

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEystone TRIM	08/21/2024	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 – 5	ELEVATION
6	DESIGN PRESSURE CHARTS
7	HORIZONTAL CROSS SECTIONS
8 – 15	INSTALLATION DETAILS
16	GLAZING DETAILS
17	COMPONENTS

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

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08–03653

REV
D

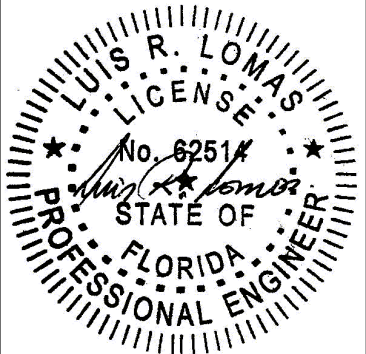
SCALE NTS

DATE 11/12/2020

SHEET 1 OF 18

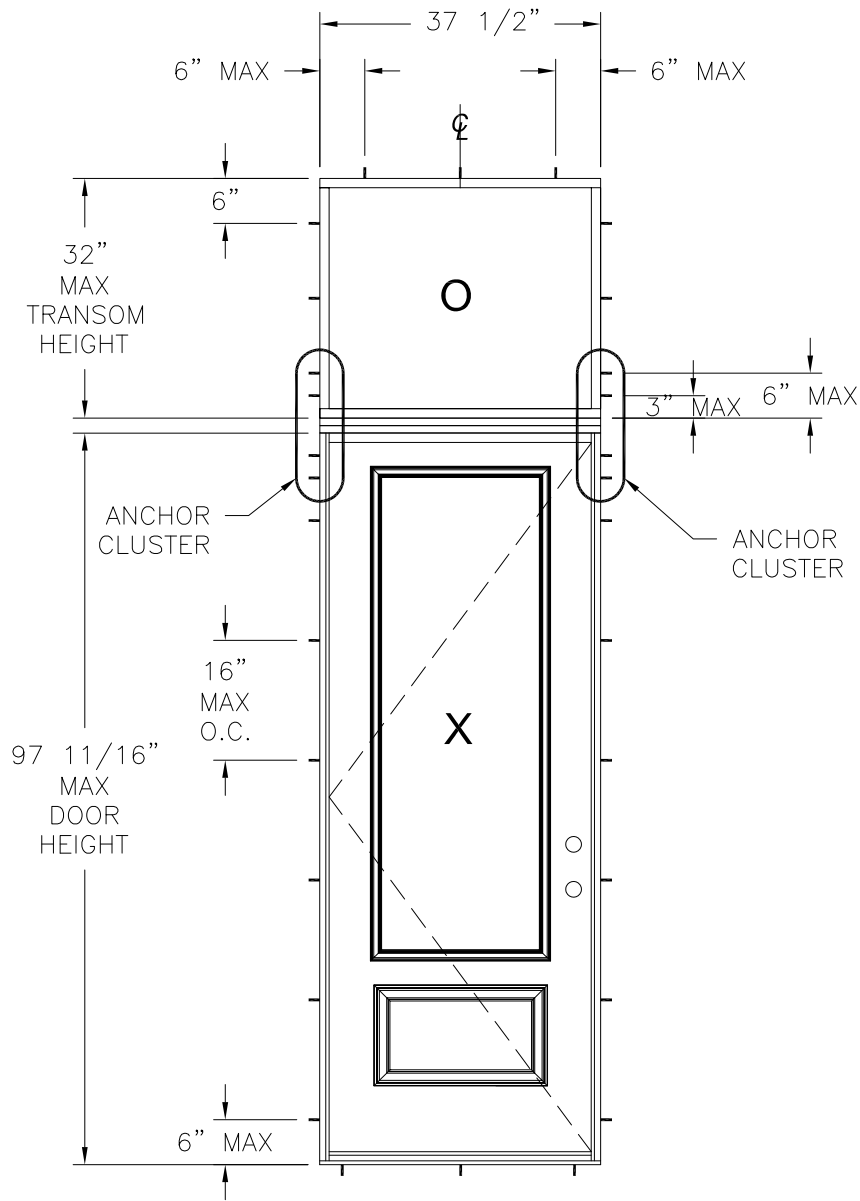
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/27/2024



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



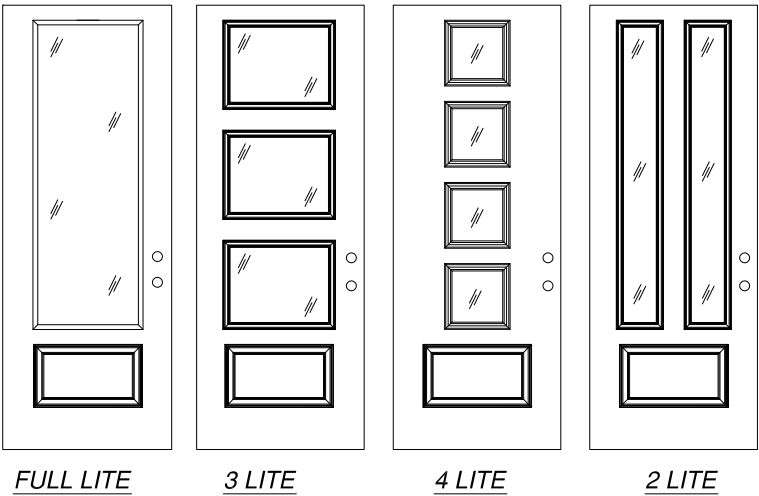
SIGNET OS SINGLE DOOR W/TRANSOM
EXTERIOR VIEW

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

MISSILE LEVEL D, WIND ZONE 3

- NOTES:
1. MAX. DOOR PANEL SIZE: 35 3/4" X 95"
 2. MAX. SIDELITE PANEL SIZE: 15 7/8" X 95"
 3. MAX. DOOR PANEL D.L.O.: 21 1/8" X 79 1/16"
 4. MAX. SIDELITE PANEL D.L.O.: 7" 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 FT²

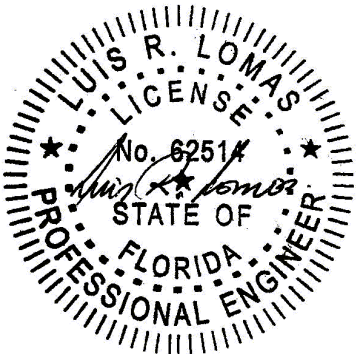
SIGNED: 08/27/2024

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

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

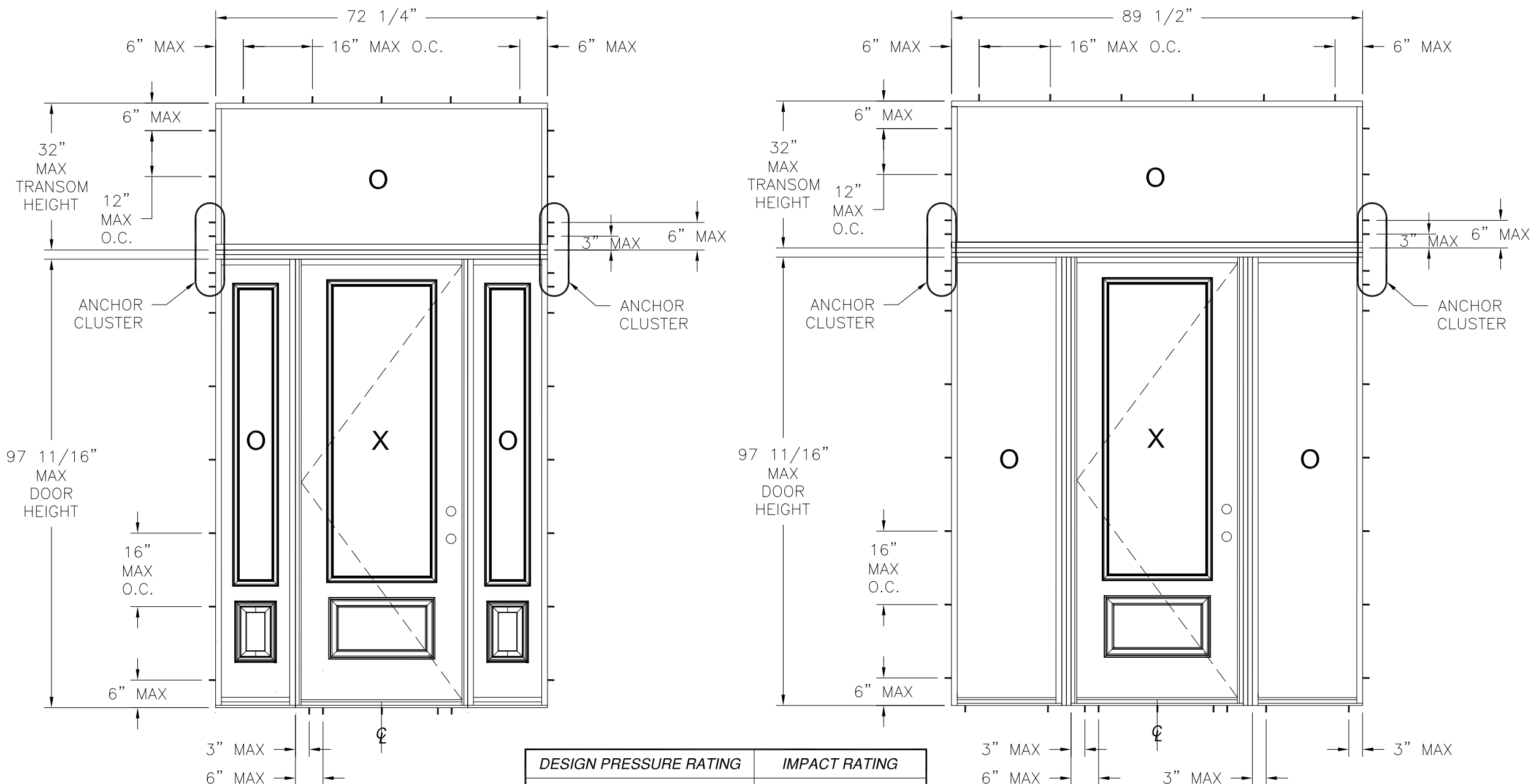
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 2 OF 18

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
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



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

MISSILE LEVEL D, WIND ZONE 3
SIGNET OS 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. MAX. SIDELITE PANEL D.L.O. DIRECT SET 21 1/8" X 93 1/2"

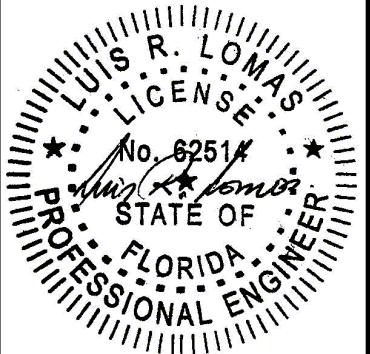
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT
SINGLE W/SIDELITES AND TRANSOM ELEVATIONS

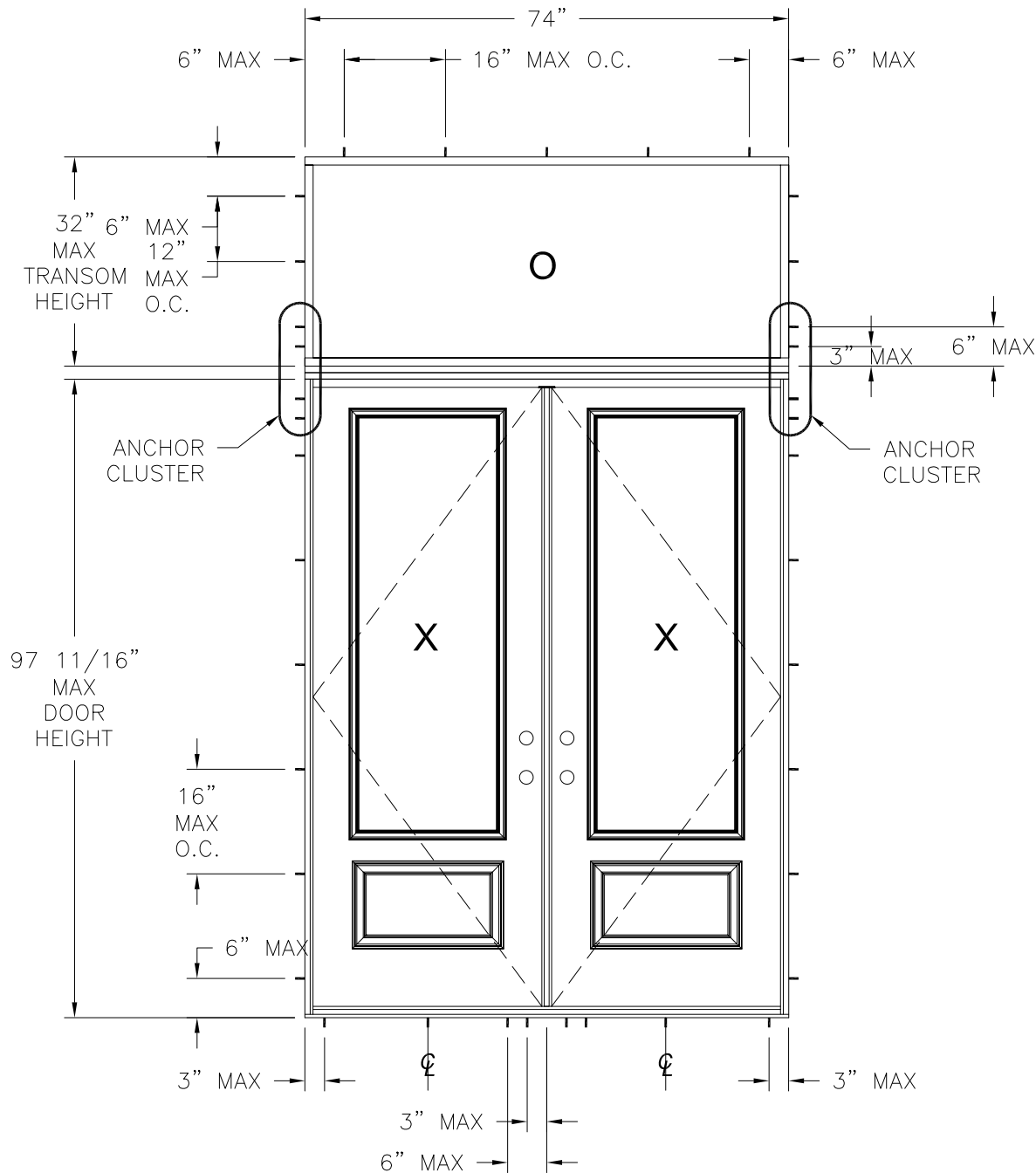
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 3 OF 18

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

SIGNED: 08/27/2024



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

MISSILE LEVEL D, WIND ZONE 3
SIGNET OS DOUBLE DOOR W/TRANSOM
EXTERIOR VIEW
SEE CHARTS SHEET 6 FOR RATINGS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.

