

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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" 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. 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 UNIT FRAME 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: PAINTED WOOD PINE.
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 UP TO WIND ZONE 3.

13. 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.
14. 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.
15. 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.
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 2,000 PSI.
 - 17.3. MASONRY: GROUT/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 6	ELEVATIONS AND RATINGS
7	HORIZONTAL CROSS SECTIONS AND HARDWARE SCHEDULE
8 - 16	INSTALLATION DETAILS
17	GLAZING DETAILS
18	COMPONENTS

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

SIGNET INSWING ENTRY DOOR SYSTEM
W/TRANSOM - IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03652

REV
E

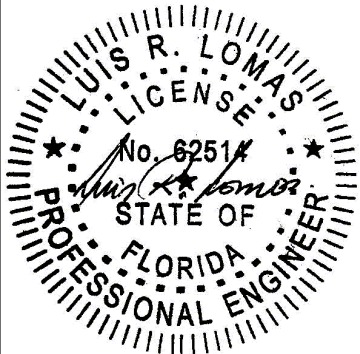
SCALE NTS

DATE 11/10/2020

SHEET 1 OF 18

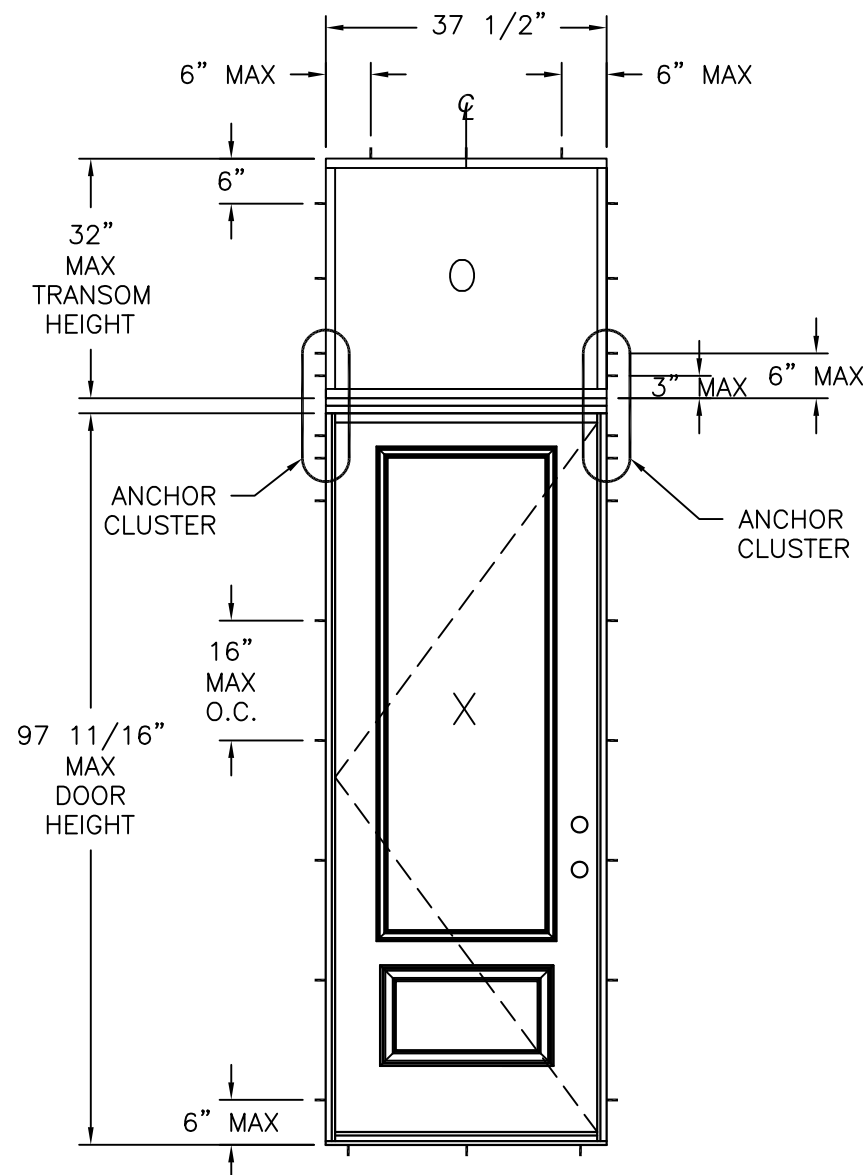
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/14/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



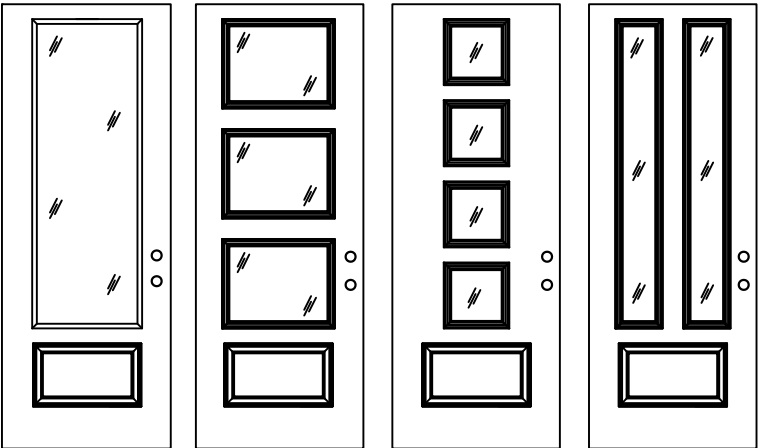
SIGNET IS SINGLE DOOR W/TRANSOM
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

MISSILE LEVEL D, WIND ZONE 3

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

APPROVED LITE CONFIGURATIONS



FULL LITE 3 LITE 4 LITE 2 LITE

LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 11.59 FT²

Anchors and anchor connectors corrosion resistance chart		
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Exterior - open exposed	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-vented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-unvented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S

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

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

DRAWN:
A.R.

DWG NO.
08-03652

REV
E

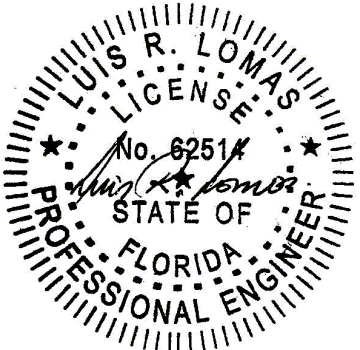
SCALE
NTS

DATE
11/10/2020

SHEET
2 OF 18

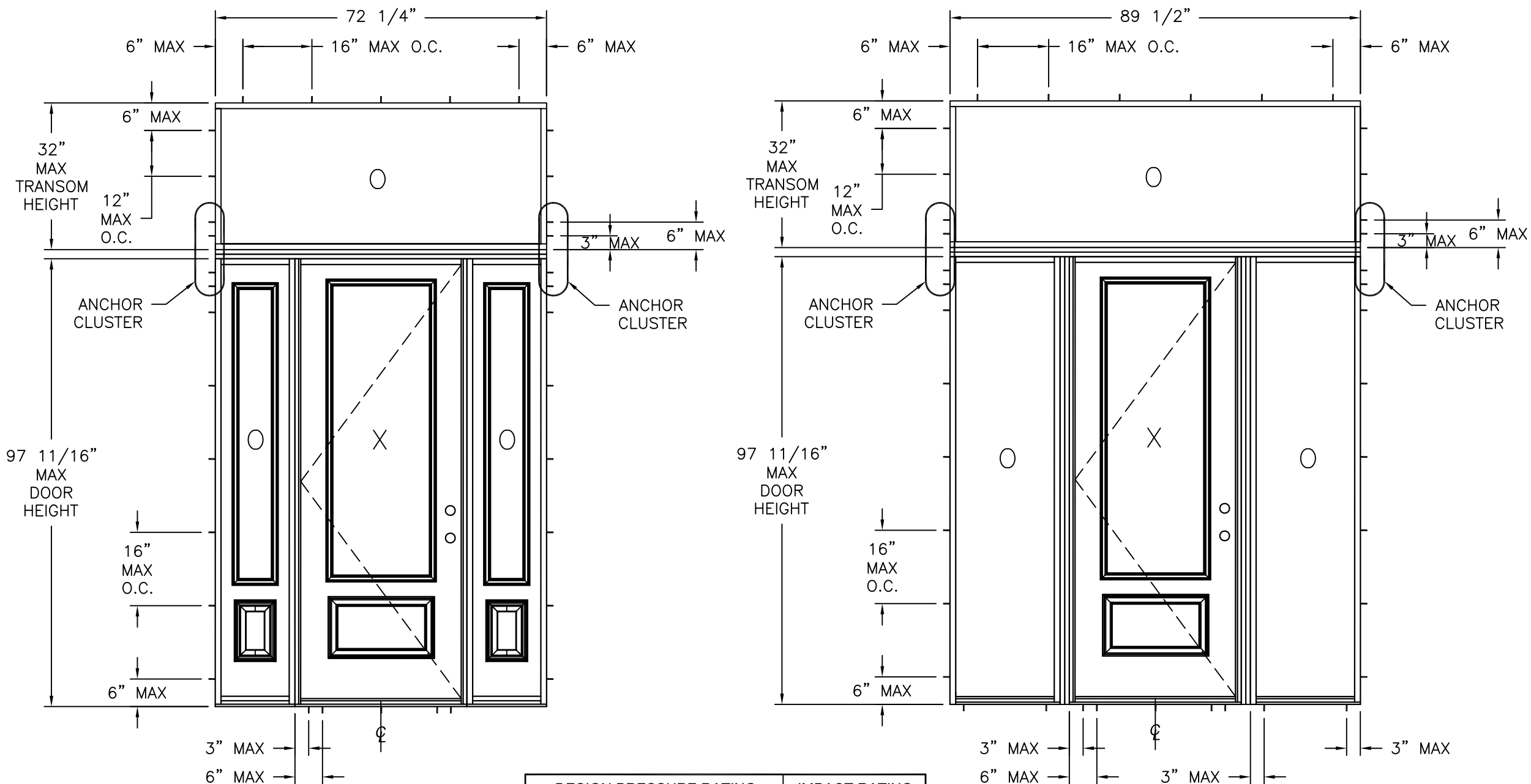
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/14/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

MISSILE LEVEL D, WIND ZONE 3

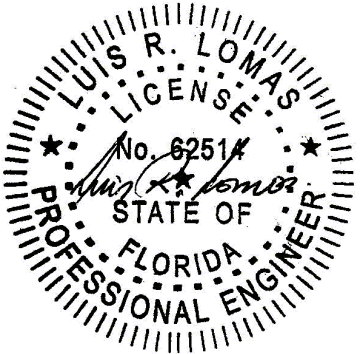
SIGNET IS SINGLE DOOR W/SIDELITES AND TRANSOM

