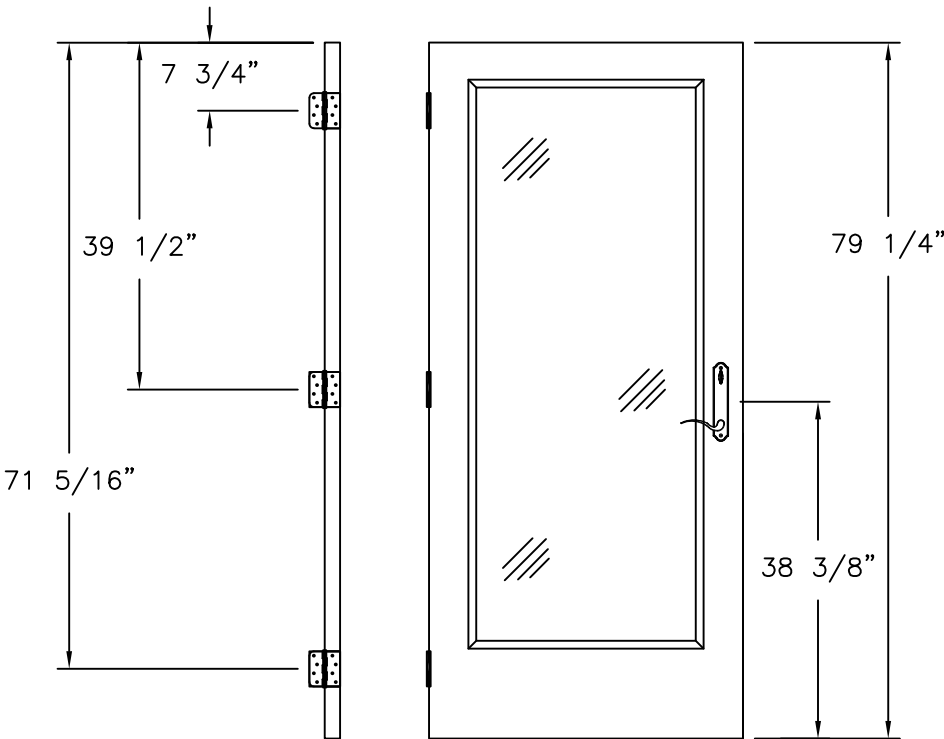
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



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



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



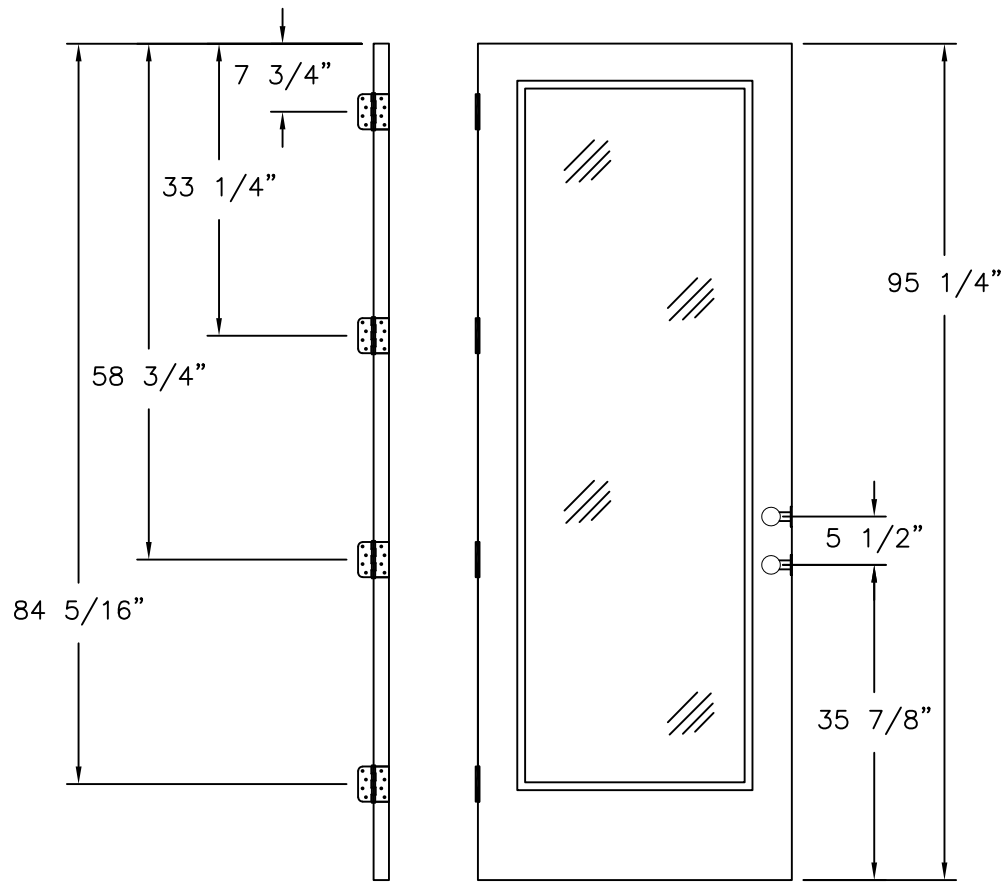
LOCK AND HINGES LOCATIONS
6'8" UNIT, WITH HANDLE, FULL LITE, 3/4 AND 1/2 LITE PANEL

