

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE. INCLUDING THE HVHZ
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
4. UNITS MUST BE GLAZED PER ASTM E1300-04/09. SEE SHEET 25 FOR GLAZING DETAILS.
5. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
7. FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #8 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
8. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCON OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
7. FOR ANCHORING INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
8. ALL FASTENERS TO BE CORROSION RESISTANT.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - G=0.42 MINIMUM SPECIFIC GRAVITY
 - B. CONCRETE - 3,000PSI MINIMUM COMPRESSIVE STRENGTH.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE - STEEL 18GA. (.048") FY=33KSI/FU=52KSI
10. FRAME MATERIAL: WOOD WITH G .46 MINIMUM SPECIFIC GRAVITY OR FRAMESAVER, OR FUSION FRAME.
11. DOOR PANEL AND SIDELITE MATERIAL: 22GA. STEEL SKIN MINIMUM WITH .054" STEEL TOP AND BOTTOM RAILS.
12. UNITS MAY BE INSTALLED WITH EITHER SCHLAGE F-SERIES DOOR KNOB AND F OR B-SERIES DEADBOLT OR EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY OR MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM, SEE HARDWARE SCHEDULE SHEET 3 FOR APPROVED HARDWARE.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

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

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES - IMPACT
NOTES

DRAWN:
TJH

DWG NO.
08-00981

REV
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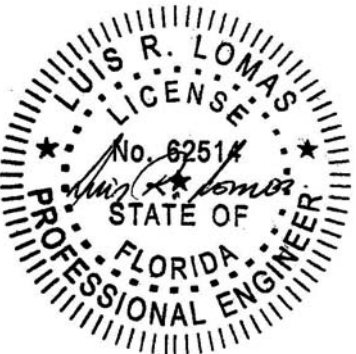
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DATE 04/19/10

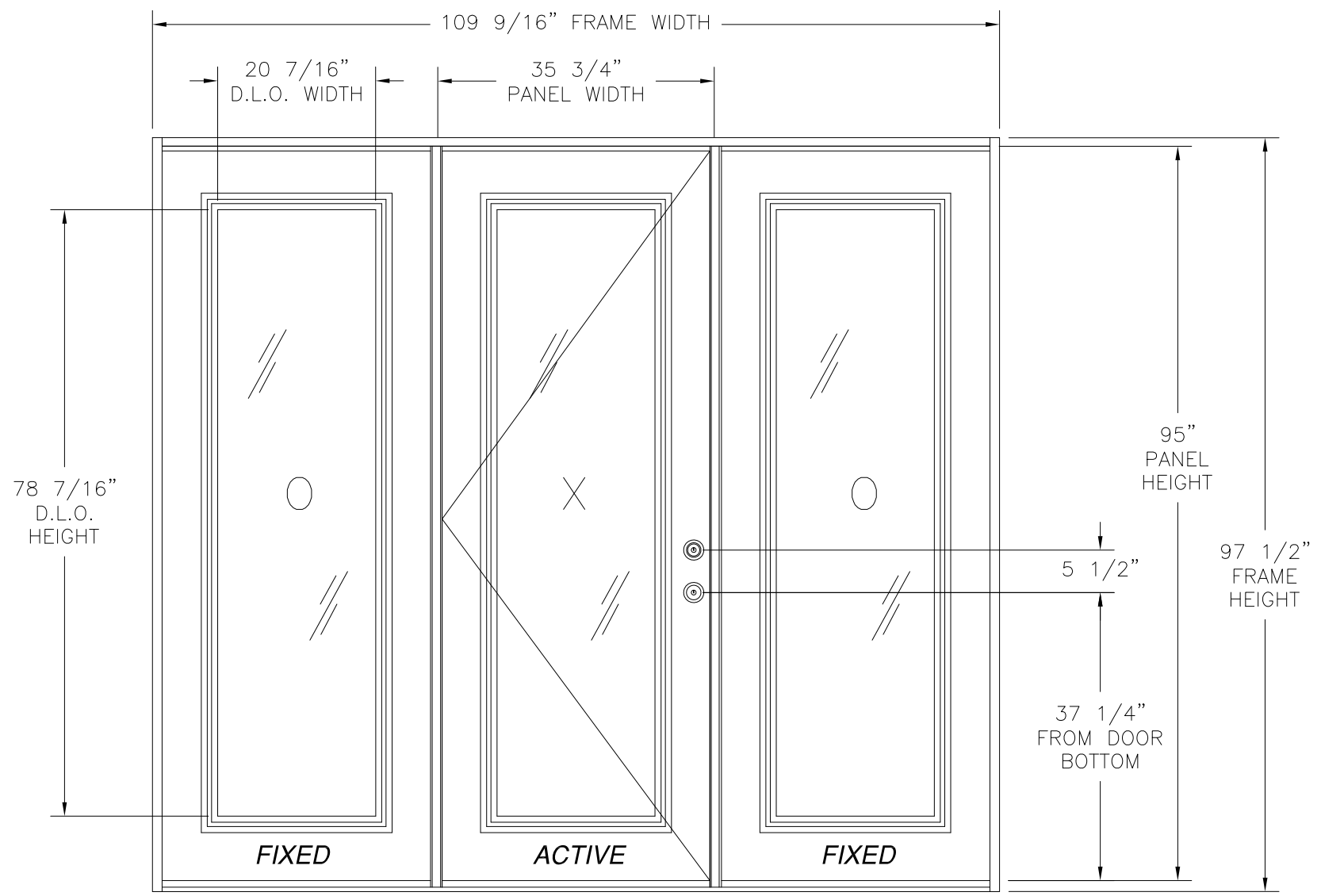
SHEET 1 OF 28

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SIGNED: 02/07/2020



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



22GA. STEEL GLAZED PATIO DOOR INSWING W/SIDELITES
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±51.0PSF	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	

FOR ADDITIONAL APPROVED CONFIGURATIONS SEE SHEET 3.
35 3/4" x 95" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.58 FT²

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22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
ELEVATION

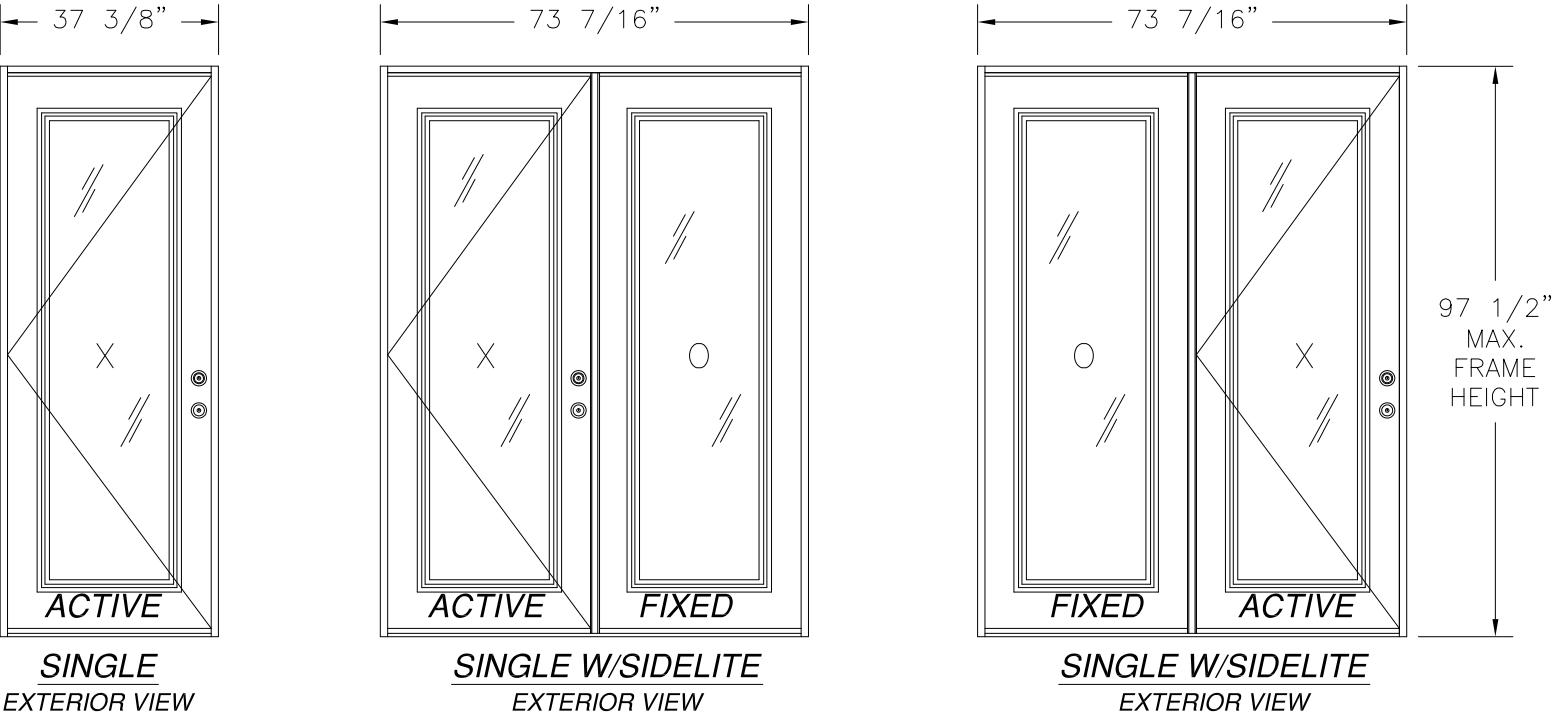
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35 3/4" x 95" PANEL SIZE SHOWN. OTHER SIZES AREA APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.58 FT²

- NOTES:
- 1) INSWING APPROVED CONFIGURATIONS: X, OX, XO, OXO.
 - 2) OUTSWING APPROVED CONFIGURATIONS: X ONLY.
 - 3) APPROVED CONFIGURATIONS MAY BE RIGHT HAND ACTIVE OR LEFT HAND ACTIVE.

HARDWARE SCHEDULE
A. F-SERIES LOCK ASSEBLY DOOR KNOB BY SCHLAGE.
B. B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
C. F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE.
D. RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE).
E. MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE).
F. (2) EXTRUDED ALUMINUM MULLION BY PROVIA DOOR, INC.
G. (3) 4" x 4" BALL BEARING HINGES BY PENROD.
H. (3) 4" x 4" SPRING BOMMER HINGES BY PENROD.

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ADDITIONAL CONFIGURATIONS

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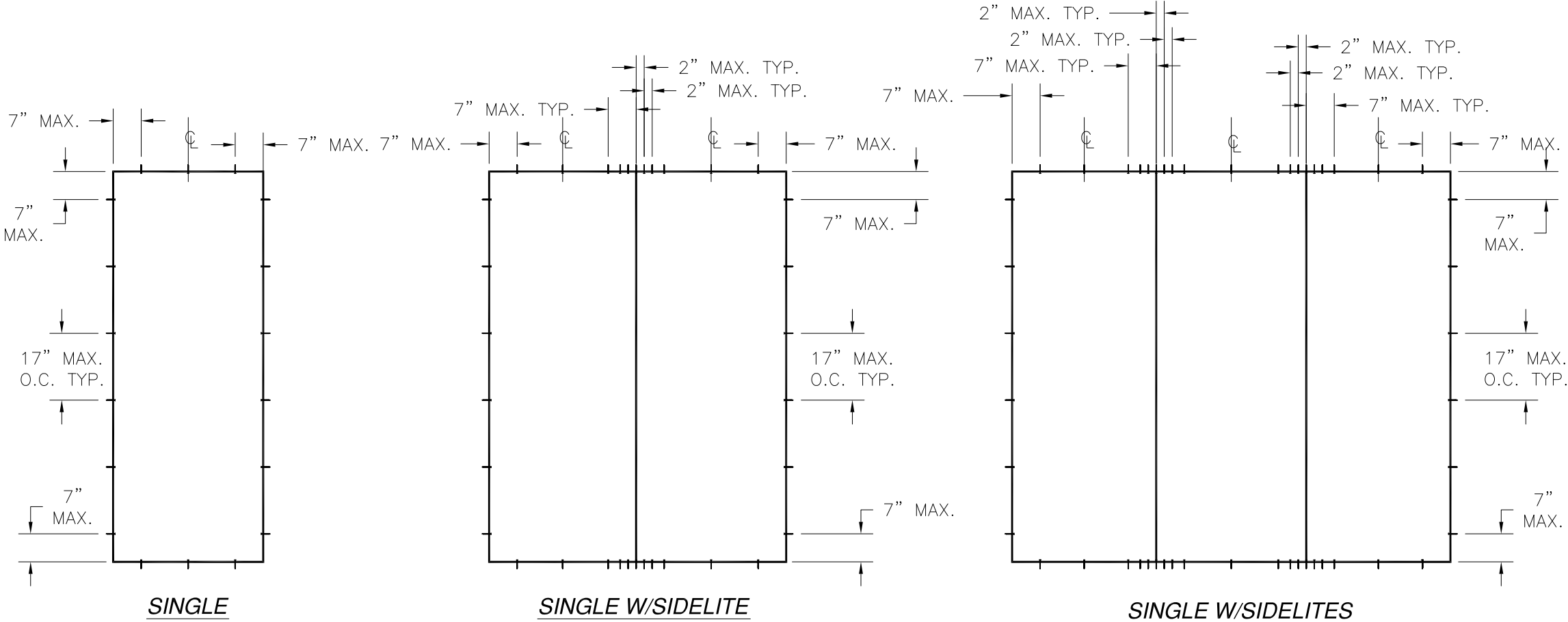
SHEET
3 OF 28

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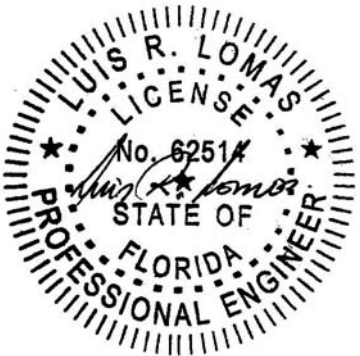
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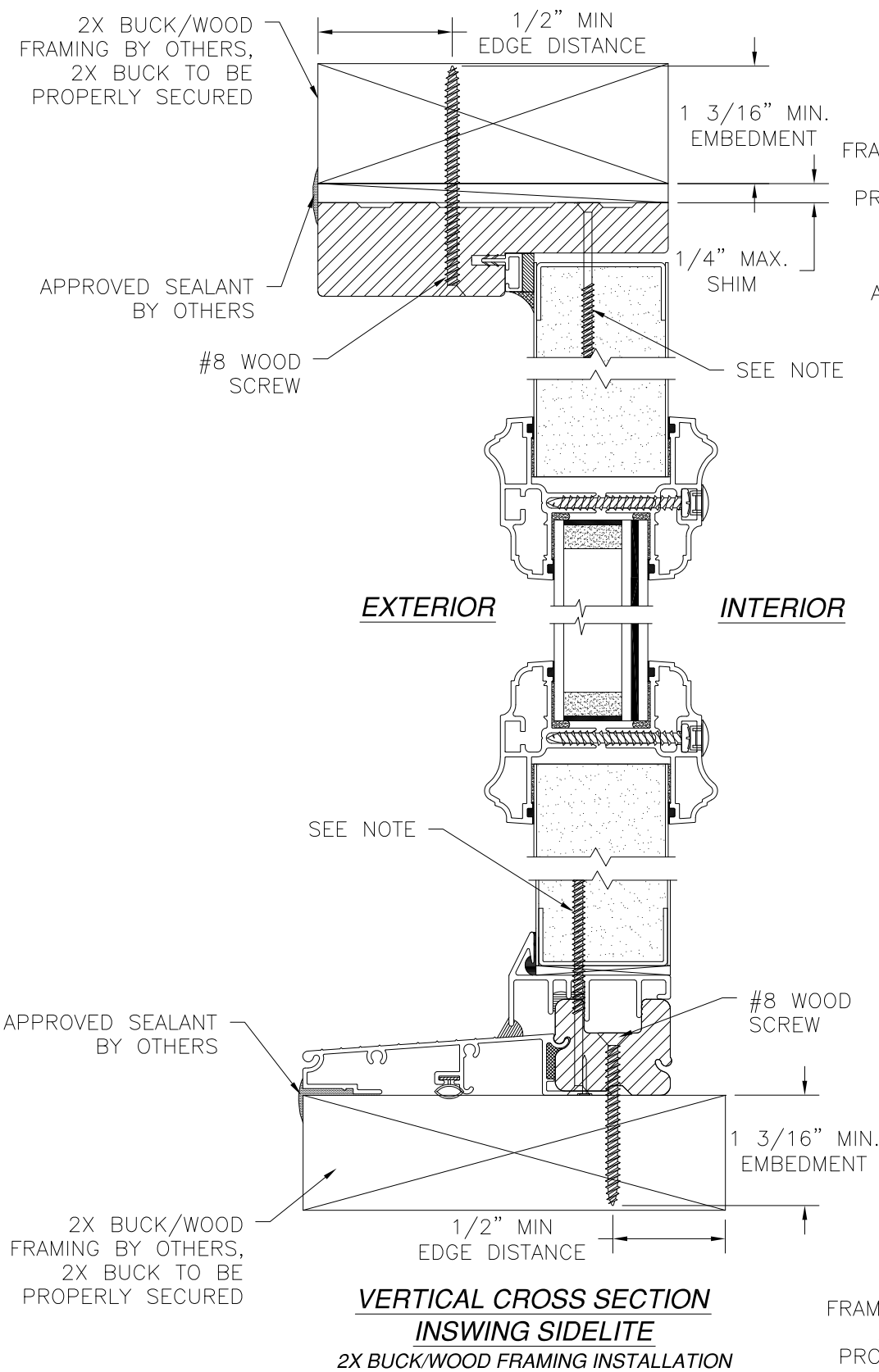


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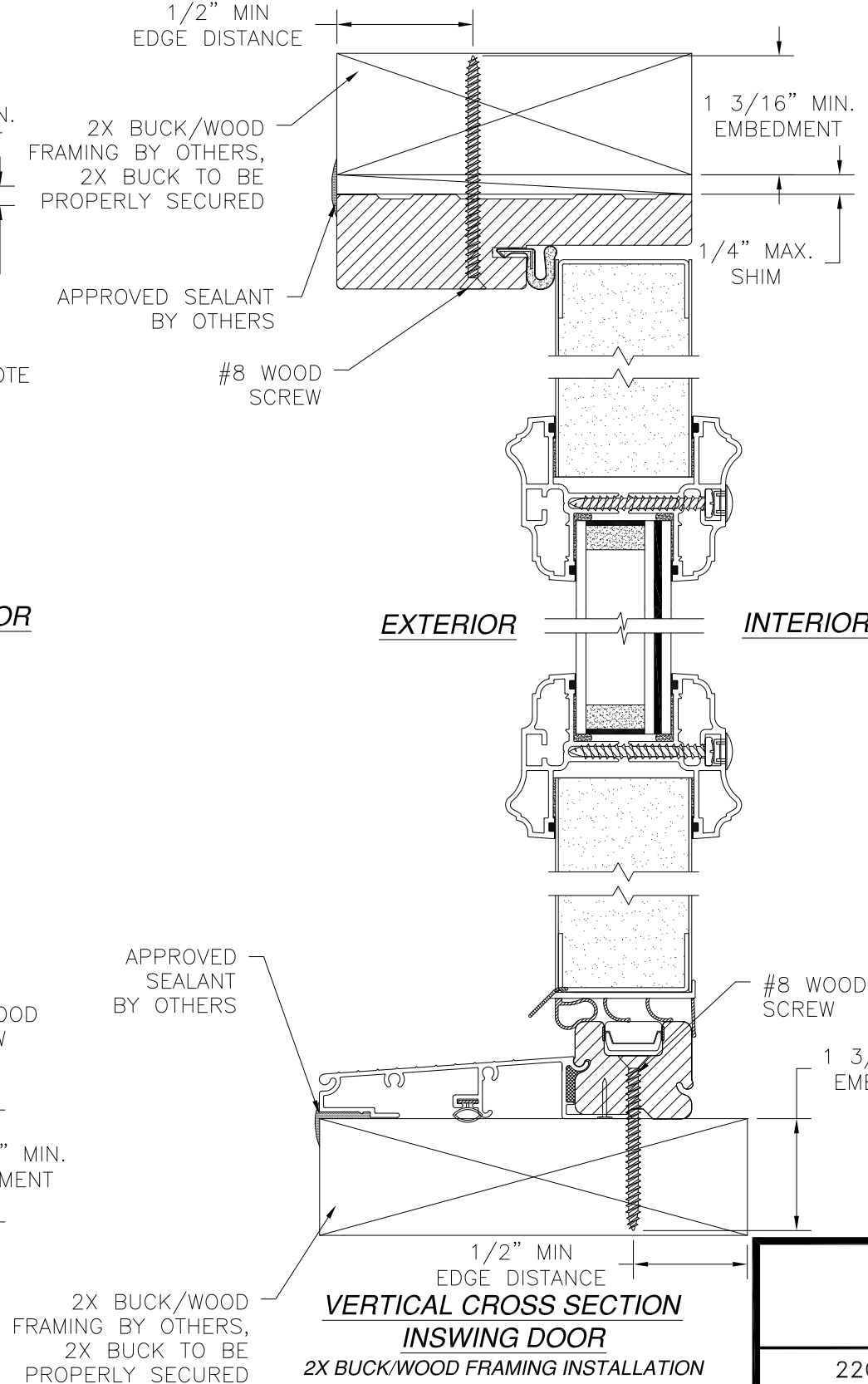
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22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES – IMPACT ANCHORING LAYOUTS		
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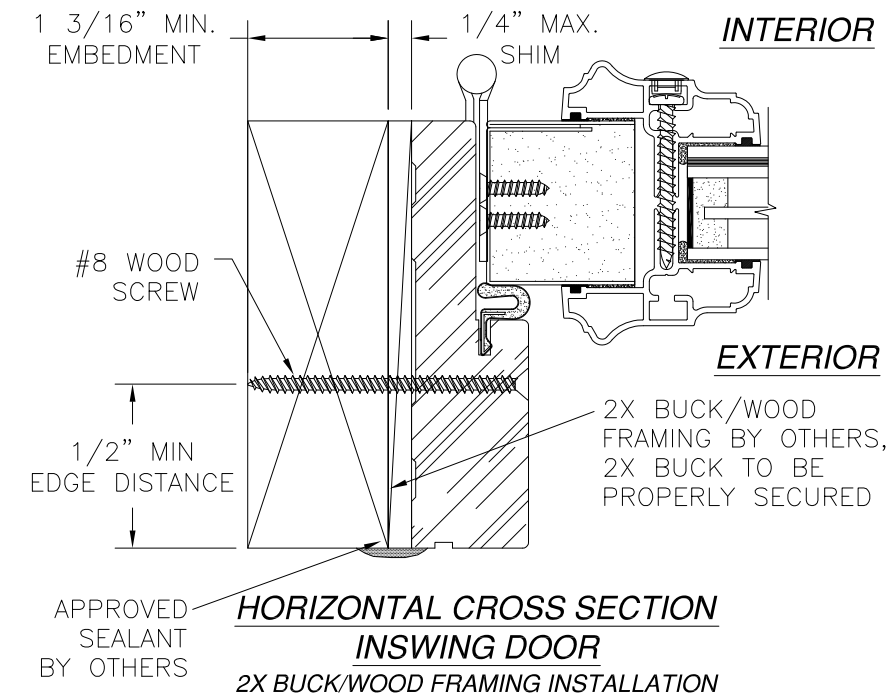


