

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 17 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING INTO MASONRY/CONCRETE USE 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.A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
  - 17.B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - 17.C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER). GROUT FILLED
  - 17.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

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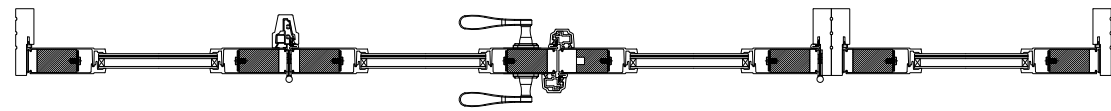
SLPS PATIO DOOR LITE 8'0 OUTSWING  
LARGE MISSILE IMPACT - HVHZ  
NOTES

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 1 OF 20

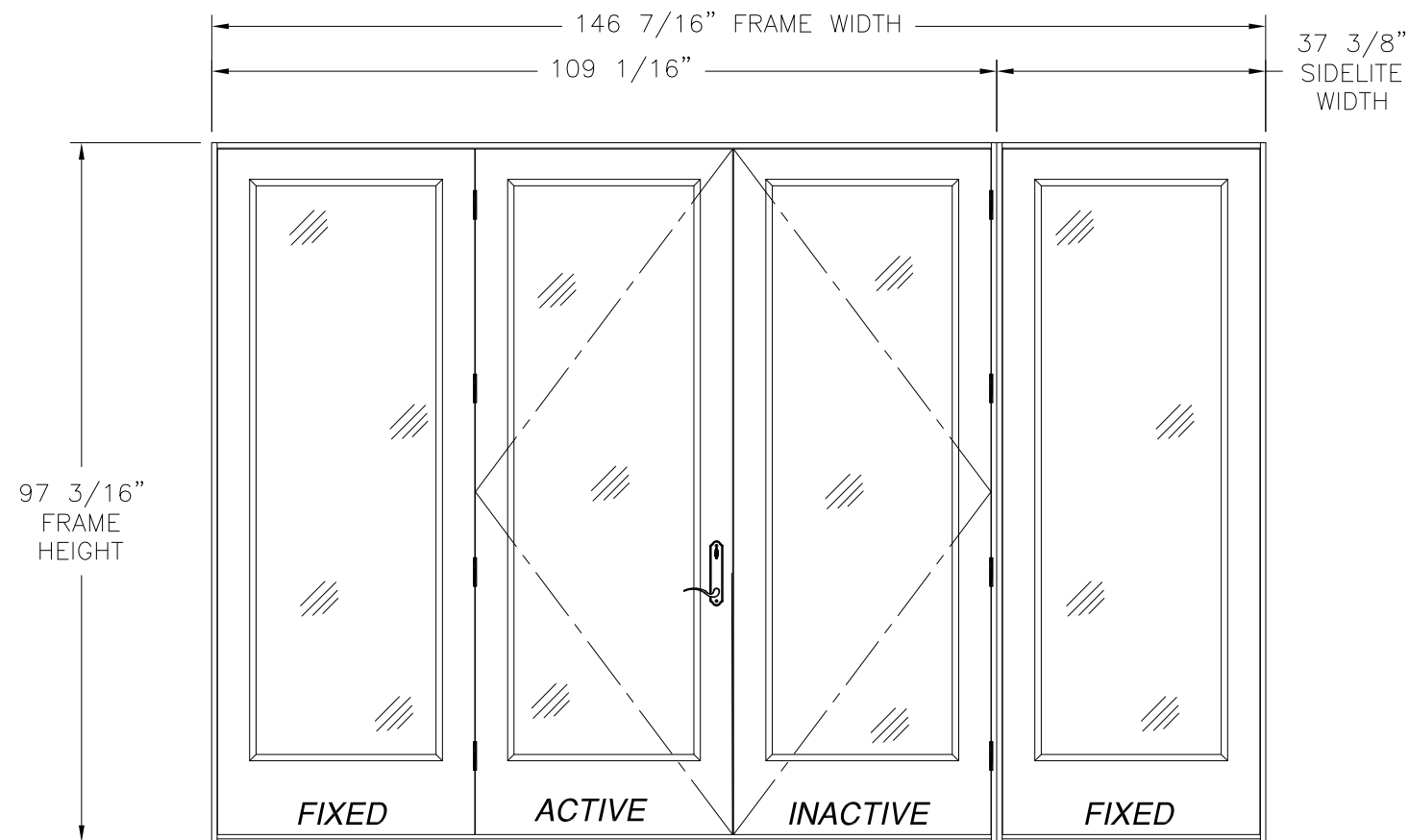
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- NOTES:**
- PANEL SIZE: 35 3/4" X 95 1/4"
  - D.L.O.: 25" X 79"

**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

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

EXTERIOR VIEW, FULL 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
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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 FT<sup>2</sup>

**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

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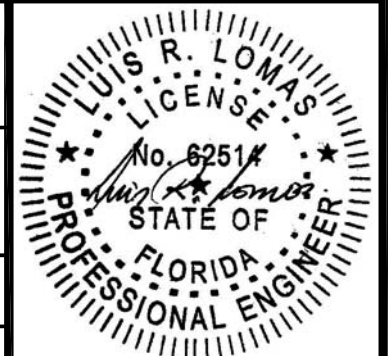
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HOUSTON, TX 77029

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

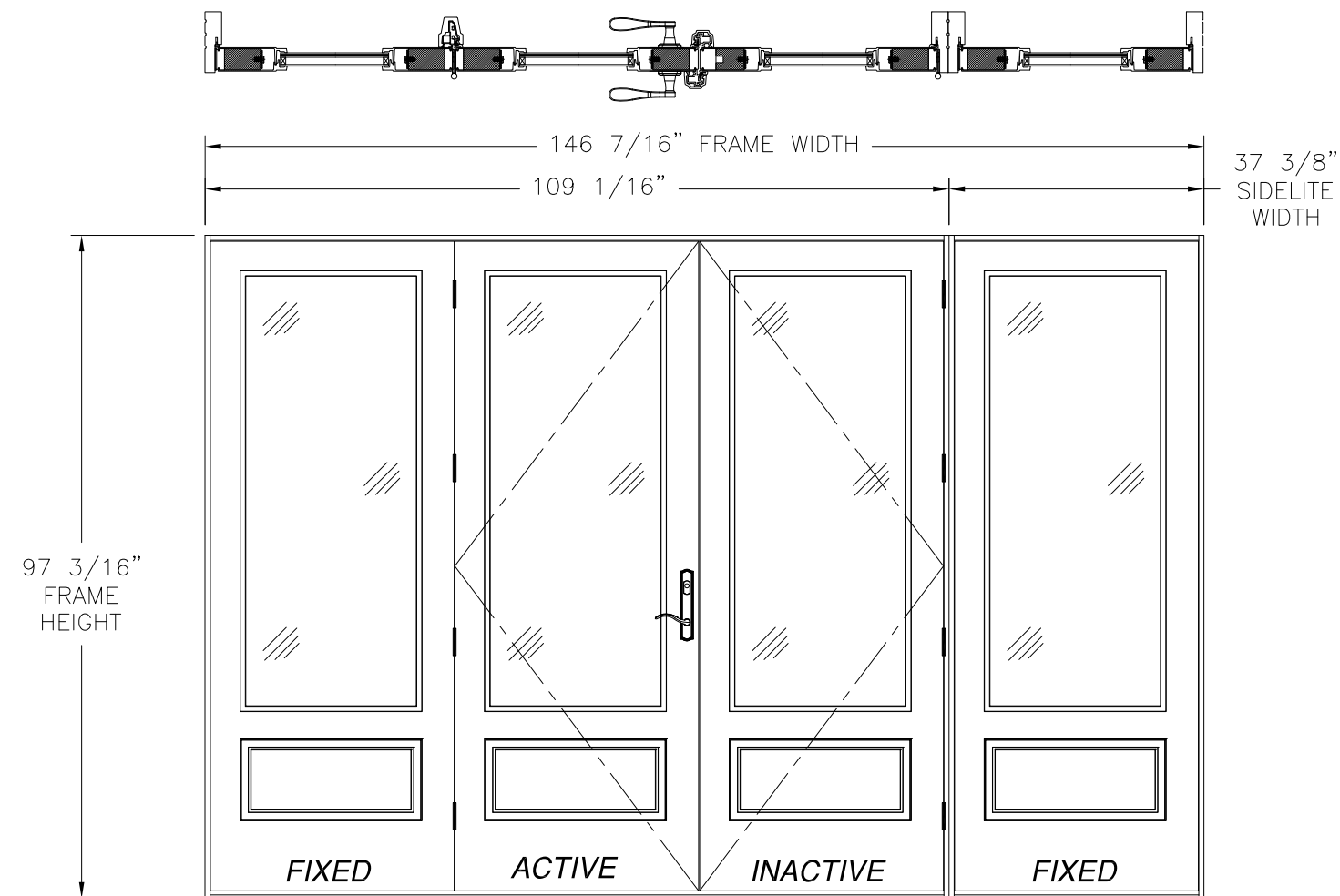
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**SLPS PATIO DOOR LITE 8'0 OUTSWING (OXX/O)**  
EXTERIOR VIEW, 3/4 LITE PANELS

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

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

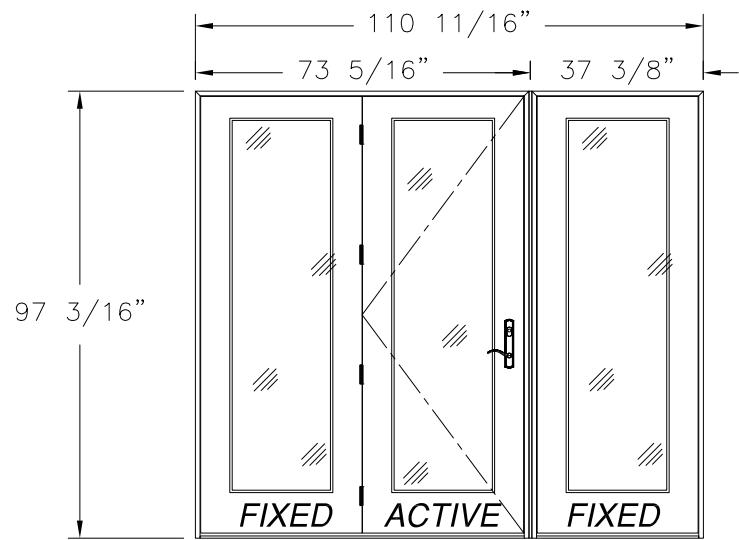
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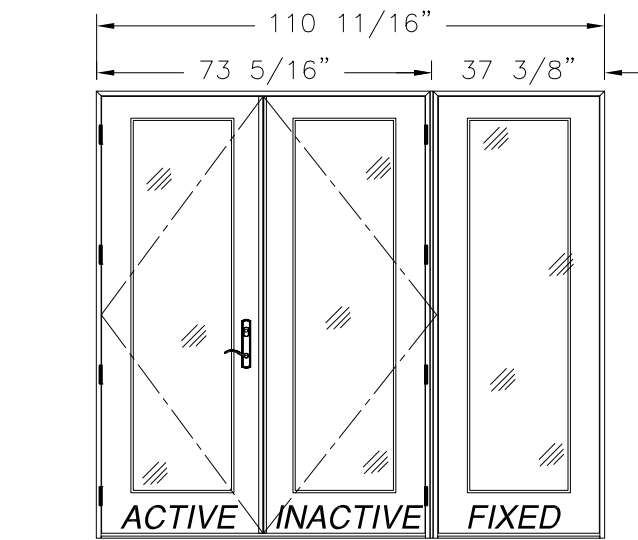
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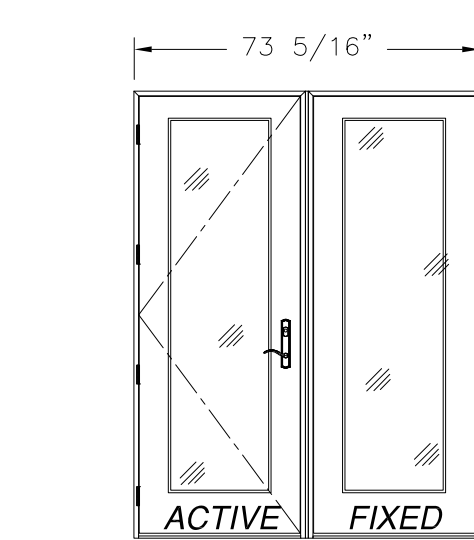
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**SINGLE W/SIDELITE MULL. (OX/O, O/XO)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR

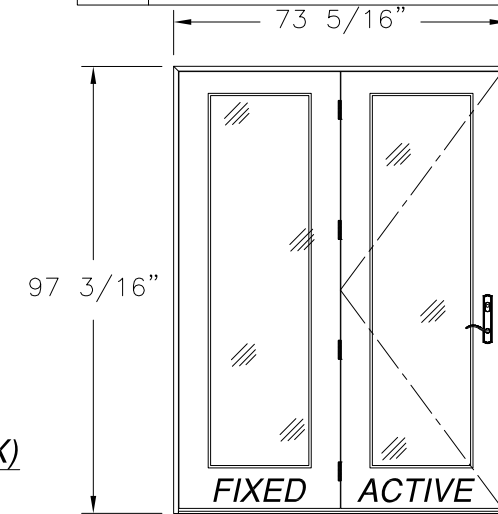


**DOUBLE W/SIDELITE MULL. (XX/O, O/XX)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR

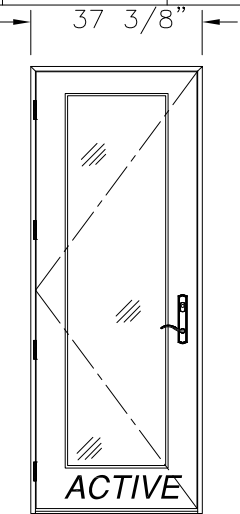


**SINGLE W/SIDELITE MULL. (X/O, O/X)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR

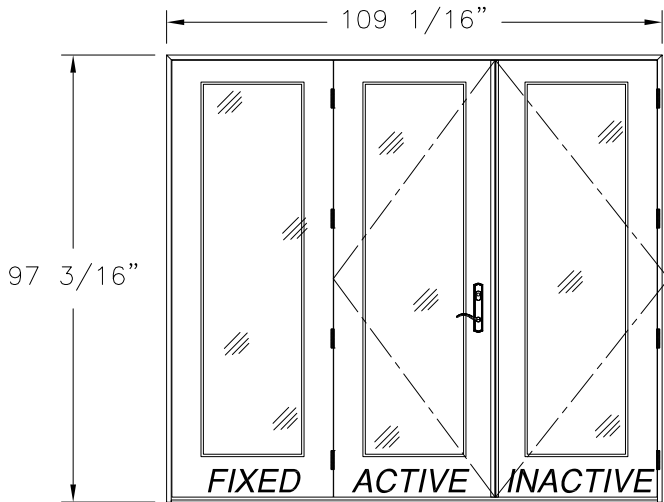
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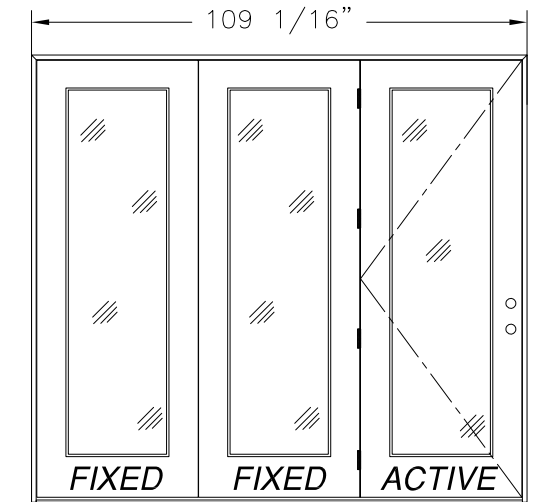
**SINGLE W/SIDELITE (OX, XO)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



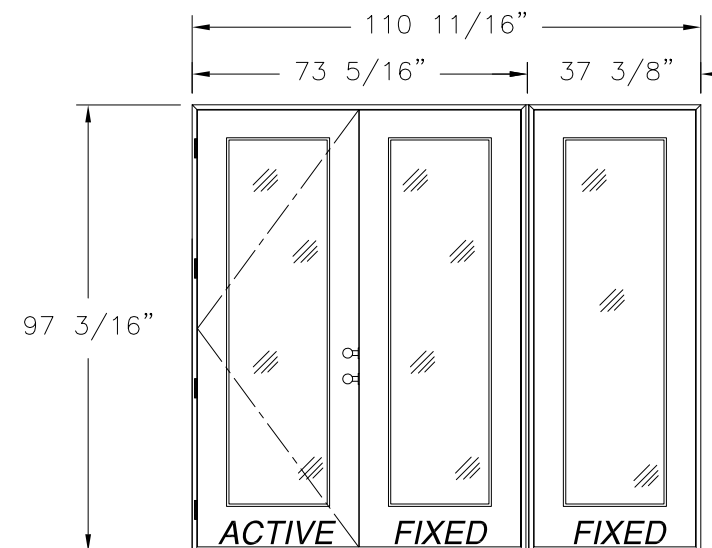
**SINGLE (X)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



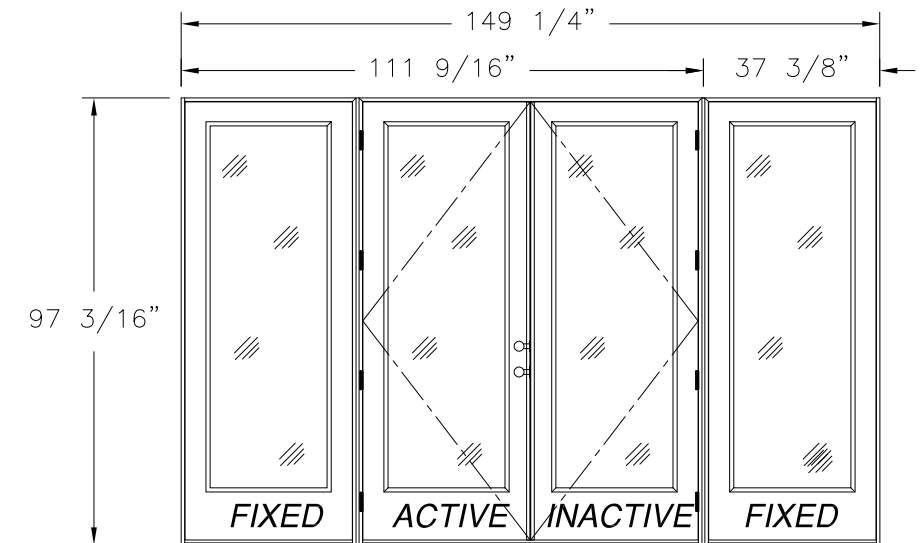
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EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



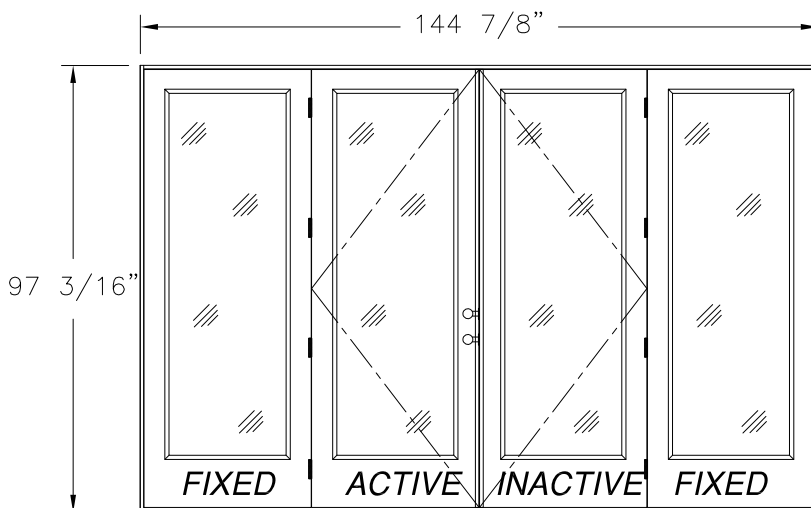
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EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



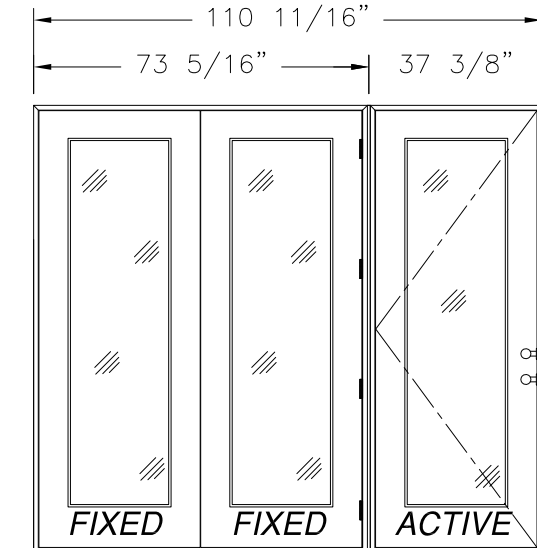
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EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