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

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT
DOUBLE W/TRANSOM ELEVATION

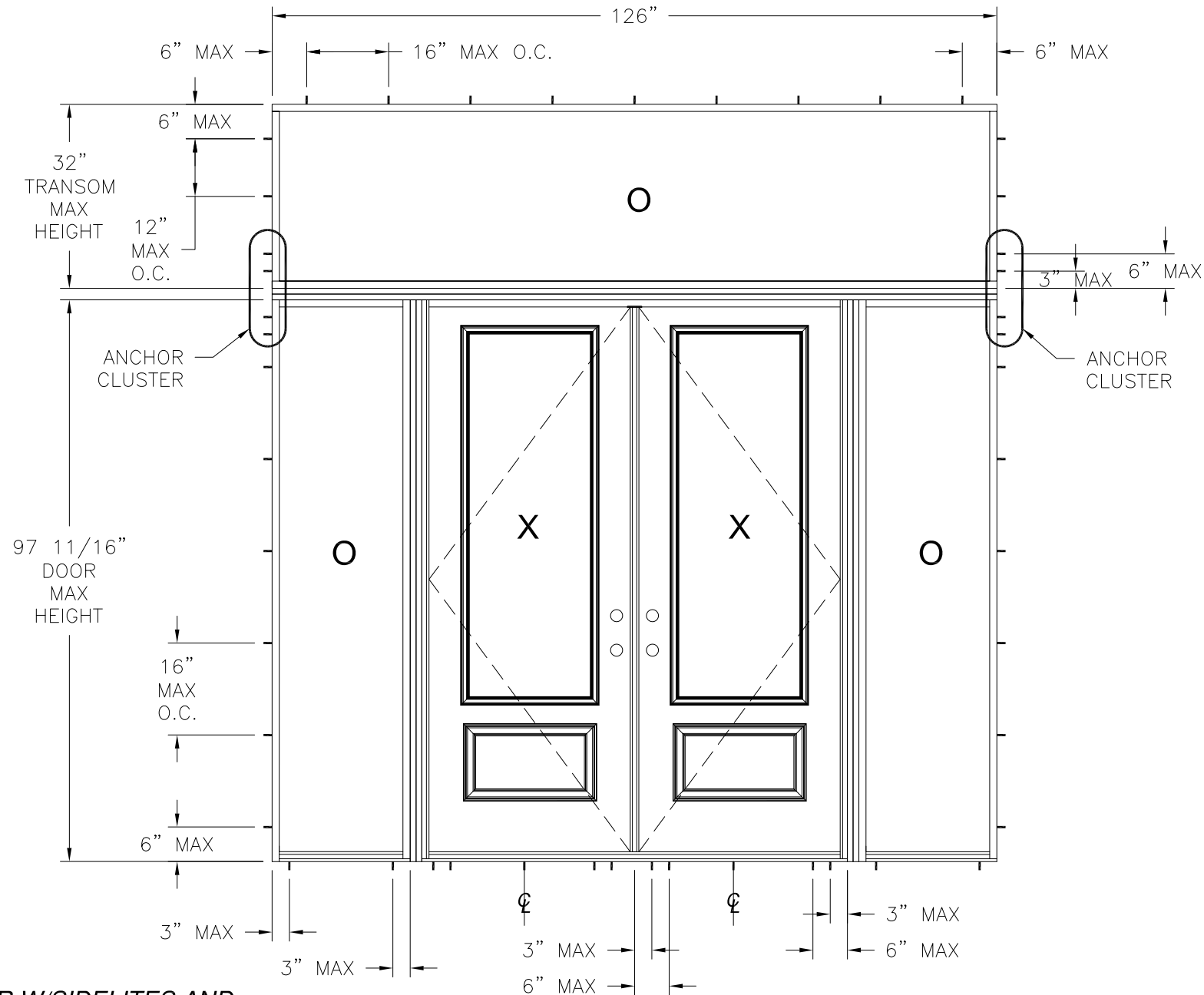
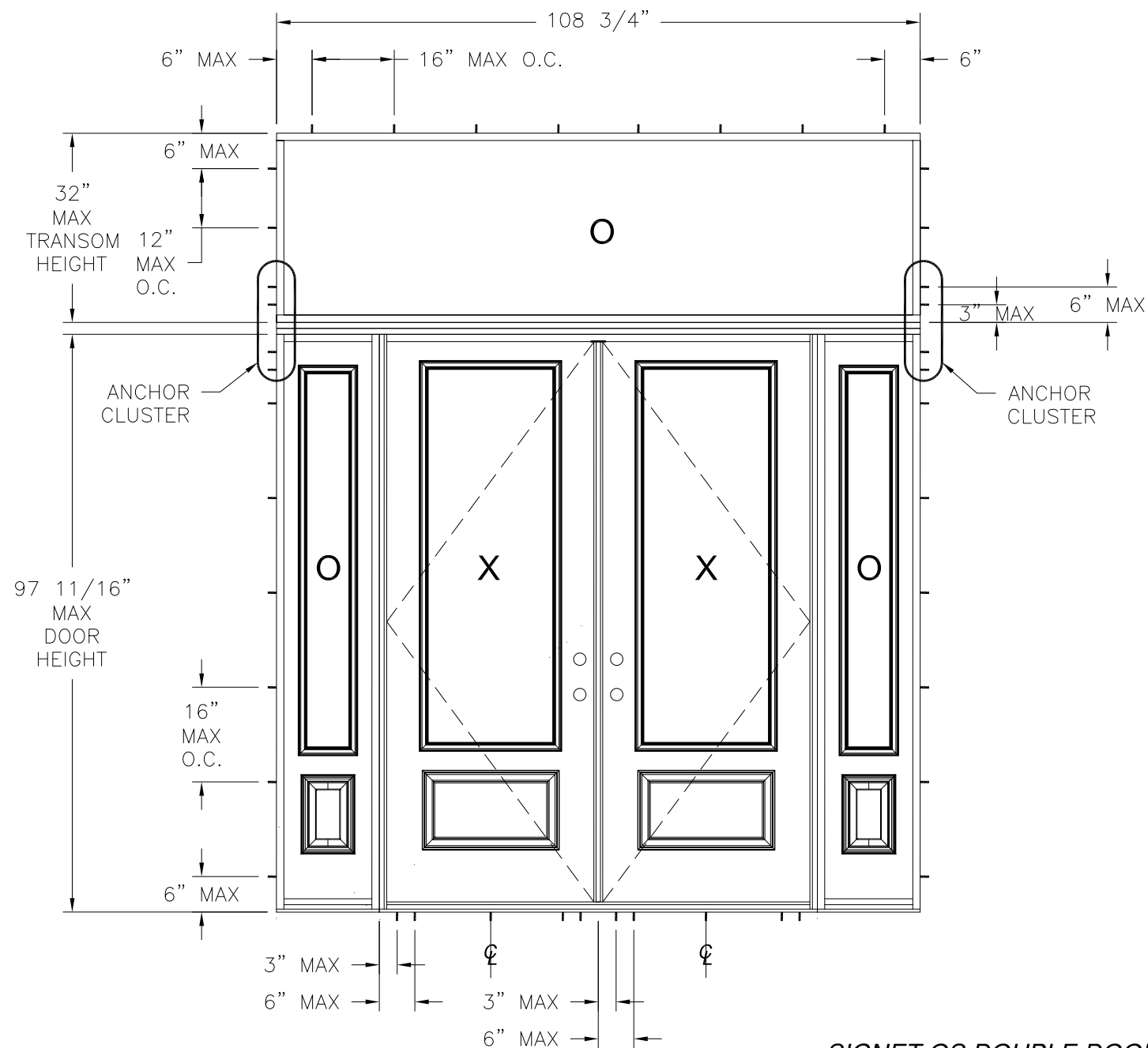
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 4 OF 18

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

SIGNED: 08/27/2024

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



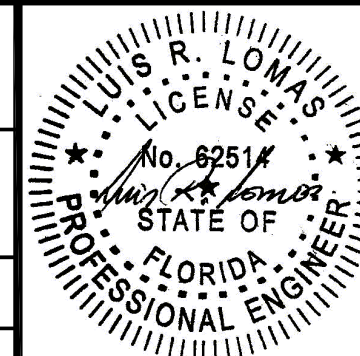
**SIGNET OS DOUBLE DOOR W/SIDELITES AND
TRANSOM**
EXTERIOR VIEW
SEE CHARTS SHEET 6 FOR RATINGS

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. MAX. SIDELITE PANEL D.L.O. DIRECT SET 21 1/8" X 93 1/2"

SIGNED: 08/27/2024

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM – IMPACT DOUBLE W/SIDELITES AND TRANSOM ELEVATIONS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 5 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
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	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

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

SIGNED: 08/27/2024

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

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT
DESIGN PRESSURE CHARTS

DRAWN:
A.R.

DWG NO.
08-03653

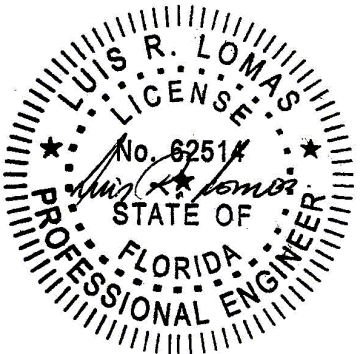
REV
D

SCALE
NTS

DATE
11/12/2020

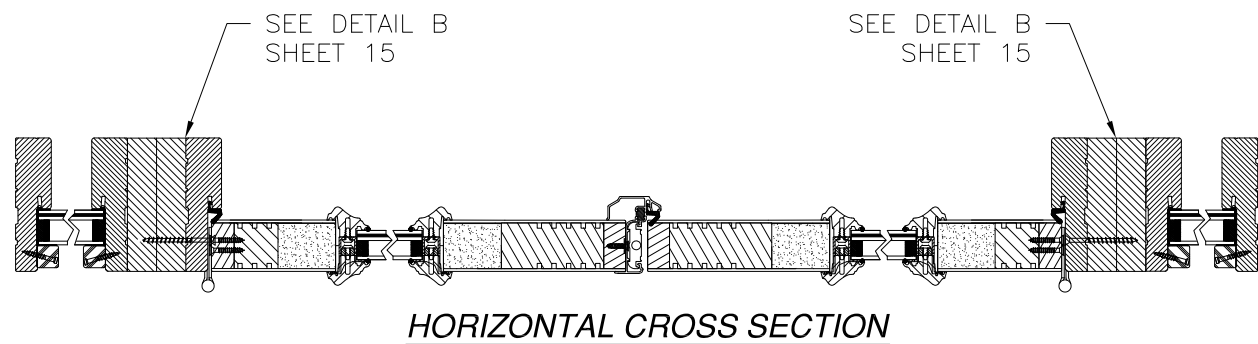
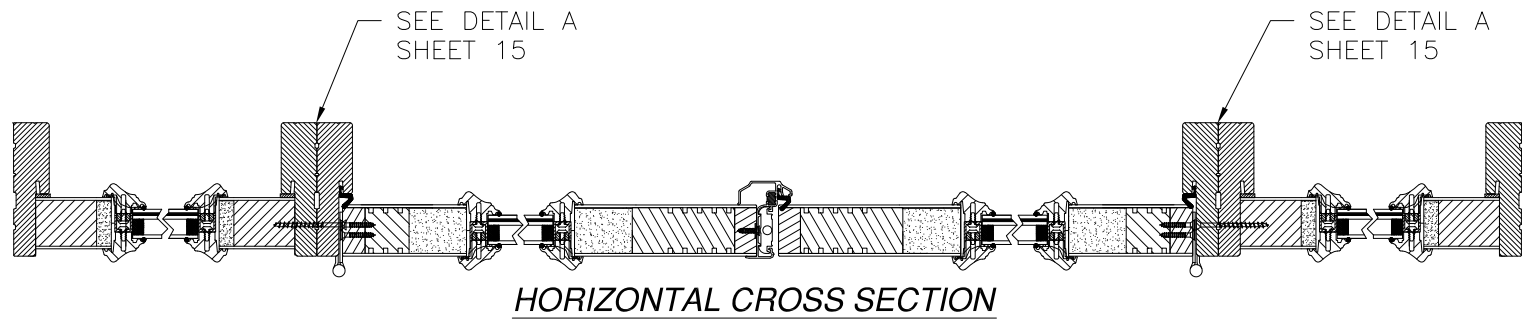
SHEET
6 OF 18

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
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



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)
J.	PANOLOCK MULTI-POINT LOCK ASSEMBLY (ALTERNATE)

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

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

DRAWN:
A.R.

