

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

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE.

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 REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

4) UNITS MUST BE GLAZED PER ASTM E1300-04/09, WITH SAFETY GLAZING.

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" ITW 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.

9) FOR ANCHORING INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

10) ALL FASTENERS TO BE CORROSION RESISTANT.

11) 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
- 12) FRAME MATERIAL: WOOD WITH G .46 MINIMUM SPECIFIC GRAVITY, OR FRAMESAVER, OR FUSION FRAME.

13) DOOR PANEL MATERIAL: 22GA. STEEL SKIN MINIMUM WITH .054" STEEL OR .0938" FIBERGLASS TOP AND BOTTOM RAILS. SEE SHEET 29 FOR PANEL OPTIONS.

14) STANDARD SIDELITE PANEL MATERIAL: 24GA. STEEL SKIN.

15) 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.

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

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

DRAWN:
TJH

DWG NO.
08-00983

REV
F

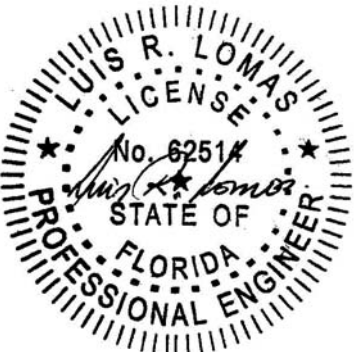
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DATE 04/23/10

SHEET 1 OF 32

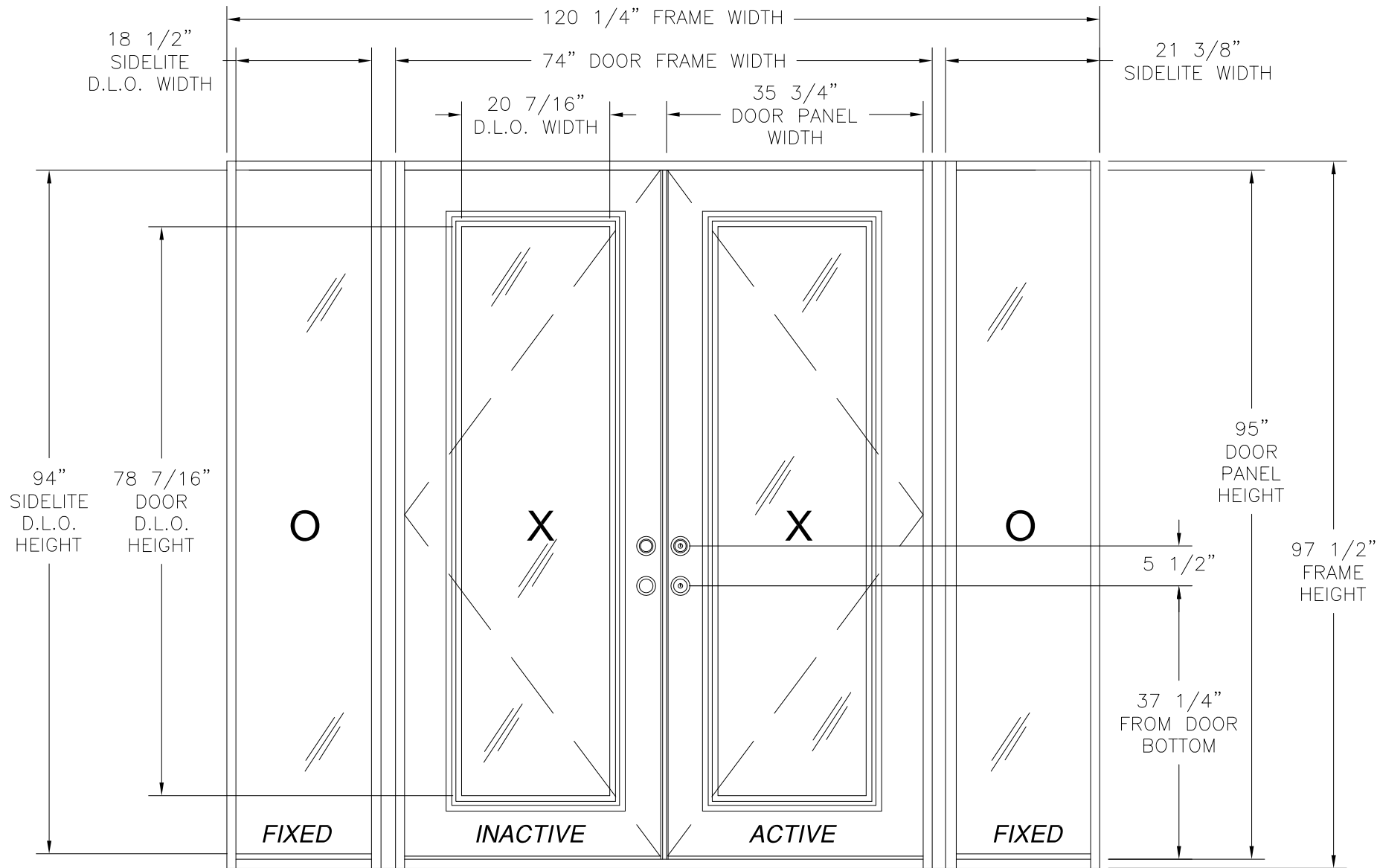
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FL No.: 62514

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22GA. STEEL DOUBLE DOOR INSWING /OUTSWING W/SIDELITES

WITH DIRECTSET SIDELITES

EXTERIOR VIEW

WITH STANDARD SIDELITES

DESIGN PRESSURE RATING	IMPACT RATING
+45.0PSF/-51.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

DESIGN PRESSURE RATING	IMPACT RATING
±51.0PSF	NONE
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

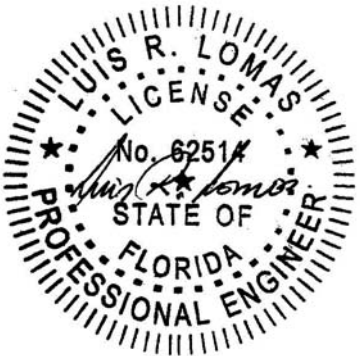
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2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
ELEVATION

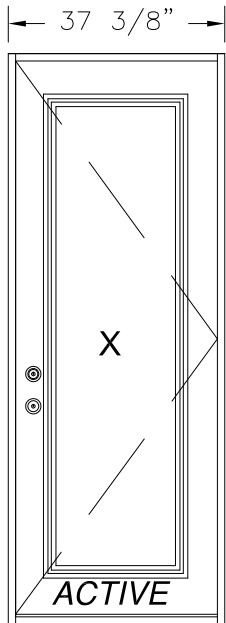
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SCALE NTS	DATE 04/23/10	SHEET 2 OF 32

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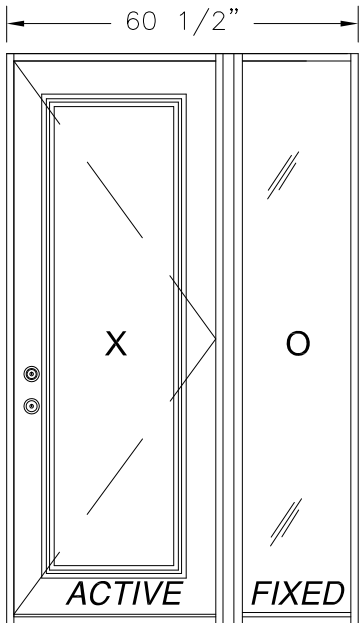


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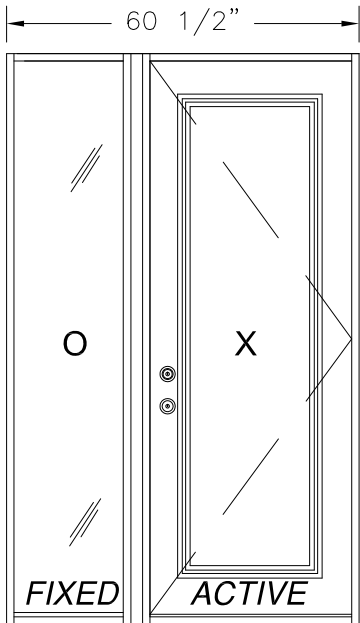
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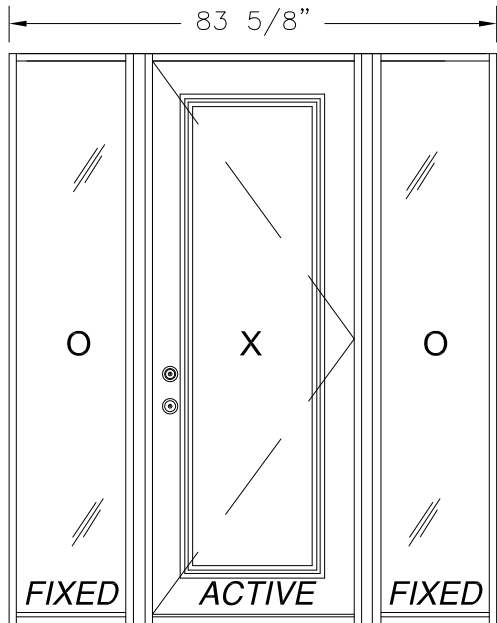
SINGLE
EXTERIOR VIEW



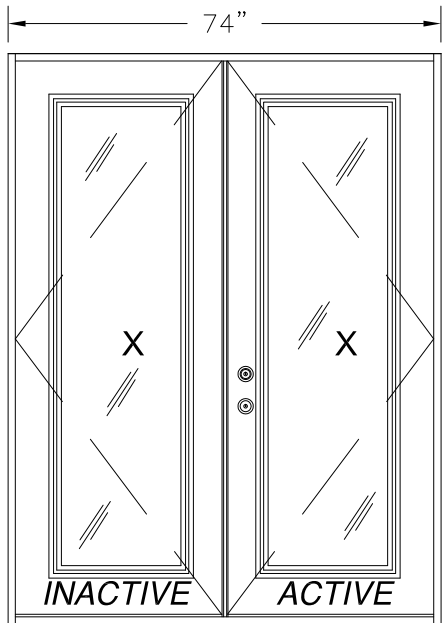
SINGLE W/SIDELITE
EXTERIOR VIEW



SINGLE W/SIDELITE
EXTERIOR VIEW



SINGLE W/SIDELITES
EXTERIOR VIEW



DOUBLE
EXTERIOR VIEW

WITH DIRECTSET SIDELITES

DESIGN PRESSURE RATING	IMPACT RATING
+45.0PSF/-51.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

**WITHOUT SIDELITES
WITH STANDARD SIDELITES**

DESIGN PRESSURE RATING	IMPACT RATING
±51.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED	

35 3/4" x 78 15/16" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.56 FT²

NOTE:
APPROVED CONFIGURATIONS MAY BE INSWING OR OUTSWING RIGHT HAND ACTIVE
OR LEFT HAND ACTIVE. SIDELITES MAY BE DIRECTSET OR INSERT GLAZED.

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HARDWARE SCHEDULE
A. F-SERIES LOCK ASSEMBLY 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. INSWING HURRICANE ASTRAGAL BY ENDURA.
G. OUTSWING HURRICANE ASTRAGAL BY ENDURA.
H. (3) 4" x 4" BALL BEARING HINGES BY PENROD.
I. (3) 4" x 4" SPRING BOMMER HINGES BY PENROD.

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22GA. STEEL GLAZED DOOR IS/OS
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ADDITIONAL CONFIGURATIONS & HARDWARE

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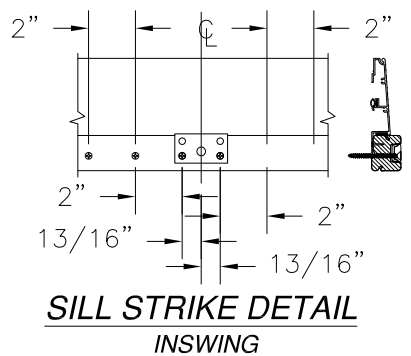
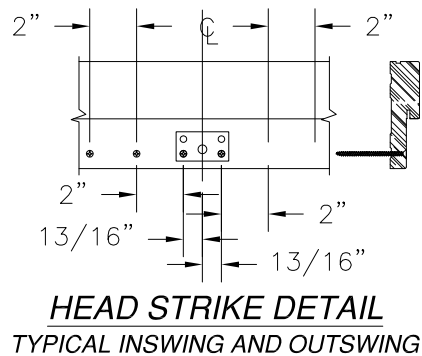
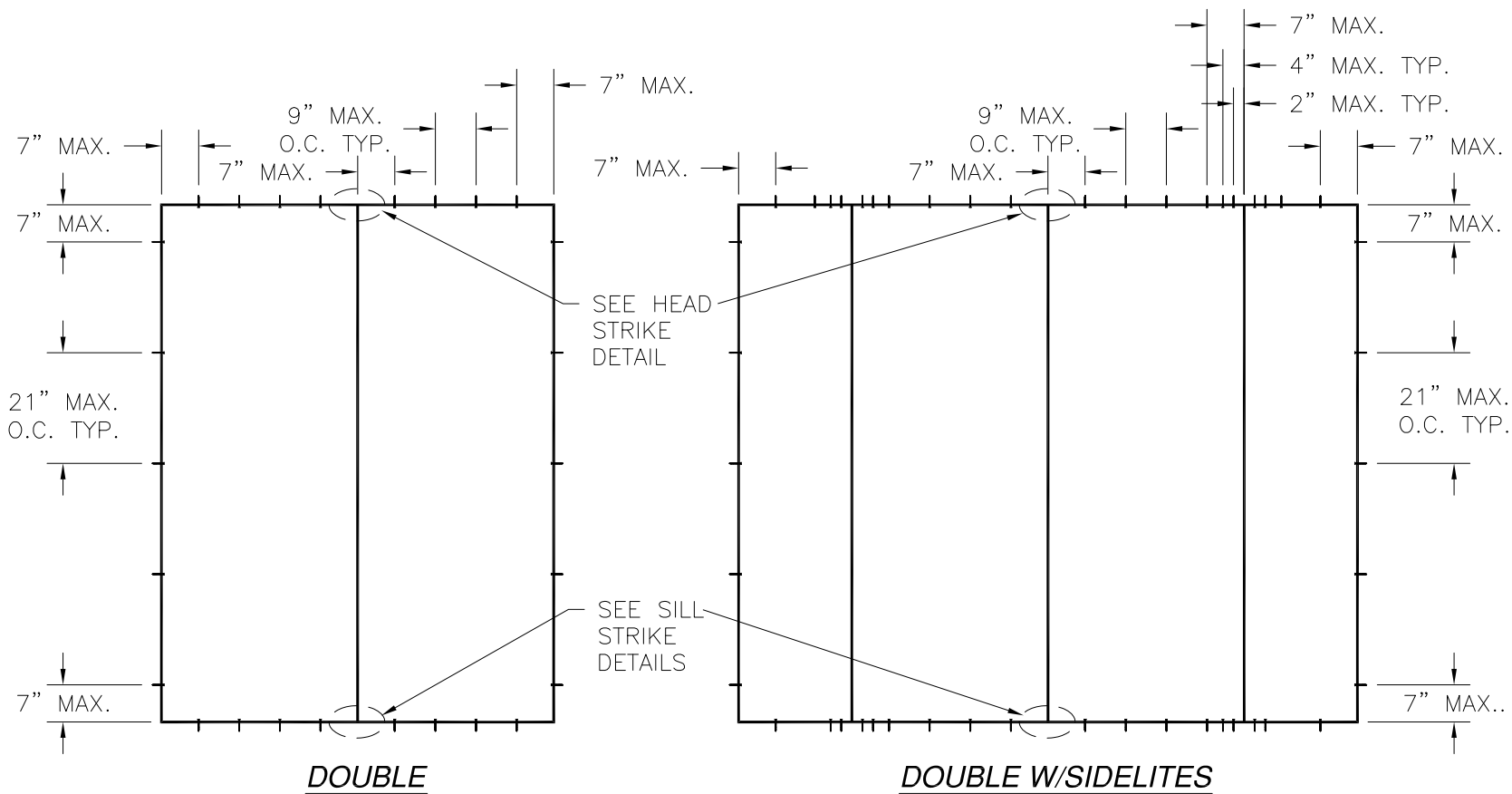
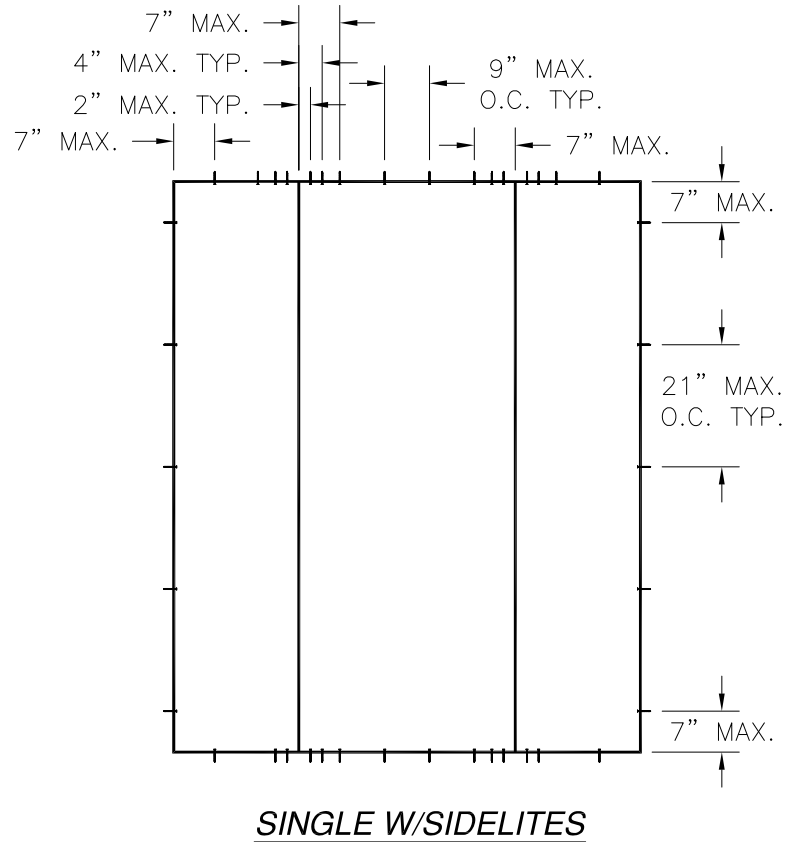
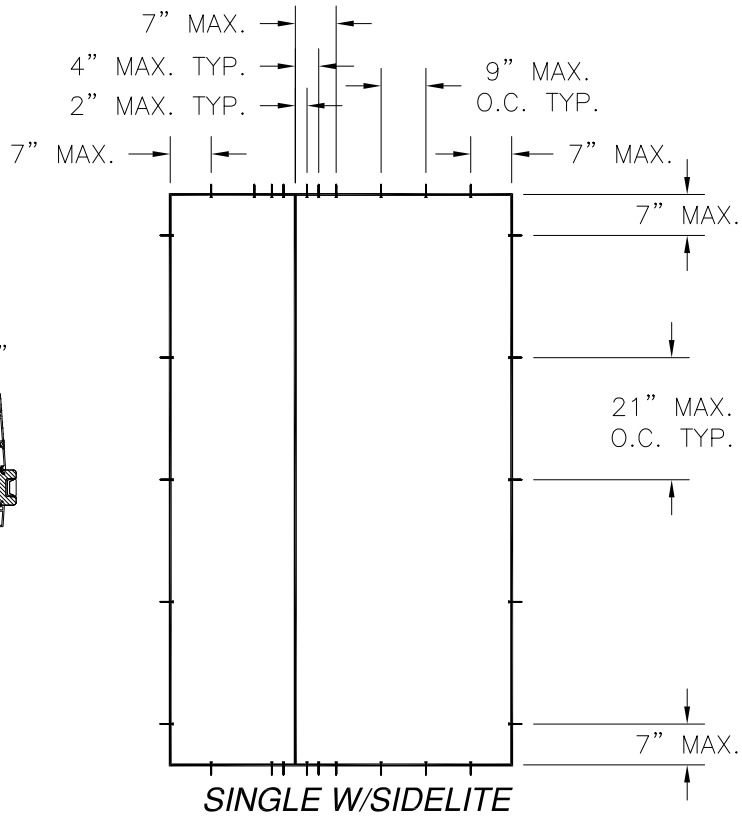
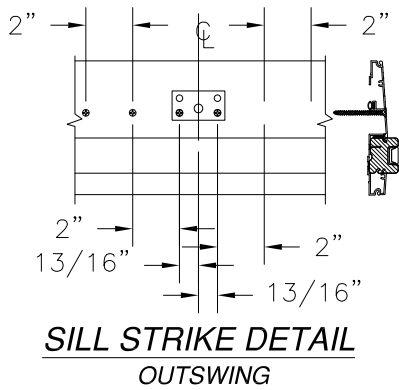
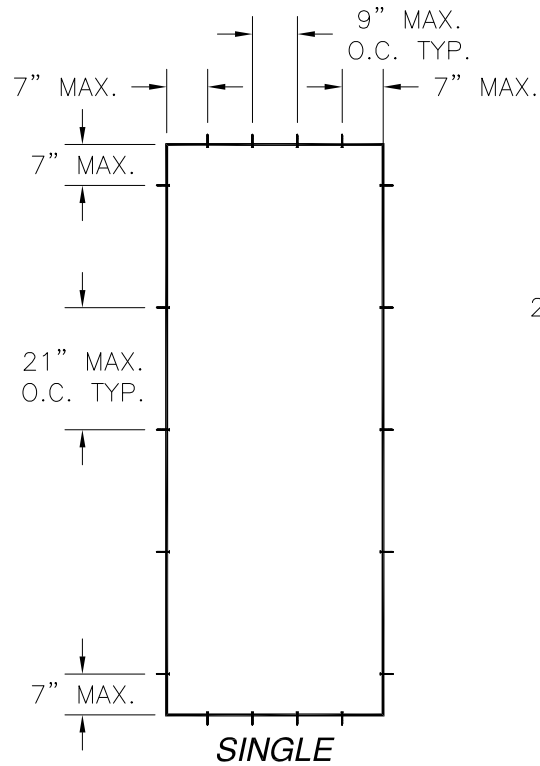
DATE
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SHEET
3 OF 32