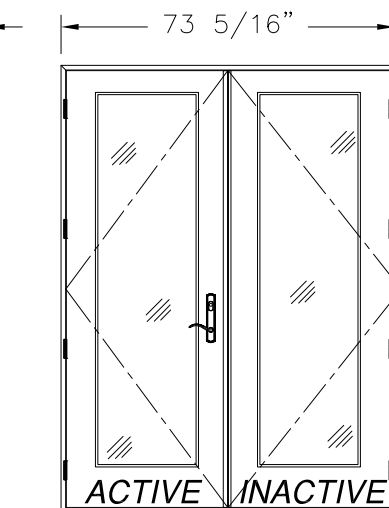
**DOUBLE W/SIDELITES MULL. (O/XX/O)**  
EXTERIOR VIEW  
FULL LITE SHOWN, 3/4 LITE SIMILAR



**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.

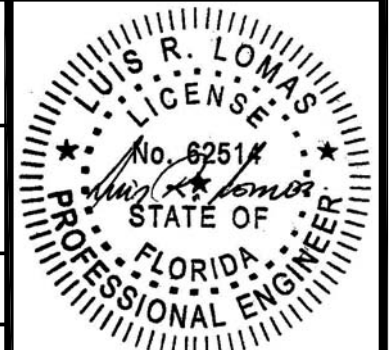
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HOUSTON, TX 77029

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

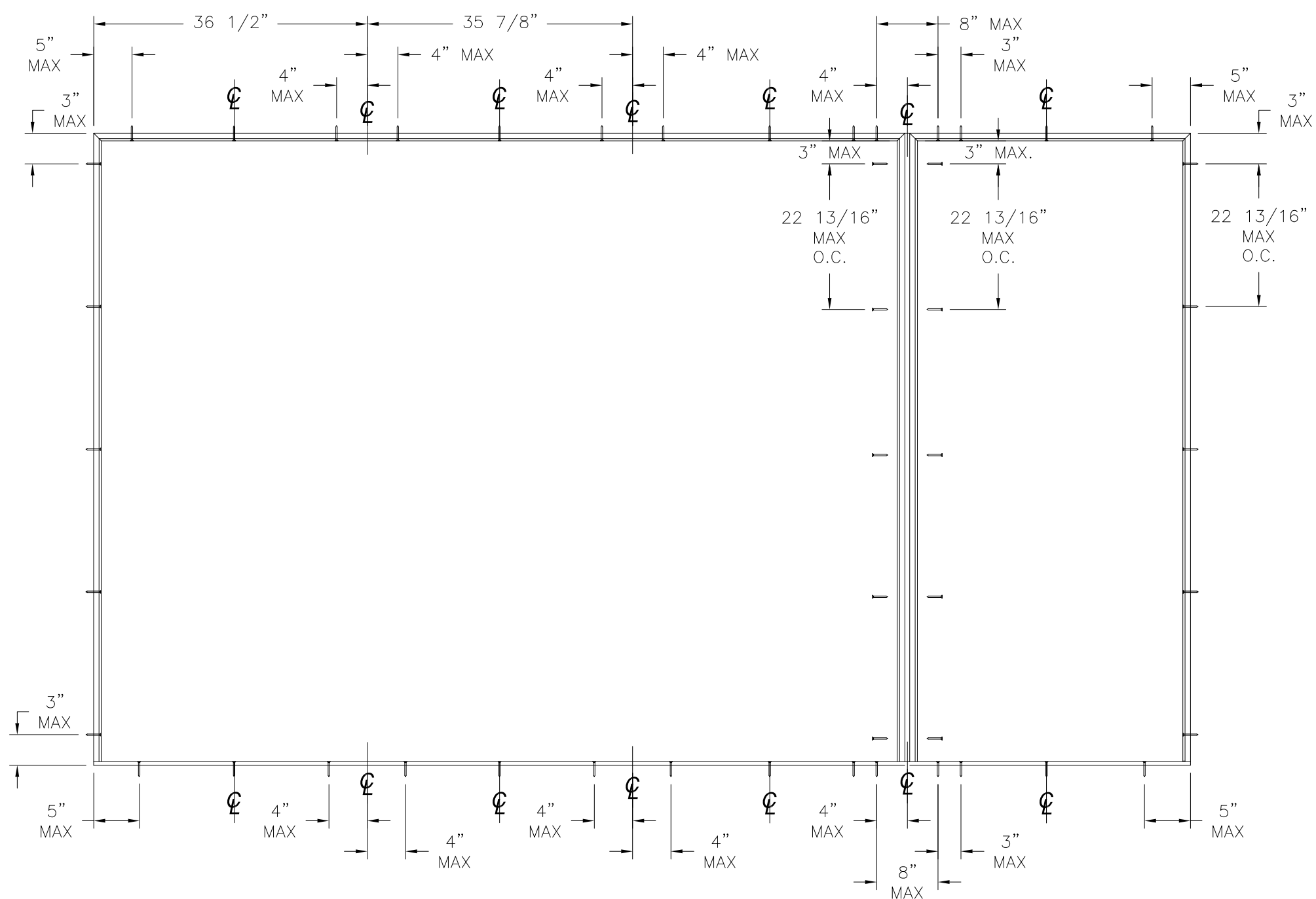
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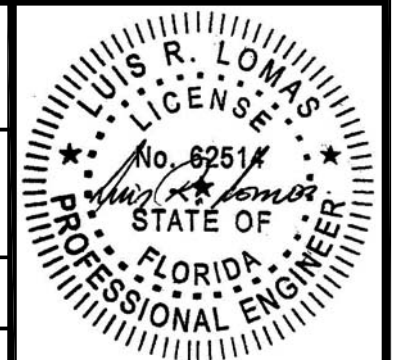
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ANCHORING LAYOUT

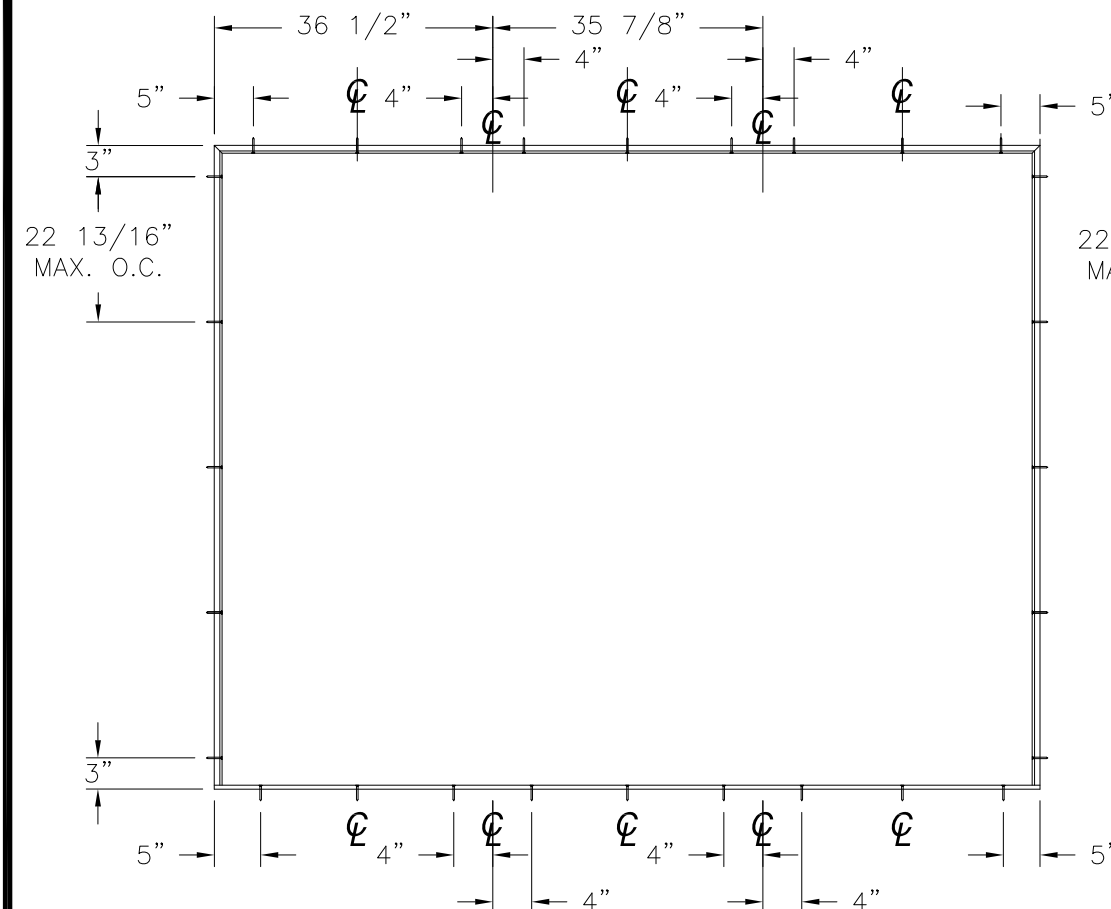
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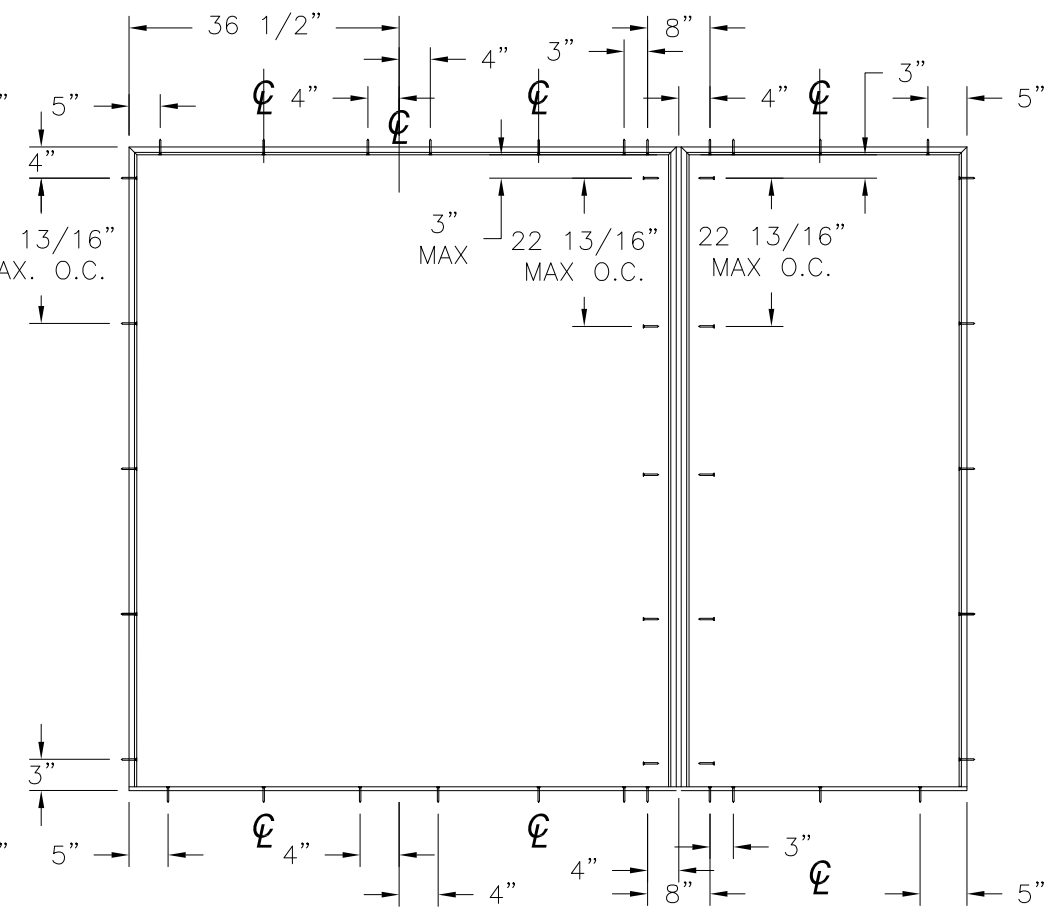


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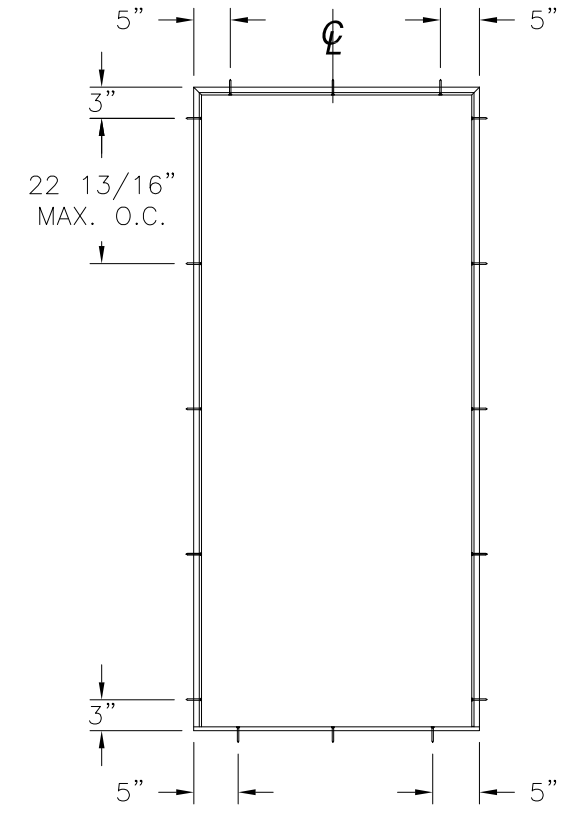
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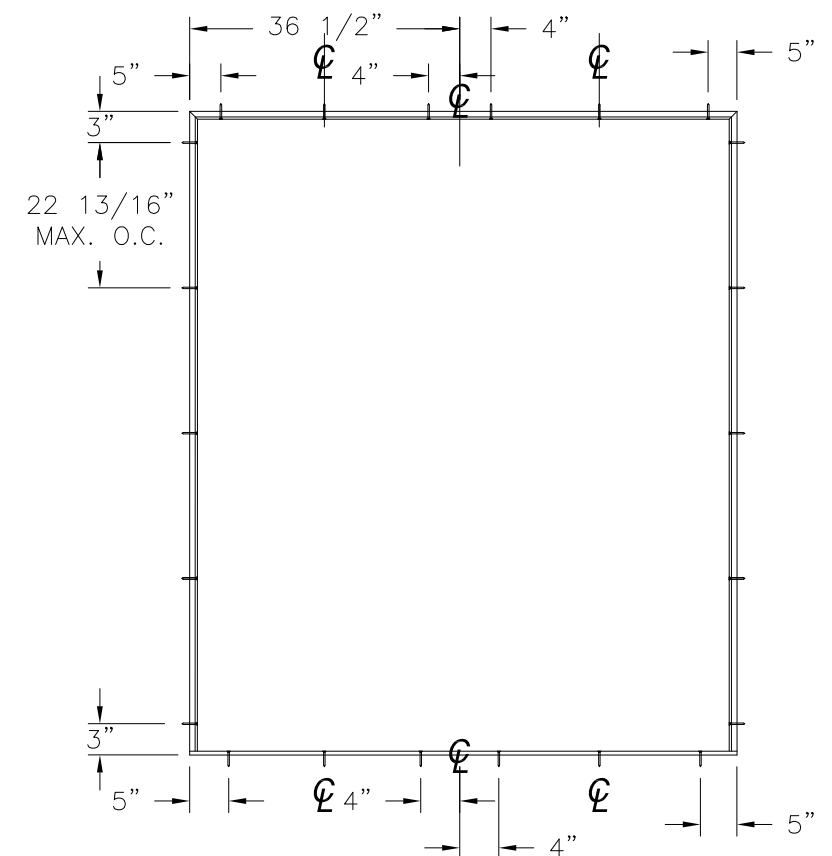
**ANCHORING LAYOUT FOR OXO, XXO AND OXX**



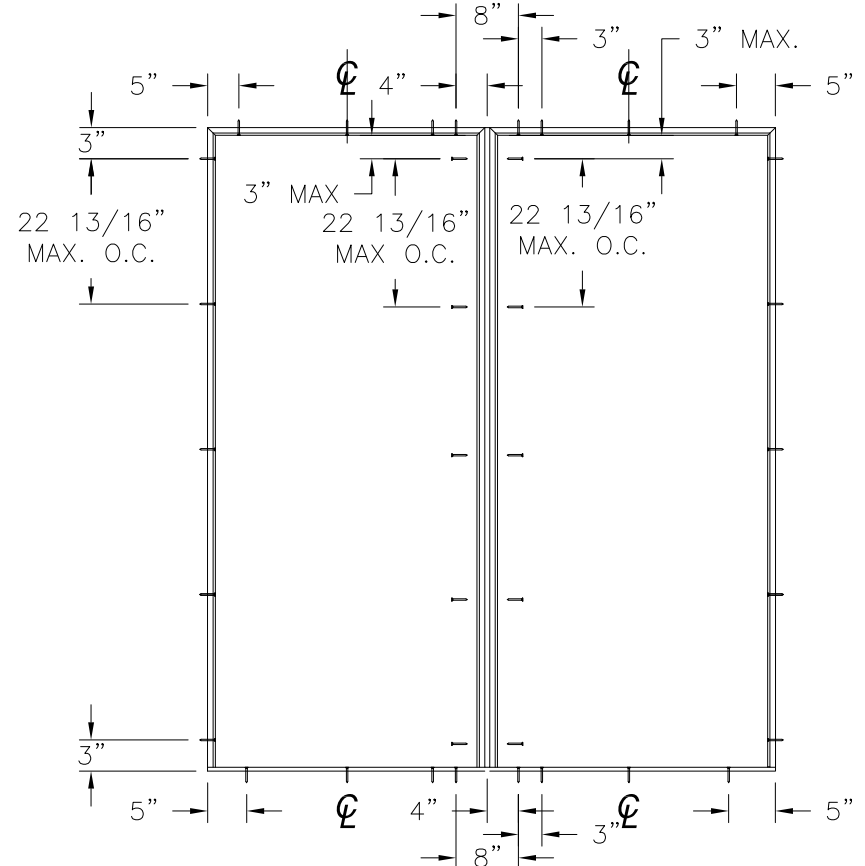
**ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)**