NOTE:
STANDARD SIDELITE PANEL IS SECURED INTO FRAME AS FOLLOWS:
AT HEAD WITH (1) #8 x 2" SCREW IN THE CENTER.
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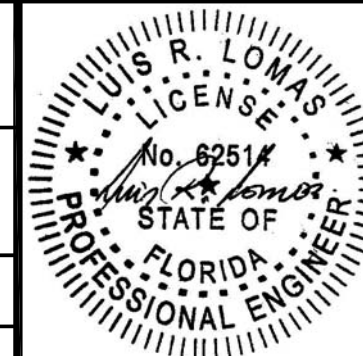
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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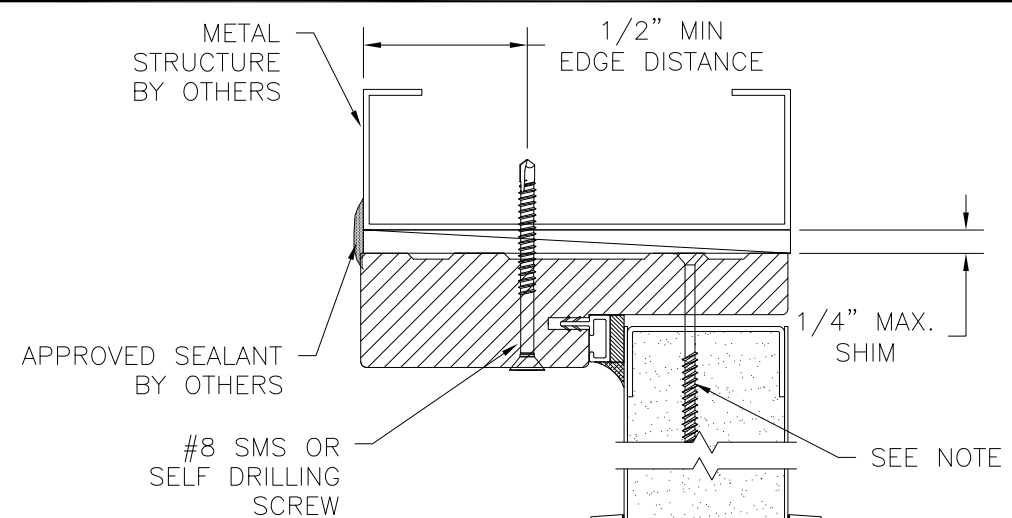


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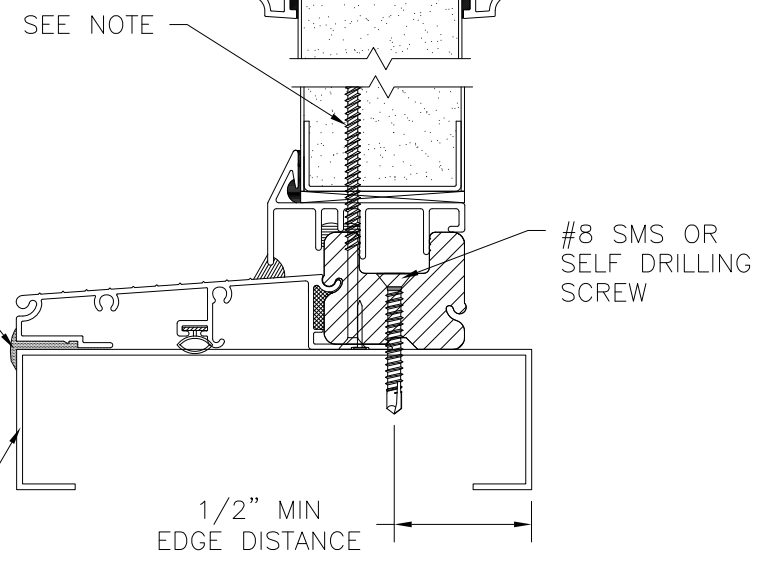
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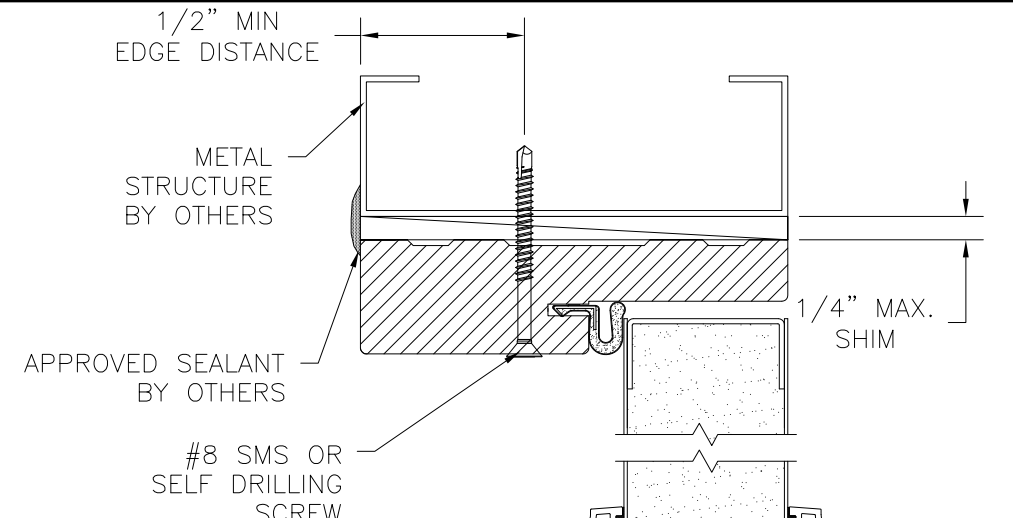
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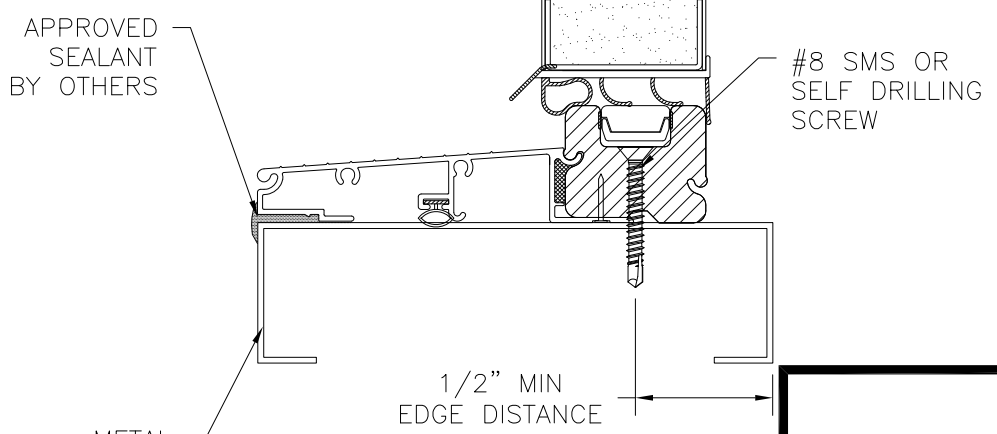
EXTERIOR INTERIOR



**VERTICAL CROSS SECTION
INSWING SIDELITE
METAL STRUCTURE INSTALLATION**



EXTERIOR INTERIOR

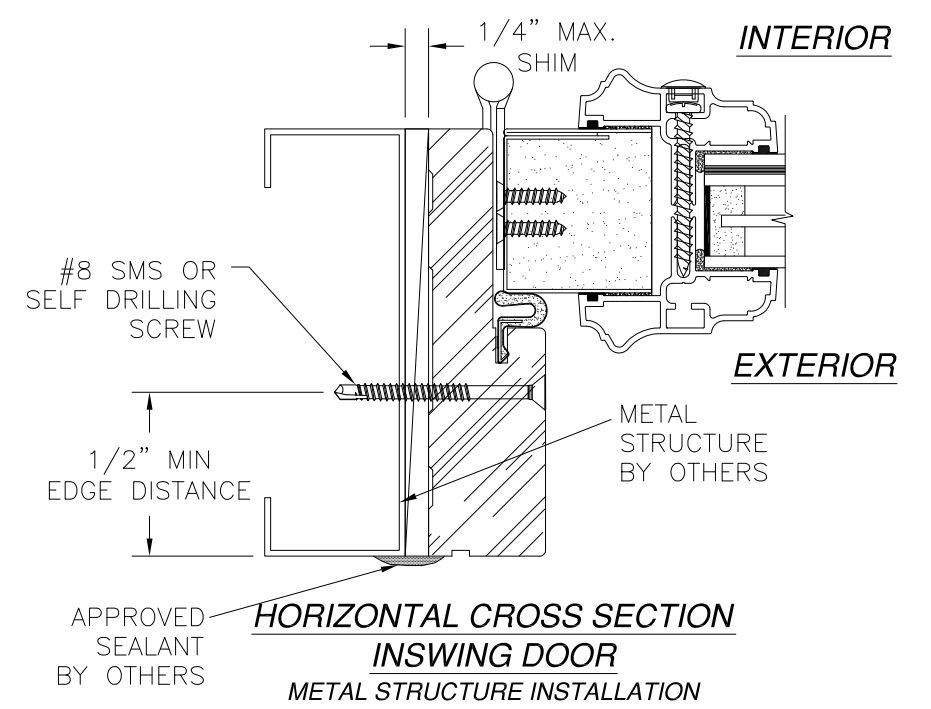


**VERTICAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION**

NOTE:
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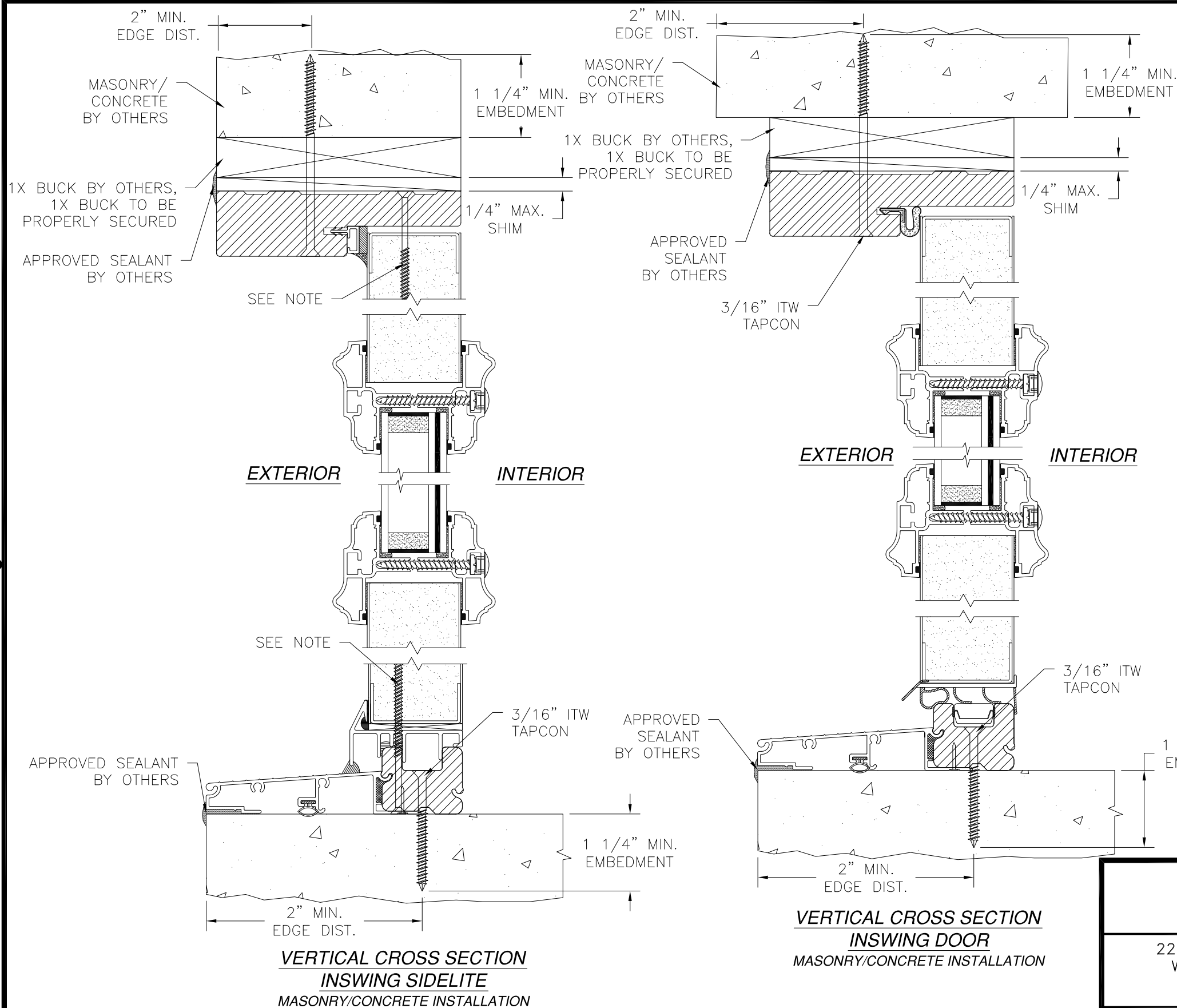
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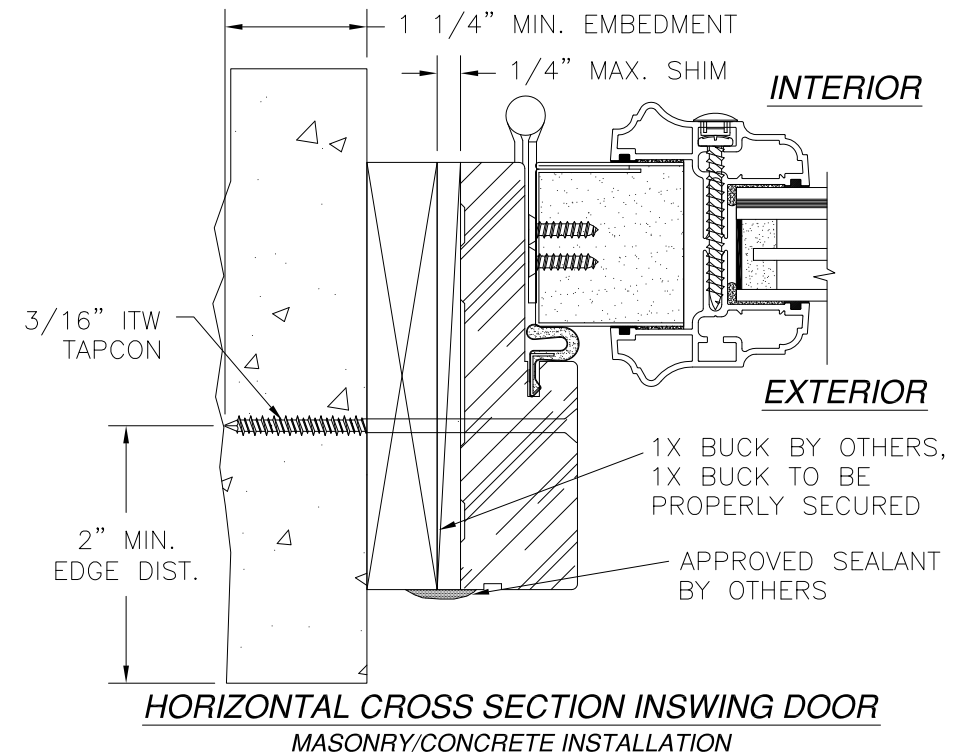
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PROFESSIONAL ENGINEER

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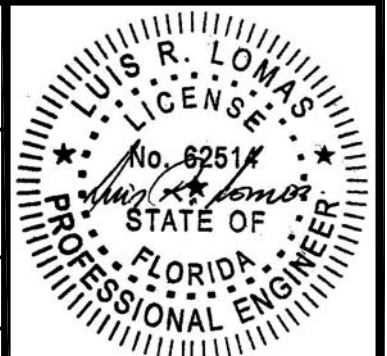


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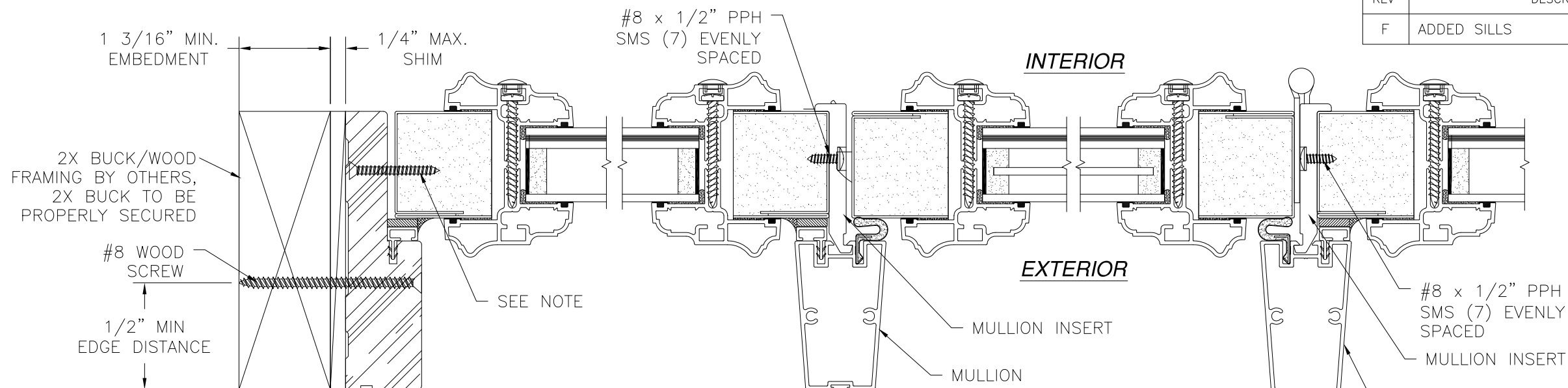
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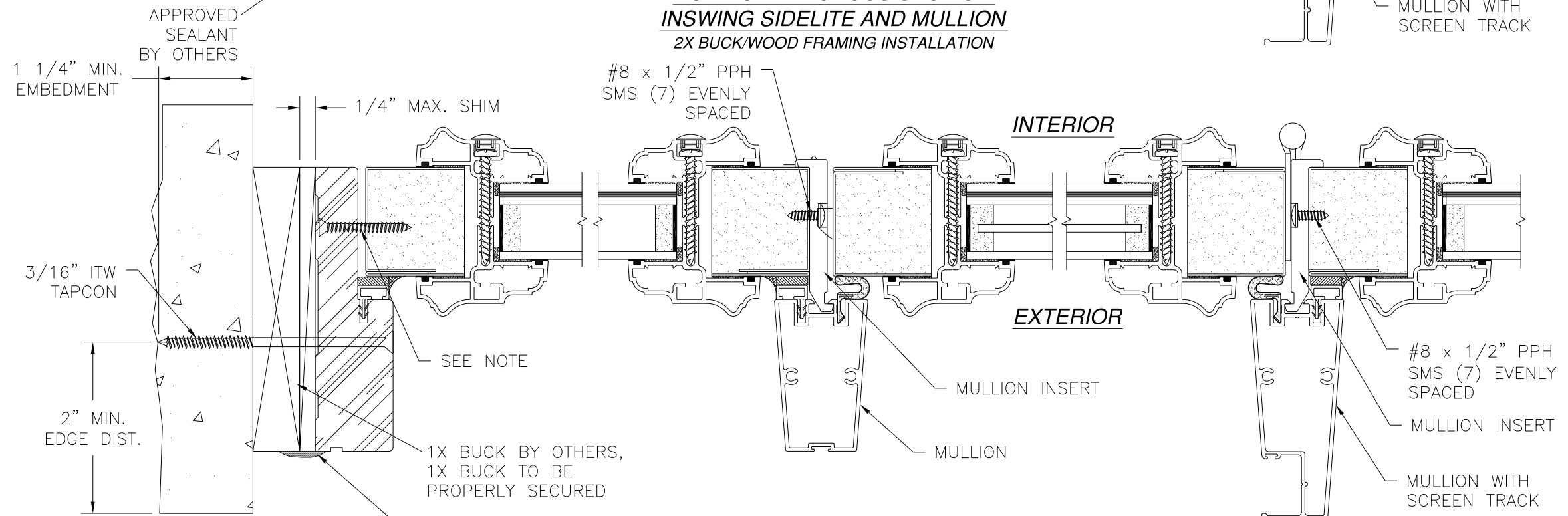