SIGNED: 02/03/2025

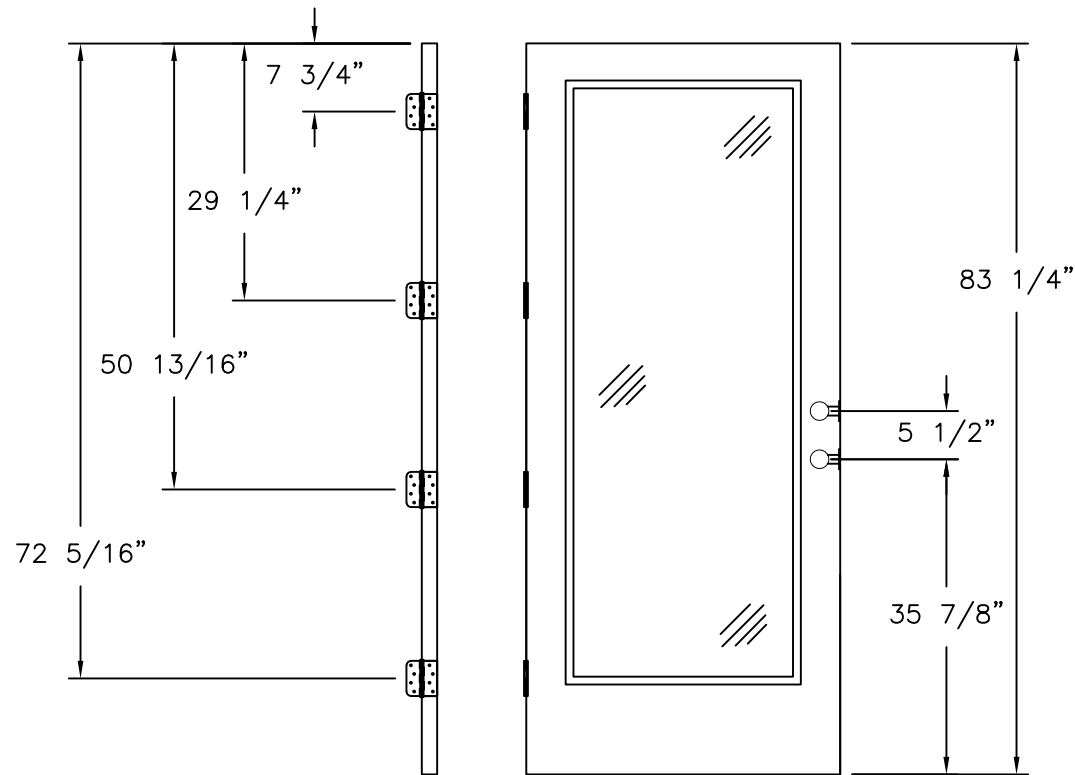
NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SLPS PATIO DOOR LITE 8'0 OUTSWING LARGE MISSILE IMPACT – HVHZ INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 17 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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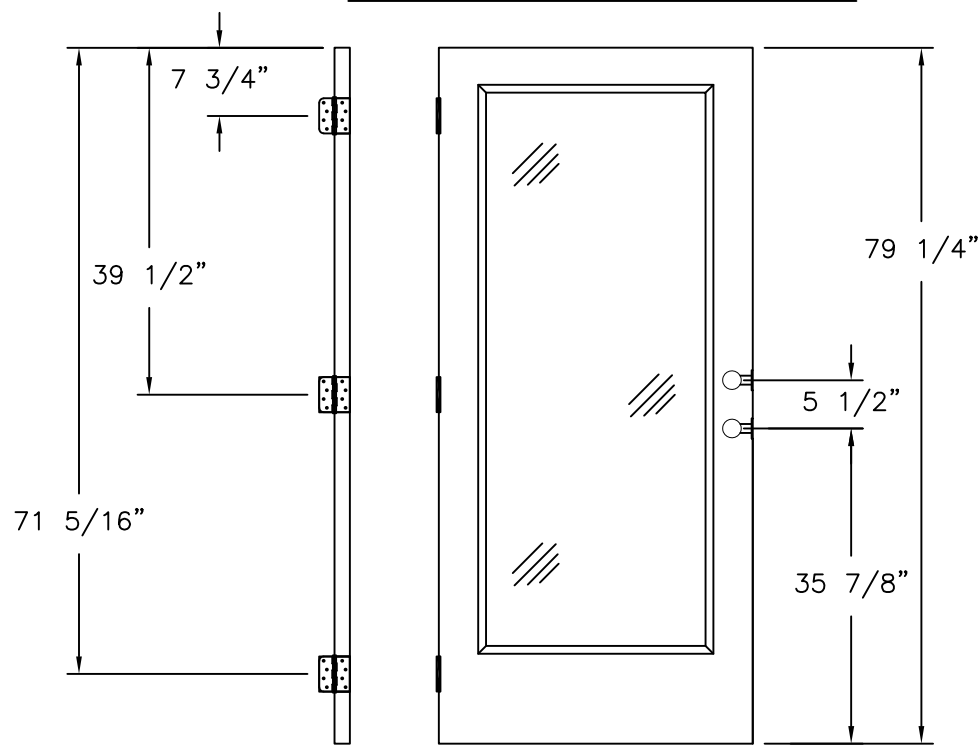
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.