DWG NO.
08-03653

REV
D

SCALE NTS

DATE 11/12/2020

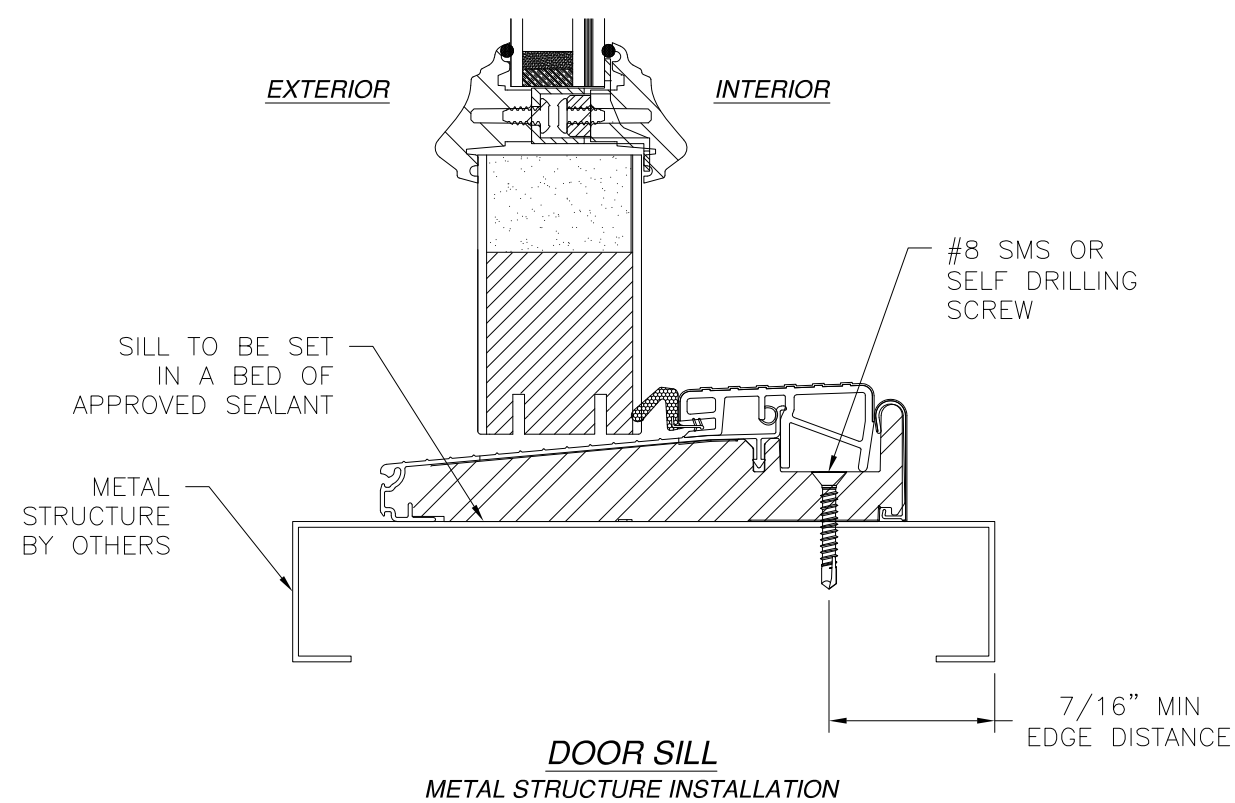
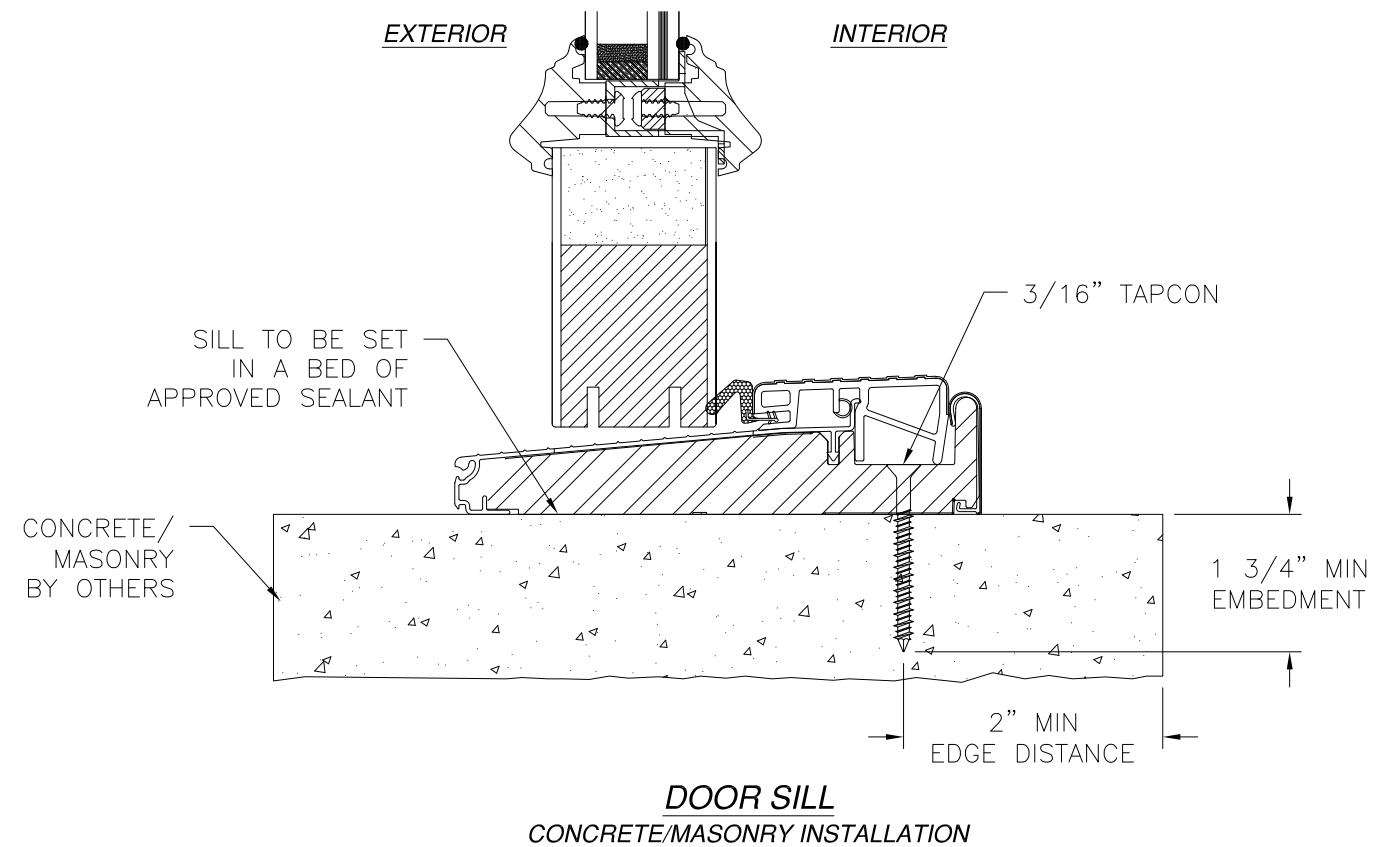
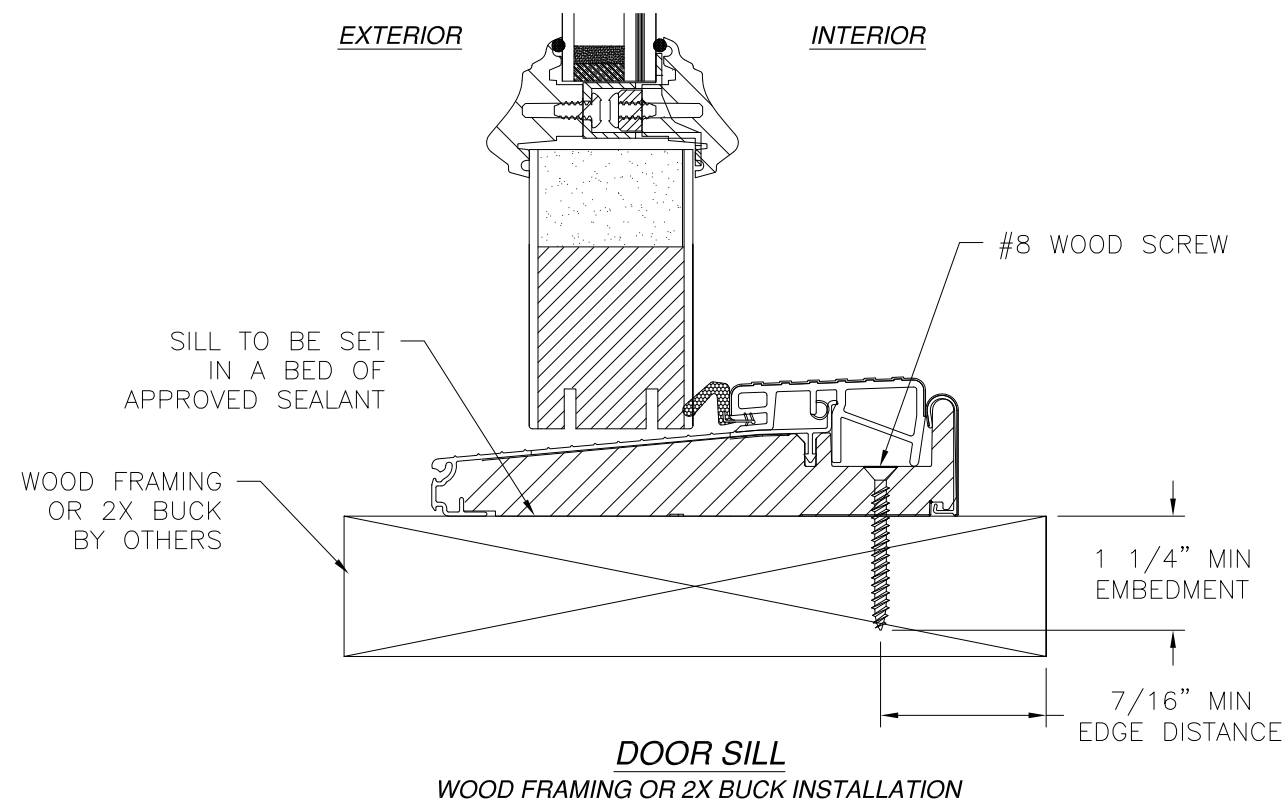
SHEET 7 OF 18

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

SIGNED: 08/27/2024

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.

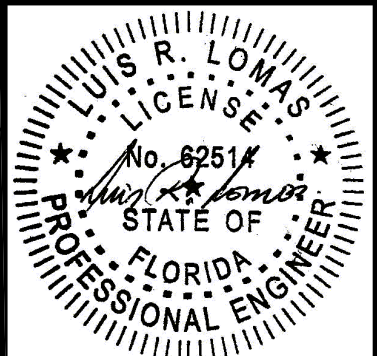


NOTES:

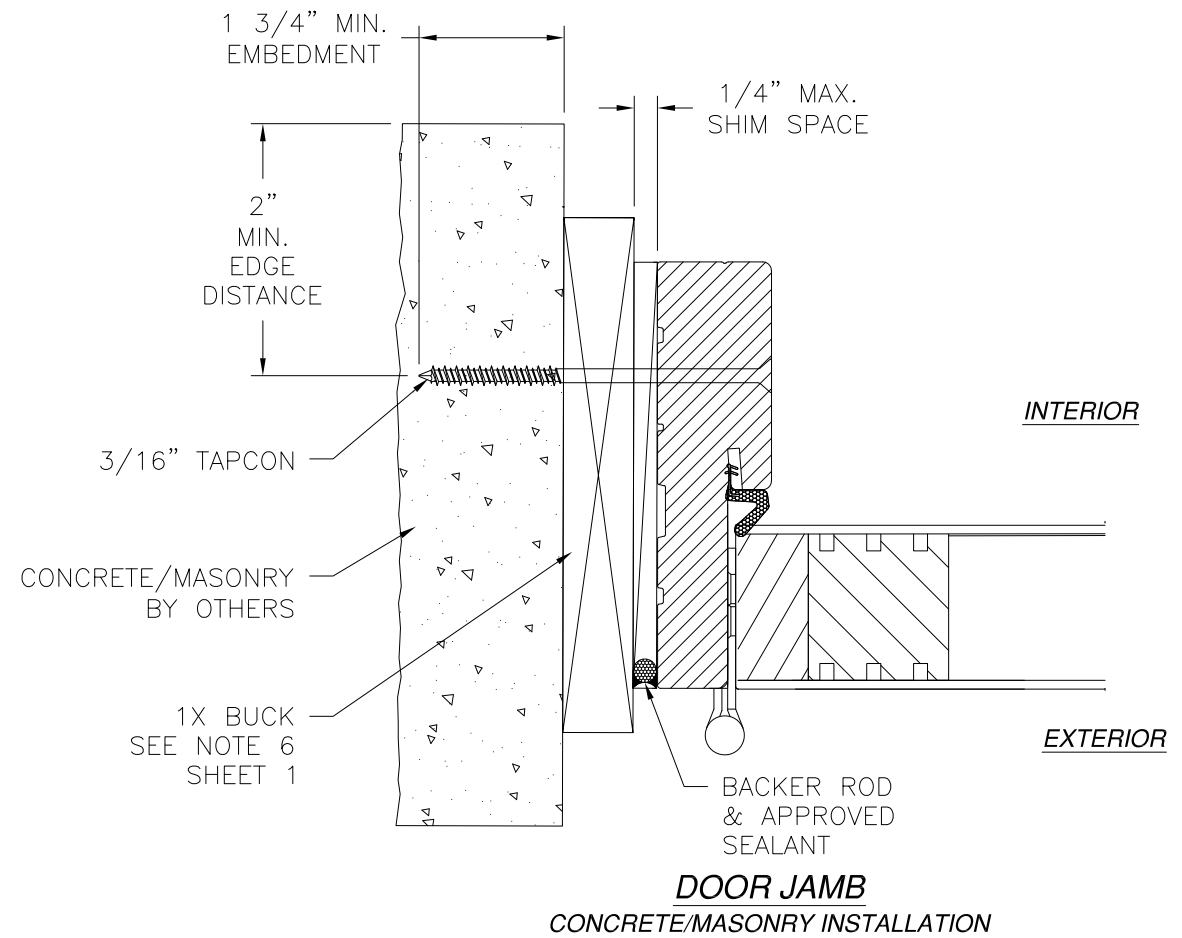
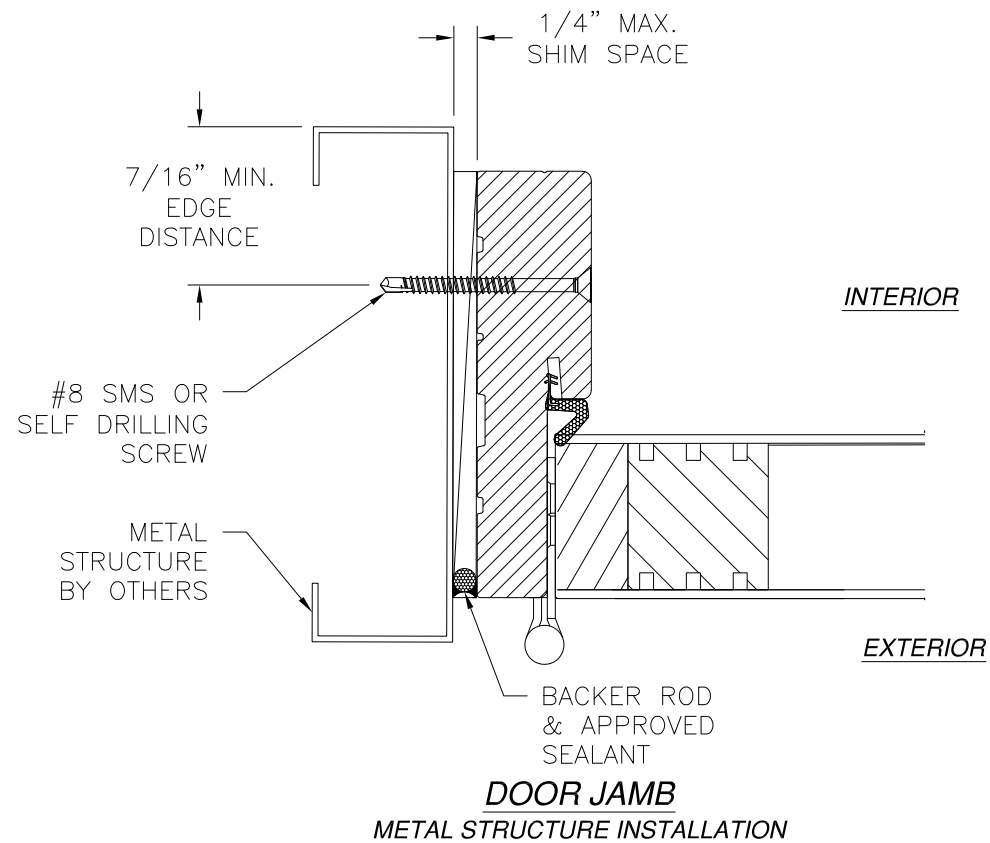
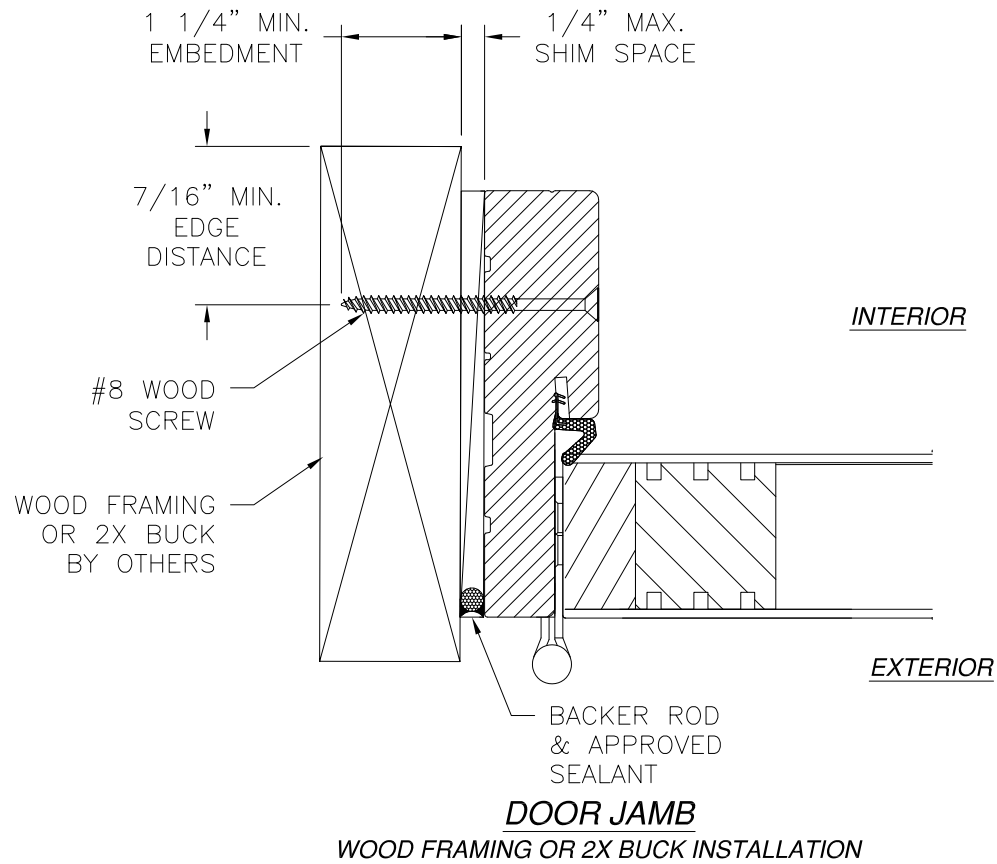
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 08/27/2024