SEE CHARTS IN SHEET 6 FOR RATINGS

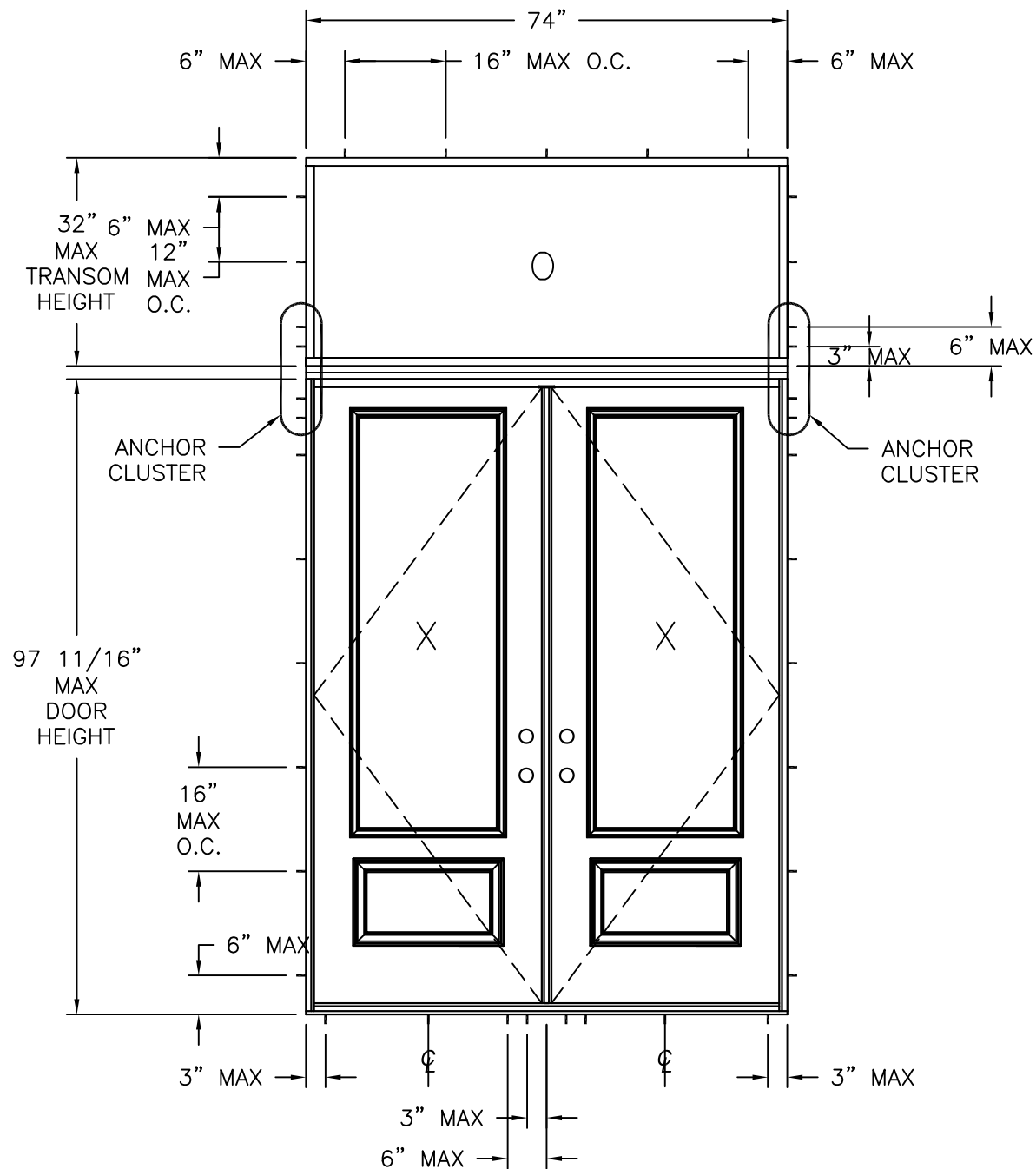
- NOTES:
1. MAX DOOR PANEL SIZE: 35 3/4" X 95"
 2. MAX SIDELITE PANEL SIZE W/TRIM: 17 3/8" X 97 11/16"
 3. MAX SIDELITE PANEL SIZE DIRECT SET: 24" X 97 11/16"
 4. MAX DOOR PANEL D.L.O.: 21 1/8" X 79 1/16"
 5. MAX SIDELITE PANEL D.L.O. W/TRIM: 7" X 79 1/16"
 6. SIDELITE PANEL D.L.O. DIRECT SET 21 1/8"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

SIGNED: 09/14/2026

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT SINGLE W/SIDELITES AND TRANSOM ELEVATIONS		
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 3 OF 18
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



- 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"

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

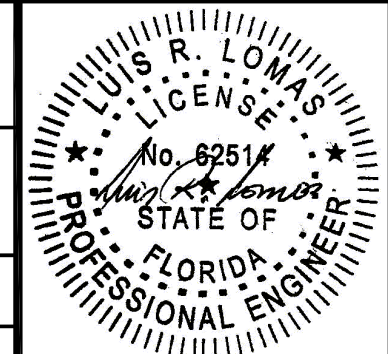
MISSILE LEVEL D, WIND ZONE 3

SIGNET IS DOUBLE DOOR W/TRANSOM
EXTERIOR VIEW
SEE CHARTS THIS SHEET FOR RATINGS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

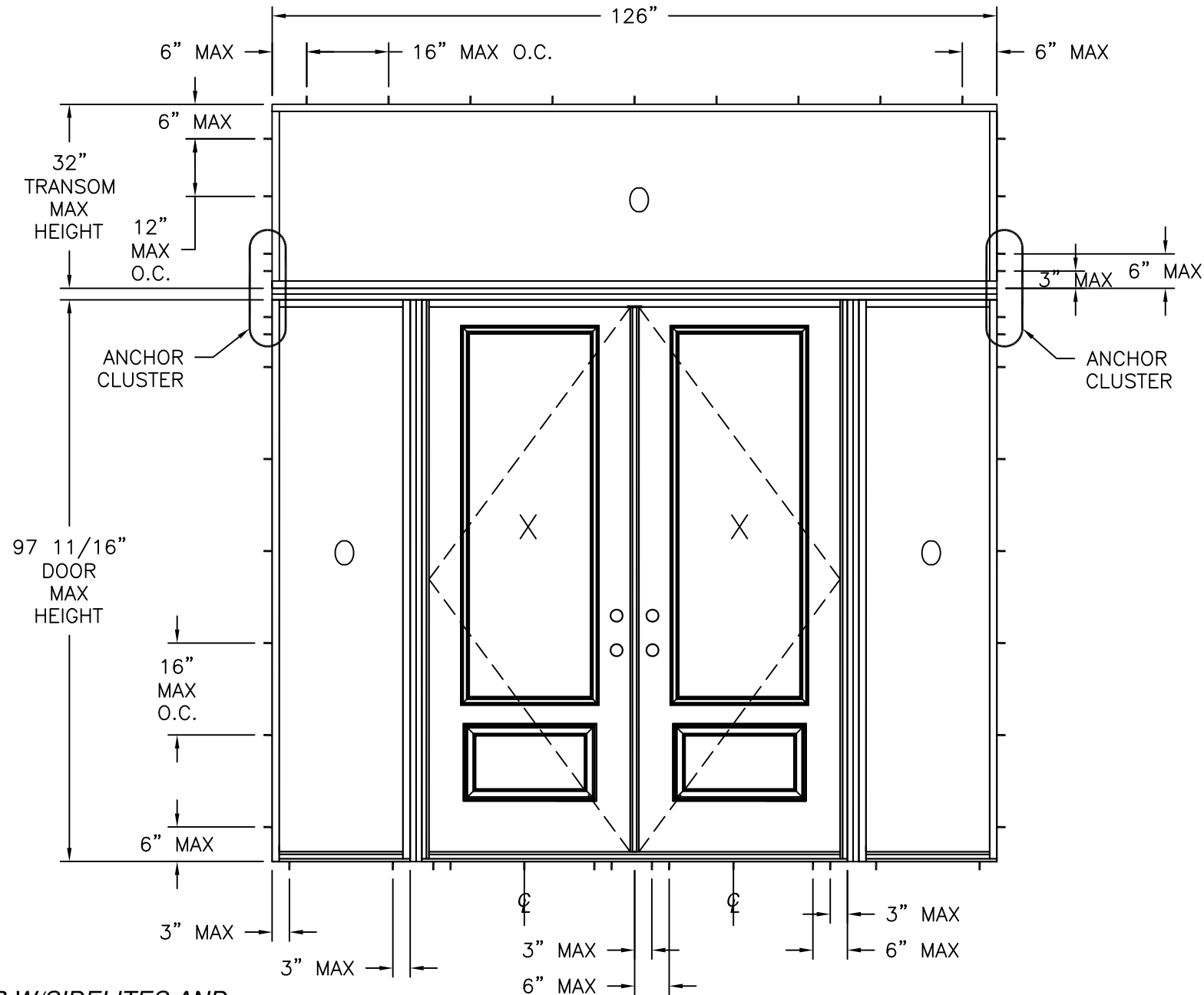
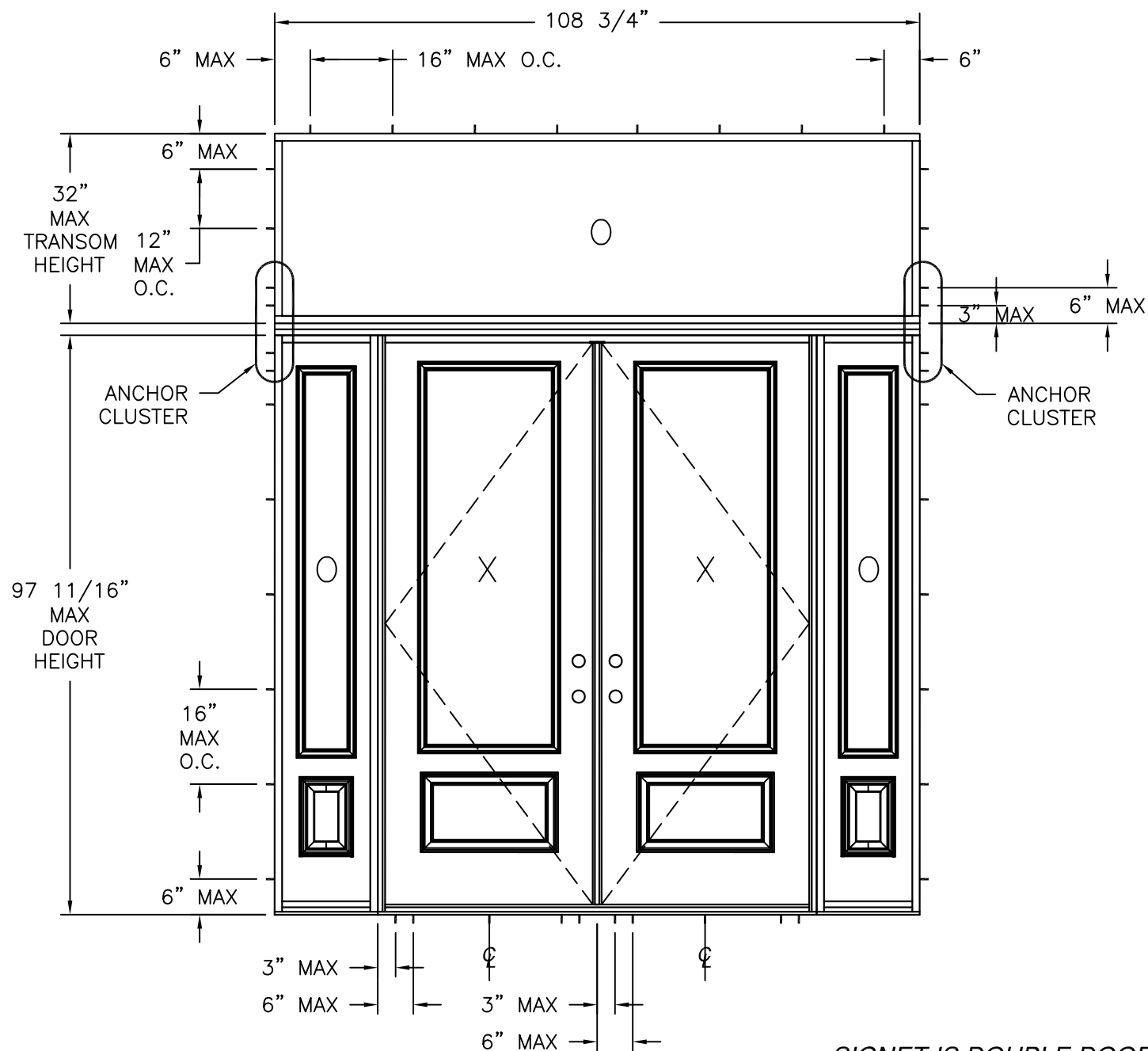
SIGNED: 09/14/2026

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM – IMPACT DOUBLE W/TRANSOM ELEVATION		
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 4 OF 18
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
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



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

SIGNED: 09/14/2026

- 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"

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:
A.R.

