

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" 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.
5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
6. 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.
7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: PAINTED WOOD PINE.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 17 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS UP TO WIND ZONE 3.
14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #8 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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 2,000 PSI.
  - C. MASONRY: GROUT/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
  - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM

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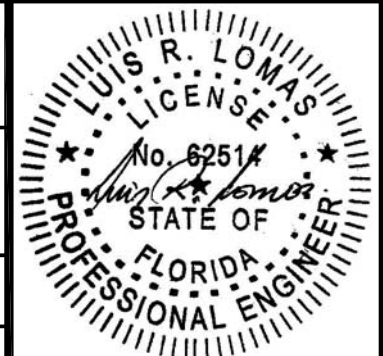
**PROVIA, LLC.**  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

**SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
NOTES**

DRAWN: <b>A.R.</b>	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 1 OF 18

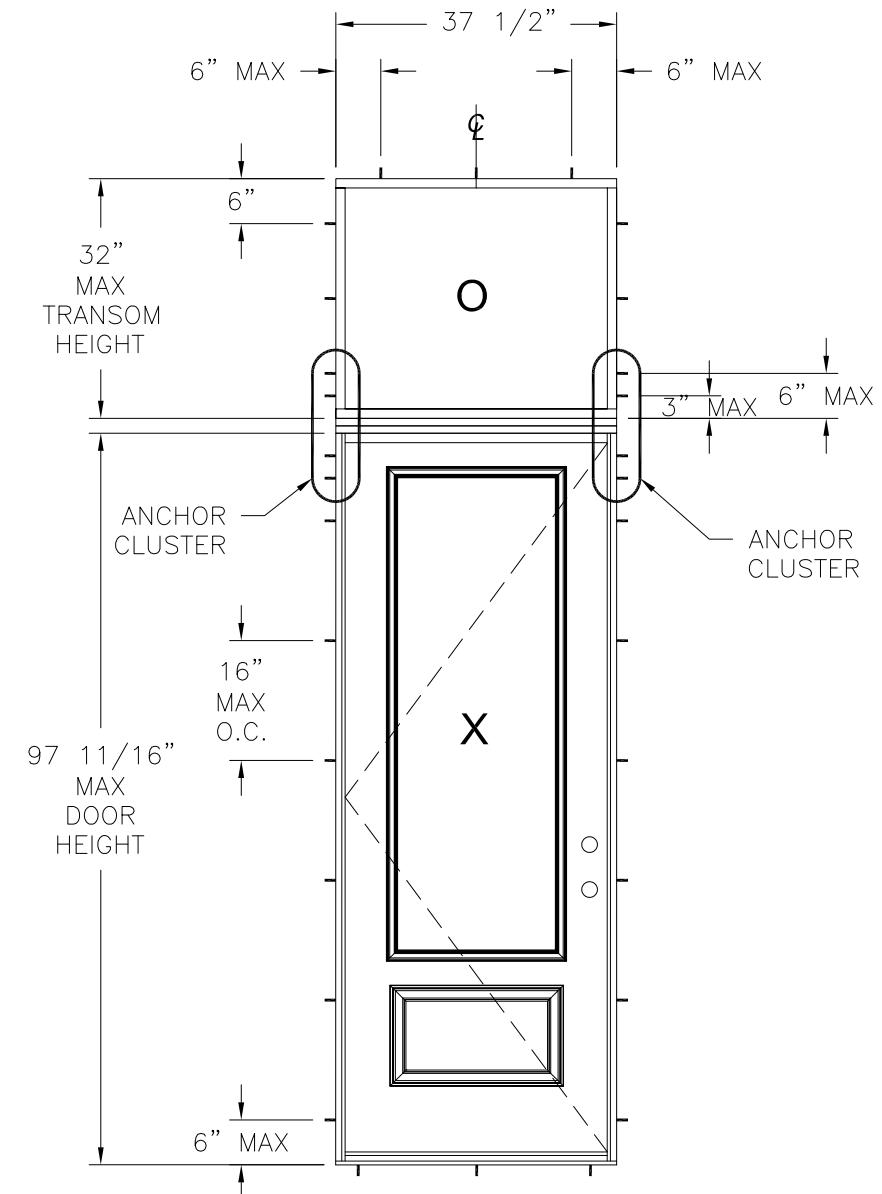
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1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 09/09/2021



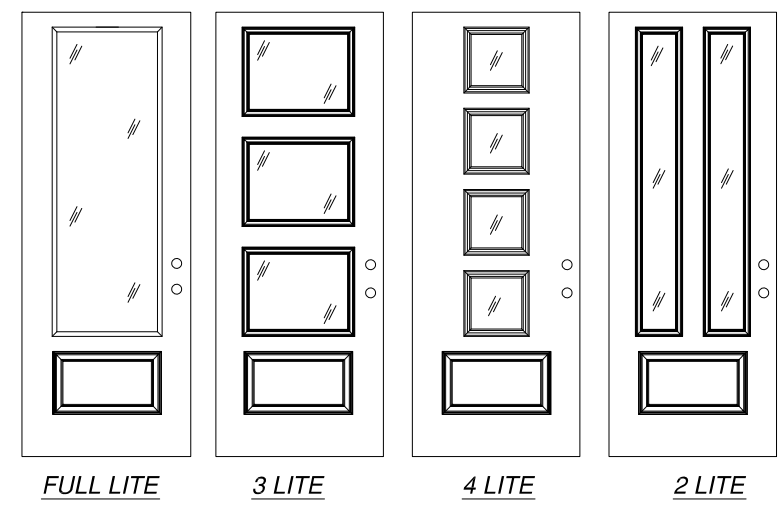
Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



- NOTES:**
1. MAX DOOR PANEL SIZE: 35 3/4" X 95"
  2. MAX DOOR PANEL D.L.O.: 21 1/8" X 79 1/16"

**APPROVED LITE CONFIGURATIONS**



LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 11.59 FT<sup>2</sup>

**SIGNET IS SINGLE DOOR W/TRANSOM**  
EXTERIOR VIEW

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

MISSILE LEVEL D, WIND ZONE 3

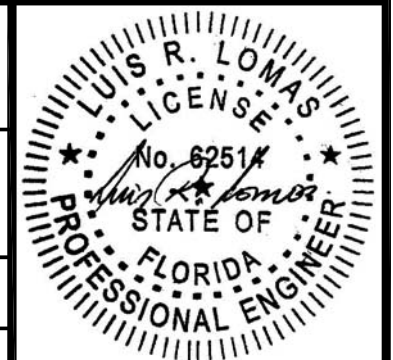
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SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
SINGLE W/TRANSOM ELEVATION

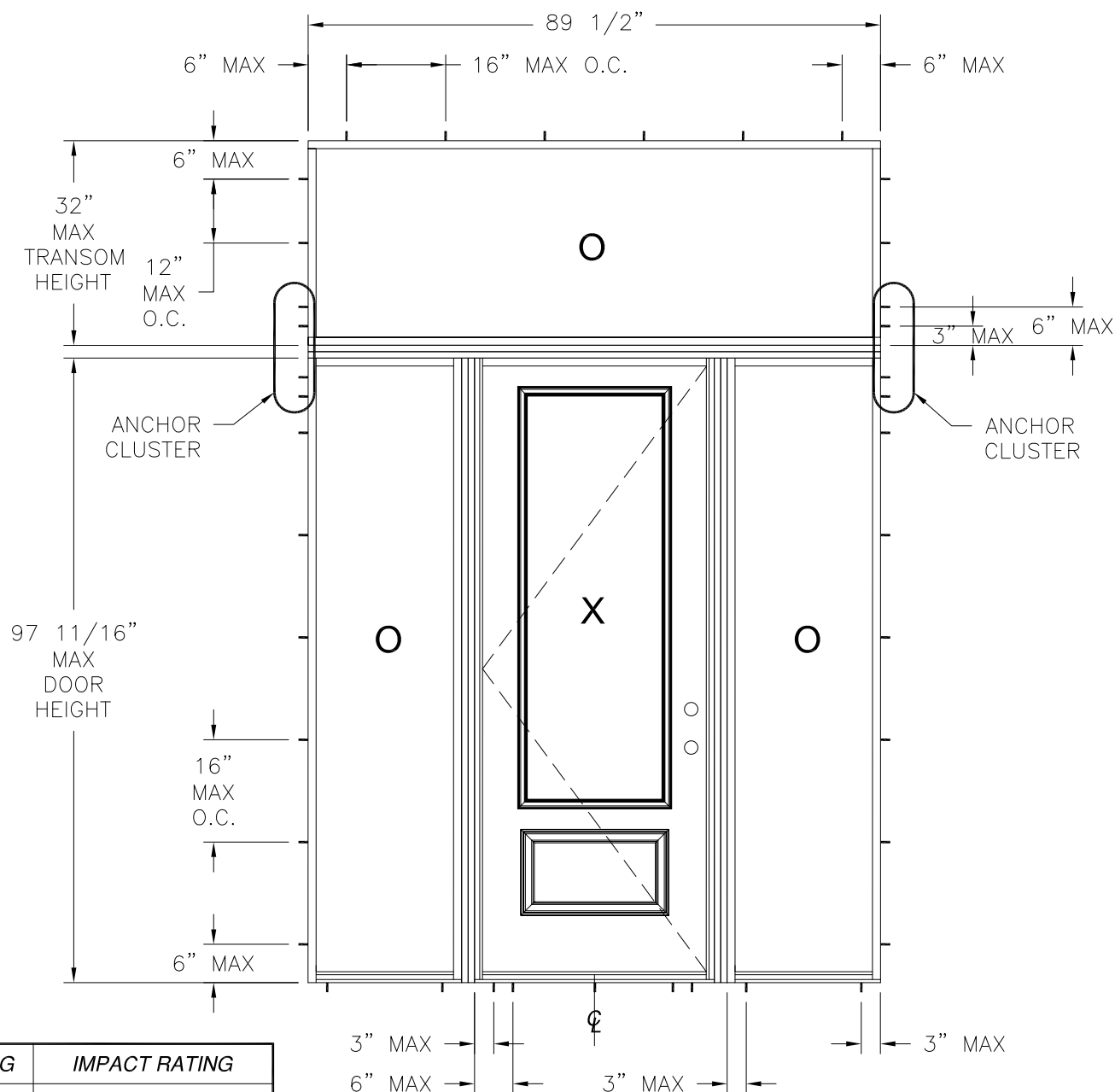
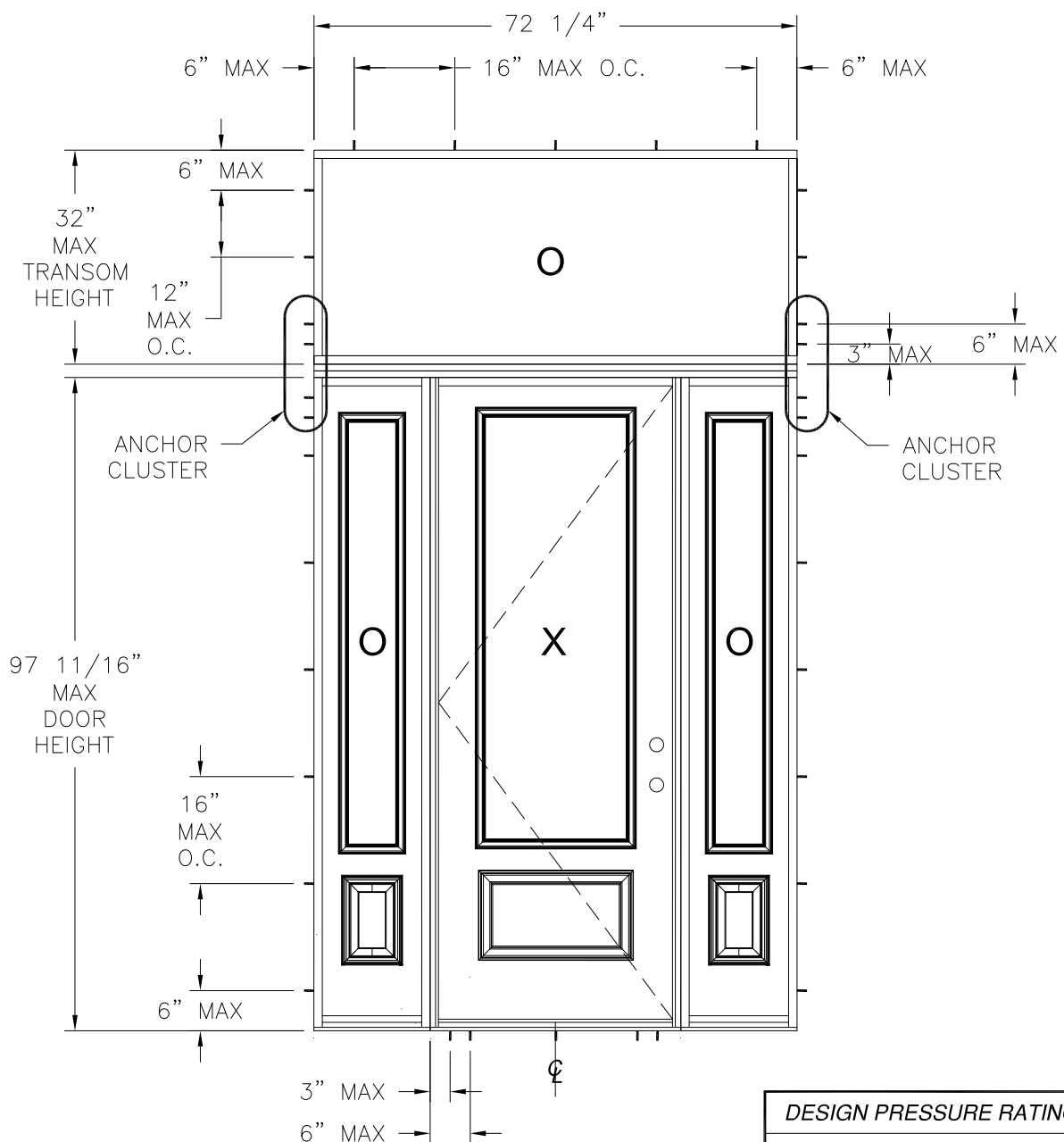
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DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3  
**SIGNET IS SINGLE DOOR W/SIDELITES AND TRANSOM**  
 EXTERIOR VIEW  
 SEE CHARTS IN SHEET 6 FOR RATINGS

**NOTES:**

1. MAX DOOR PANEL SIZE: 35 3/4" X 95"
2. MAX SIDELITE PANEL SIZE W/TRIM: 17 3/8" X 97 11/16"
3. MAX SIDELITE PANEL SIZE DIRECT SET: 24" X 97 11/16"
4. MAX DOOR PANEL D.L.O.: 21 1/8" X 79 1/16"
5. MAX SIDELITE PANEL D.L.O. W/TRIM: 7" X 79 1/16"
6. SIDELITE PANEL D.L.O. DIRECT SET 21 1/8" X 93 1/2"

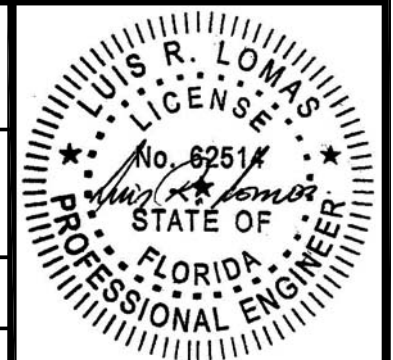
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SIGNET INSWING ENTRY DOOR SYSTEM  
 W/TRANSOM - IMPACT  
 SINGLE W/SIDELITES AND TRANSOM ELEVATIONS

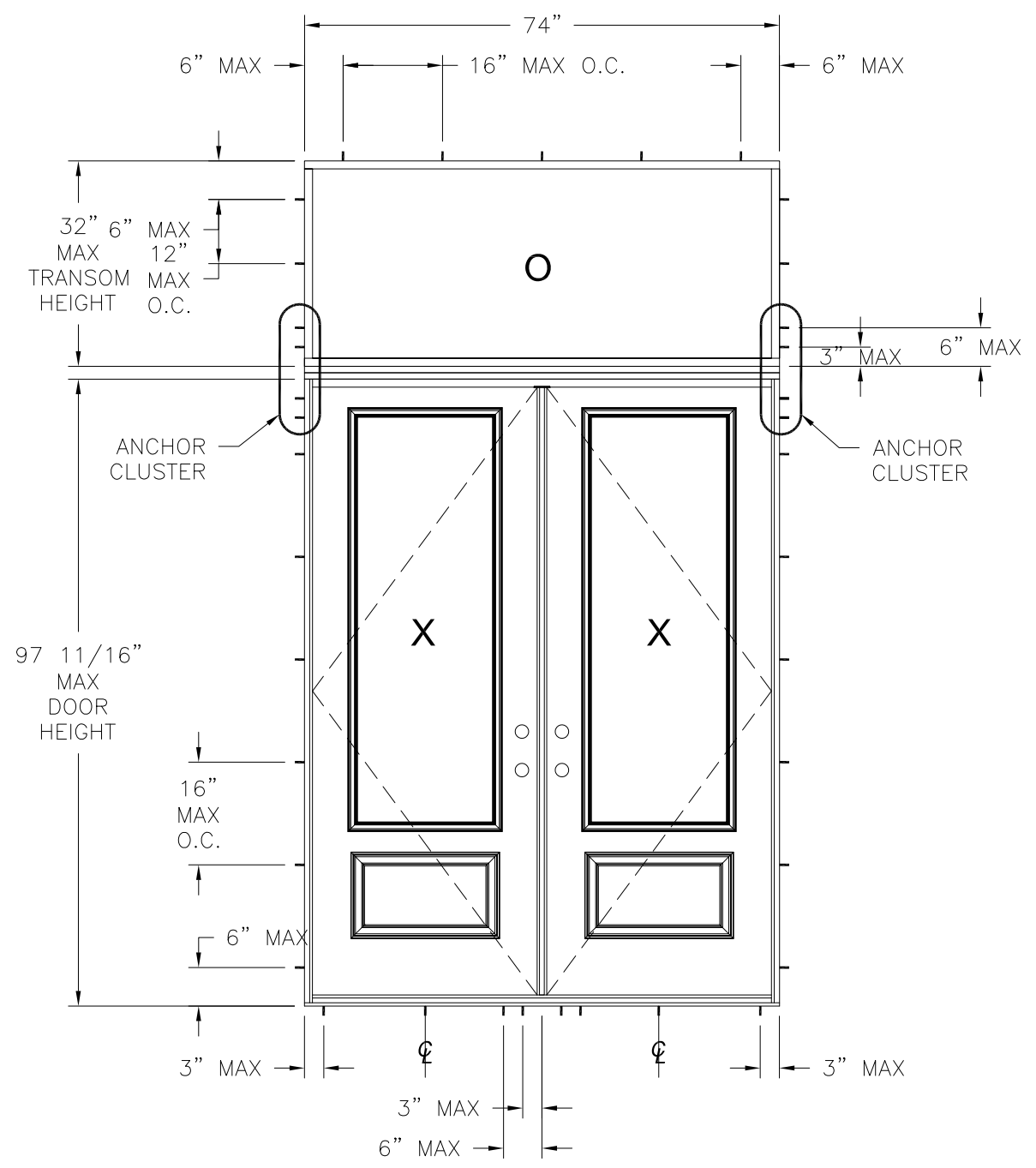
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DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3  
**SIGNET IS DOUBLE DOOR W/TRANSOM**  
 EXTERIOR VIEW  
 SEE CHARTS THIS SHEET FOR RATINGS