LOCK AND HINGES LOCATIONS
8' UNIT, WITH LATCH AND DEADBOLT,
FULL LITE AND 3/4 LITE PANELS



LOCK AND HINGES LOCATIONS
7' UNIT, WITH LATCH AND DEADBOLT,
FULL LITE AND 3/4 LITE PANELS



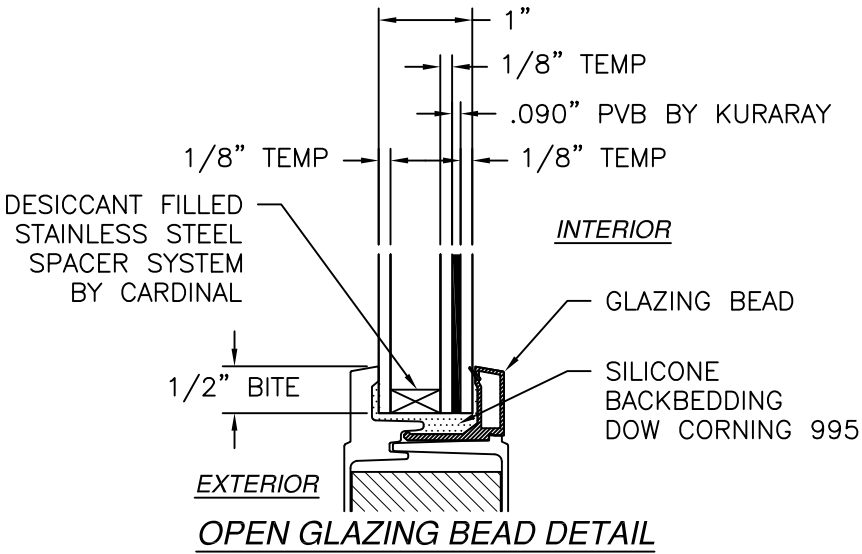
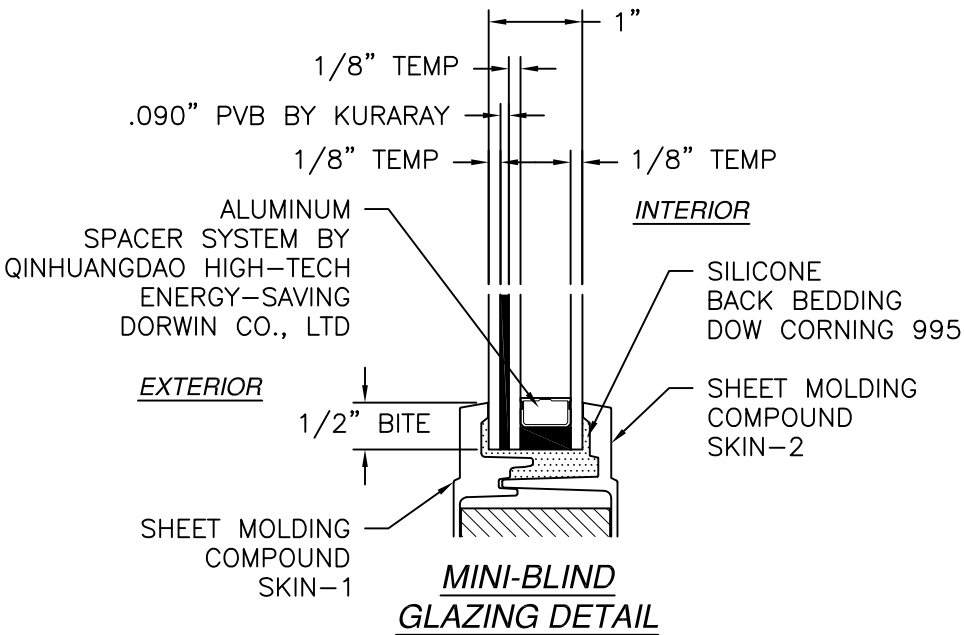
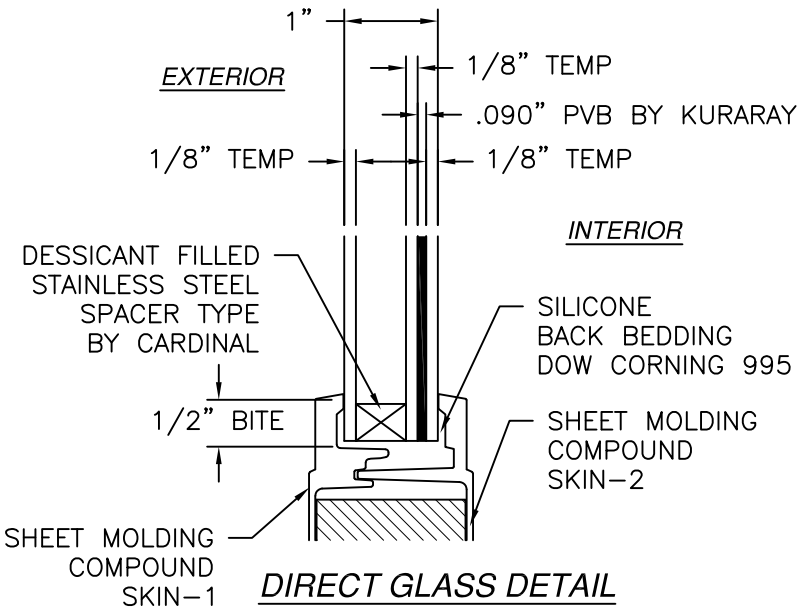
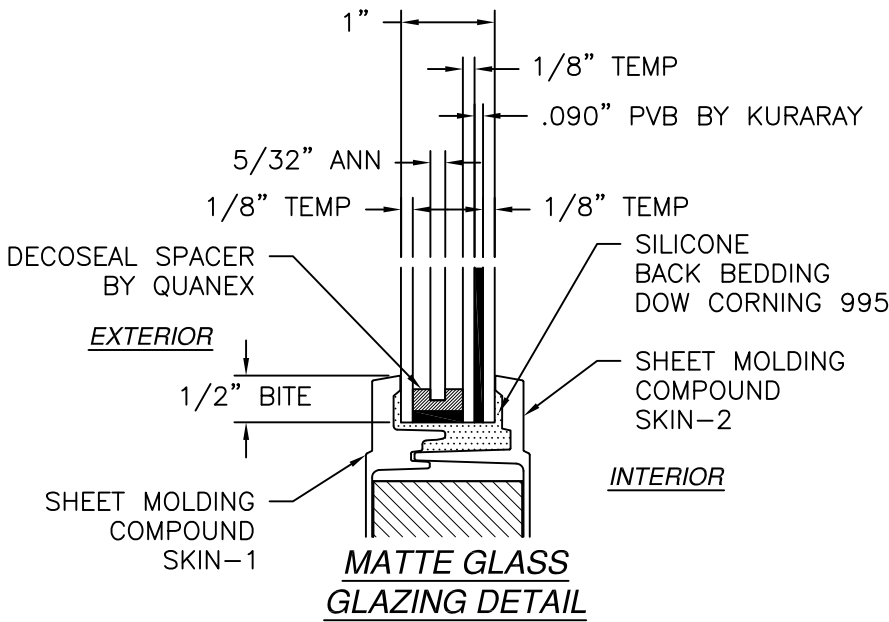
LOCK AND HINGES LOCATIONS
6'8" UNIT, WITH LATCH AND DEADBOLT,
FULL LITE AND 3/4 LITE PANELS