DWG NO.
08-03652

REV
E

SCALE
NTS

DATE
11/10/2020

SHEET
5 OF 18

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	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

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

Where water penetration resistance is not required

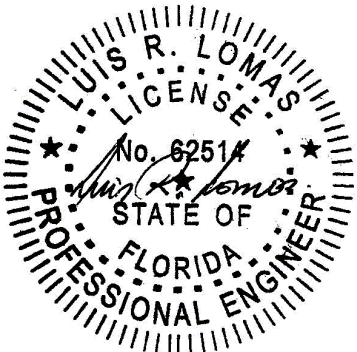
Double door w/24in sidelites and 32in transom (psf)

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

Where water penetration resistance is not required

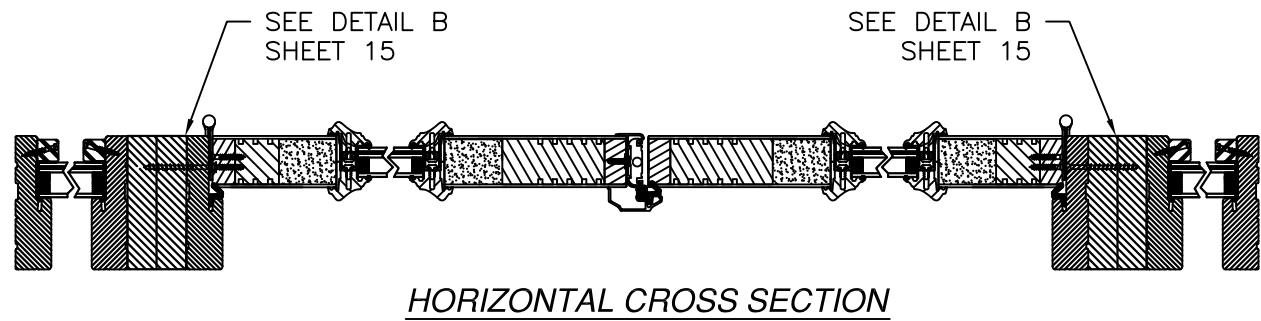
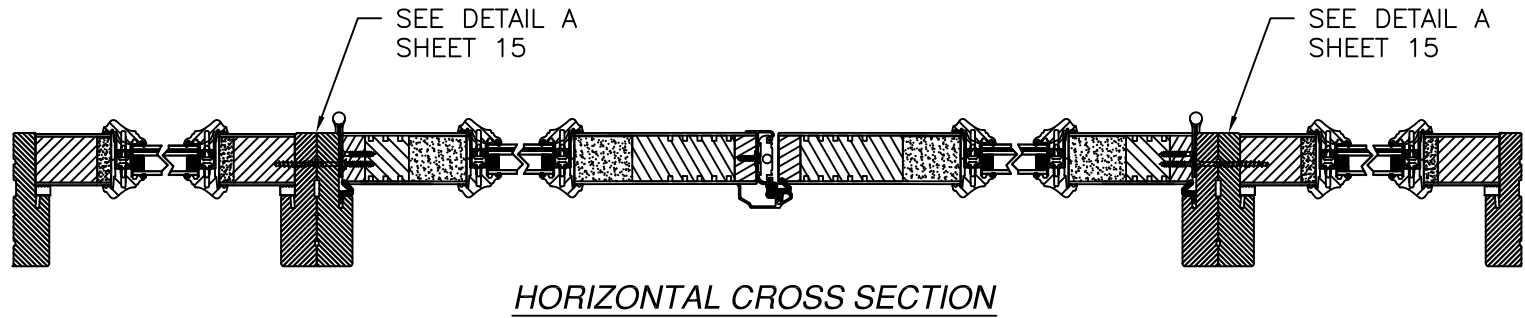
SIGNED: 09/14/2026

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM – IMPACT DOUBLE W/SIDELITES AND TRANSOM ELEVATIONS		
DRAWN: A.R.	DWG NO. 08–03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 6 OF 18
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
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

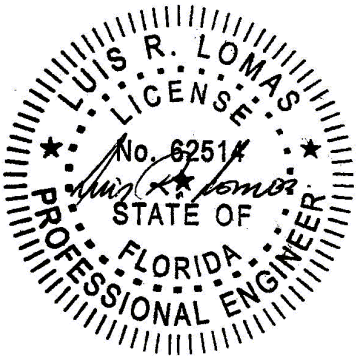


HARDWARE SCHEDULE	
A.	(1) KEYED DOORKNOB LOCKING ASSEMBLY AT ACTIVE LEAF, STRIKE RAIL 35" (LEVER) & 41" (KEYED/THUMB TURN)UP FROM BOTTOM
B.	(1) KEYED DEADBOLT W/THUMB-TURN ASSEMBLY AT ACTIVE LEAF, STRIKE RAIL 39" UP FROM BOTTOM
C.	(8) METAL 4" BUTT HINGE AT LEAF(S), 4 PER LEAF/MULLION EVENLY SPACE WITH ONE 7" IN FROM THE TOP & 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 & FC-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE
F.	B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
G.	F-SERIES & FC-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
H.	RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE)
I.	MULTI-POINT HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE)
J.	PANOLOCK MULTI-POINT LOCK ASSEMBLY (ALTERNATE)

Anchors and anchor connectors corrosion resistance chart		
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Exterior - open exposed	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-vented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-unvented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S

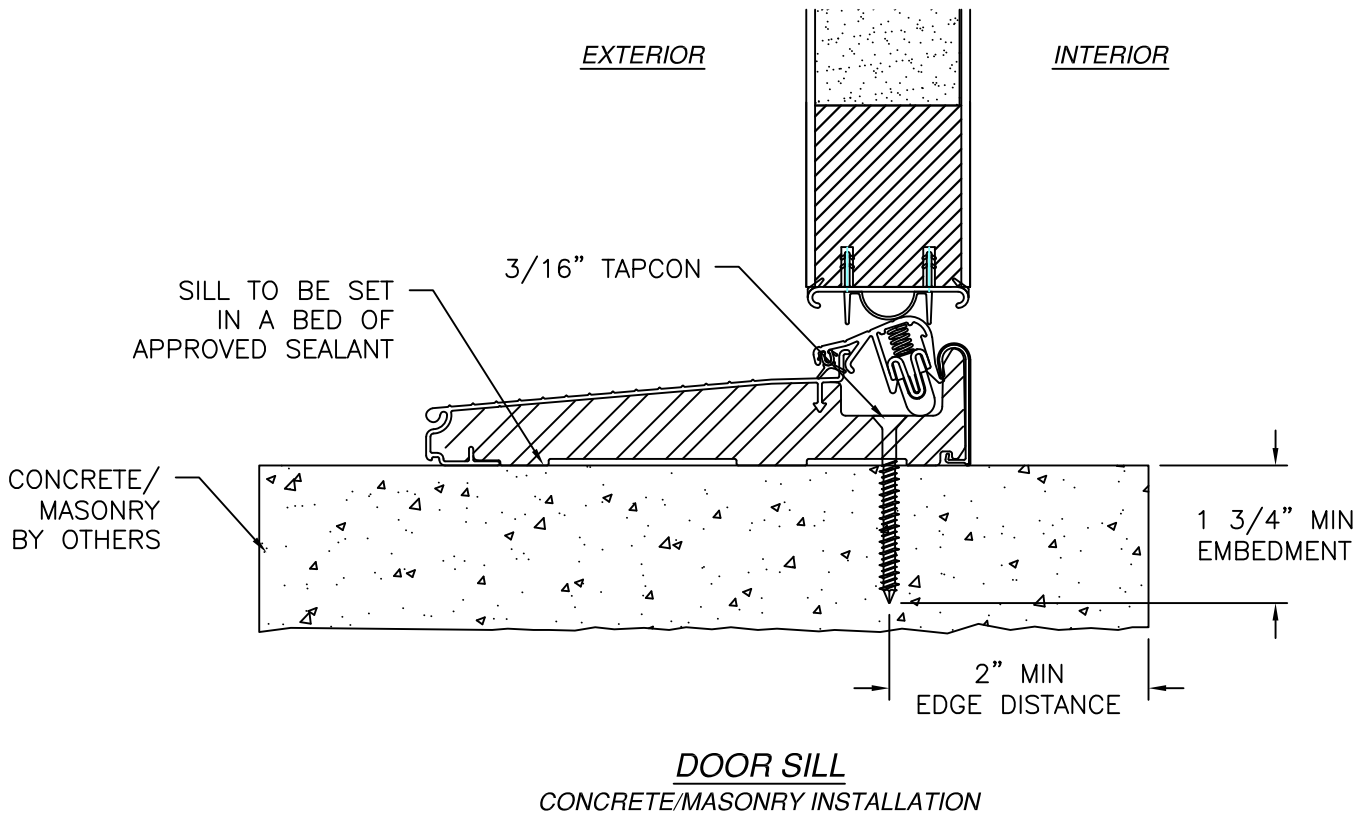
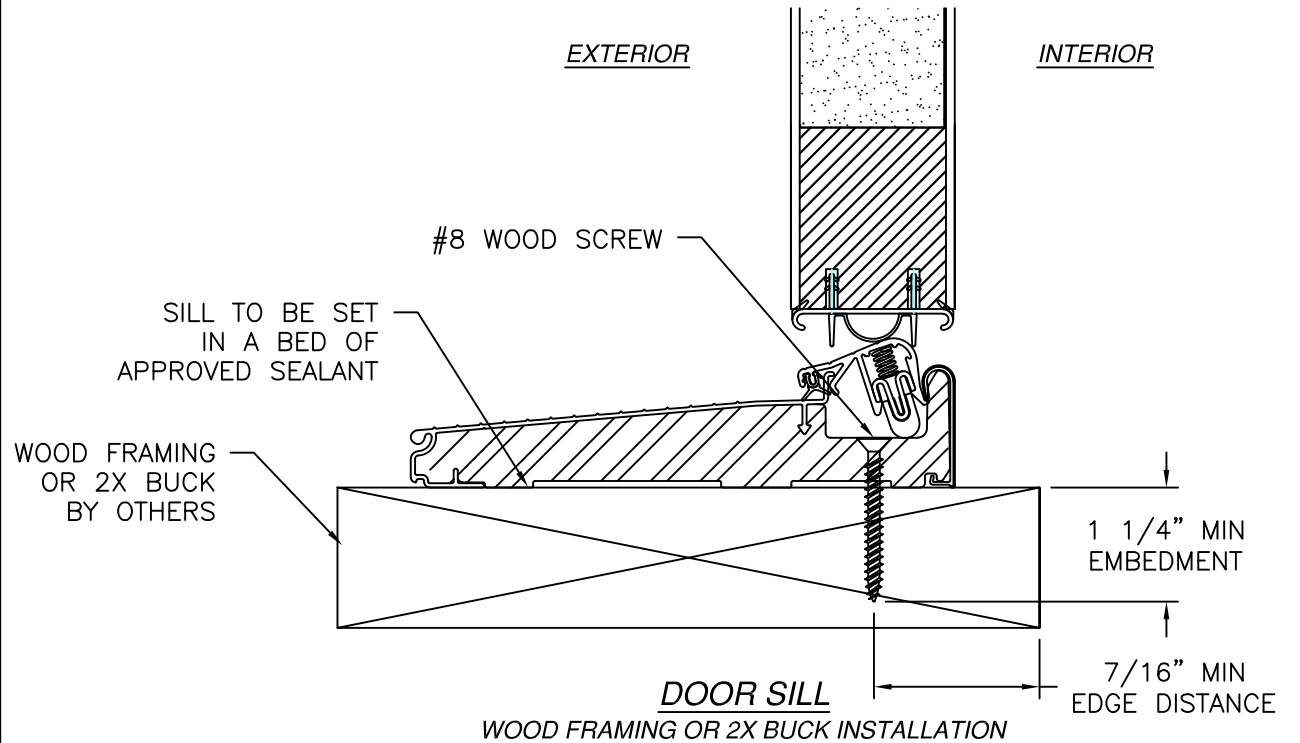
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT HORIZONTAL CROSS SECTIONS		
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 7 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/14/2026

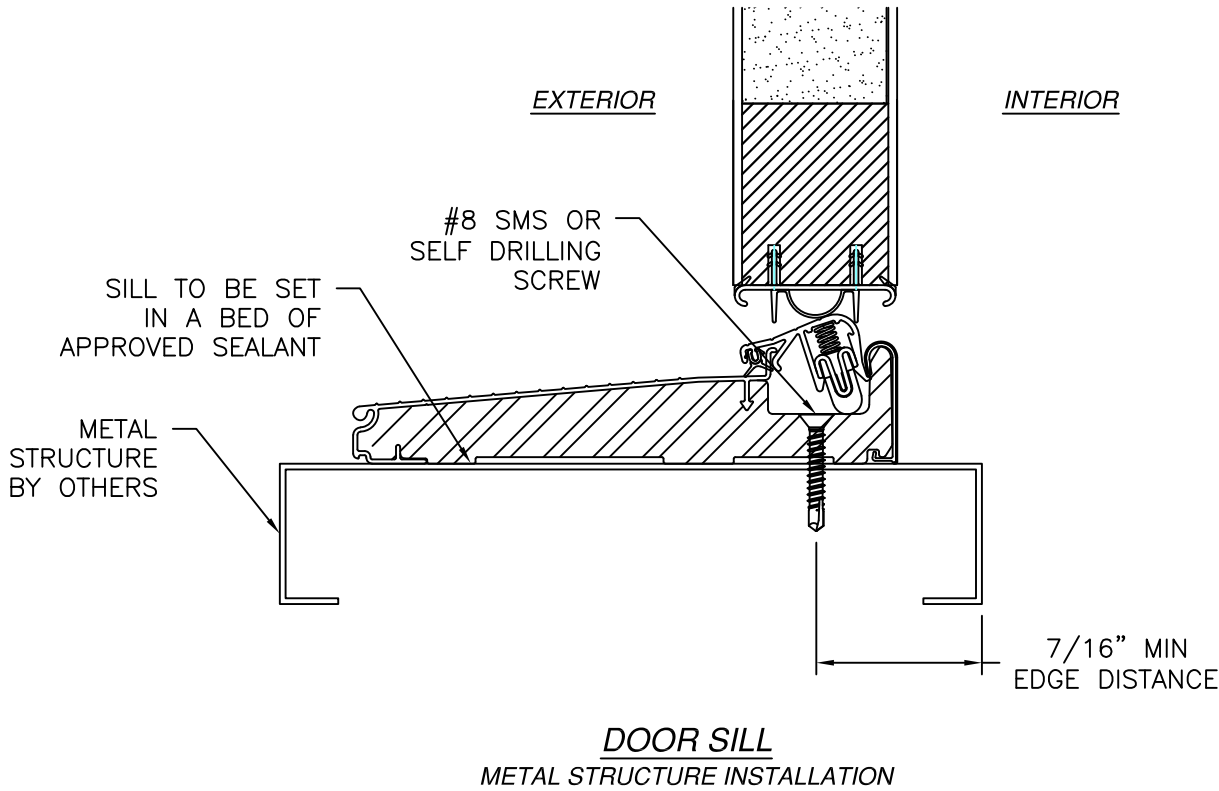


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	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



PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET INSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT

DOOR SILL INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03652

REV E

SCALE NTS

DATE 11/10/2020

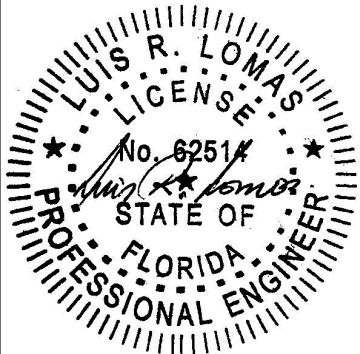
SHEET 8 OF 18

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

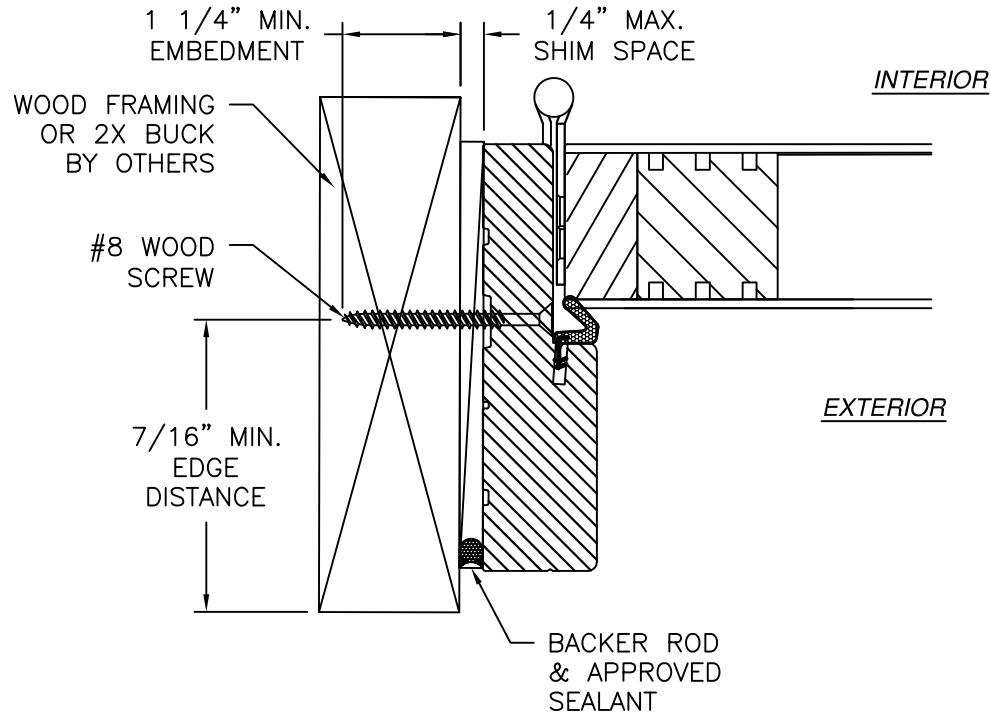
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/14/2026

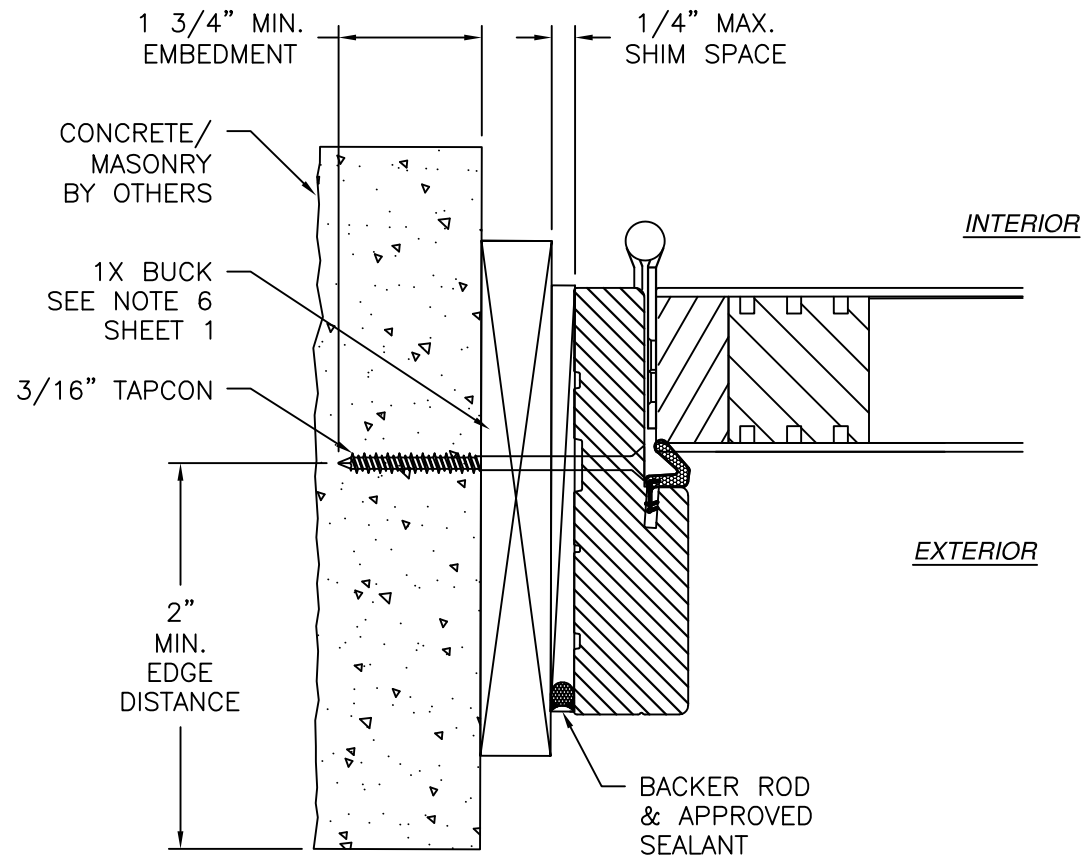


Luis R. Lomas P.E.
FL No.: 62514

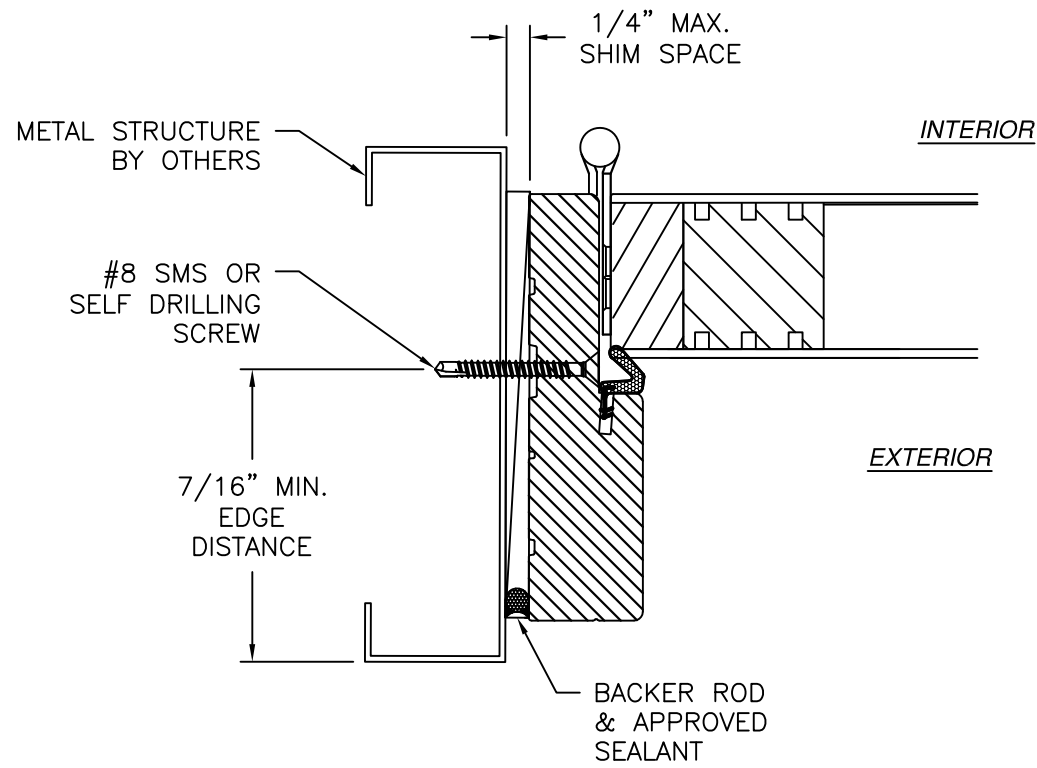
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



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: 09/14/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

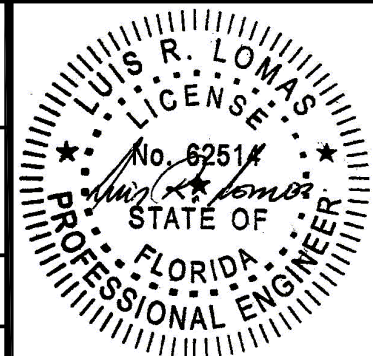
SIGNET INSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT

DOOR JAMB INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 9 OF 18

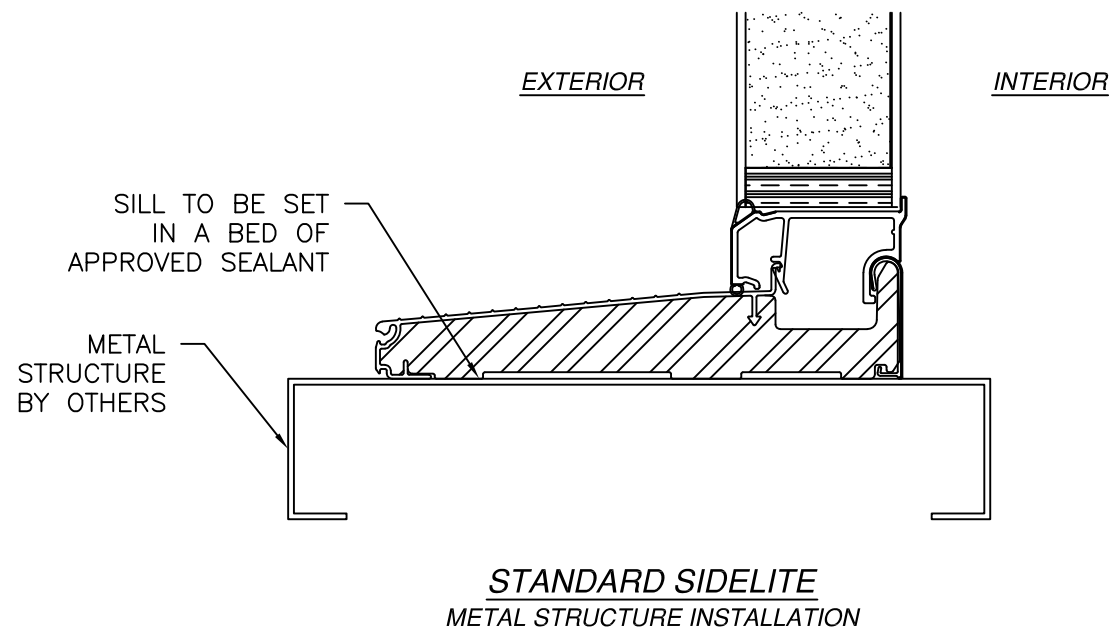
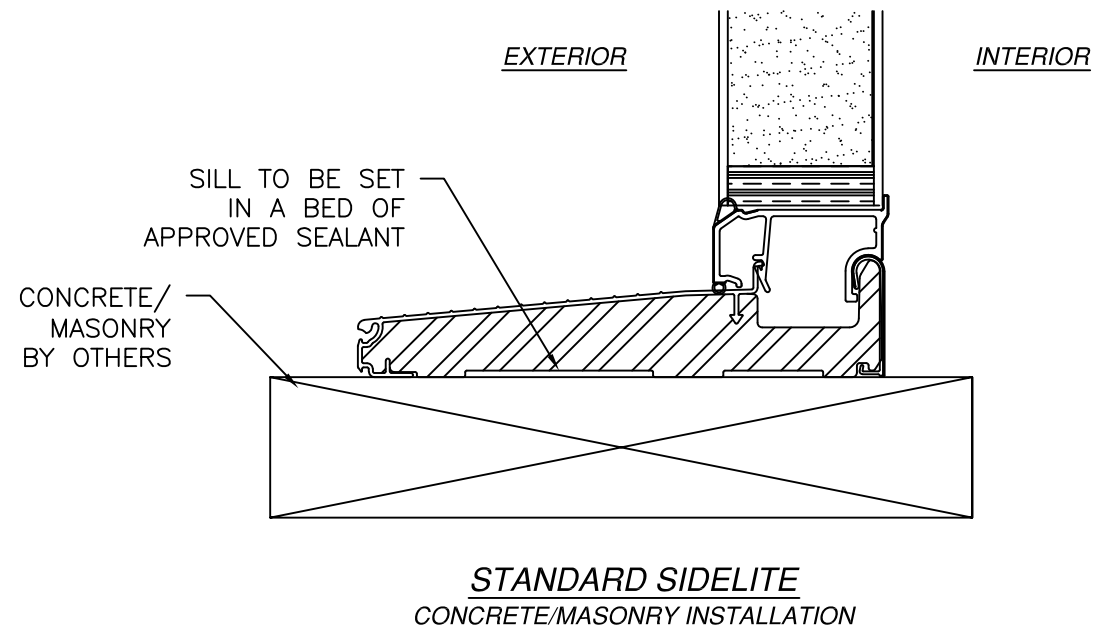
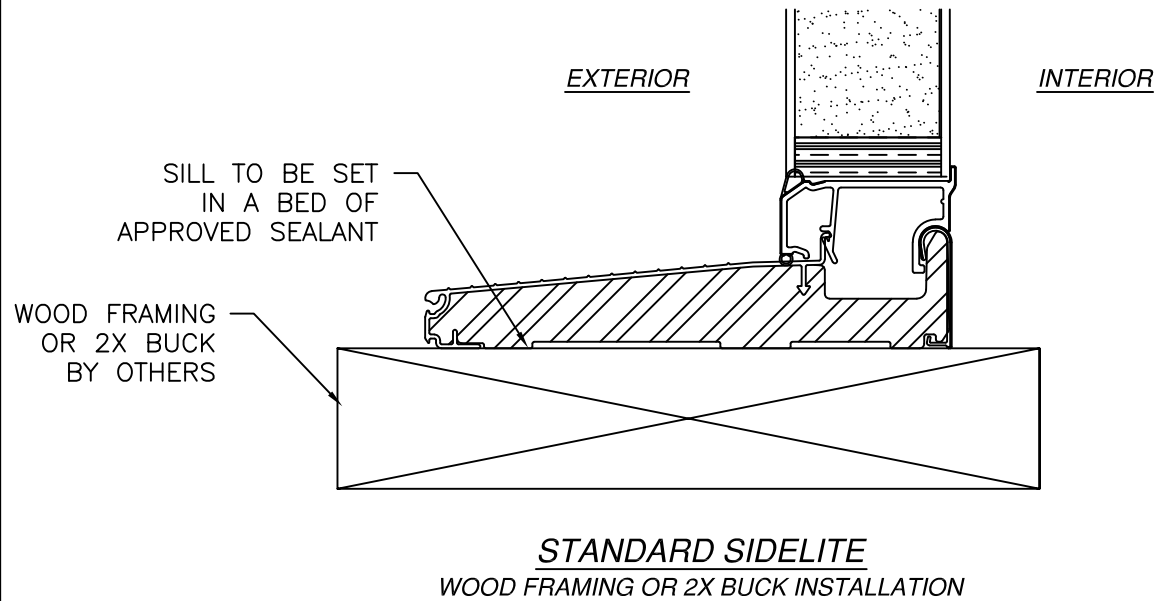
L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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

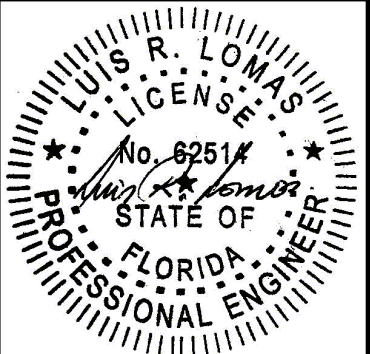
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



- 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

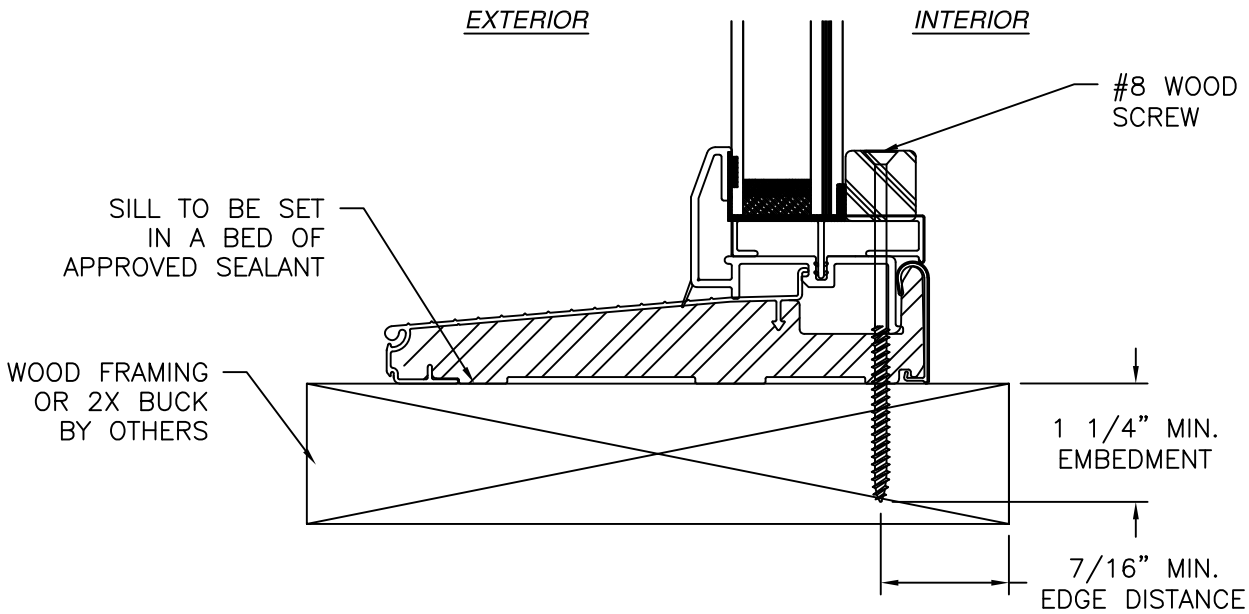
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT STANDARD SIDELITE SILL INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 10 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/14/2026

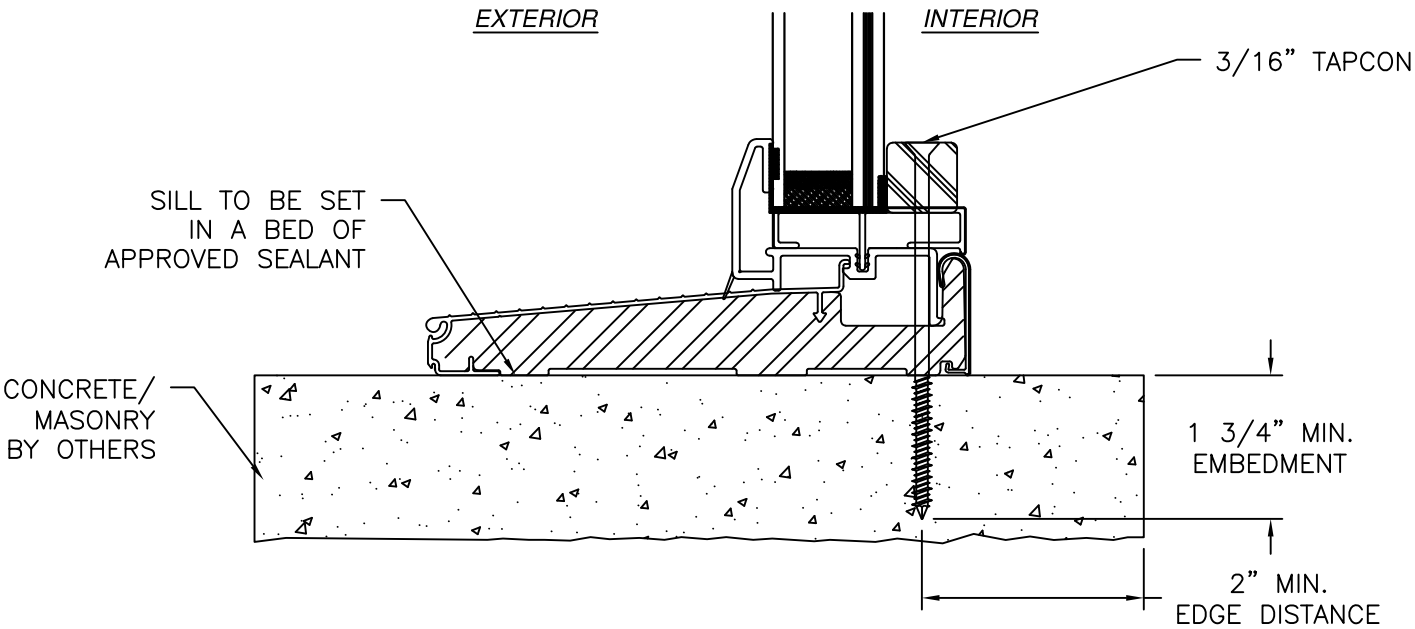


Luis R. Lomas P.E.
FL No.: 62514

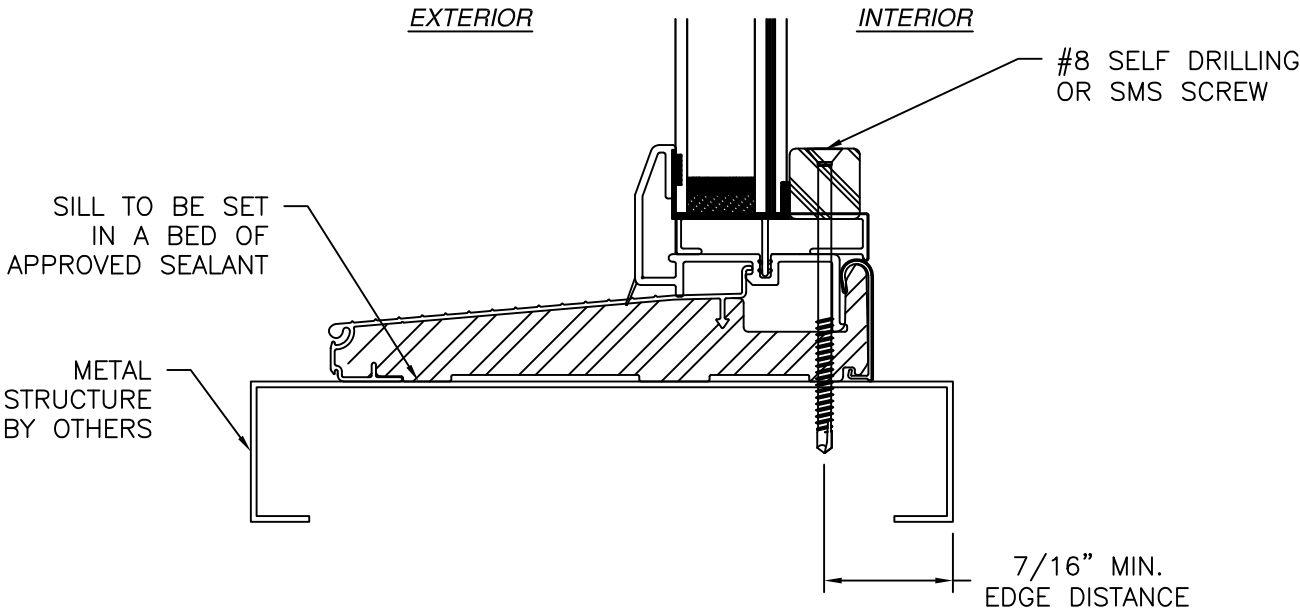
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



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:
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

DIRECT SET SIDELITE SILL INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03652