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT DOOR SILL INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 8 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

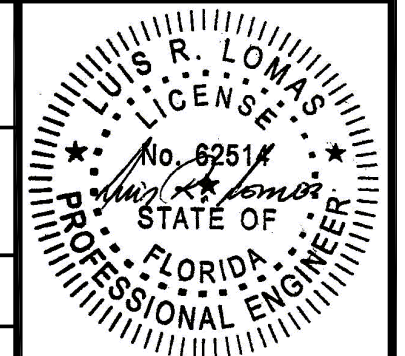


Luis R. Lomas P.E.
FL No.: 62514



- NOTES:
1. 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 OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT DOOR JAMB INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 9 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

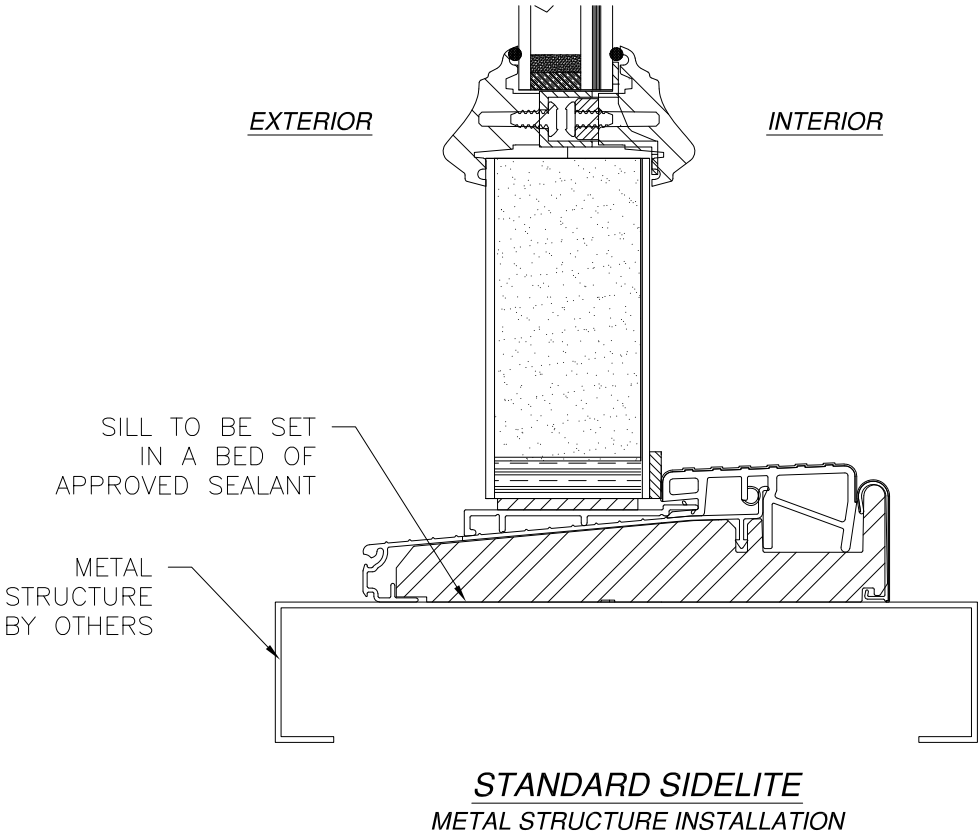
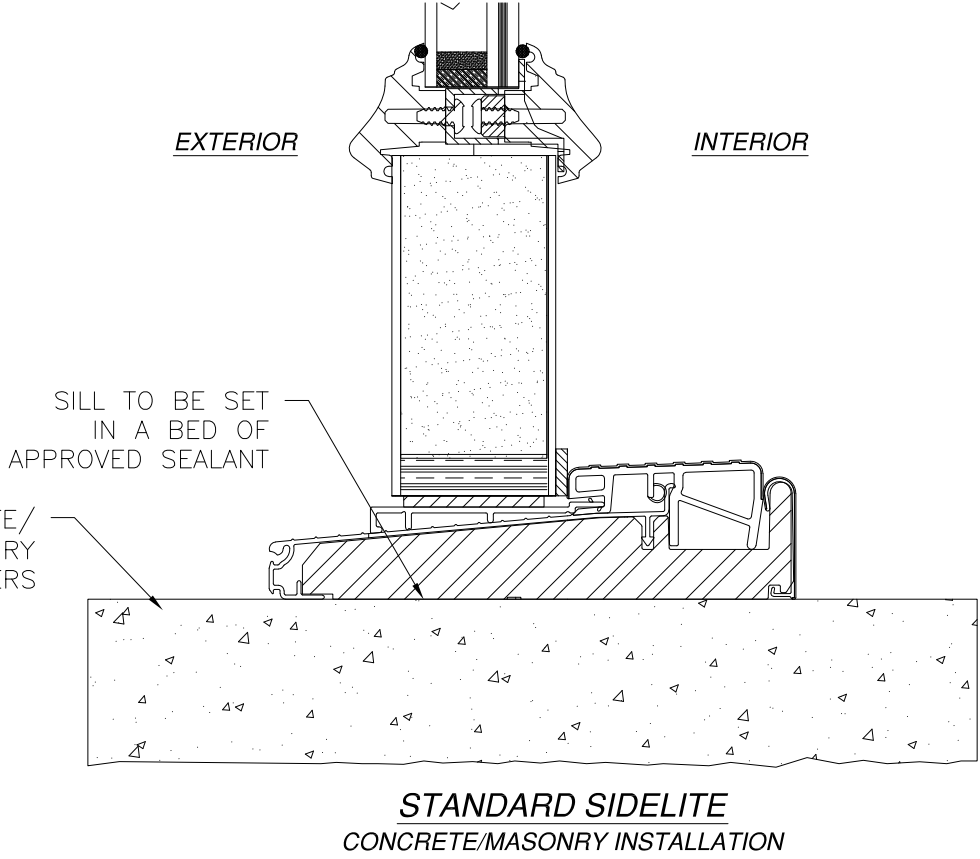
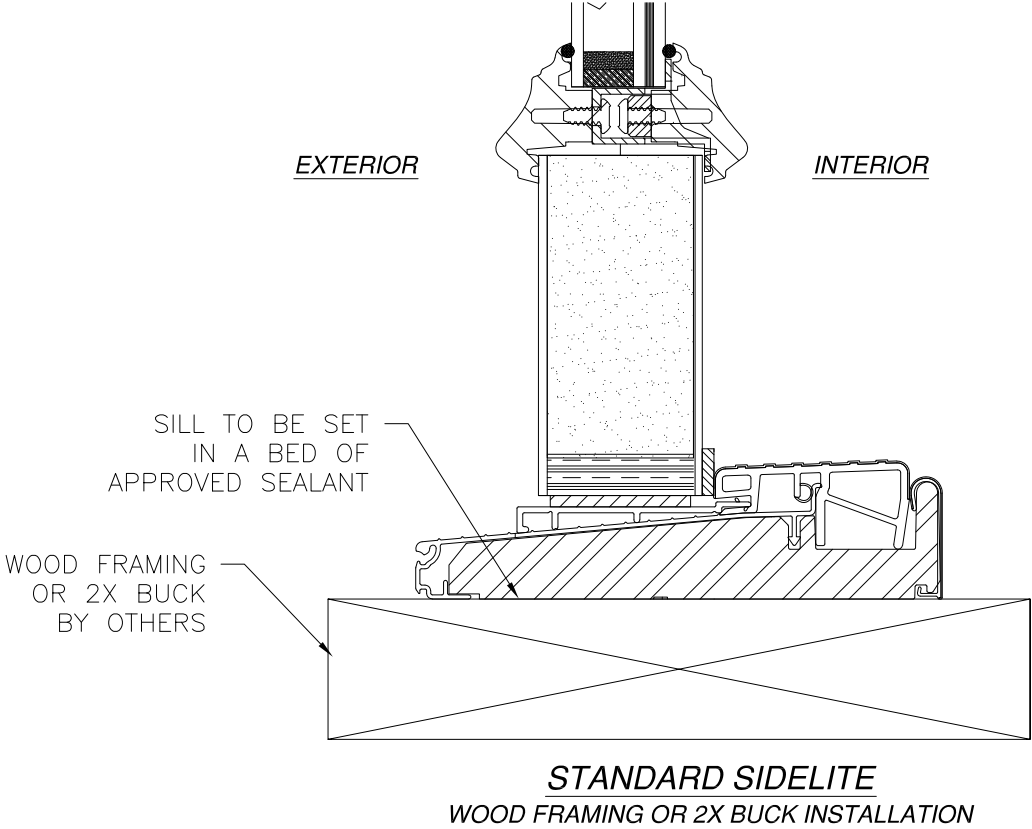


SIGNED: 08/27/2024

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	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 OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM - IMPACT
STANDARD SIDELITE SILL INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 10 OF 18