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**HORIZONTAL CROSS SECTION
INSWING SIDELITE AND MULLION
2X BUCK/WOOD FRAMING INSTALLATION**

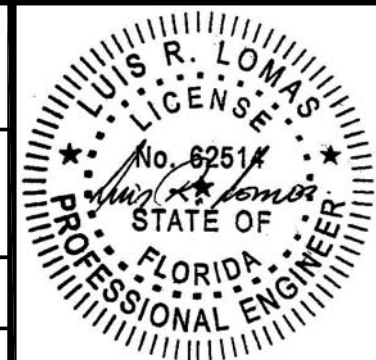


**HORIZONTAL CROSS SECTION
INSWING SIDELITE AND MULLION
MASONRY/CONCRETE INSTALLATION**

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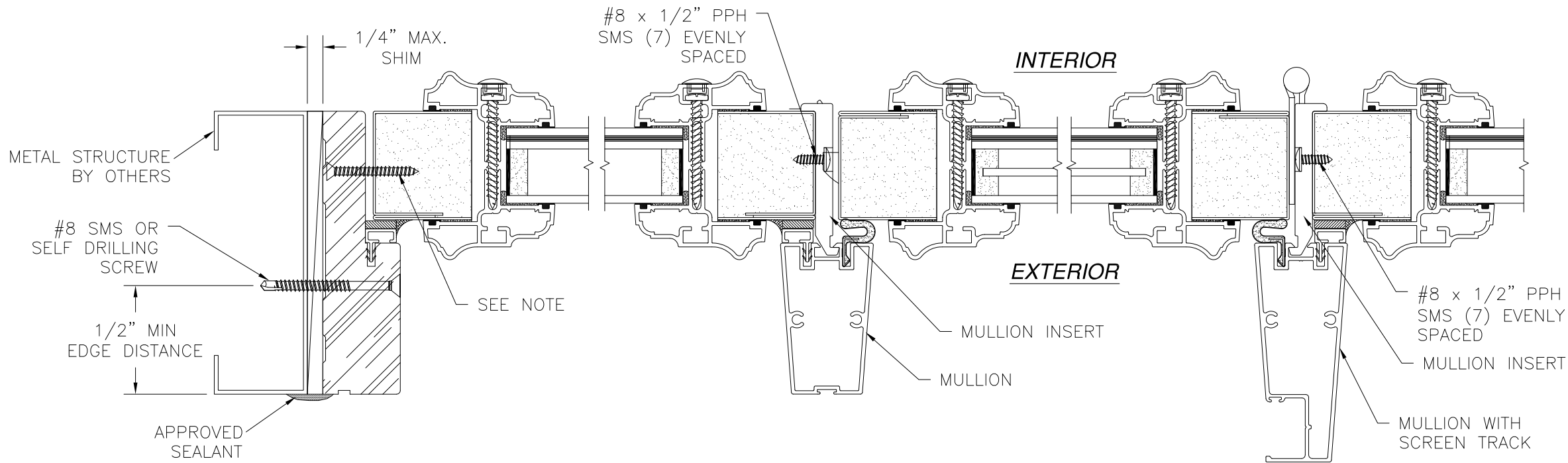
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PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES – IMPACT INSWING INSTALLATION DETAILS		
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**HORIZONTAL CROSS SECTION
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METAL STRUCTURE INSTALLATION**

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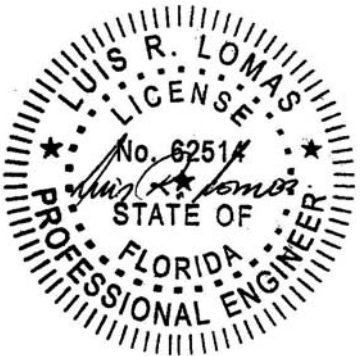
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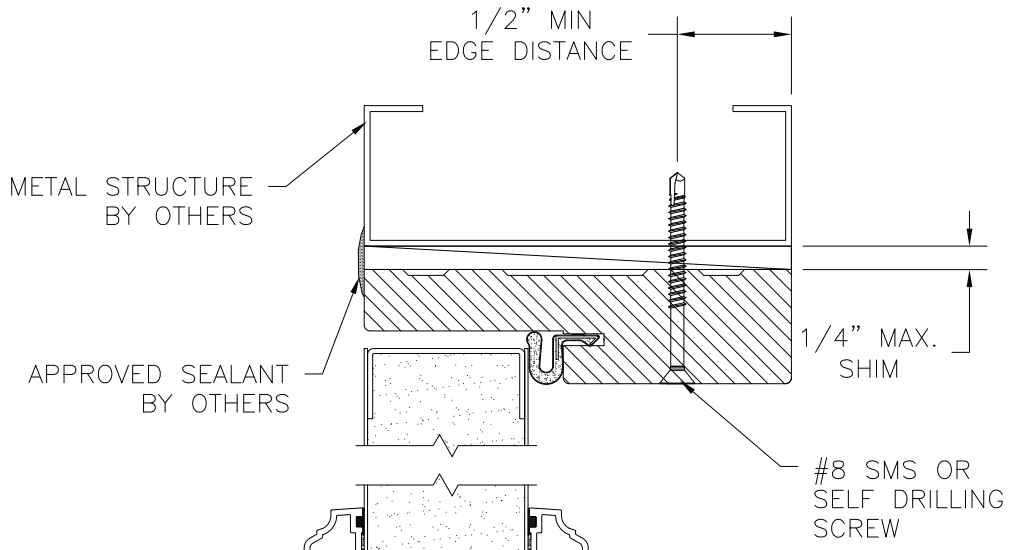
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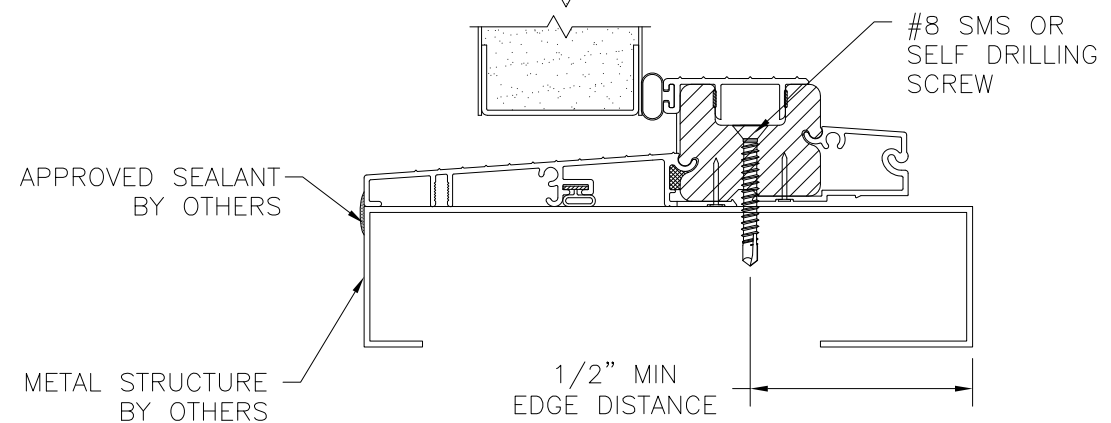
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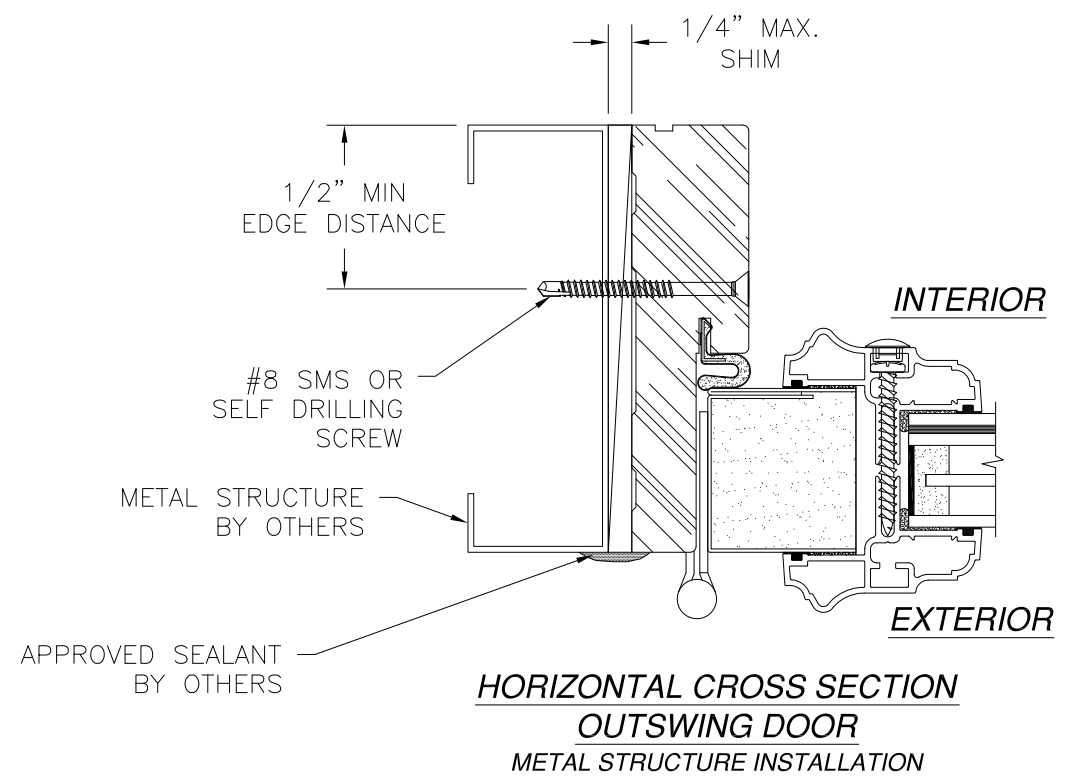
EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
OUTSWING DOOR
METAL STRUCTURE INSTALLATION

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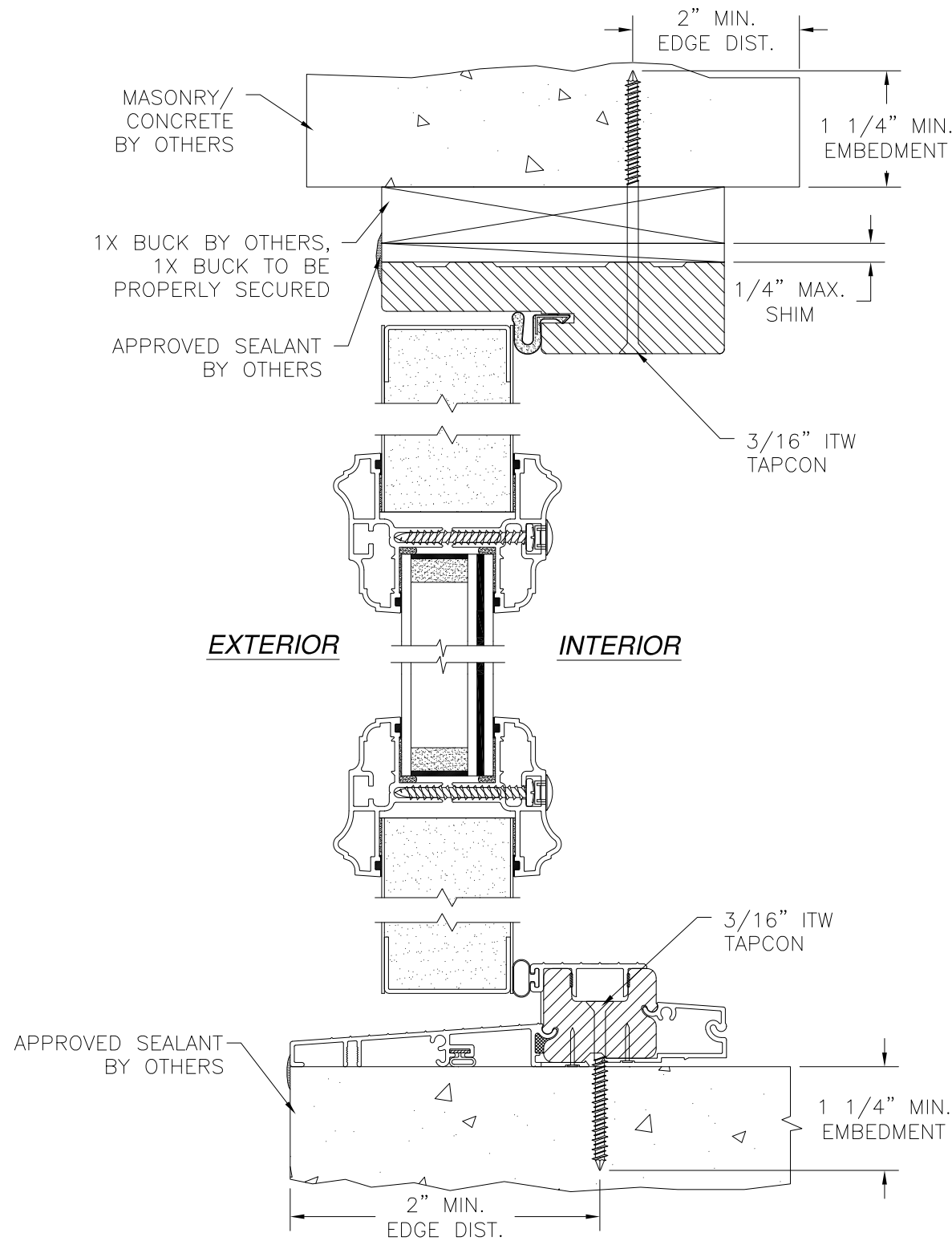
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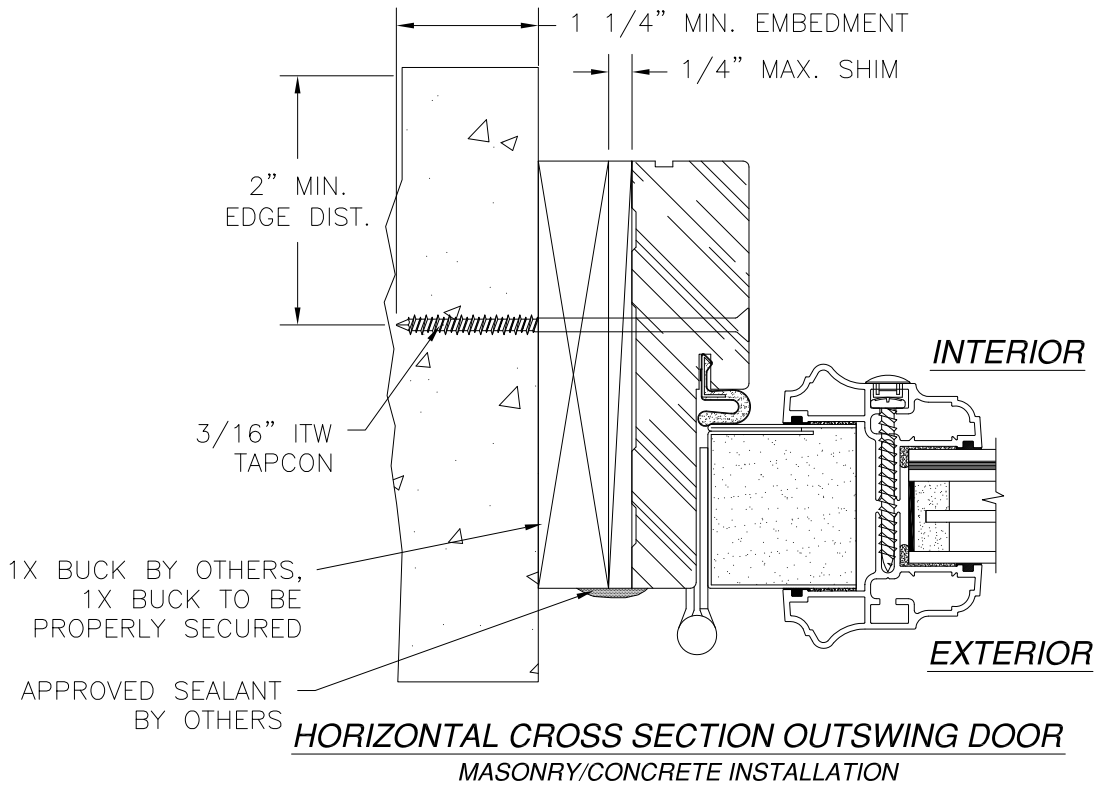
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**VERTICAL CROSS SECTION
OUTSWING DOOR**
MASONRY/CONCRETE INSTALLATION

- NOTES:
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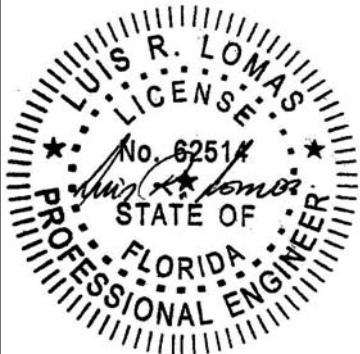
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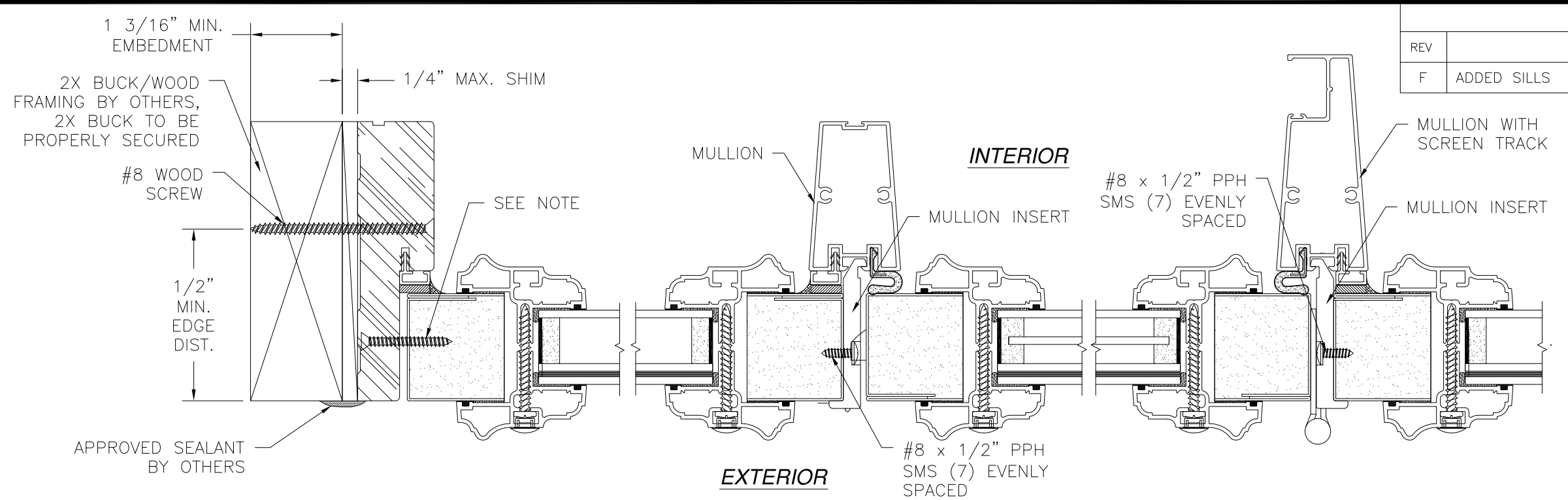
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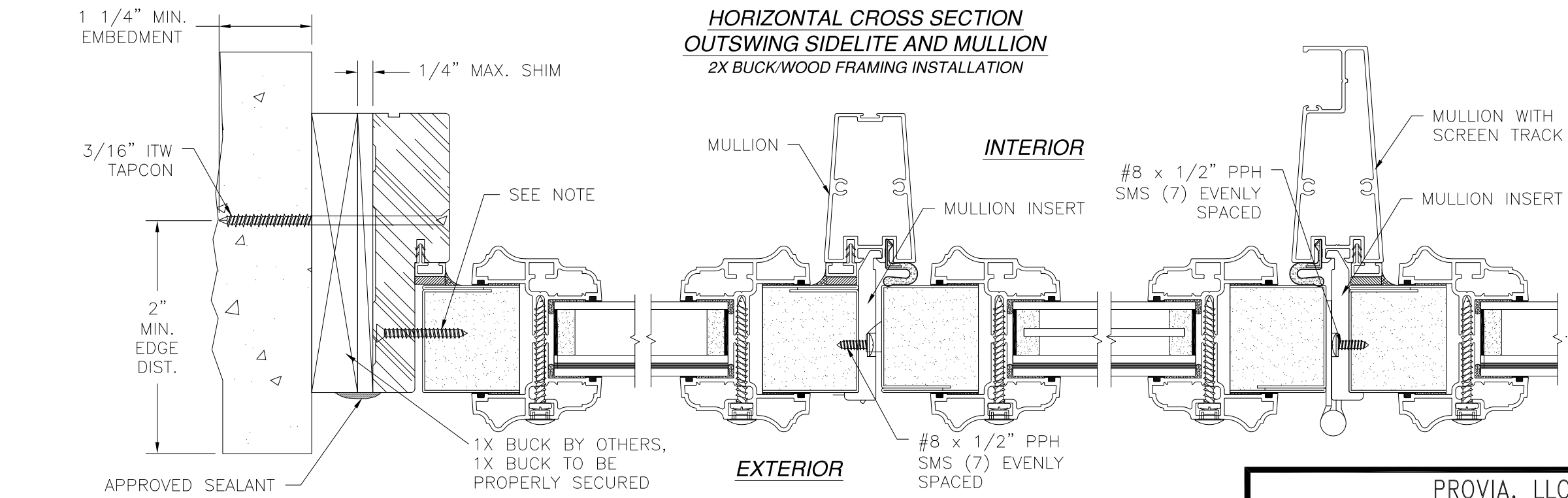