REV E

SCALE NTS

DATE 11/10/2020

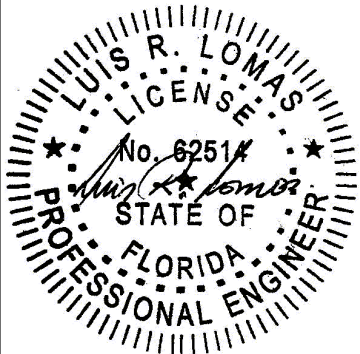
SHEET 11 OF 18

L. ROBERTO LOMAS P.E.

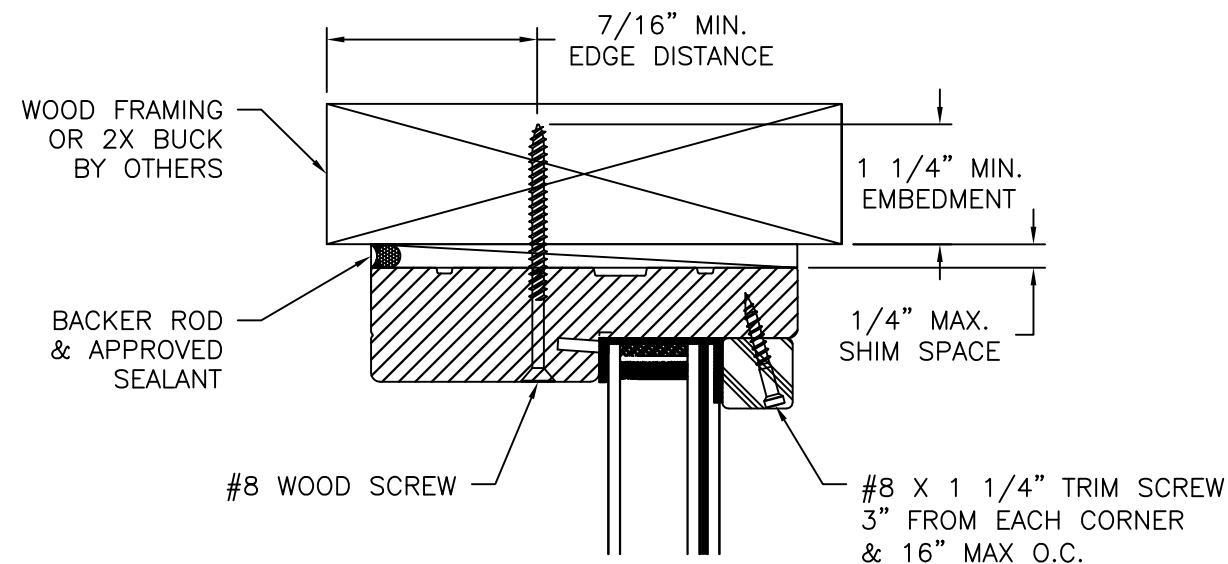
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

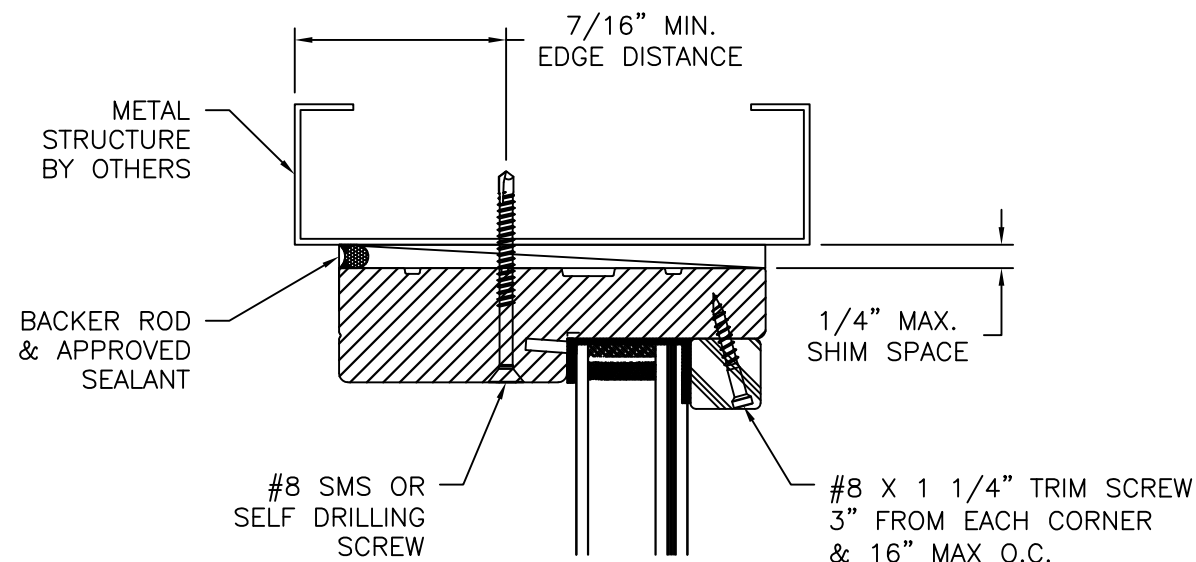
SIGNED: 09/14/2026



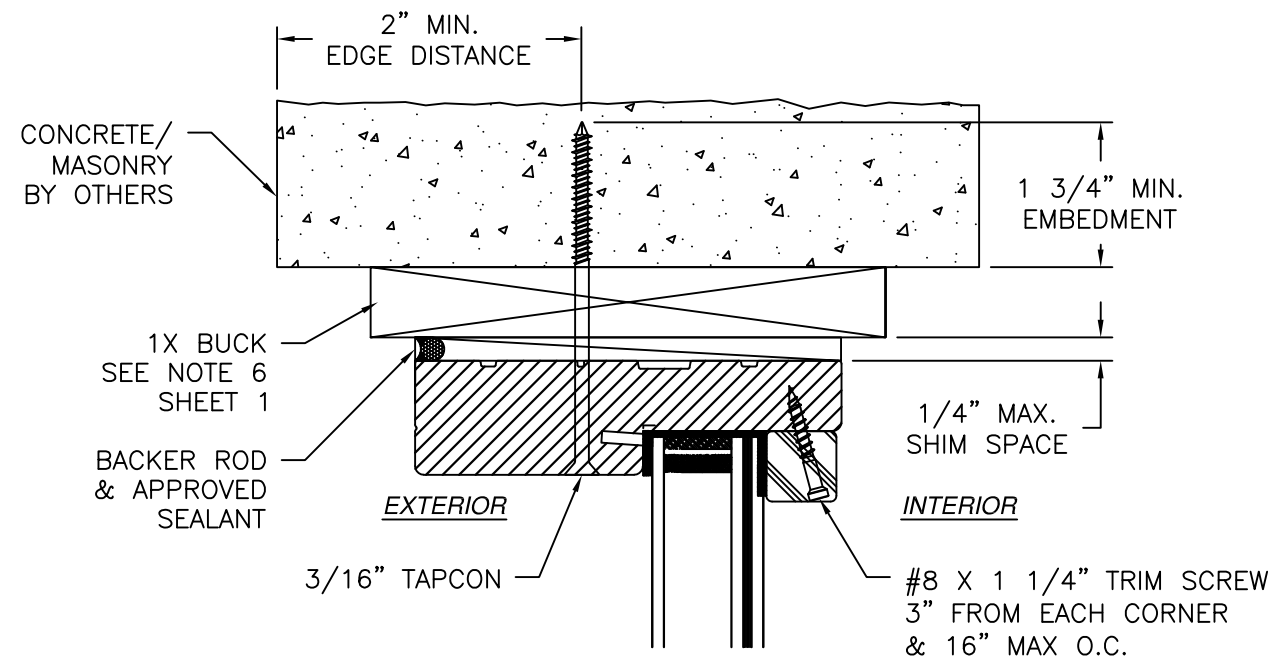
Luis R. Lomas P.E.
FL No.: 62514



TRANSOM HEAD
WOOD FRAME OR 2X BUCK INSTALLATION



TRANSOM HEAD
METAL STRUCTURE INSTALLATION



TRANSOM HEAD
CONCRETE/MASONRY INSTALLATION

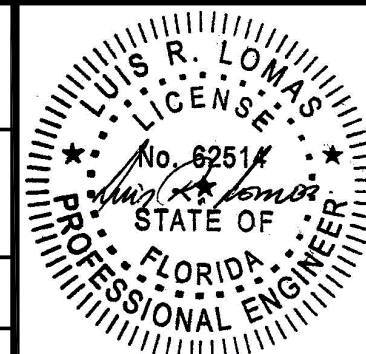
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

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

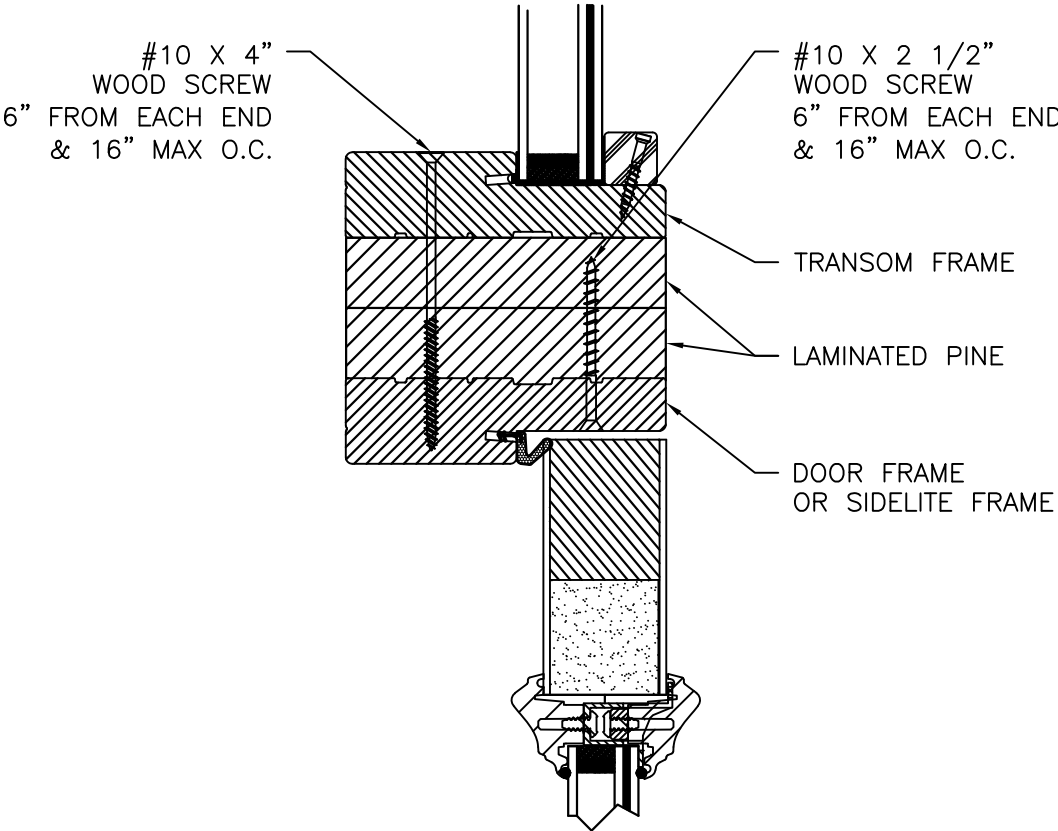
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET INSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT TRANSOM HEAD INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 12 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