**ANCHORING LAYOUT FOR X**



**ANCHORING LAYOUT FOR XX, OX AND XO**



**ANCHORING LAYOUT FOR OX AND XO (MULL)**

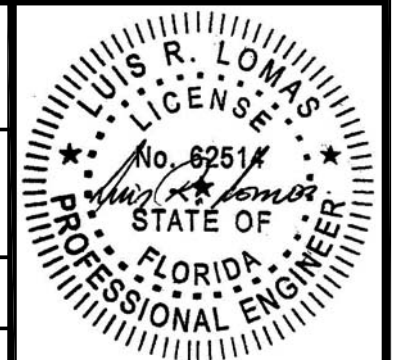
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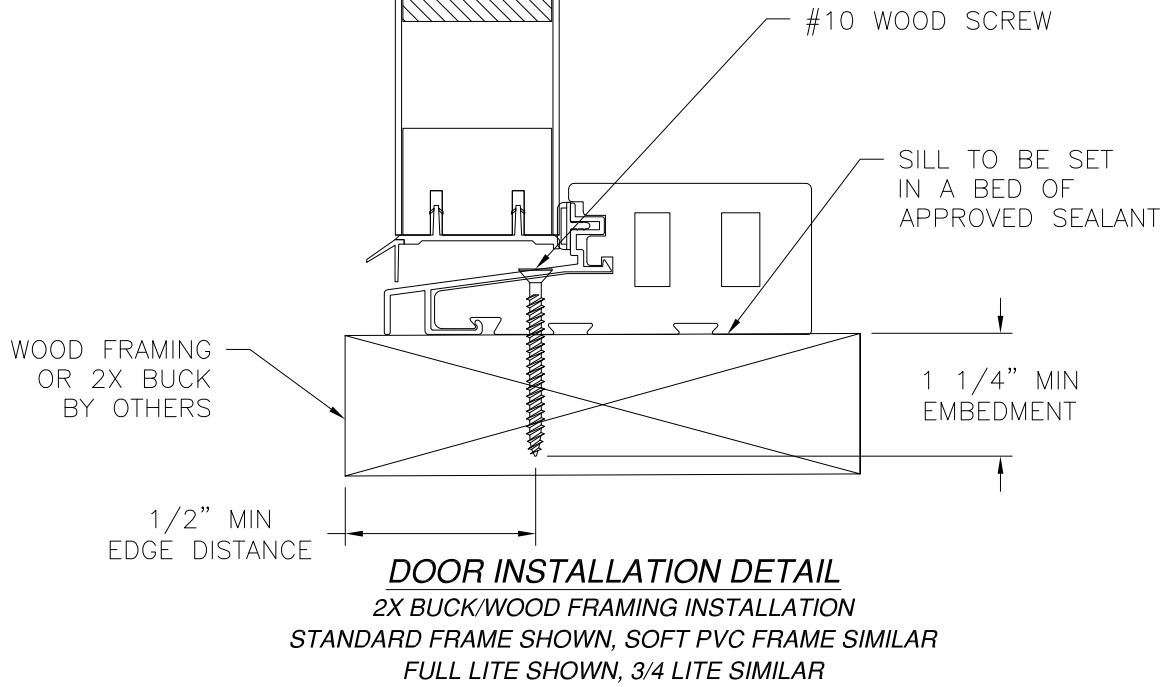
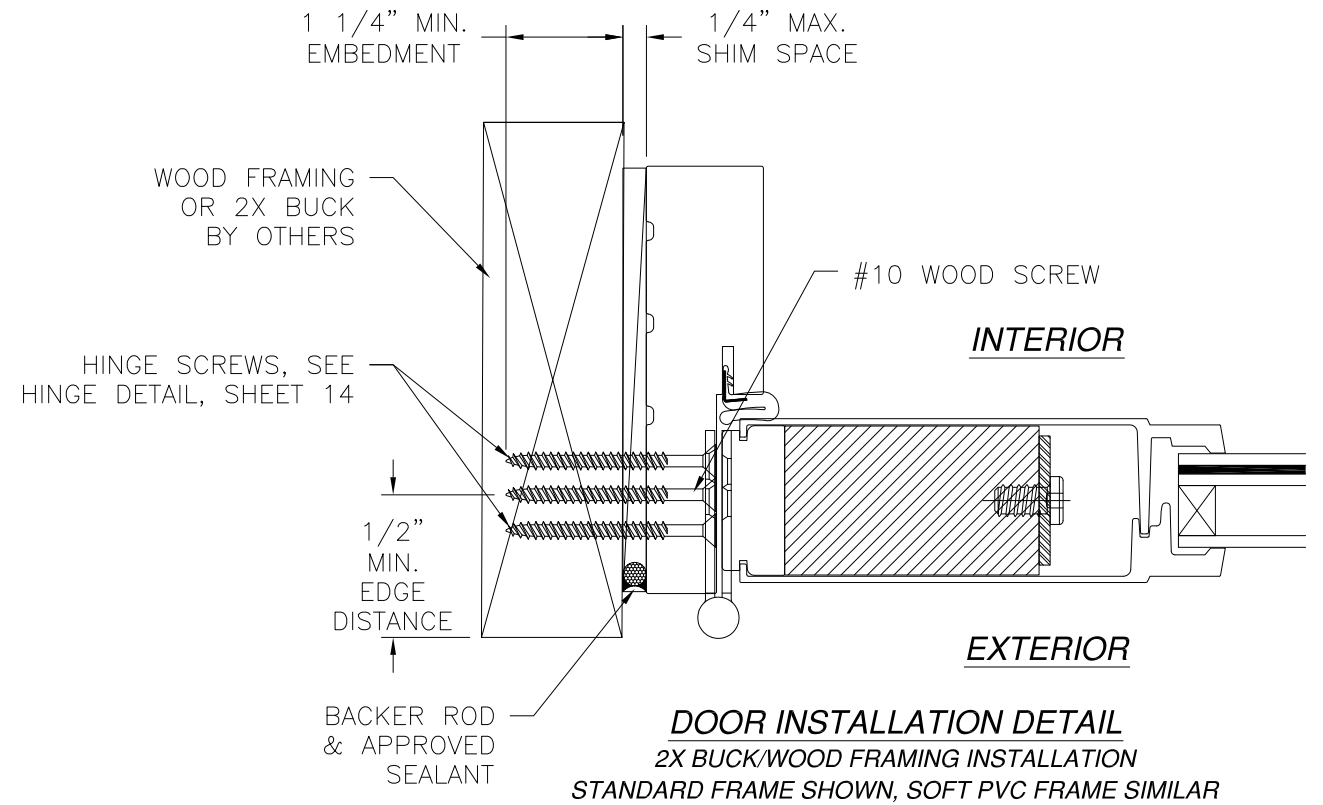
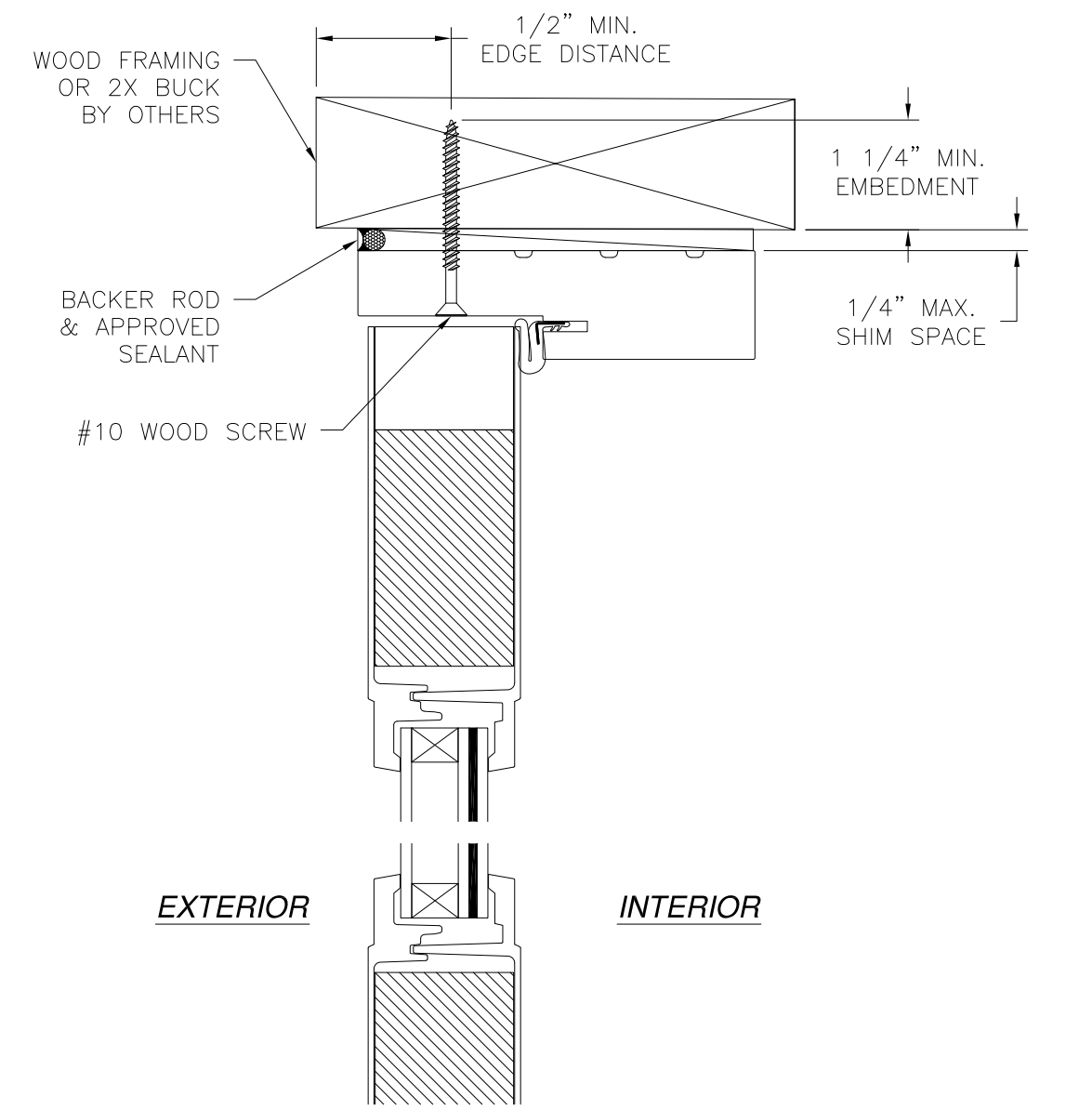
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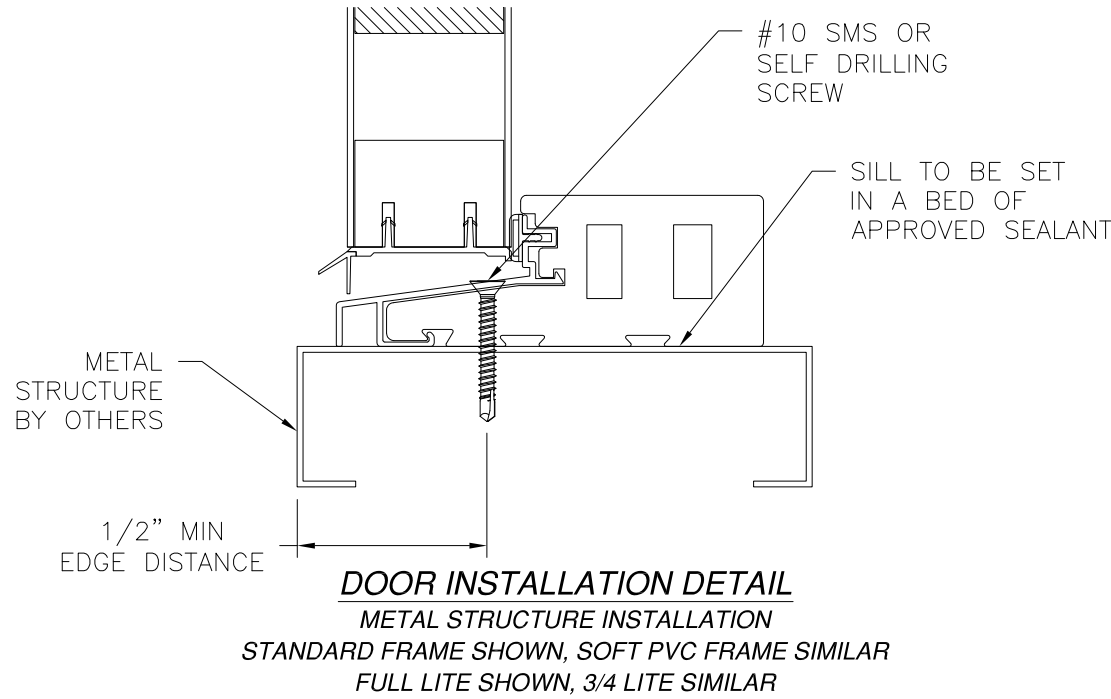
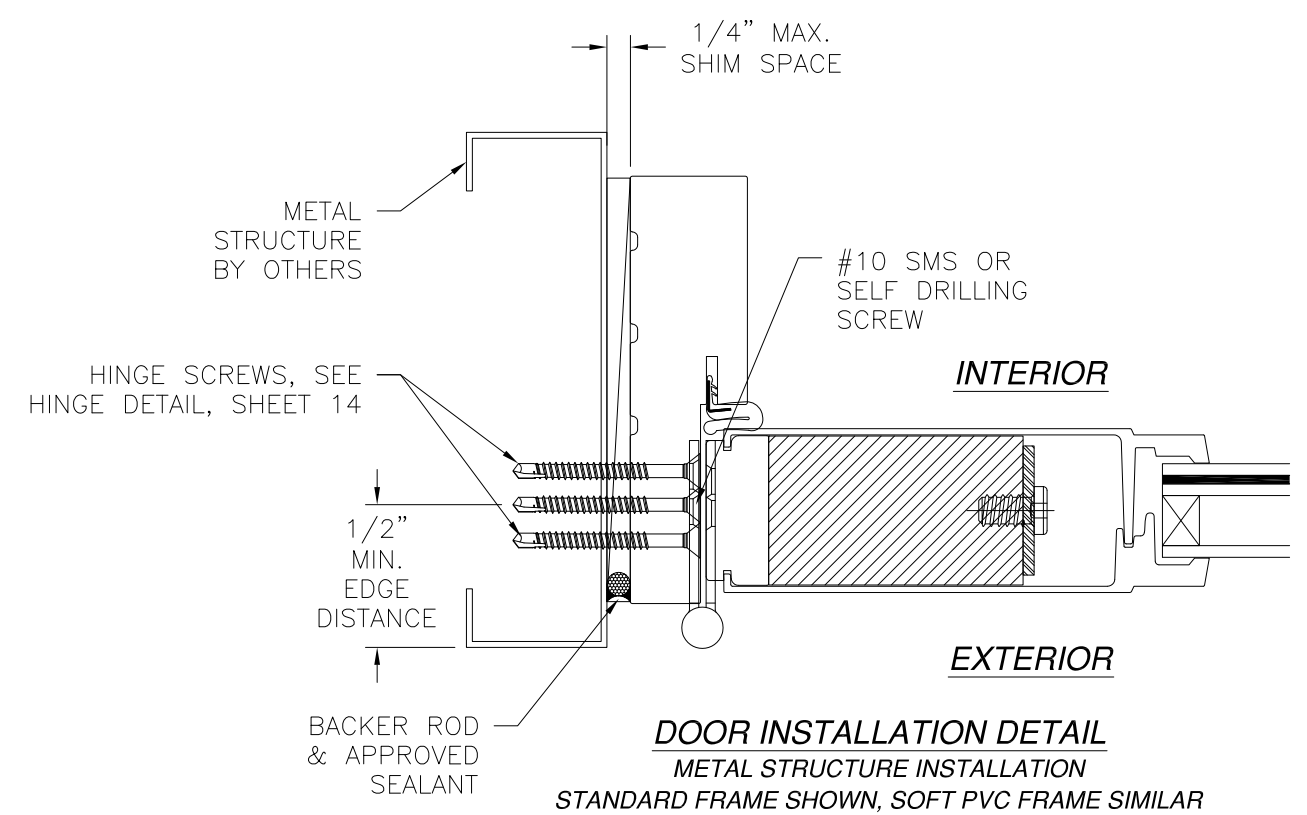
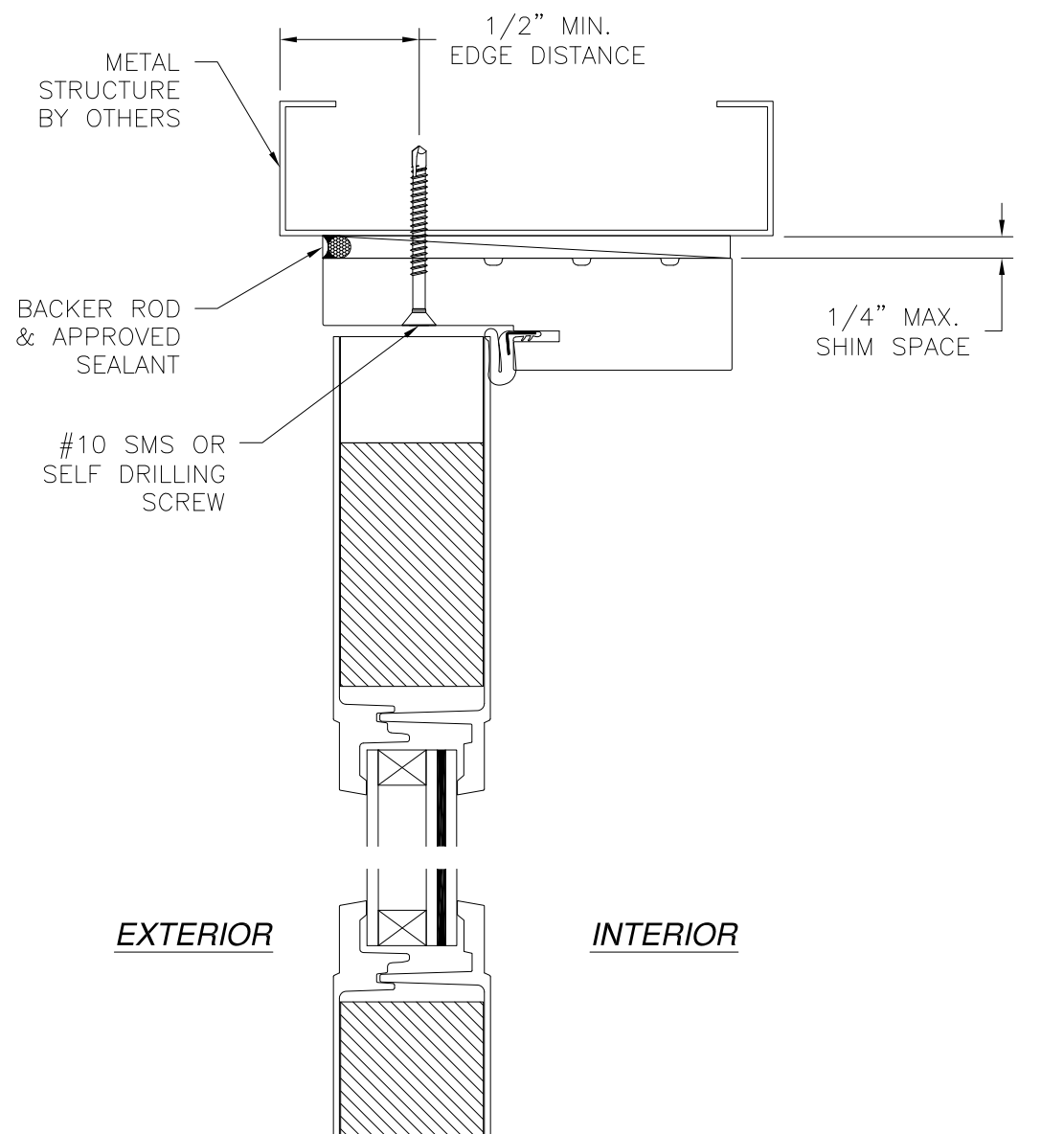
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DOOR INSTALLATION DETAILS

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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  
DOOR INSTALLATION DETAILS

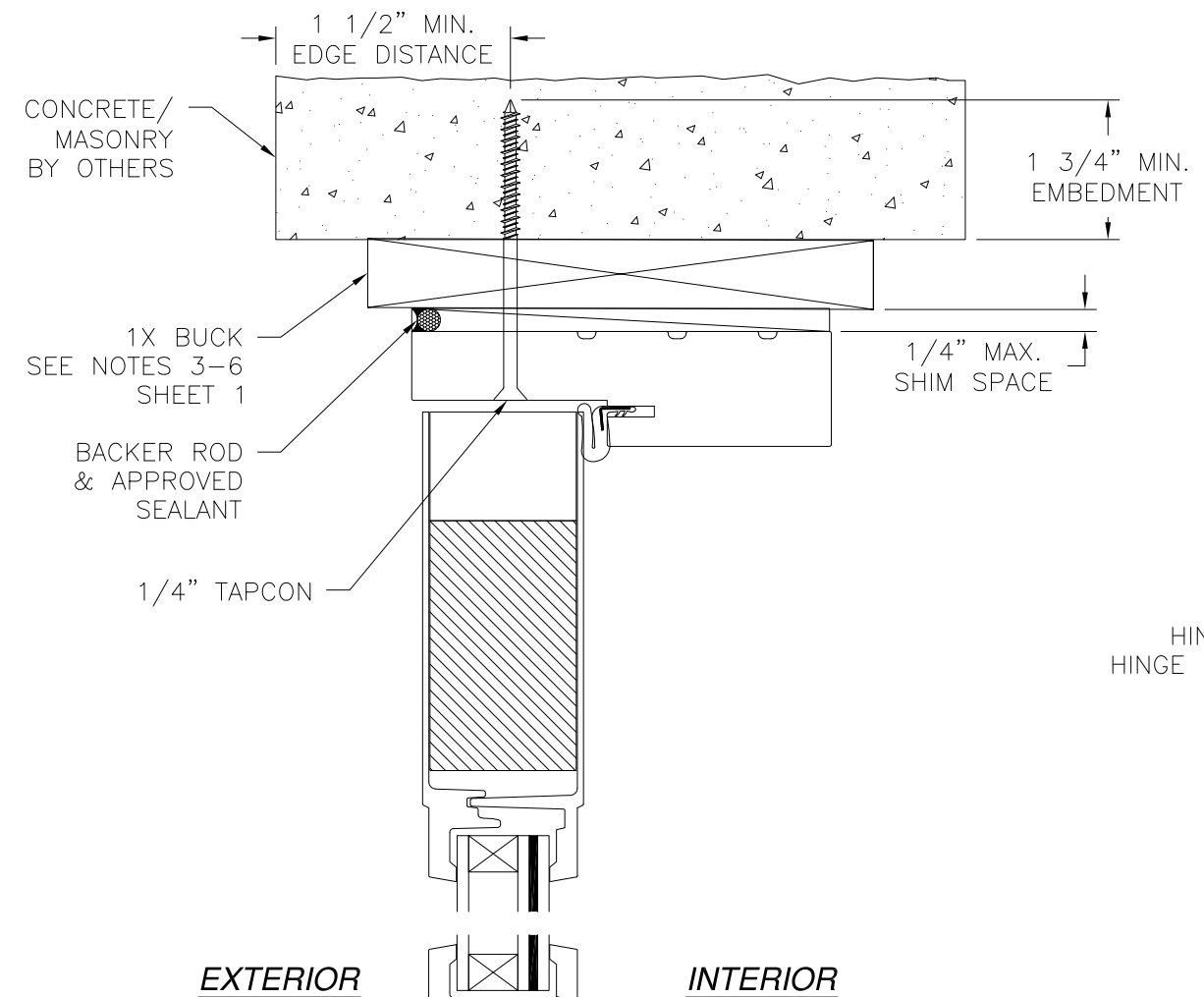
DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 8 OF 20