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**HORIZONTAL CROSS SECTION
OUTSWING SIDELITE AND MULLION
2X BUCK/WOOD FRAMING INSTALLATION**



**HORIZONTAL CROSS SECTION
OUTSWING SIDELITE AND MULLION
MASONRY/CONCRETE INSTALLATION**

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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

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
OUTSWING INSTALLATION DETAILS

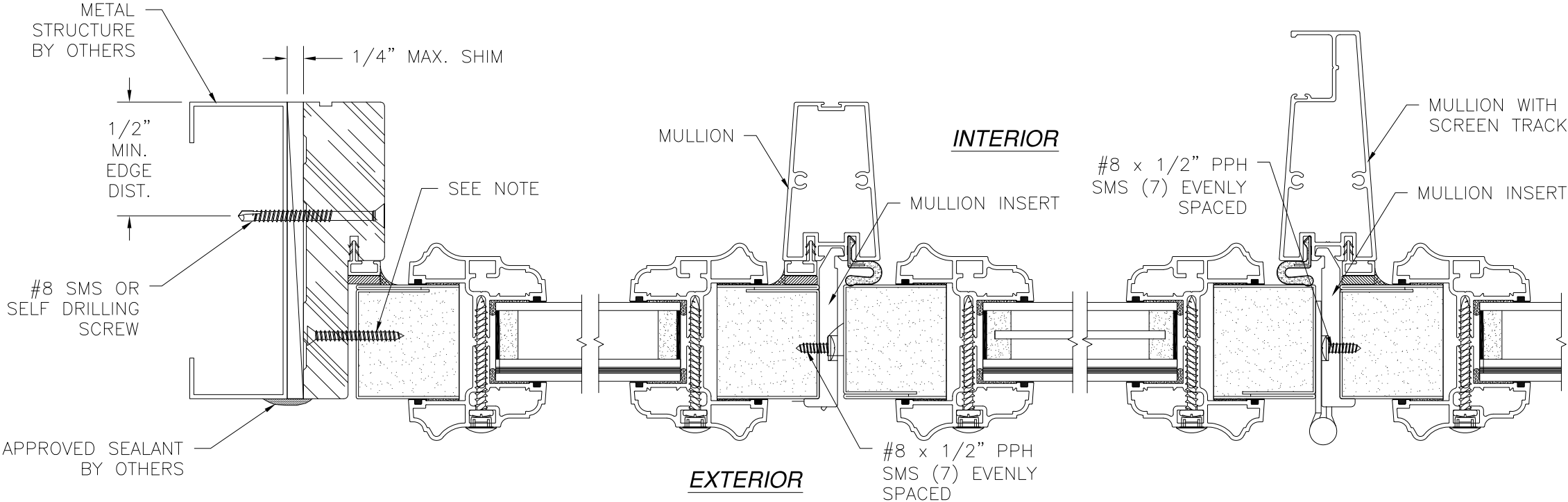
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 13 OF 28

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

SIGNED: 02/07/2020

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**HORIZONTAL CROSS SECTION
OUTSWING SIDELITE AND MULLION
METAL STRUCTURE INSTALLATION**

NOTE:
STANDARD SIDELITE PANEL IS SECURED INTO FRAME AS FOLLOWS:
AT HEAD WITH (1) #8 x 2" SCREW IN THE CENTER.
AT SILL WITH (2) #8 x 3" SCREWS LOCATED 3" FROM EACH END.
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SIGNED: 02/07/2020

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

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
OUTSWING INSTALLATION DETAILS

DRAWN:
TJH

DWG NO.
08-00981

REV
F

SCALE NTS

DATE 04/19/10

SHEET 14 OF 28

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



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

2X BUCK/WOOD
FRAMING BY OTHERS,
2X BUCK TO BE
PROPERLY SECURED

1/2" MIN
EDGE DISTANCE

1 3/16" MIN.
EMBEDMENT

APPROVED SEALANT
BY OTHERS

#8 WOOD
SCREW

EXTERIOR

INTERIOR

VERTICAL CROSS SECTION
INSWING SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION

2X BUCK/WOOD
FRAMING BY OTHERS,
2X BUCK TO BE
PROPERLY SECURED

1/2" MIN
EDGE DISTANCE

1 3/16" MIN.
EMBEDMENT

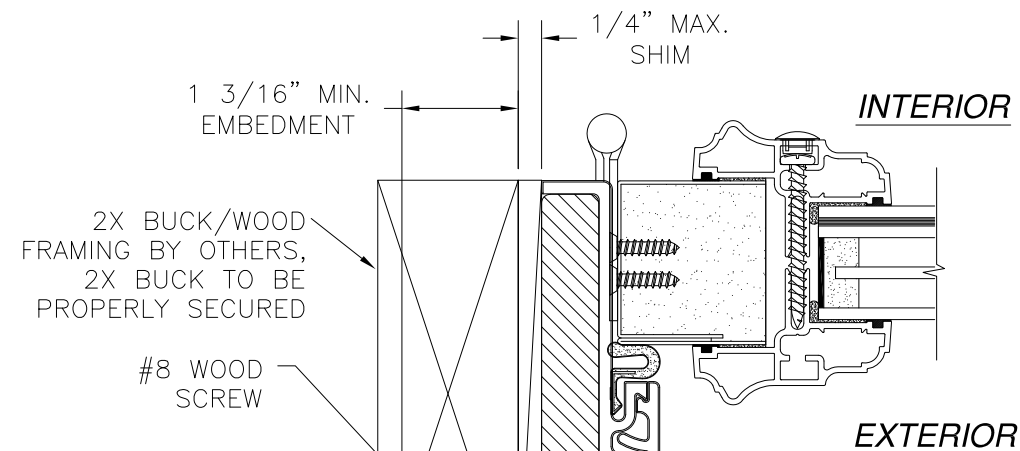
APPROVED SEALANT
BY OTHERS

#8 WOOD
SCREW

EXTERIOR

INTERIOR

VERTICAL CROSS SECTION
INSWING DOOR
2X BUCK/WOOD FRAMING INSTALLATION



HORIZONTAL CROSS SECTION
INSWING DOOR
2X BUCK/WOOD FRAMING INSTALLATION

NOTE:
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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

SIGNED: 02/07/2020

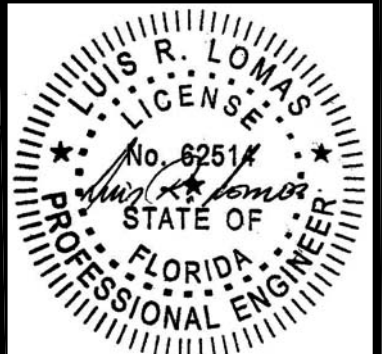
PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

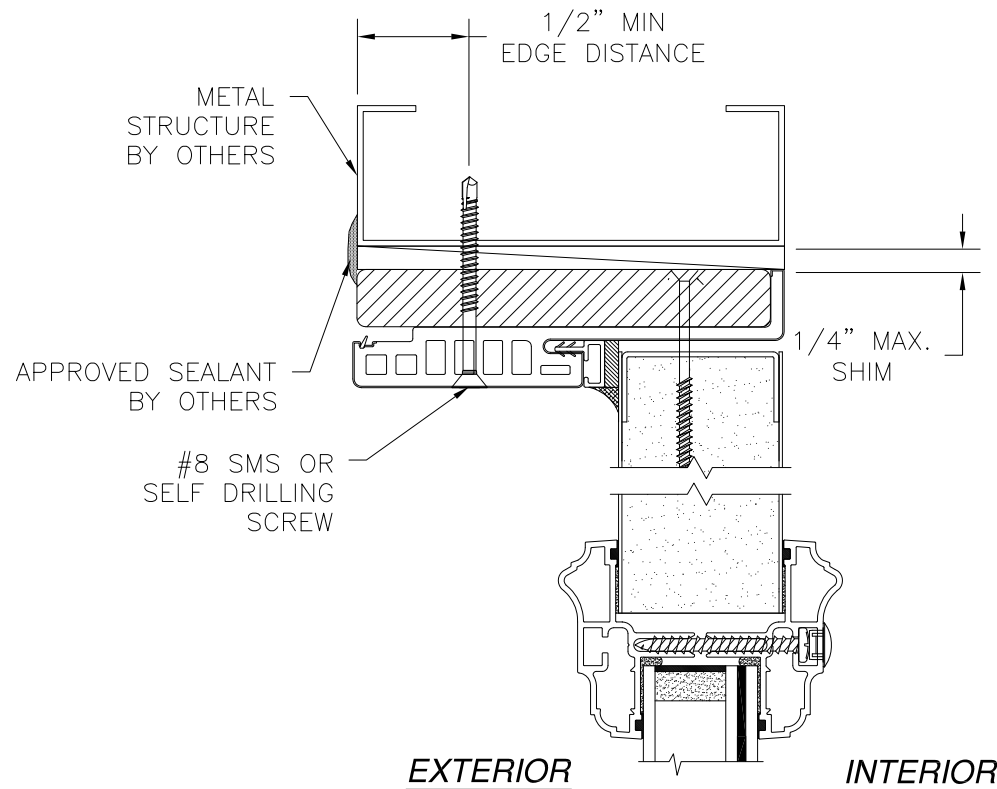
22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES - IMPACT
INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 15 OF 28

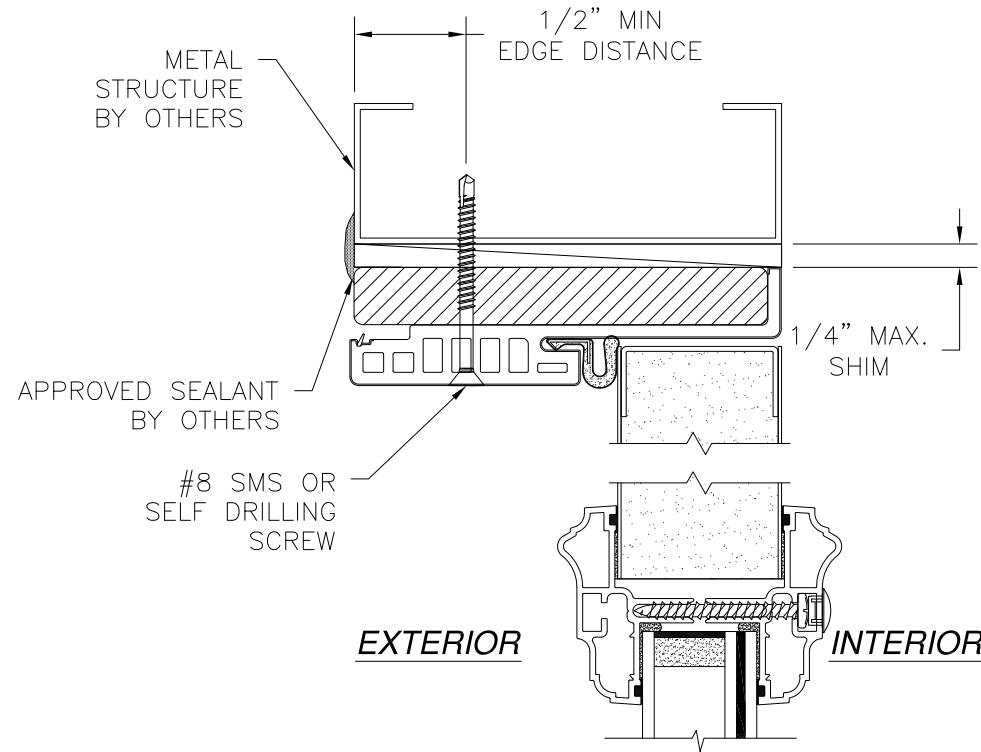
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com



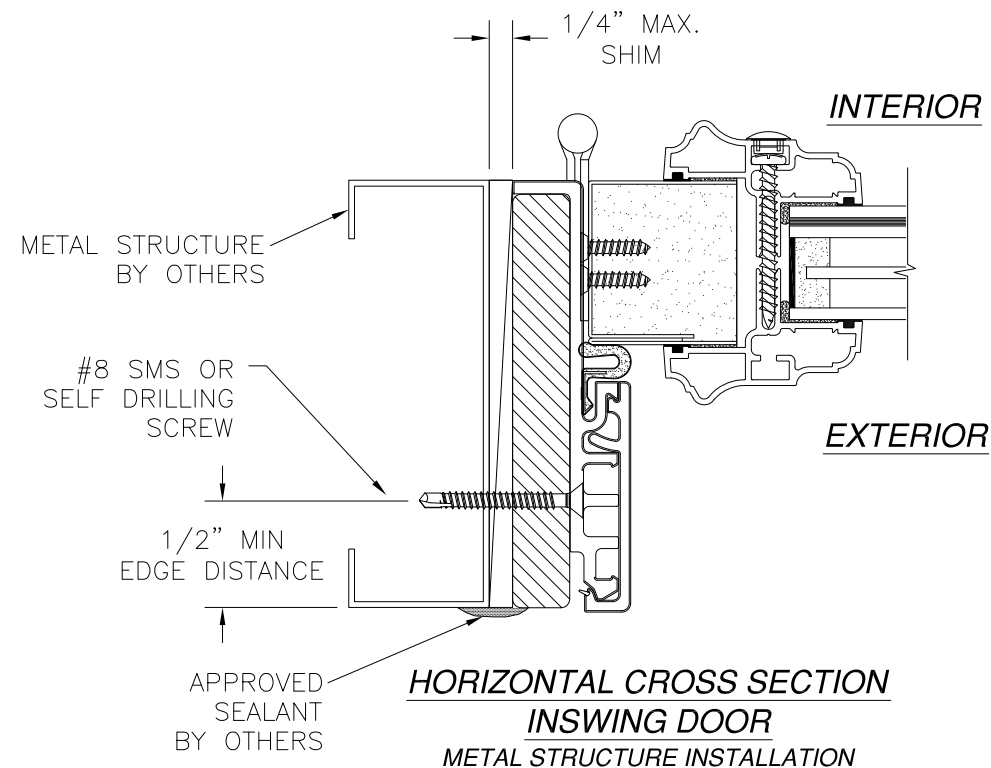
Luis R. Lomas P.E.
FL No.: 62514



**VERTICAL CROSS SECTION
INSWING SIDELITE
METAL STRUCTURE INSTALLATION**



**VERTICAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION**



**HORIZONTAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION**

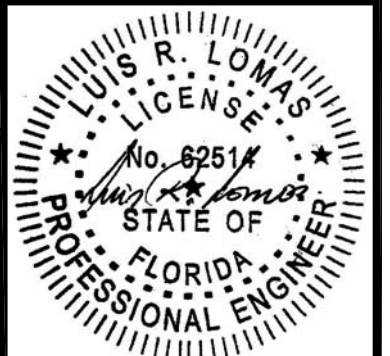
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REV	DESCRIPTION	DATE	APPROVED
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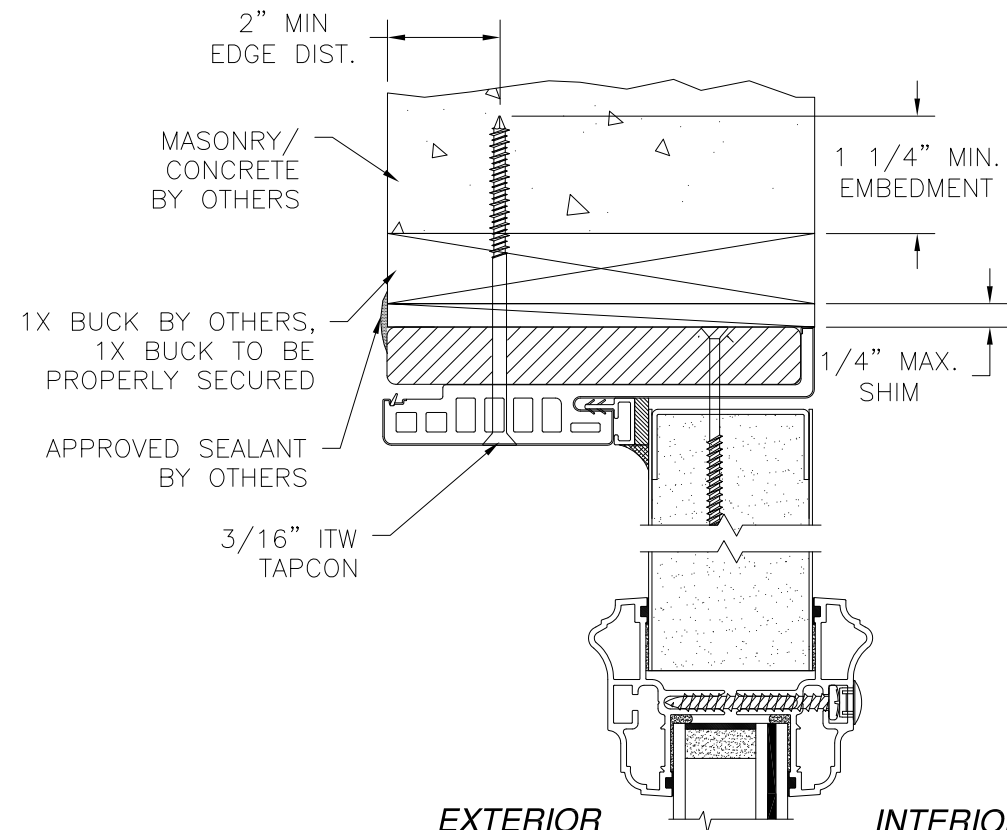
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SIGNED: 02/07/2020

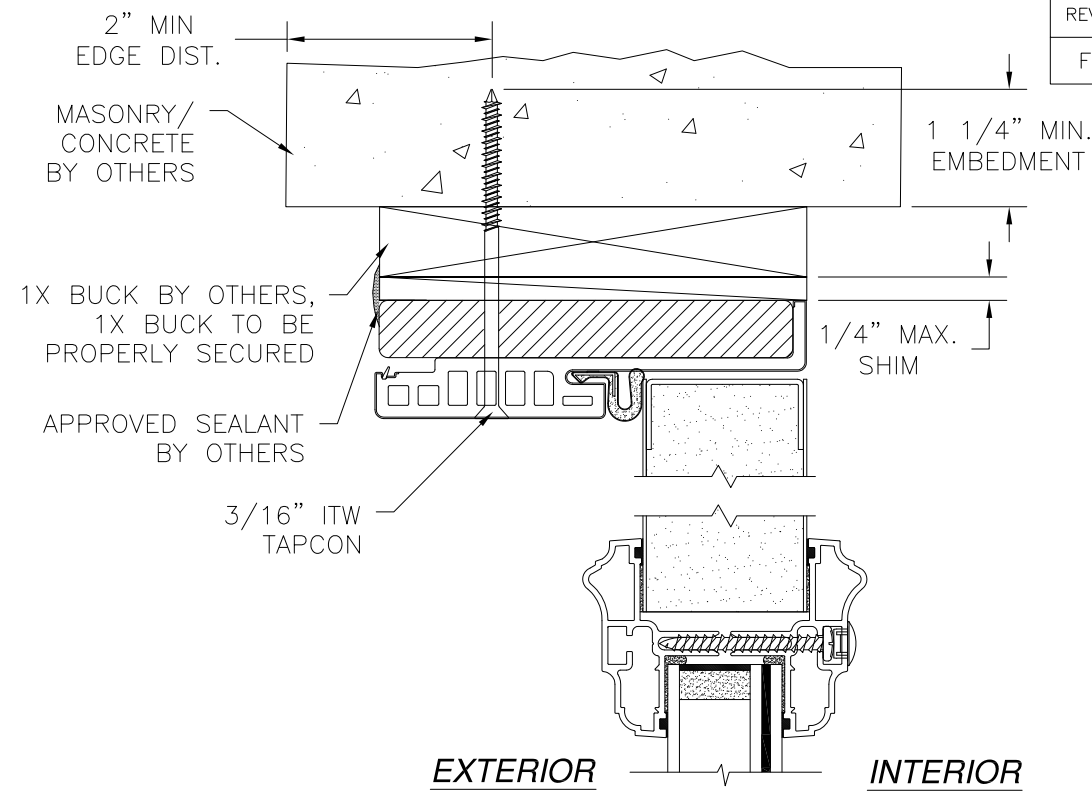
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES – IMPACT INSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 16 OF 28
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