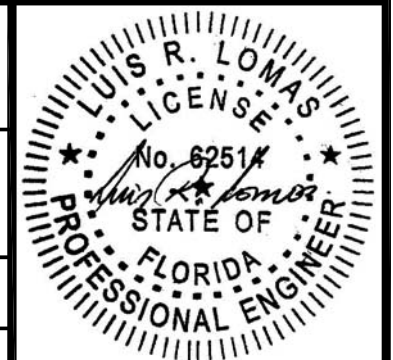
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SIGNET INSWING ENTRY DOOR SYSTEM  
 W/TRANSOM - IMPACT  
 DOUBLE W/TRANSOM ELEVATION

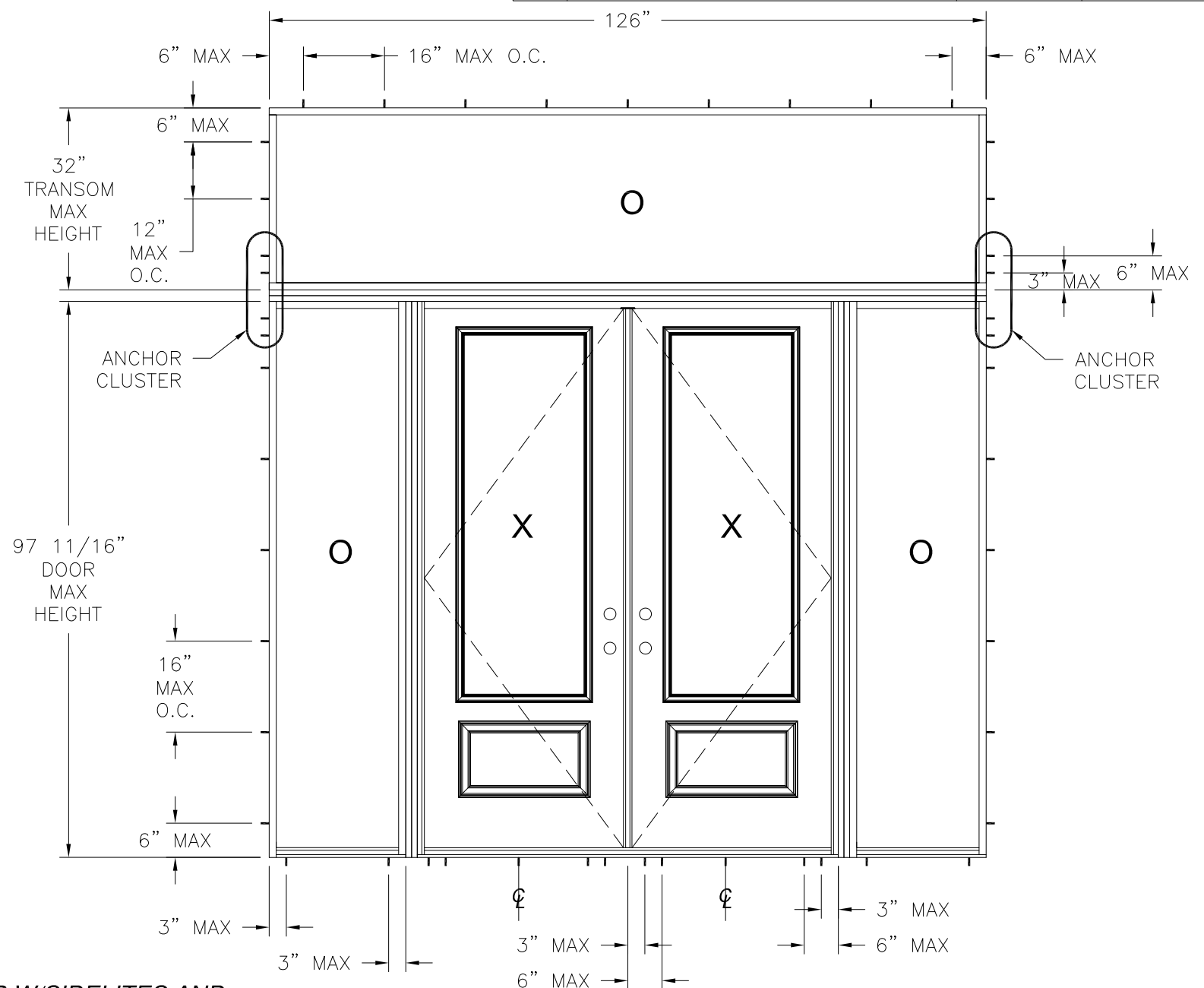
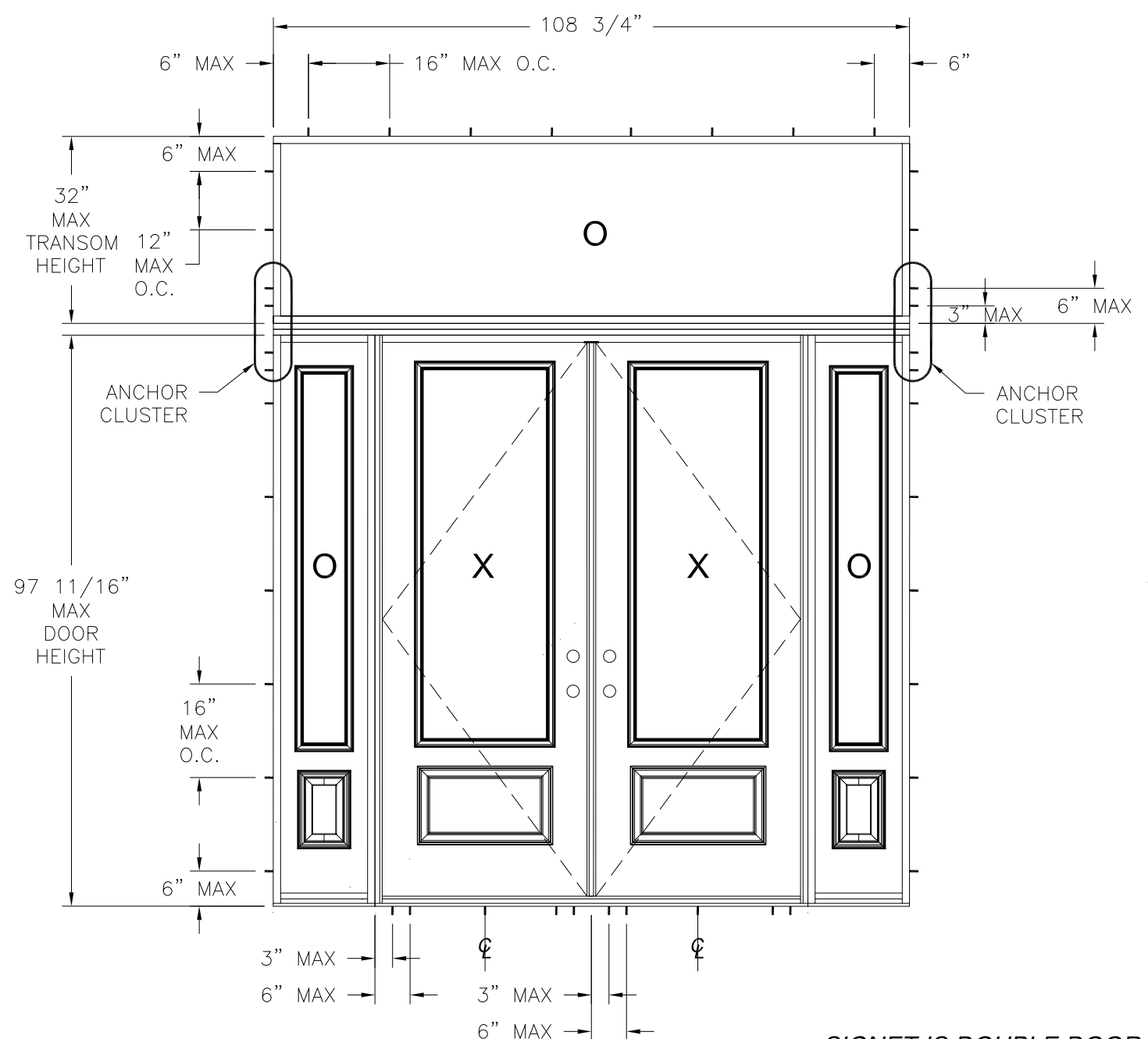
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**SIGNET IS DOUBLE DOOR W/SIDELITES AND TRANSOM**  
 EXTERIOR VIEW  
 SEE CHARTS SHEET 6 FOR RATINGS

SIGNED: 09/09/2021

- NOTES:**
1. MAX DOOR PANEL SIZE: 35 3/4" X 95"
  2. MAX SIDELITE PANEL SIZE W/TRIM: 17 3/8" X 97 11/16"
  3. MAX SIDELITE PANEL SIZE DIRECT SET: 24" X 97 11/16"
  4. MAX DOOR PANEL D.L.O.: 21 1/8" X 79 1/16"
  5. MAX SIDELITE PANEL D.L.O. W/TRIM: 7" X 79 1/16"
  6. SIDELITE PANEL D.L.O. DIRECT SET 21 1/8" X 93 1/2"

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SIGNET INSWING ENTRY DOOR SYSTEM  
 W/TRANSOM - IMPACT  
 DOUBLE W/SIDELITES AND TRANSOM ELEVATIONS

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**Double door w/12in sidelites and 16in transom (psf)**

Height (in)		Span and door panel width (in)				
		72.00	78.00	84.00	90.00	98.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	16.00	50.0	50.0	50.0	50.0	50.0
84.00	16.00	50.0	50.0	50.0	50.0	50.0
88.00	16.00	50.0	50.0	50.0	50.0	50.0
92.00	16.00	50.0	50.0	50.0	50.0	50.0
97.69	16.00	50.0	50.0	50.0	50.0	50.0

**Double door w/12in sidelites and 24in transom (psf)**

Height (in)		Span and door panel width (in)				
		72.00	78.00	84.00	90.00	98.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	24.00	50.0	50.0	50.0	50.0	50.0
84.00	24.00	50.0	50.0	50.0	50.0	50.0
88.00	24.00	50.0	50.0	50.0	50.0	50.0
92.00	24.00	50.0	50.0	50.0	50.0	50.0
97.69	24.00	50.0	50.0	50.0	50.0	50.0

**Double door w/12in sidelites and 32in transom (psf)**

Height (in)		Span and door panel width (in)				
		72.00	78.00	84.00	90.00	98.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	32.00	50.0	50.0	50.0	50.0	50.0
84.00	32.00	50.0	50.0	50.0	50.0	50.0
88.00	32.00	50.0	50.0	50.0	50.0	50.0
92.00	32.00	50.0	50.0	50.0	50.0	50.0
97.69	32.00	50.0	50.0	50.0	50.0	50.0

**Double door w/18in sidelites and 16in transom (psf)**

Height (in)		Span and door panel width (in)				
		84.00	90.00	96.00	102.00	110.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	16.00	50.0	50.0	50.0	50.0	50.0
84.00	16.00	50.0	50.0	50.0	50.0	50.0
88.00	16.00	50.0	50.0	50.0	50.0	50.0
92.00	16.00	50.0	50.0	50.0	50.0	50.0
97.69	16.00	50.0	50.0	50.0	50.0	48.9

**Double door w/18in sidelites and 24in transom (psf)**

Height (in)		Span and door panel width (in)				
		84.00	90.00	96.00	102.00	110.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	24.00	50.0	50.0	50.0	50.0	50.0
84.00	24.00	50.0	50.0	50.0	50.0	50.0
88.00	24.00	50.0	50.0	50.0	50.0	49.4
92.00	24.00	50.0	50.0	50.0	50.0	47.8
97.69	24.00	50.0	50.0	50.0	50.0	45.6

**Double door w/18in sidelites and 32in transom (psf)**

Height (in)		Span and door panel width (in)				
		84.00	90.00	96.00	102.00	110.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	32.00	50.0	50.0	50.0	50.0	49.4
84.00	32.00	50.0	50.0	50.0	50.0	47.7
88.00	32.00	50.0	50.0	50.0	50.0	46.2
92.00	32.00	50.0	50.0	50.0	50.0	44.8
97.69	32.00	50.0	50.0	50.0	50.0	42.9

**Double door w/24in sidelites and 16in transom (psf)**

Height (in)		Span and door panel width (in)				
		96.00	102.00	108.00	114.00	122.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	16.00	50.0	50.0	50.0	50.0	41.8
84.00	16.00	50.0	50.0	50.0	49.1	40.1
88.00	16.00	50.0	50.0	50.0	47.3	38.6
92.00	16.00	50.0	50.0	50.0	45.6	37.3
97.69	16.00	50.0	50.0	50.0	43.3	35.4

**Double door w/24in sidelites and 24in transom (psf)**

Height (in)		Span and door panel width (in)				
		96.00	102.00	108.00	114.00	122.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	24.00	50.0	50.0	50.0	47.2	38.5
84.00	24.00	50.0	50.0	50.0	45.5	37.2
88.00	24.00	50.0	50.0	50.0	43.9	35.9
92.00	24.00	50.0	50.0	49.8	42.4	34.7
97.69	24.00	50.0	50.0	47.6	40.5	33.1

**Double door w/24in sidelites and 32in transom (psf)**

Height (in)		Span and door panel width (in)				
		96.00	102.00	108.00	114.00	122.00
Door	Transom	24.00	27.00	30.00	33.00	37.00
80.00	32.00	50.0	50.0	50.0	43.9	35.9
84.00	32.00	50.0	50.0	49.9	42.5	34.7
88.00	32.00	50.0	50.0	48.3	41.1	33.5
92.00	32.00	50.0	50.0	46.8	39.8	32.5
97.69	32.00	50.0	50.0	44.7	38.1	31.1

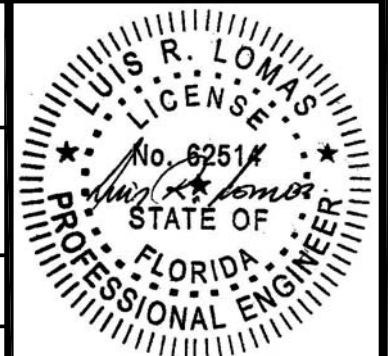
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SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
DOUBLE W/SIDELITES AND TRANSOM ELEVATIONS

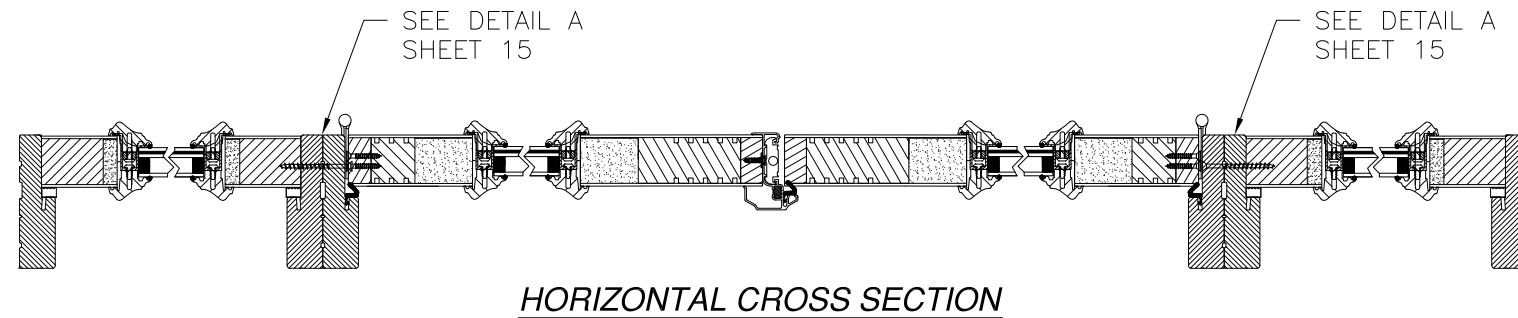
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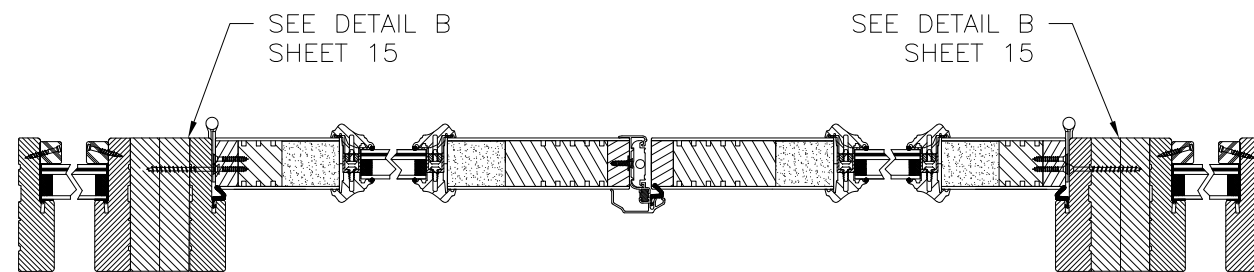