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

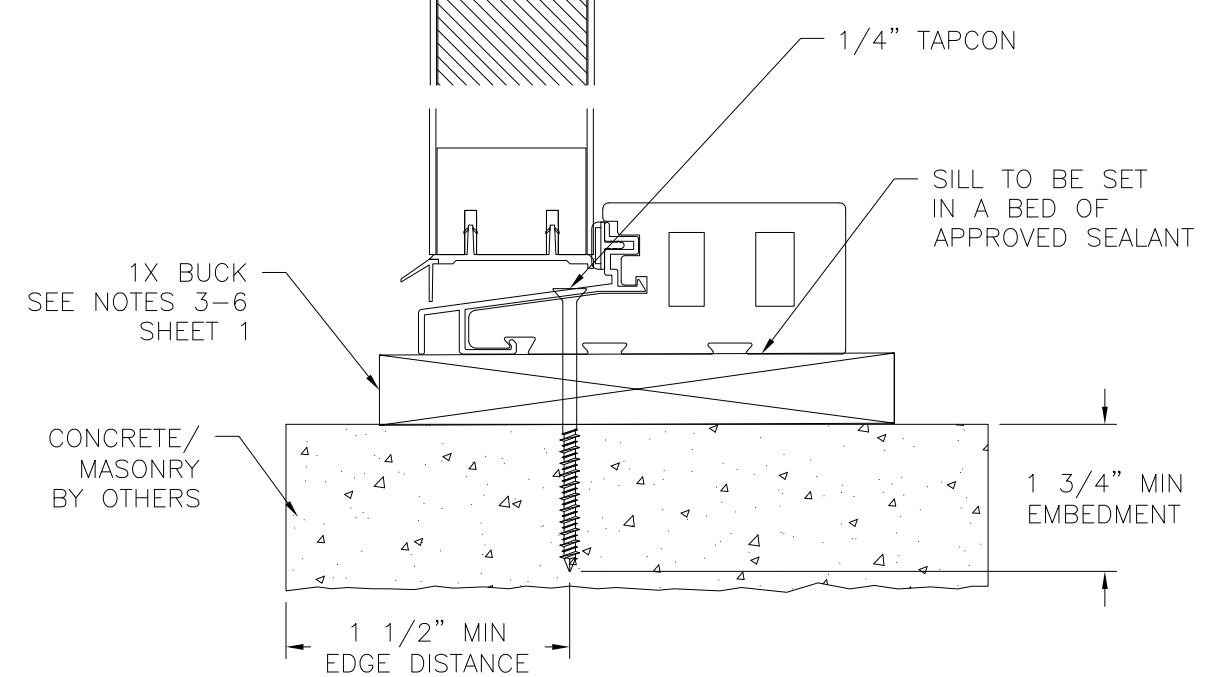
Luis R. Lomas P.E.  
FL No.: 62514



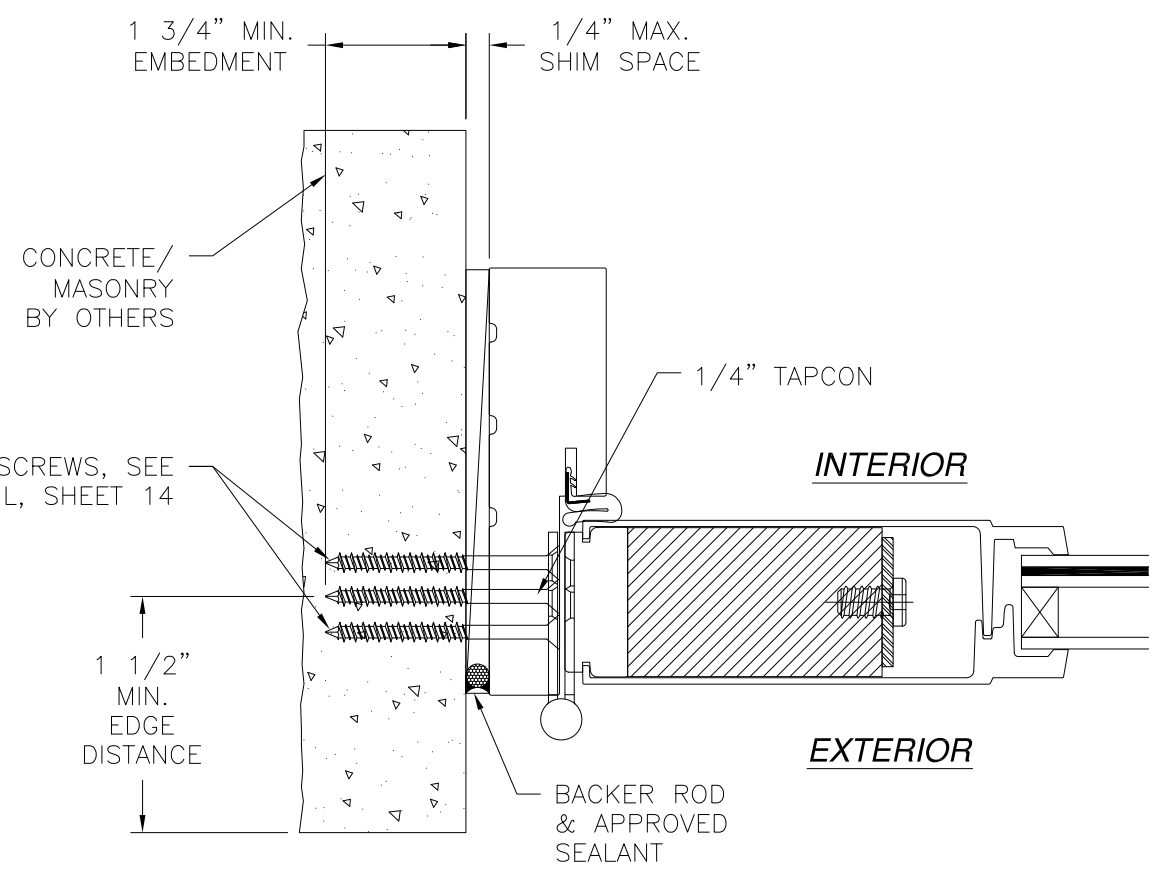
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



**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

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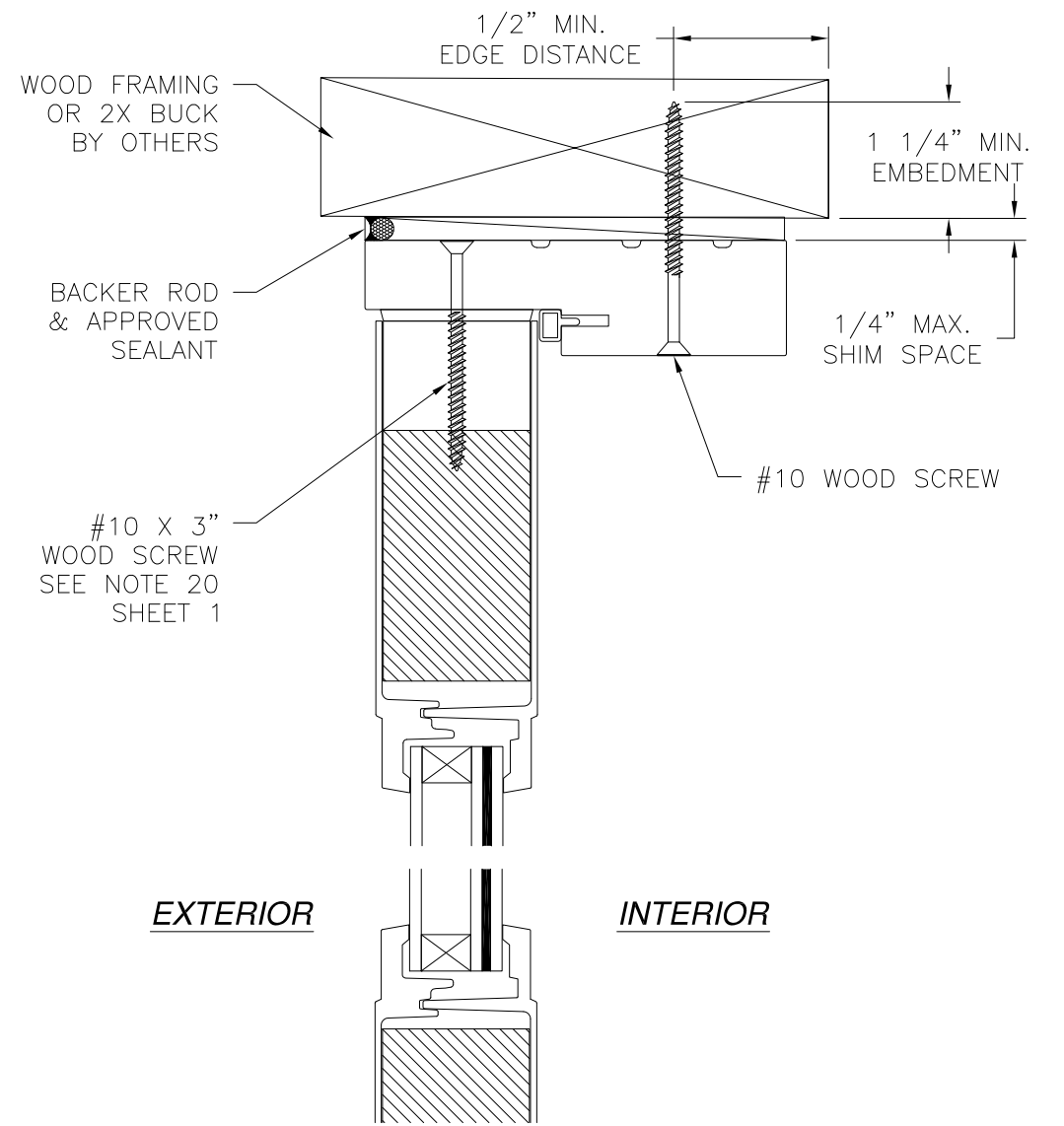
SLPS PATIO DOOR LITE 8'0 OUTSWING  
 LARGE MISSILE IMPACT - HVHZ  
 DOOR INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 9 OF 20

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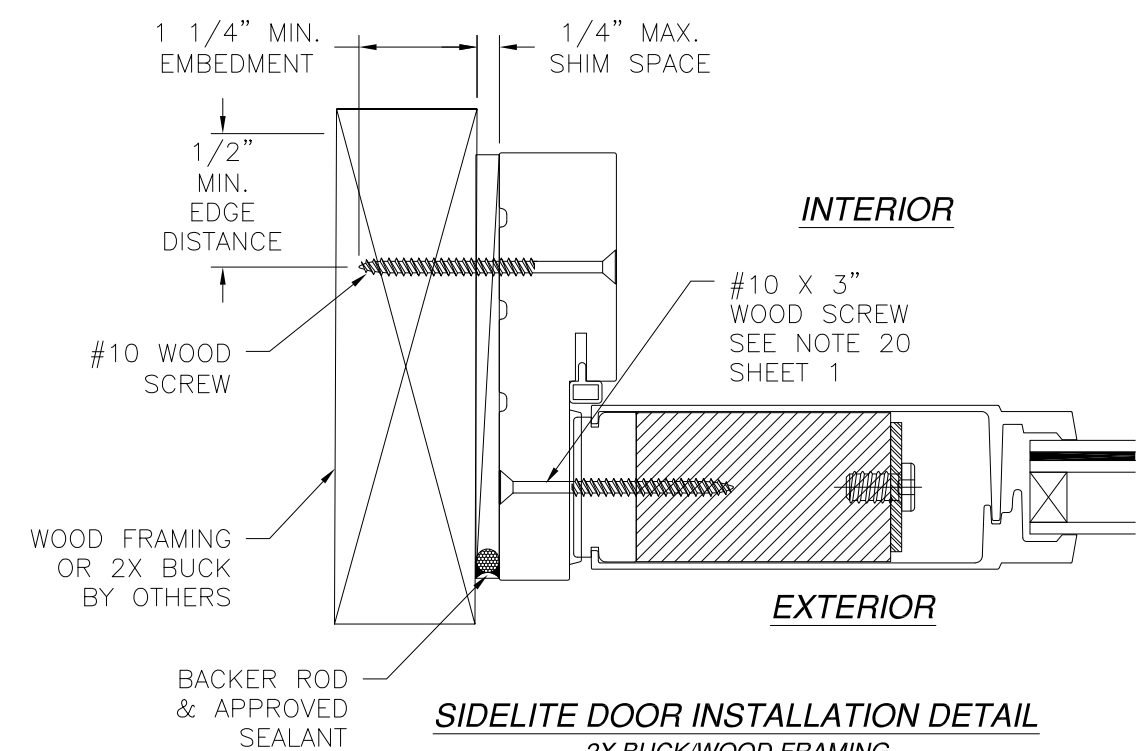
Luis R. Lomas P.E.  
 FL No.: 62514

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  
 FULL LITE SHOWN, 3/4 LITE SIMILAR



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

- NOTES:
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 HOUSTON, TX 77029

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

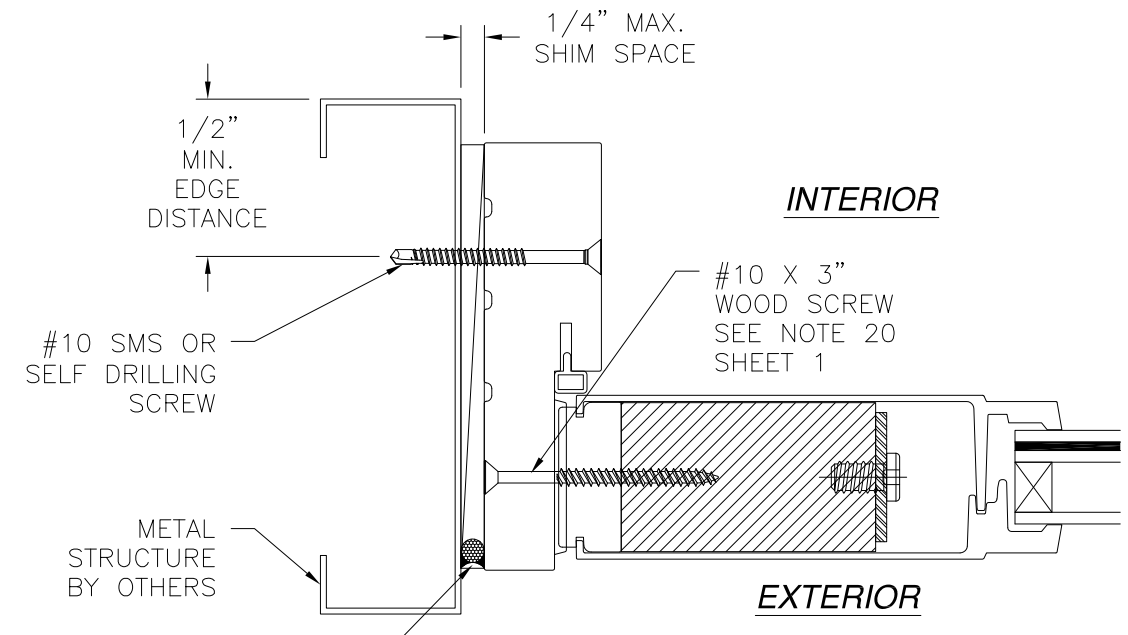
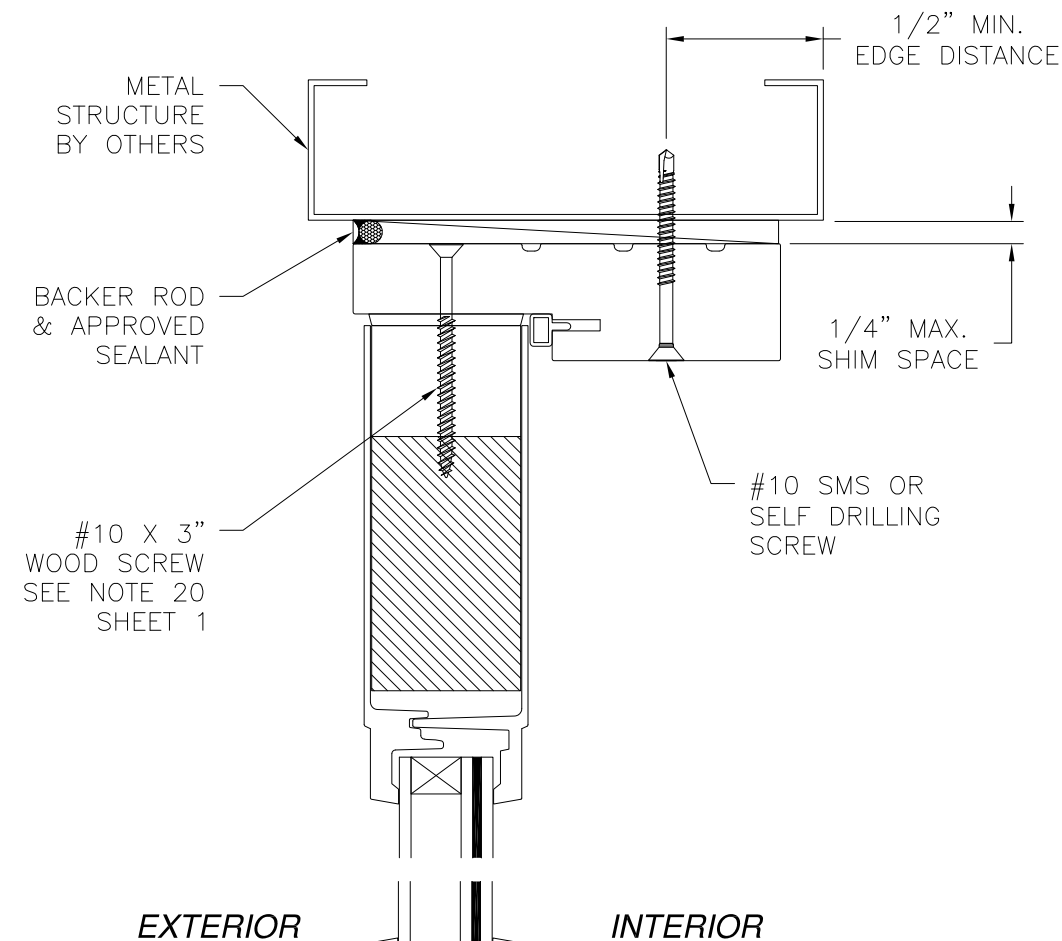
DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 10 OF 20

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REVISIONS			
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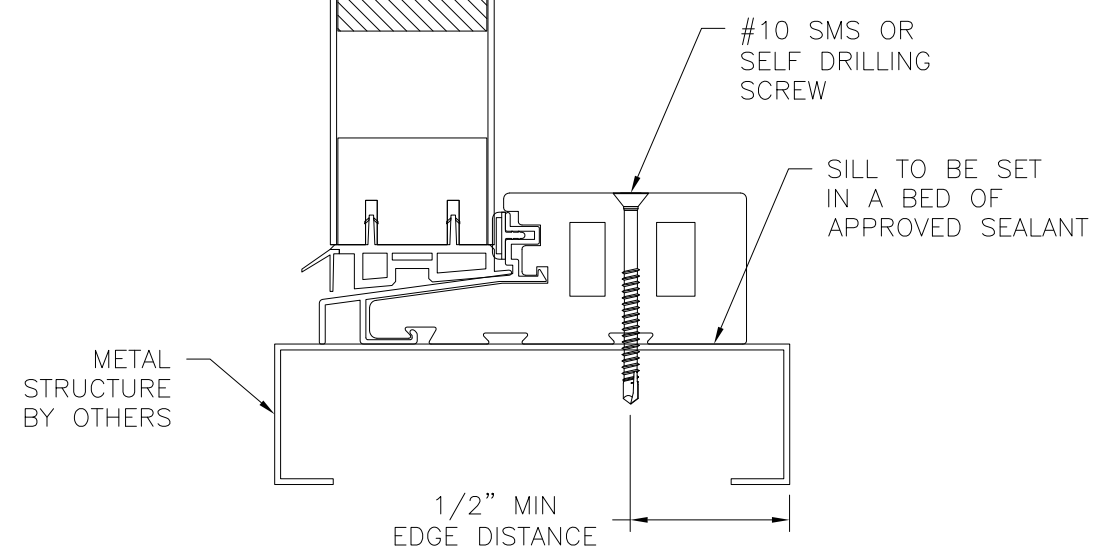
EXTERIOR

INTERIOR

INTERIOR

EXTERIOR

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



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

- NOTES:
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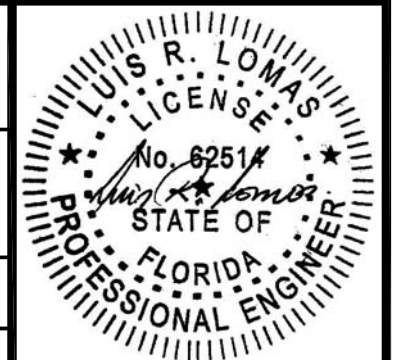
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SLPS PATIO DOOR LITE 8'0 OUTSWING  
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 SIDELITE INSTALLATION DETAILS