SIGNED: 09/14/2026

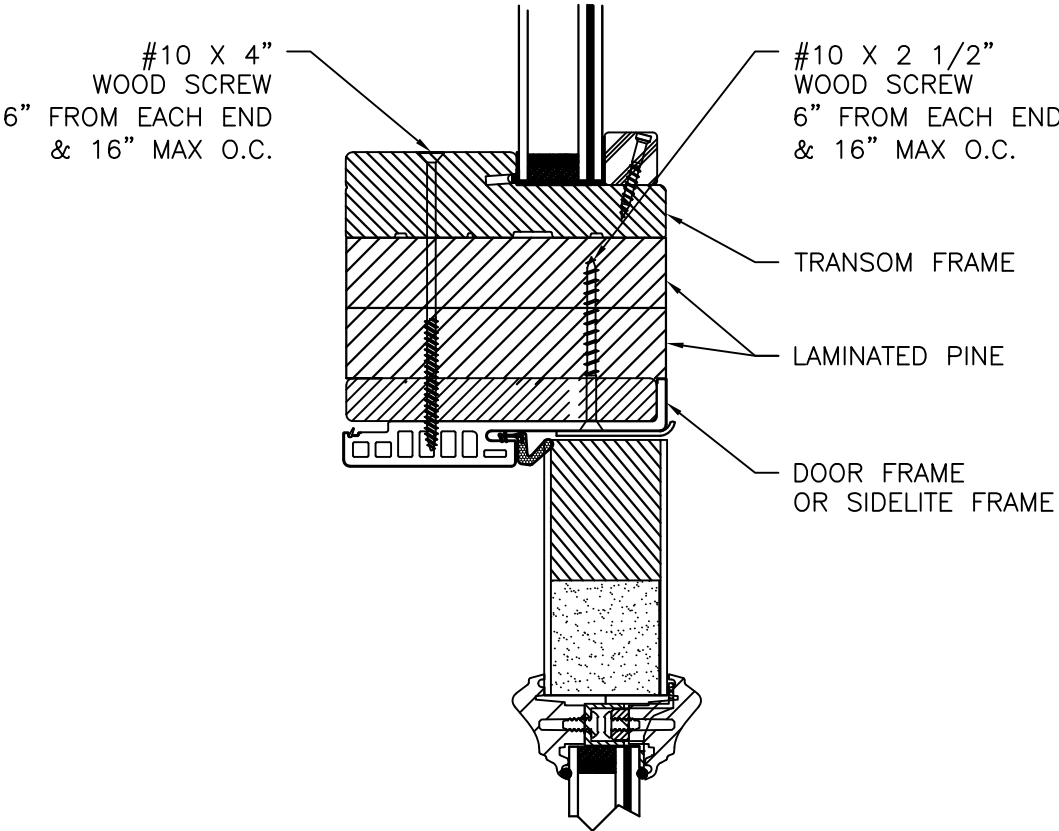


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



HORIZONTAL MULLION
STANDARD FRAME



HORIZONTAL MULLION
FUSION FRAME

SIGNED: 09/14/2026

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

E

SCALE

NTS

DATE

11/10/2020

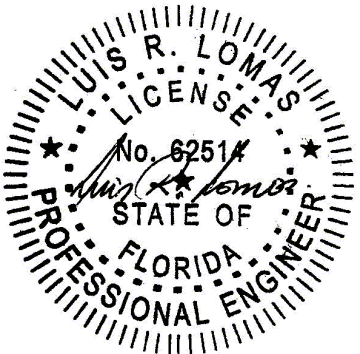
SHEET

13 OF 18

L. ROBERTO LOMAS P.E.

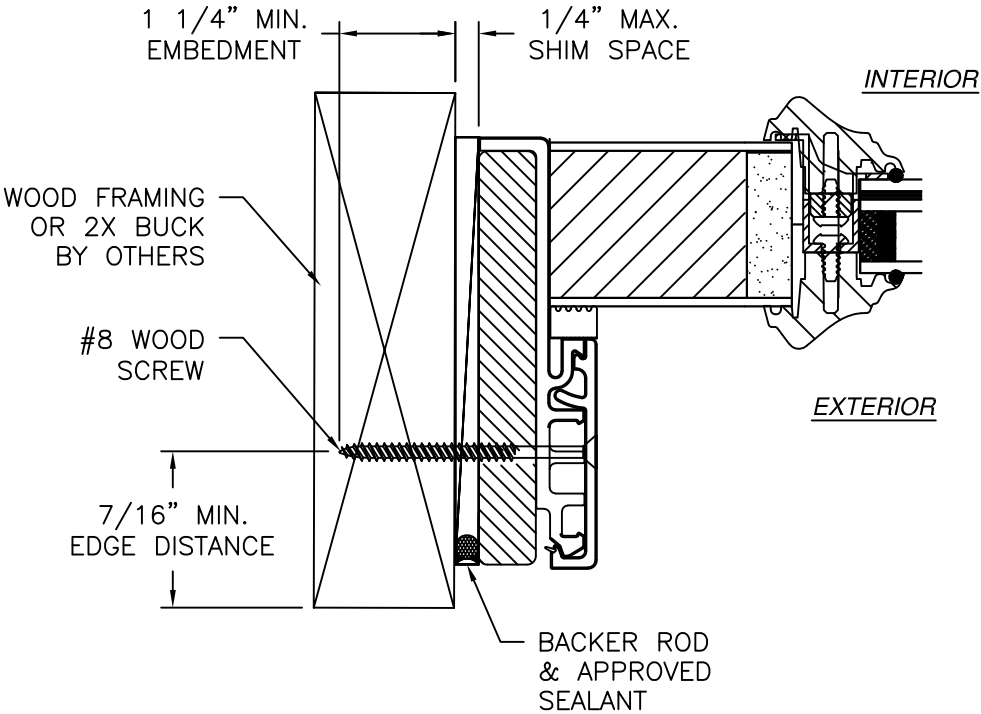
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

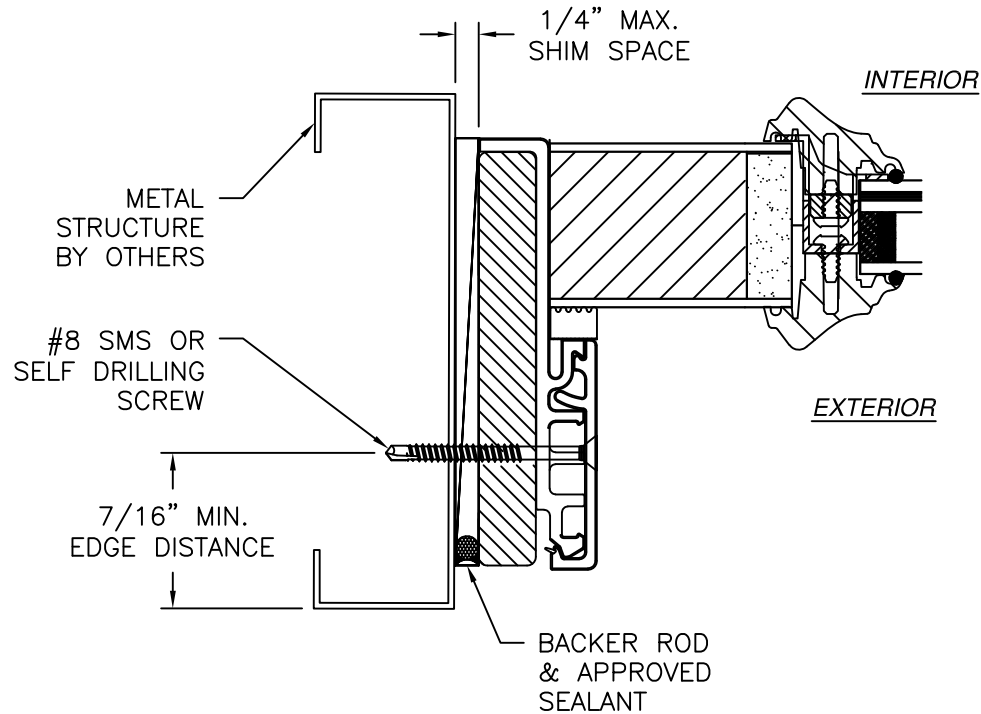


Luis R. Lomas P.E.
FL No.: 62514

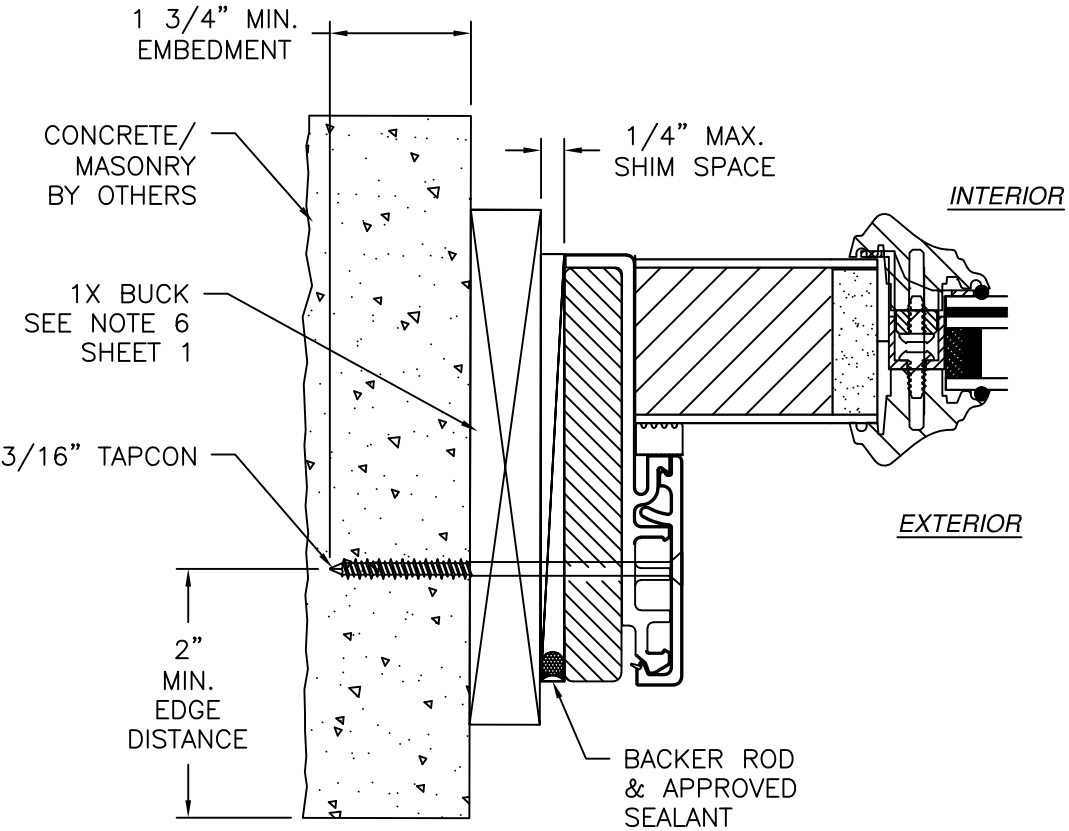
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



FUSION FRAME JAMB
WOOD FRAMING OR 2X BUCK INSTALLATION



FUSION FRAME JAMB
METAL STRUCTURE INSTALLATION



FUSION FRAME JAMB
CONCRETE/MASONRY 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: 09/14/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:
A.R.

DWG NO.
08-03652

REV
E

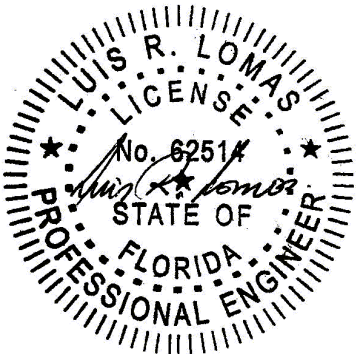
SCALE
NTS

DATE
11/10/2020

SHEET
14 OF 18

L. ROBERTO LOMAS P.E.

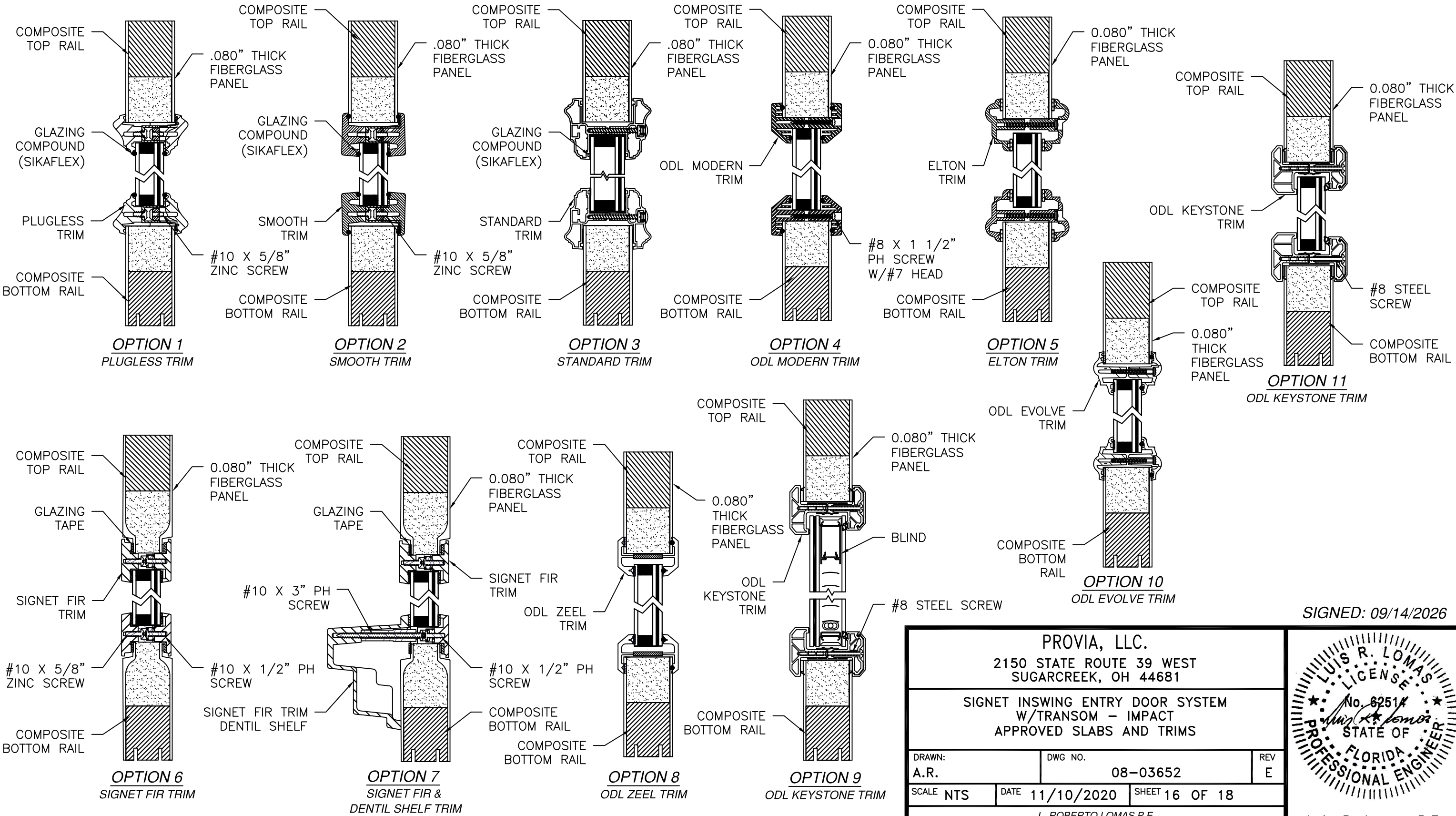
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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