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HORIZONTAL CROSS SECTION



HORIZONTAL CROSS SECTION

HARDWARE SCHEDULE	
A.	(1) KEYED DOORKNOB LOCKING ASSEMBLY AT ACTIVE LEAF, STRIKE RAIL 35" (LEVER) AND 41" (KEYED/THUMB TURN) UP FROM BOTTOM
B.	(1) KEYED DEADBOLT W/THUMB-TURN ASSEMBLY AT ACTIVE LEAF, STRIKE RAIL 39" UP FROM BOTTOM
C.	(8) METAL 4" BUTT HINGE AT LEAF(S), 4 PER LEAF/MULLION EVENLY SPACED WITH ONE 7" IN FROM THE TOP AND ONE 6" IN FROM THE BOTTOM OF LEAF
D.	(1) METAL SECURITY PLATE (12") W/METAL STRIKE PLATE AT HEAD, CENTER SPAN (ASTRAGAL THRU-BOLT LOCATION)
E.	F-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE
F.	B-SERIES DEADBOLT ASSEMBLY BY SHLAGE
G.	F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
H.	RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE)
I.	MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE)

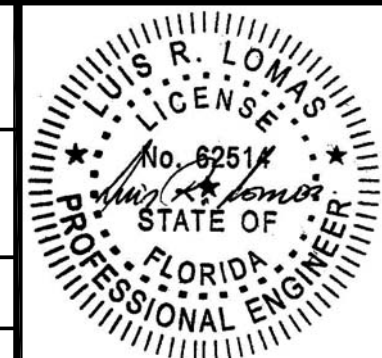
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SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
HORIZONTAL CROSS SECTIONS

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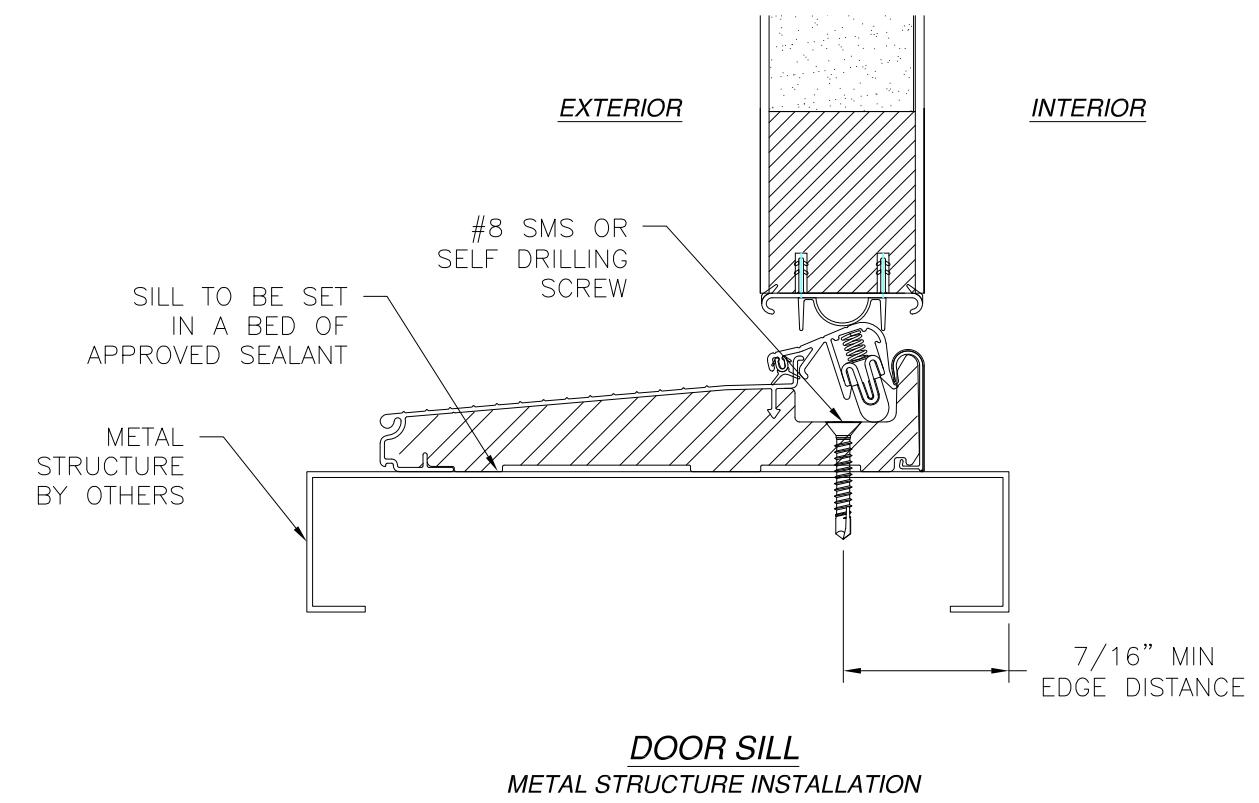
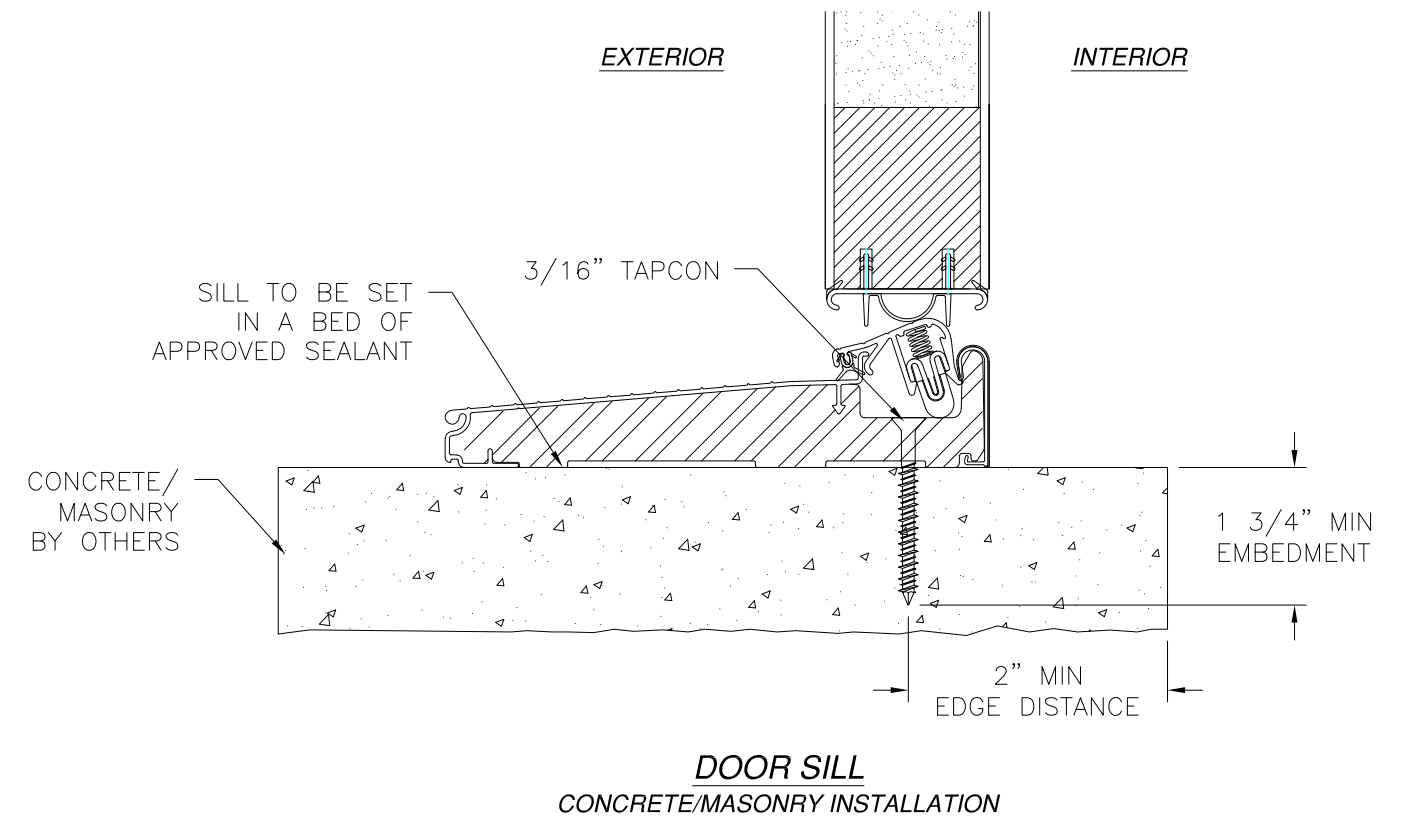
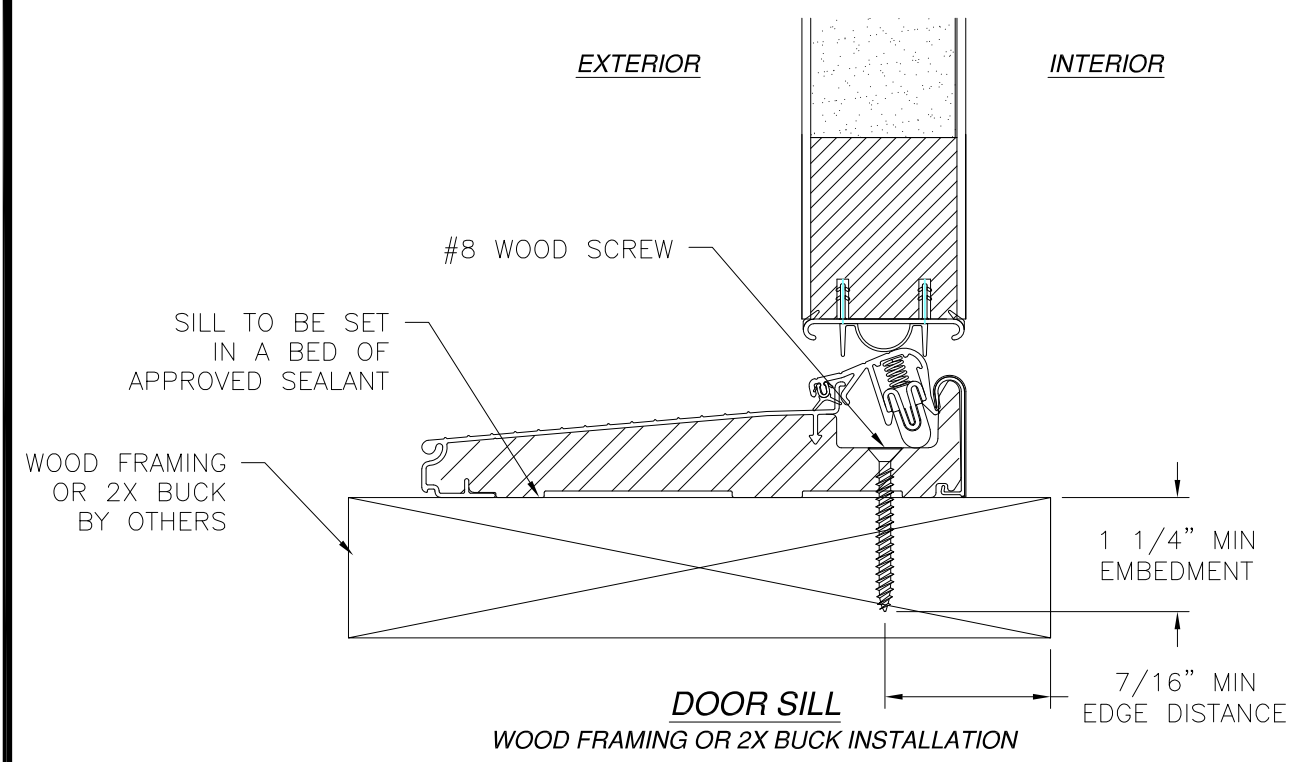
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- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
  2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

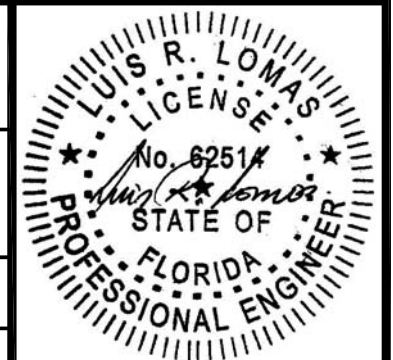
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W/TRANSOM - IMPACT  
DOOR SILL INSTALLATION DETAILS

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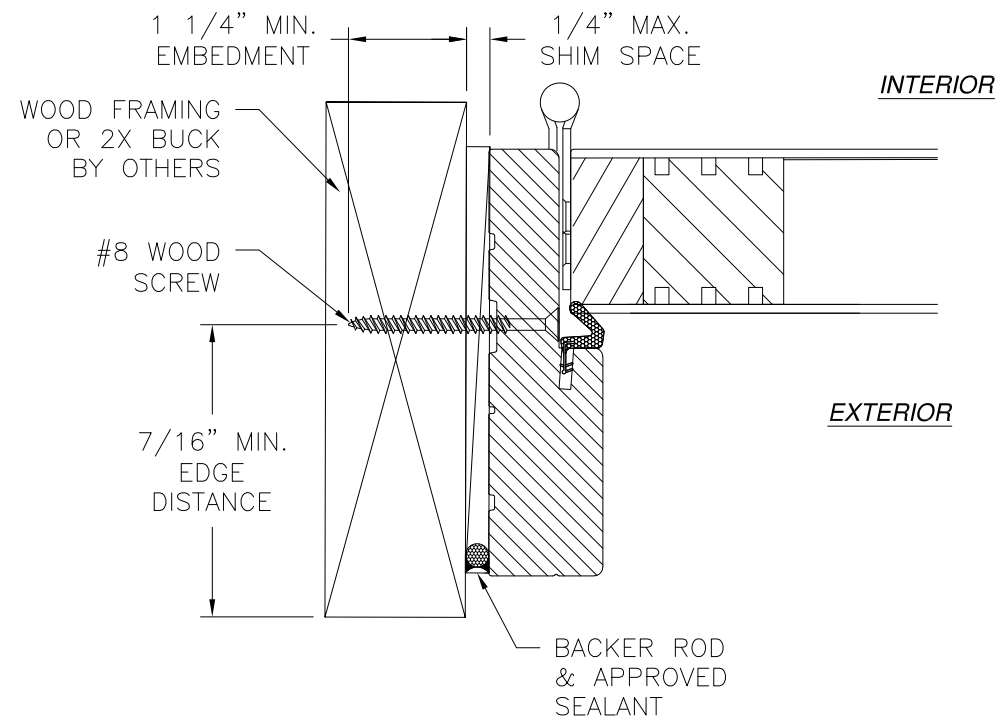
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434-688-0609 rllomas@rlomaspe.com