SIGNED: 02/03/2025

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 INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 18 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	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. 08-03323

REV G

SCALE NTS

DATE 09/27/18

SHEET 19 OF 23

L. ROBERTO LOMAS P.E.

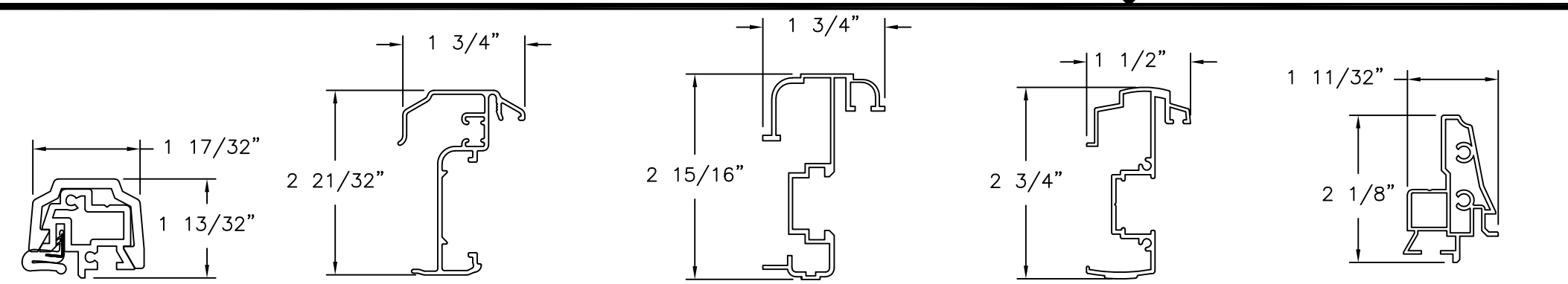
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@rlomaspe.com