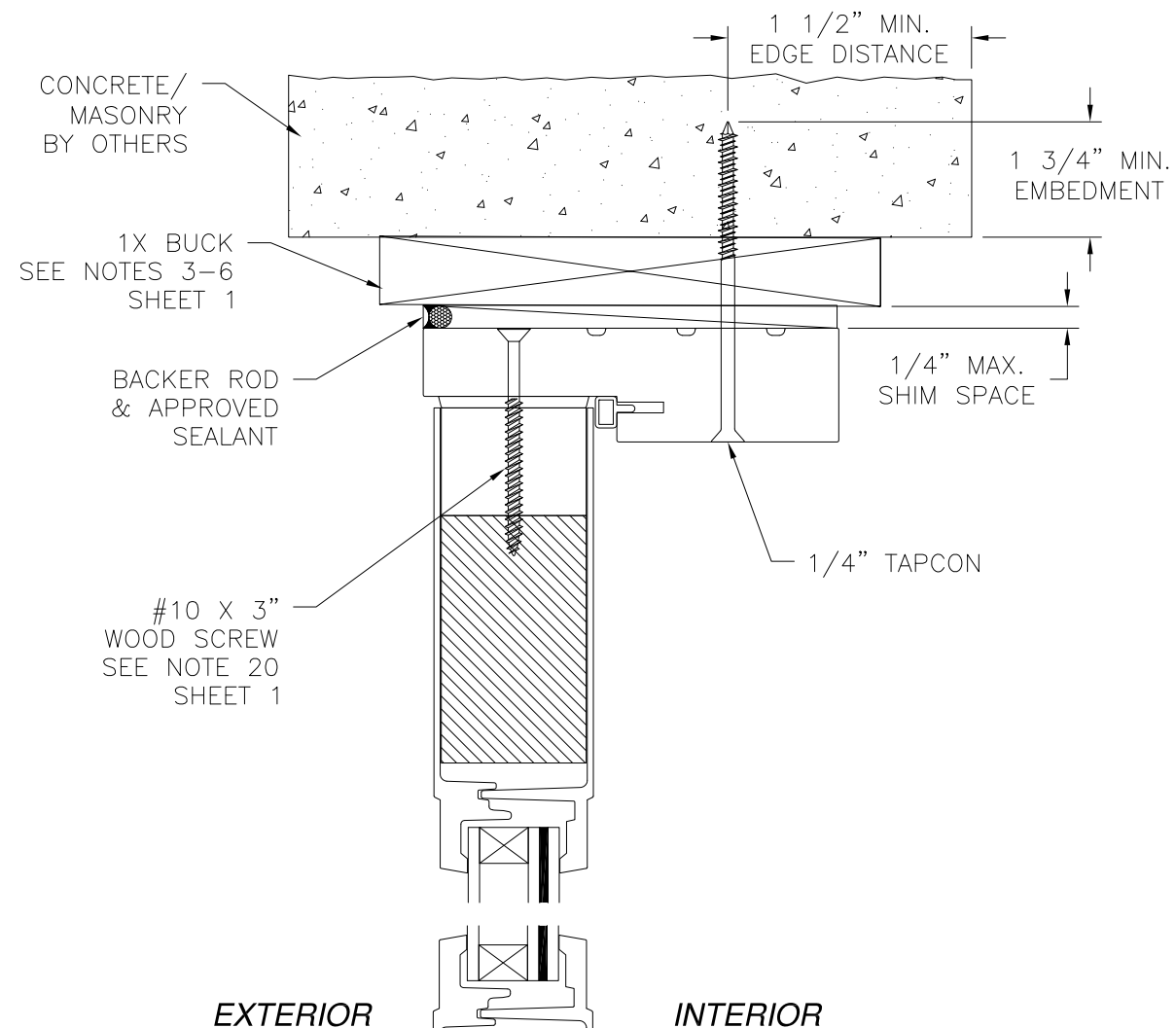
DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 11 OF 20

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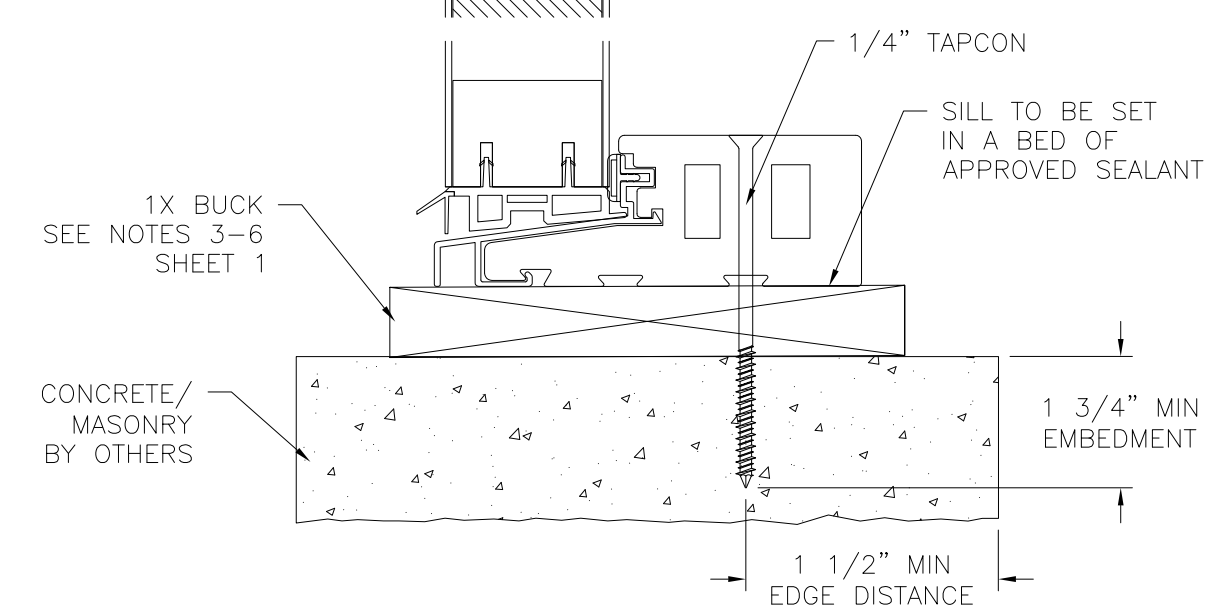


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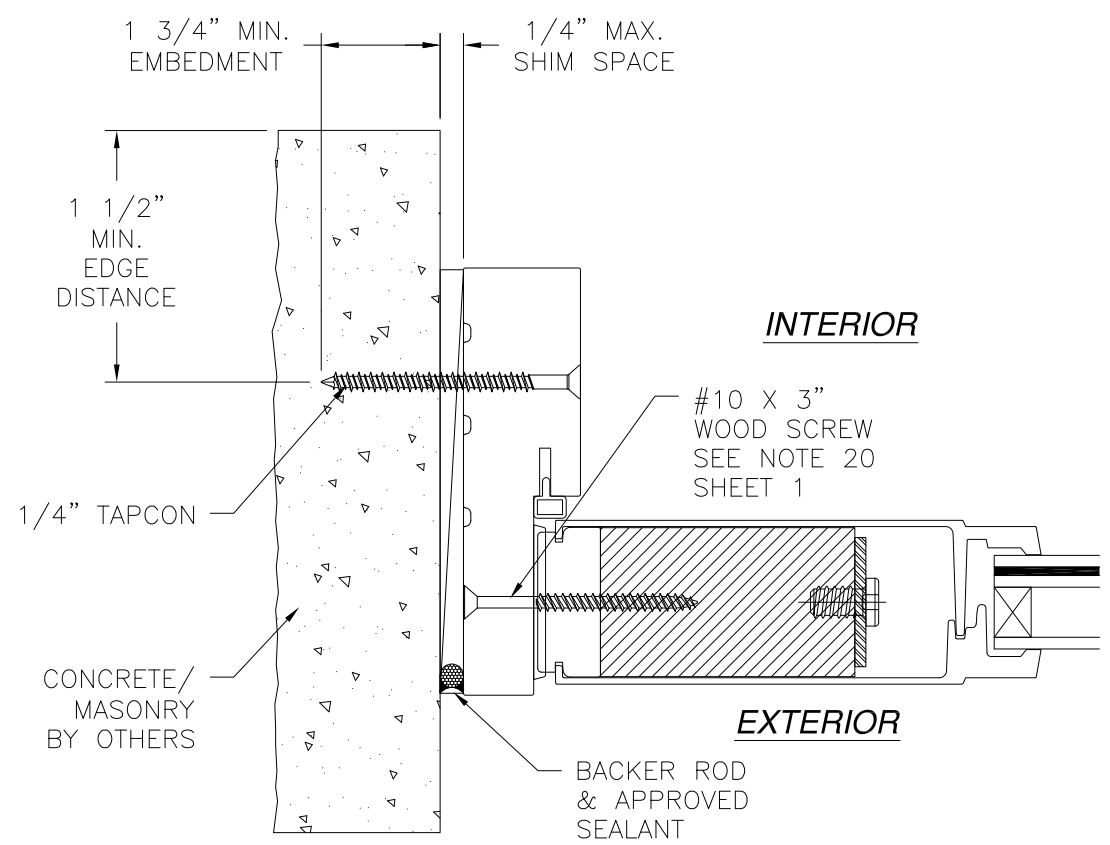
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



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 INSTALLATION WITH 1X BUCK REFER TO  
 HEAD AND SILL INSTALLATION DETAILS

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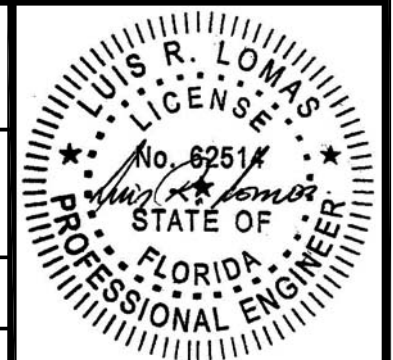
SIGNED: 08/11/2023

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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. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 12 OF 20

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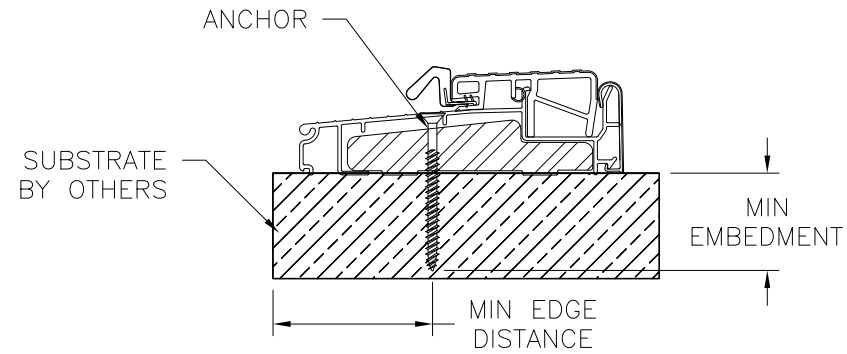


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 FL No.: 62514

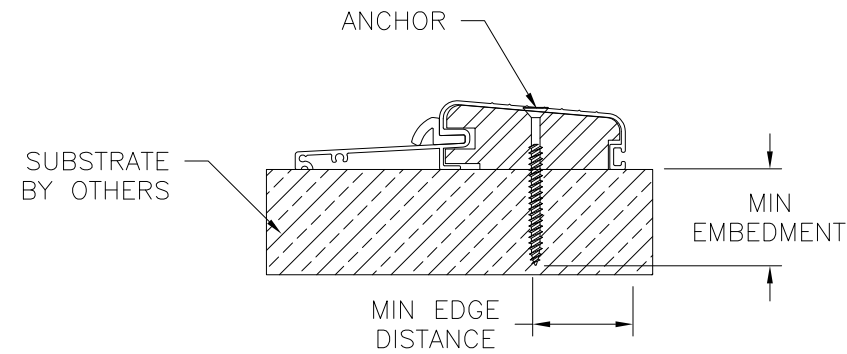
# SILLS ANCHORS LOCATIONS

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

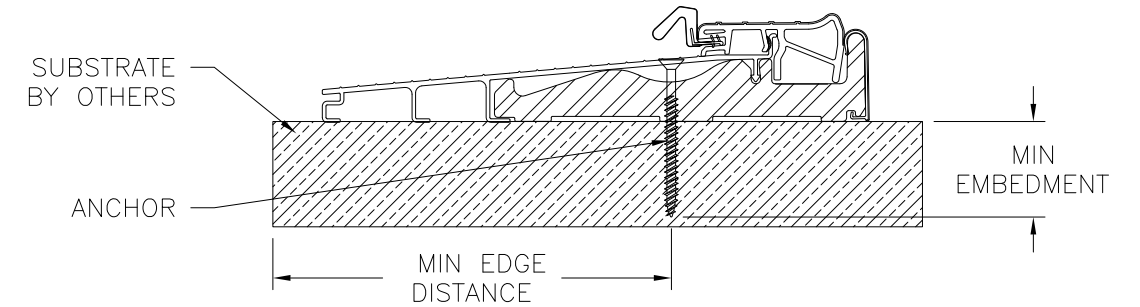
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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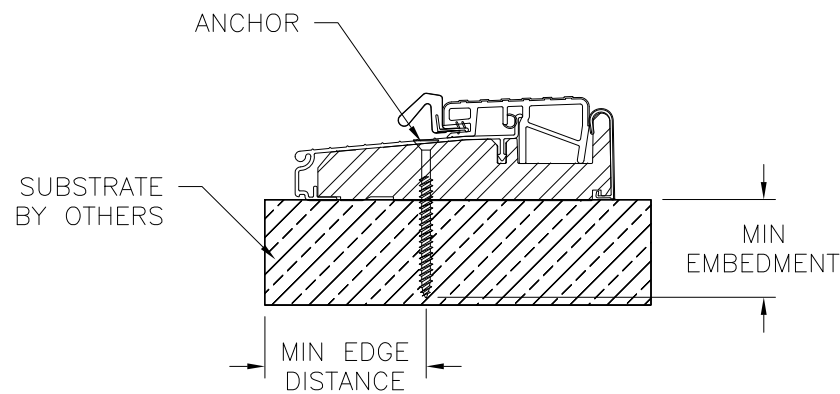
**ENDURA THRESHOLD ZOBL4565**



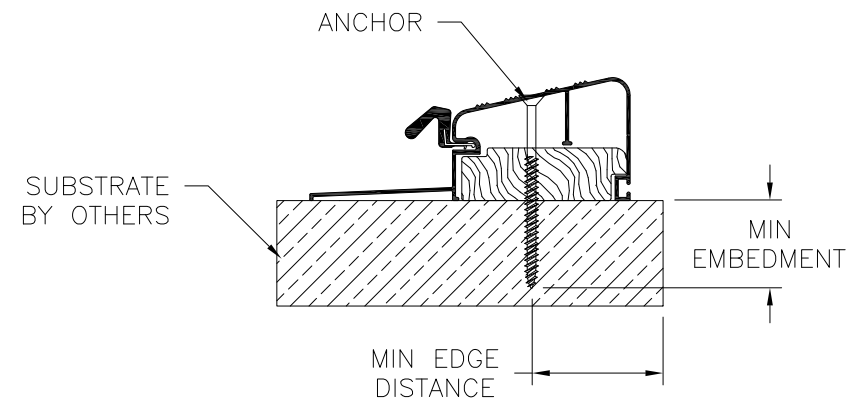
**COLUMBIA THRESHOLD 575**



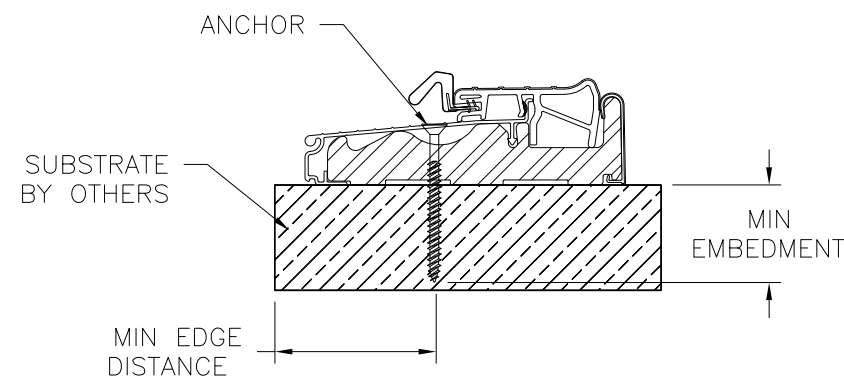
**ENDURA THRESHOLD ZOBLH7815**



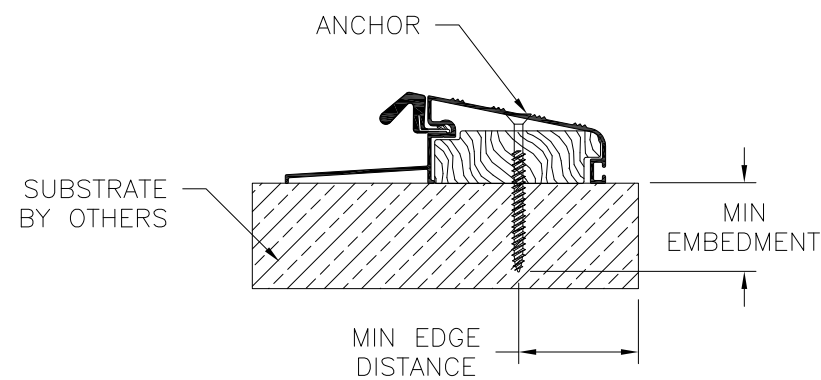
**ENDURA THRESHOLD ZOB4565FN**



**DLP THRESHOLD QOSR**



**ENDURA THRESHOLD ZOBLH4565**



**DLP THRESHOLD QOSH**

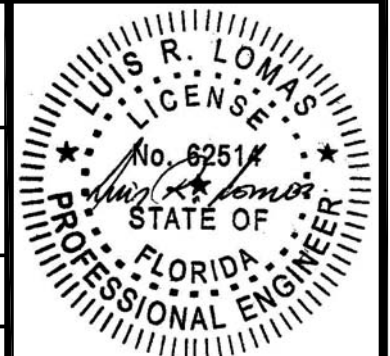
**NAN YA PLASTICS CORPORATION U.S.A.**  
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HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 13 OF 20

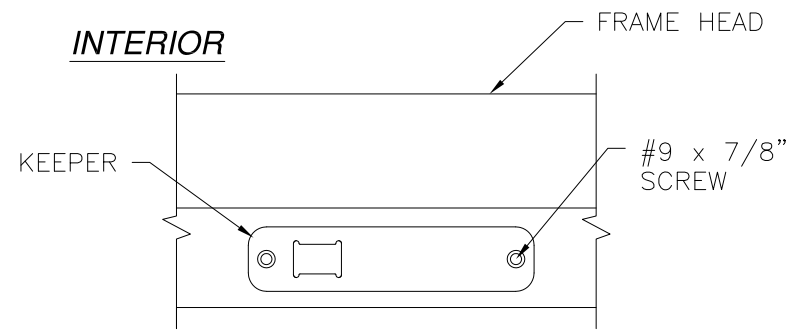
L. ROBERTO LOMAS P.E.  
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SIGNED: 08/11/2023

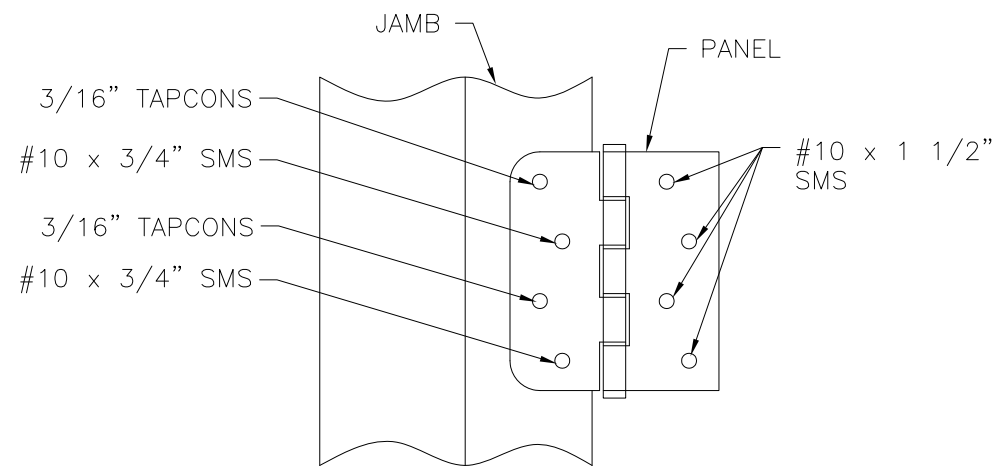


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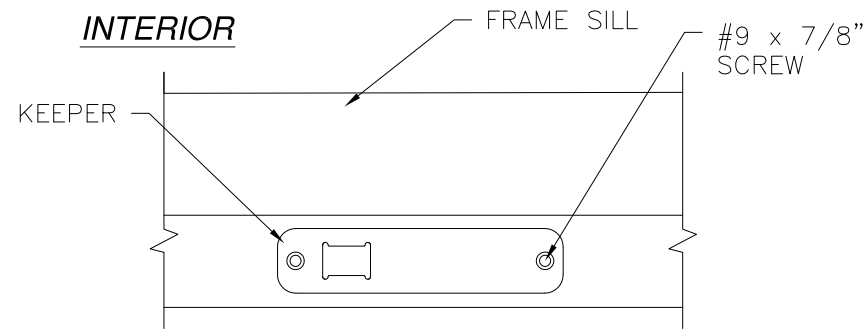
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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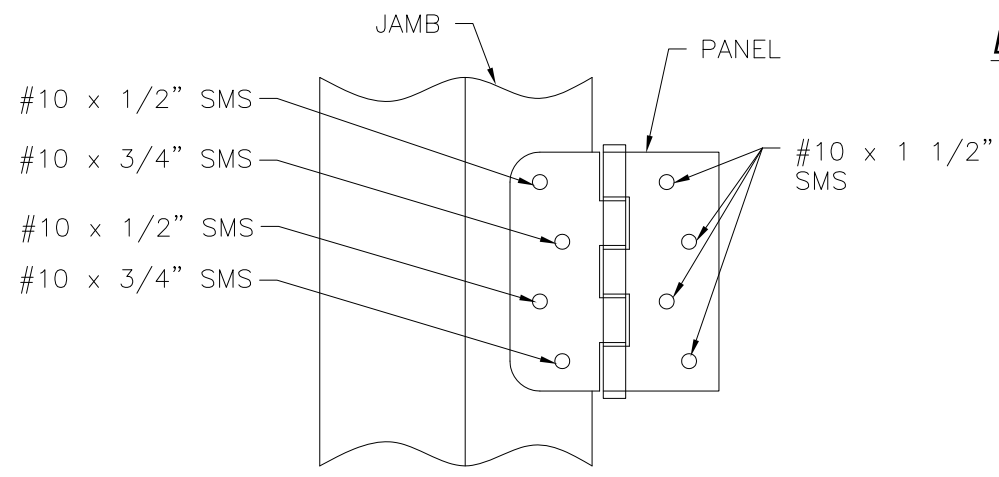
**HEAD KEEPER DETAIL**