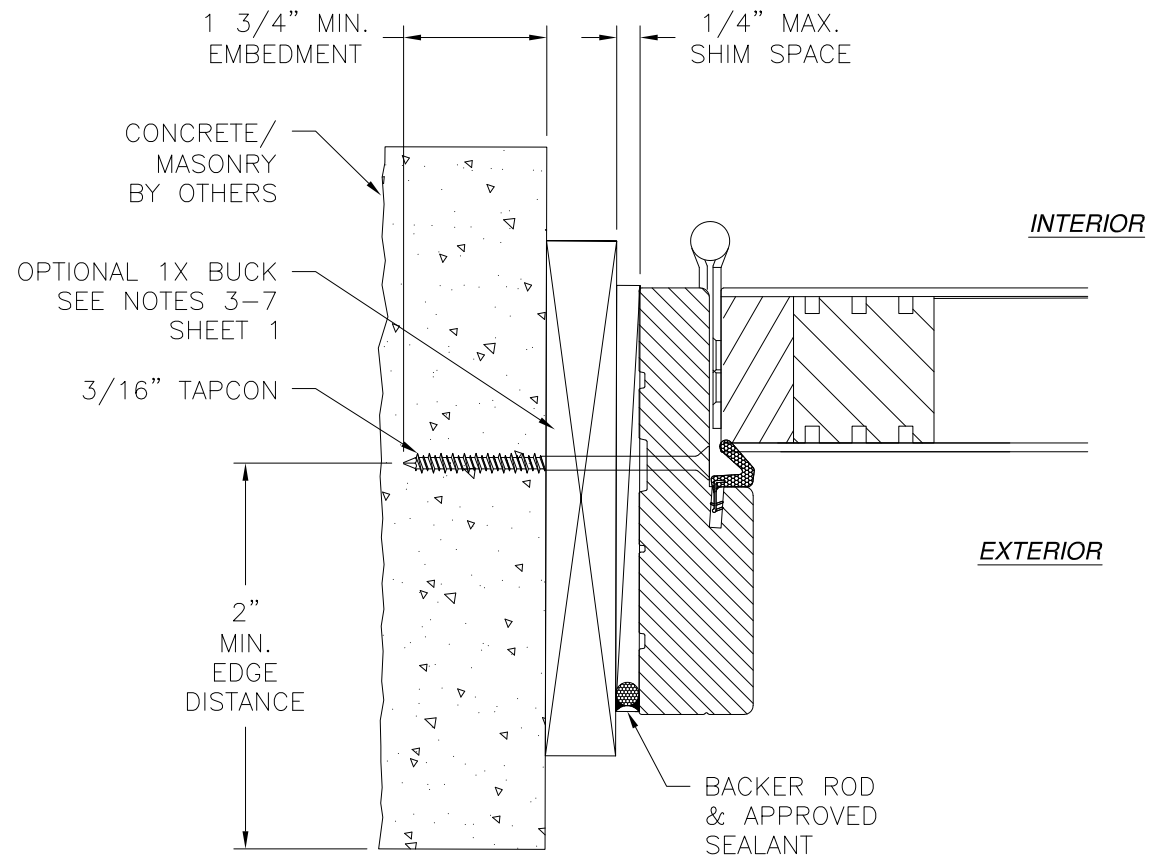
Luis R. Lomas P.E.  
FL No.: 62514



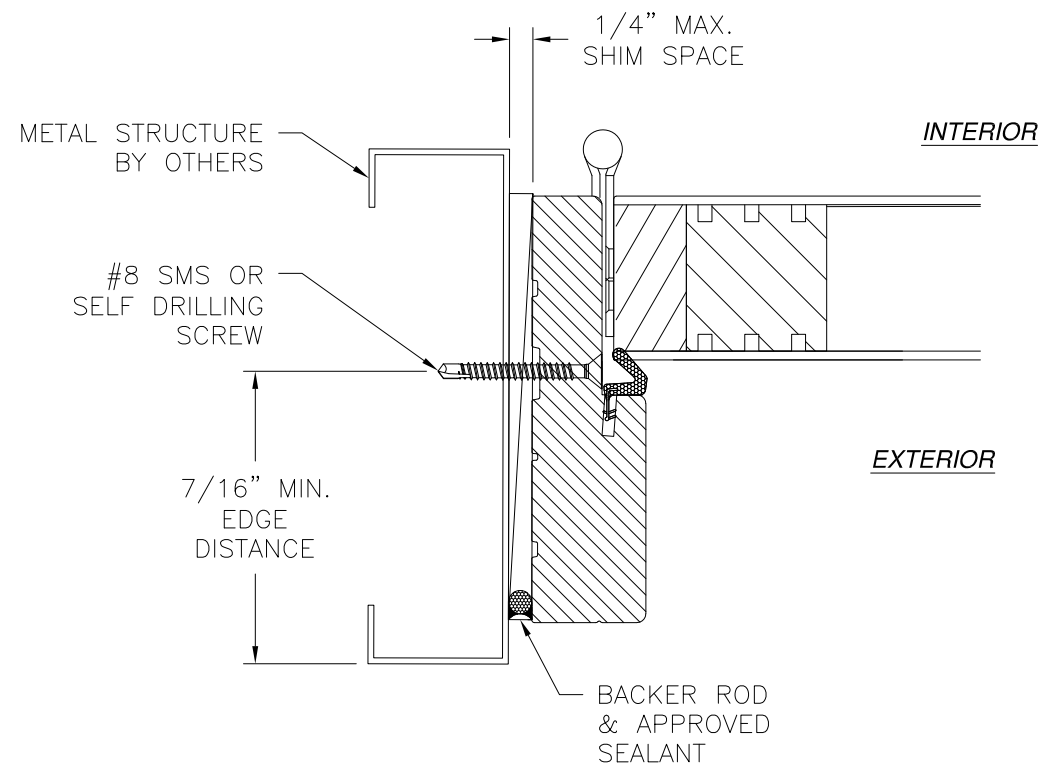
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



**DOOR JAMB**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**DOOR JAMB**  
CONCRETE/MASONRY INSTALLATION



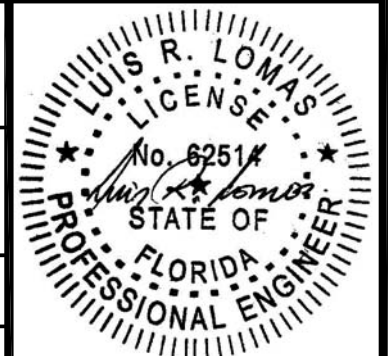
**DOOR JAMB**  
METAL STRUCTURE INSTALLATION

**NOTES:**

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

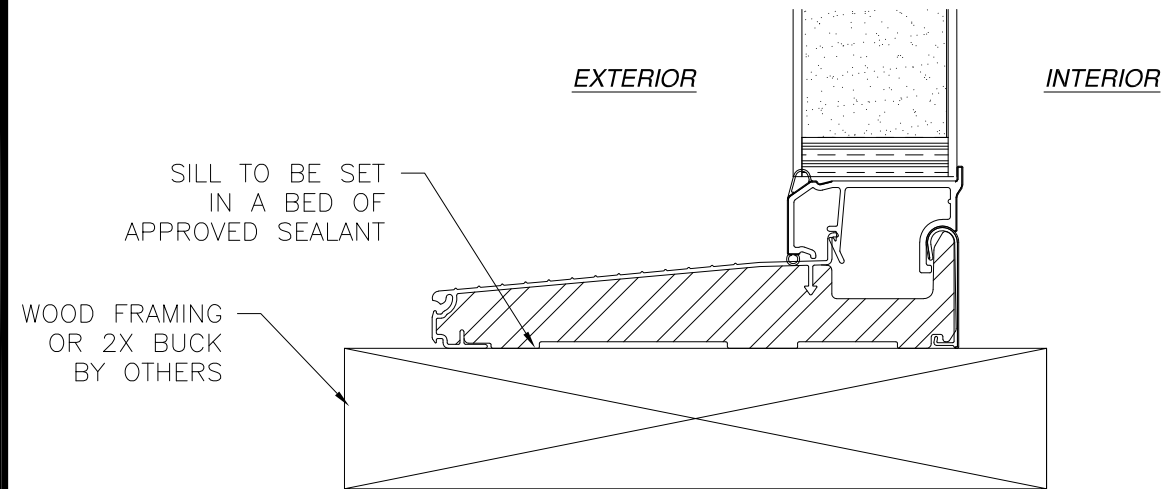
SIGNED: 09/09/2021

<b>PROVIA, LLC.</b> 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT DOOR JAMB INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 9 OF 18
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

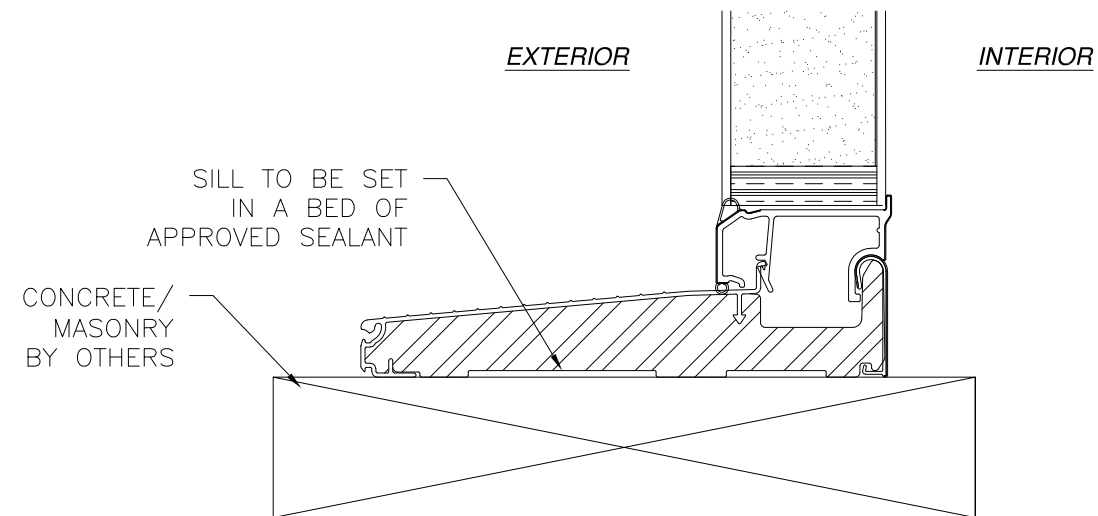


Luis R. Lomas P.E.  
FL No.: 62514

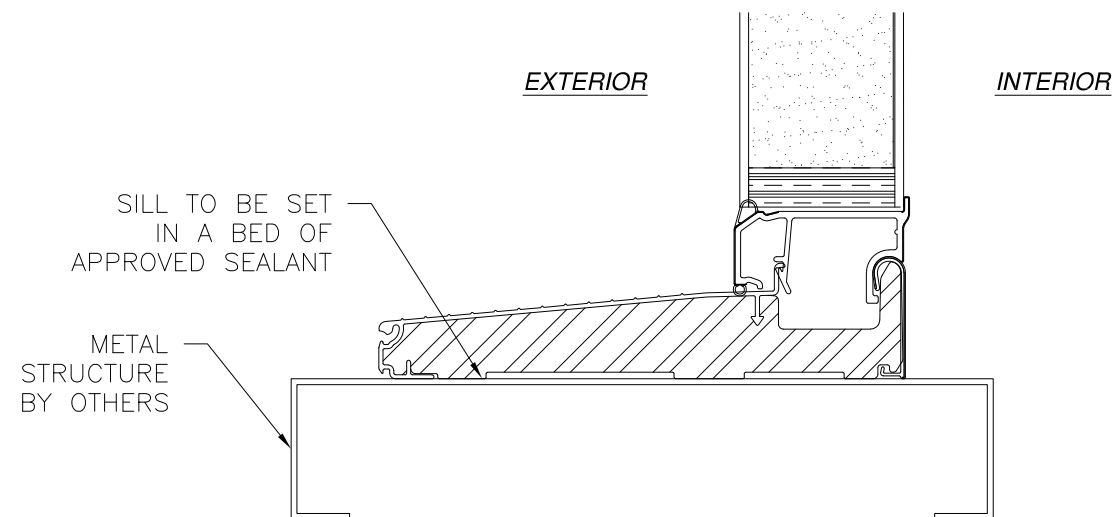
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



**STANDARD SIDELITE**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**STANDARD SIDELITE**  
CONCRETE/MASONRY INSTALLATION

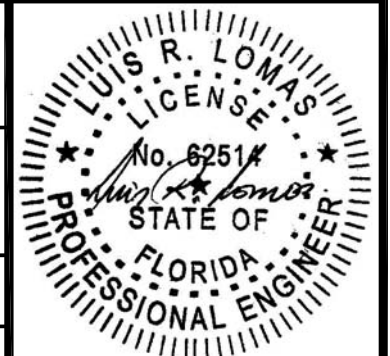


**STANDARD SIDELITE**  
METAL STRUCTURE INSTALLATION

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

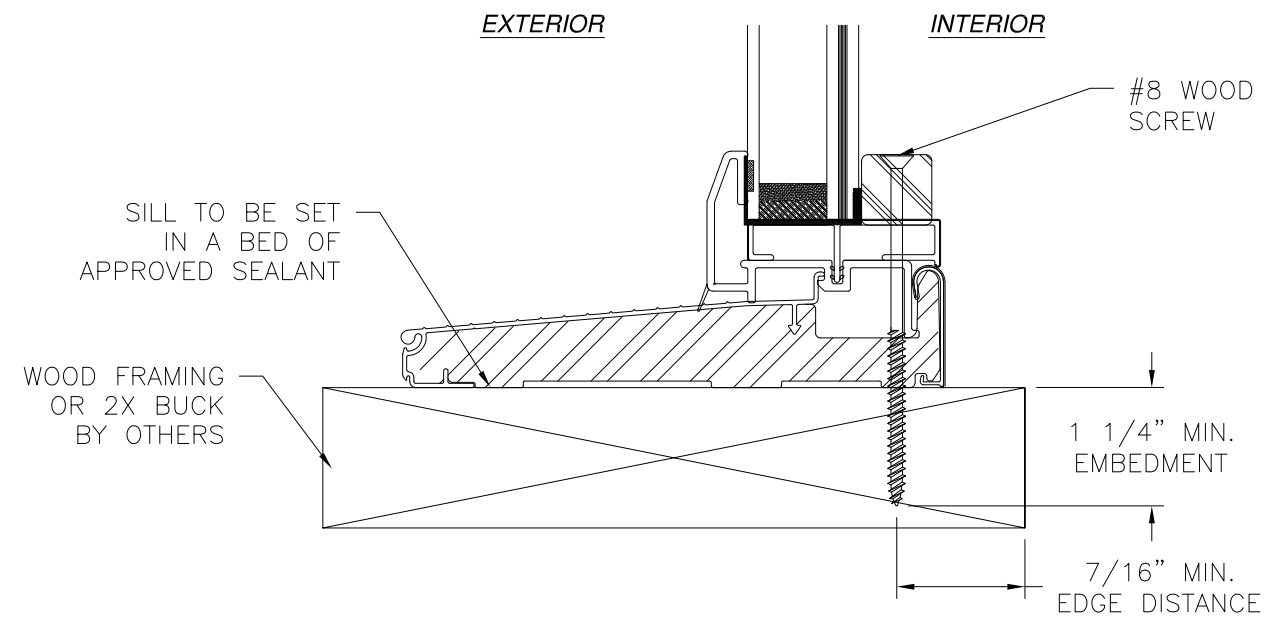
SIGNED: 09/09/2021

<b>PROVIA, LLC.</b> 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT STANDARD SIDELITE SILL INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 10 OF 18
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

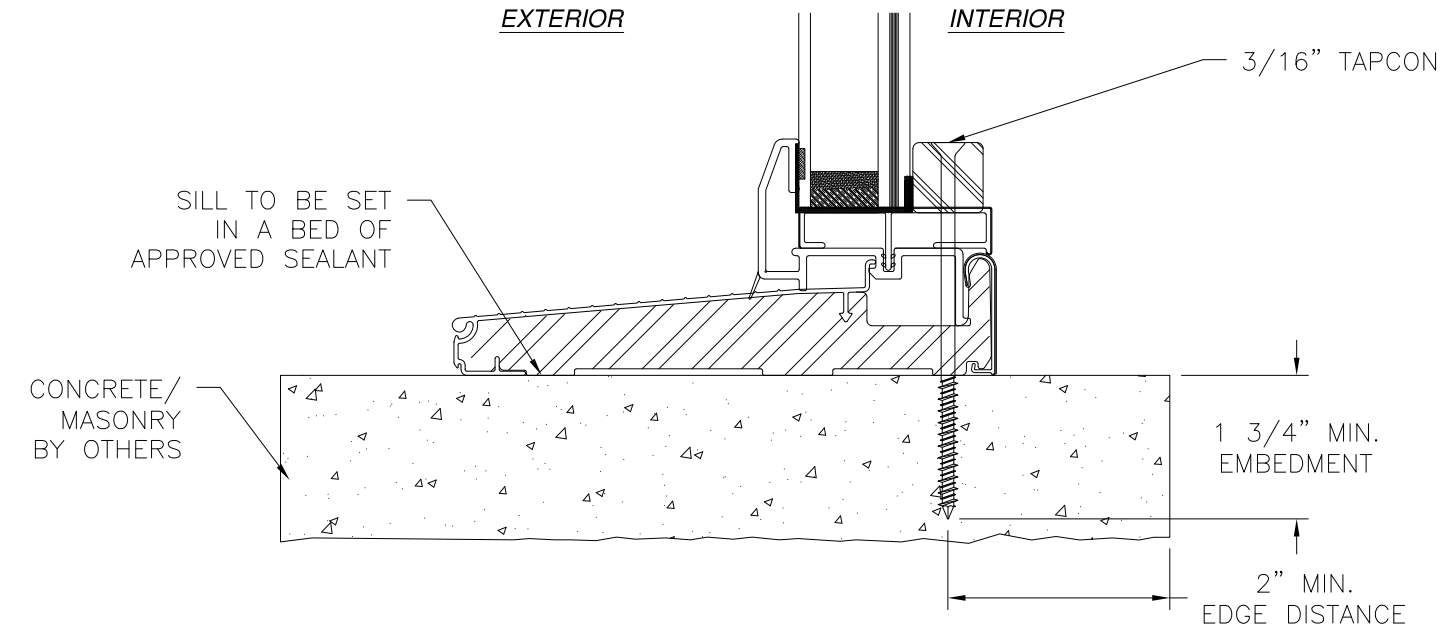


Luis R. Lomas P.E.  
FL No.: 62514

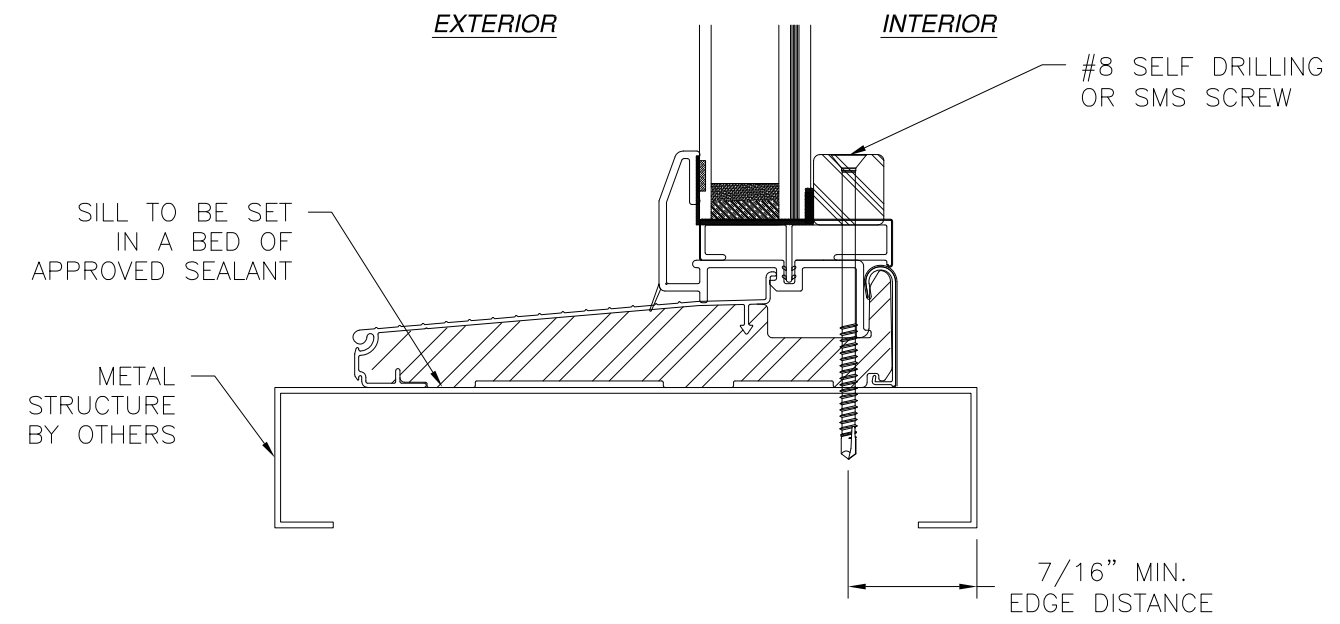
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