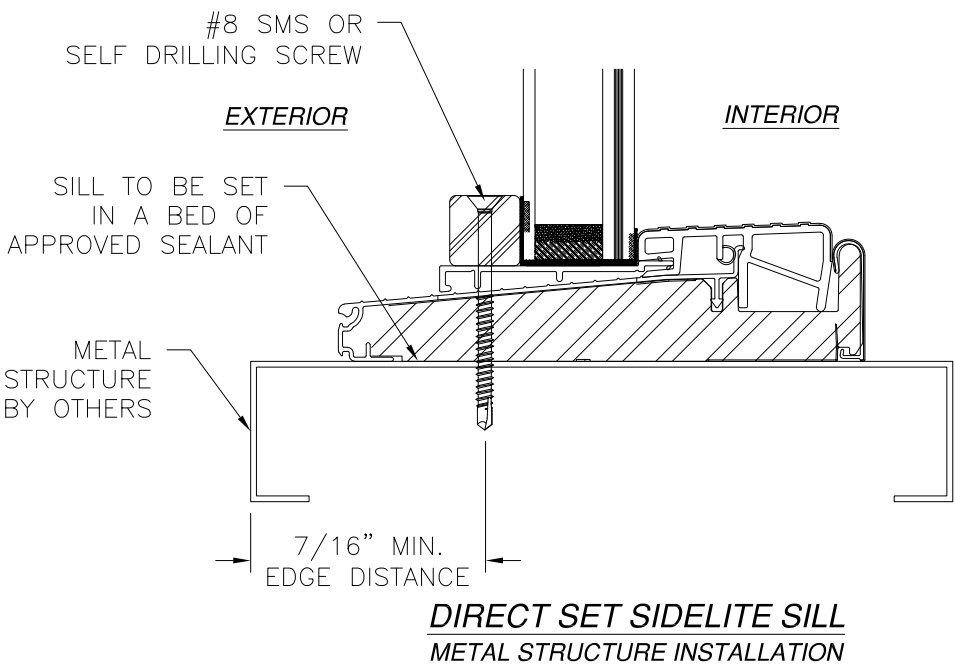
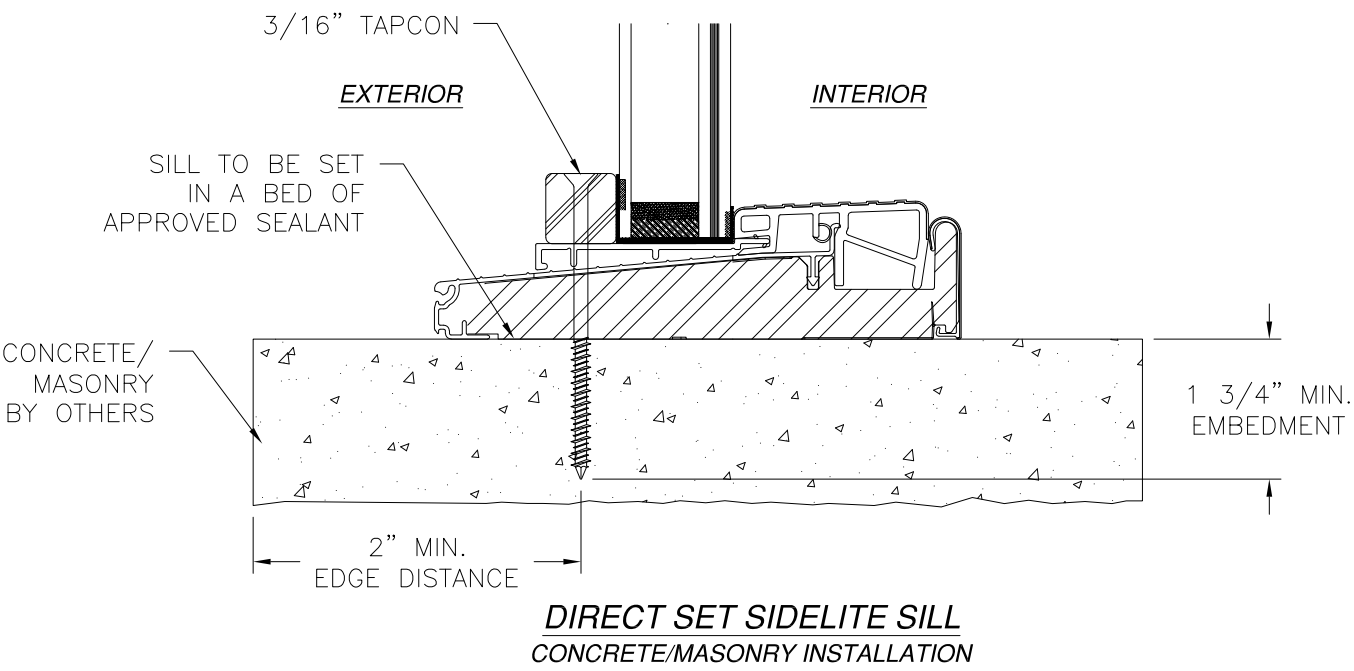
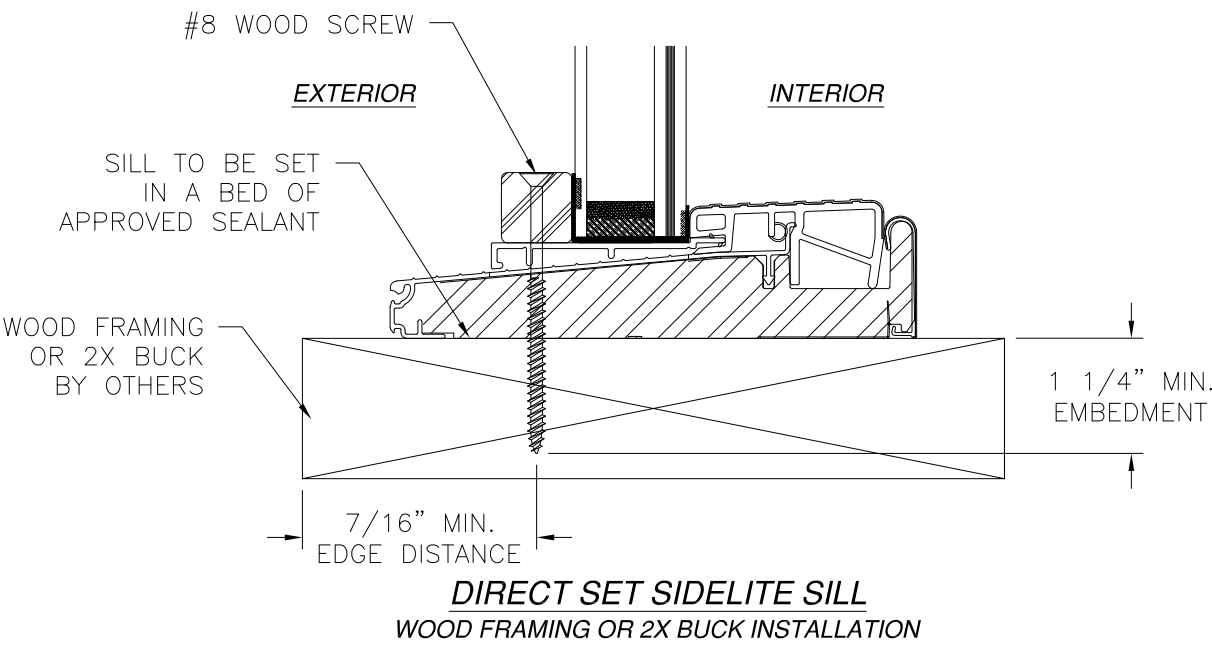
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/27/2024

LUIS R. LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

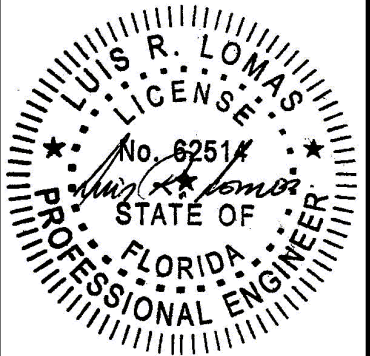
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



- 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

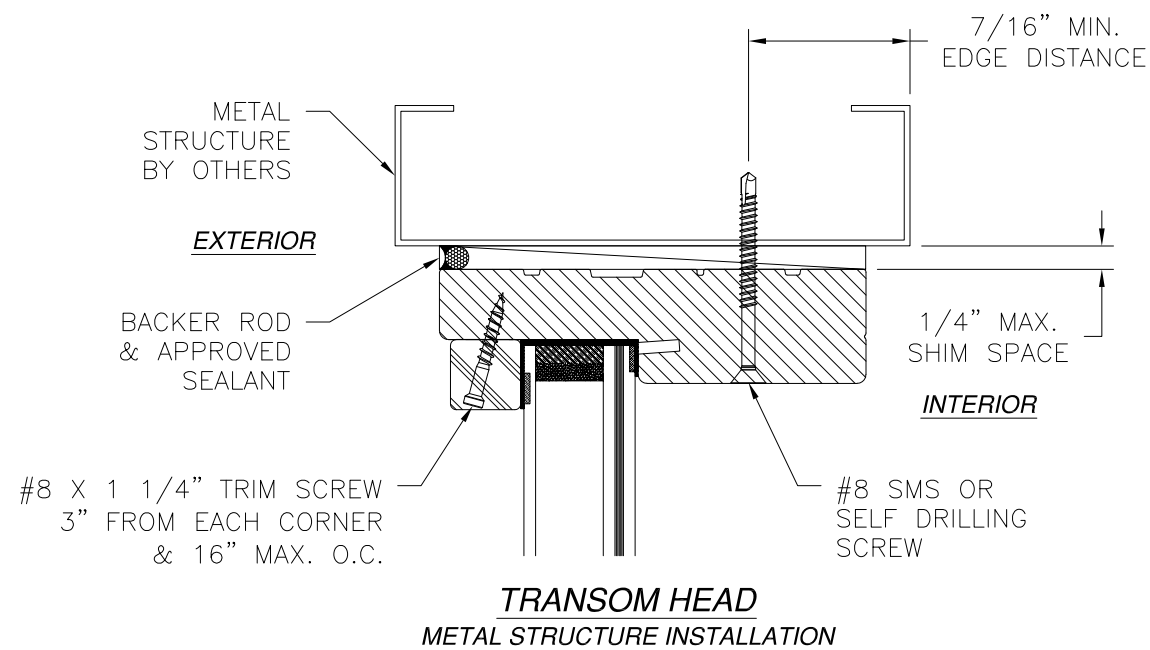
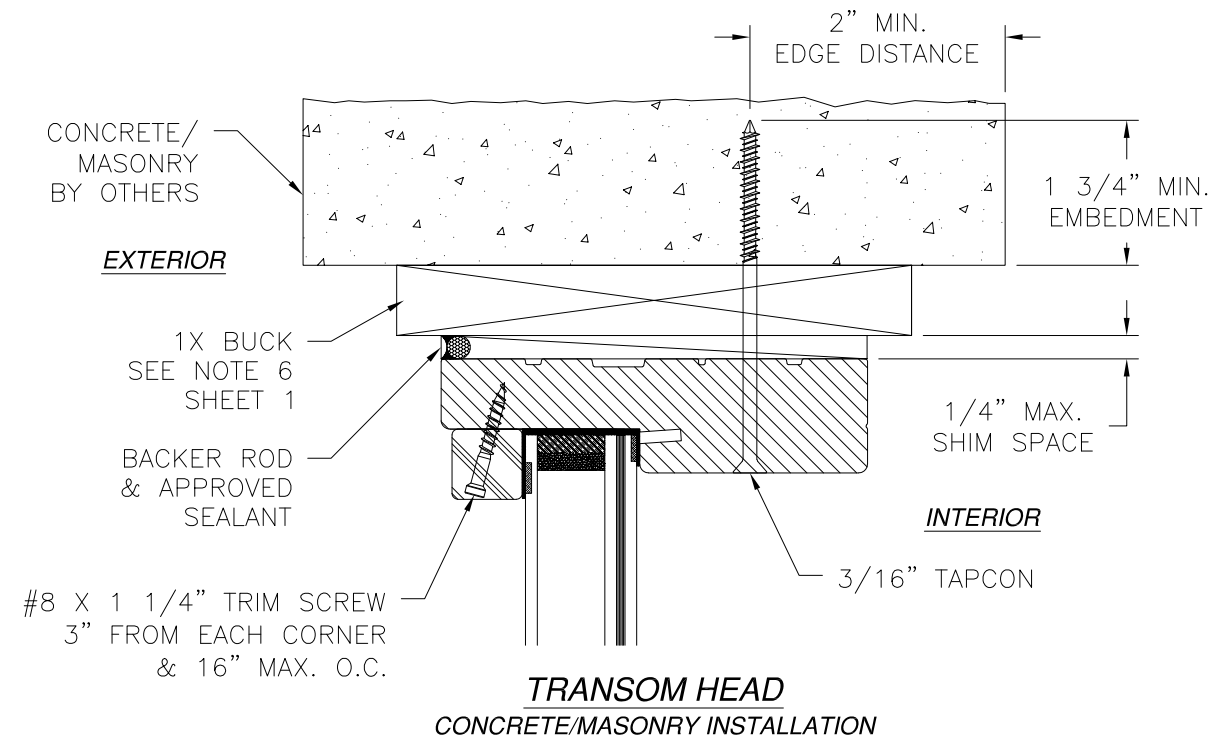
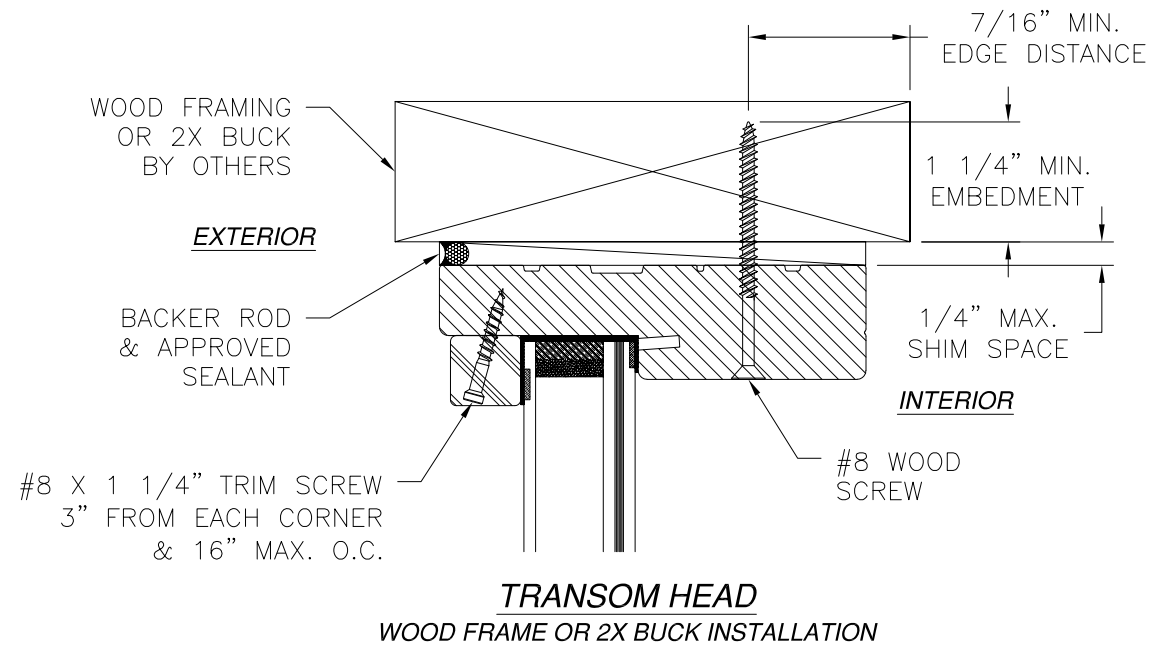
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT DIRECT SET SIDELITE SILL INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 11 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/27/2024



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

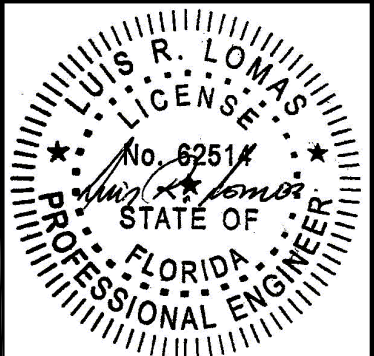
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



- 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

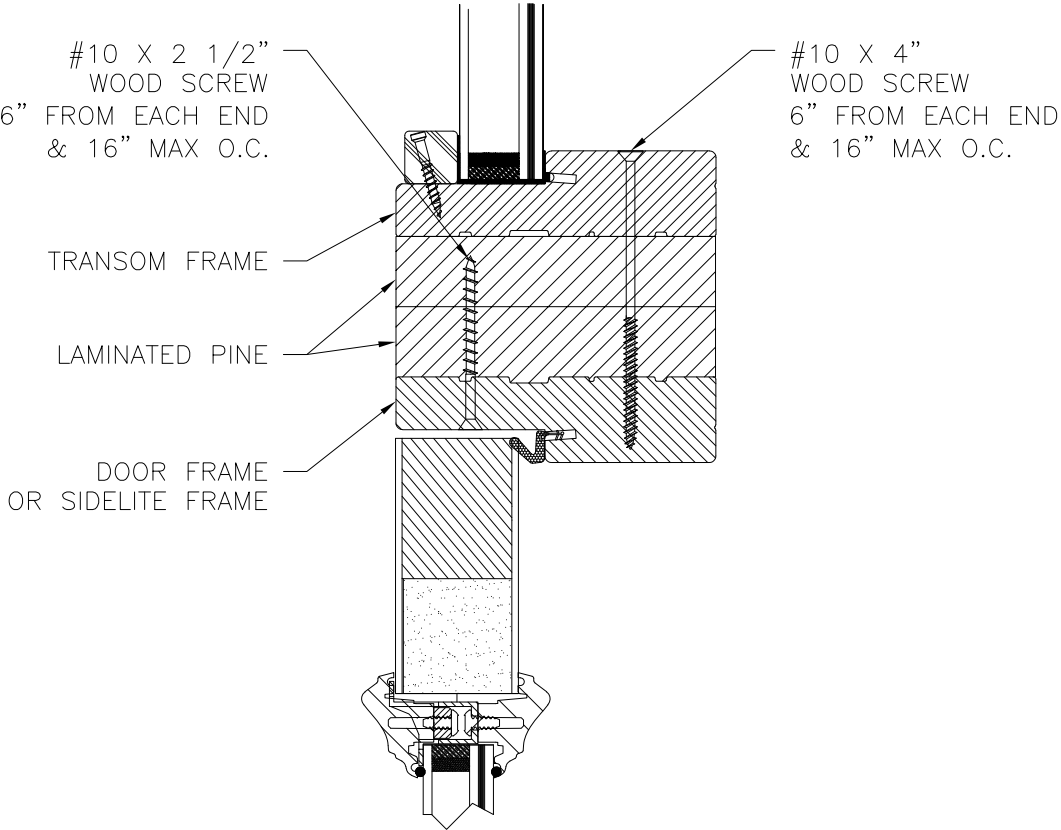
SIGNED: 08/27/2024

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT TRANSOM HEAD INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 12 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