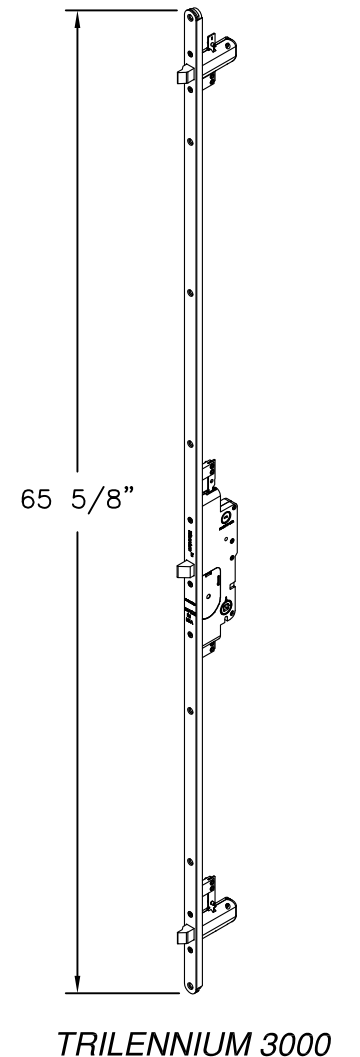
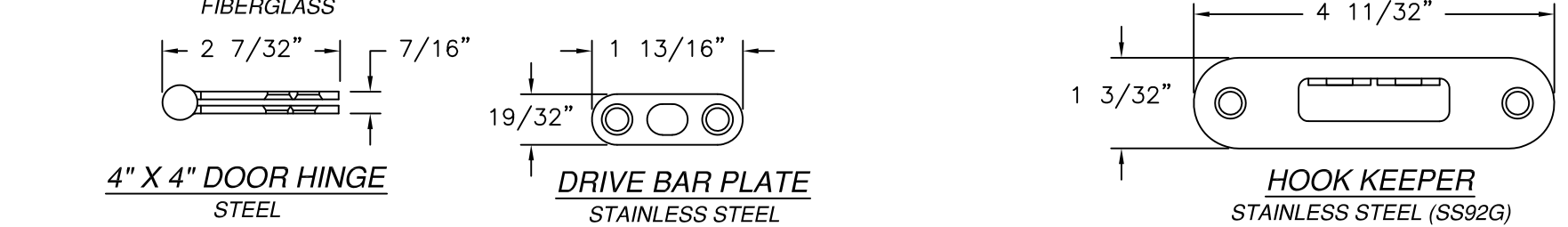
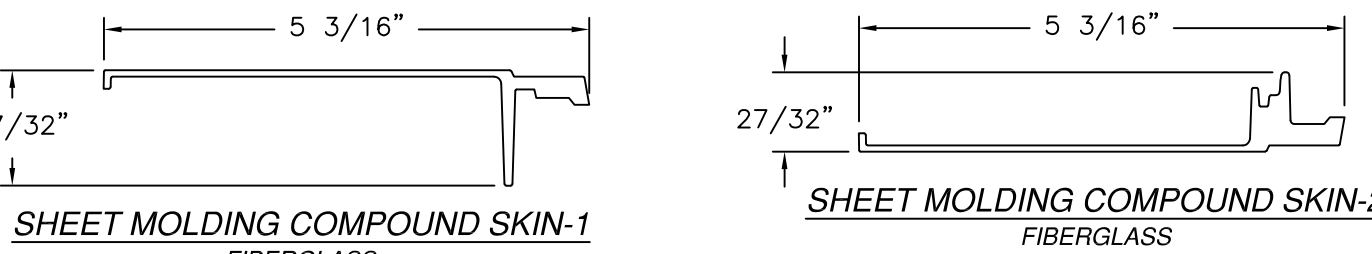
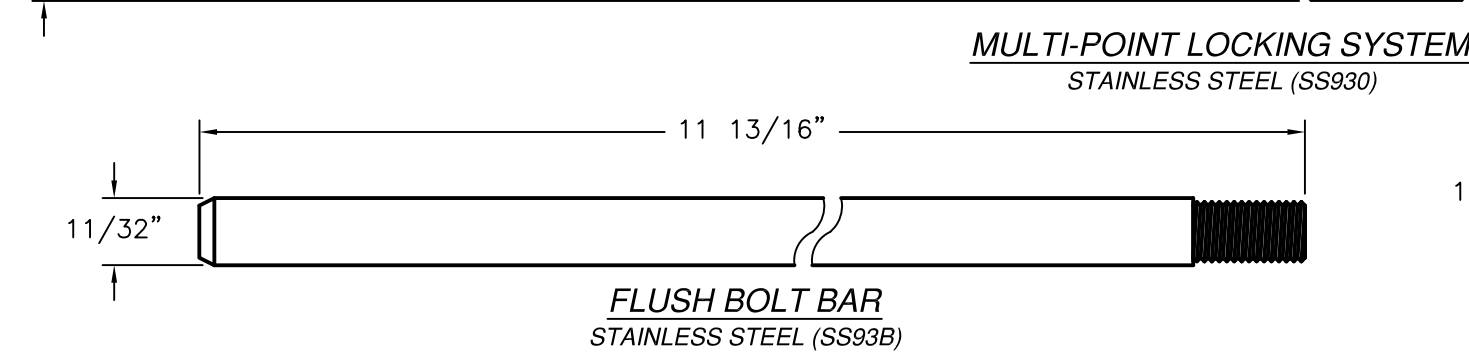
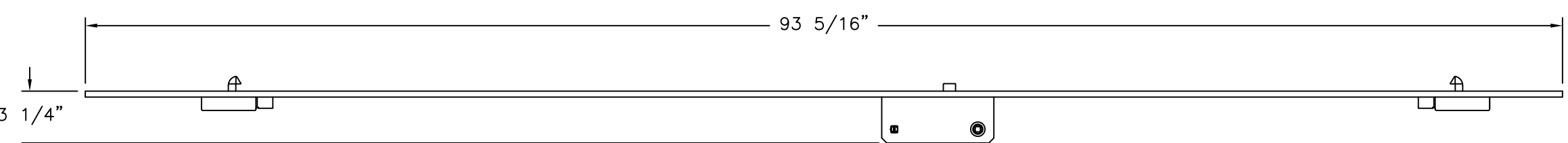
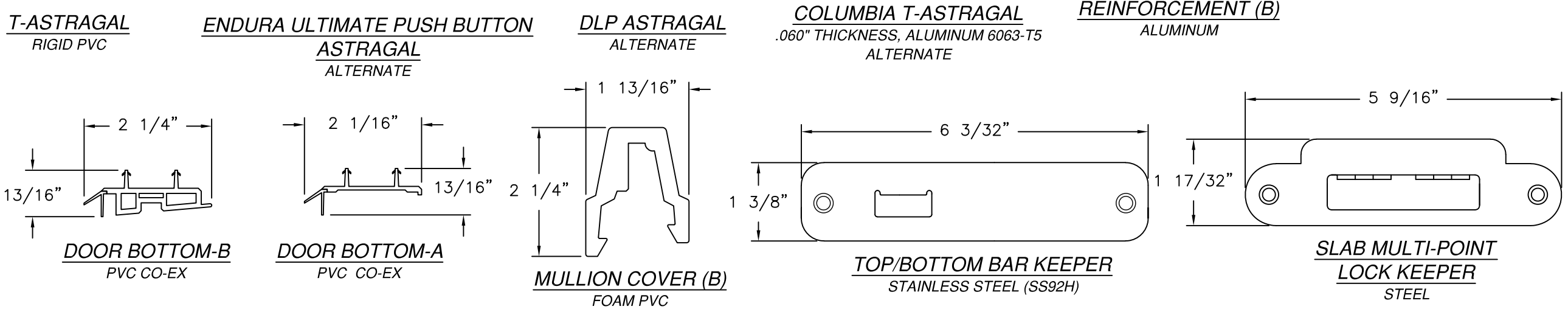
SIGNED: 02/03/2025