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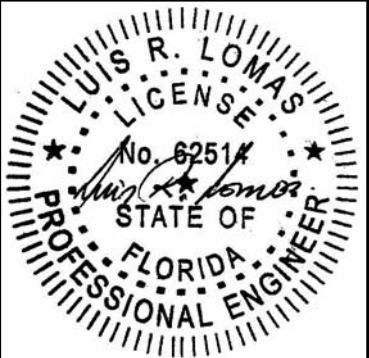
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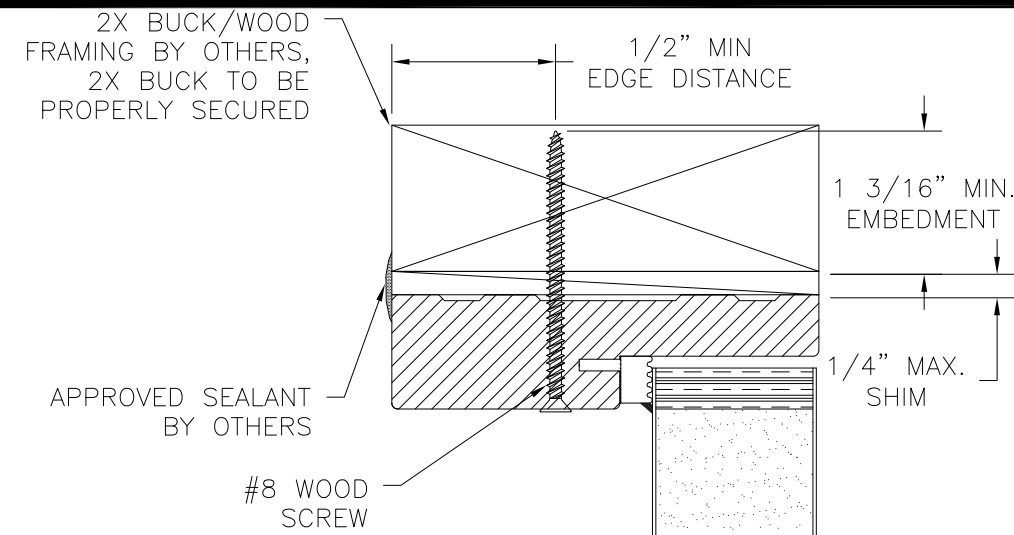


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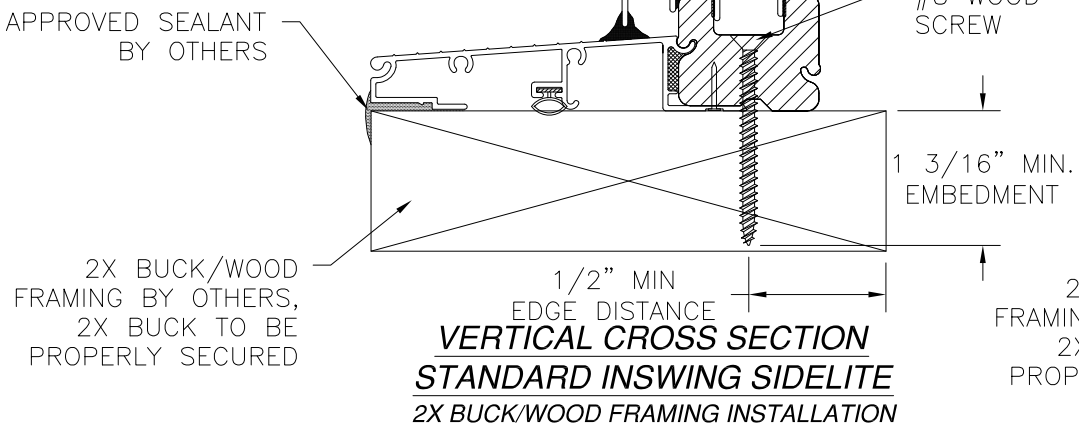
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT ANCHORING LAYOUTS & DETAILS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 4 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



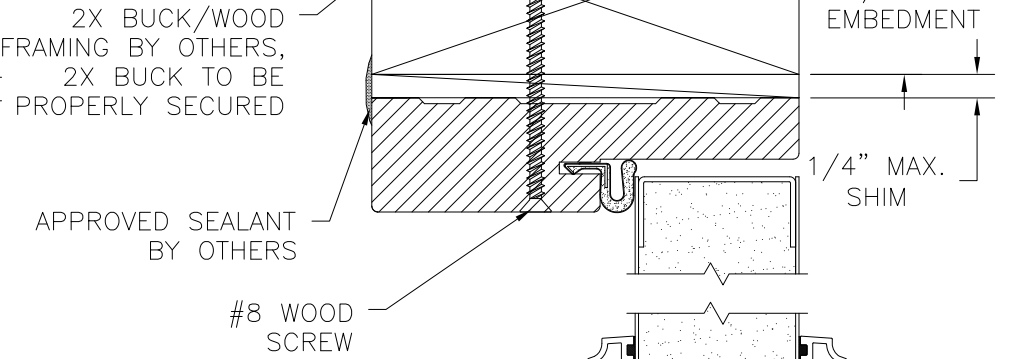
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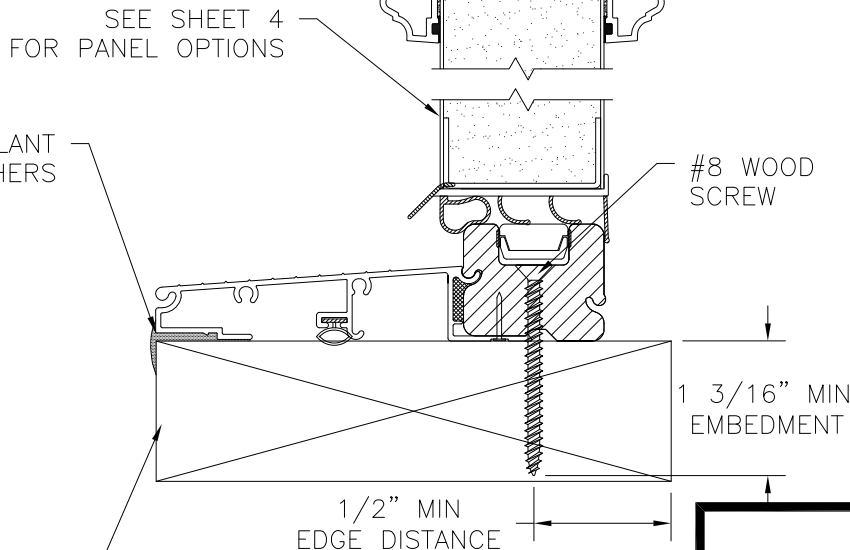
EXTERIOR INTERIOR



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

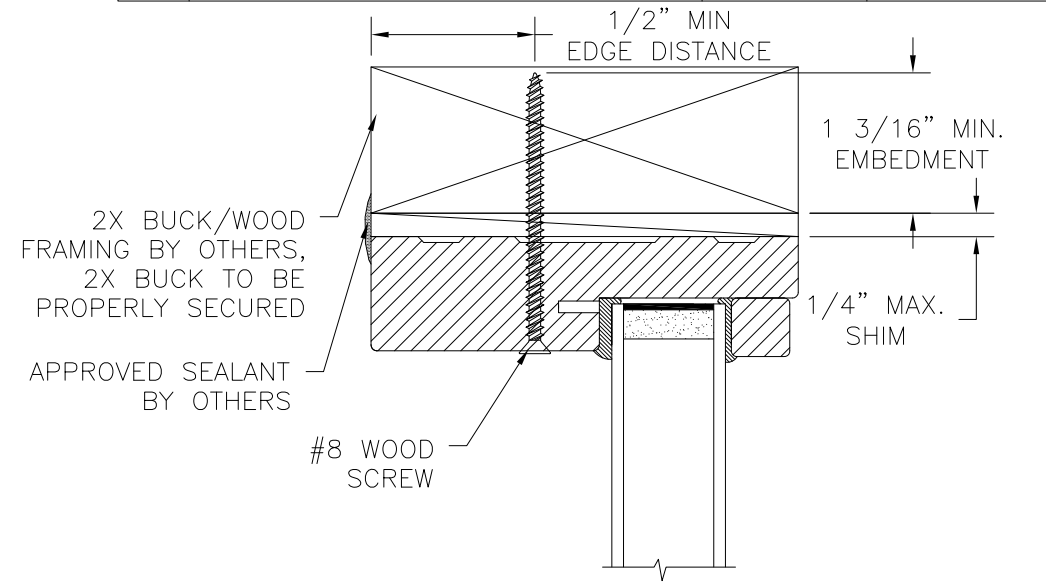


EXTERIOR INTERIOR

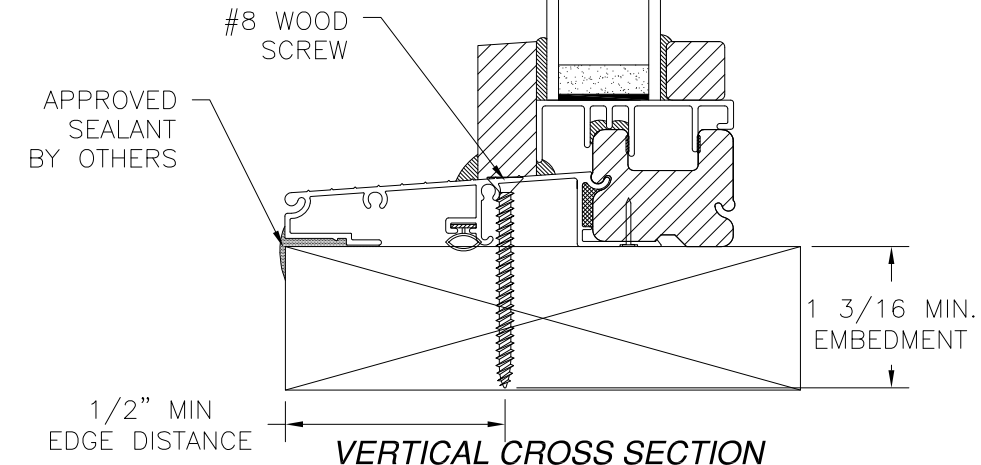


**VERTICAL CROSS SECTION
INSWING DOOR
2X BUCK/WOOD FRAMING INSTALLATION**

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EXTERIOR INTERIOR



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

SIGNED: 01/08/2020

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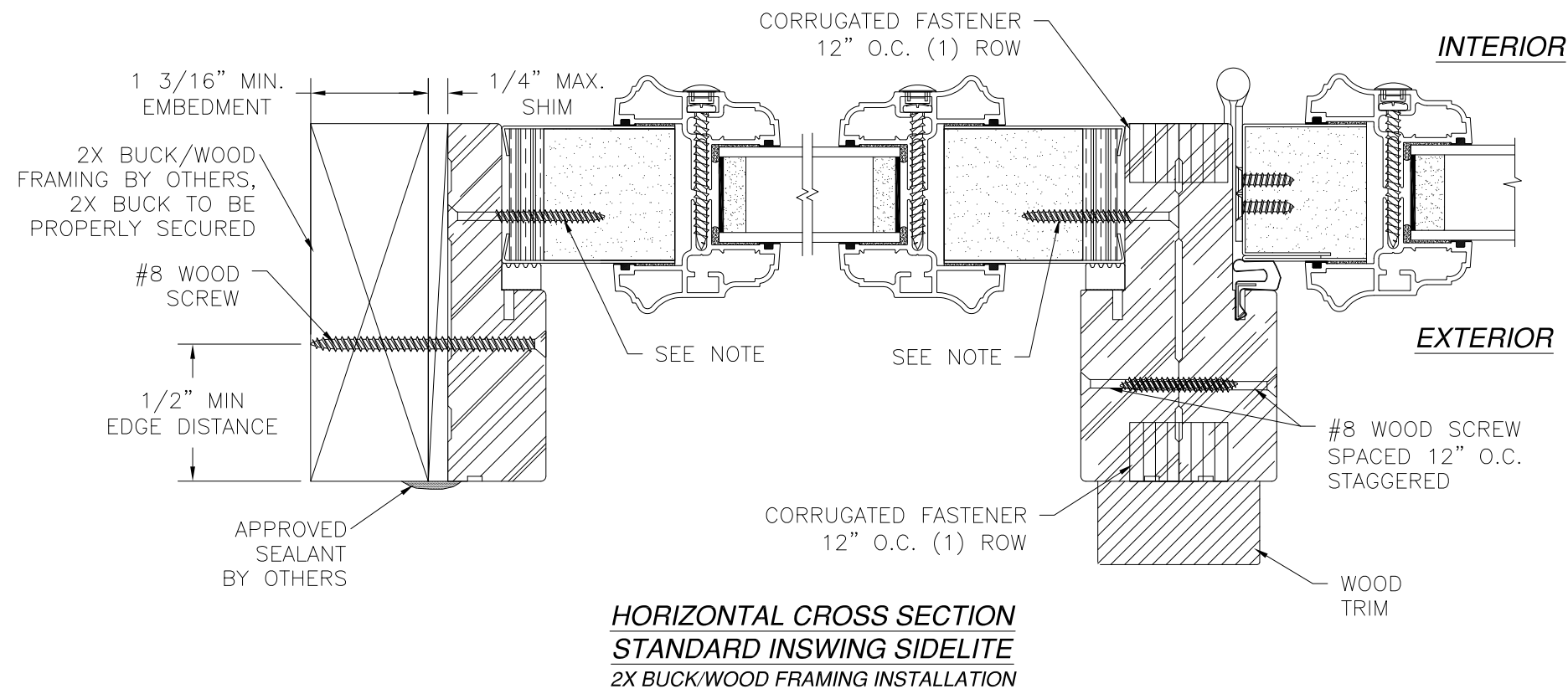
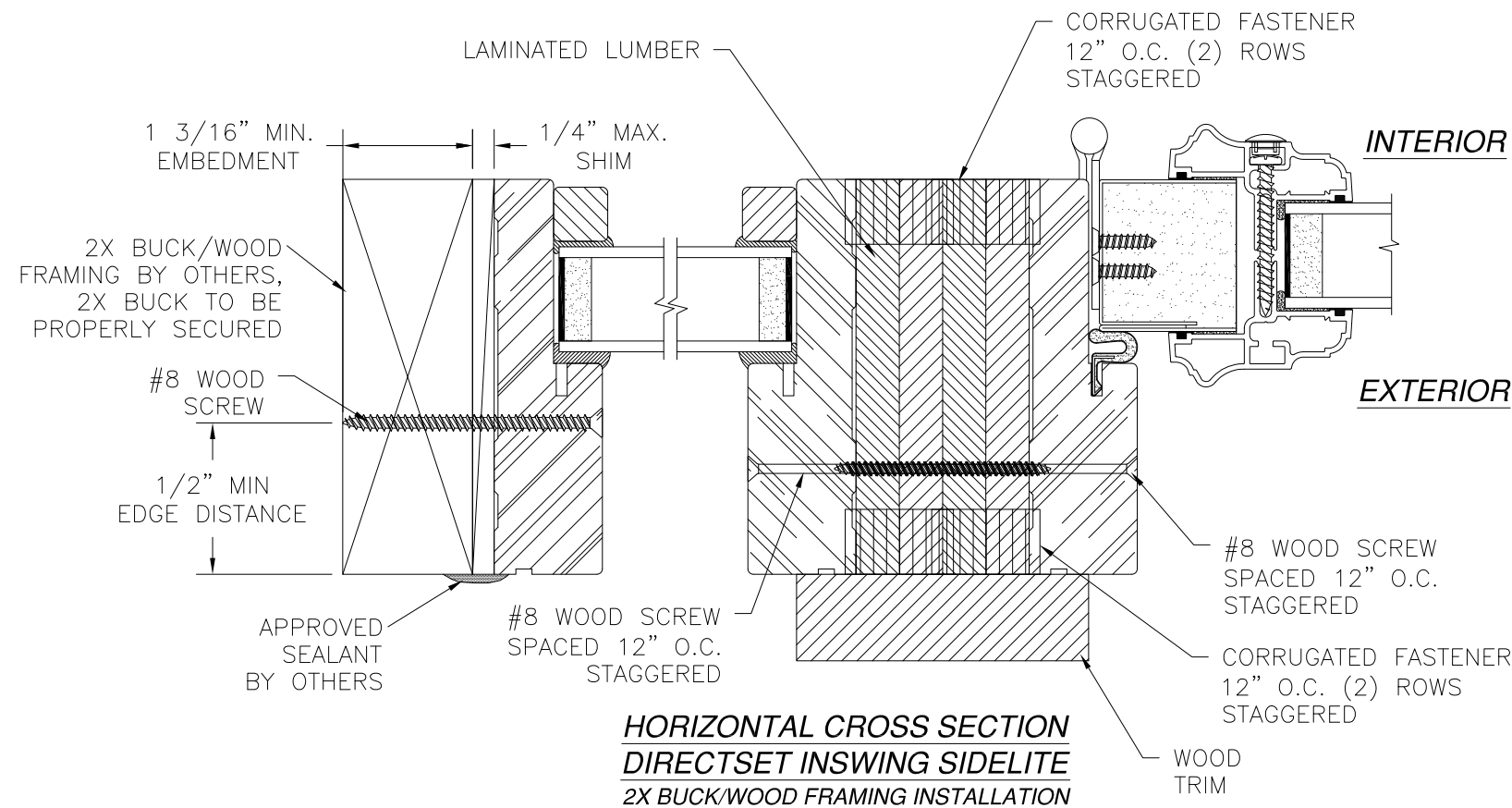
22GA. STEEL GLAZED DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
INSWING INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 5 OF 32

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STATE OF
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PROFESSIONAL ENGINEER