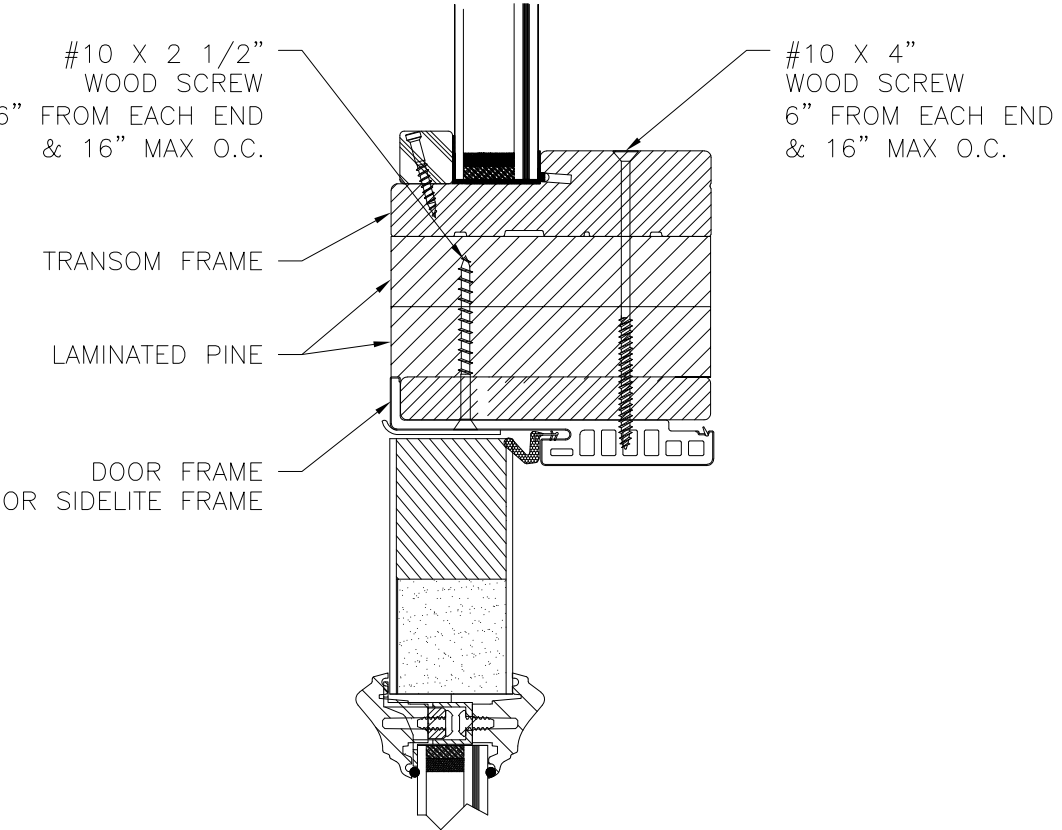


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



HORIZONTAL MULLION
STANDARD FRAME



HORIZONTAL MULLION
FUSION FRAME

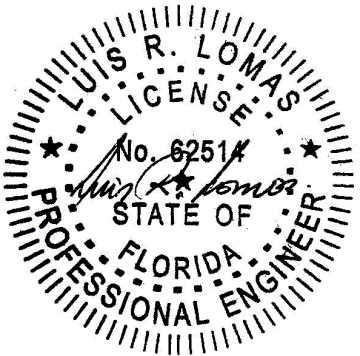
SIGNED: 08/27/2024

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

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM – IMPACT
HORIZONTAL MULLION INSTALLATION DETAILS

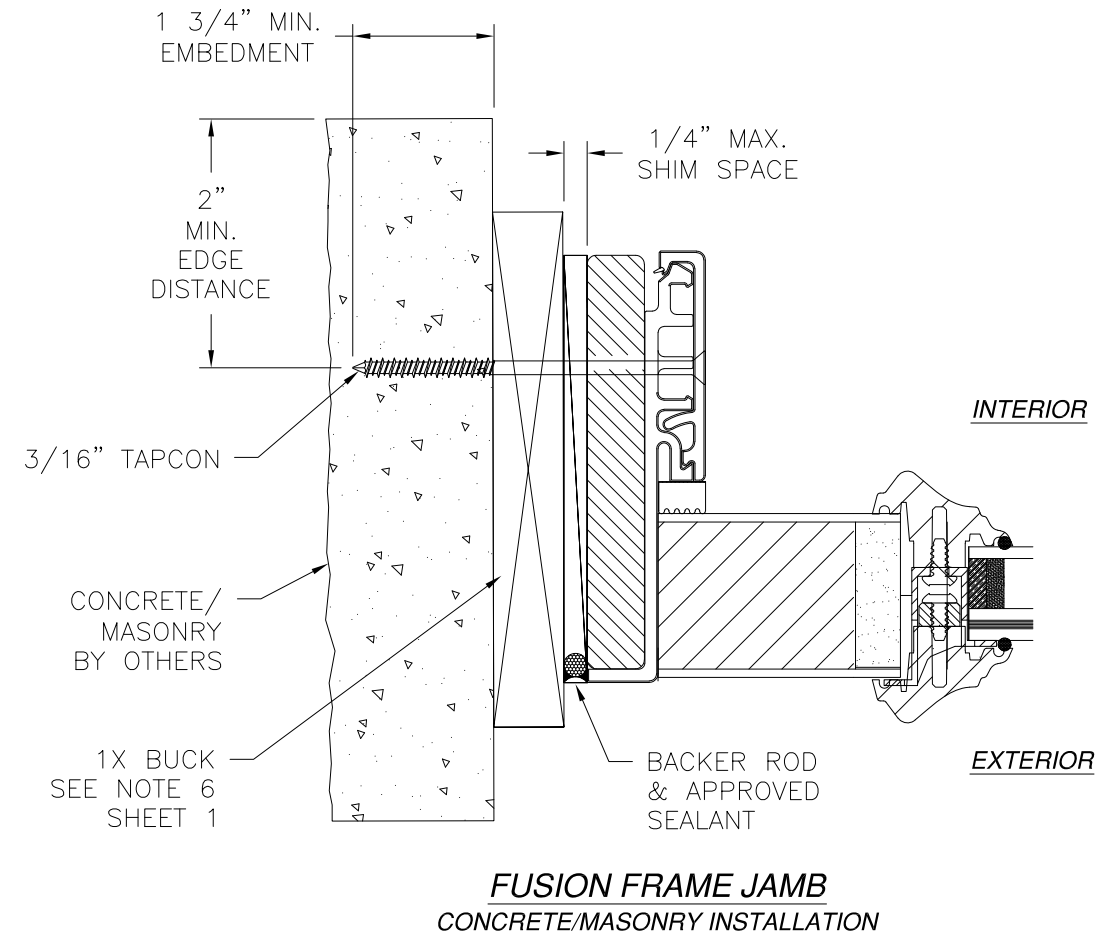
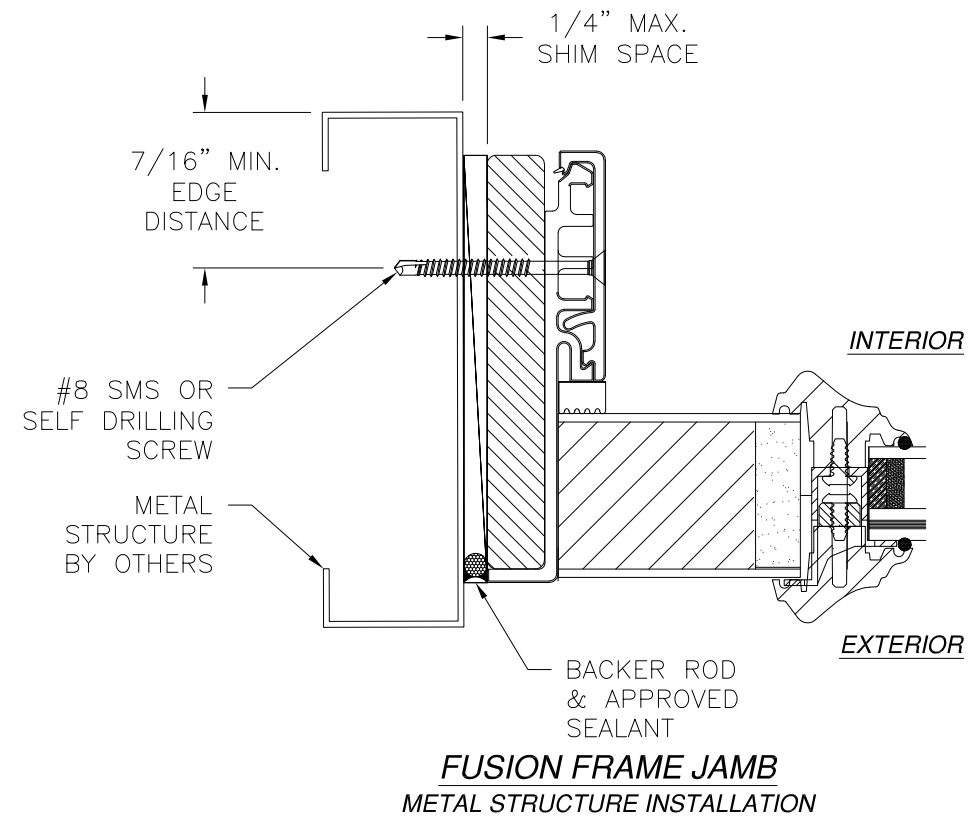
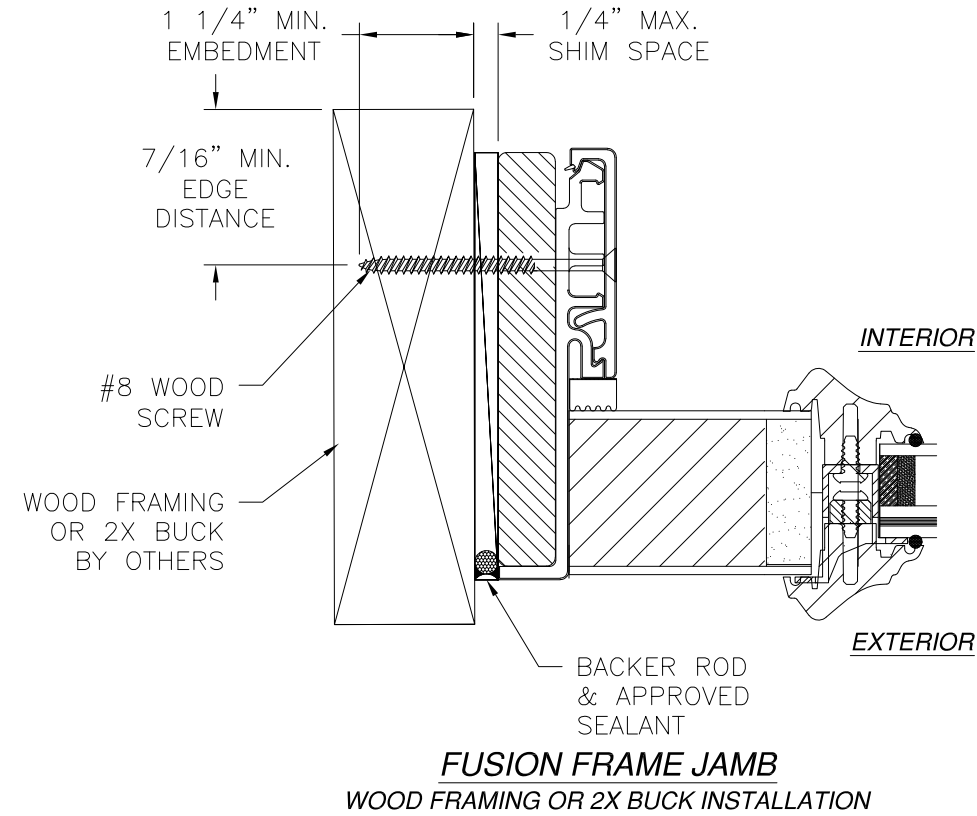
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 13 OF 18

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
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.