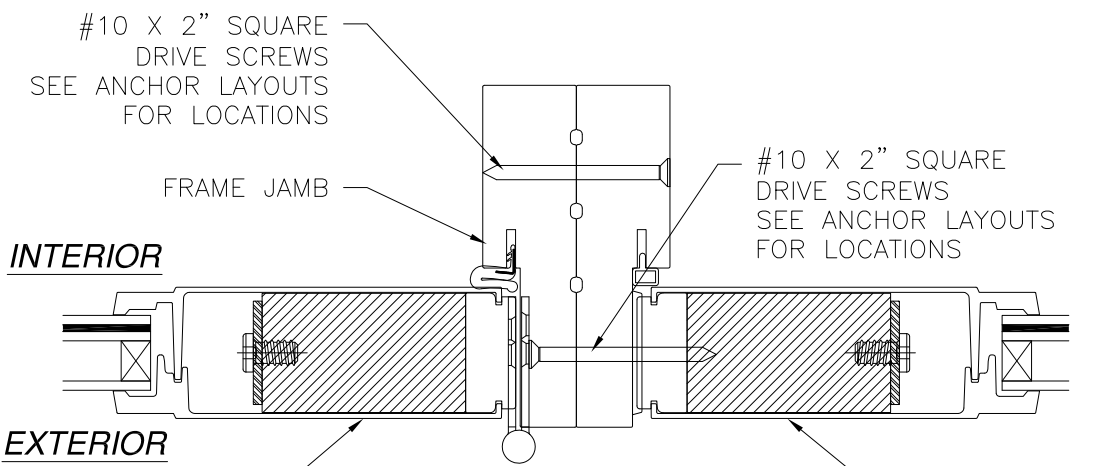
**HINGE INSTALLATION DETAIL  
MASONRY/CONCRETE INSTALLATION**



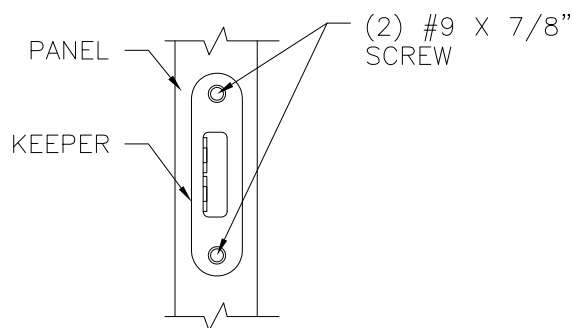
**SILL KEEPER DETAIL**



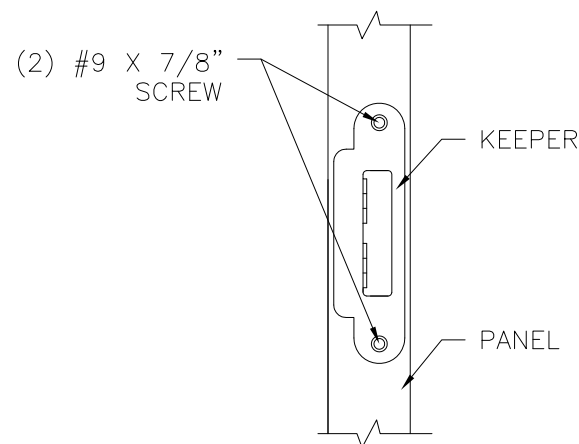
**HINGE INSTALLATION DETAIL  
WOOD AND METAL INSTALLATION**



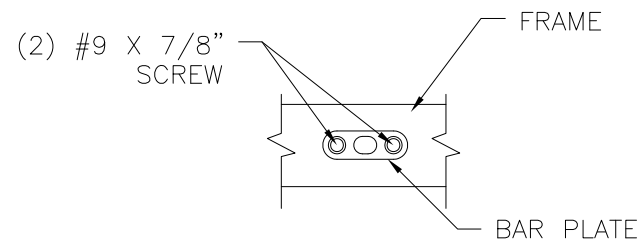
**MULLION DETAIL  
DOOR ANCHORS SCREWS NOT SHOWN FOR CLARITY  
STANDARD FRAME SHOWN, SOFT PVC FRAME SIMILAR**



**HOOK KEEPER DETAIL**



**SLAB MULTI-POINT  
LOCK KEEPER DETAIL**



**DRIVE BAR PLATE DETAIL**

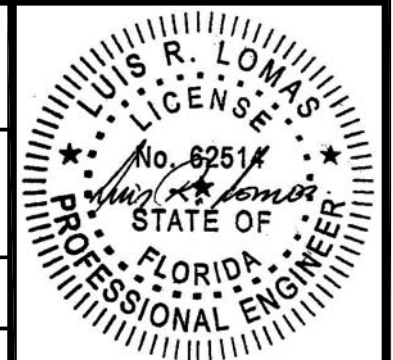
**NAN YA PLASTICS CORPORATION U.S.A.**  
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 HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 14 OF 20

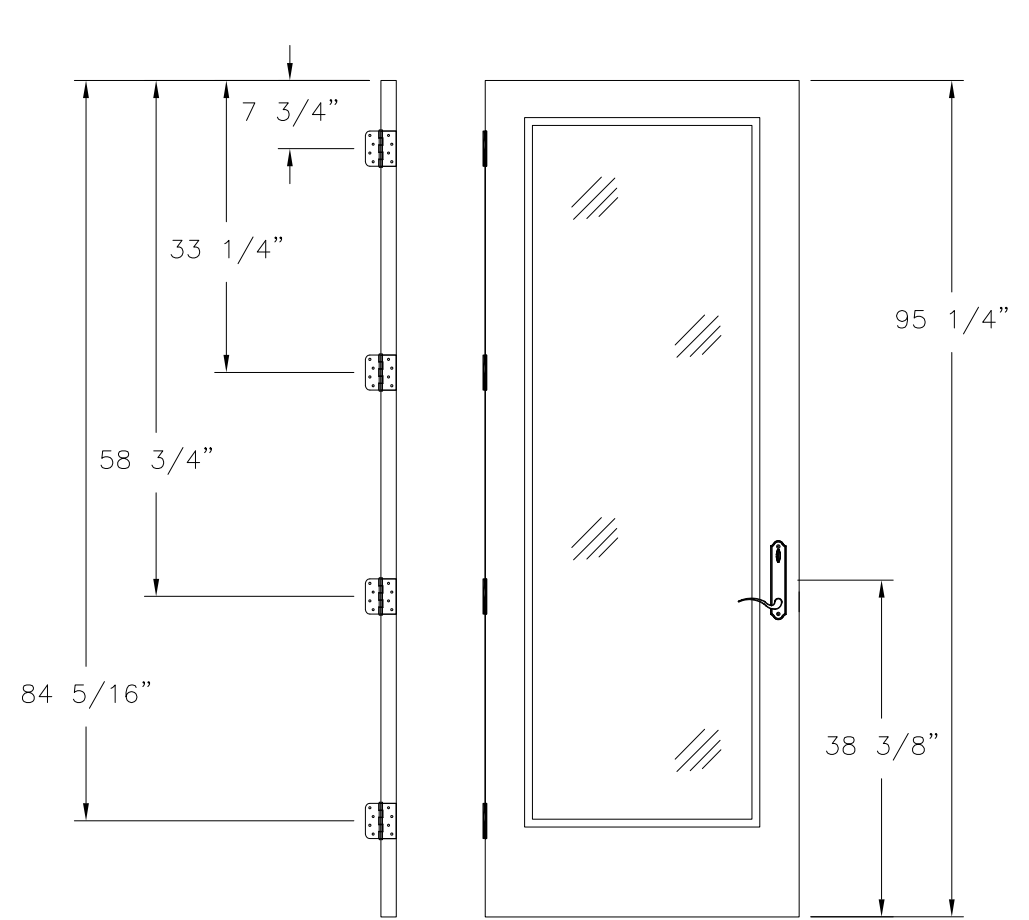
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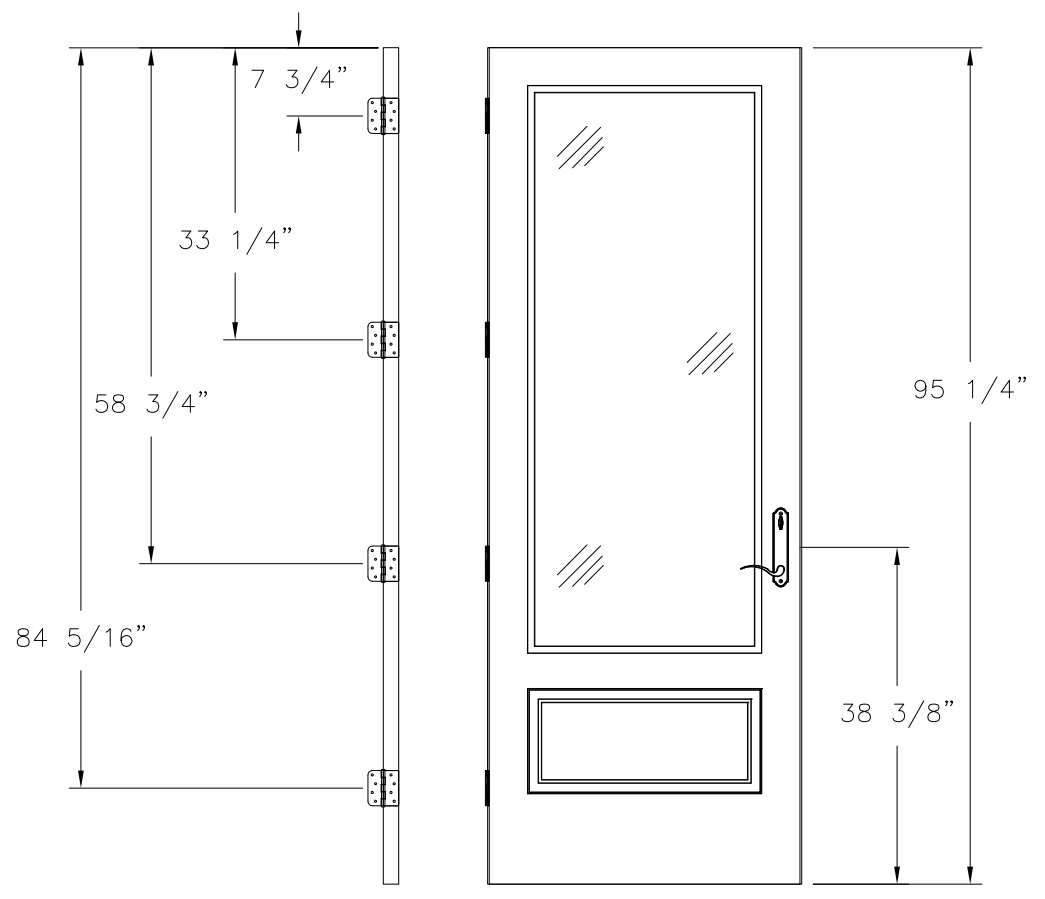


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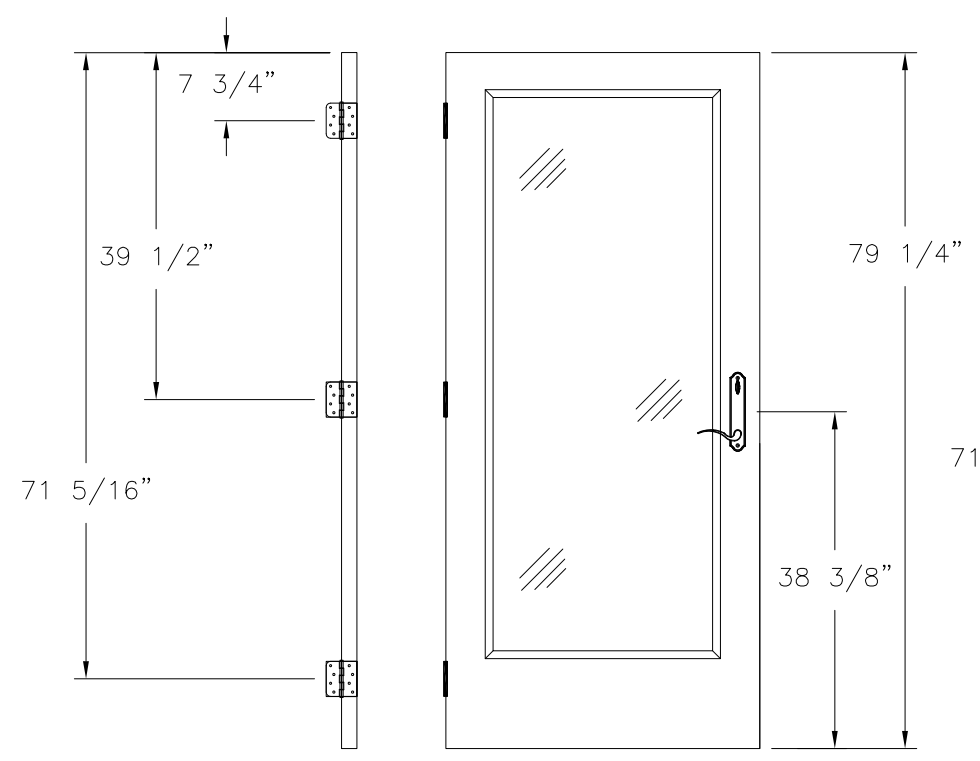
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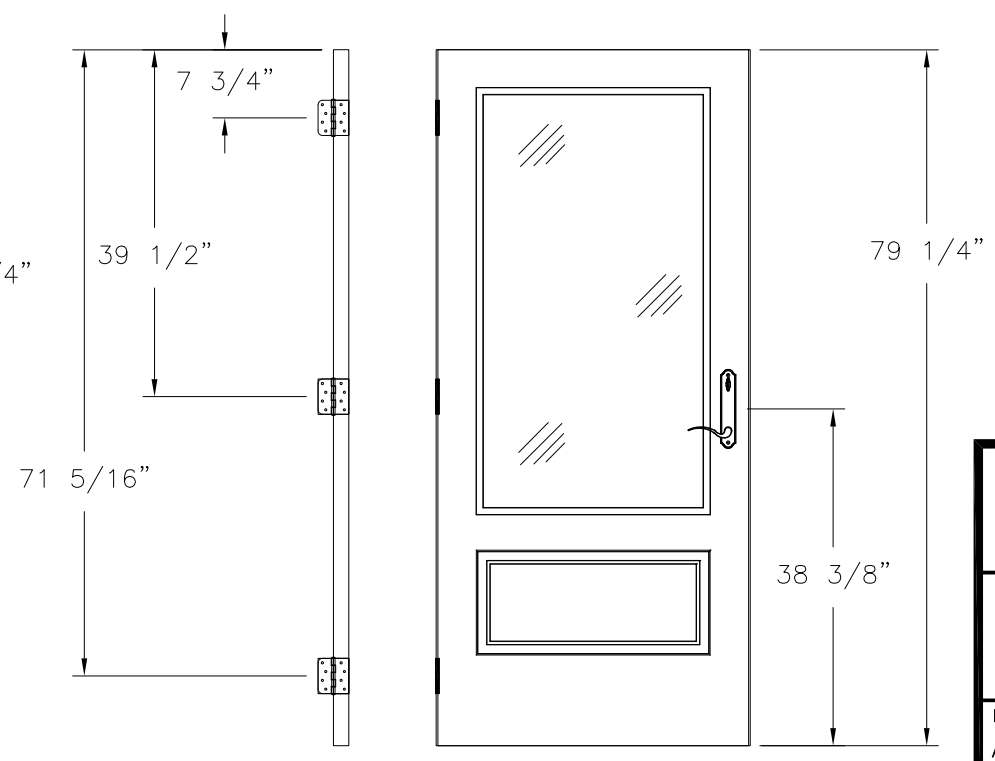
**LOCK AND HINGES LOCATIONS  
WITH HANDLE, FULL LITE PANEL**



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



**LOCK AND HINGES LOCATIONS  
WITH HANDLE, FULL LITE PANEL**



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

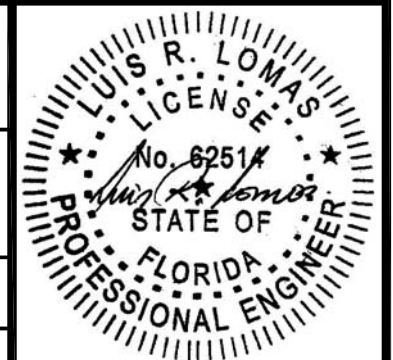
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INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 15 OF 20

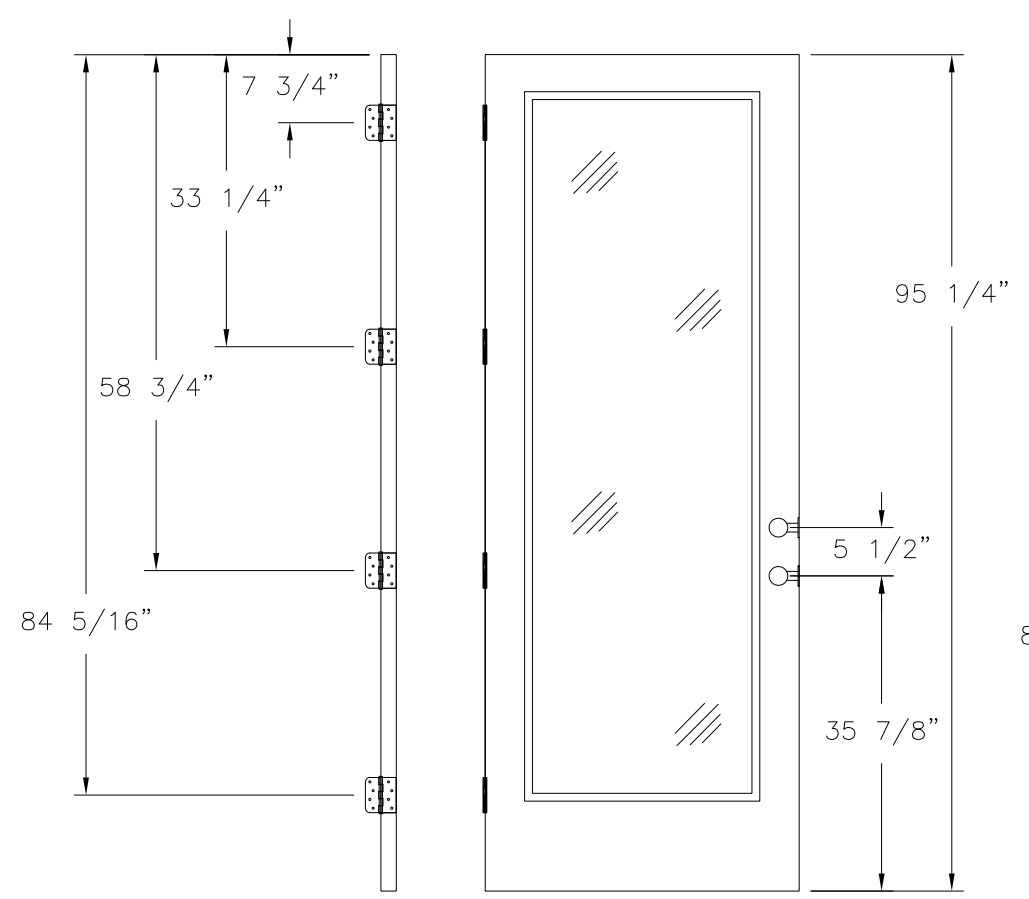
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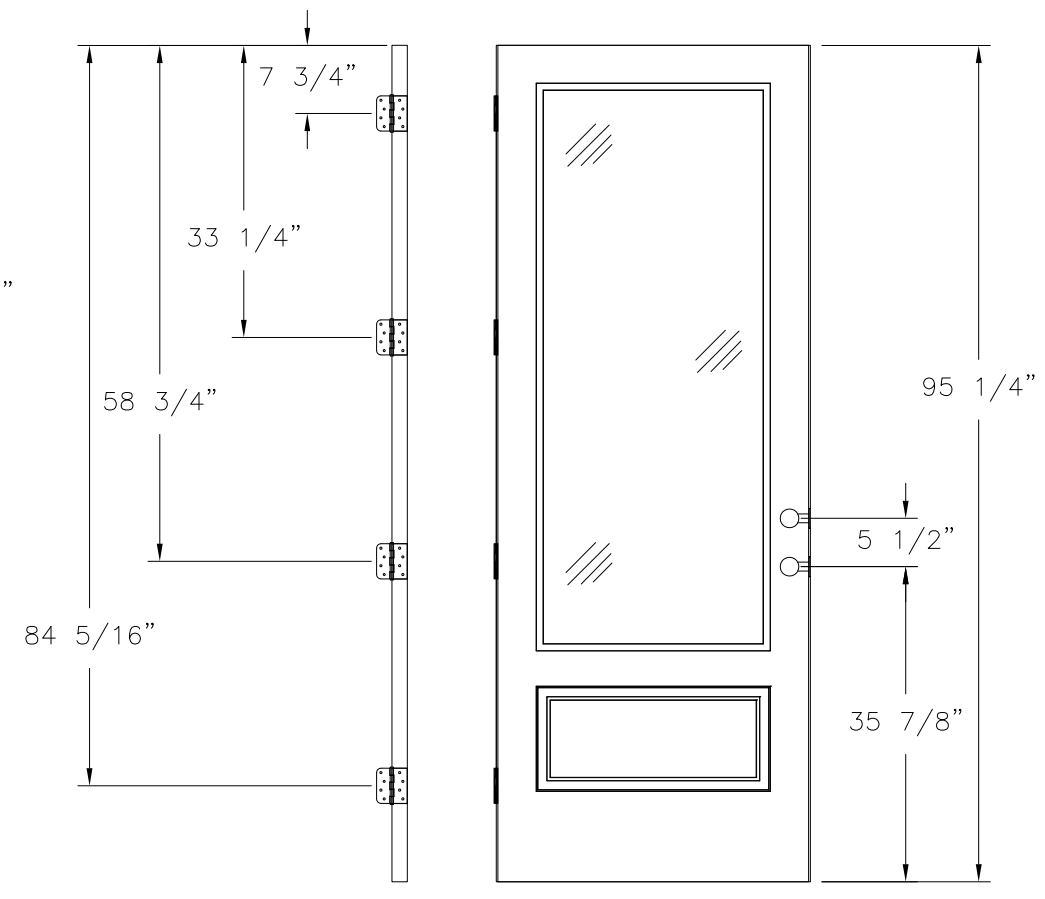