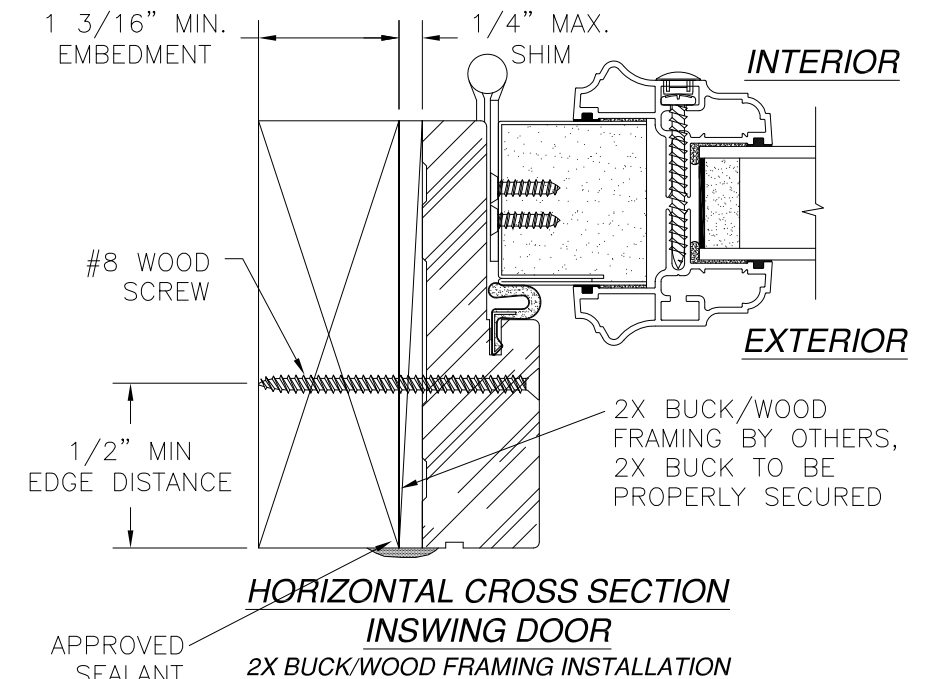
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FL No.: 62514



STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

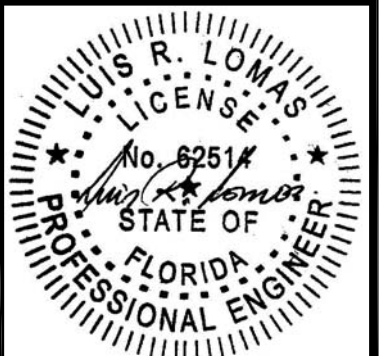
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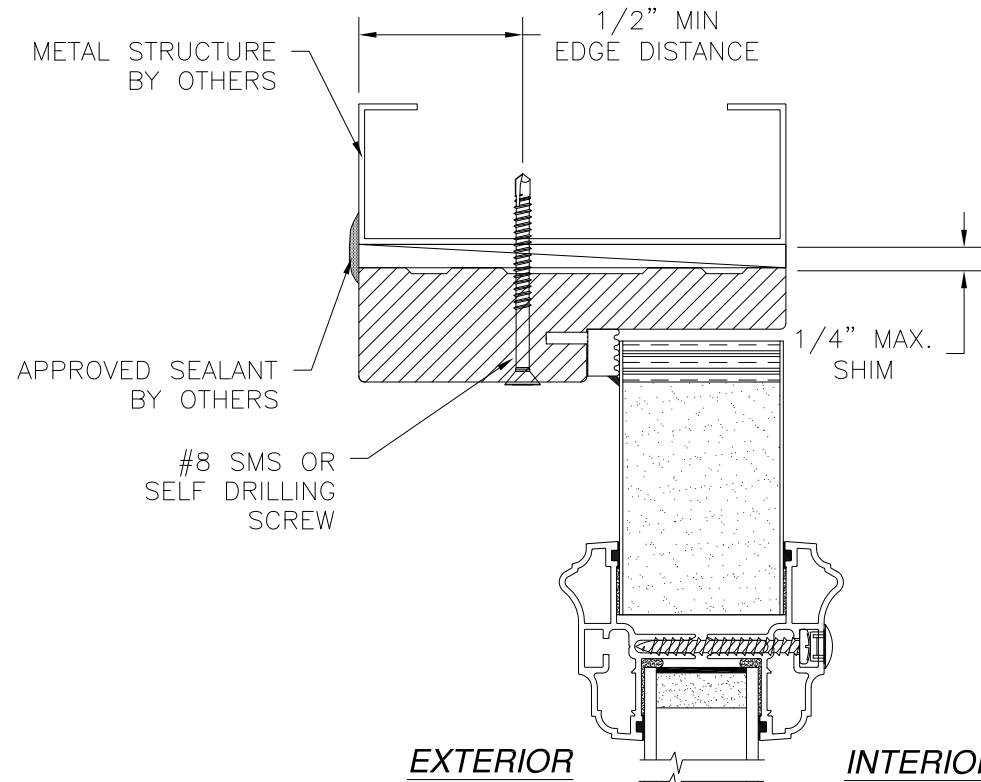


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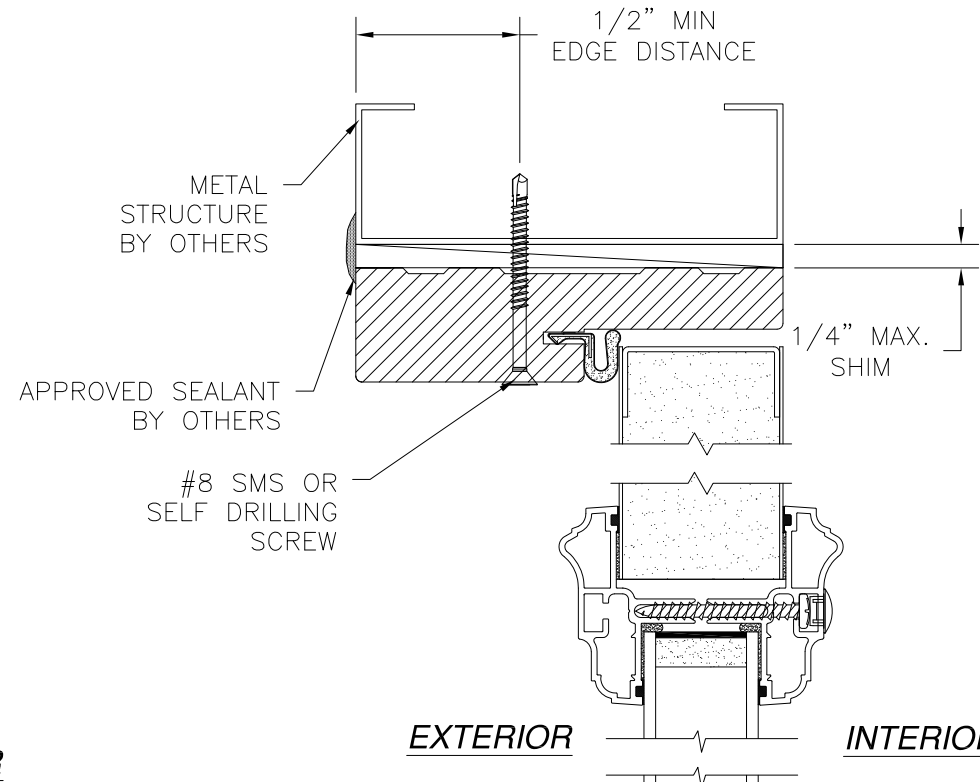
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 6 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



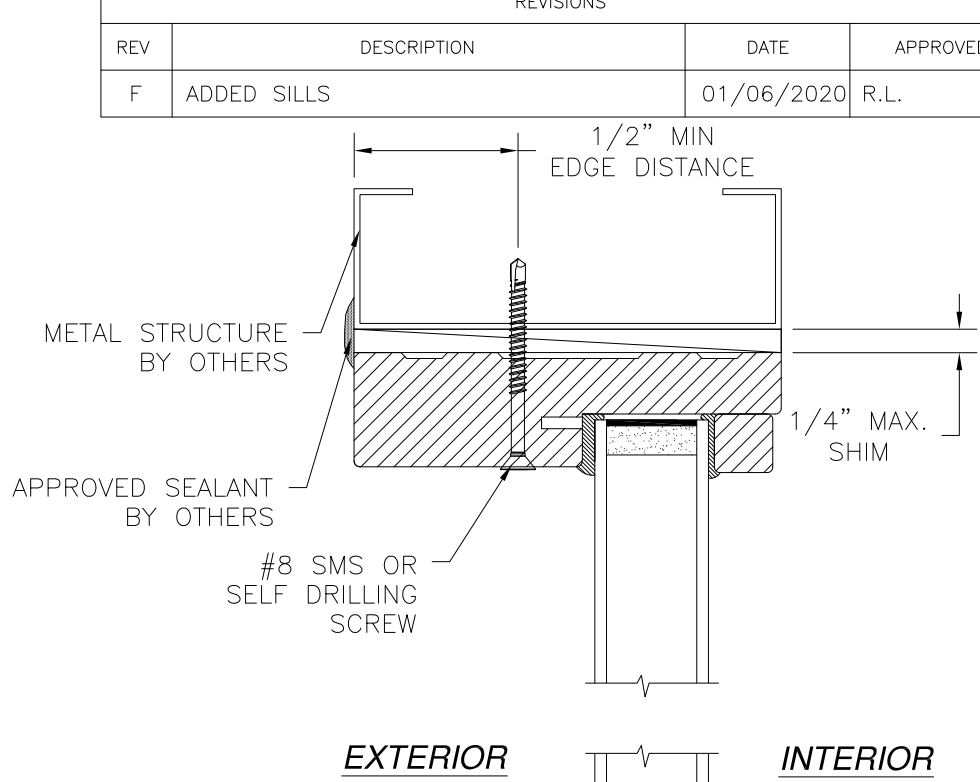
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**VERTICAL CROSS SECTION
STANDARD INSWING SIDELITE
METAL STRUCTURE INSTALLATION**



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



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

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

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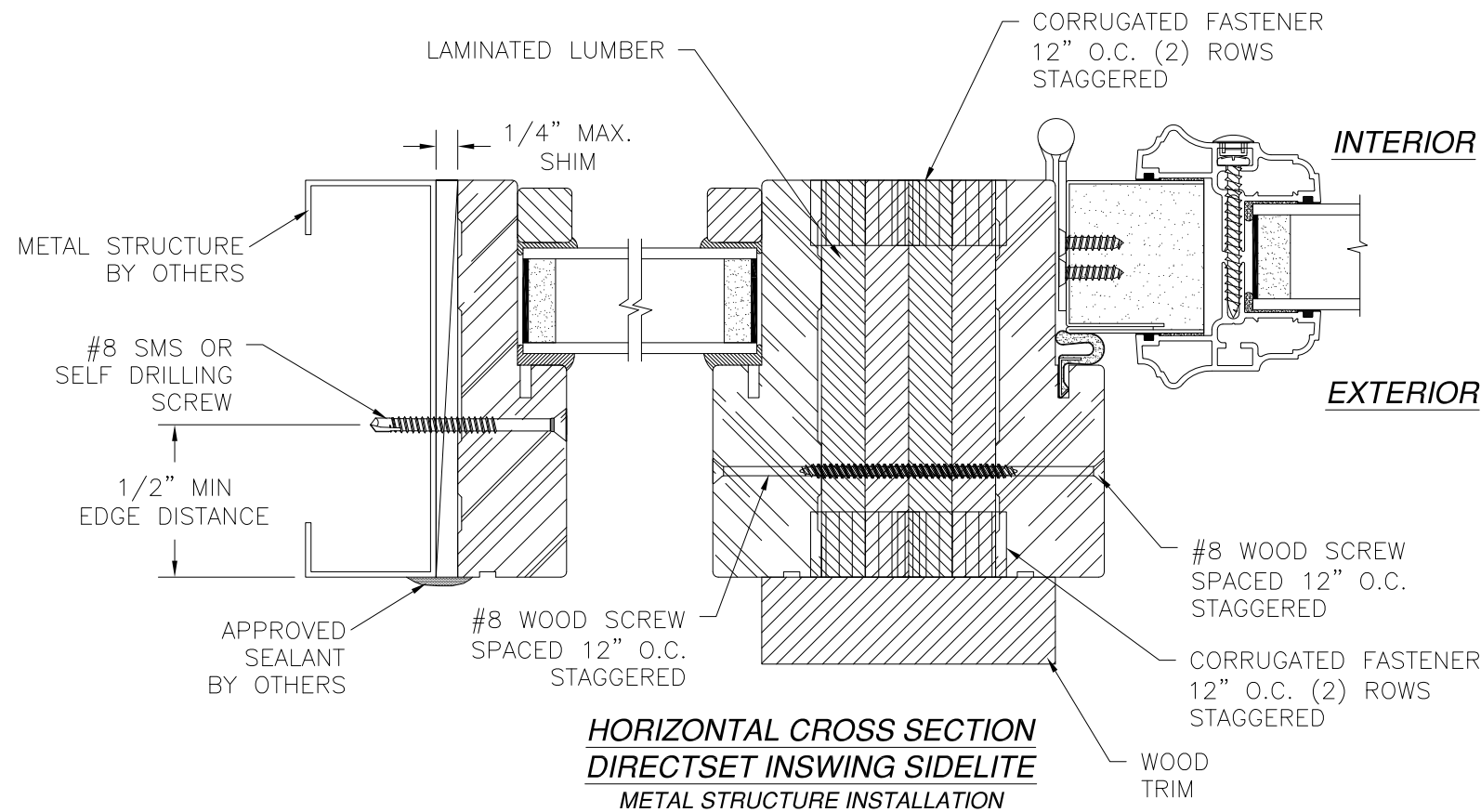
22GA. STEEL GLAZED DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
INSWING INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 7 OF 32

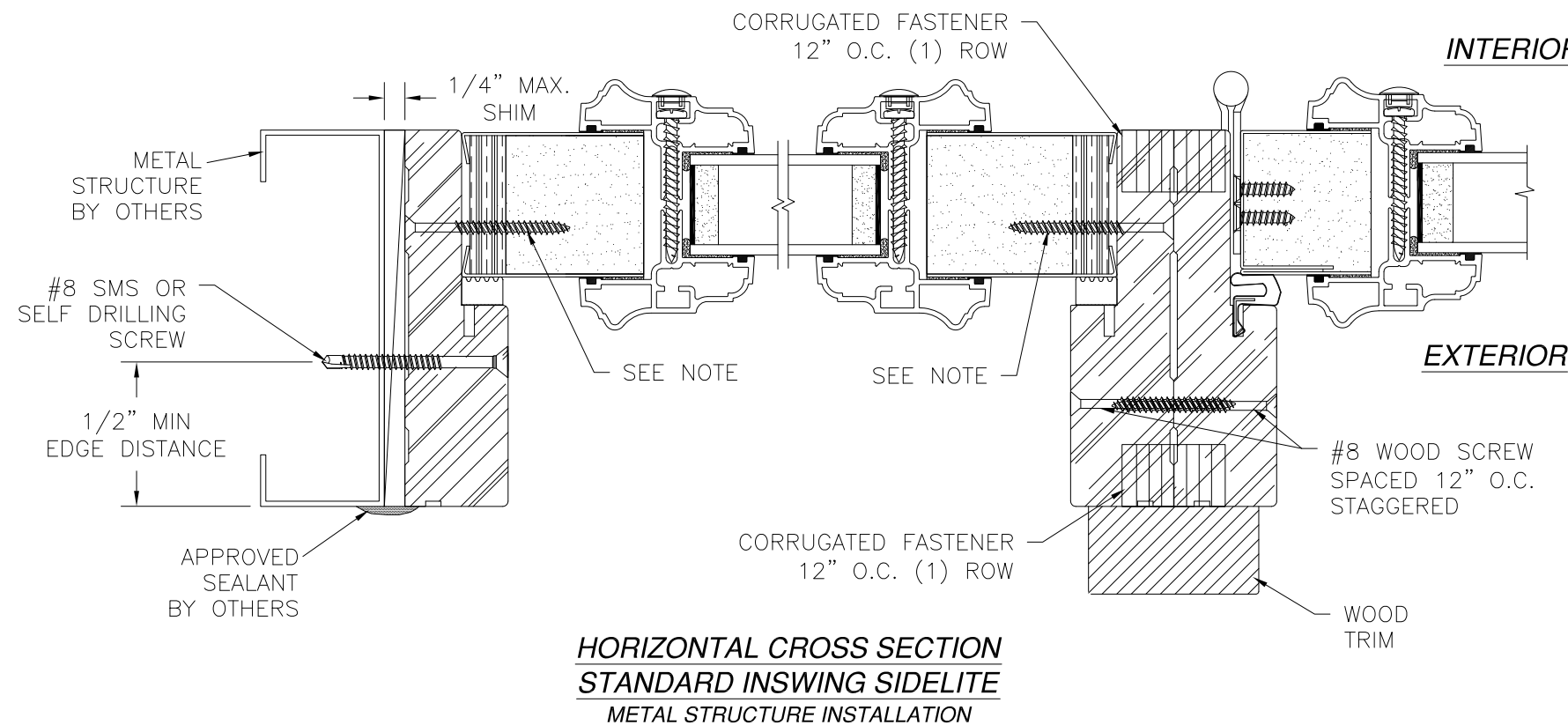
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SIGNED: 01/08/2020

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**HORIZONTAL CROSS SECTION
DIRECTSET INSWING SIDELITE
METAL STRUCTURE INSTALLATION**



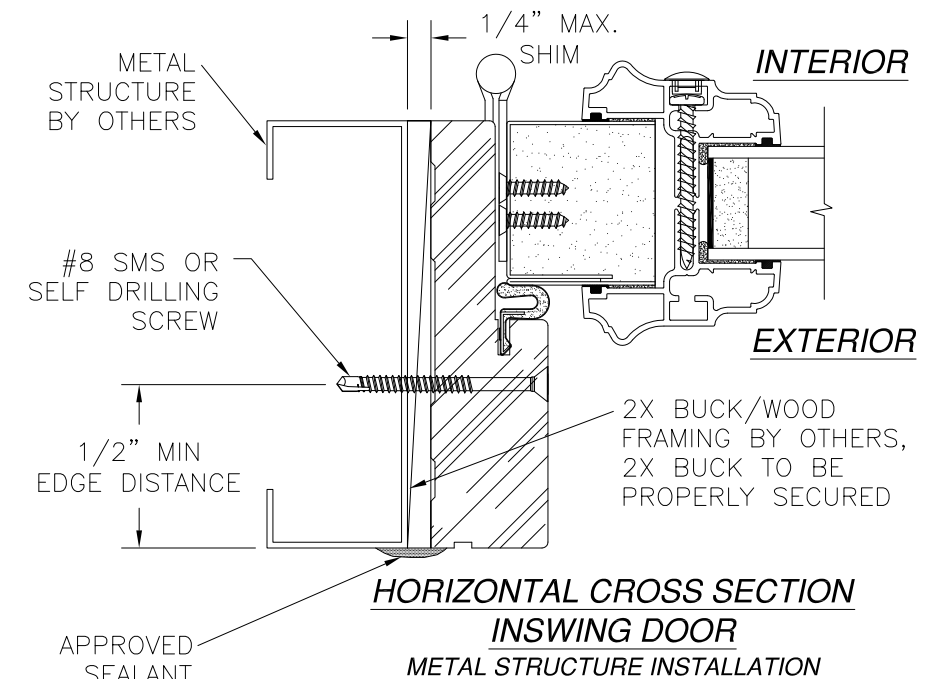
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STANDARD INSWING SIDELITE
METAL STRUCTURE INSTALLATION**

NOTES:

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STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