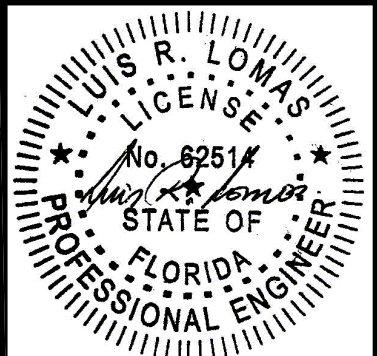


NOTES:

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

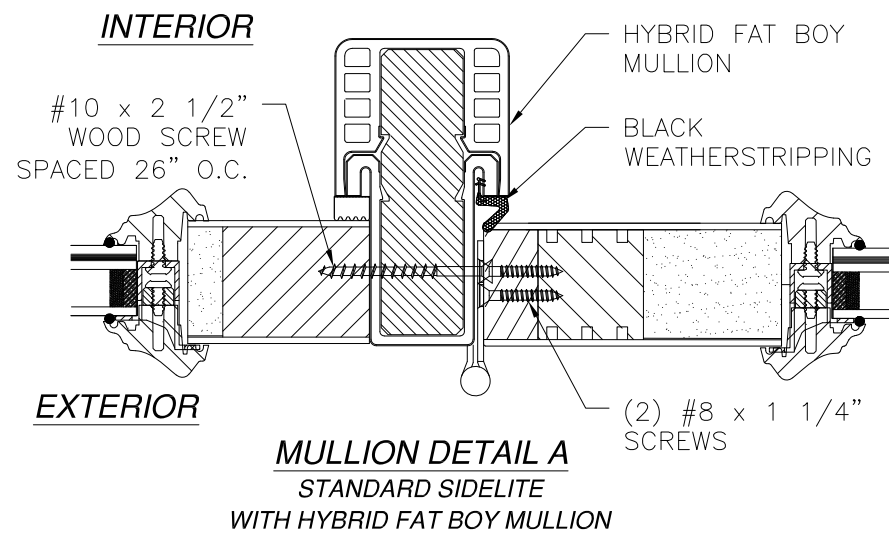
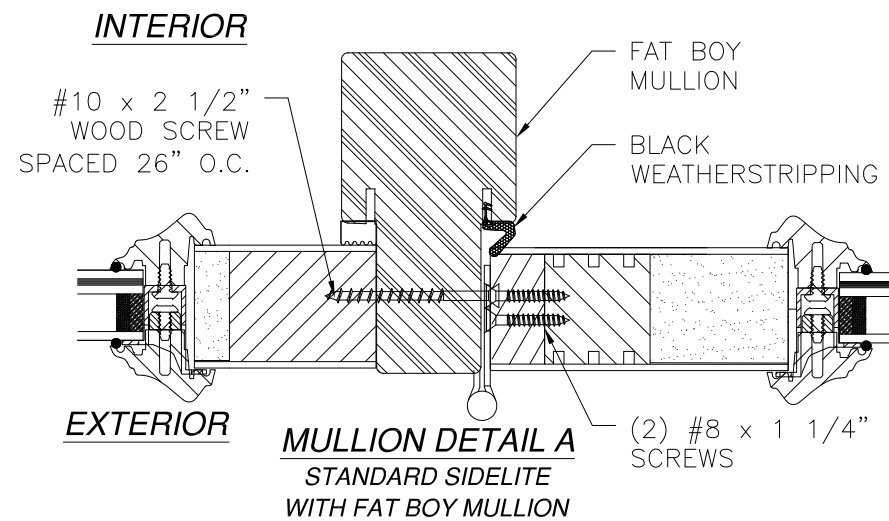
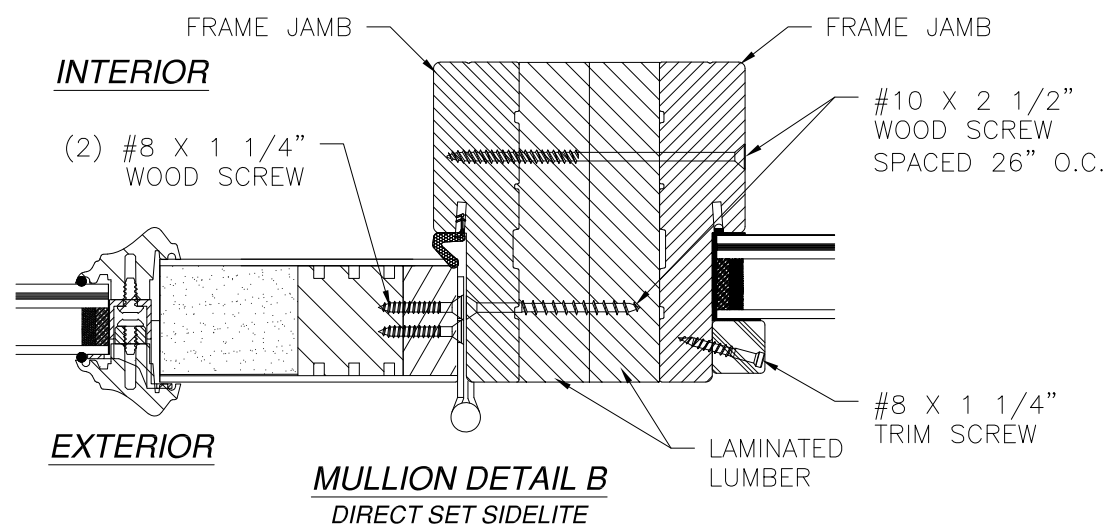
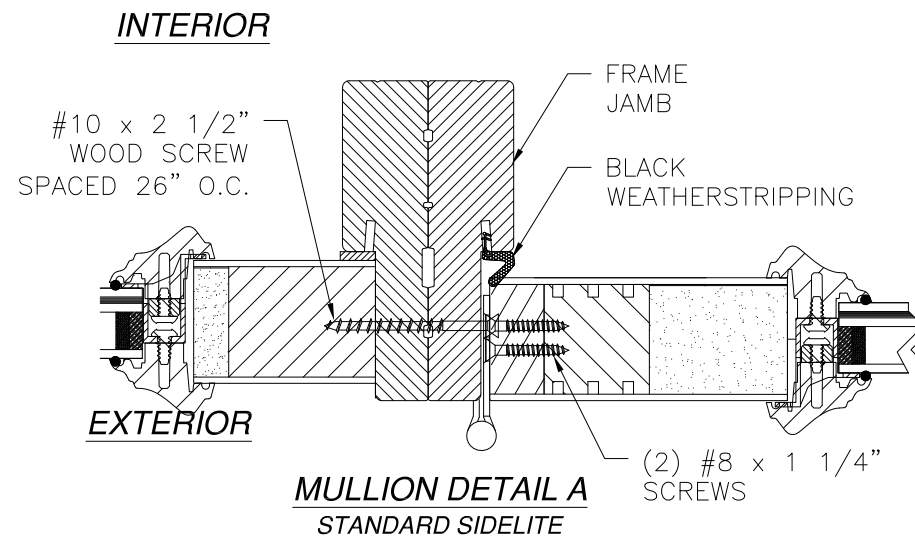
SIGNED: 08/27/2024

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 14 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



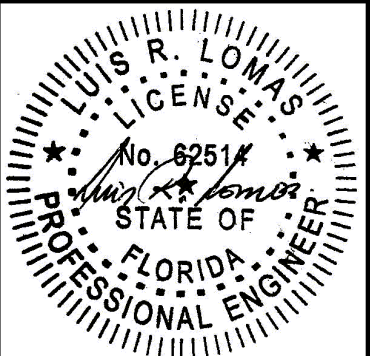
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



SIGNED: 08/27/2024

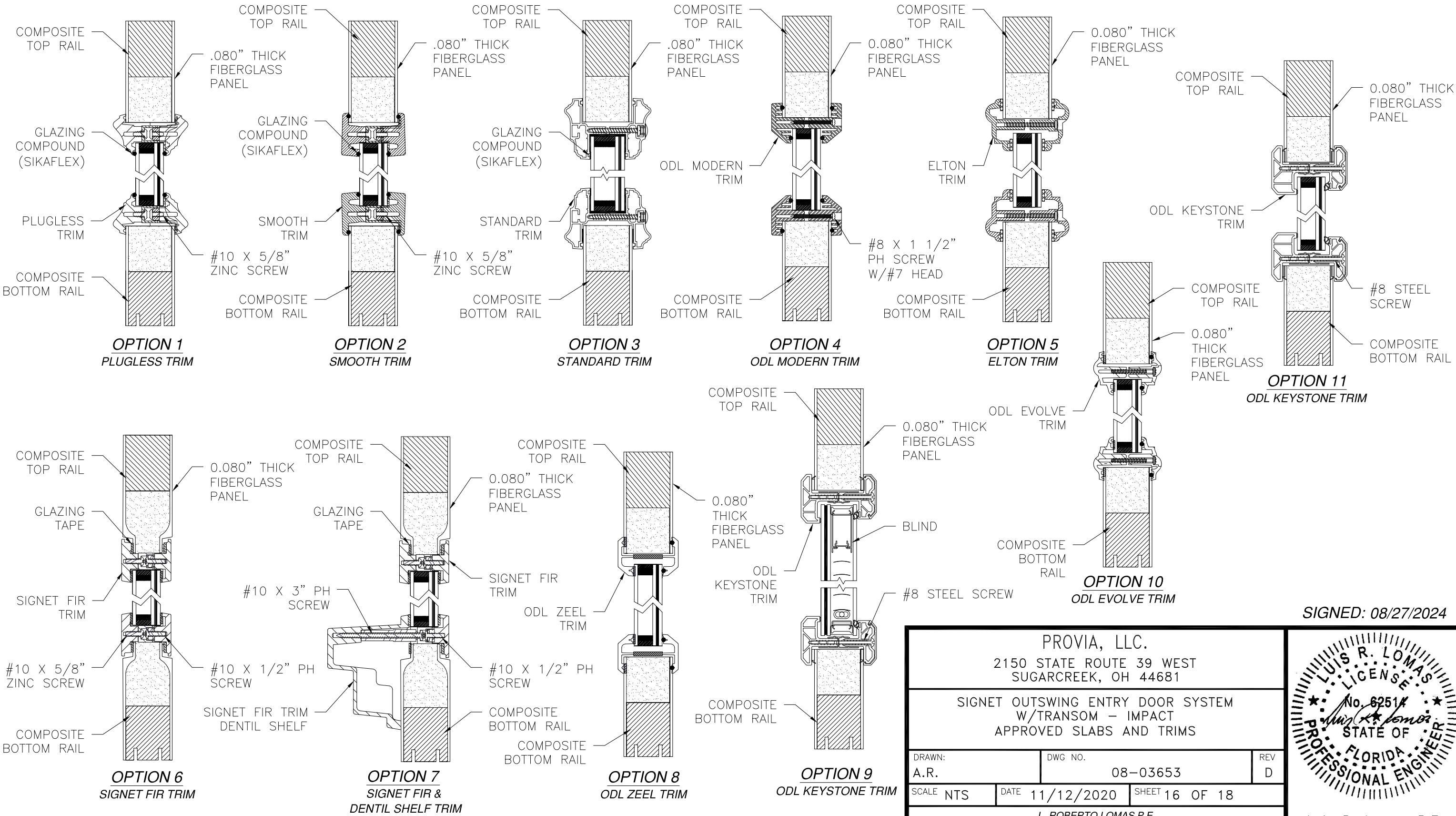
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT MULLION DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 15 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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

APPROVED SLABS AND TRIMS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



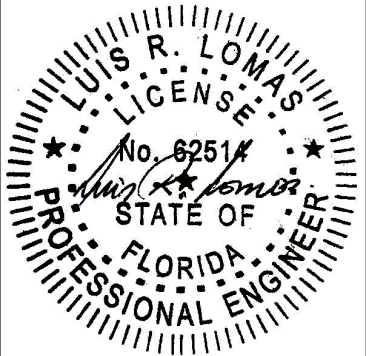
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 16 OF 18