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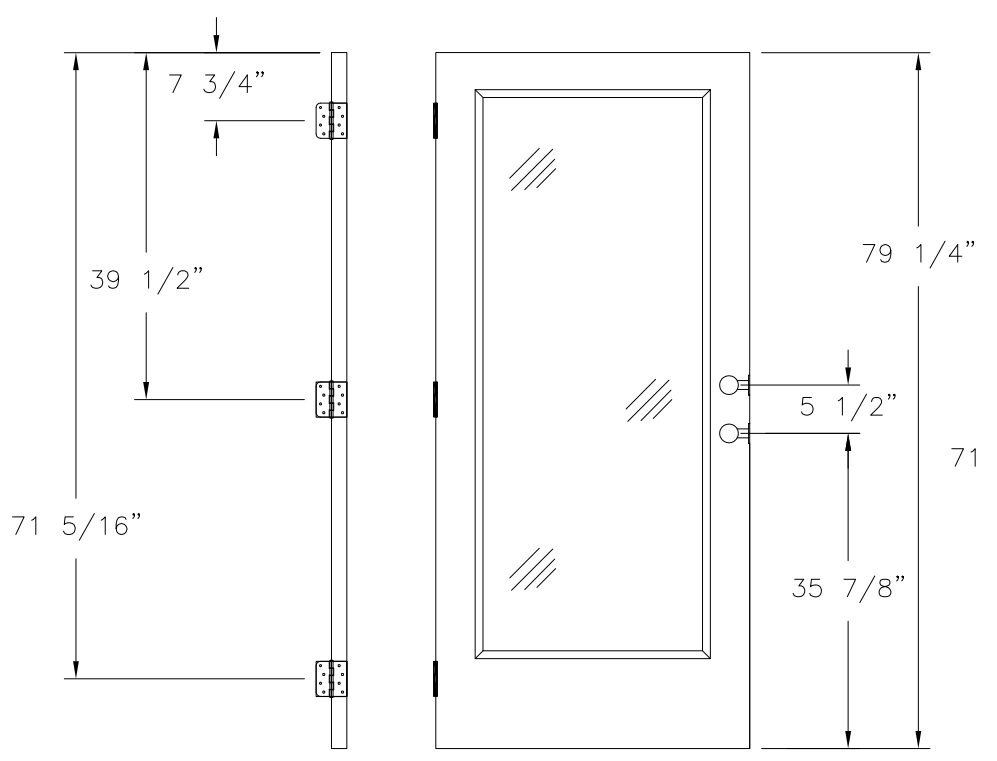
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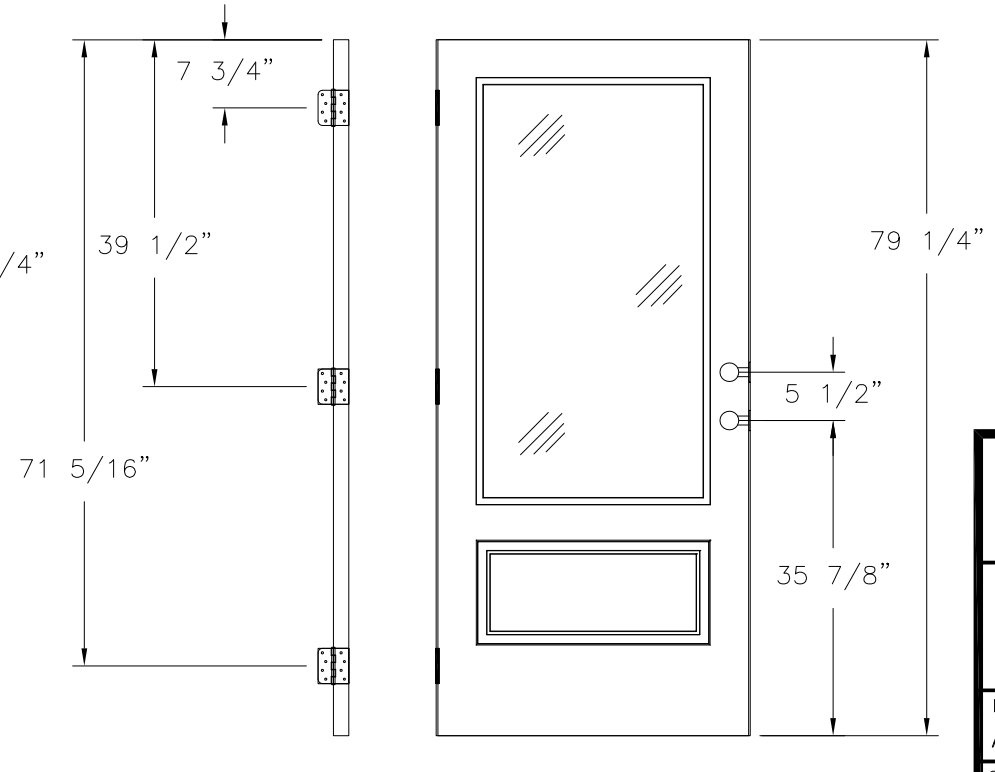
**LOCK AND HINGES LOCATIONS  
WITH LATCH AND DEADBOLT, FULL LITE PANEL**



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



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



**LOCK AND HINGES LOCATIONS  
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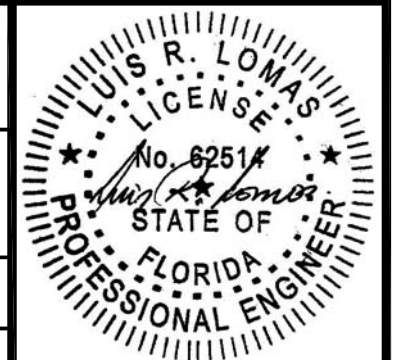
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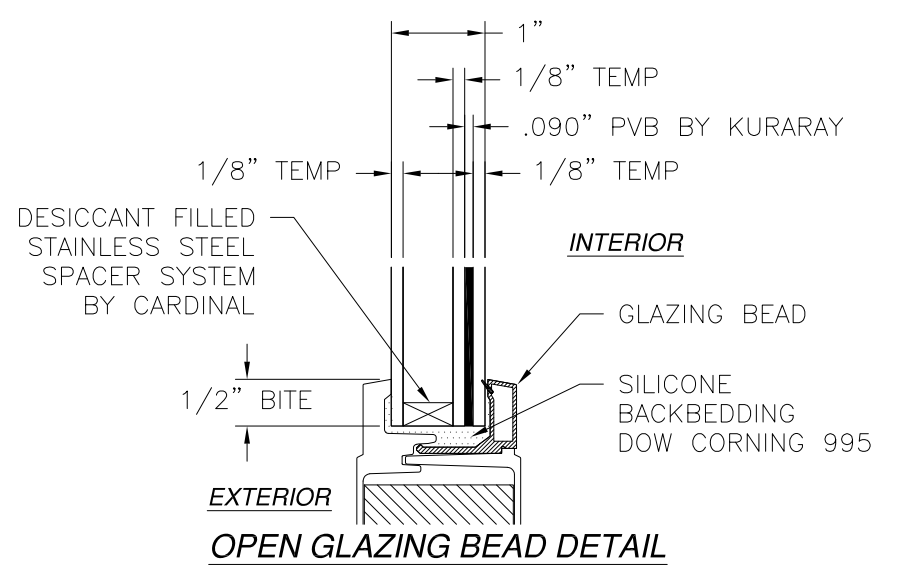
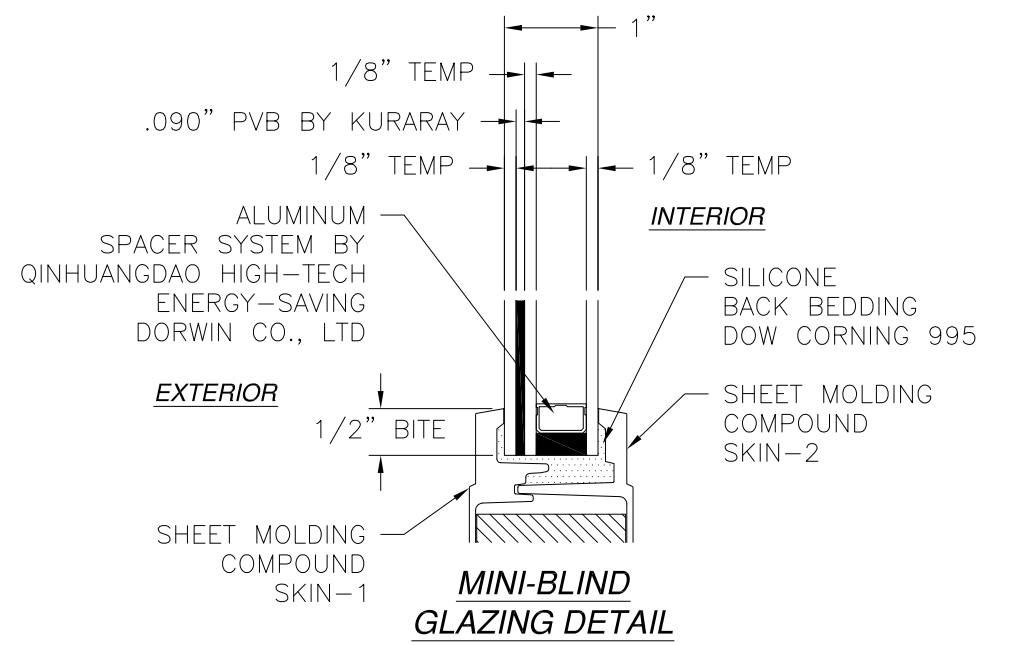
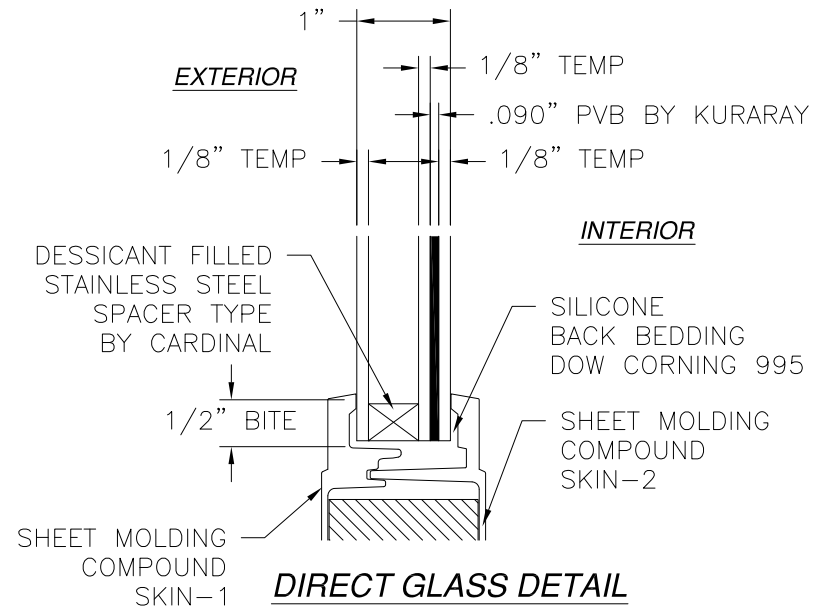
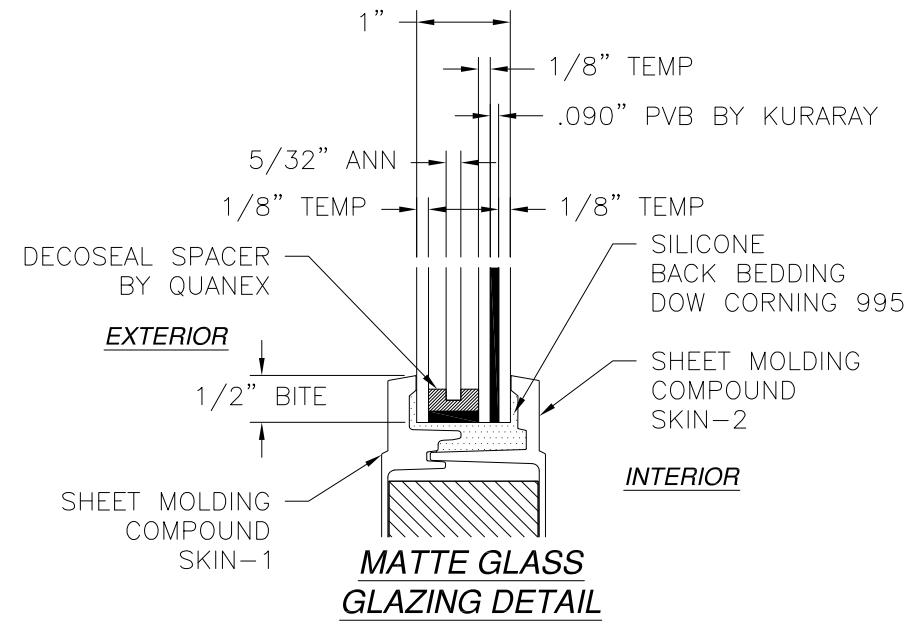
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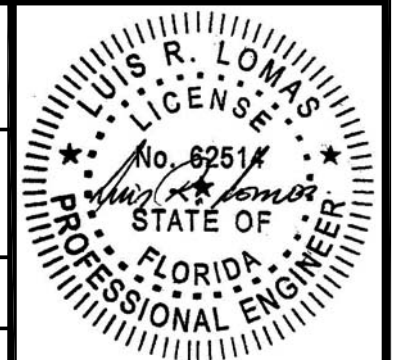
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 HOUSTON, TX 77029

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

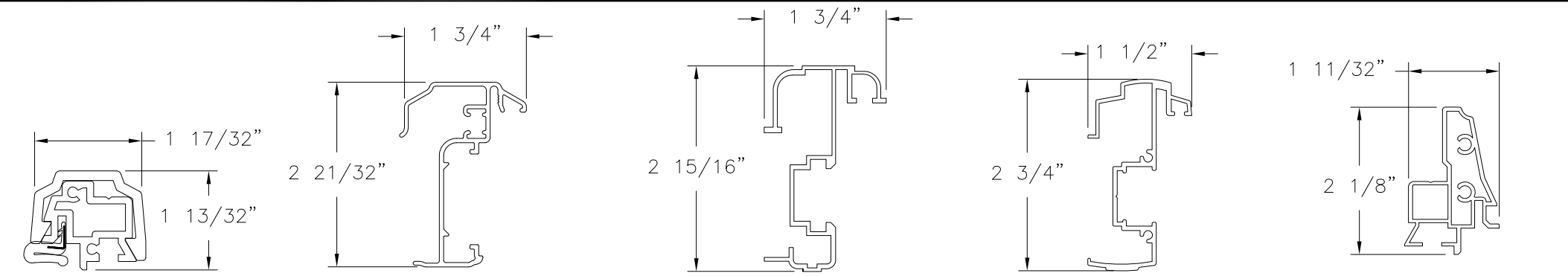
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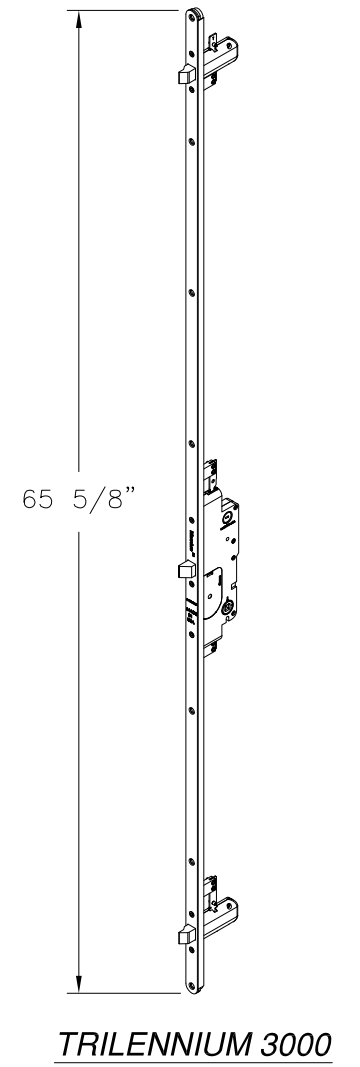
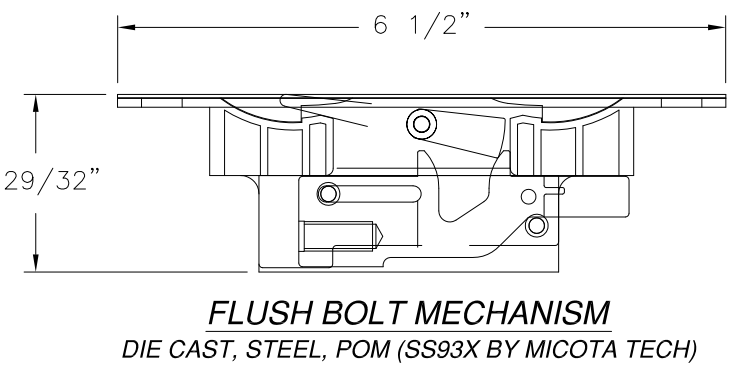
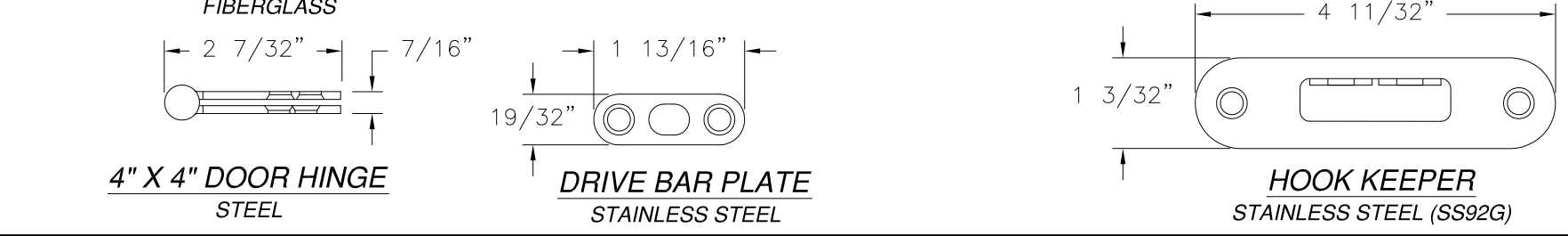
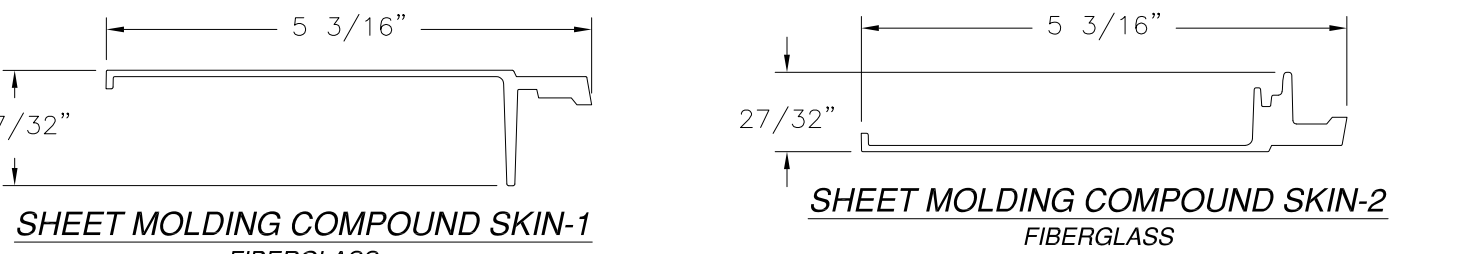
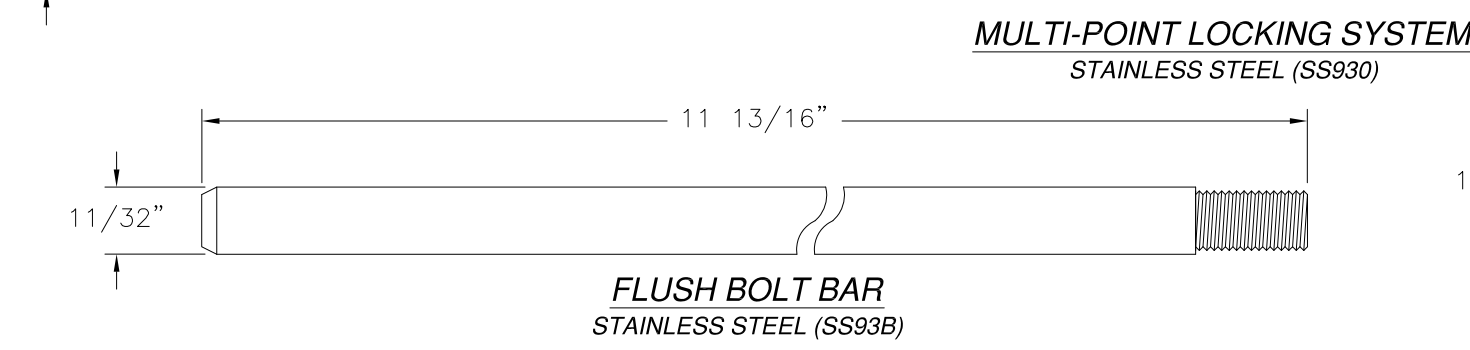
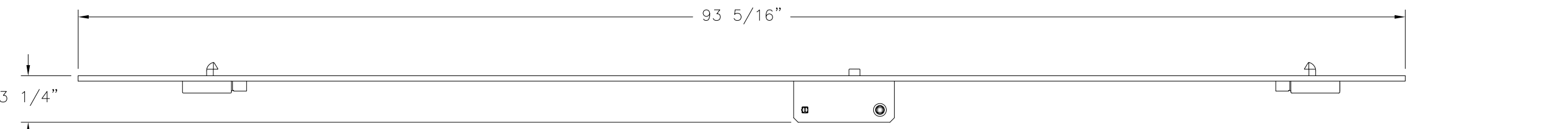
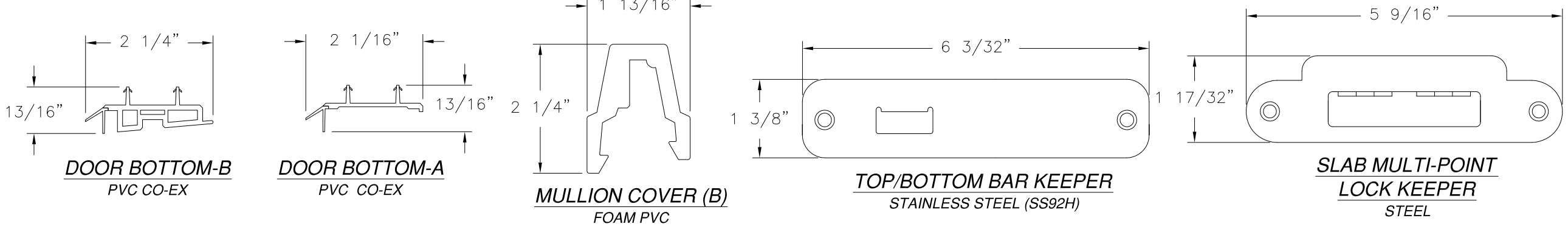
**T-ASTRAGAL**  
RIGID PVC