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

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	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.
08-03323

REV
G

SCALE
NTS

DATE
09/27/18

SHEET
20 OF 23

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

SIGNED: 02/03/2025

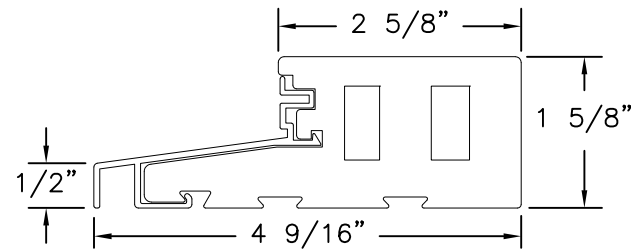
LUIS R. LOMAS

FLORIDA

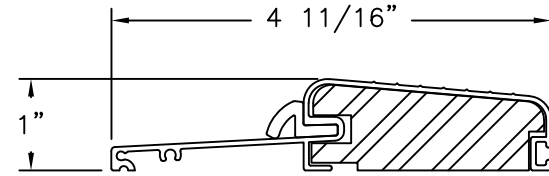
PROFESSIONAL ENGINEER

No. 62514

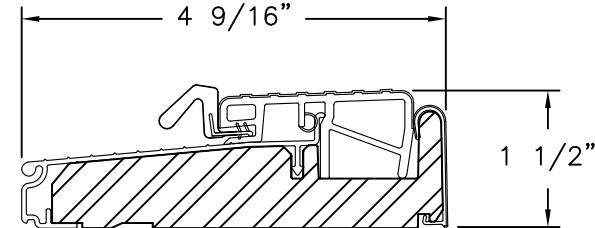
Luis R. Lomas P.E.
FL No.: 62514



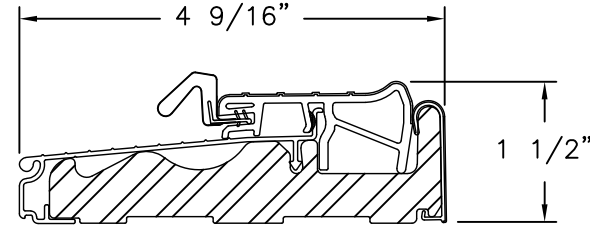
DOOR SILL
FOAM PVC CO-EX & ALUMINUM



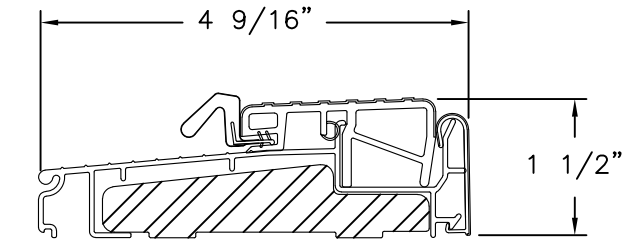
COLUMBIA THRESHOLD 575
ALTERNATE



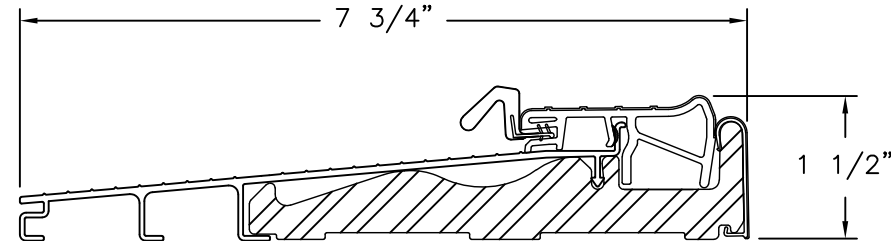
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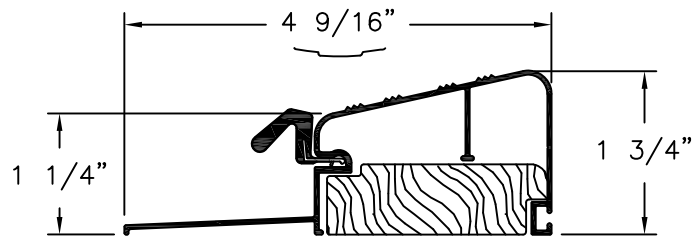
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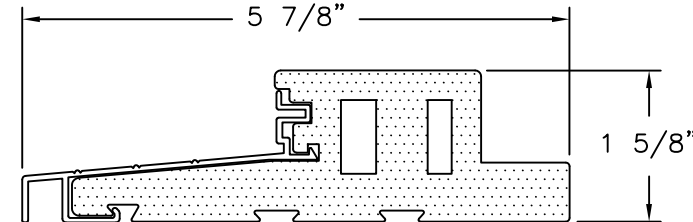
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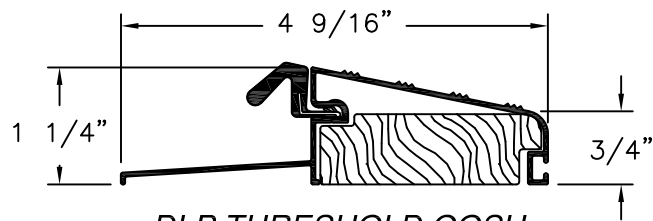
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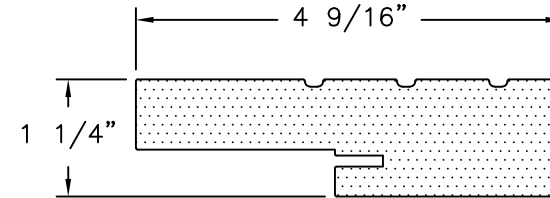
DLP THRESHOLD QOSR
ALTERNATE