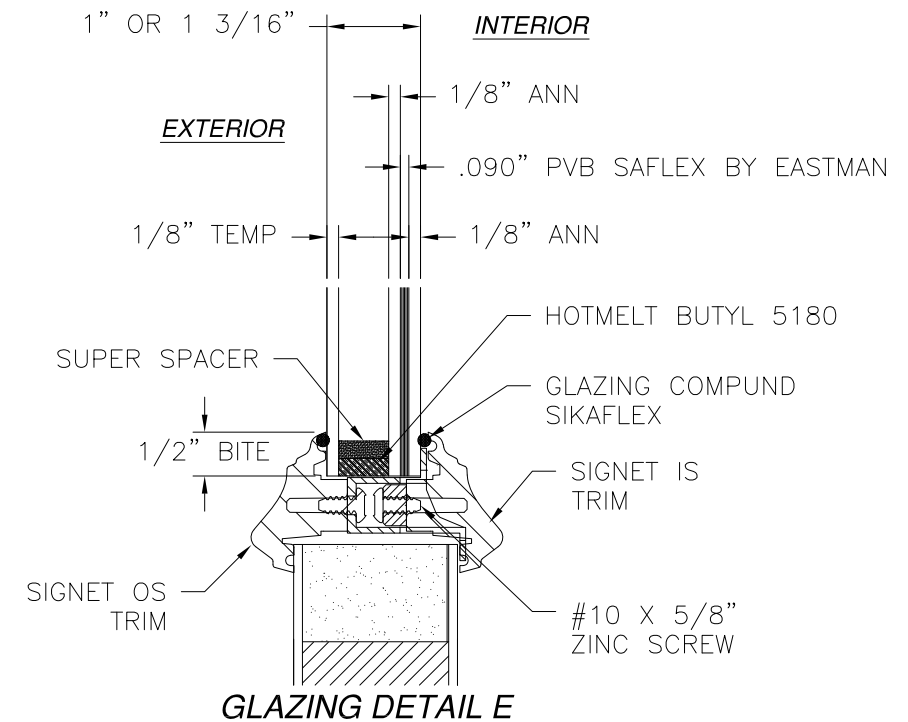
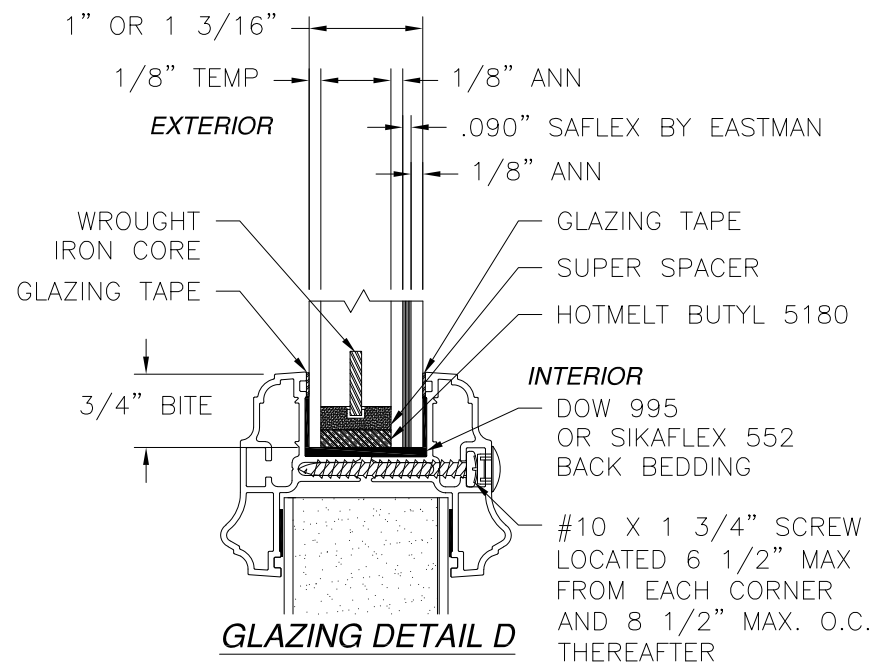
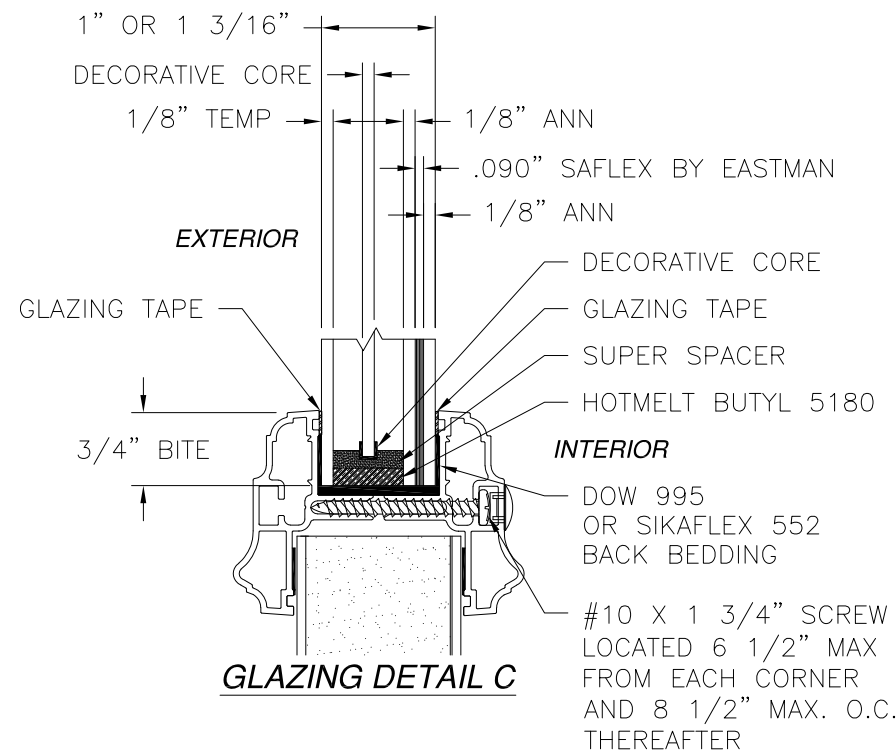
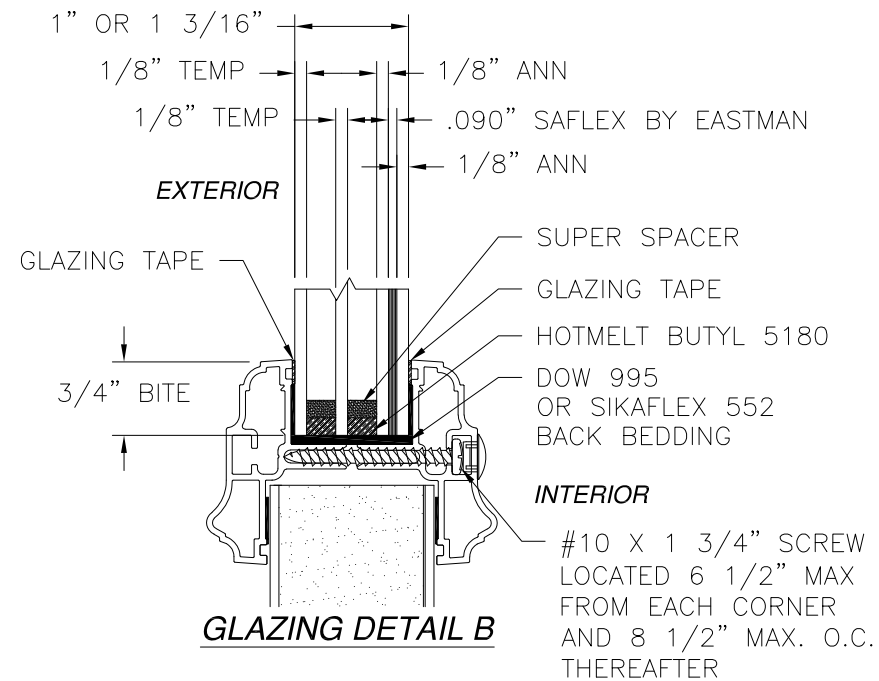
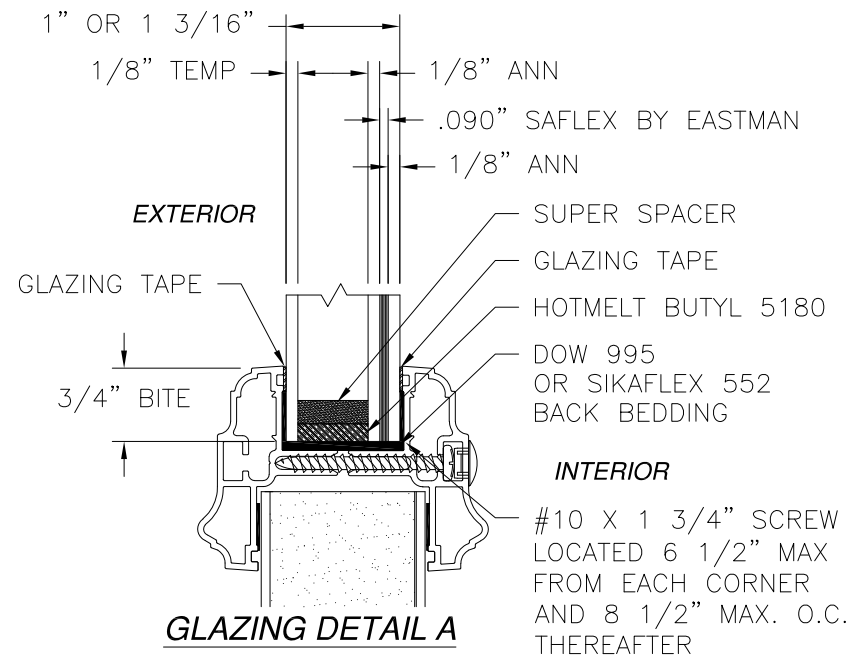
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/27/2024



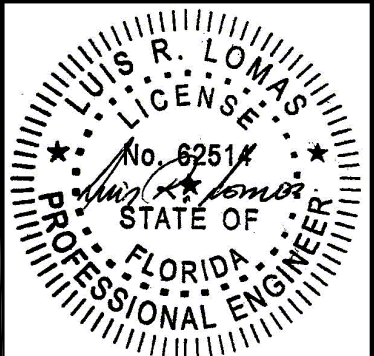
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.

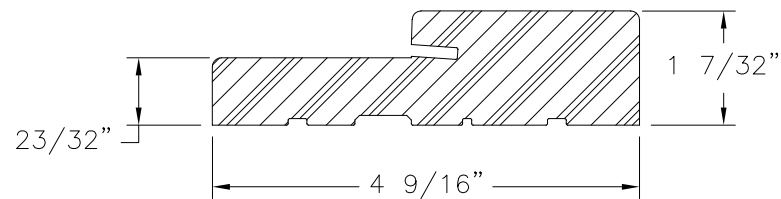


SIGNED: 08/27/2024

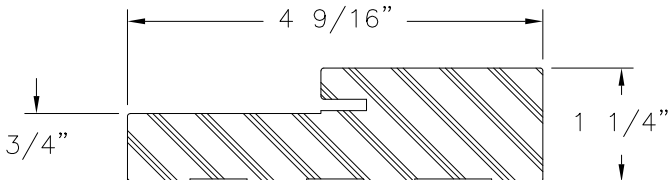
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
SIGNET OUTSWING ENTRY DOOR SYSTEM W/TRANSOM - IMPACT GLAZING DETAILS		
DRAWN: A.R.	DWG NO. 08-03653	REV D
SCALE NTS	DATE 11/12/2020	SHEET 17 OF 18
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



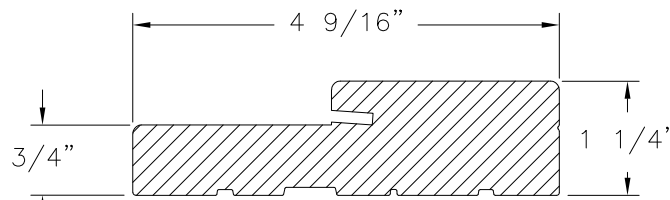
Luis R. Lomas P.E.
FL No.: 62514



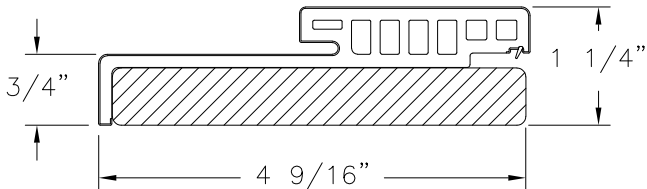
**FRAMESAVER
COMPOSITE**



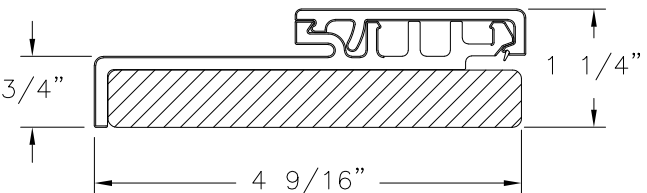
COMPOSITE FRAME PROFILE



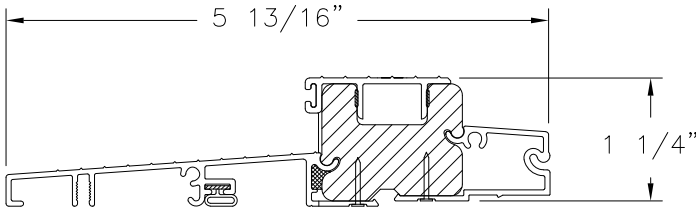
WOOD FRAME PROFILE



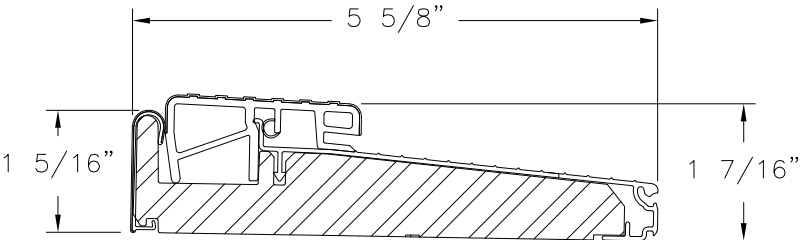
**HYBRID HEAD
WOOD/COMPOSITE**



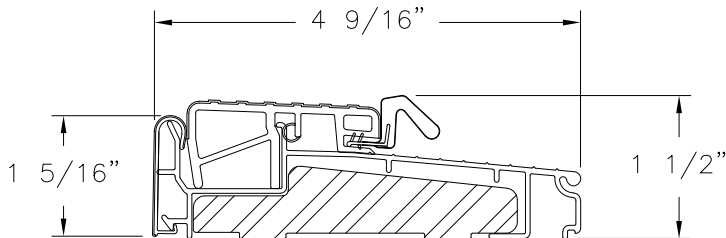
**HYBRID JAMB
WOOD/COMPOSITE**



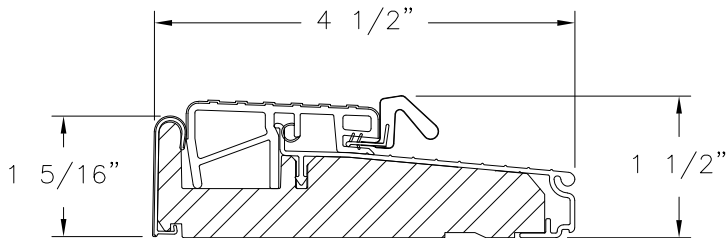
ADA THRESHOLD



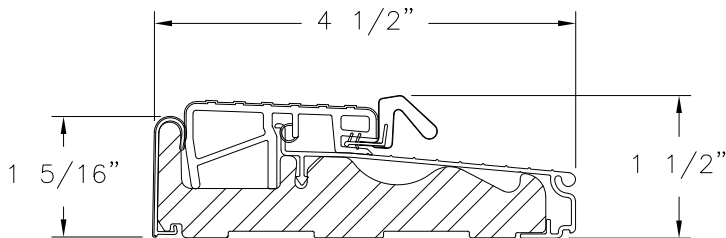
ENDURA OUTSWING SILL ZOB



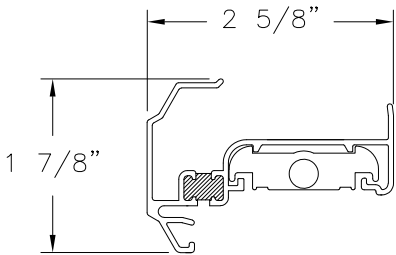
OUTSWING SILL ZOBL4565



OUTSWING SILL ZOB4565F

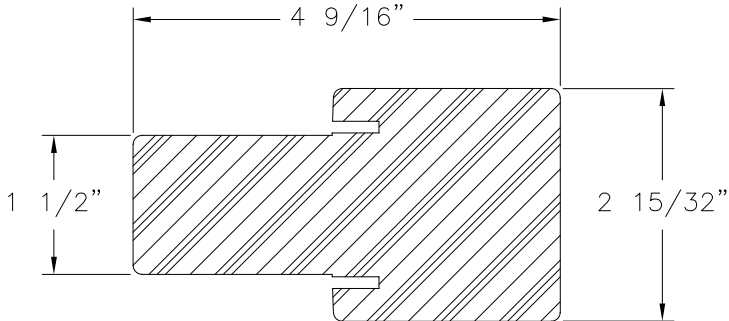


OUTSWING SILL ZOBLH4565

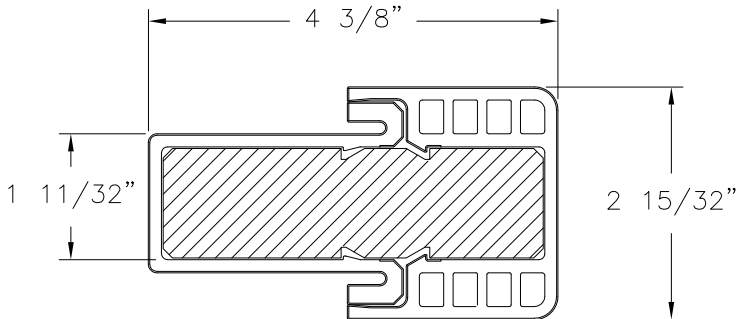


**ASTRAGAL WITH
THERMAL BREAK ASSEMBLY**

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD ODL KEYSTONE TRIM	08/21/2024	R.L.



**FAT BOY MULLION
COMPOSITE**



**HYBRID FAT BOY MULLION
COMPOSITE**

SIGNED: 08/27/2024

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

SIGNET OUTSWING ENTRY DOOR SYSTEM
W/TRANSOM - IMPACT
COMPONENTS

DRAWN:
A.R.

DWG NO.
08-03653

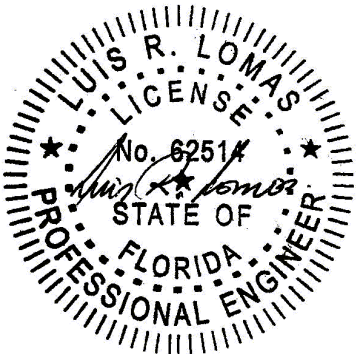
REV
D

SCALE
NTS

DATE
11/12/2020

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