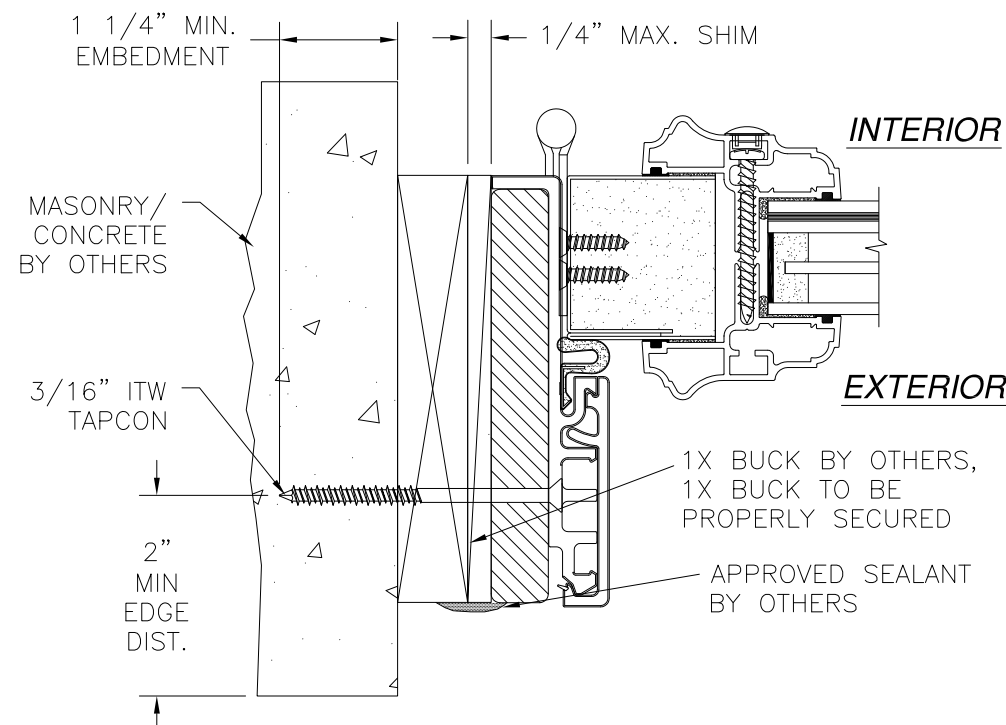
Luis R. Lomas P.E.
FL No.: 62514



EXTERIOR **INTERIOR**
VERTICAL CROSS SECTION
INSWING SIDELITE
MASONRY/CONCRETE INSTALLATION



EXTERIOR **INTERIOR**
VERTICAL CROSS SECTION
INSWING DOOR
MASONRY/CONCRETE INSTALLATION



HORIZONTAL CROSS SECTION INSWING DOOR
MASONRY/CONCRETE INSTALLATION

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PROVIA, LLC.

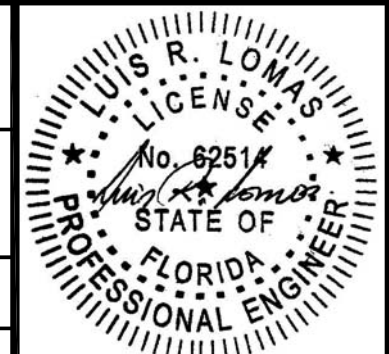
2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
 W/ AND W/OUT SIDELITES - IMPACT
 INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 17 OF 28

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

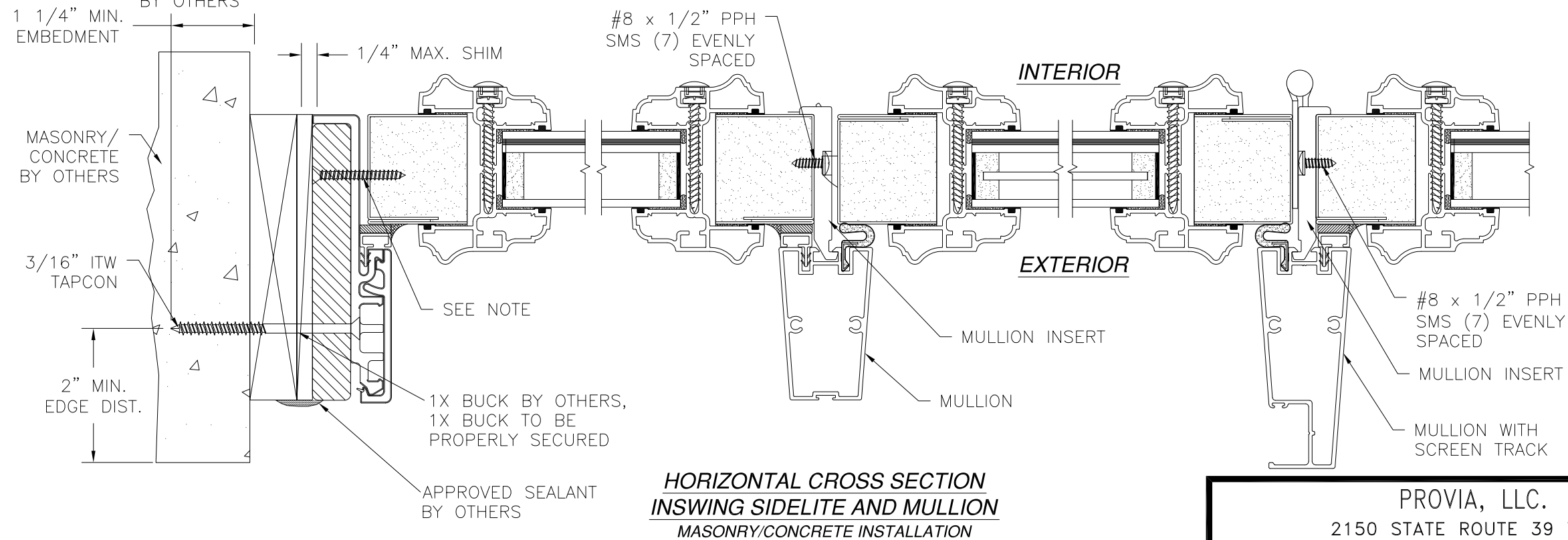
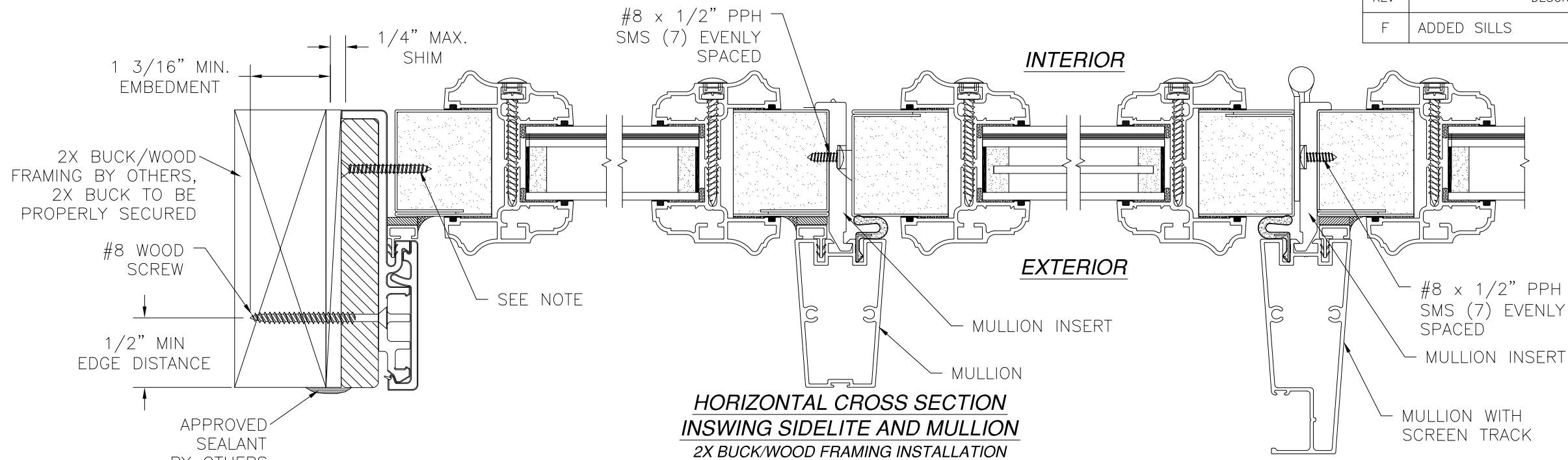
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
INSWING INSTALLATION DETAILS

DRAWN:

TJH

DWG NO.

08-00981

REV

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SCALE

NTS

DATE

04/19/10

SHEET

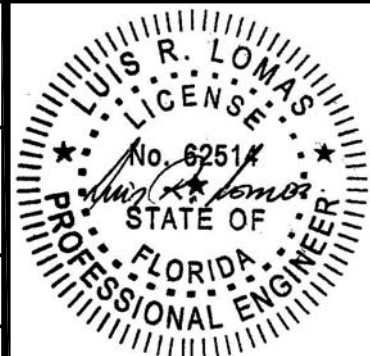
18 OF 28

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

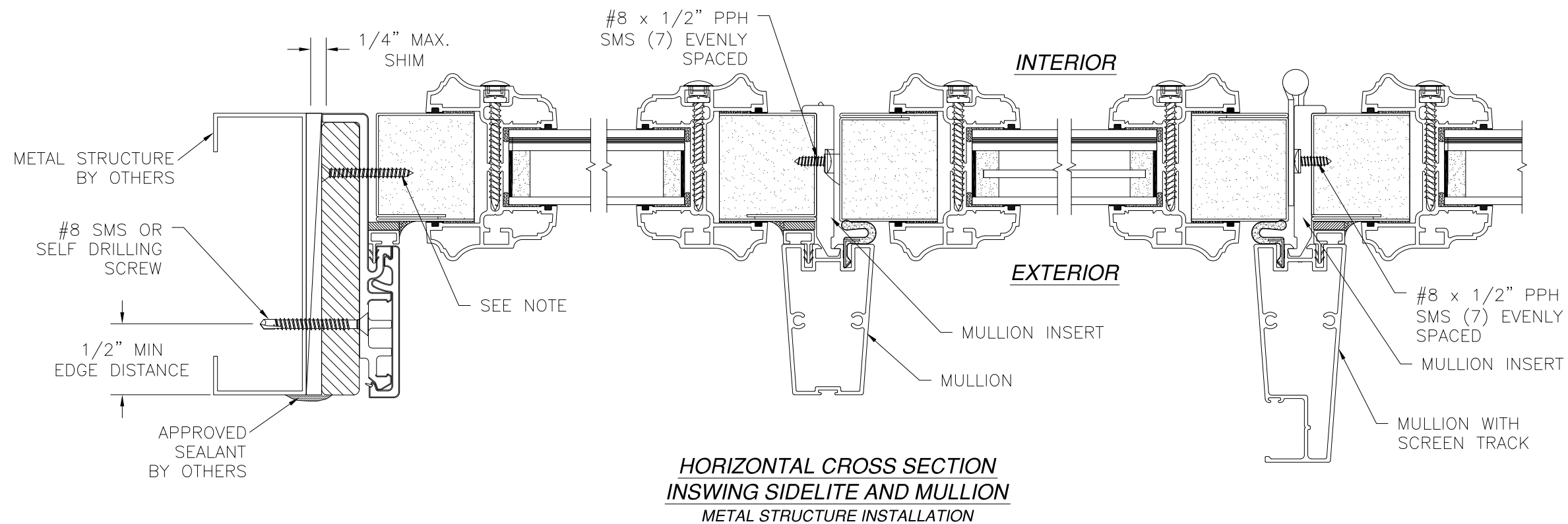
434-688-0609 rllomas@rlomaspe.com

SIGNED: 02/07/2020



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

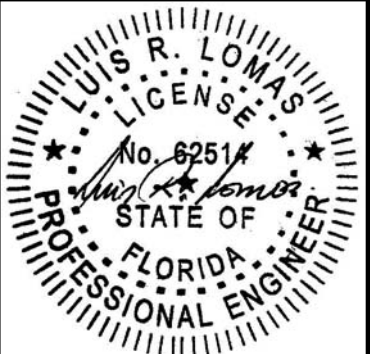


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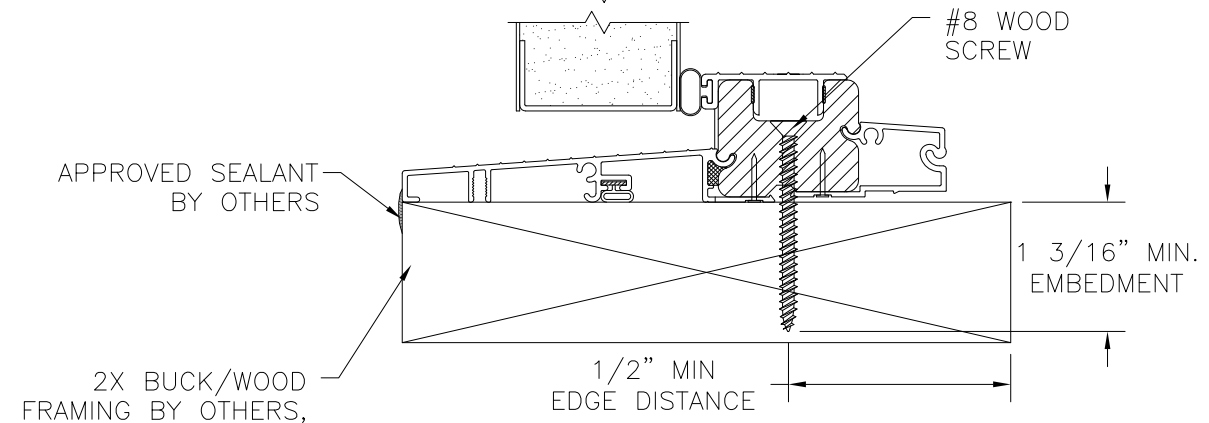
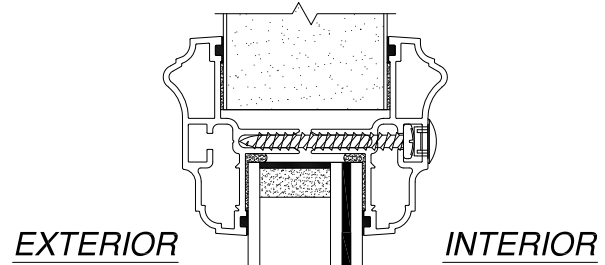
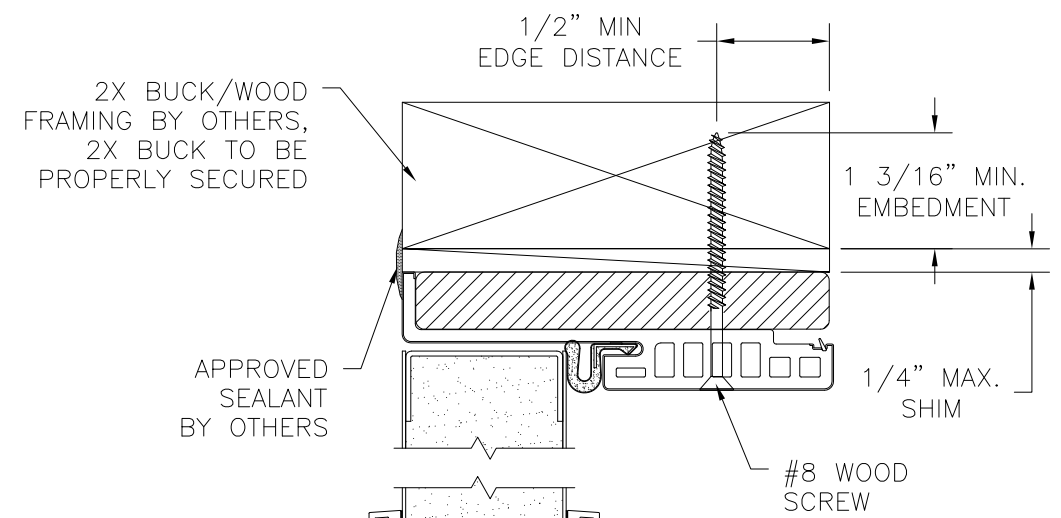
SIGNED: 02/07/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES - IMPACT INSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 19 OF 28
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

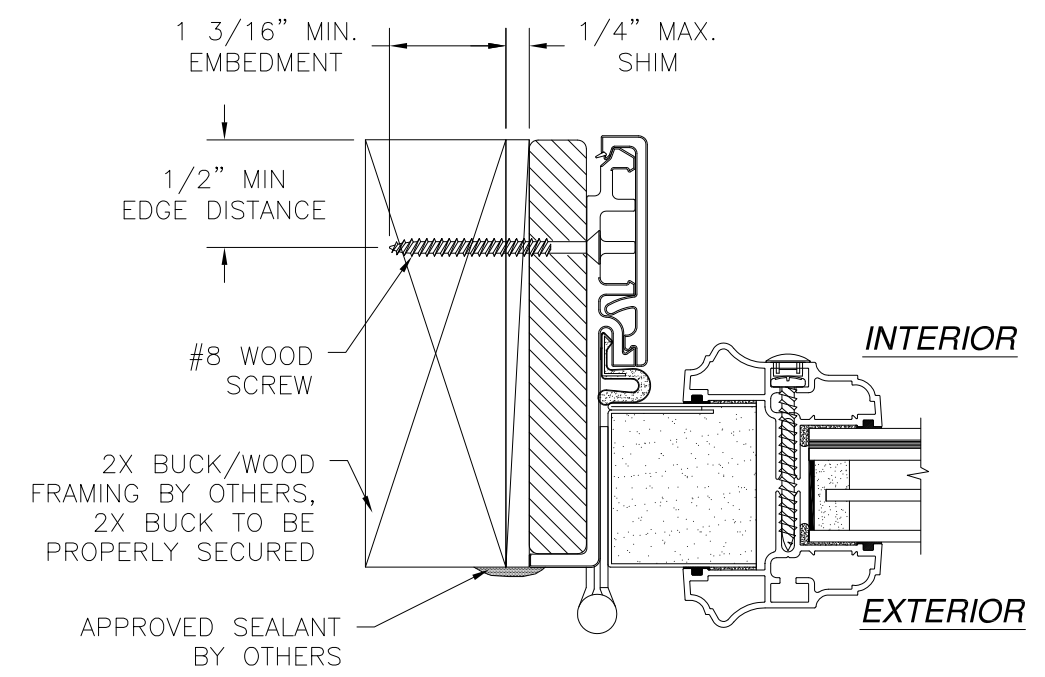


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**VERTICAL CROSS SECTION
OUTSWING DOOR**
2X BUCK/WOOD FRAMING INSTALLATION



**HORIZONTAL CROSS SECTION
OUTSWING DOOR**
2X BUCK/WOOD FRAMING INSTALLATION

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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00981

REV F

SCALE NTS

DATE 04/19/10

SHEET 20 OF 28

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

LUIS R. LOMAS

LICENS. M. E.