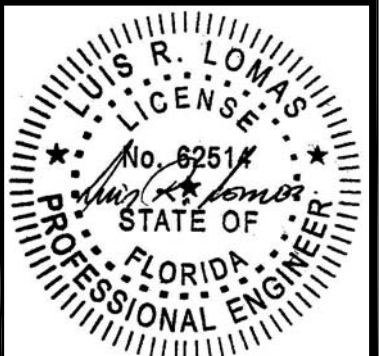
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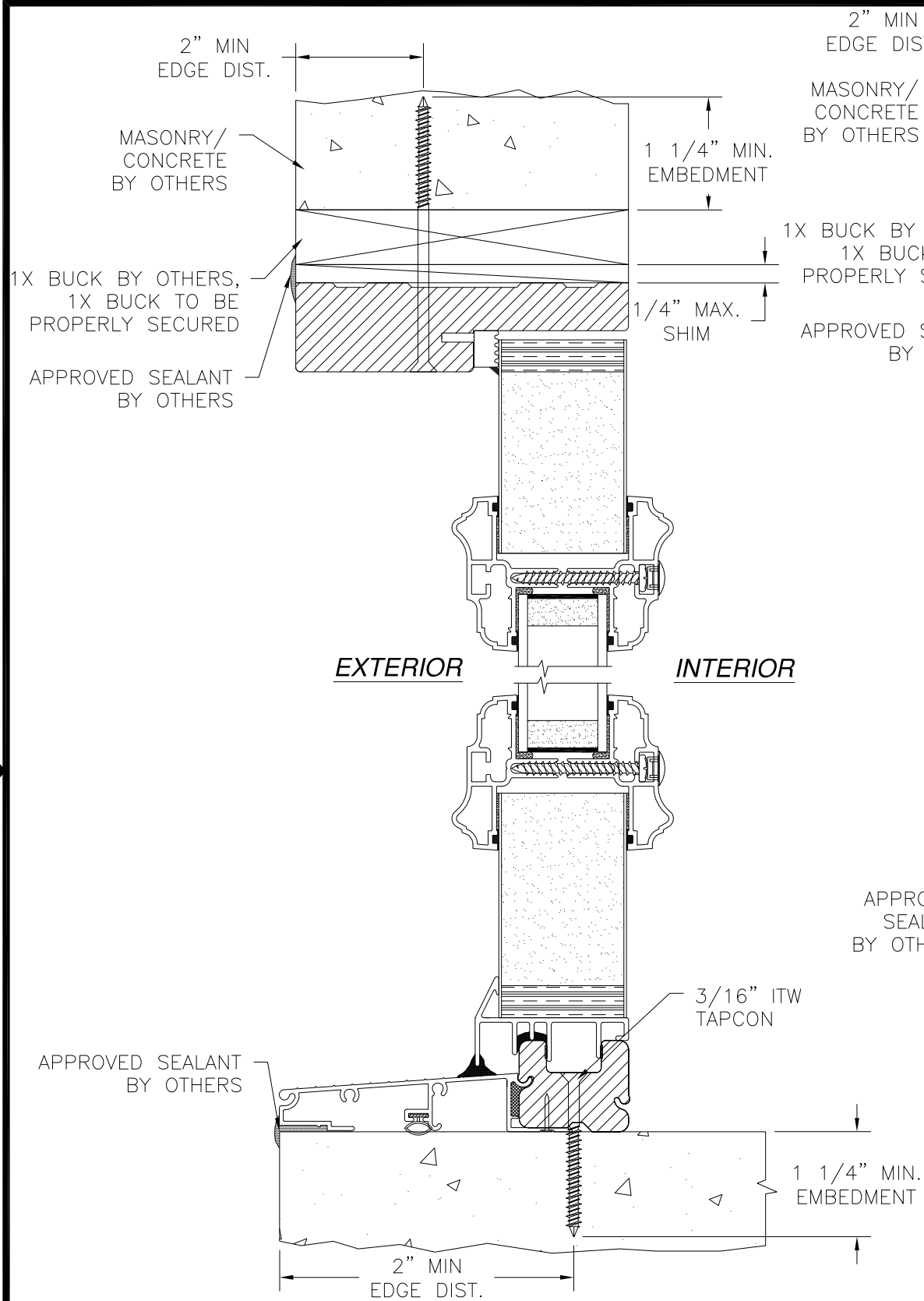
**HORIZONTAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION**

SIGNED: 01/08/2020

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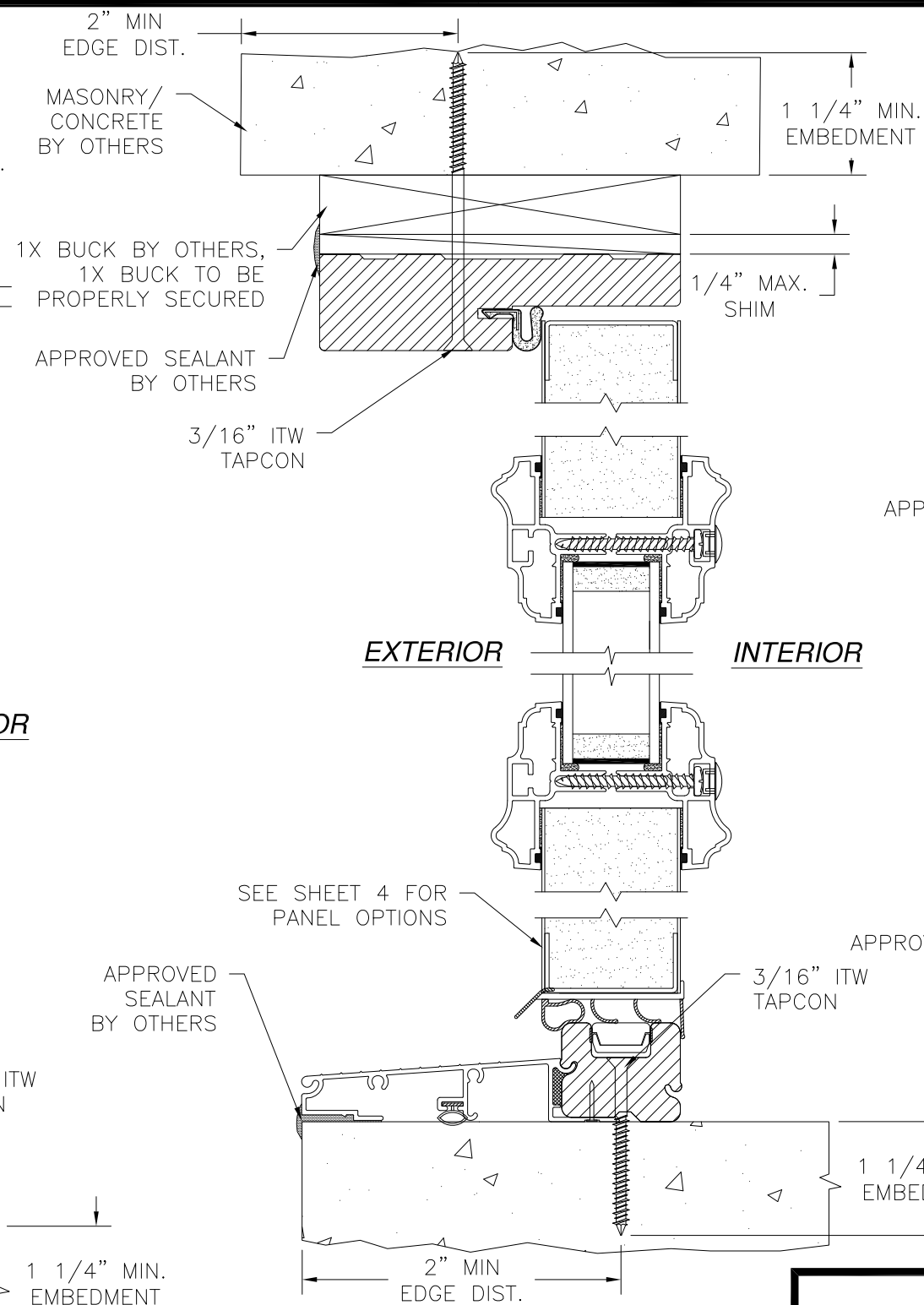


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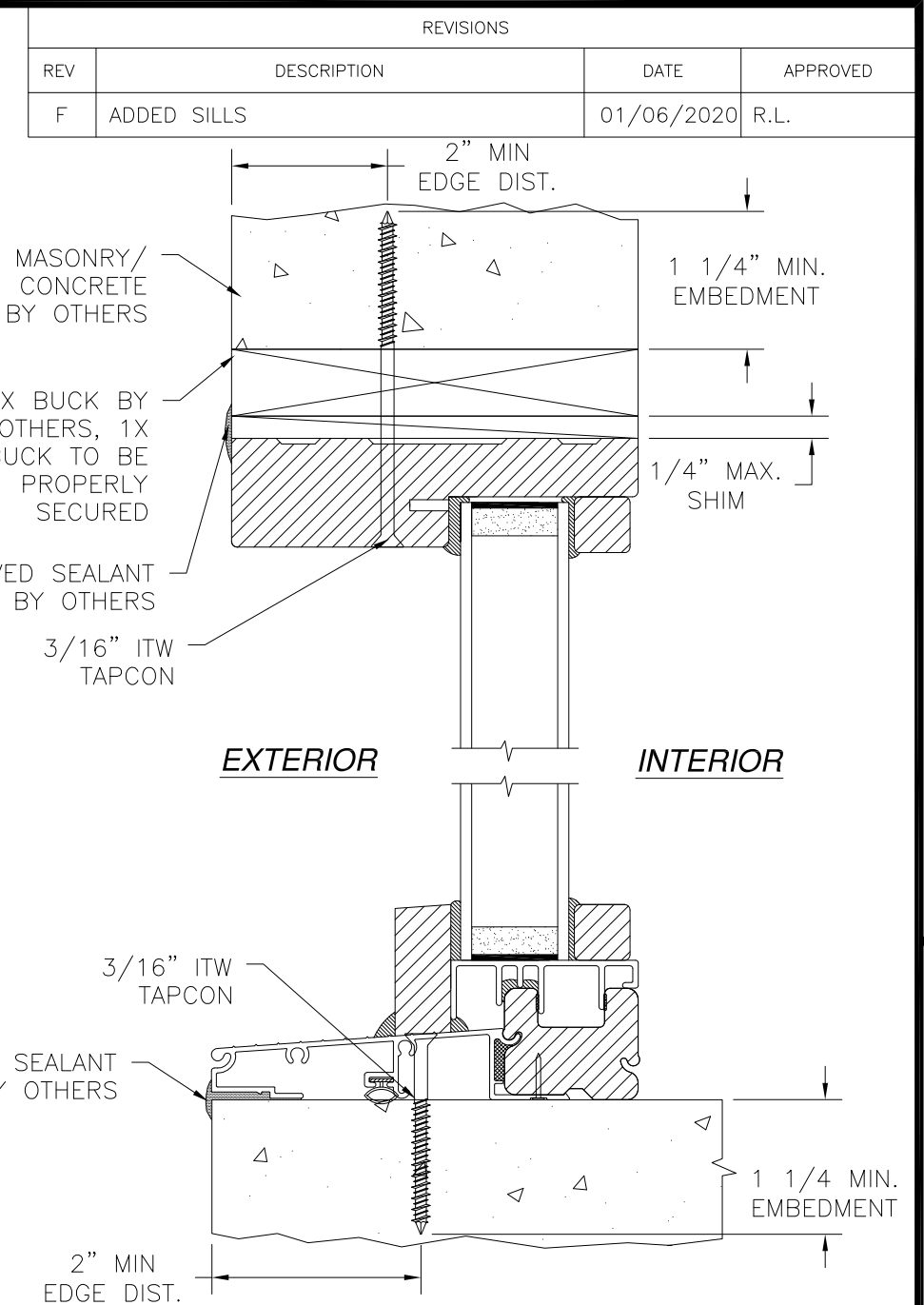


**VERTICAL CROSS SECTION
INSWING STANDARD SIDELITE
MASONRY/CONCRETE INSTALLATION**

- NOTES:**
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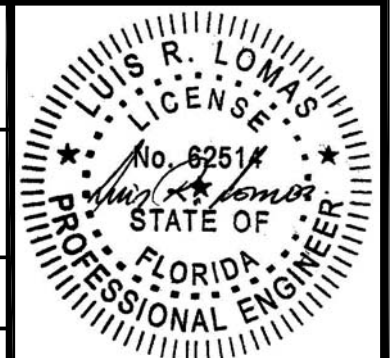


**VERTICAL CROSS SECTION
INSWING DOOR
MASONRY/CONCRETE INSTALLATION**

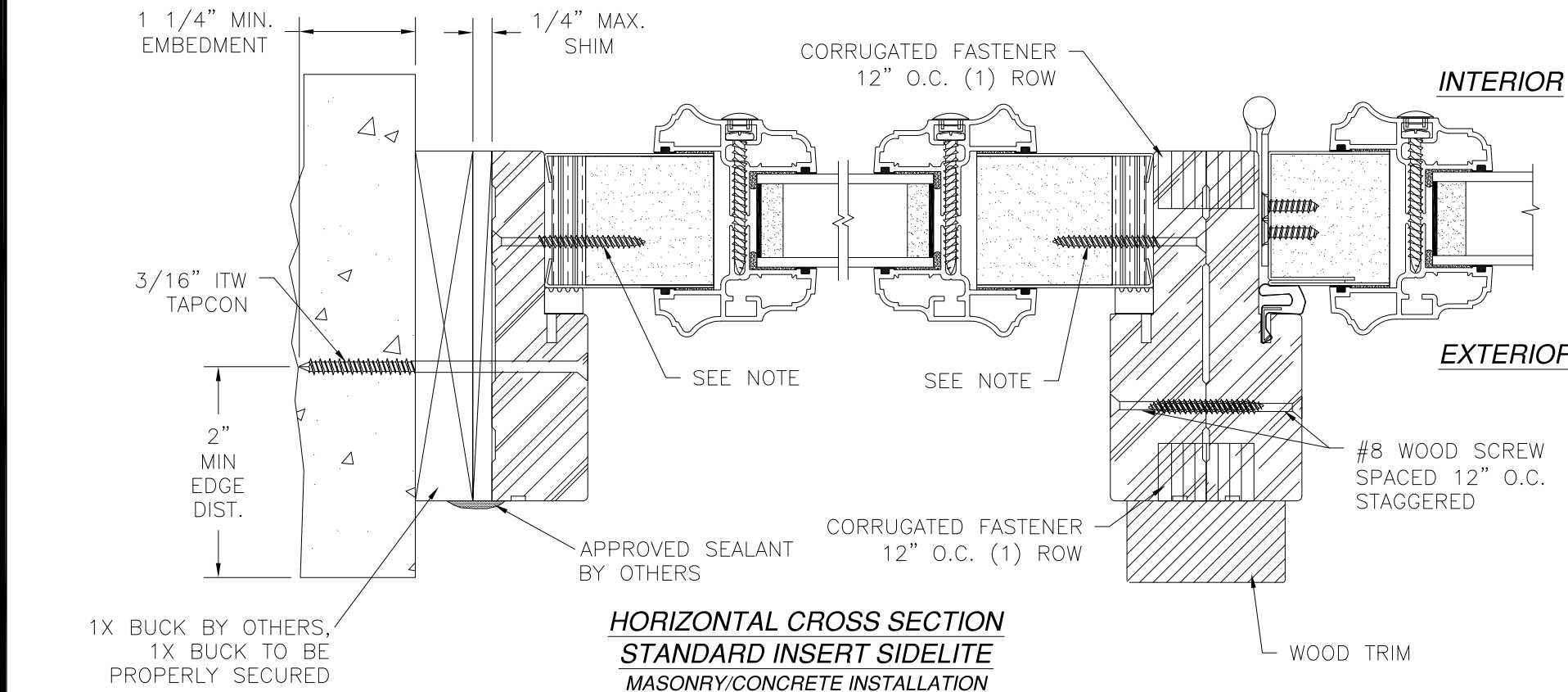
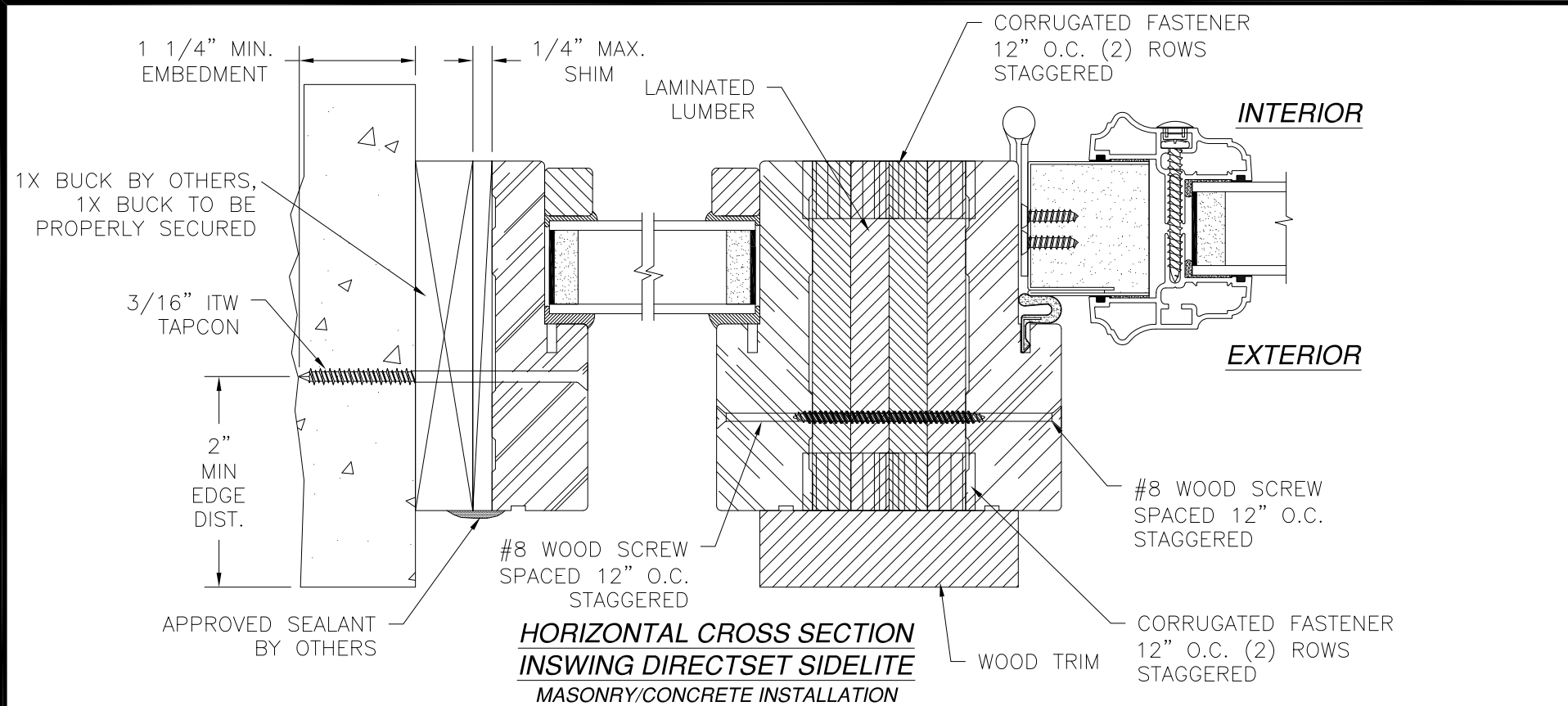


**VERTICAL CROSS SECTION
INSWING DIRECTSET SIDELITE
MASONRY/CONCRETE INSTALLATION SIGNED: 01/08/2020**

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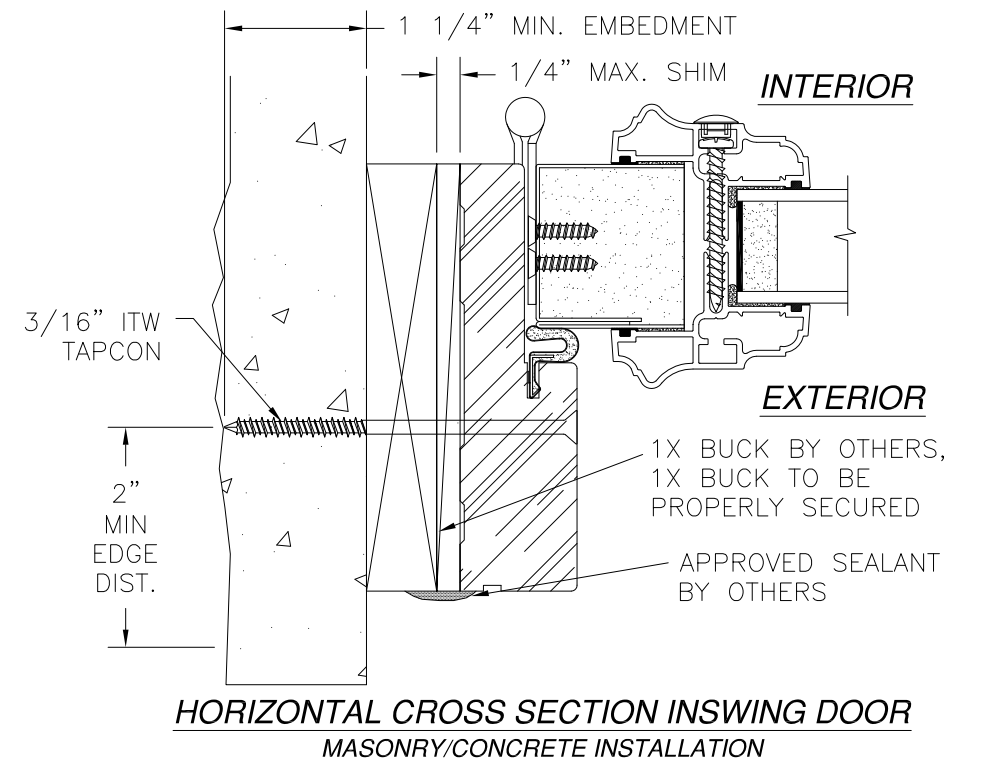
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STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
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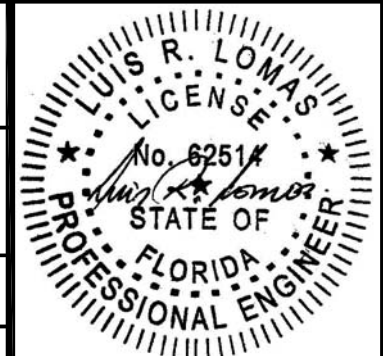
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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