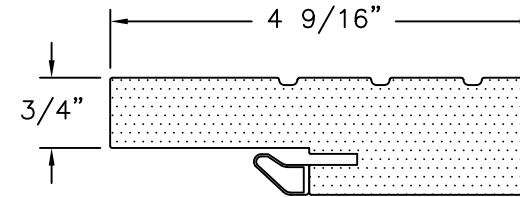
NEUMA SILL
ALTERNATE



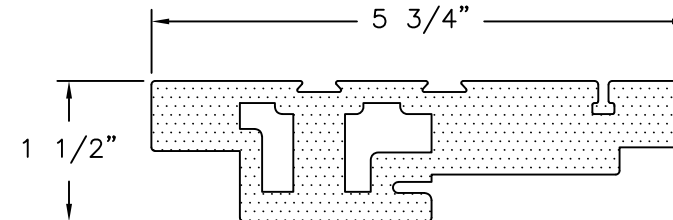
DLP THRESHOLD QOSH
ALTERNATE



FRAME STANDARD
COMPOSITE



FRAME SOFT PVC
FOAM PVC CO-EX



NEUMA HEAD FRAME & JAMB
COMPOSITE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.

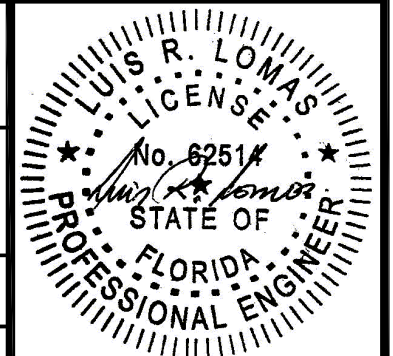
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NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 21 OF 23

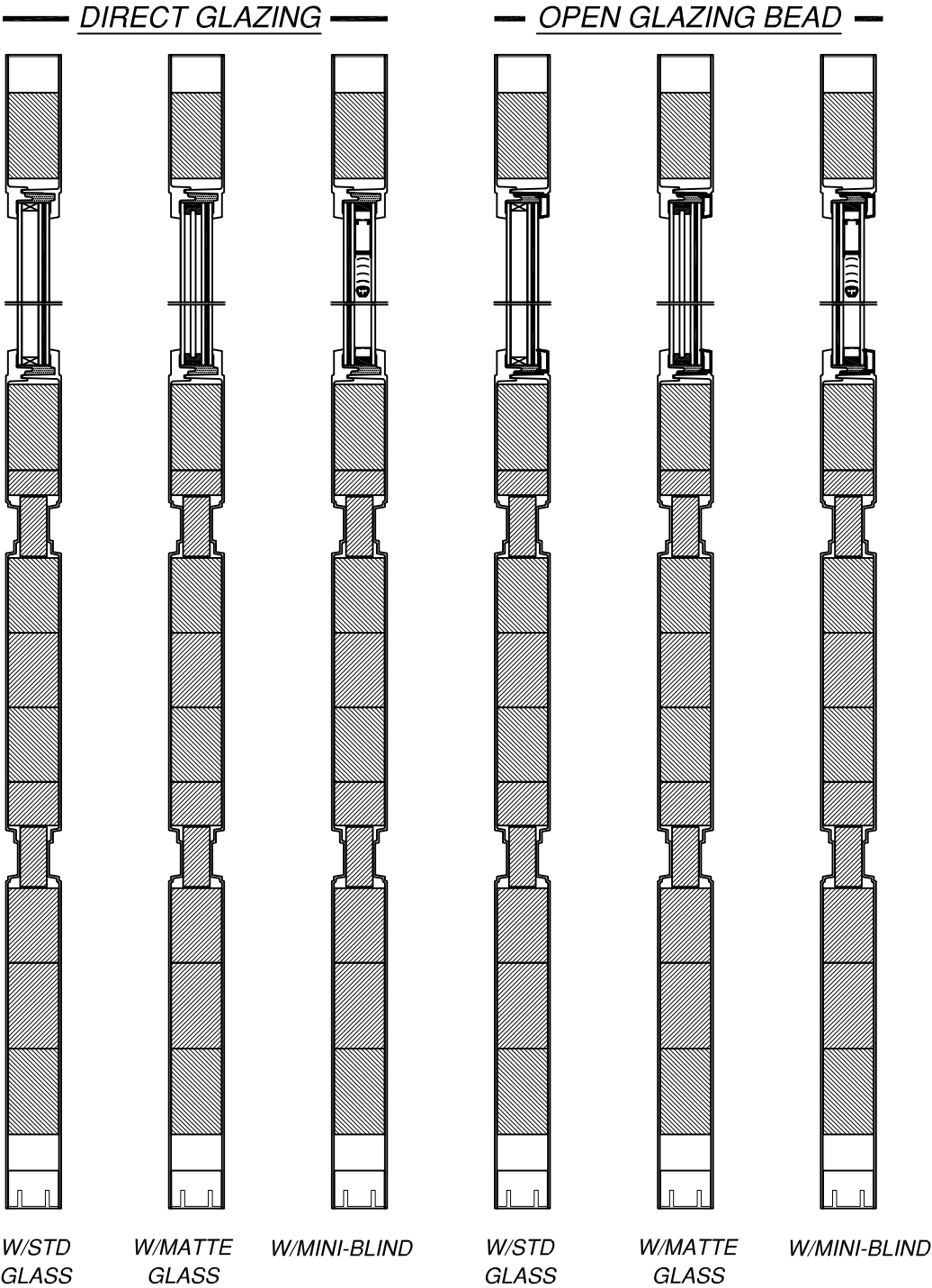
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