No. 62514

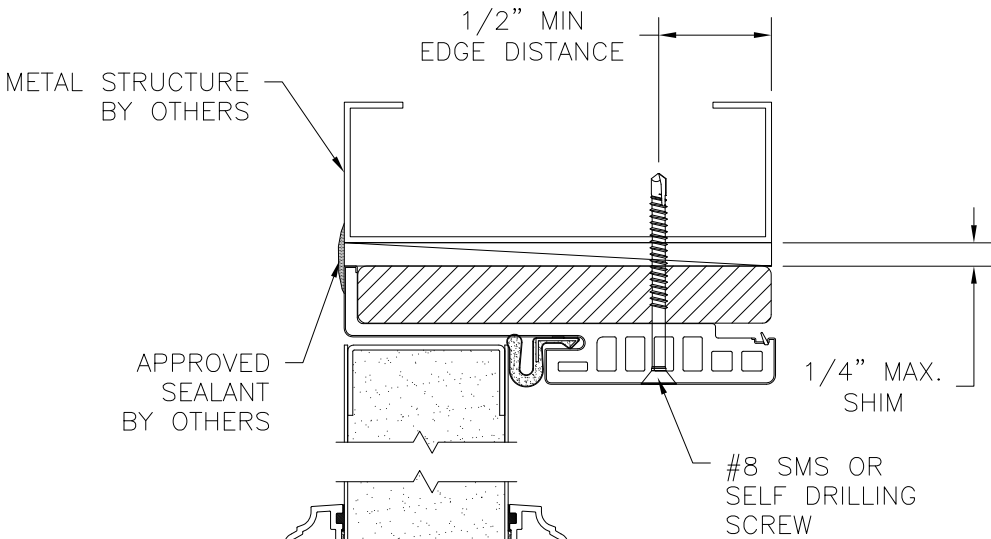
STATE OF FLORIDA

PROFESSIONAL ENGINEER

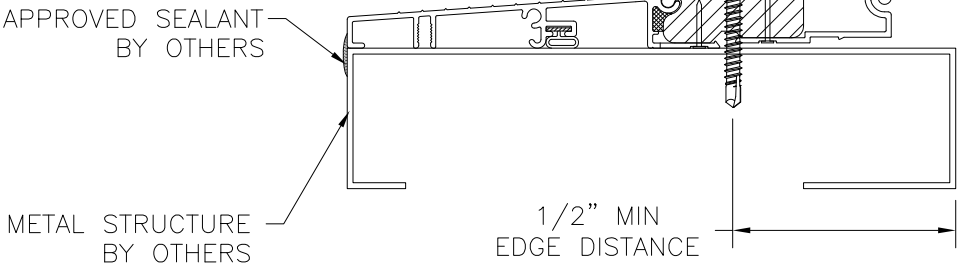
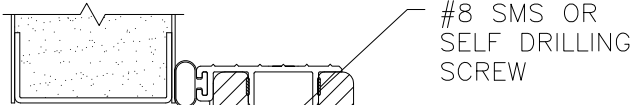
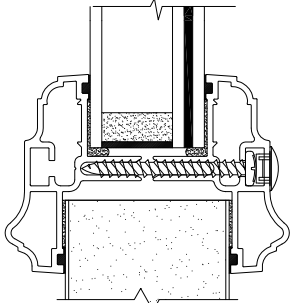
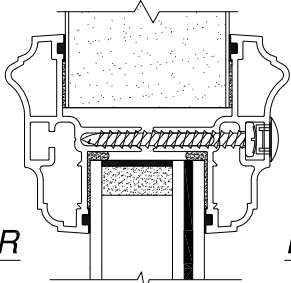
Luis R. Lomas P.E.

FL No.: 62514

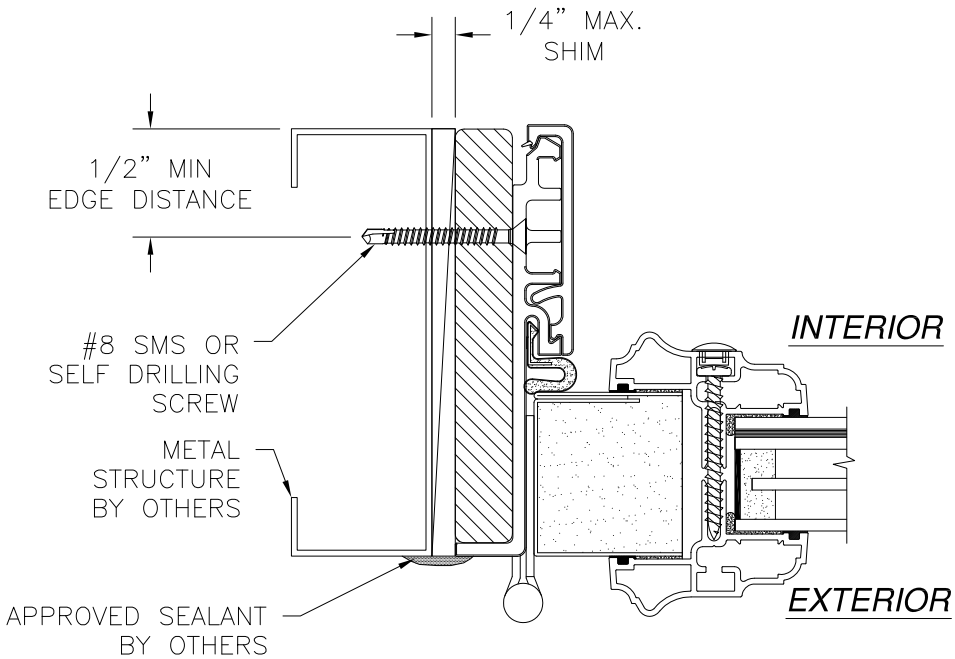
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



EXTERIOR INTERIOR



VERTICAL CROSS SECTION
OUTSWING DOOR
METAL STRUCTURE INSTALLATION

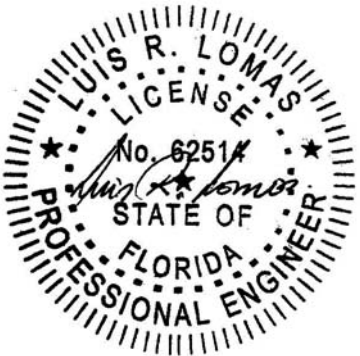


HORIZONTAL CROSS SECTION
OUTSWING DOOR
METAL STRUCTURE INSTALLATION

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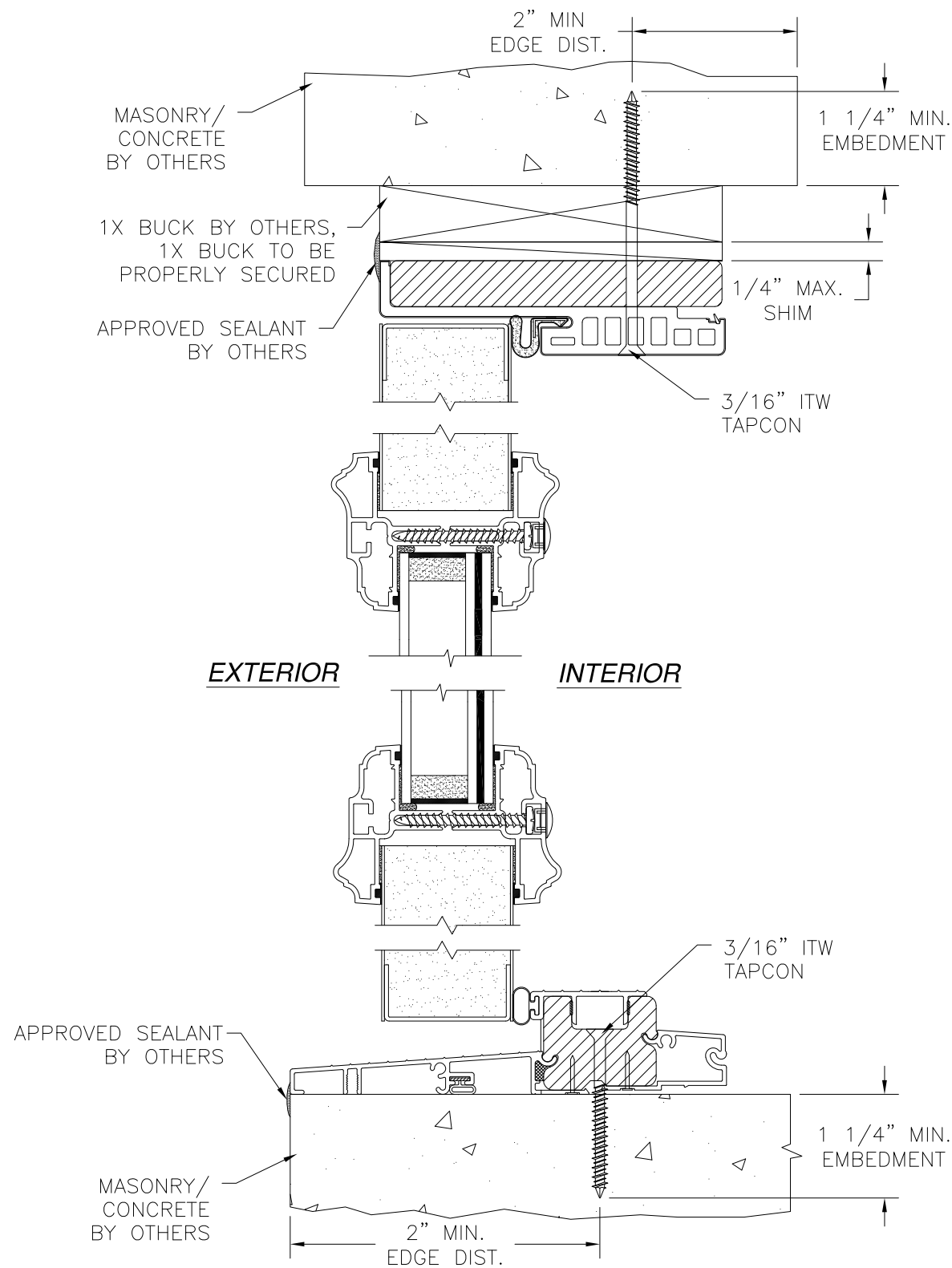
SIGNED: 02/07/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES – IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 21 OF 28
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



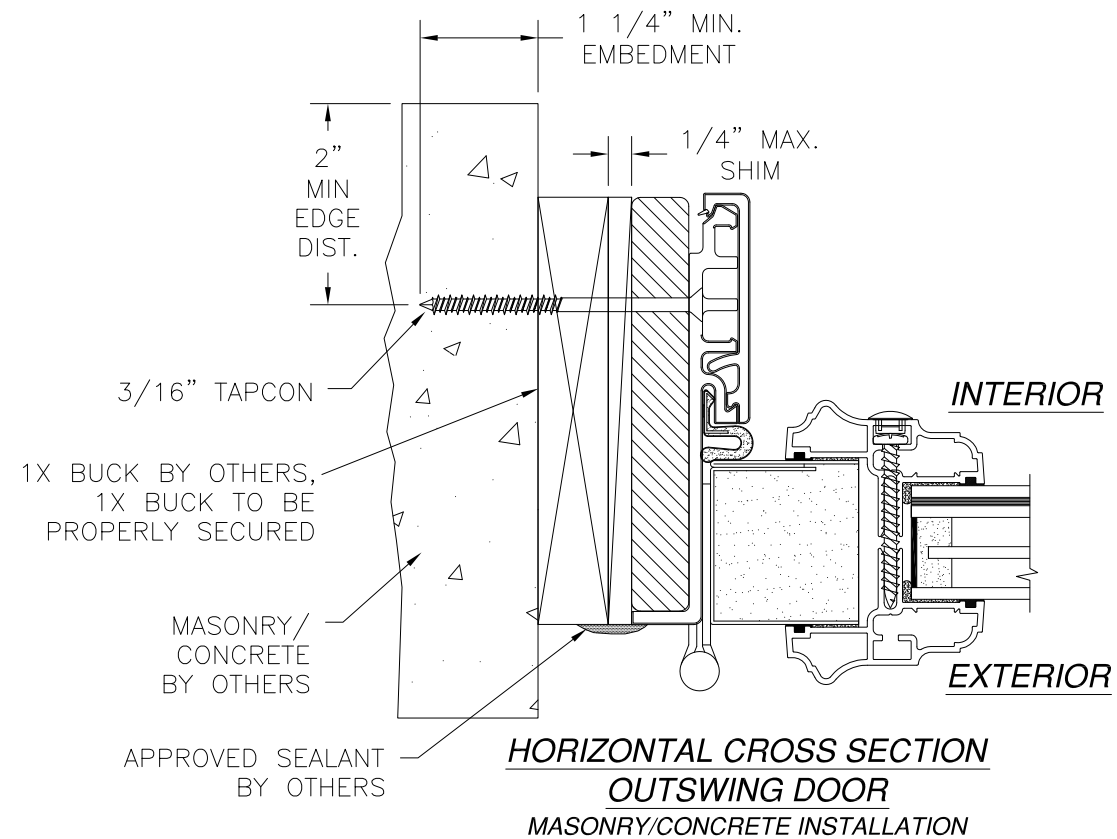
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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**VERTICAL CROSS SECTION
OUTSWING DOOR**
MASONRY/CONCRETE INSTALLATION

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**HORIZONTAL CROSS SECTION
OUTSWING DOOR**
MASONRY/CONCRETE INSTALLATION

SIGNED: 02/07/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
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OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00981

REV F

SCALE NTS

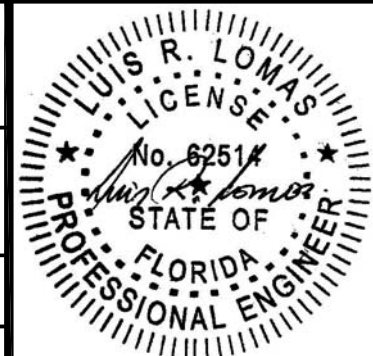
DATE 04/19/10

SHEET 22 OF 28

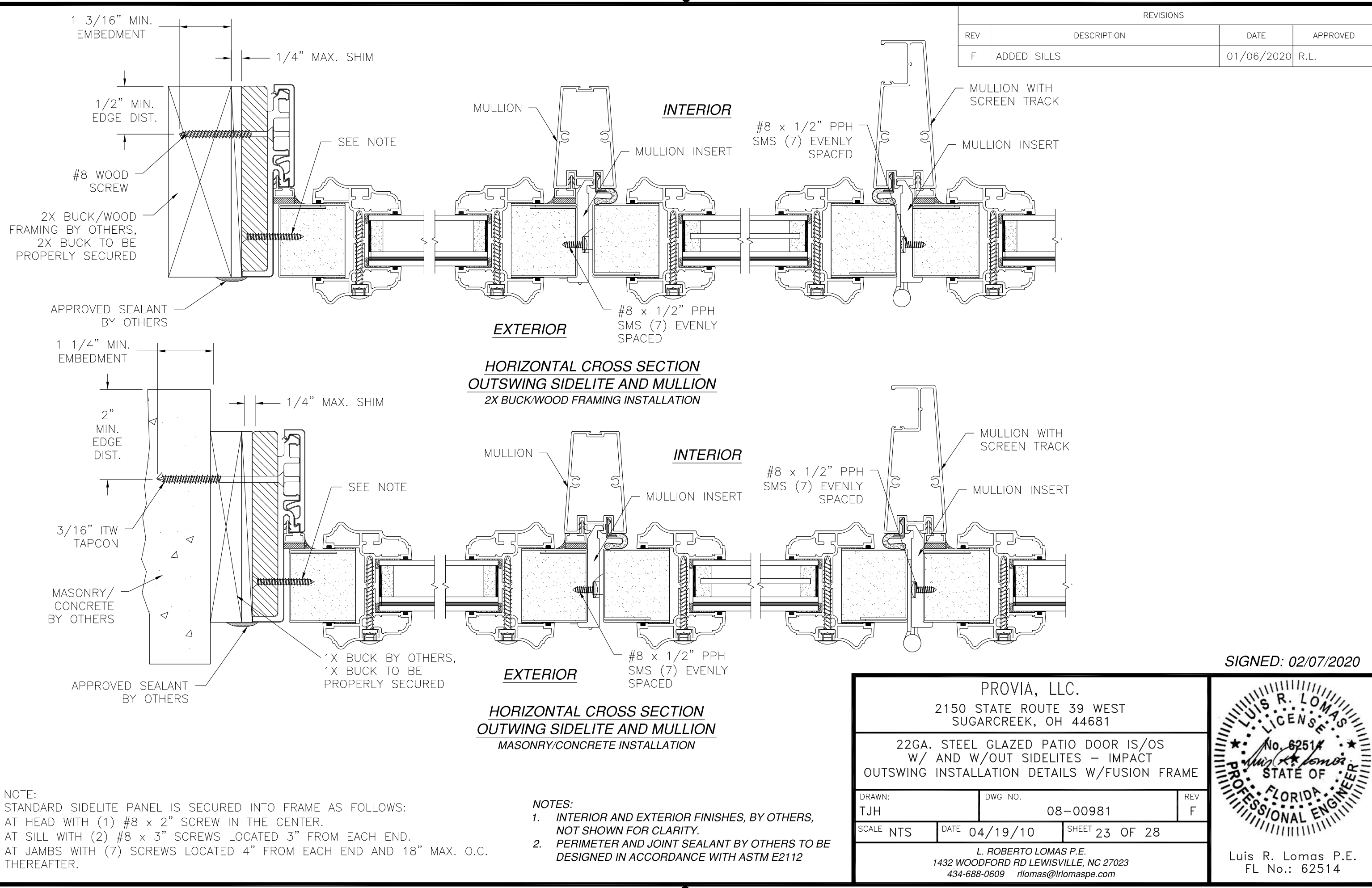
L. ROBERTO LOMAS P.E.

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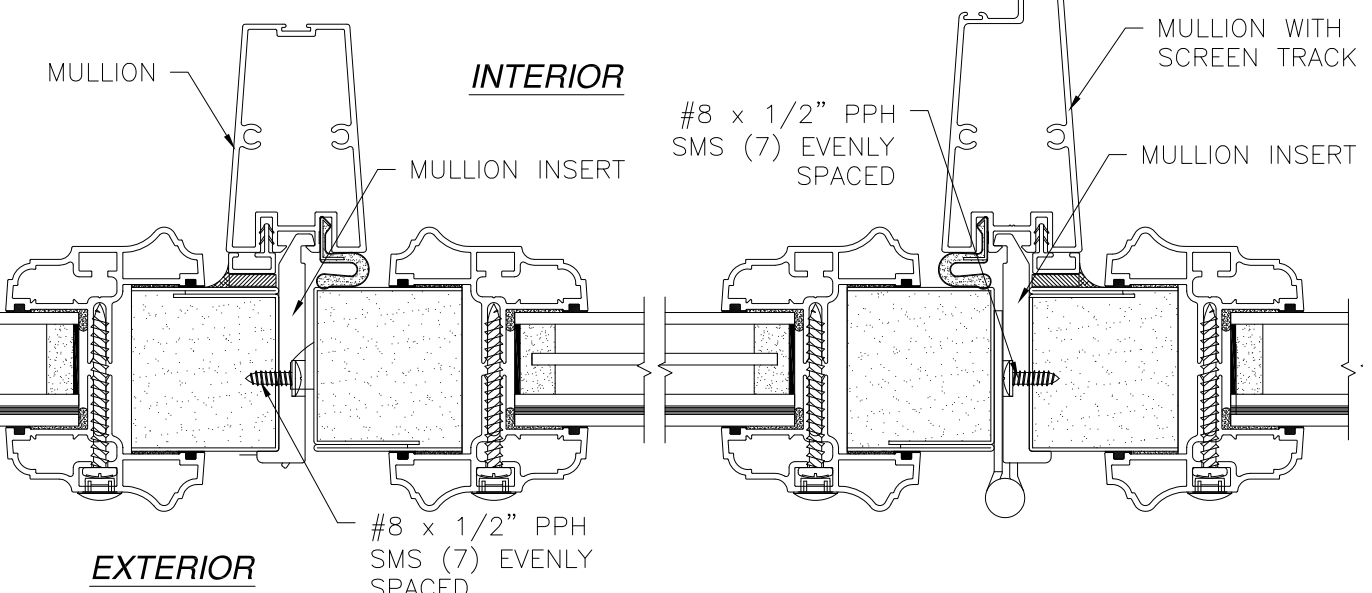
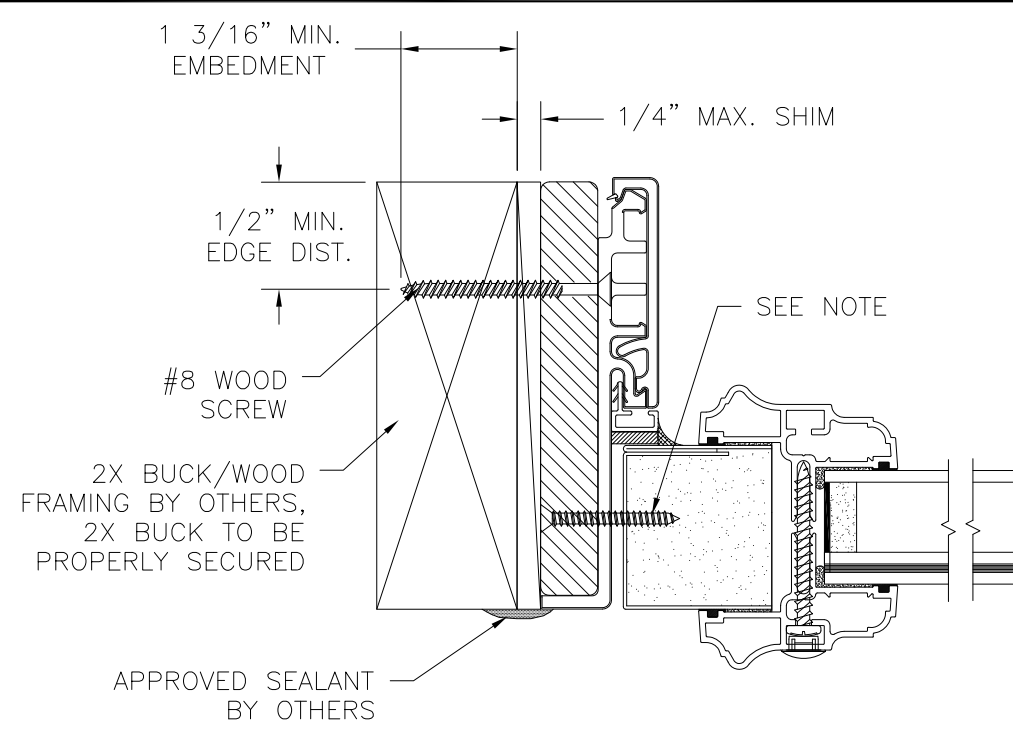
434-688-0609 rllomas@lrlomaspe.com