**DIRECT SET SIDELITE SILL**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**DIRECT SET SIDELITE SILL**  
CONCRETE/MASONRY INSTALLATION



**DIRECT SET SIDELITE SILL**  
METAL STRUCTURE INSTALLATION

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

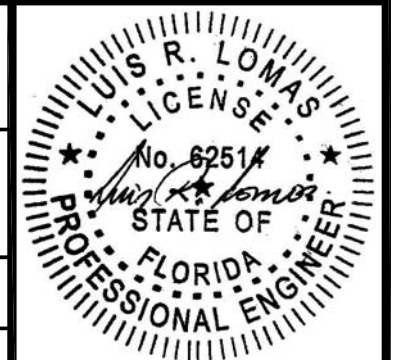
**PROVIA, LLC.**  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
DIRECT SET SIDELITE SILL INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 11 OF 18

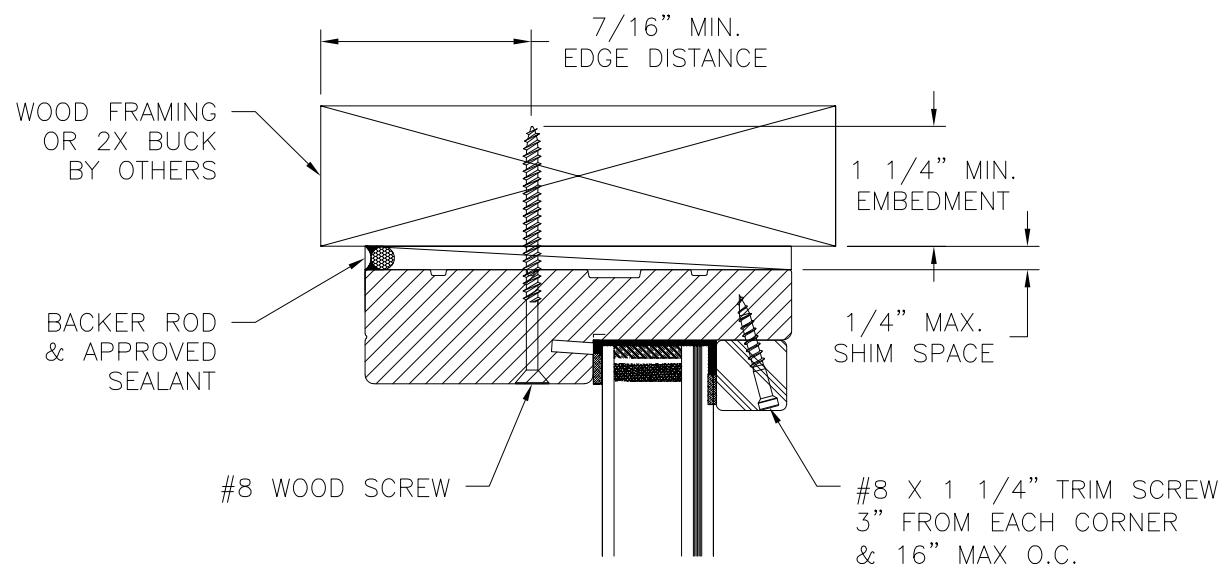
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 09/09/2021

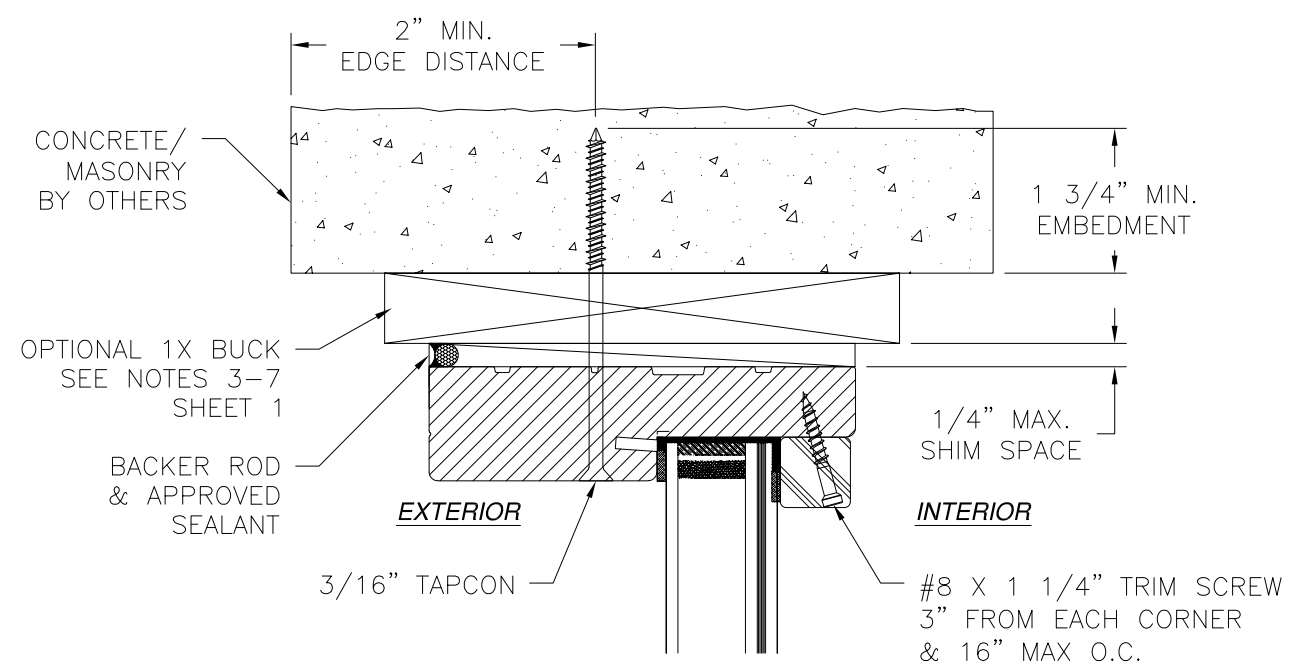


Luis R. Lomas P.E.  
FL No.: 62514

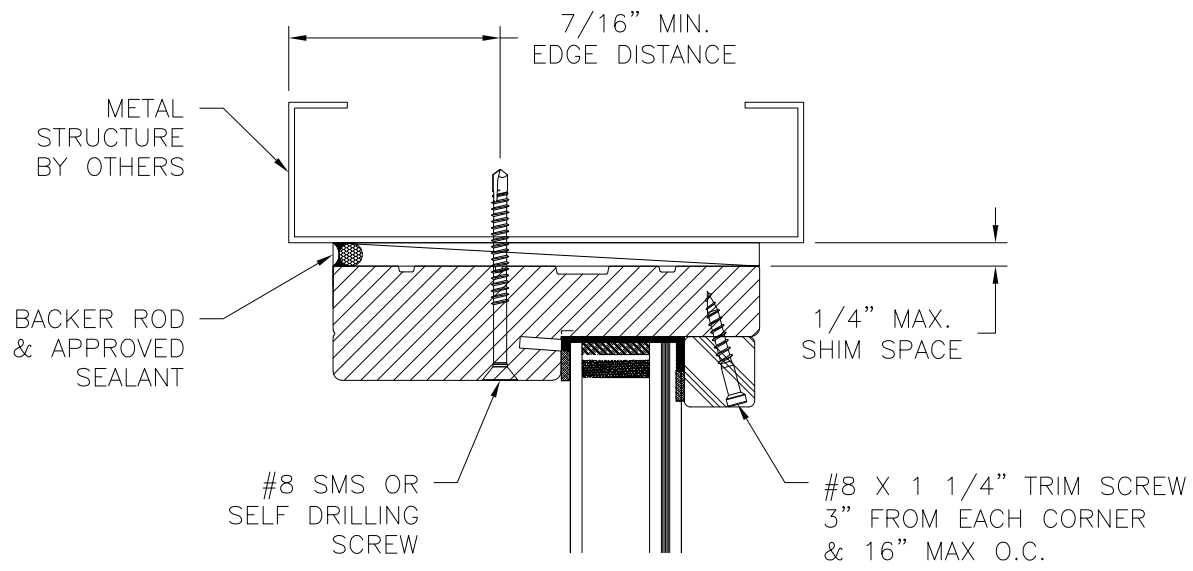
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



**TRANSOM HEAD**  
WOOD FRAME OR 2X BUCK INSTALLATION



**TRANSOM HEAD**  
CONCRETE/MASONRY INSTALLATION



**TRANSOM HEAD**  
METAL STRUCTURE INSTALLATION

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

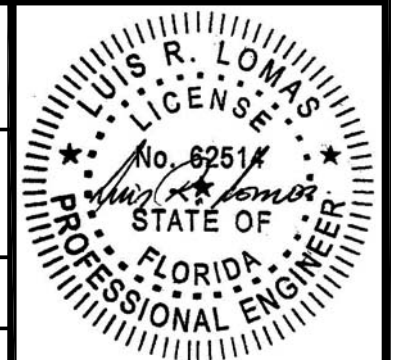
**PROVIA, LLC.**  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
TRANSOM HEAD INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 12 OF 18

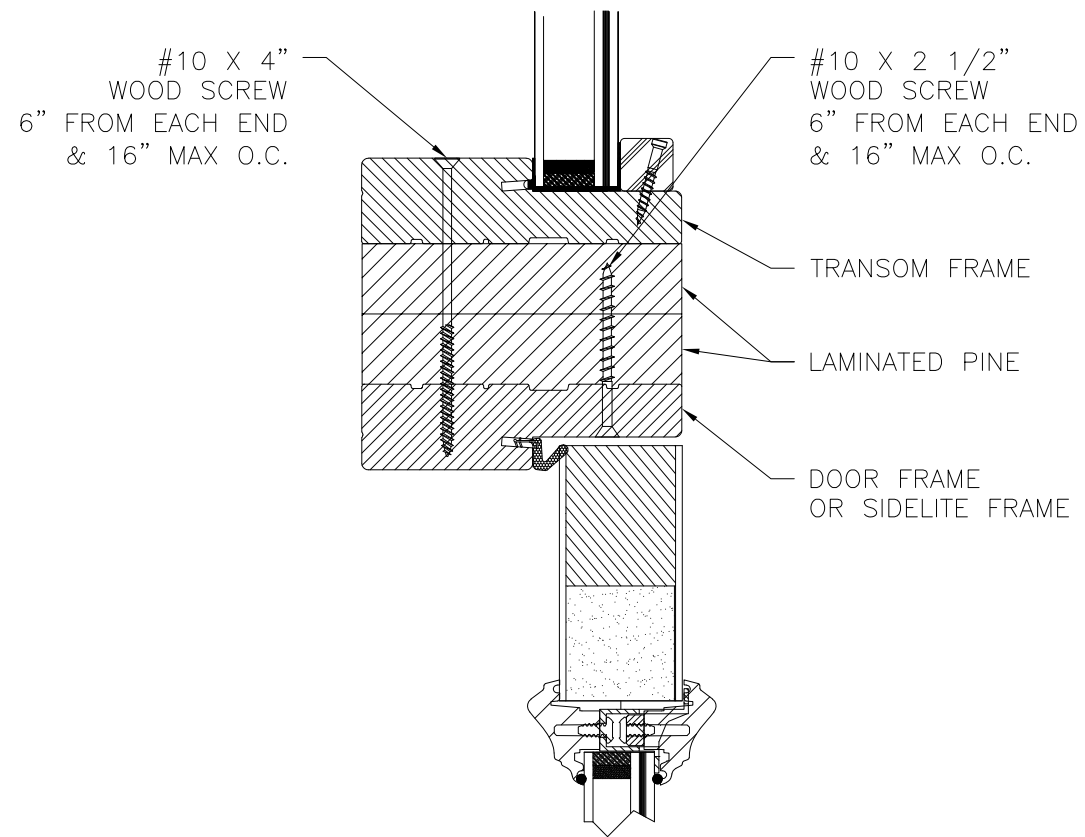
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 09/09/2021

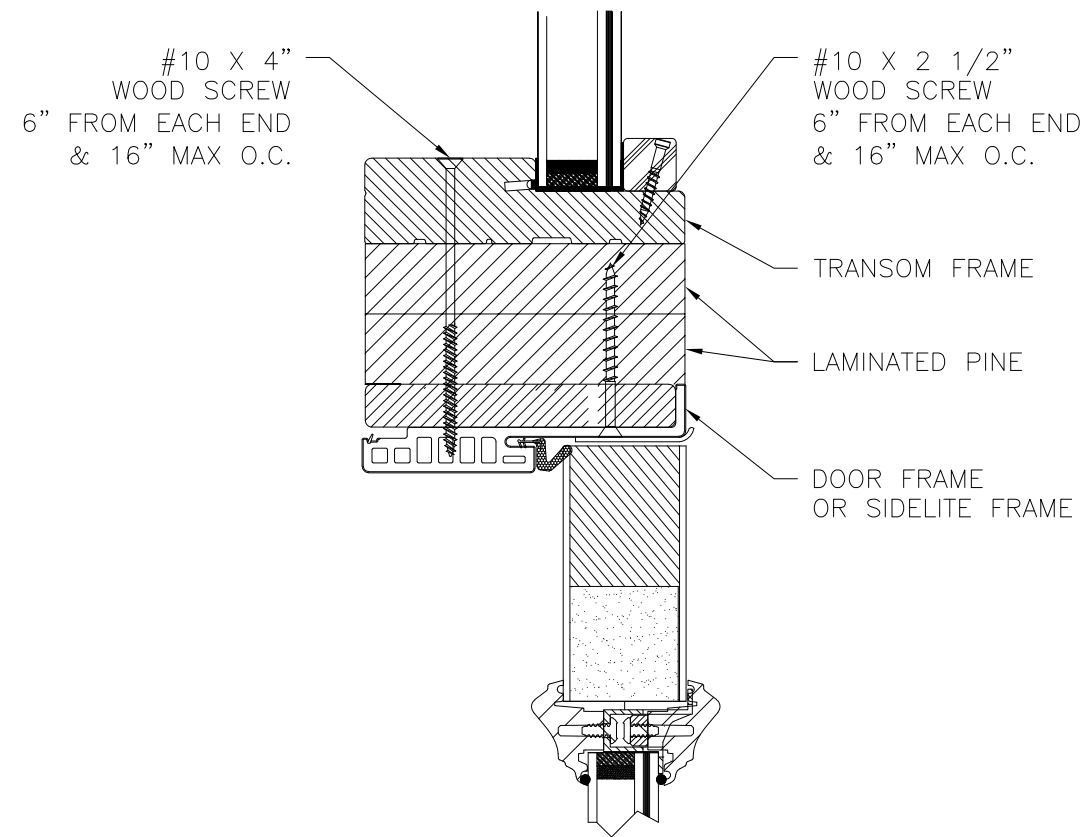


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



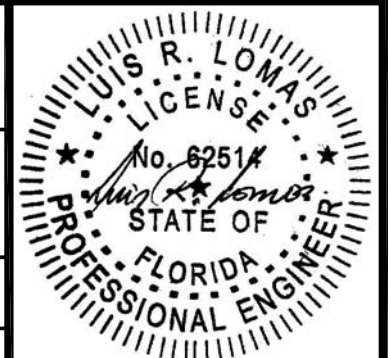
**HORIZONTAL MULLION**  
STANDARD FRAME



**HORIZONTAL MULLION**  
FUSION FRAME

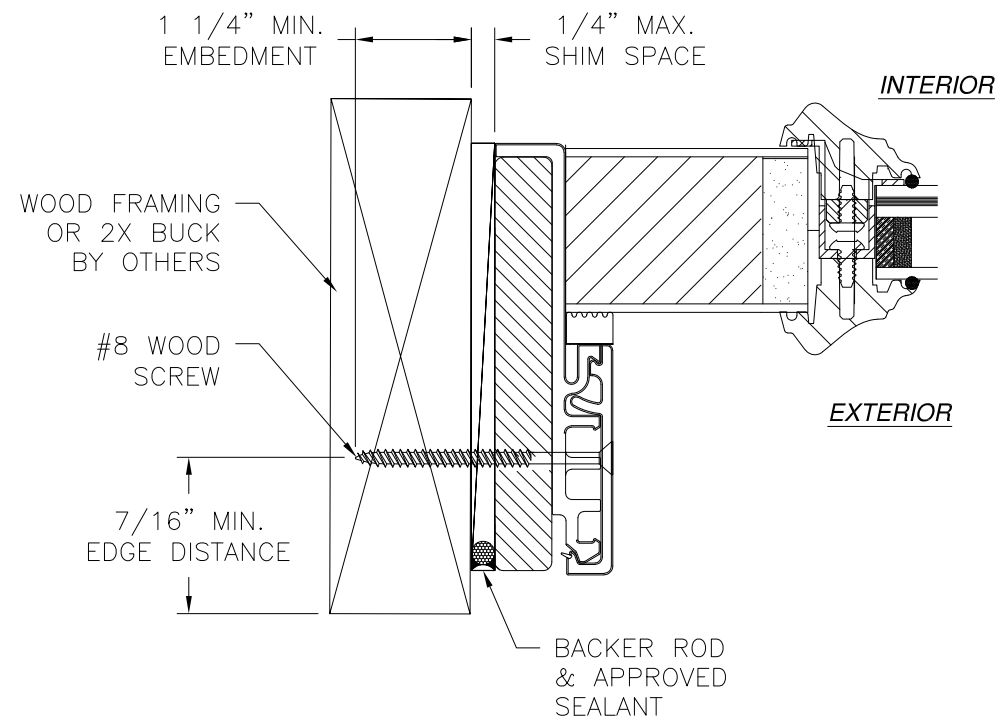
SIGNED: 09/09/2021

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT HORIZONTAL MULLION INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 13 OF 18
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