**ENDURA ULTIMATE PUSH BUTTON ASTRAGAL ALTERNATE**

**DLP ASTRAGAL ALTERNATE**

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

**REINFORCEMENT (B)**  
ALUMINUM



**TRILENNIUM 3000**

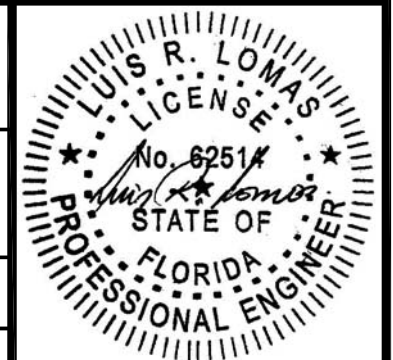
SIGNED: 08/11/2023

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

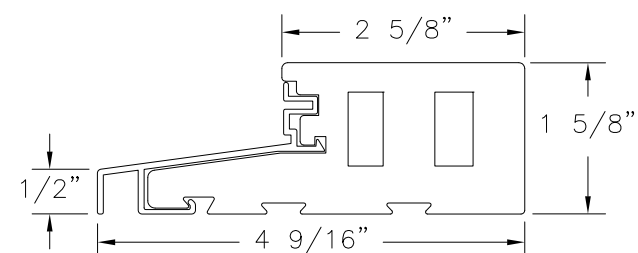
DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 18 OF 20

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

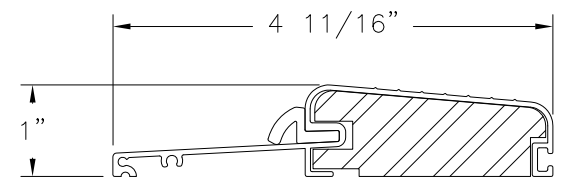


Luis R. Lomas P.E.  
FL No.: 62514

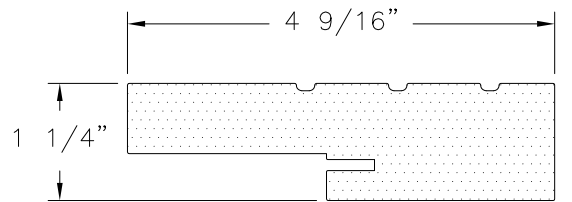
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED COMPONENTS & REVISED GLASS	08/03/23	R.L.



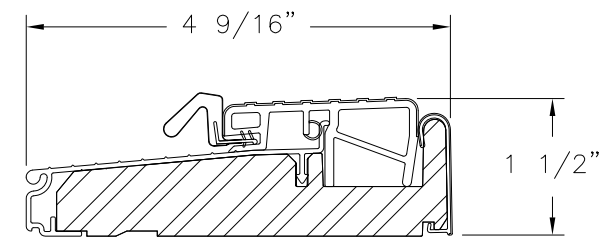
**DOOR SILL**  
FOAM PVC CO-EX & ALUMINUM



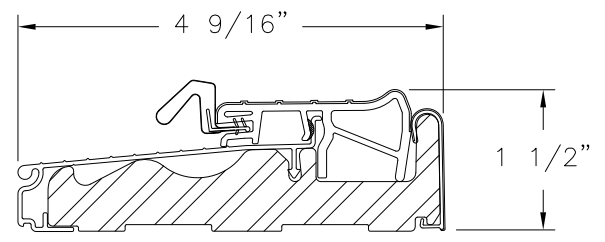
**COLUMBIA THRESHOLD 575**  
ALTERNATE



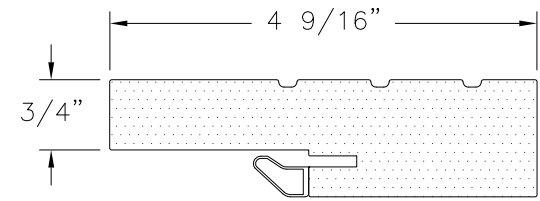
**FRAME STANDARD**  
COMPOSITE



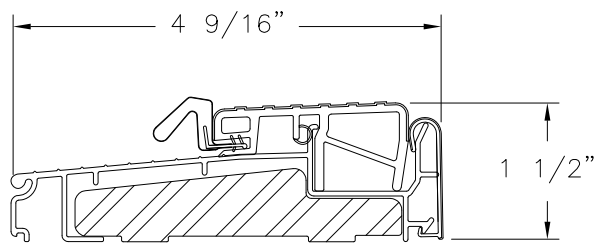
**ENDURA THRESHOLD ZOB4565FN**  
ALTERNATE



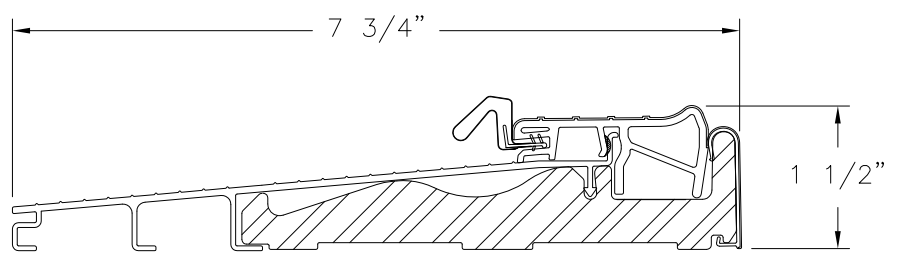
**ENDURA THRESHOLD ZOB4565**  
ALTERNATE



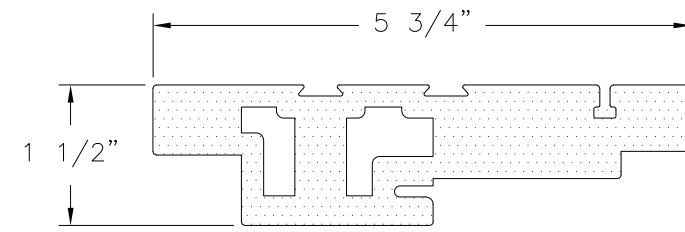
**FRAME SOFT PVC**  
FOAM PVC CO-EX



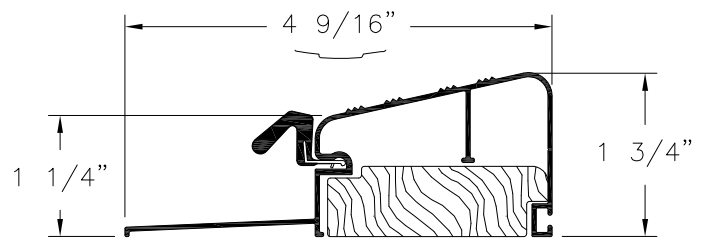
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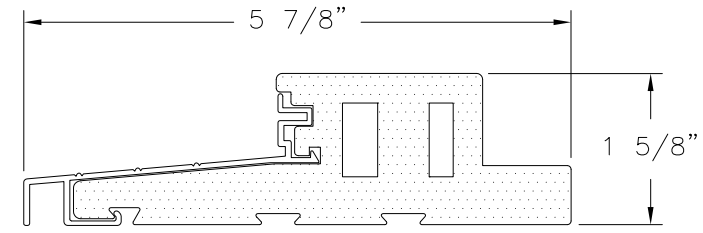
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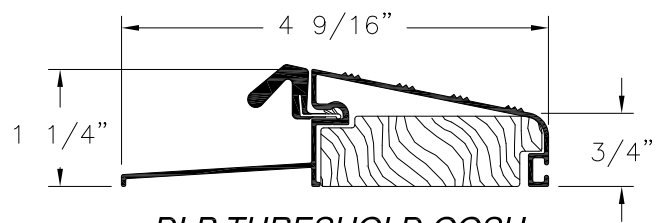
**NEUMA HEAD FRAME & JAMB**  
COMPOSITE



**DLP THRESHOLD QOSR**  
ALTERNATE



**NEUMA SILL**  
ALTERNATE



**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. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 19 OF 20

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

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

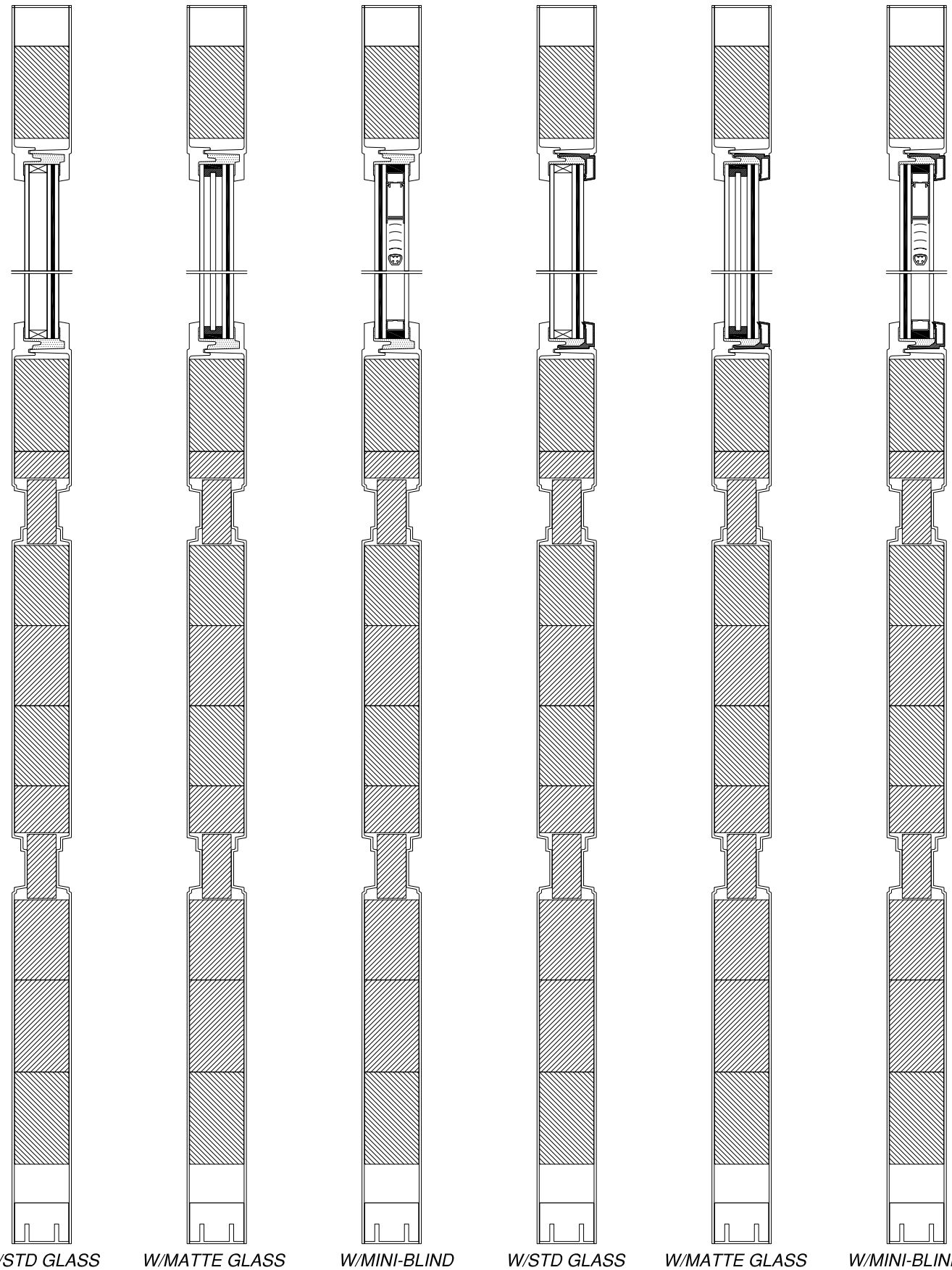
Luis R. Lomas P.E.  
FL No.: 62514

**APPROVED PANEL CONFIGURATIONS**  
**3/4 LITE**

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

**DIRECT GLAZING**

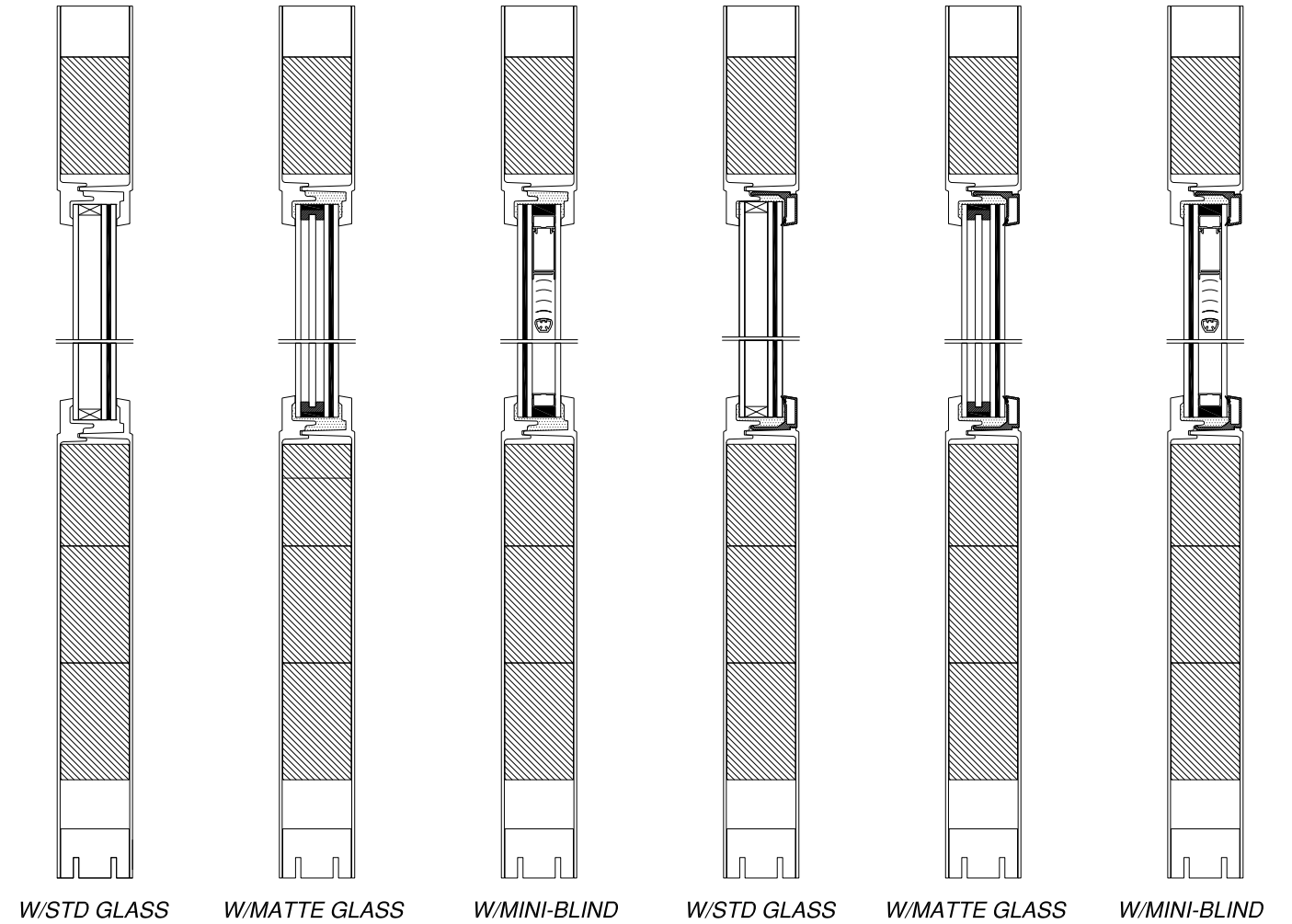
**OPEN GLAZING BEAD**



**APPROVED PANEL CONFIGURATIONS**  
**FULL LITE**

**DIRECT GLAZING**

**OPEN GLAZING BEAD**



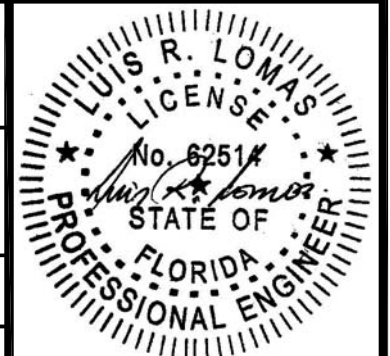
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HOUSTON, TX 77029

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

DRAWN: A.R.	DWG NO. 08-03323	REV E
SCALE NTS	DATE 09/27/18	SHEET 20 OF 20

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