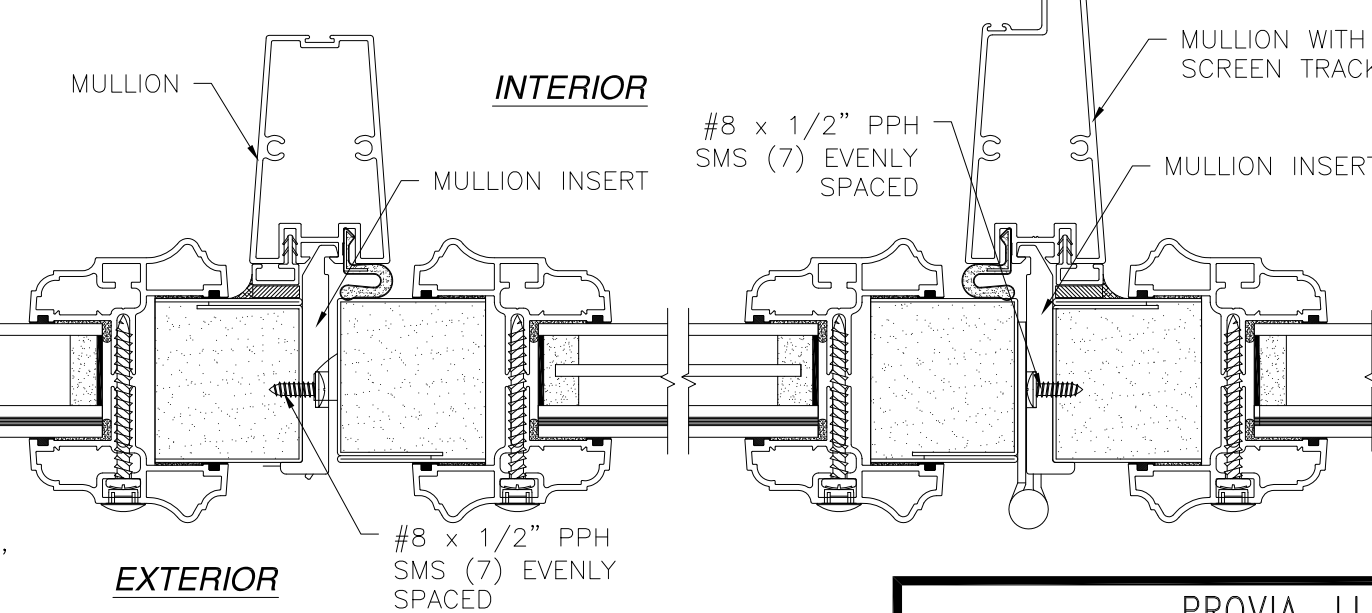
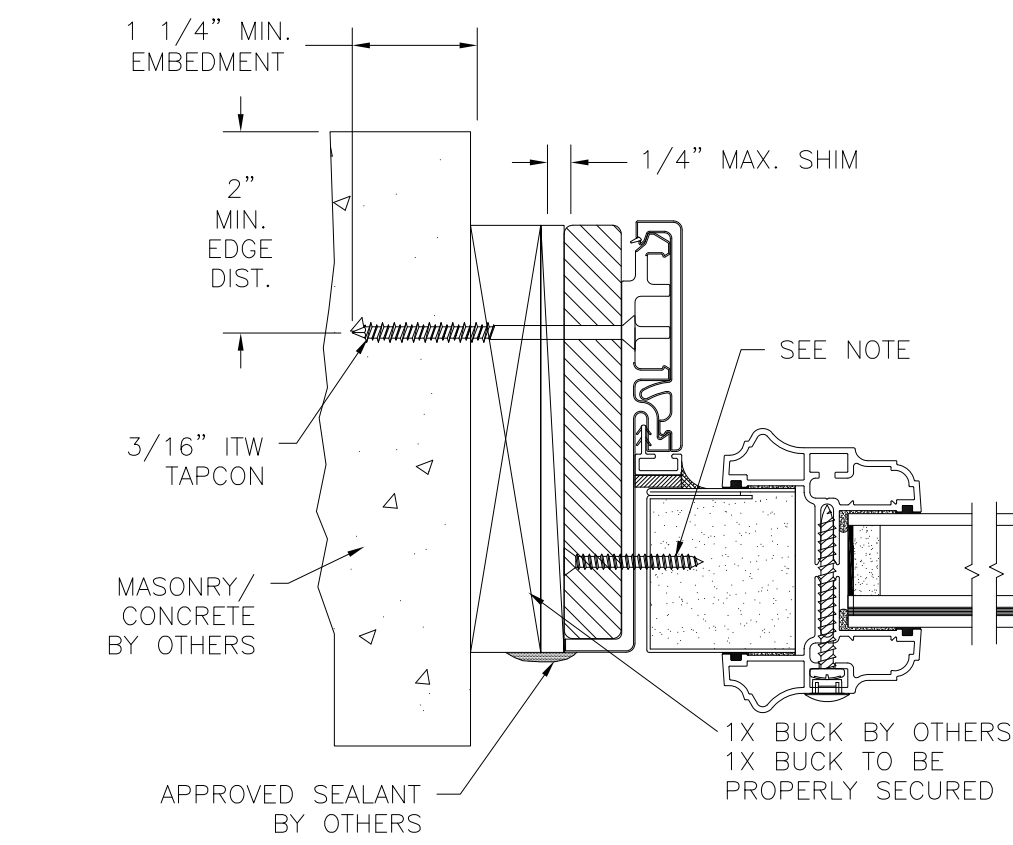
Luis R. Lomas P.E.
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**HORIZONTAL CROSS SECTION
OUTSWING SIDELITE AND MULLION
2X BUCK/WOOD FRAMING INSTALLATION**



**HORIZONTAL CROSS SECTION
OUTSWING SIDELITE AND MULLION
MASONRY/CONCRETE INSTALLATION**

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SIGNED: 02/07/2020

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2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES - IMPACT
OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN:
TJH

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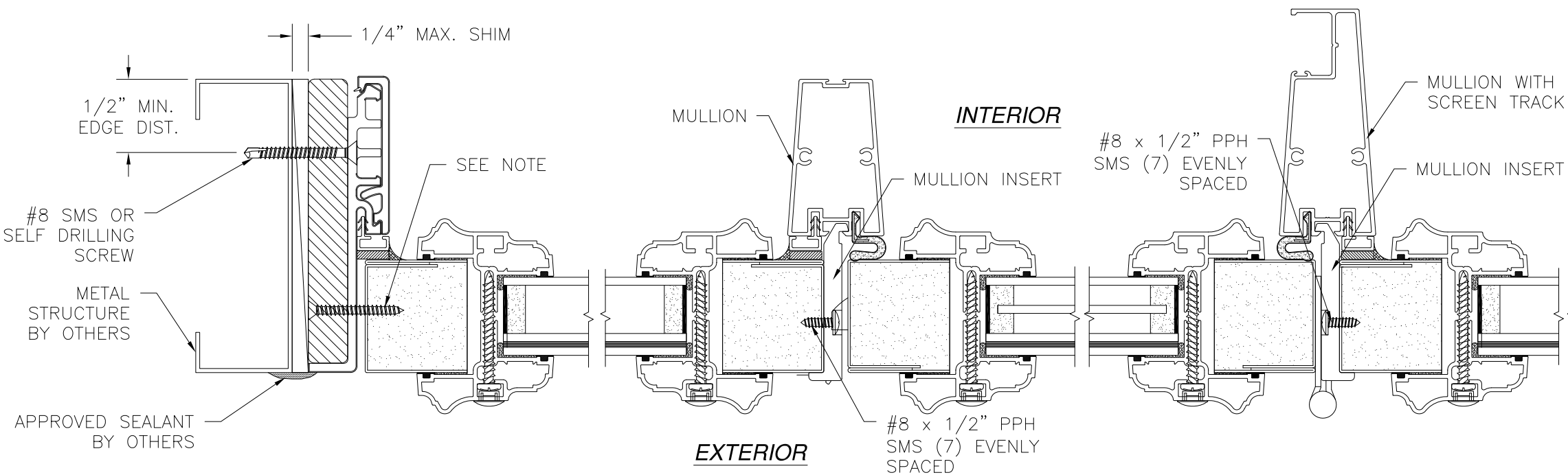
SHEET
23 OF 28

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

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

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

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AT HEAD WITH (1) #8 x 2" SCREW IN THE CENTER.
AT SILL WITH (2) #8 x 3" SCREWS LOCATED 3" FROM EACH END.
AT JAMBS WITH (7) SCREWS LOCATED 4" FROM EACH END AND 18" MAX. O.C.
THEREAFTER.

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

SIGNED: 02/07/2020

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

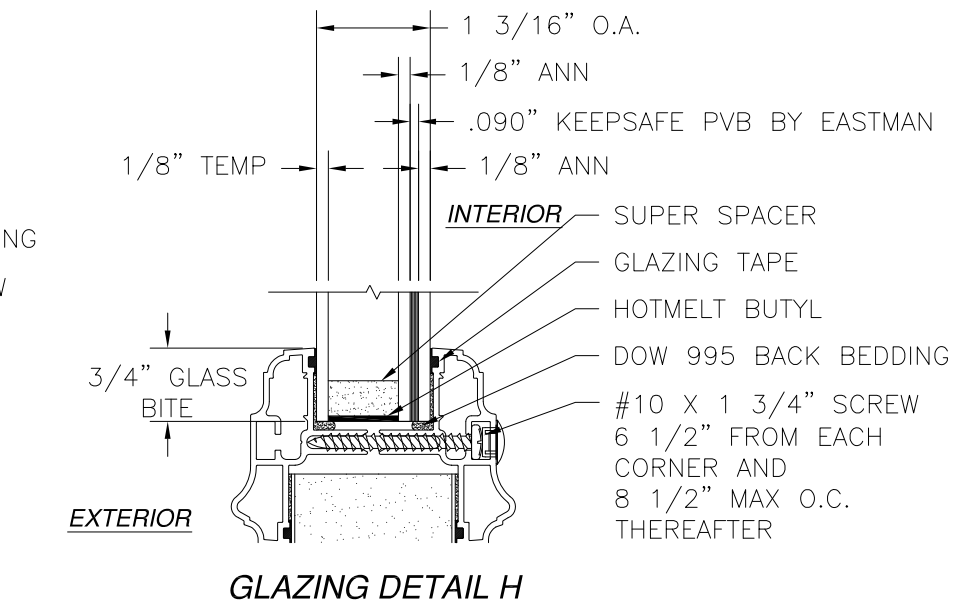
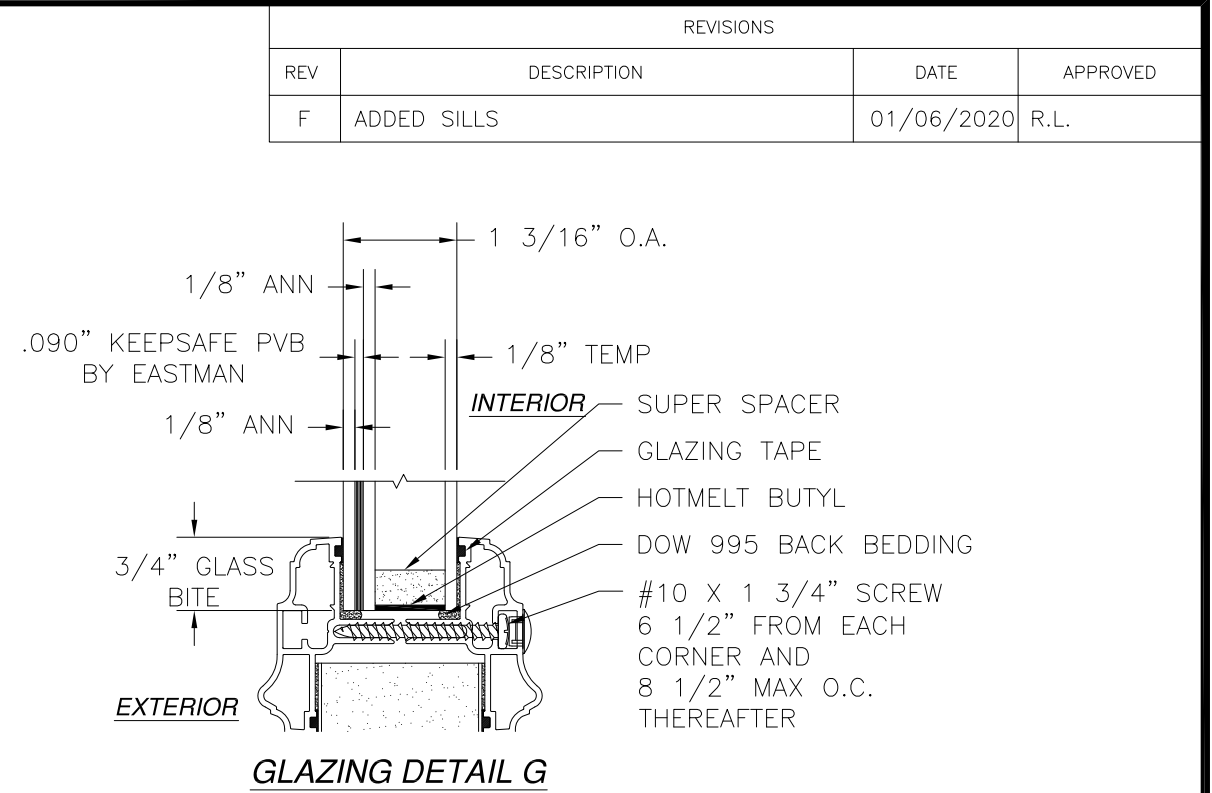
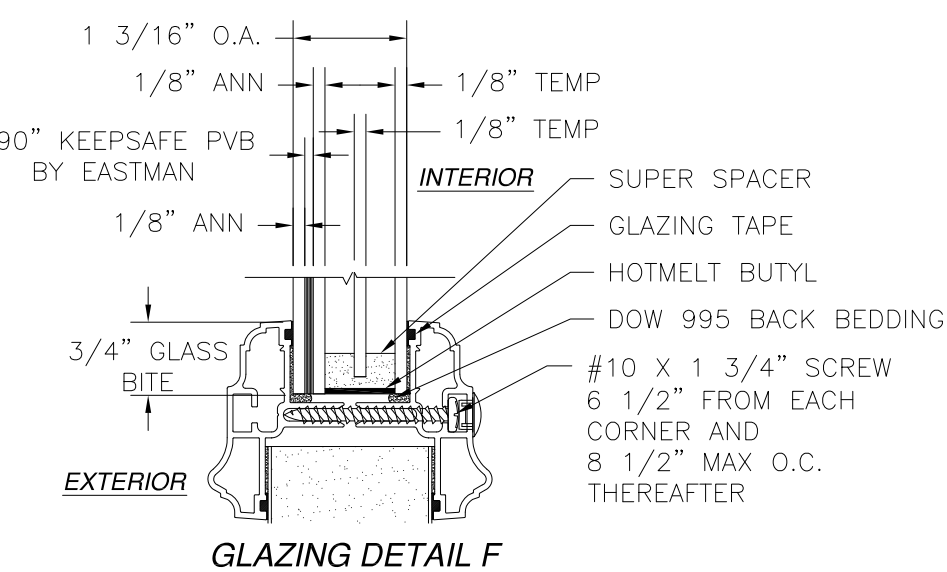
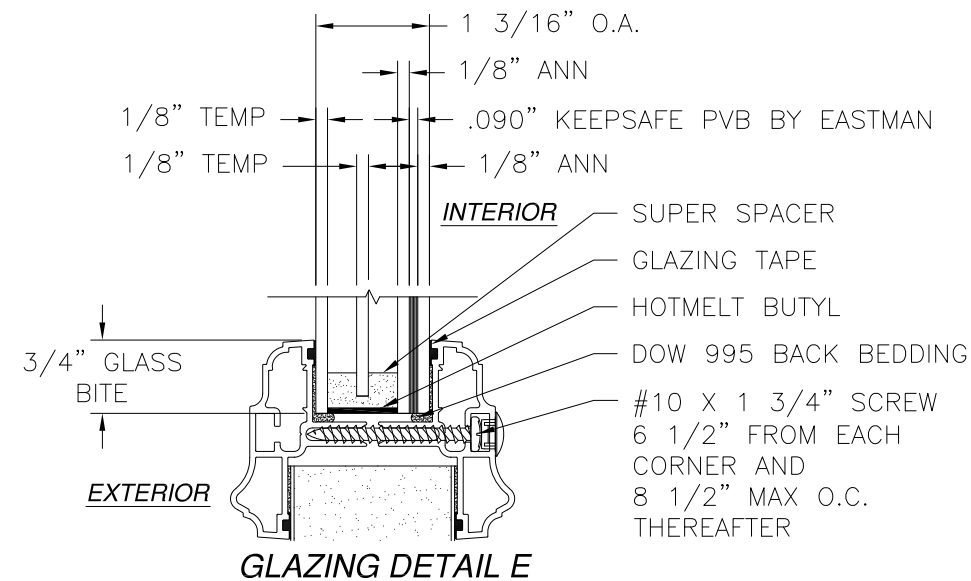
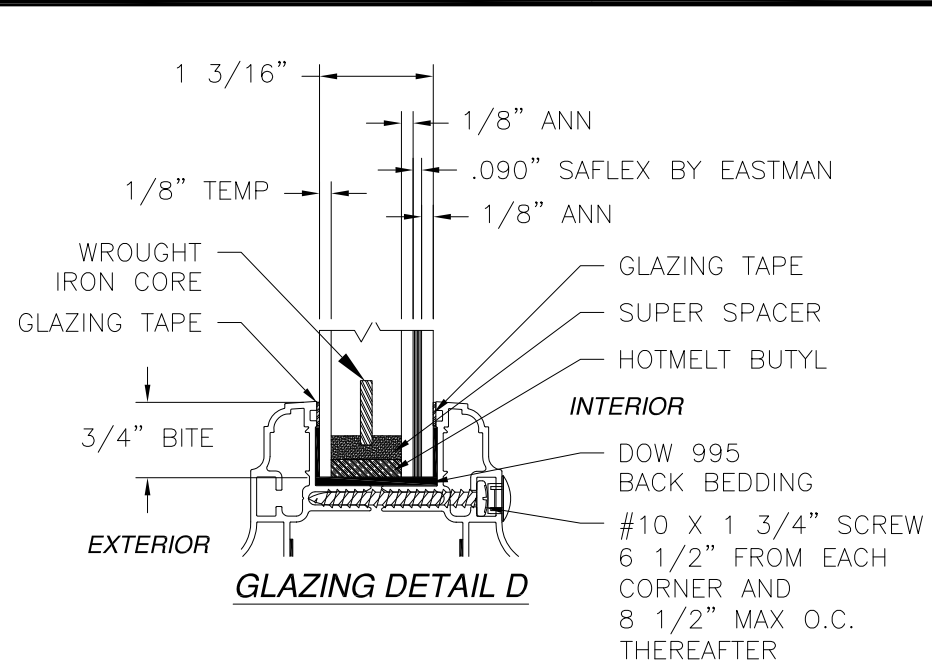
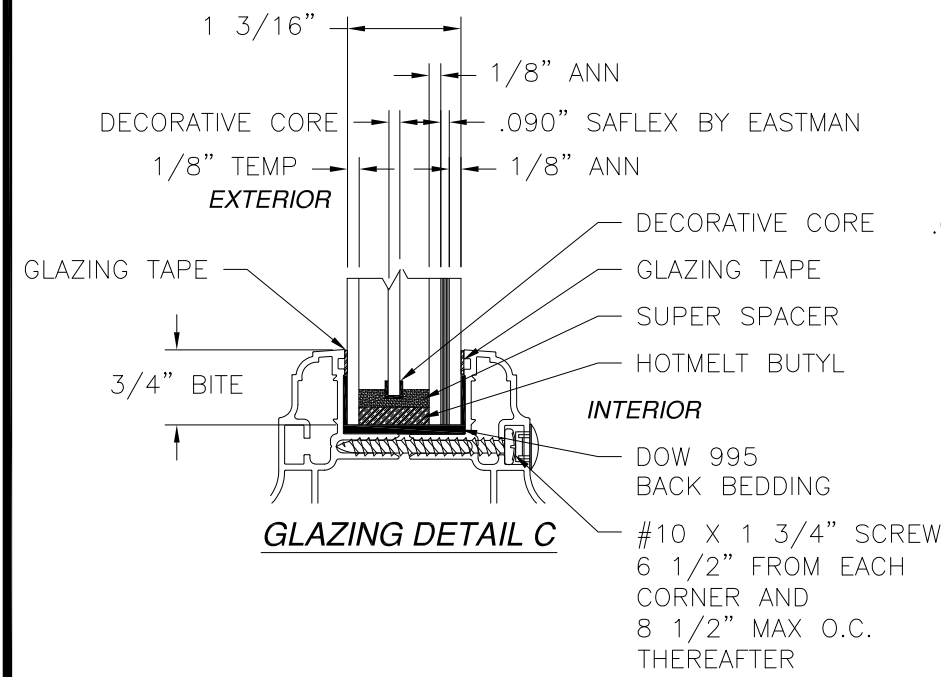
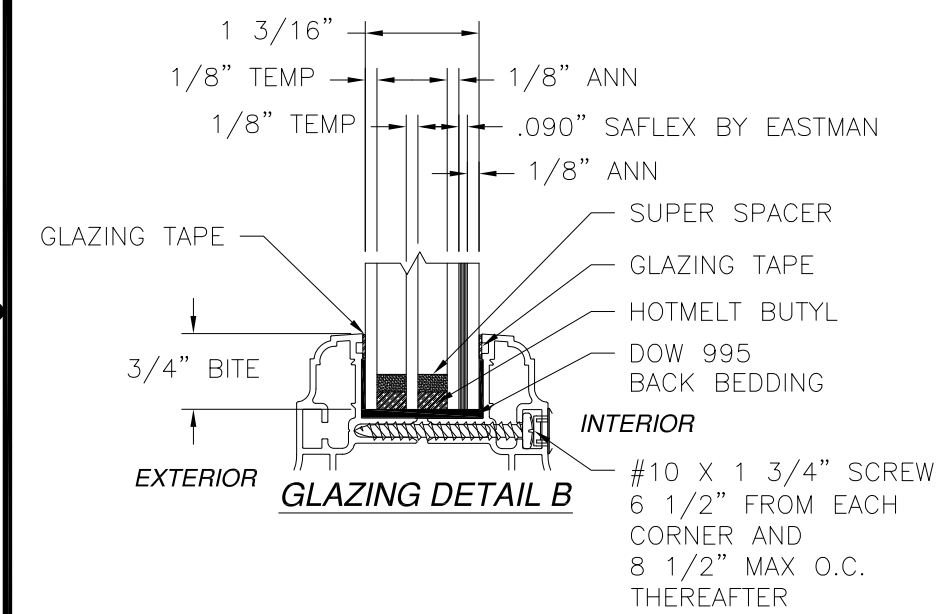
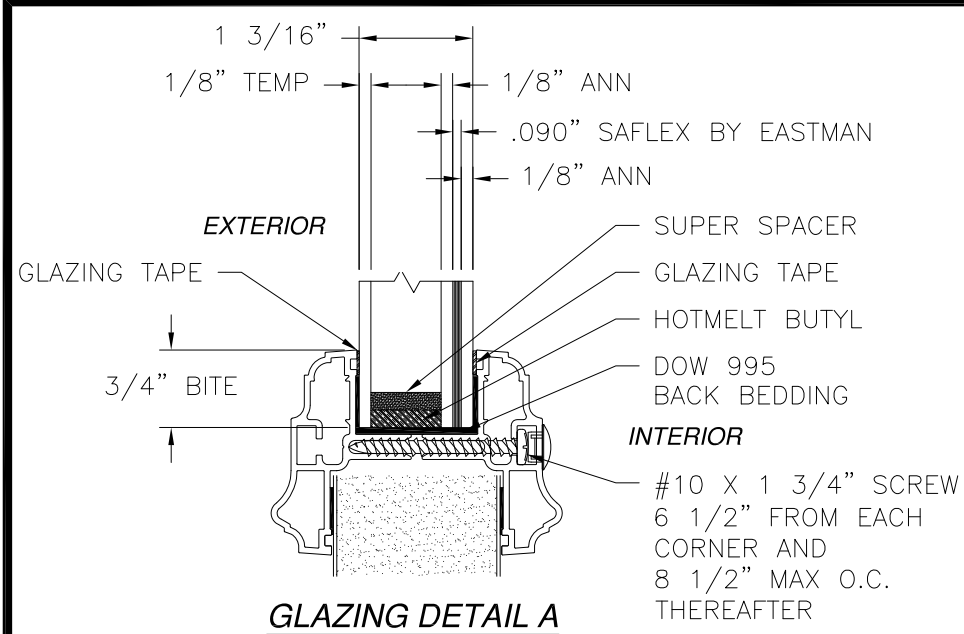
22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES - IMPACT
OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 24 OF 28