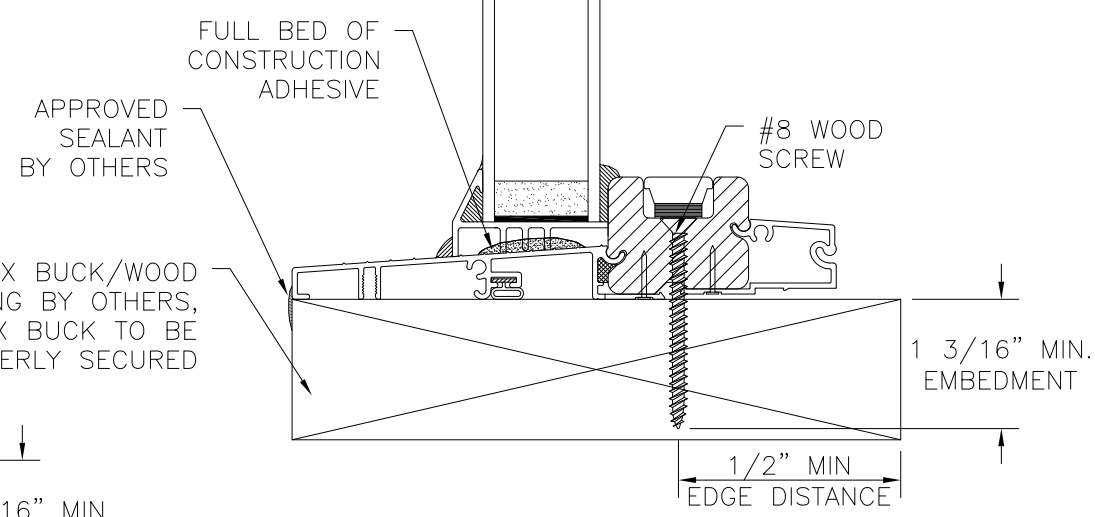
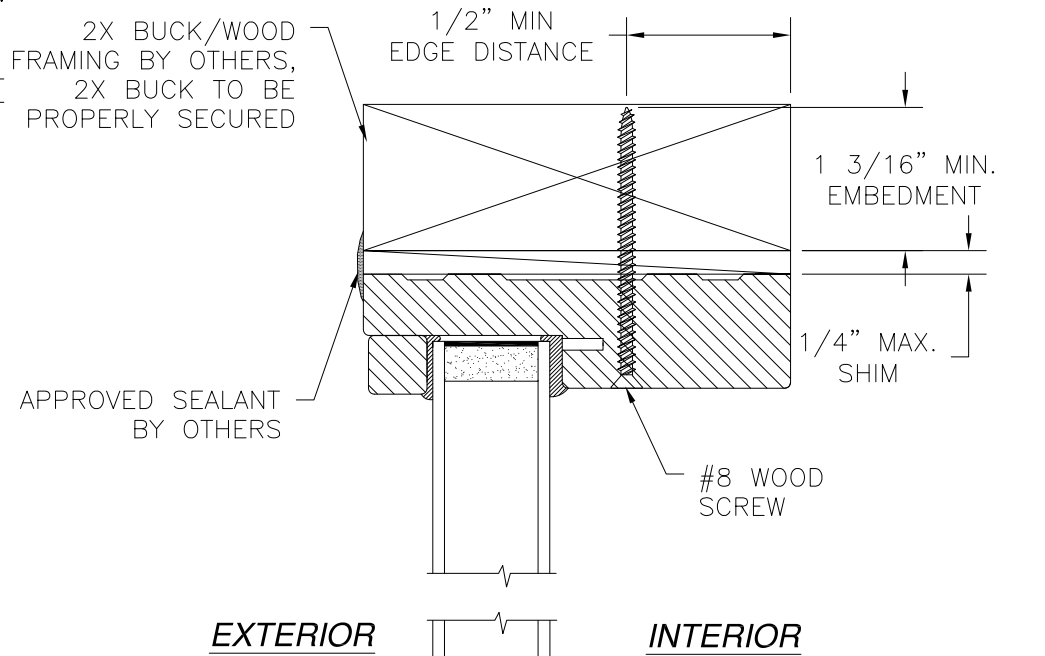
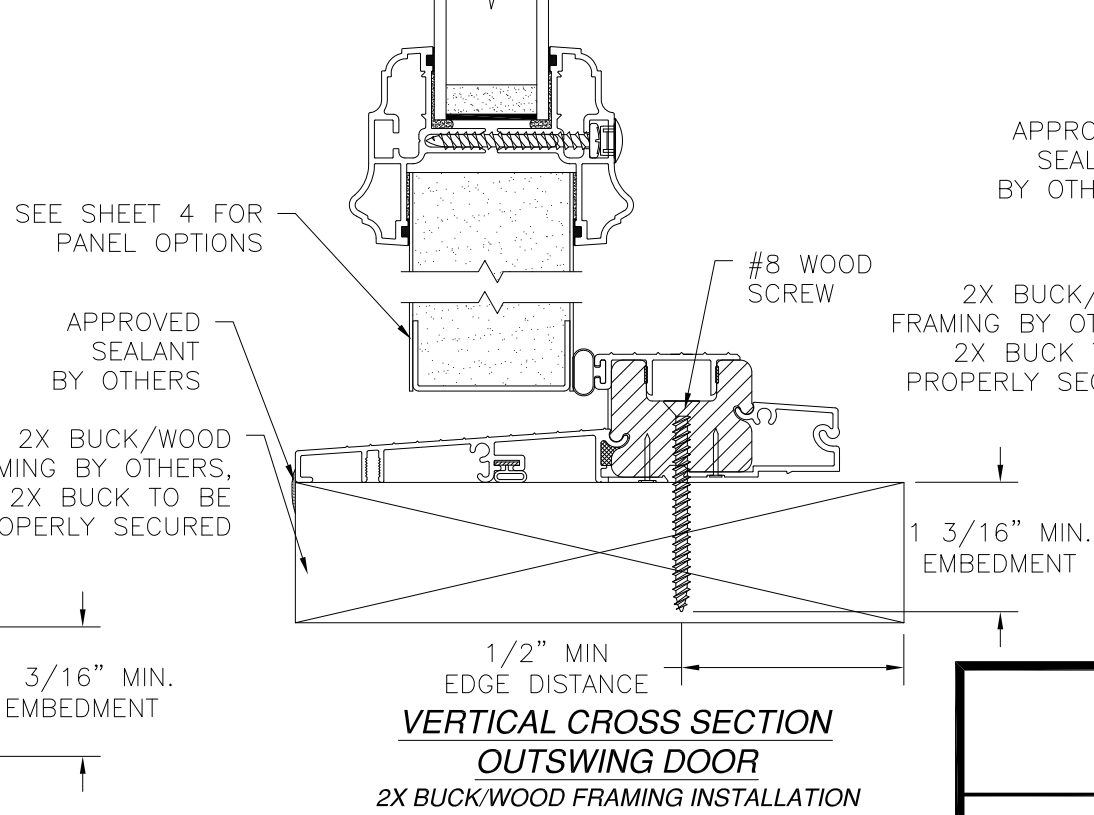
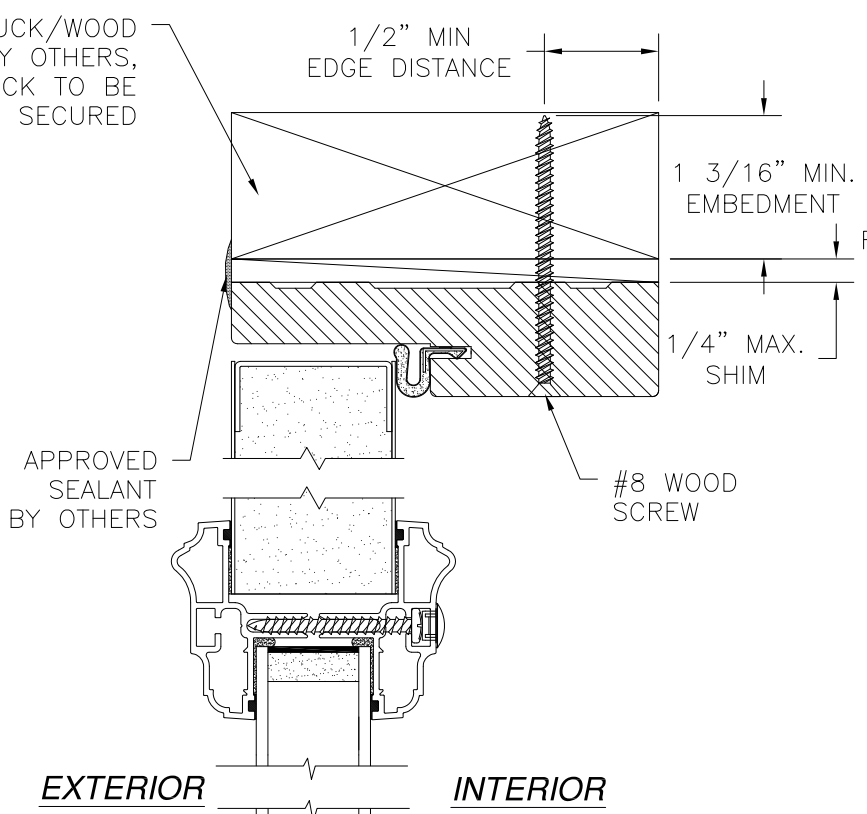
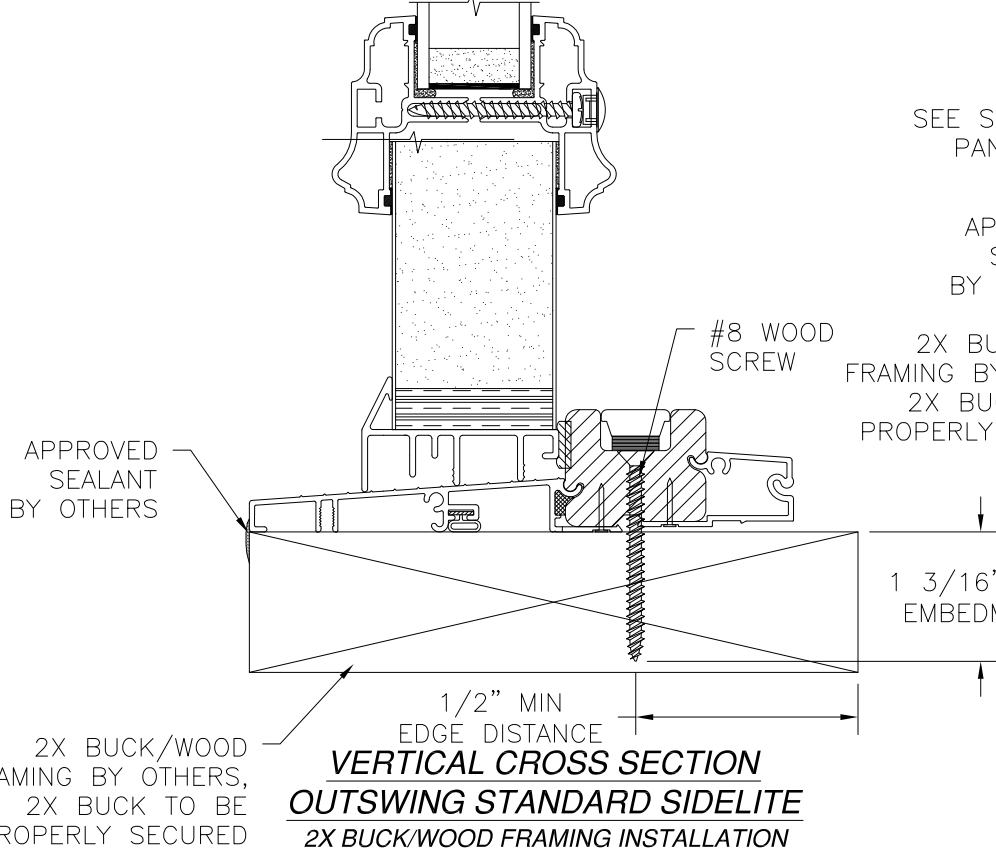
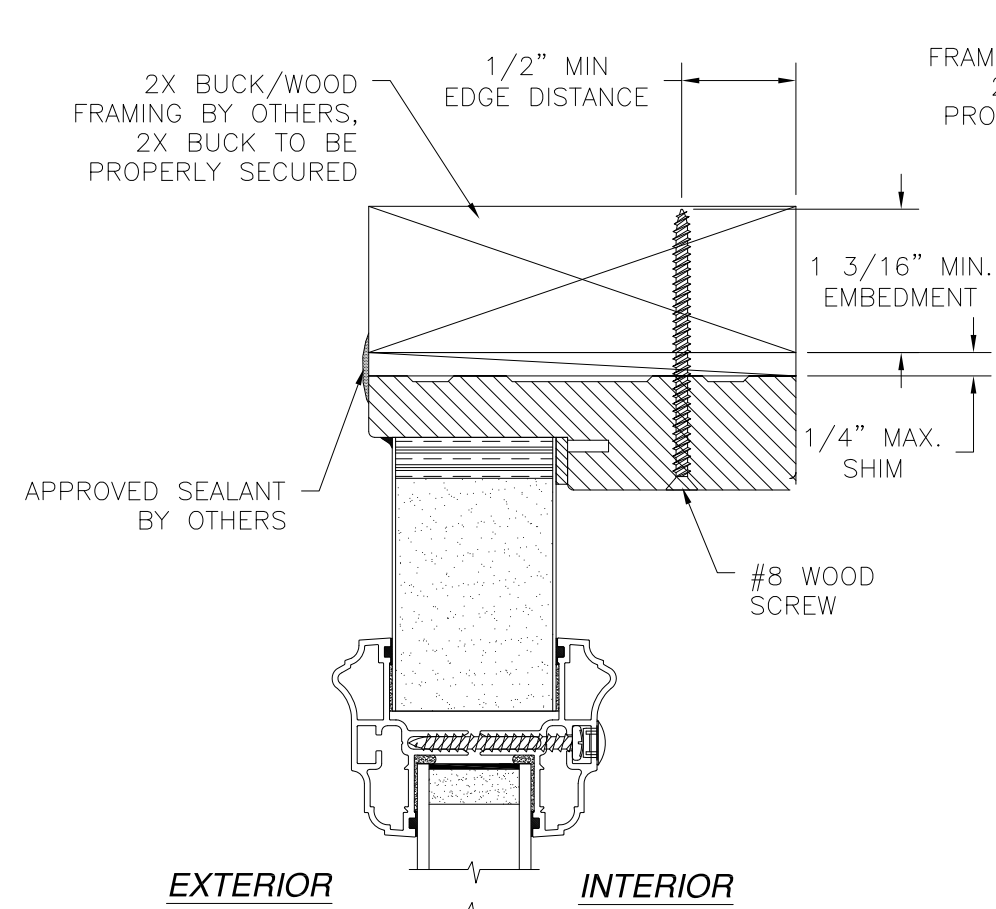
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 10 OF 32
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
F	ADDED SILLS	01/06/2020	R.L.