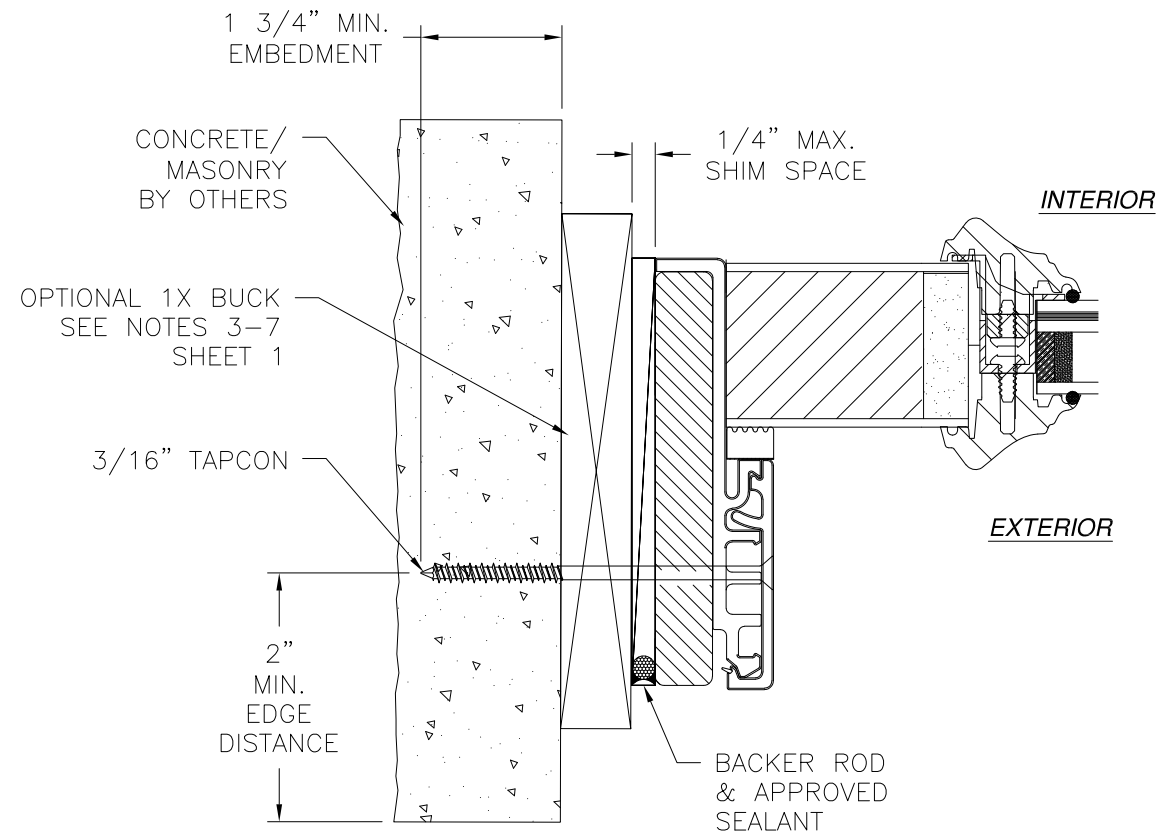


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



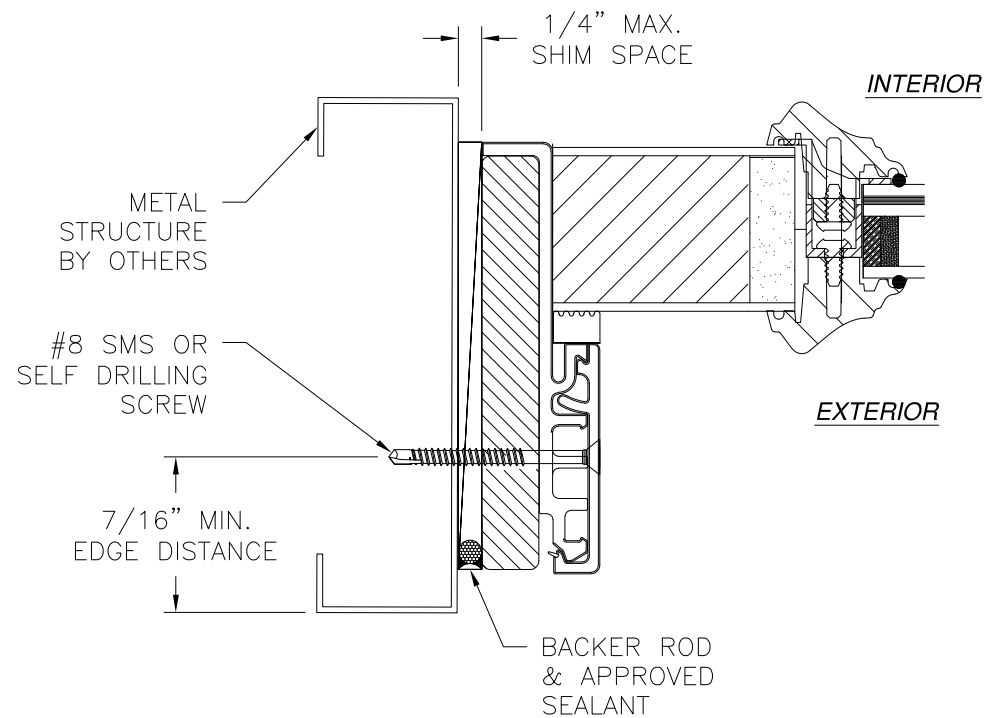
**FUSION FRAME JAMB**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**FUSION FRAME JAMB**  
CONCRETE/MASONRY INSTALLATION

**NOTES:**

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



**FUSION FRAME JAMB**  
METAL STRUCTURE INSTALLATION

**NOTES:**

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

**PROVIA, LLC.**  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

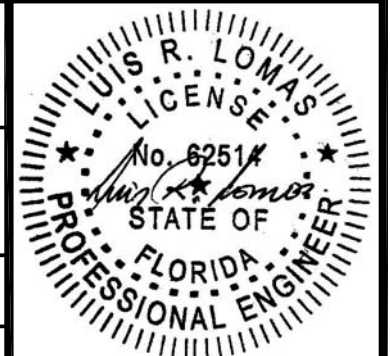
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SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
INSTALLATION DETAILS W/FUSION FRAME

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 14 OF 18

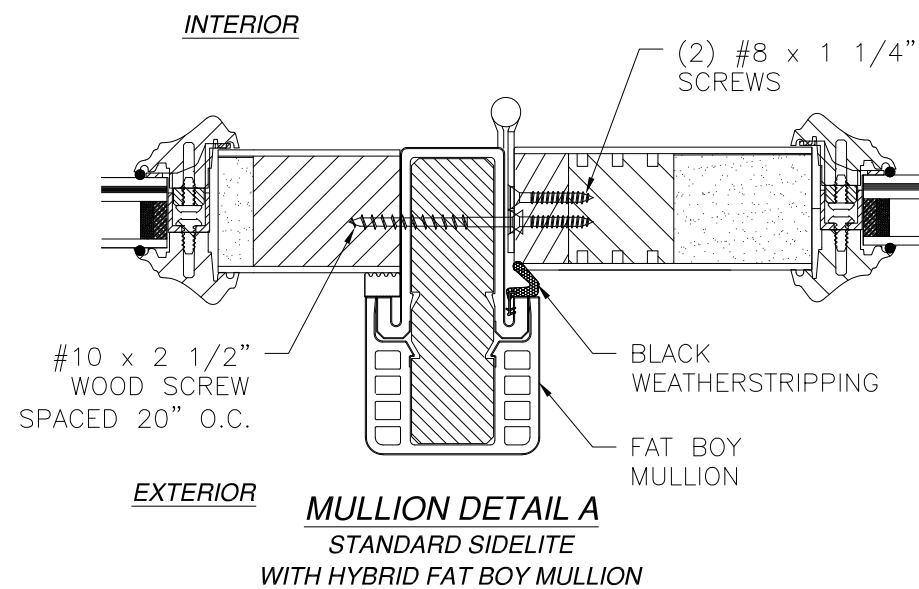
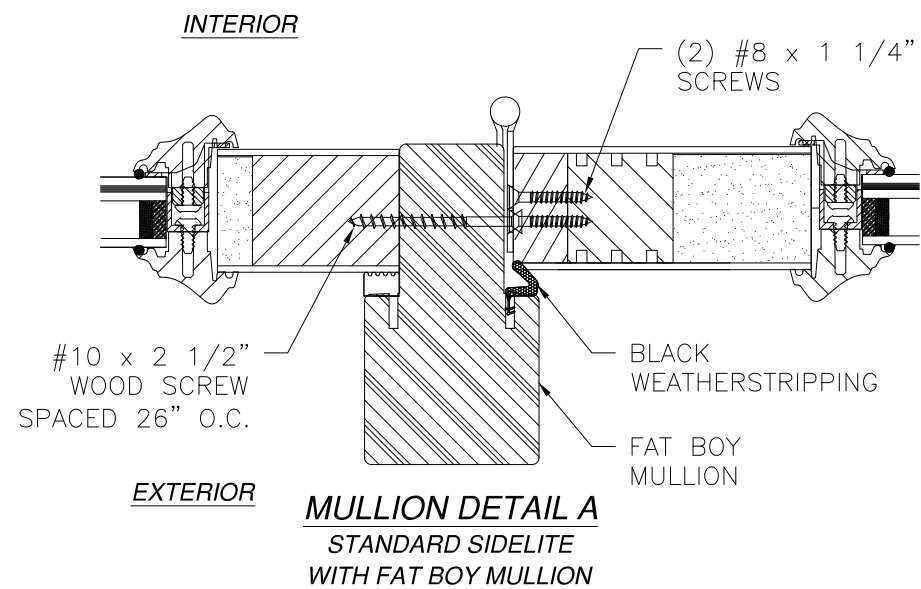
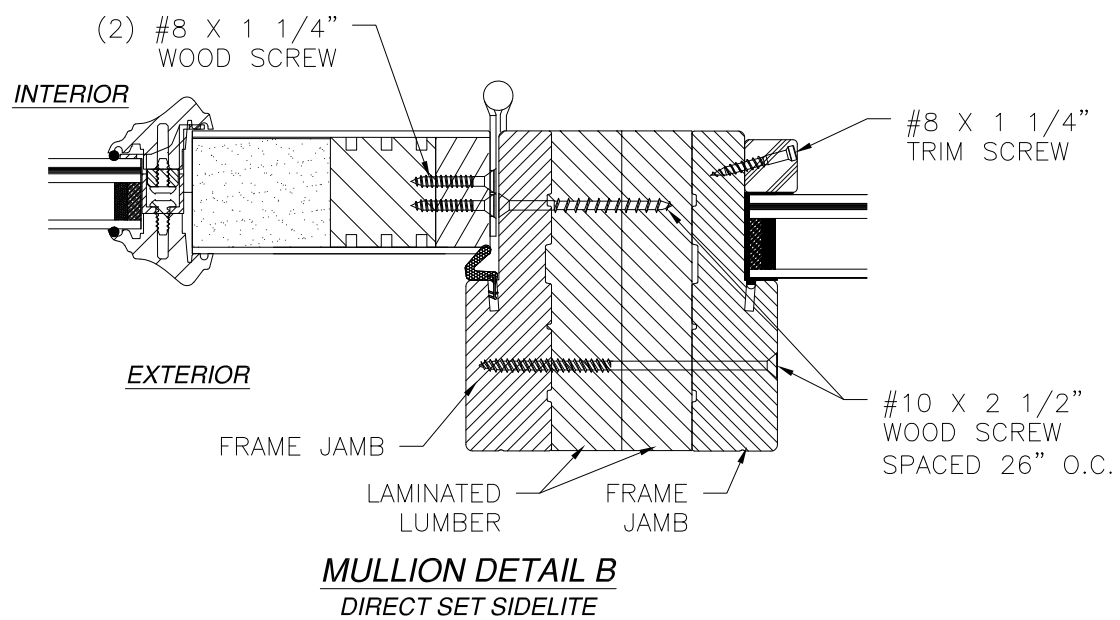
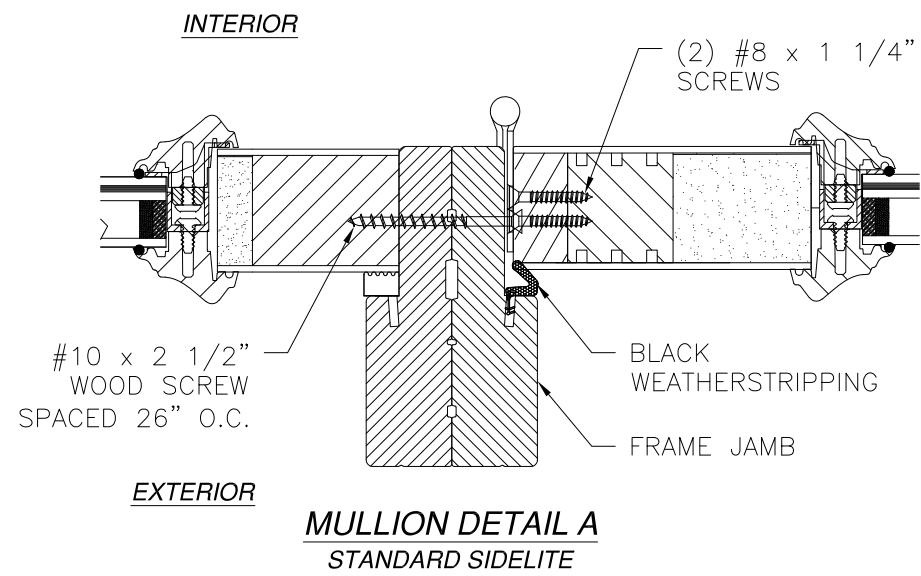
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 09/09/2021



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



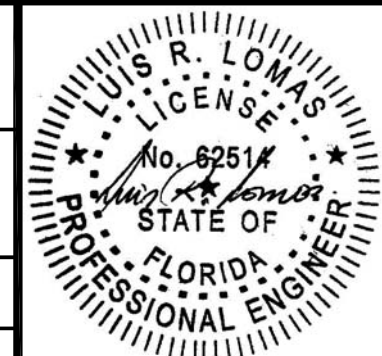
SIGNED: 09/09/2021

PROVIA, LLC.  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
MULLIONS DETAILS

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 15 OF 18

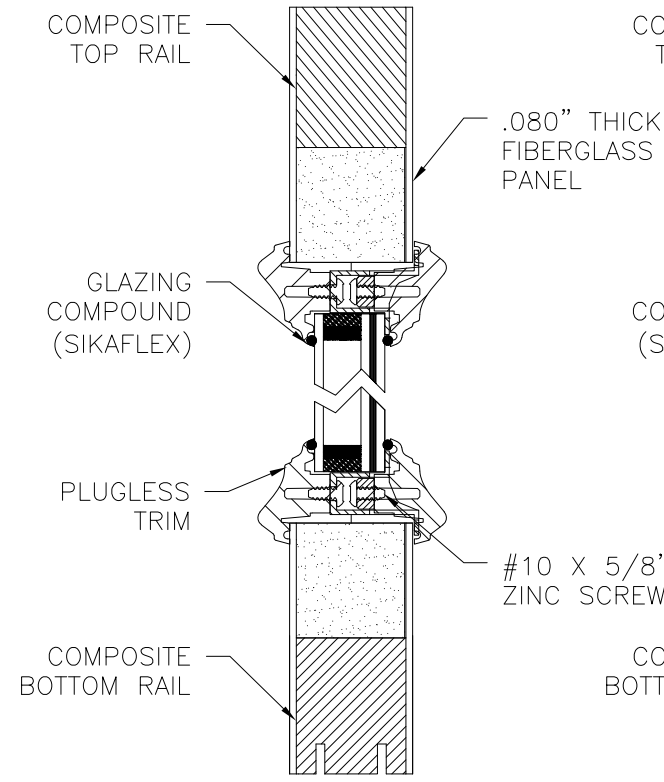
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com