APPROVED SLABS AND TRIMS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



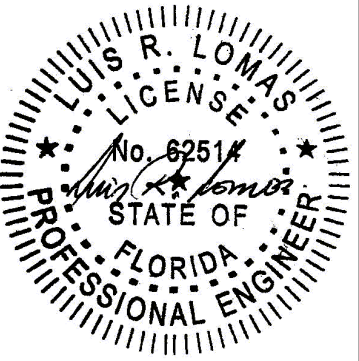
SIGNED: 09/14/2026

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

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

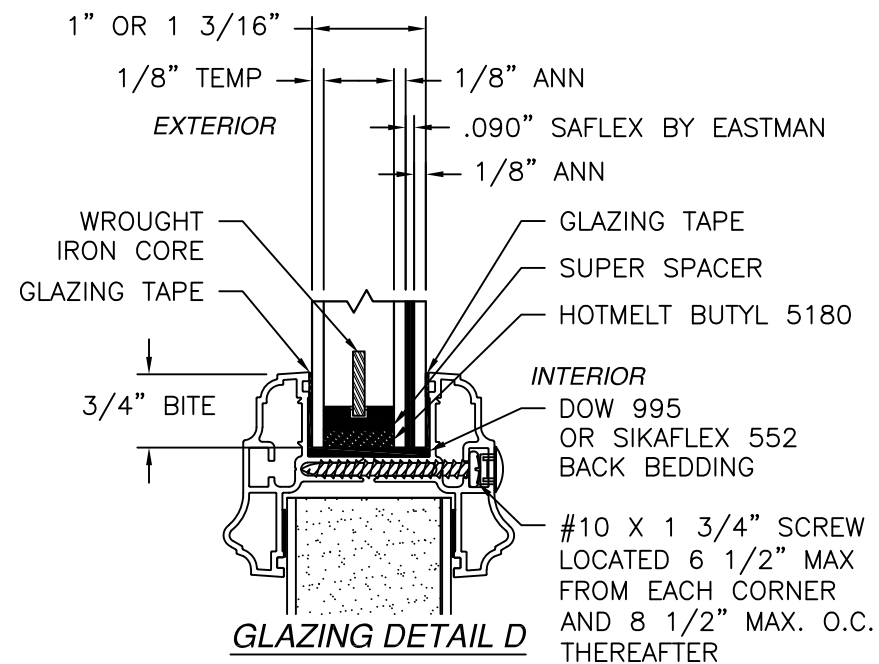
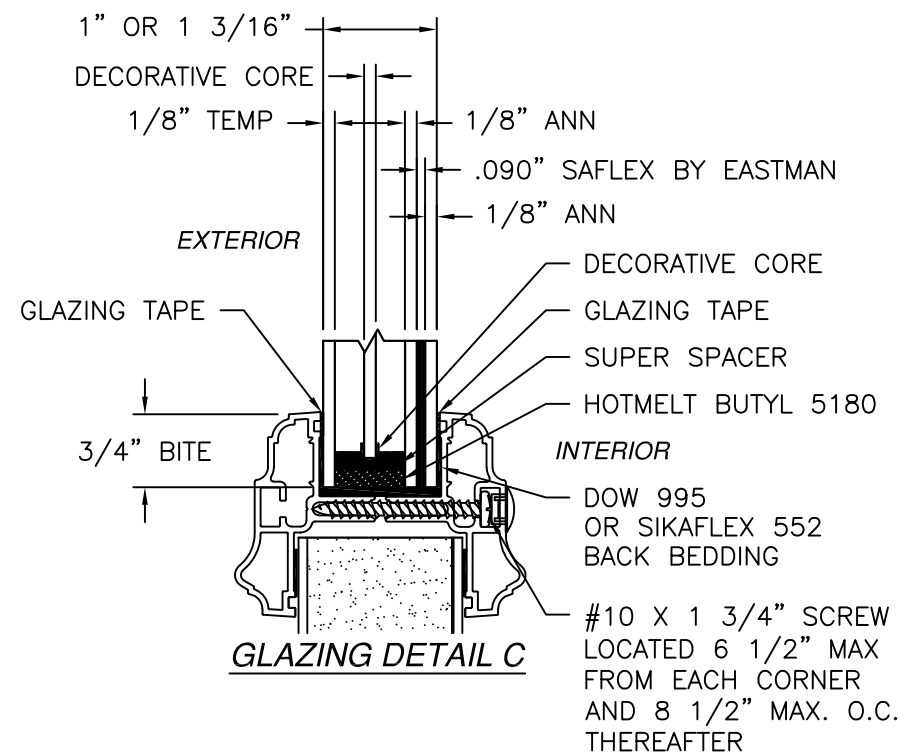
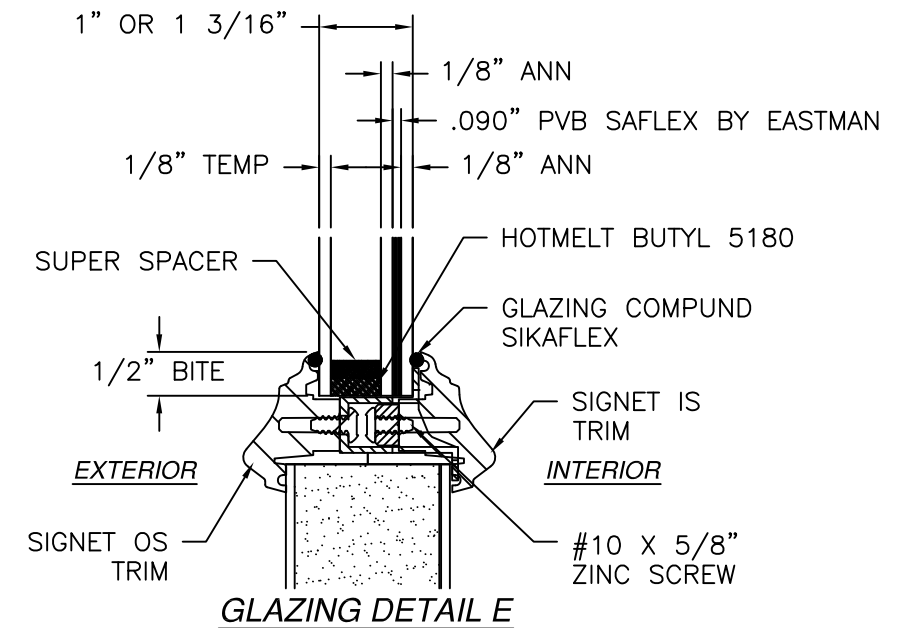
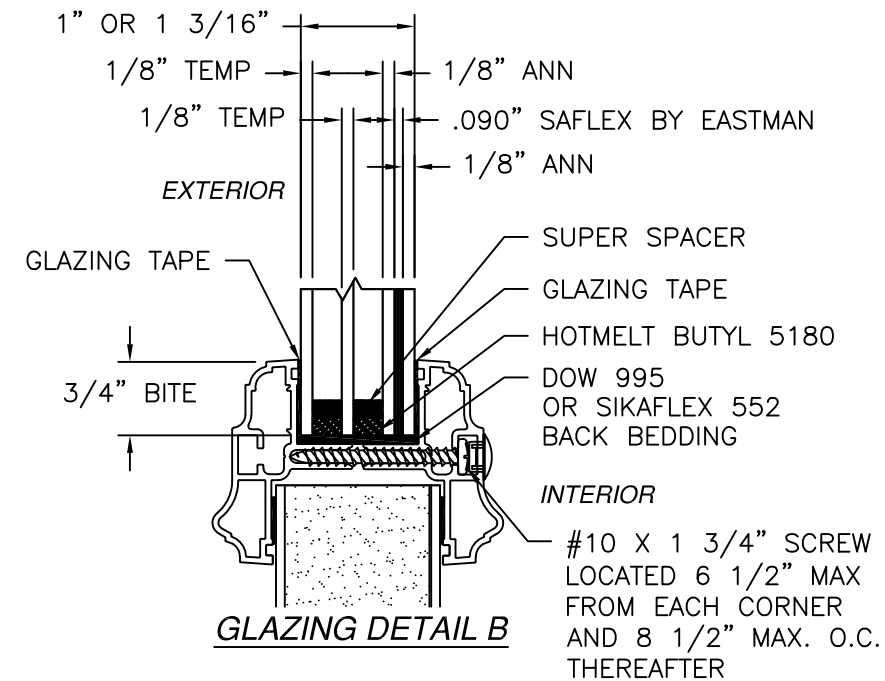
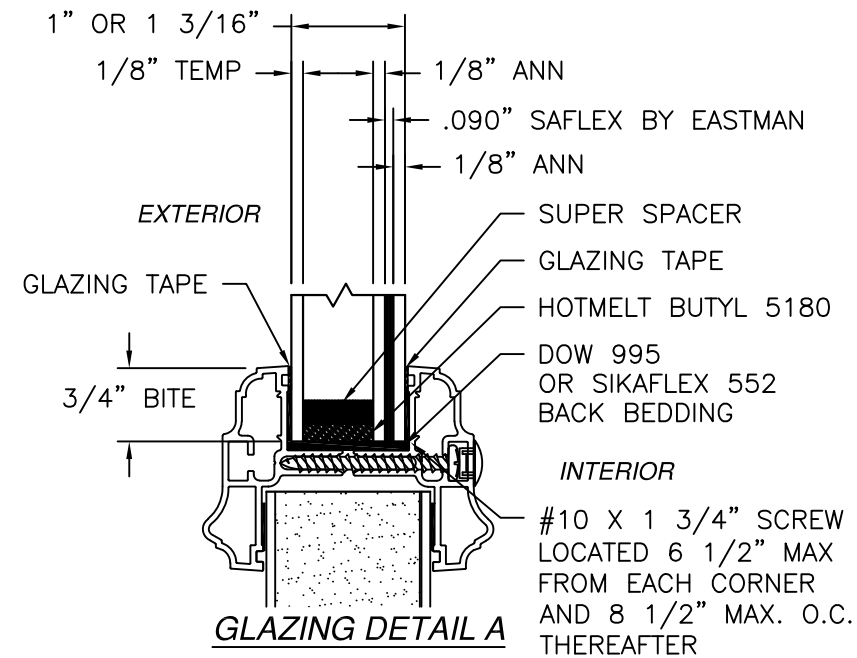
DRAWN: A.R.	DWG NO. 08-03652	REV E
SCALE NTS	DATE 11/10/2020	SHEET 16 OF 18

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
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.



SIGNED: 09/14/2026

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 E

SCALE NTS

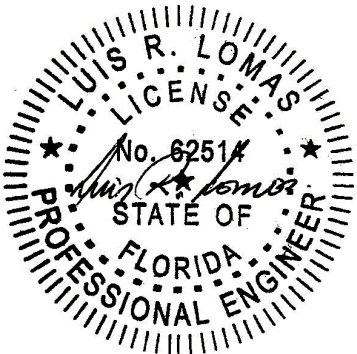
DATE 11/10/2020

SHEET 17 OF 18

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

FRAMESAVER
COMPOSITE

WOOD FRAME PROFILE

COMPOSITE FRAME PROFILE

HYBRID HEAD
WOOD/COMPOSITE

HYBRID JAMB
WOOD/COMPOSITE

SAHARA INSWING THRESHOLD

INSWING SILL ZAIL4565

INSWING SILL ZAI4565F

INSWING SILL ZAILH4565

FAT BOY MULLION
COMPOSITE

HYBRID FAT BOY MULLION
COMPOSITE

INSWING SILL ZACL4565

INSWING SILL ZAC4565F

INSWING SILL ZACLH4565

ASTRAGAL WITH
THERMAL BREAK ASSEMBLY

INSWING SILL
DOOR

INSWING SILL
STANDARD SIDELITE

INSWING SILL
DIRECT SET SIDELITE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED HARDWARE SCHEDULE	09/14/26	R.L.

SIGNED: 09/14/2026

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
E

SCALE
NTS

DATE
11/10/2020

SHEET
18 OF 18

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