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

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

**22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES - IMPACT
GLAZING DETAILS**

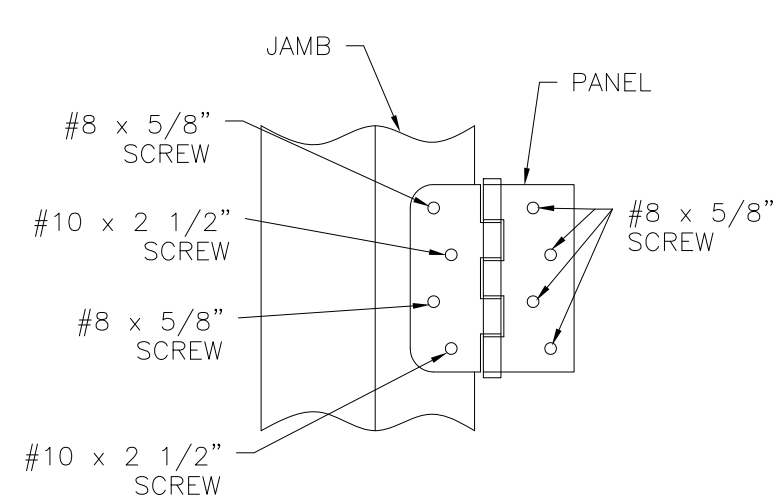
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 25 OF 28

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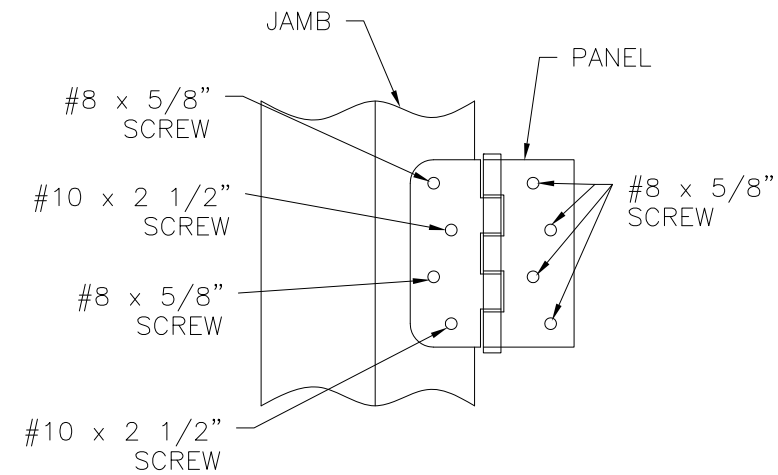
SIGNED: 02/07/2020

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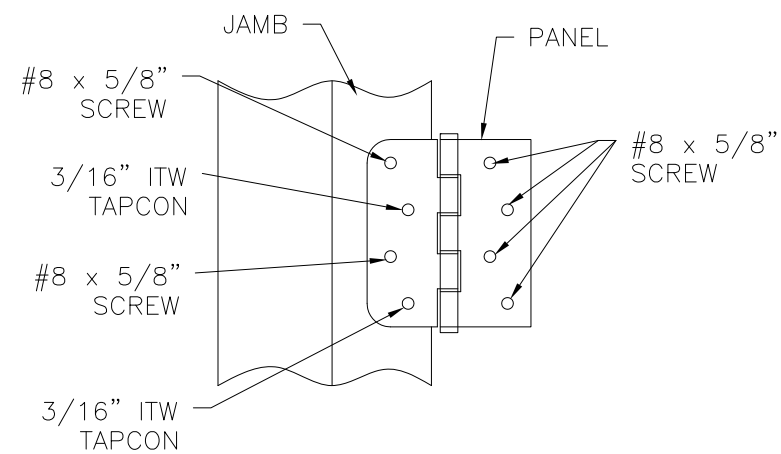
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



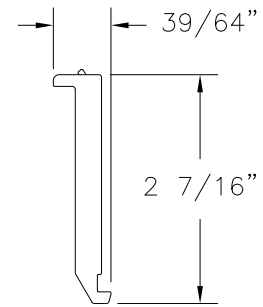
HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION



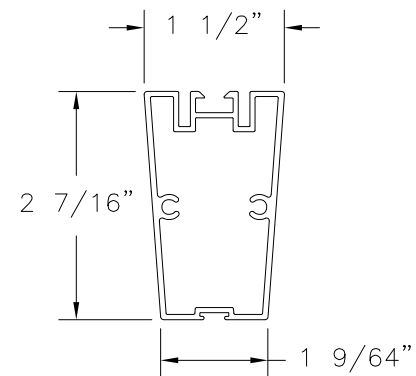
HINGE INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



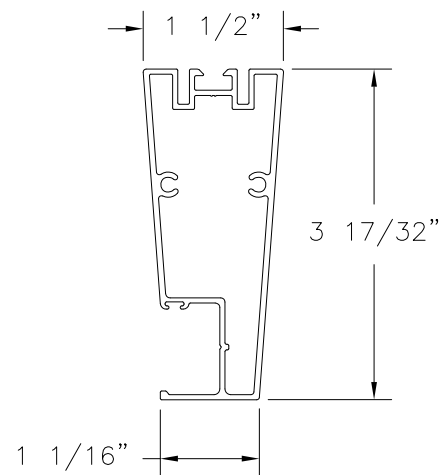
HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION



MULLION INSERT
EXTRUDED RIGID PVC .281" THICK



PATIO DOOR MULLION
EXTRUDED ALUMINUM 6063-T6 .055" THICK



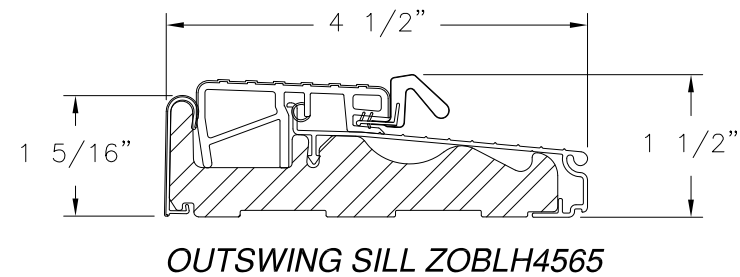
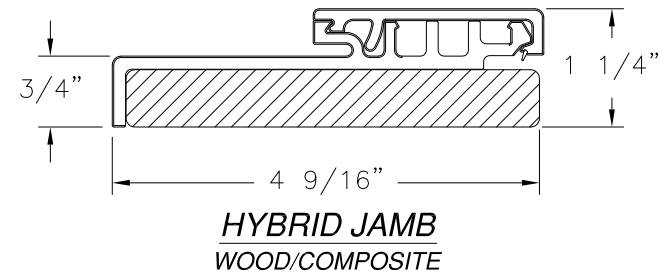
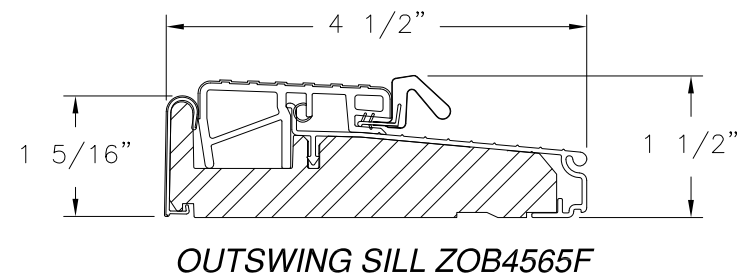
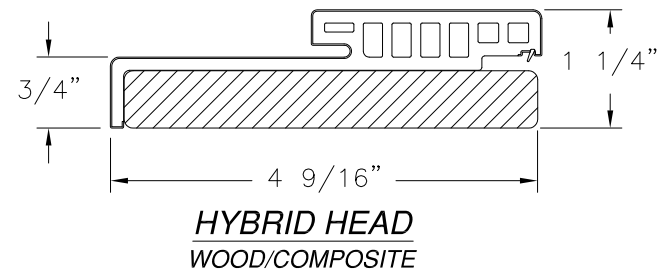
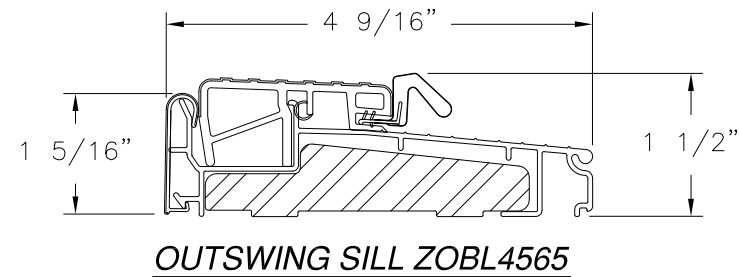
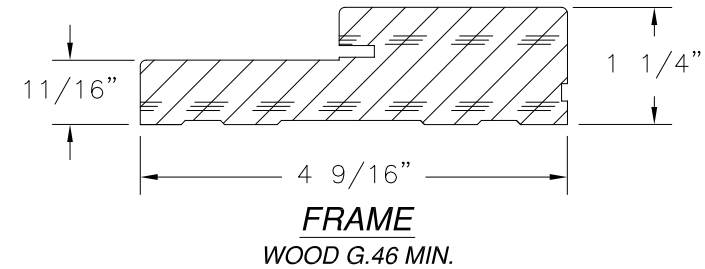
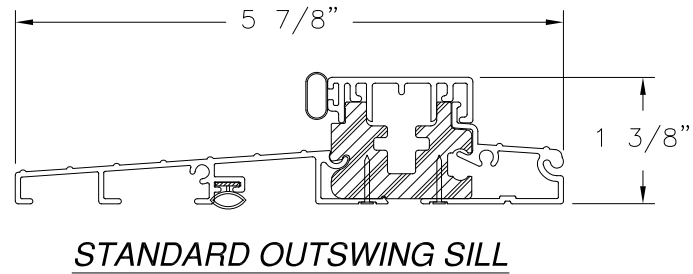
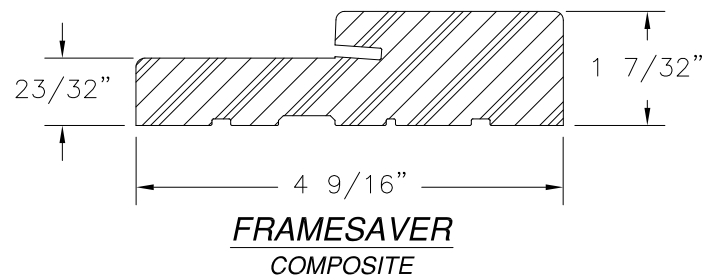
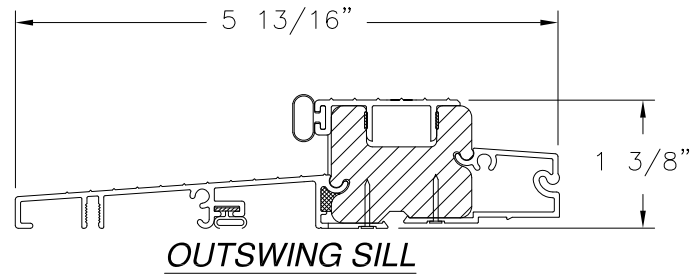
**PATIO DOOR MULLION
WITH SCREEN TRACK**
EXTRUDED ALUMINUM 6063-T6 .055" THICK

SIGNED: 02/07/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES - IMPACT COMPONENTS DETAILS		
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 26 OF 28
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

Luis R. Lomas P.E.
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



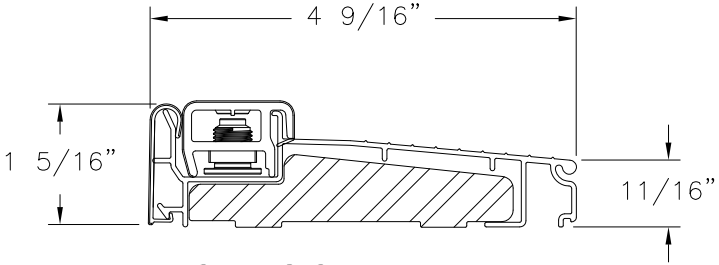
SIGNED: 02/07/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED PATIO DOOR IS/OS W/ AND W/OUT SIDELITES - IMPACT COMPONENTS		
DRAWN: TJH	DWG NO. 08-00981	REV F
SCALE NTS	DATE 04/19/10	SHEET 27 OF 28
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

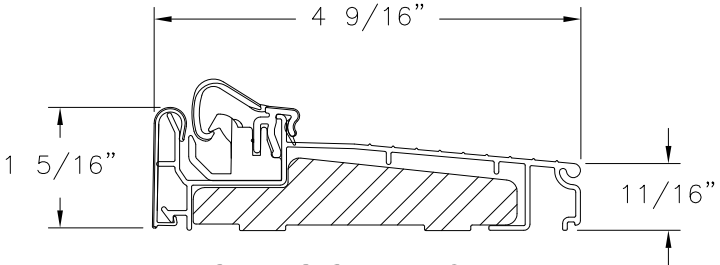


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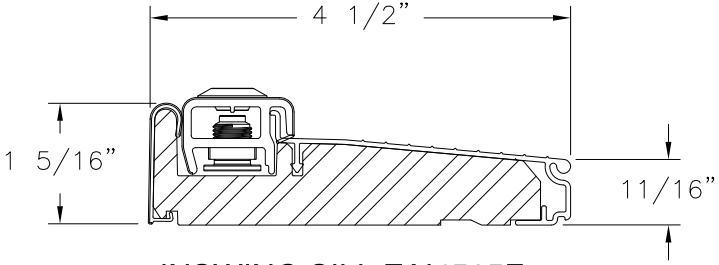
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



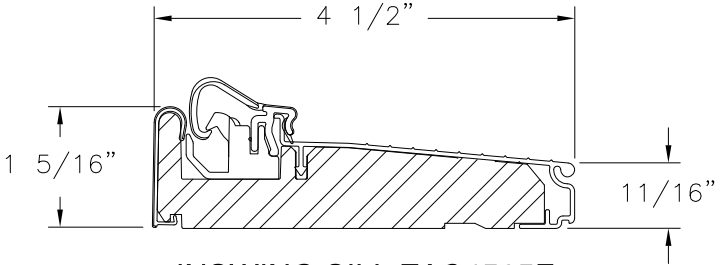
INSWING SILL ZAIL4565



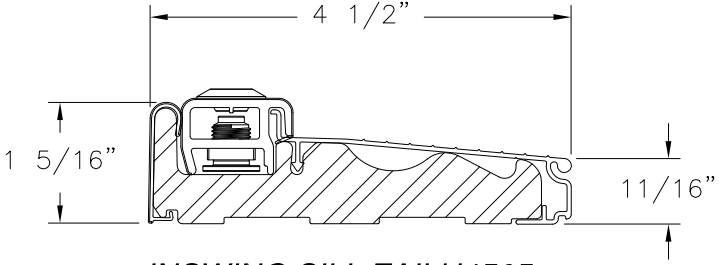
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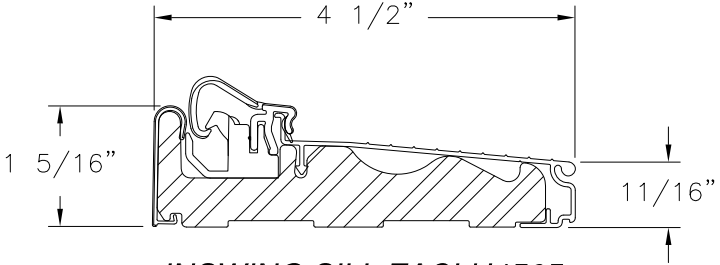
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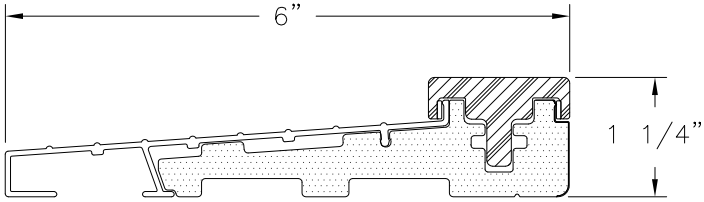
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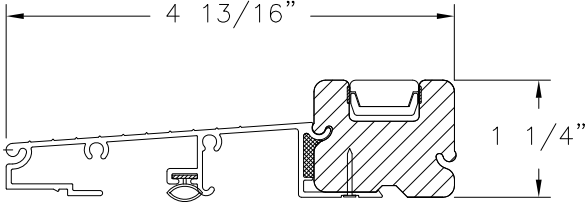
INSWING SILL ZAILH4565



INSWING SILL ZACLH4565



STANDARD INSWING DOOR SILL



INSWING DOOR SILL

PROVIA, LLC.

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SUGARCREEK, OH 44681

22GA. STEEL GLAZED PATIO DOOR IS/OS
W/ AND W/OUT SIDELITES – IMPACT
COMPONENTS

DRAWN: TJH

DWG NO. 08-00981

REV F

SCALE NTS

DATE 04/19/10

SHEET 28 OF 28

L. ROBERTO LOMAS P.E.

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