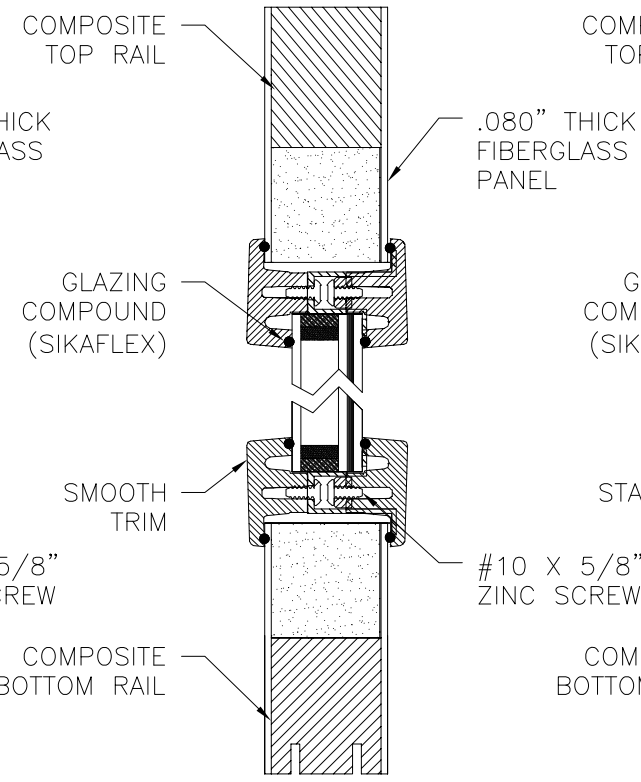
Luis R. Lomas P.E.  
FL No.: 62514

# APPROVED SLABS AND TRIMS

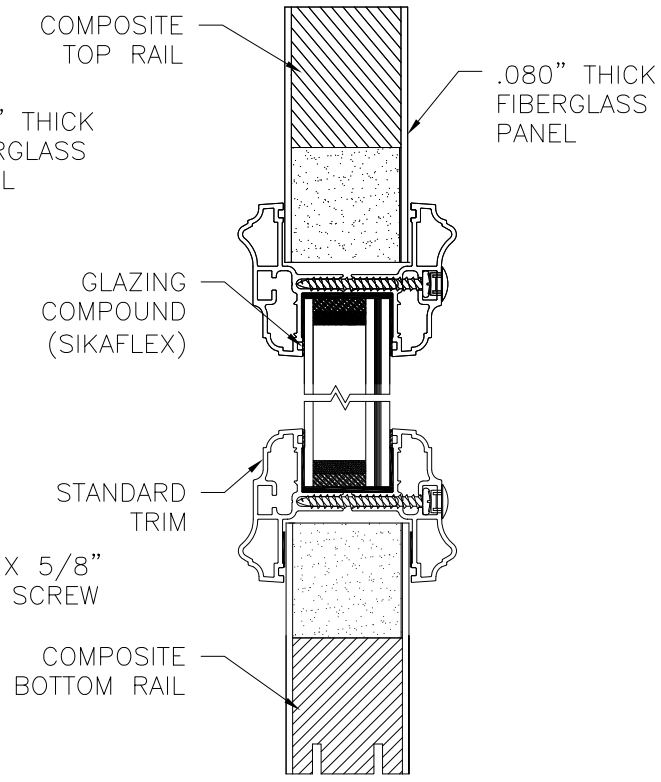
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



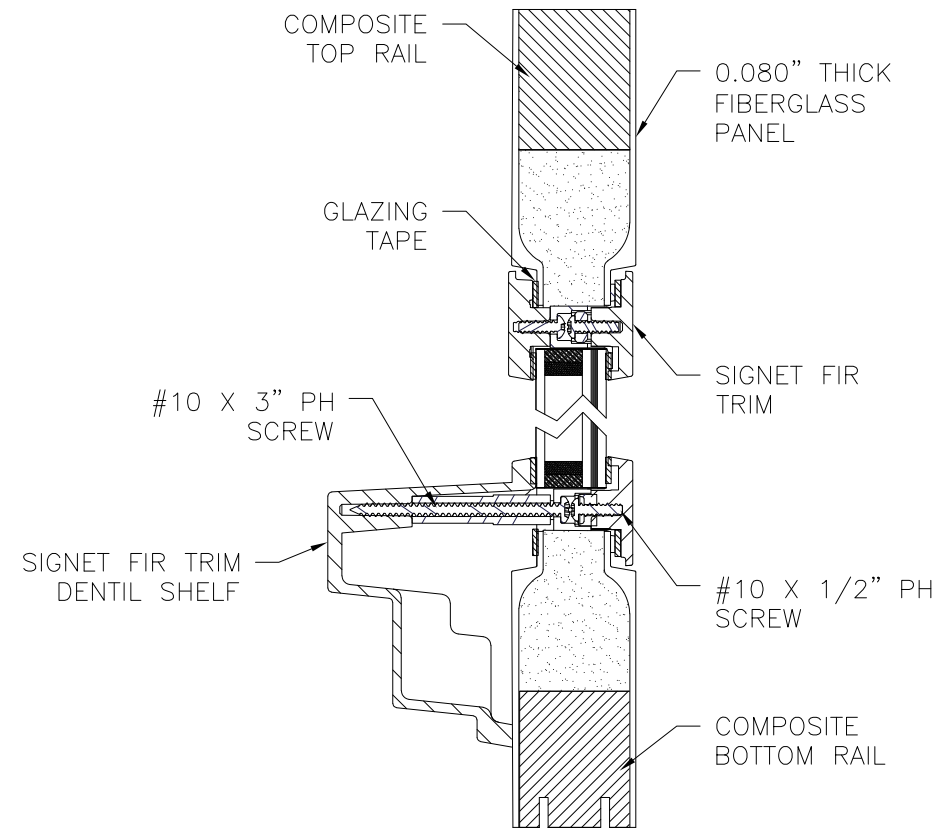
**PANEL OPTION 1**  
PLUGLESS TRIM



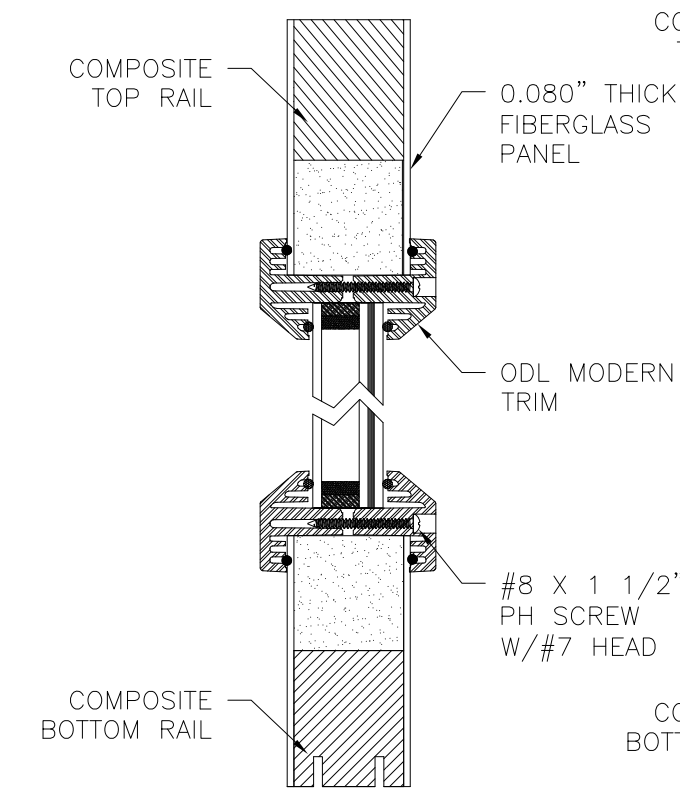
**PANEL OPTION 2**  
SMOOTH TRIM



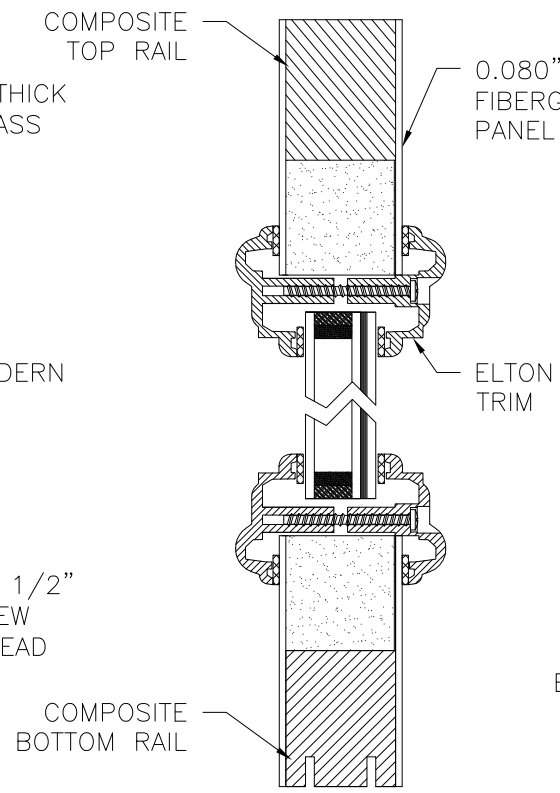
**PANEL OPTION 3**  
STANDARD TRIM



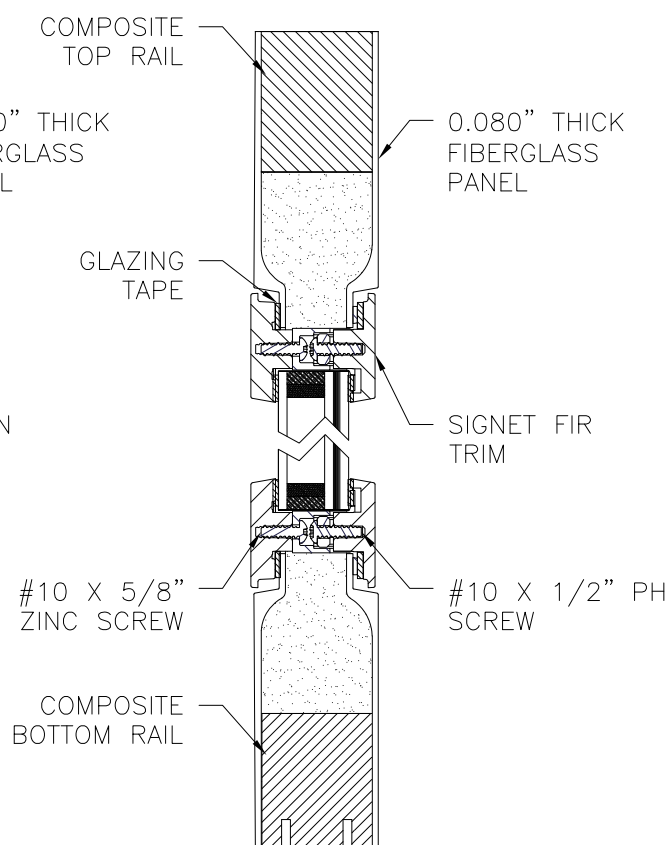
**OPTION 7**  
SIGNET FIR &  
DENTIL SHELF TRIM



**OPTION 4**  
ODL MODERN TRIM



**OPTION 5**  
ELTON TRIM



**OPTION 6**  
SIGNET FIR TRIM

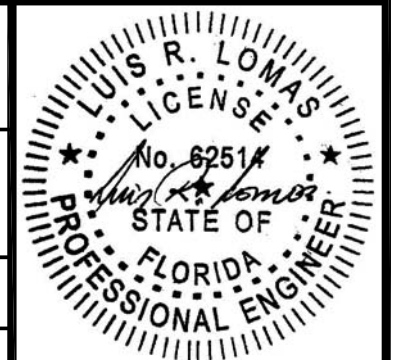
PROVIA, LLC.  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
APPROVED SLABS AND TRIMS

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 16 OF 18

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

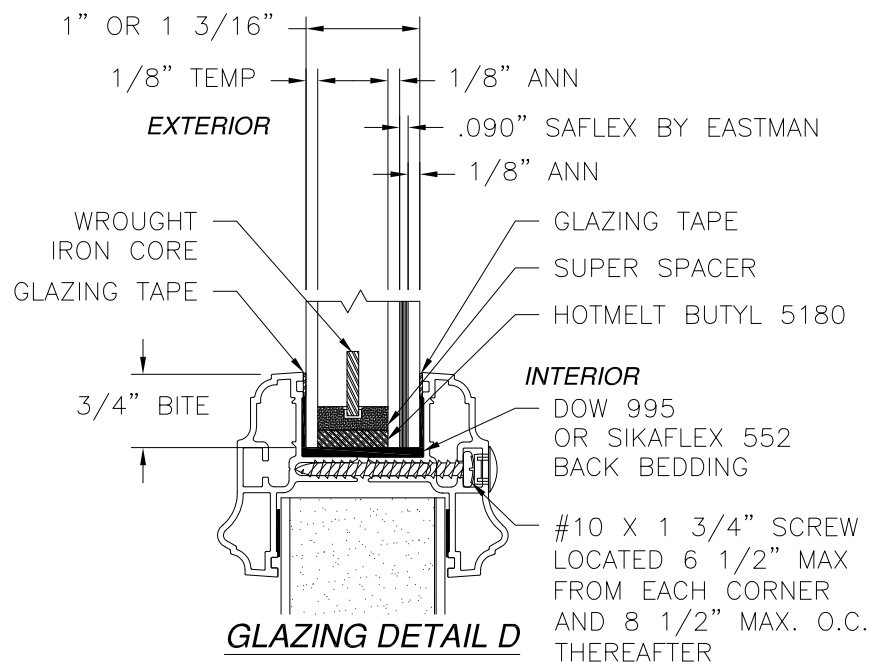
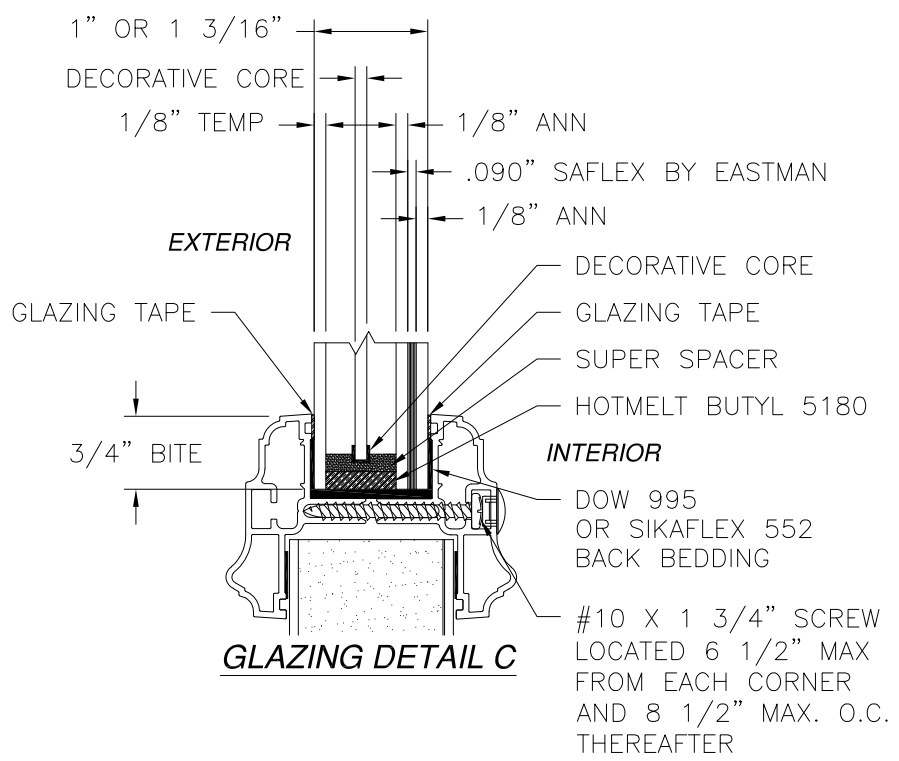
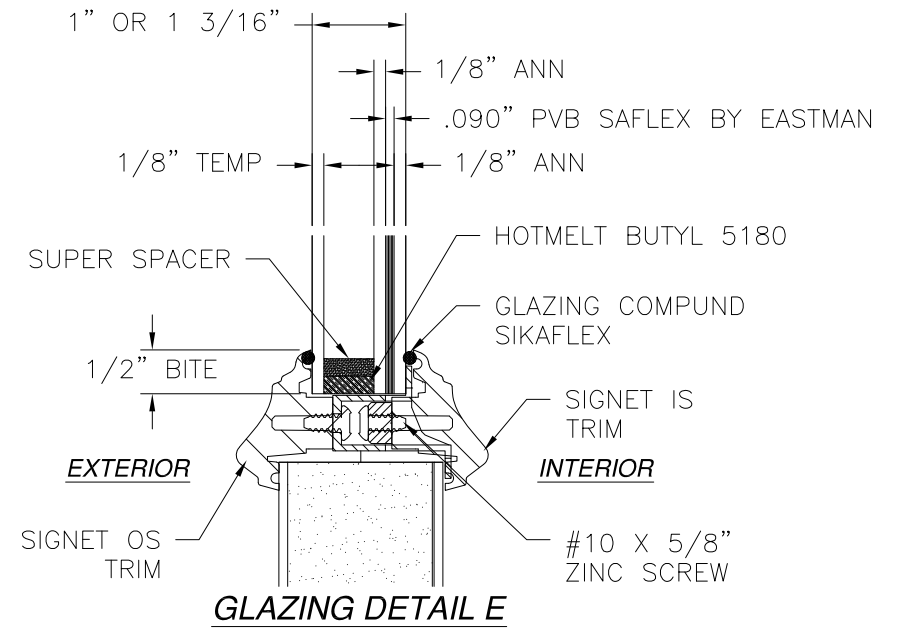
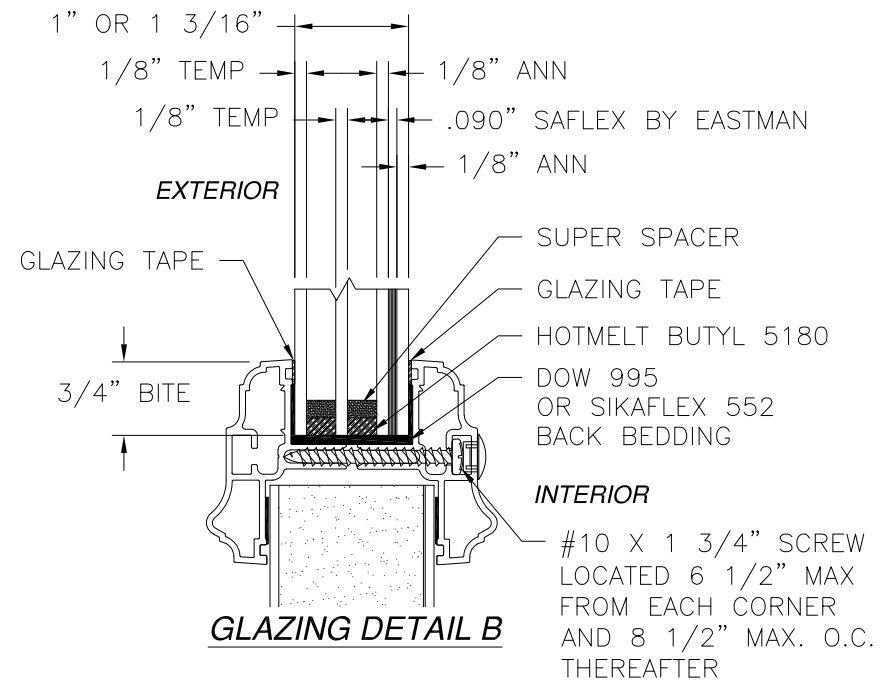
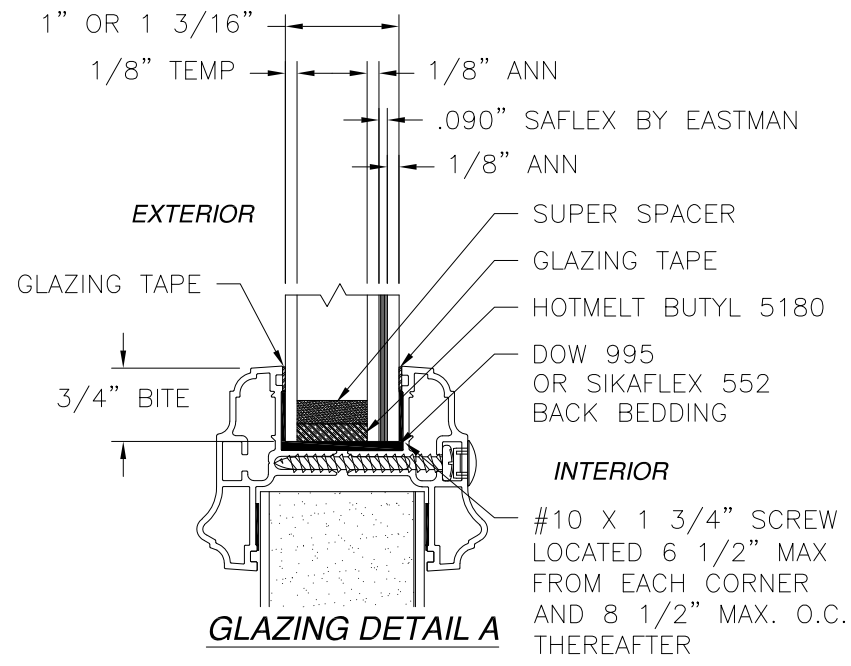
SIGNED: 09/09/2021