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

SIGNED: 01/08/2020

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

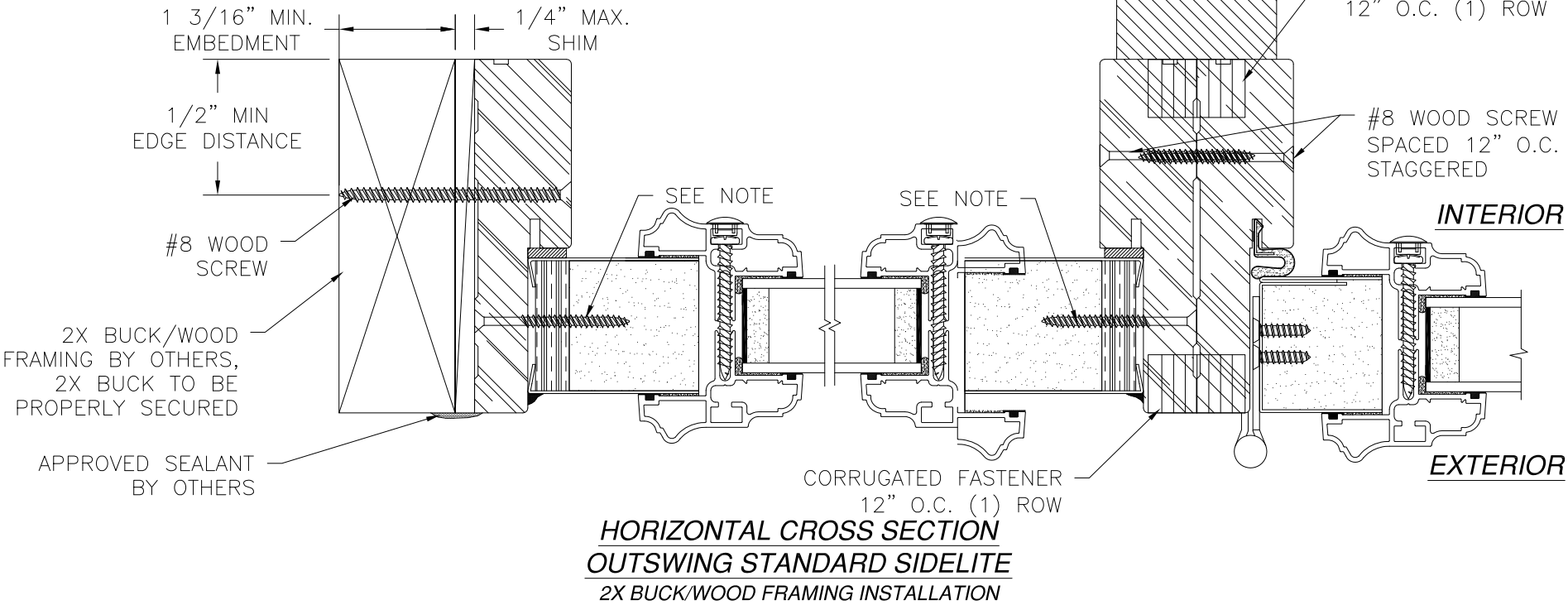
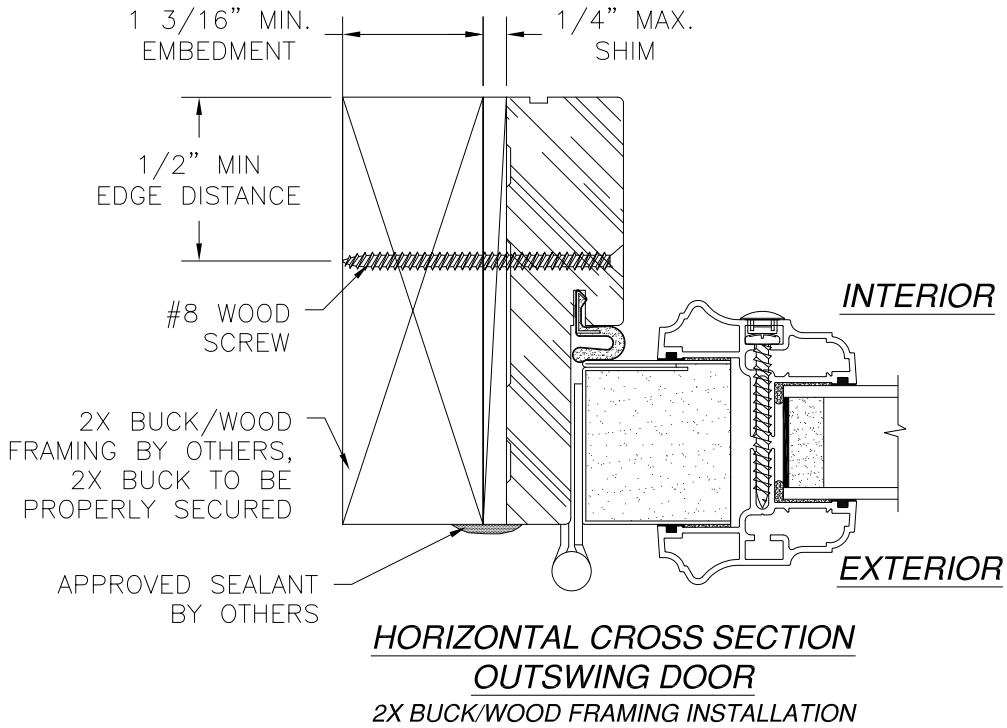
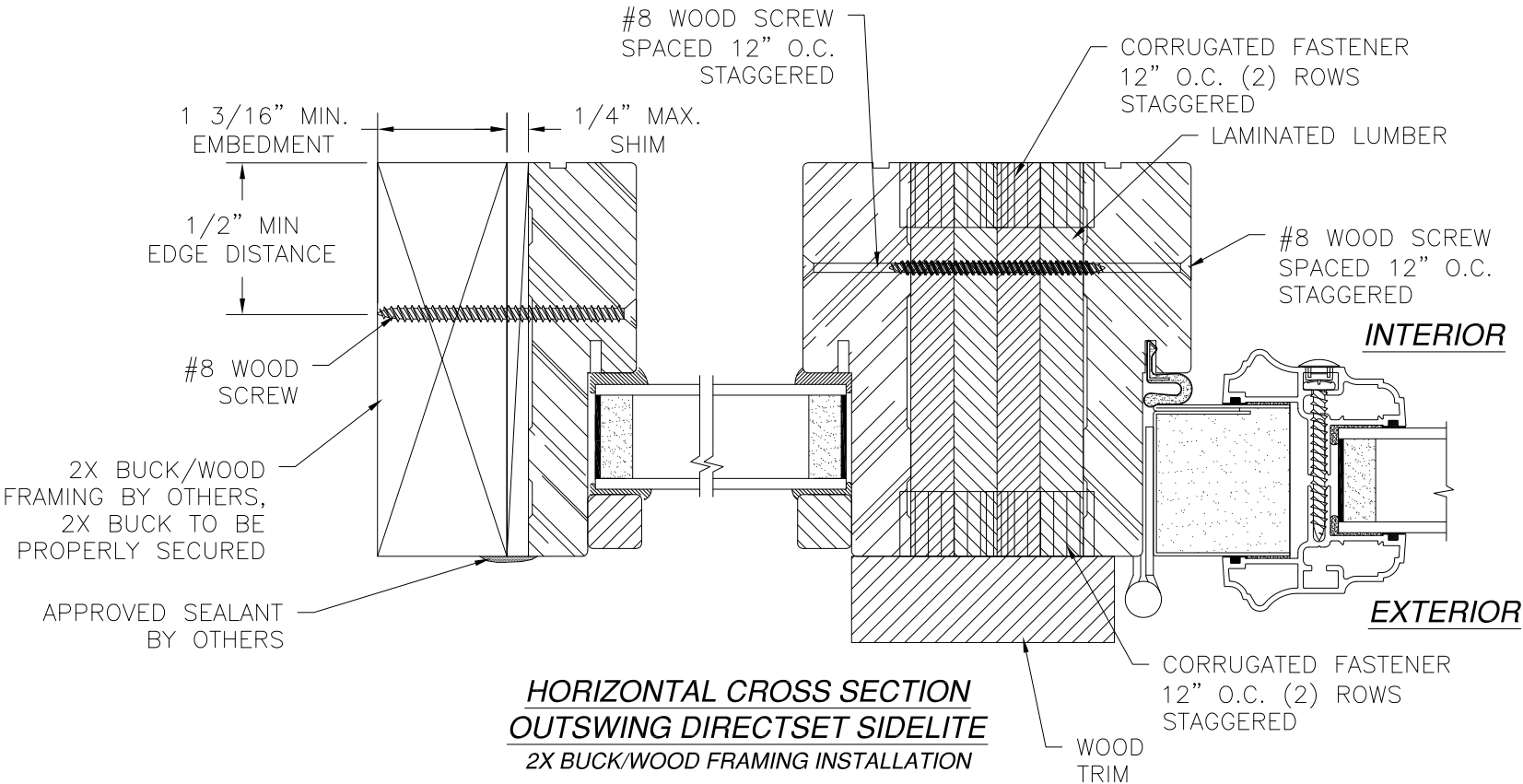
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 11 OF 32

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

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

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

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



STANDARD SIDELITE PANEL ATTACHMENT:
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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:

TJH

DWG NO.

08-00983

REV

F

SCALE

NTS

DATE

04/23/10

SHEET

12 OF 32

L. ROBERTO LOMAS P.E.

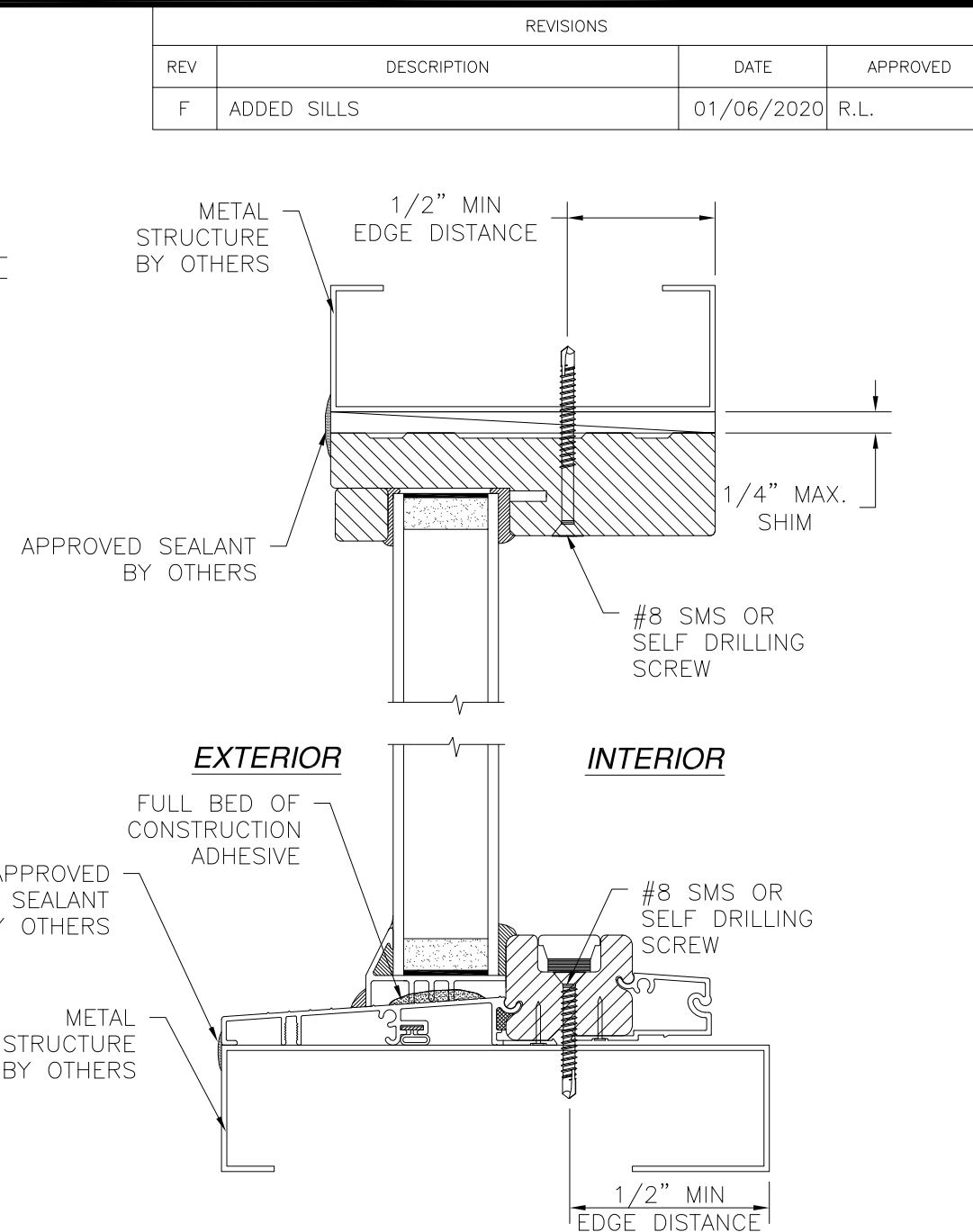
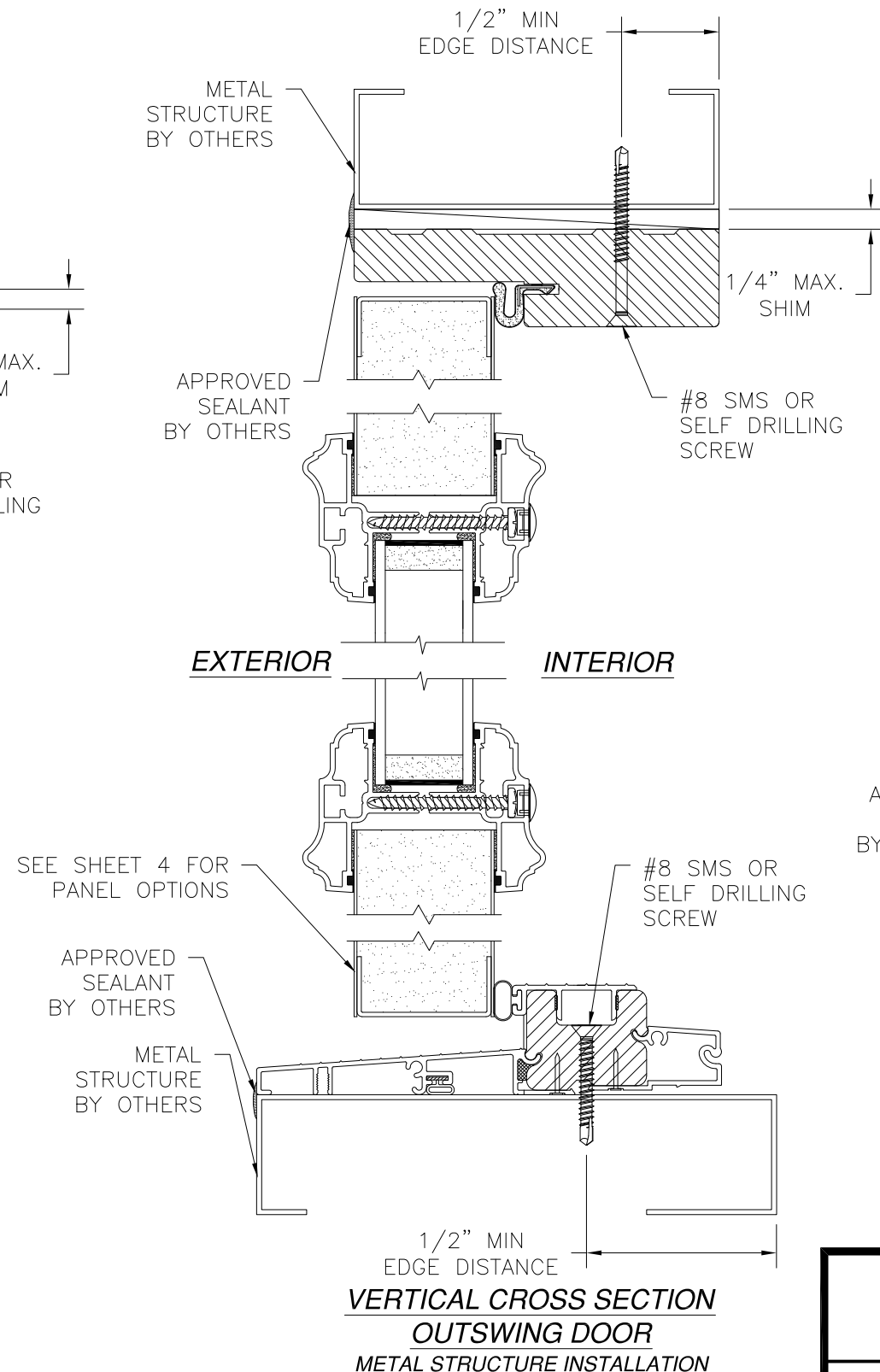
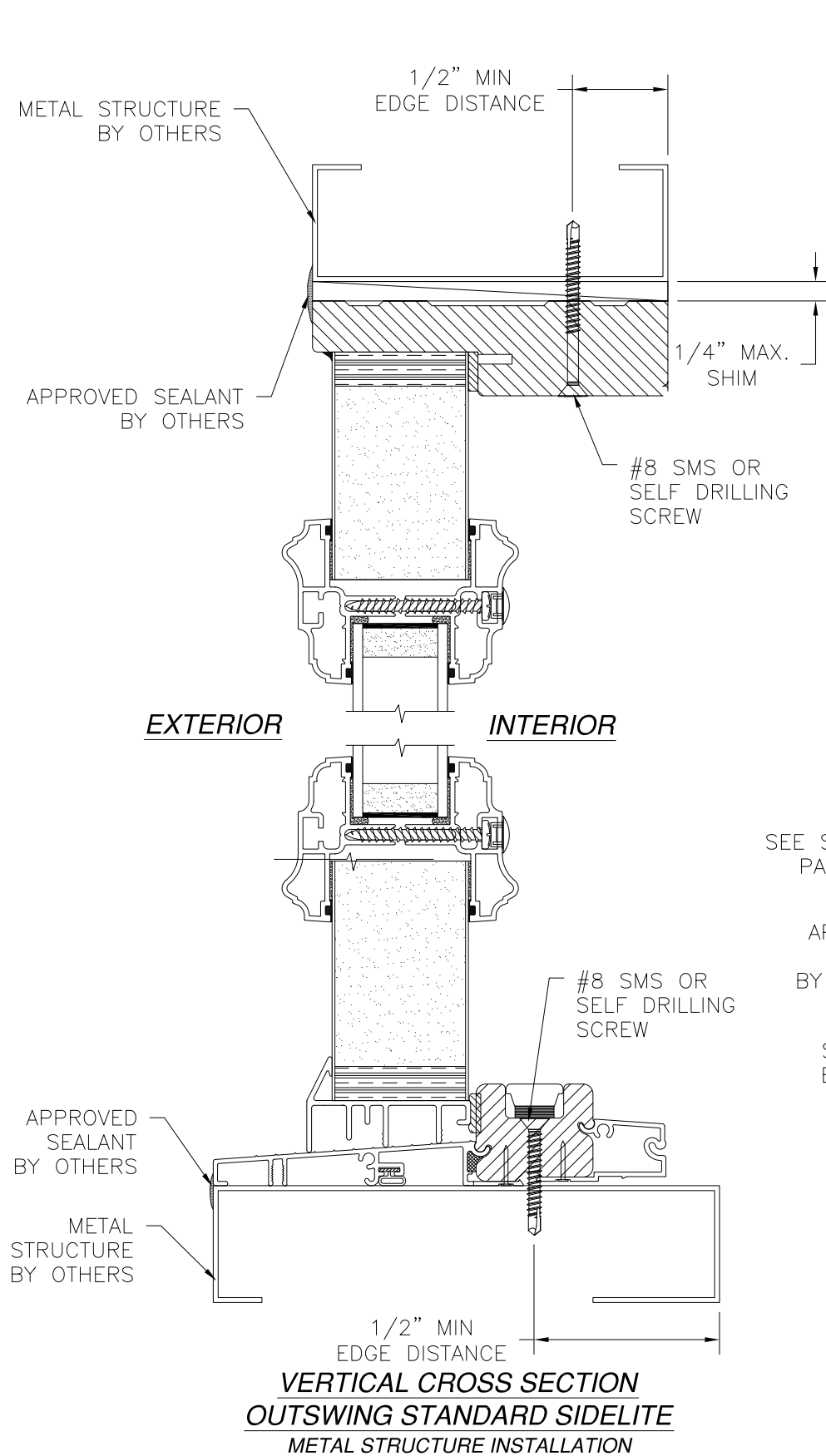
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2020