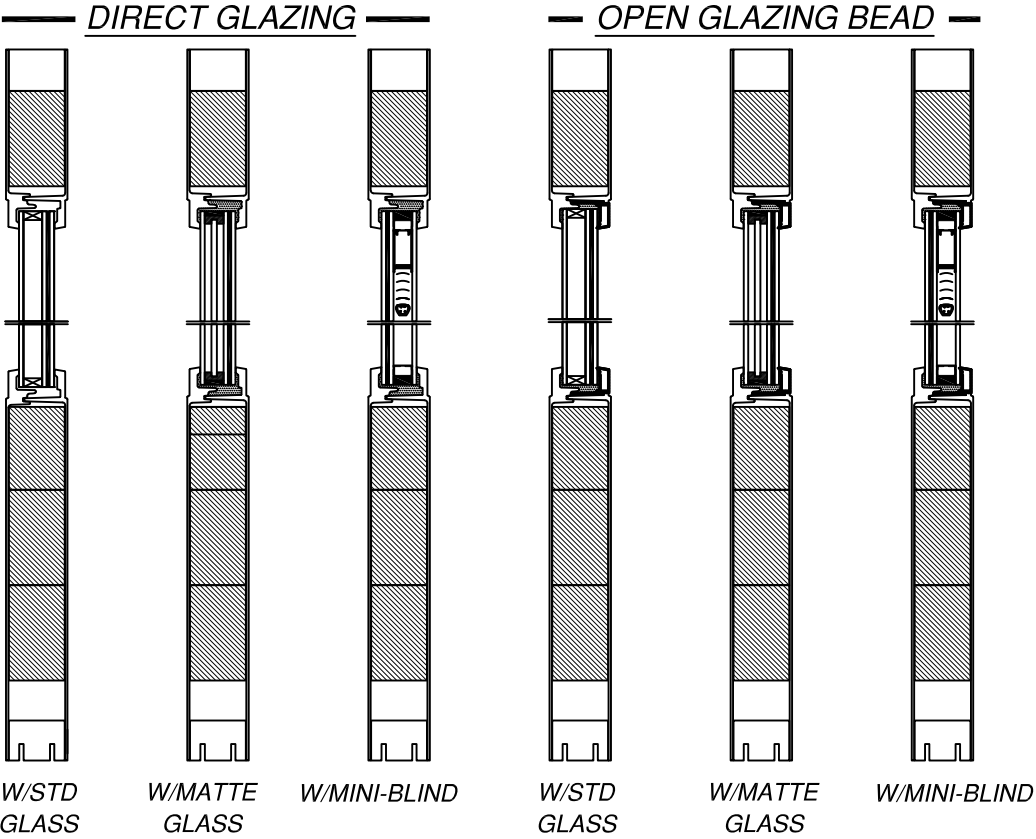
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.

APPROVED PANEL CONFIGURATIONS
3/4 LITE

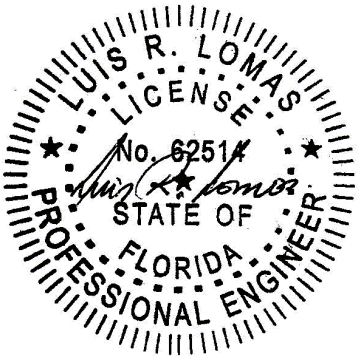


APPROVED PANEL CONFIGURATIONS
FULL LITE



SIGNED: 02/03/2025

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. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 22 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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

APPROVED PANEL CONFIGURATIONS
1/2 LITE

DIRECT GLAZING

OPEN GLAZING BEAD



W/STD
GLASS



W/MATTE
GLASS



W/MINI-BLIND



W/STD
GLASS



W/MATTE
GLASS



W/MINI-BLIND

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	ADD HALF LITE CONFIGURATION	02/03/2025	R.L.

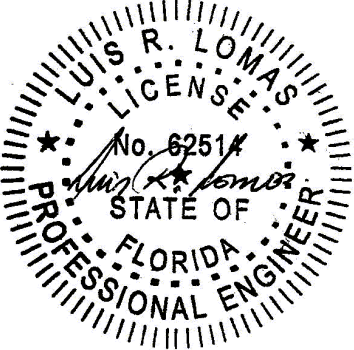
SIGNED: 02/03/2025

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. 08-03323	REV G
SCALE NTS	DATE 09/27/18	SHEET 23 OF 23

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