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



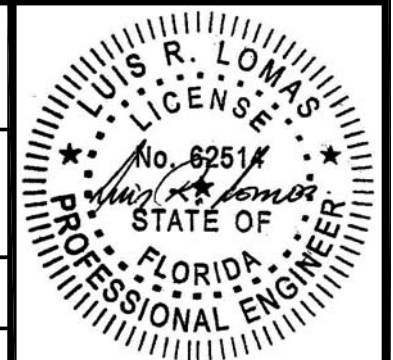
SIGNED: 09/09/2021

PROVIA, LLC.  
 2150 STATE ROUTE 39 WEST  
 SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
 W/TRANSOM - IMPACT  
 GLAZING DETAILS

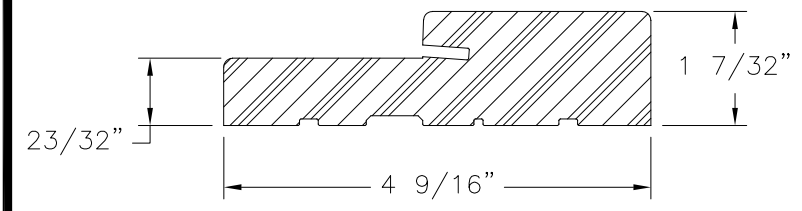
DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 17 OF 18

L. ROBERTO LOMAS P.E.  
 1432 WOODFORD RD LEWISVILLE, NC 27023  
 434-688-0609 rllomas@rlomaspe.com

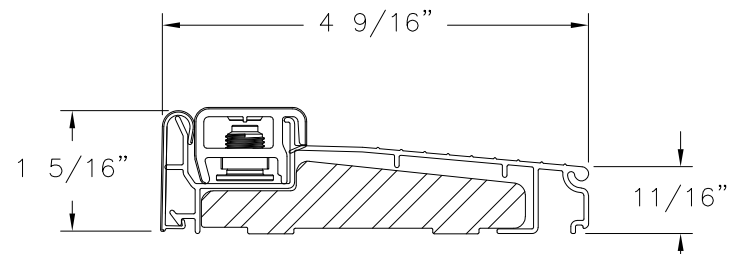


Luis R. Lomas P.E.  
 FL No.: 62514

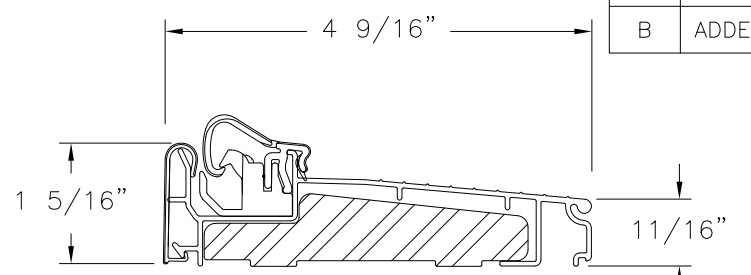
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED MULTILITE PANELS, TRIMS & FRAME	08/31/2021	R.L.



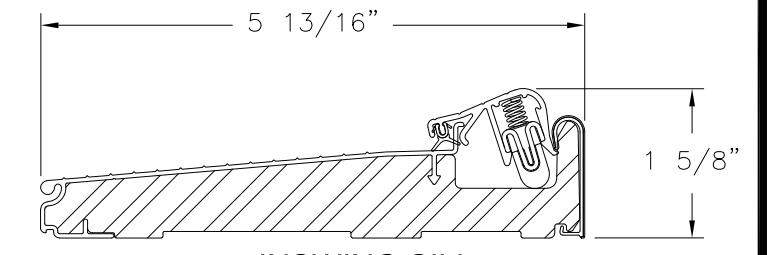
**FRAMESAVER  
COMPOSITE**



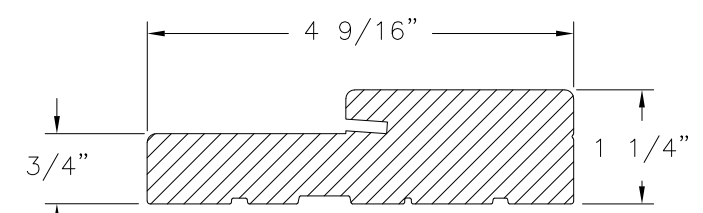
**INSWING SILL ZAIL4565**



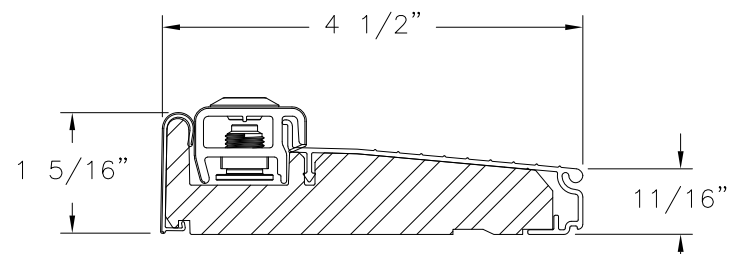
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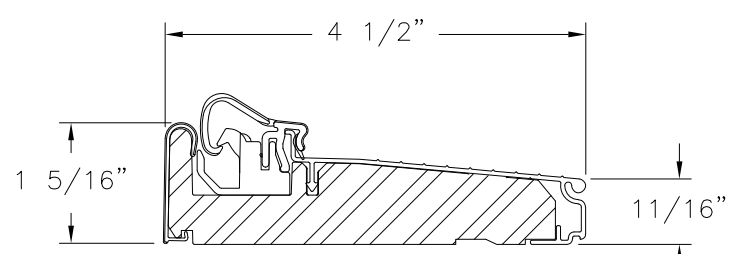
**INSWING SILL  
DOOR**



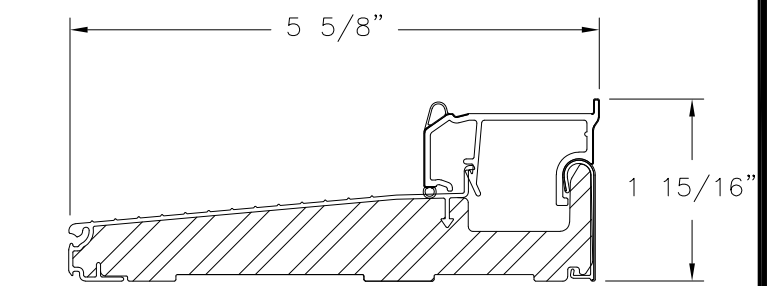
**WOOD FRAME PROFILE**



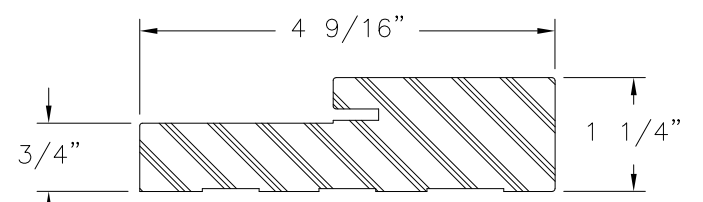
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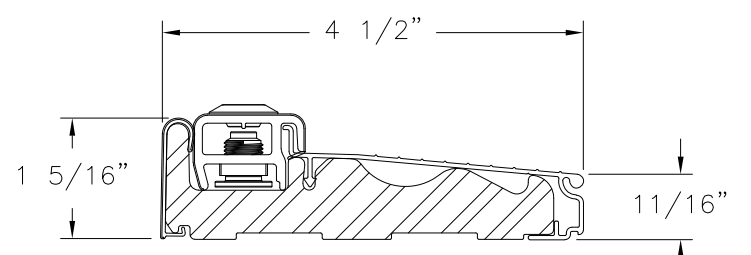
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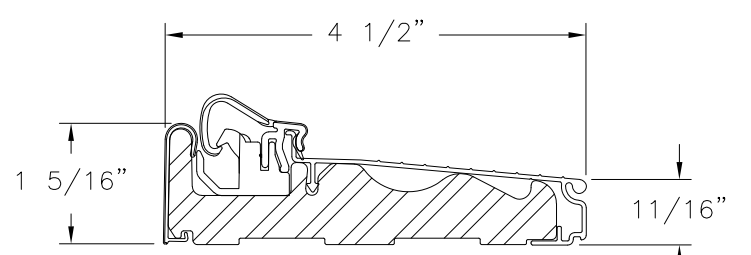
**INSWING SILL  
STANDARD SIDELITE**



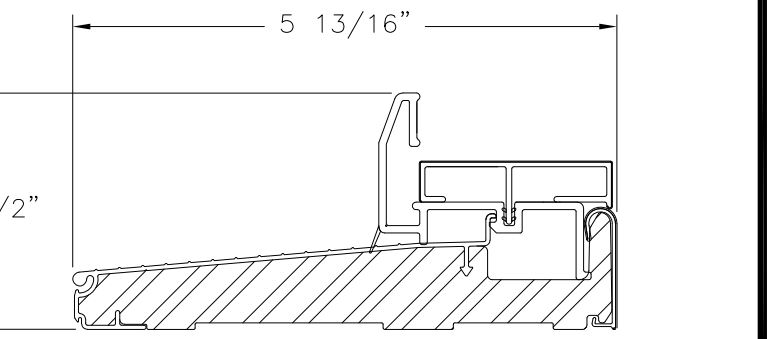
**COMPOSITE FRAME PROFILE**



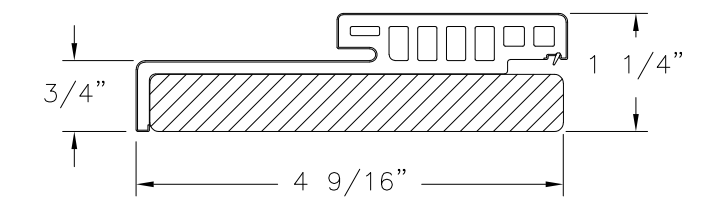
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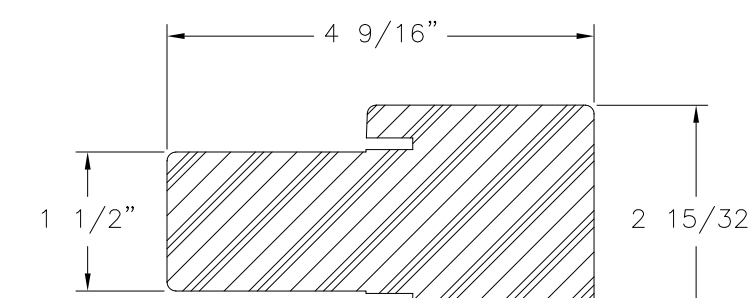
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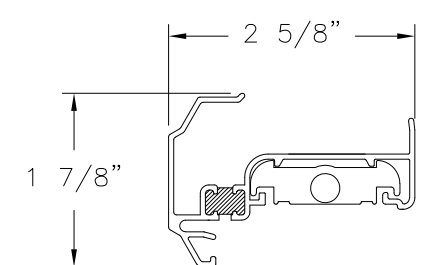
**INSWING SILL  
DIRECT SET SIDELITE**



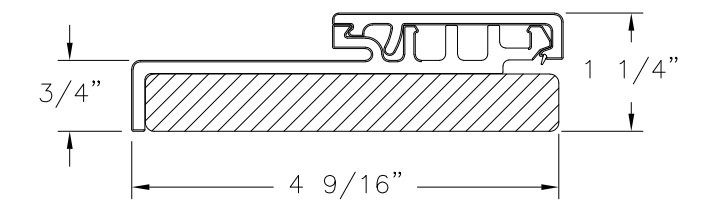
**HYBRID HEAD  
WOOD/COMPOSITE**



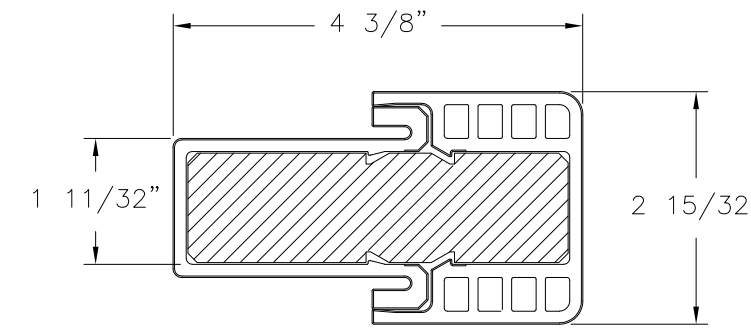
**FAT BOY MULLION  
COMPOSITE**



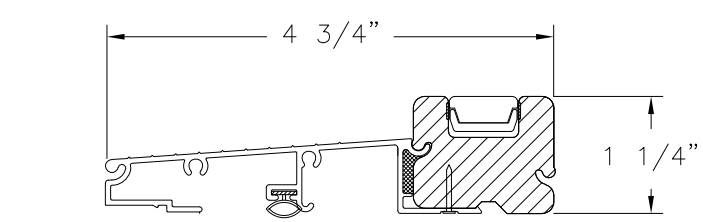
**ASTRAGAL WITH  
THERMAL BREAK ASSEMBLY**



**HYBRID JAMB  
WOOD/COMPOSITE**



**HYBRID FAT BOY MULLION  
COMPOSITE**



**SAHARA INSWING THRESHOLD**

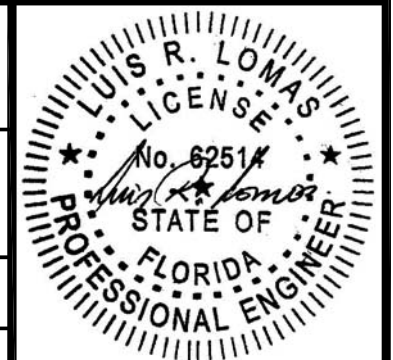
SIGNED: 09/09/2021

PROVIA, LLC.  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM  
W/TRANSOM - IMPACT  
COMPONENTS

DRAWN: A.R.	DWG NO. 08-03652	REV B
SCALE NTS	DATE 11/10/2020	SHEET 18 OF 18

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