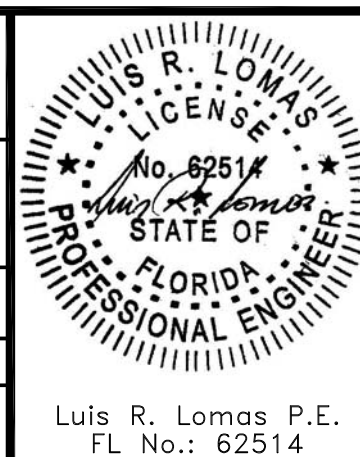
Luis R. Lomas P.E.
FL No.: 62514

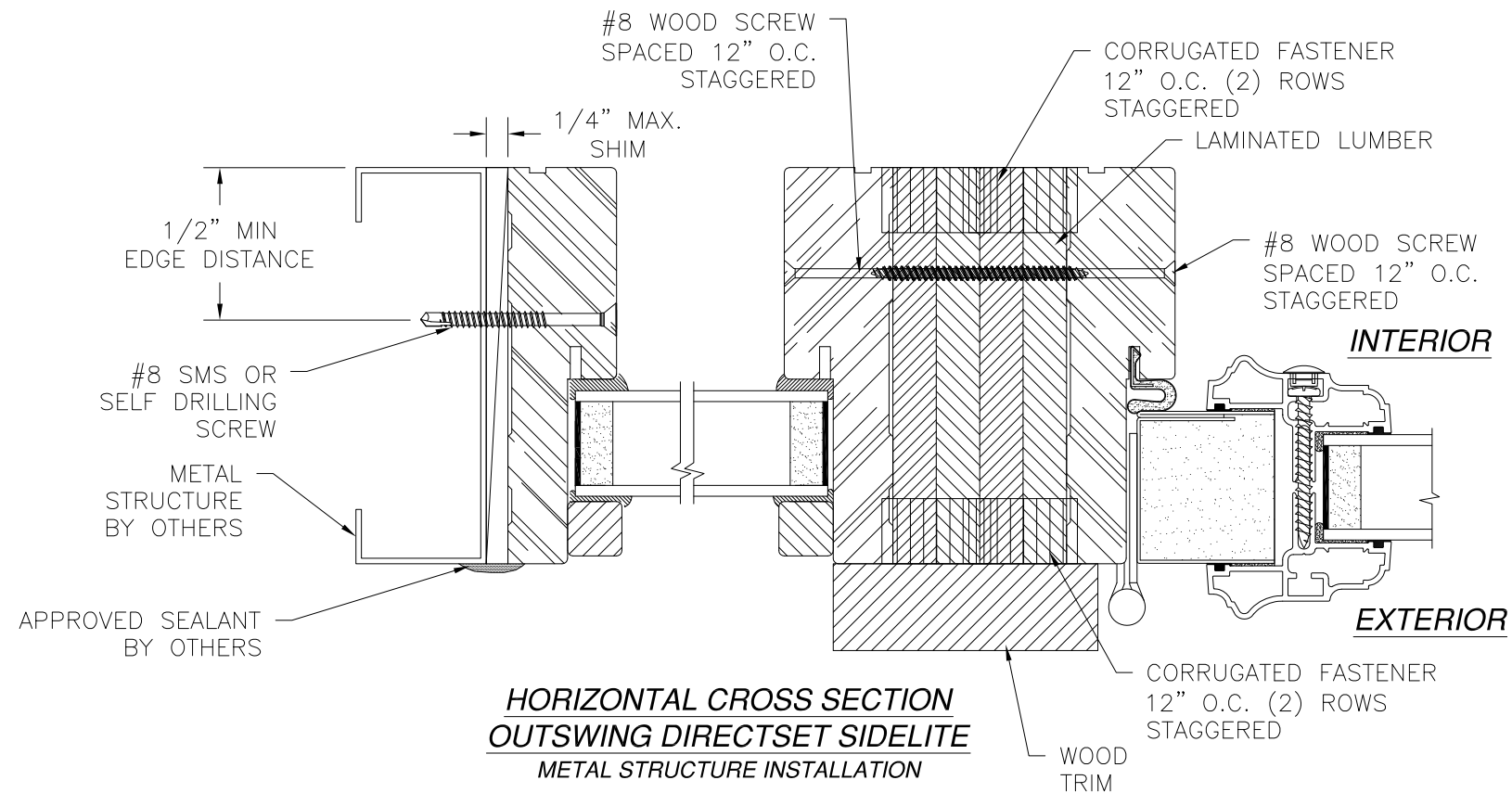


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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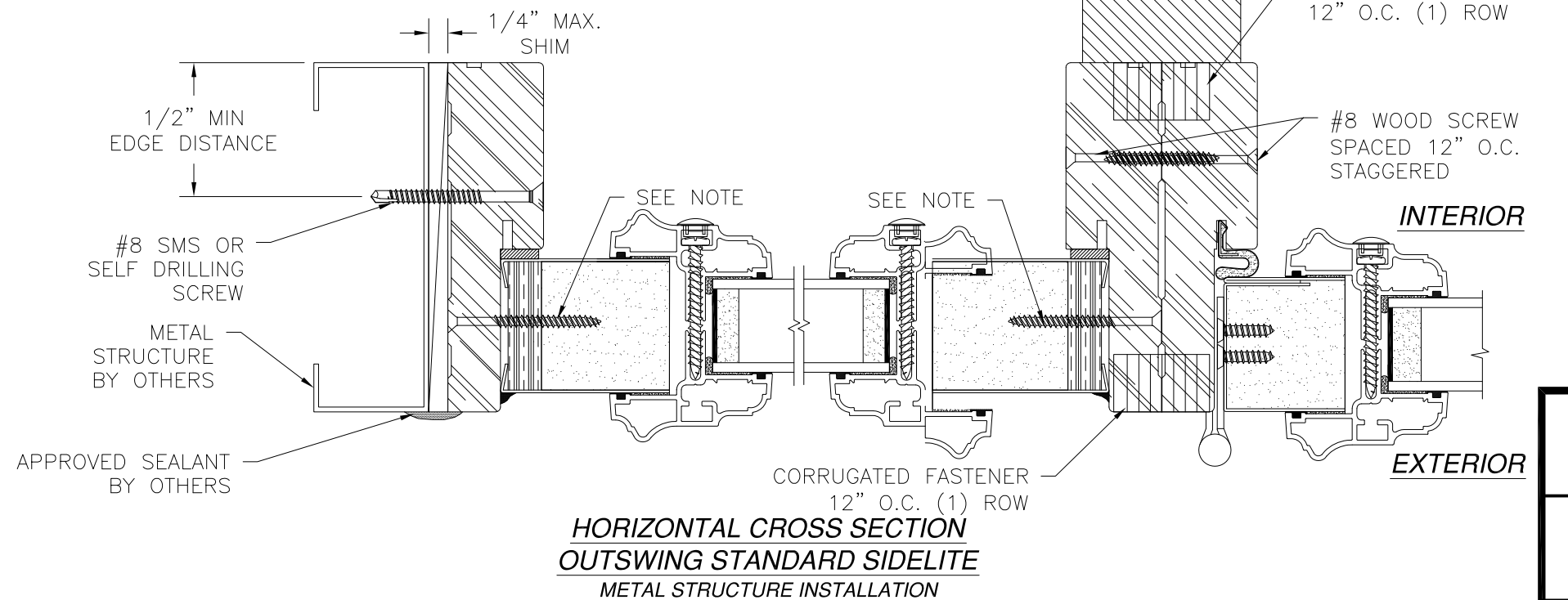
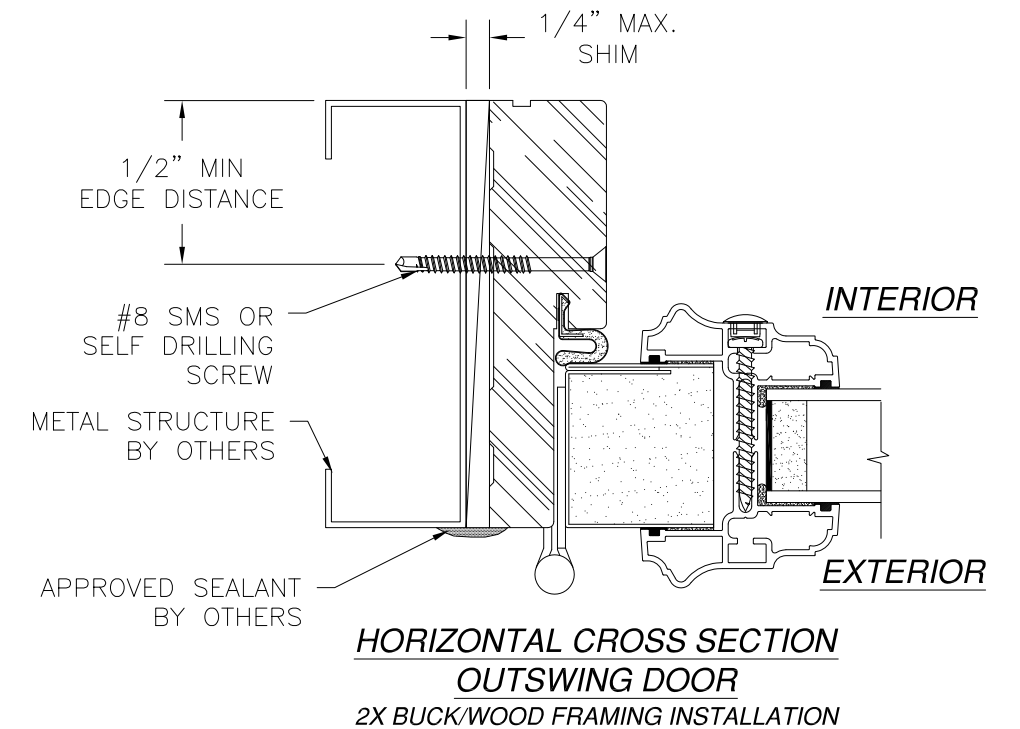
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PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 13 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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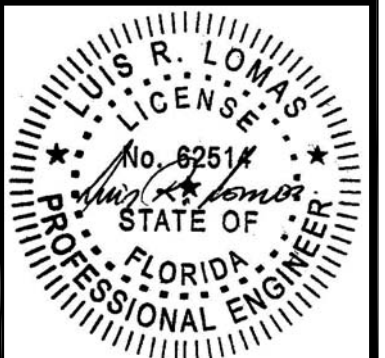


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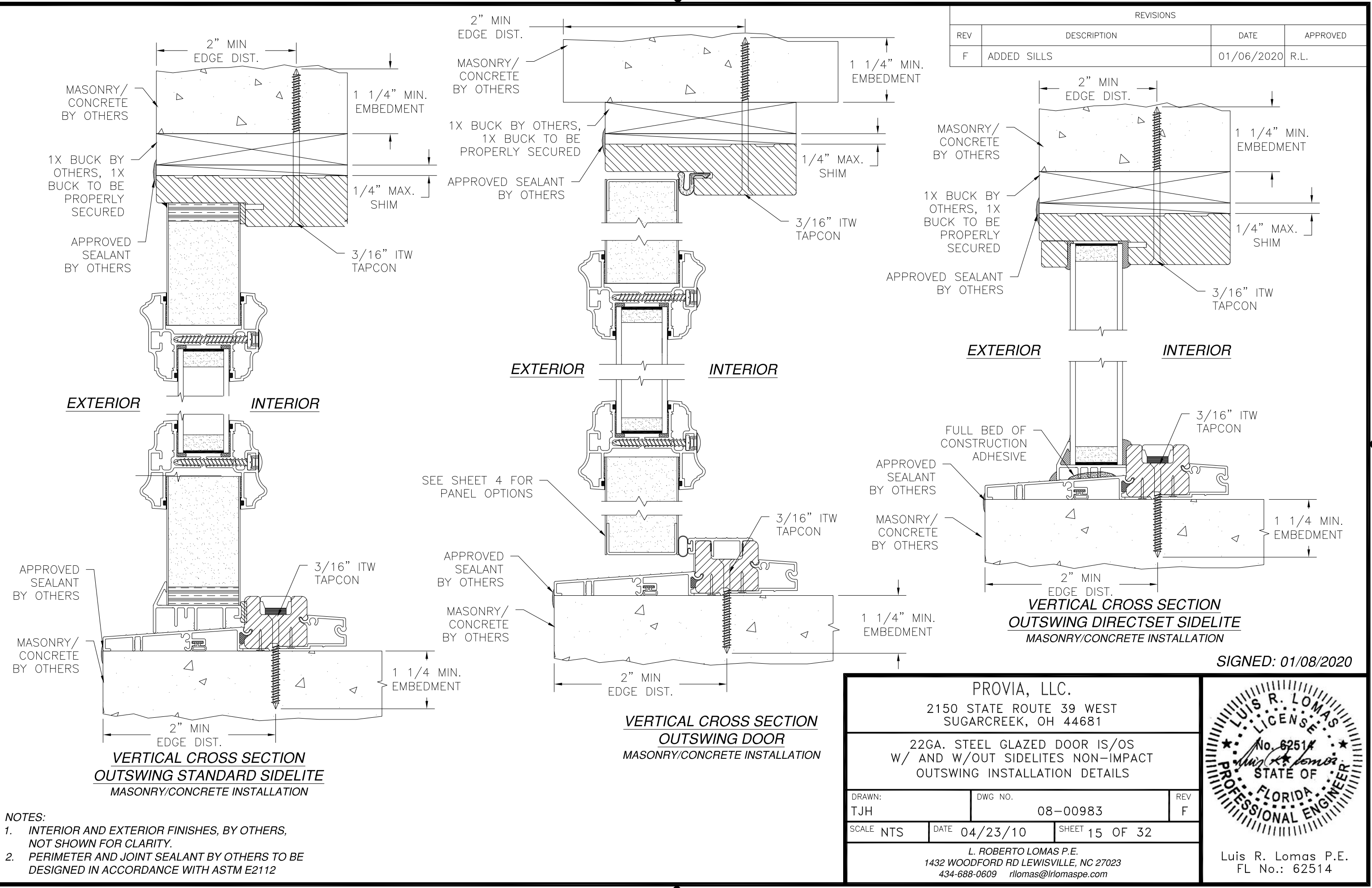
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PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
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DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 14 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

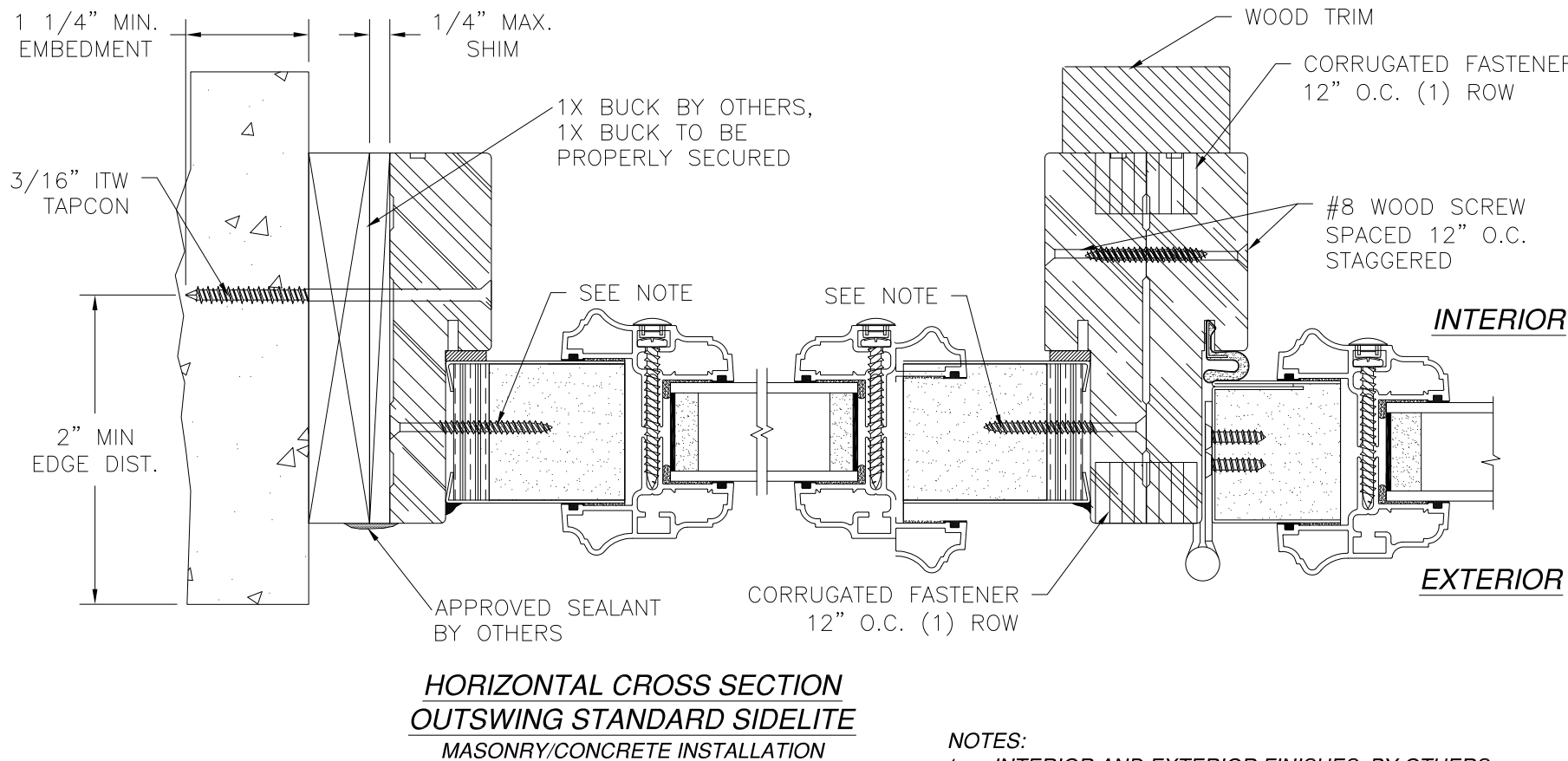
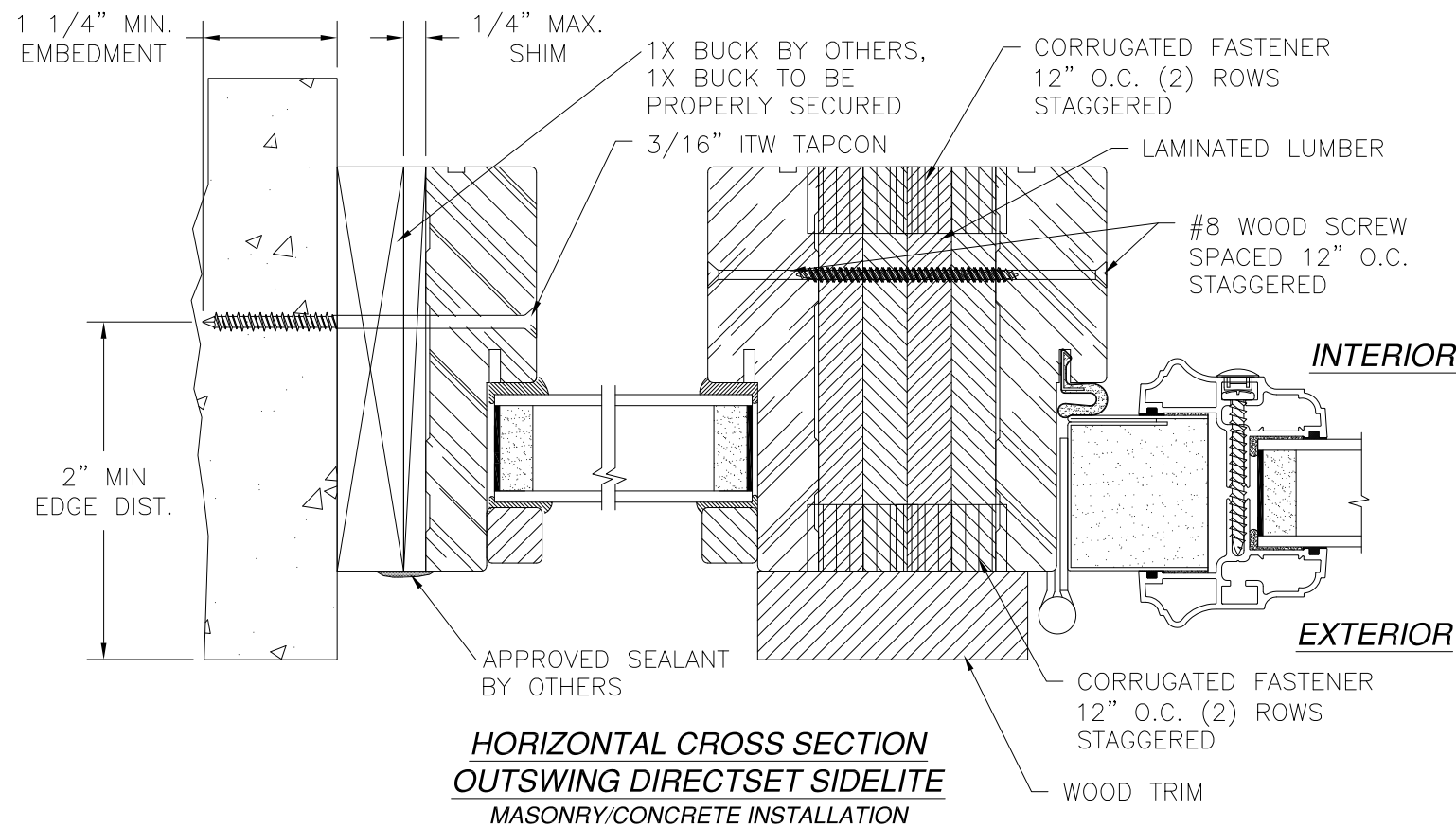
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W/ AND W/OUT SIDELITES NON-IMPACT
OUTSWING INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 15 OF 32

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

SIGNED: 01/08/2020

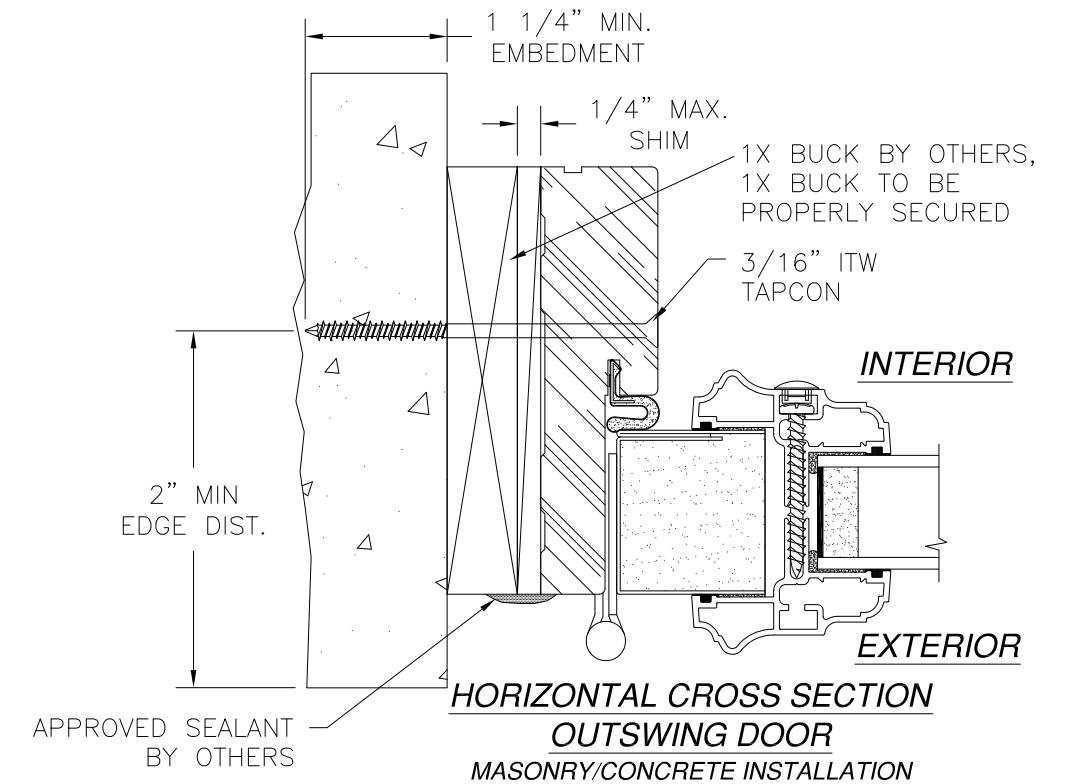
Luis R. Lomas P.E.
FL No.: 62514



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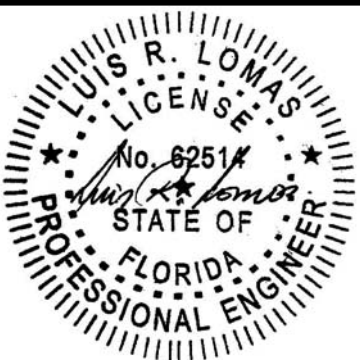
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REV	DESCRIPTION	DATE	APPROVED
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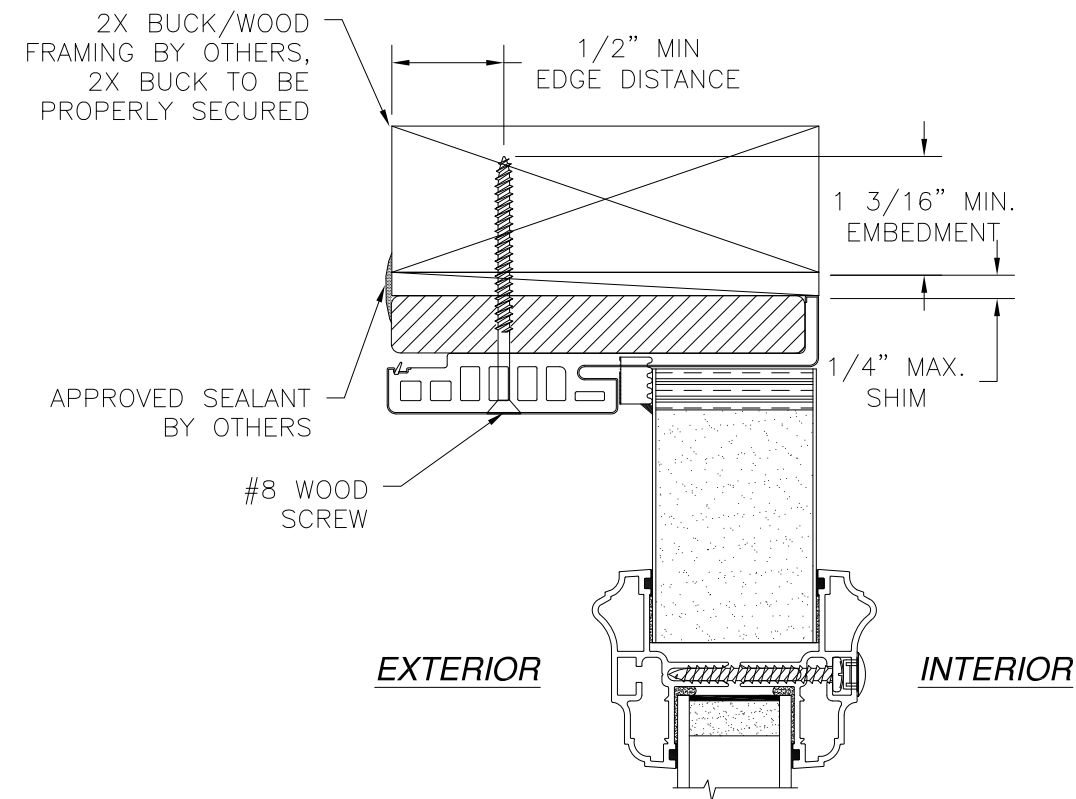
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 16 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

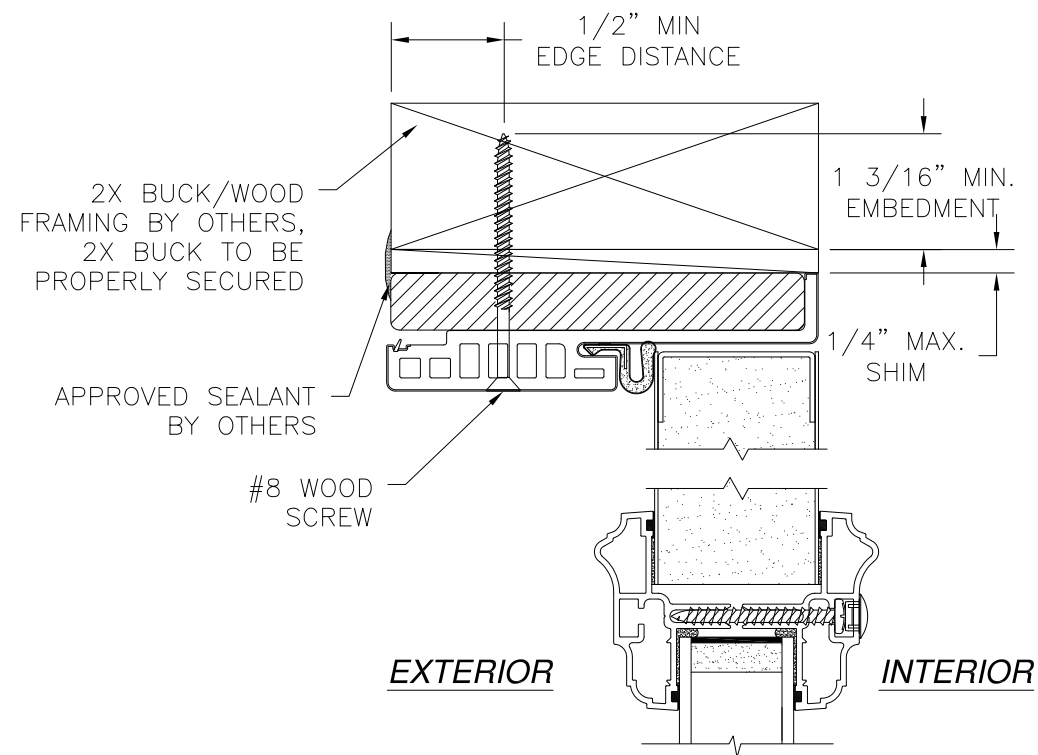


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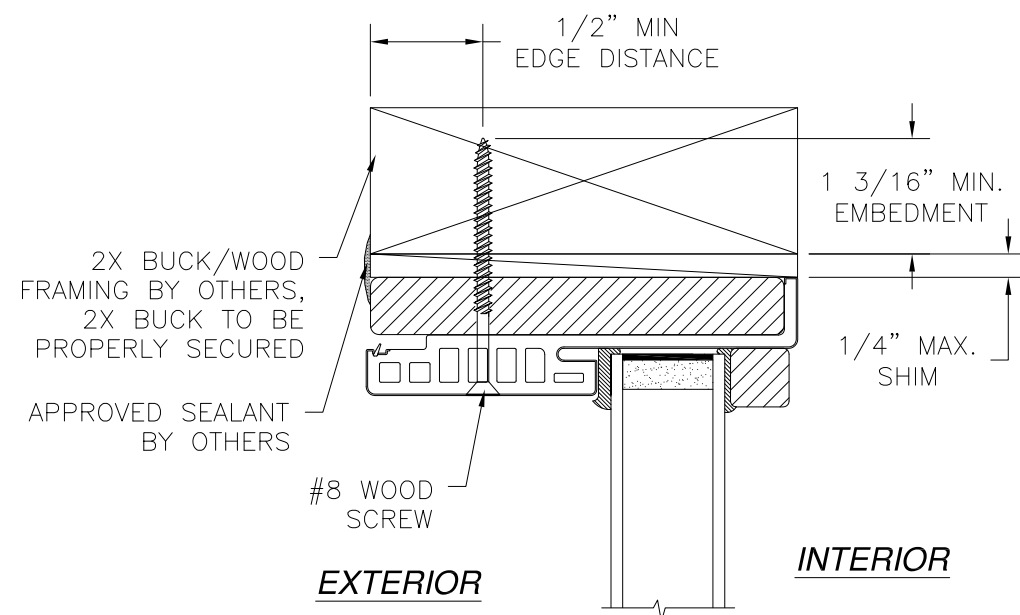
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



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



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



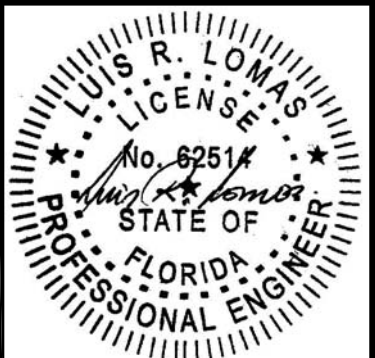
**VERTICAL CROSS SECTION
DIRECTSET INSWING SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION**

NOTES:

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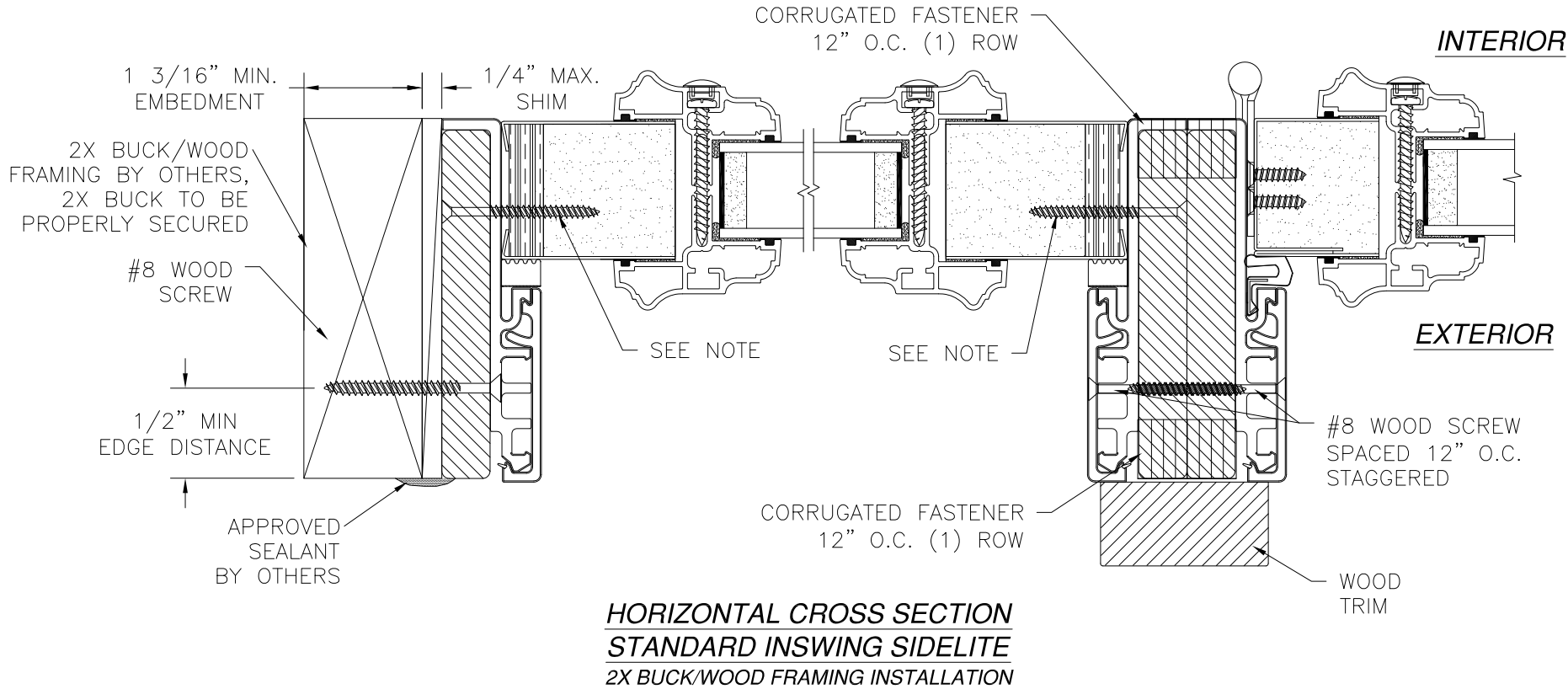
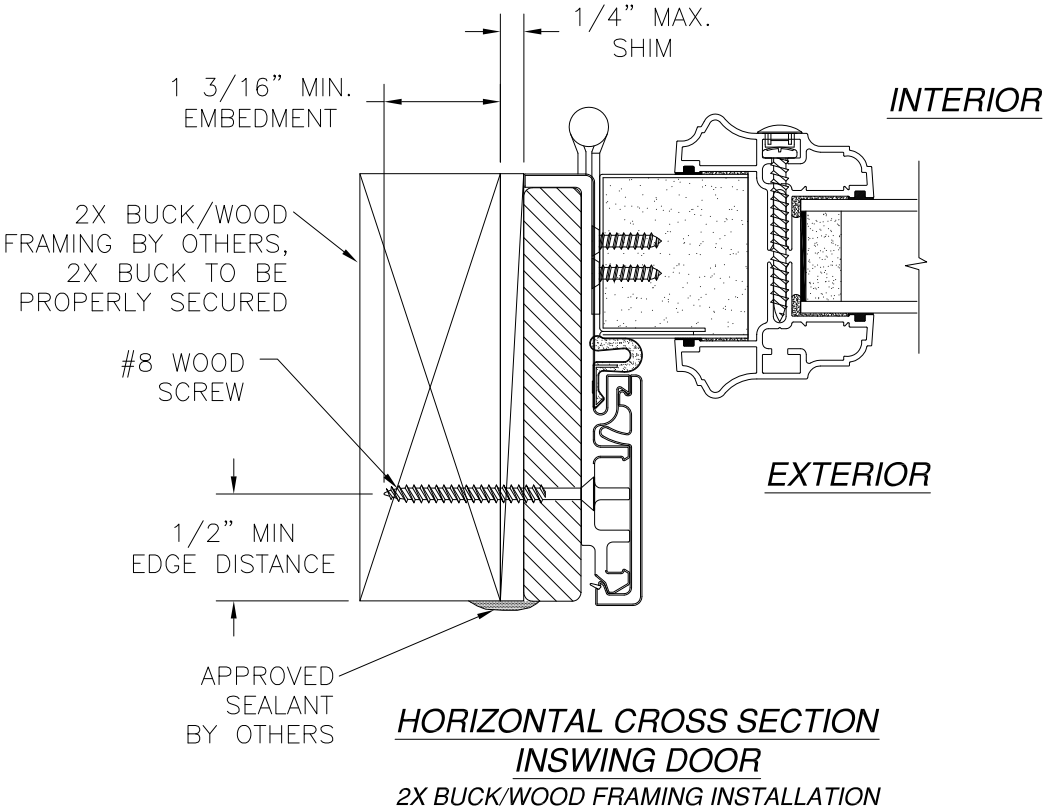
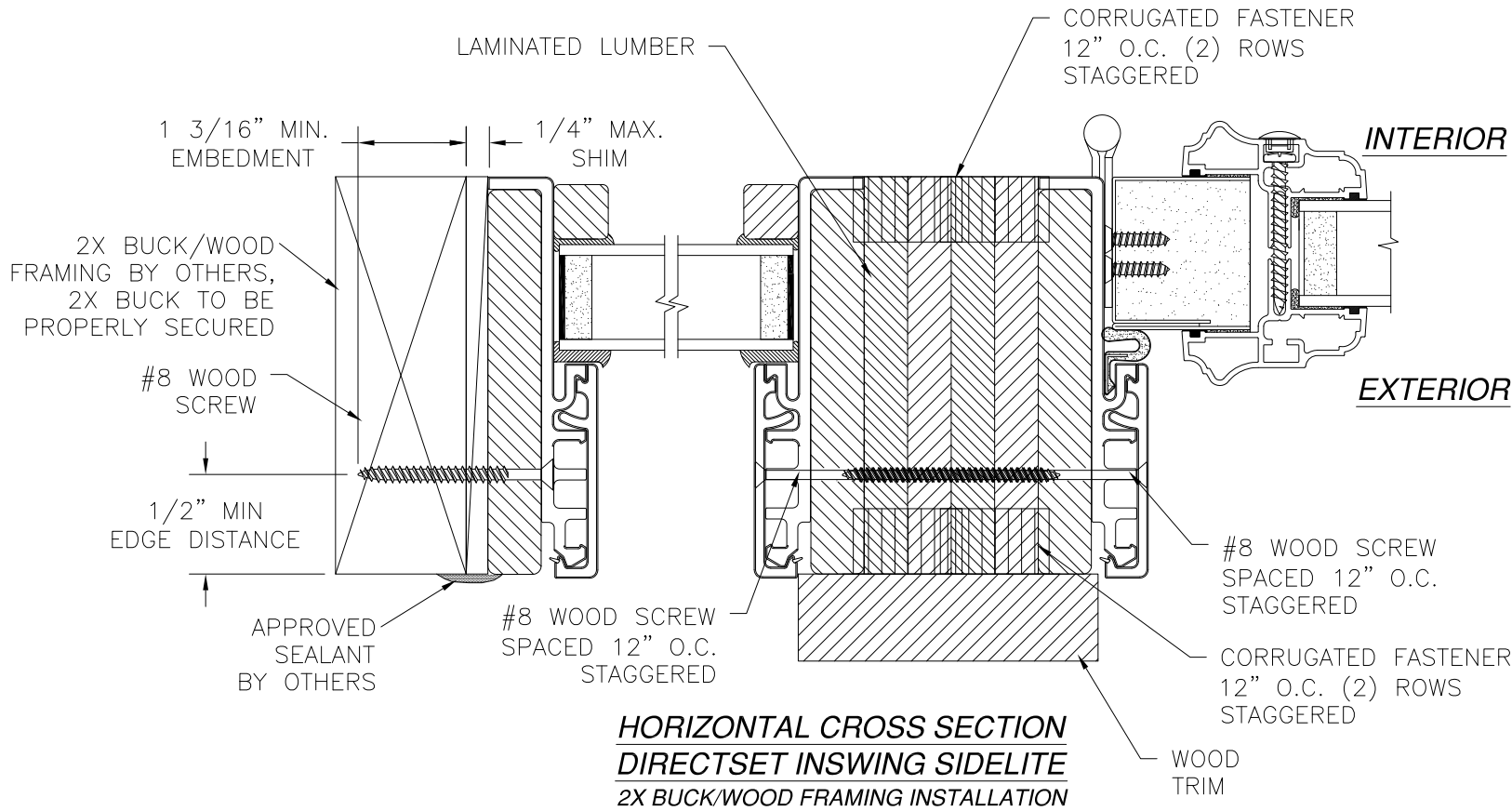
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 17 OF 32
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
F	ADDED SILLS	01/06/2020	R.L.



STANDARD SIDELITE PANEL ATTACHMENT:
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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:

TJH

DWG NO.

08-00983

REV

F

SCALE

NTS

DATE

04/23/10

SHEET

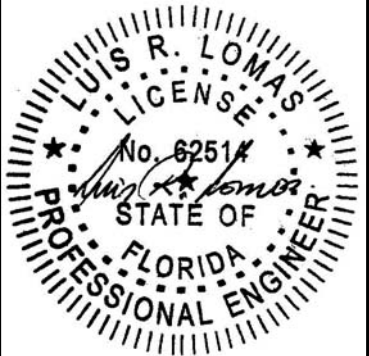
18 OF 32

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

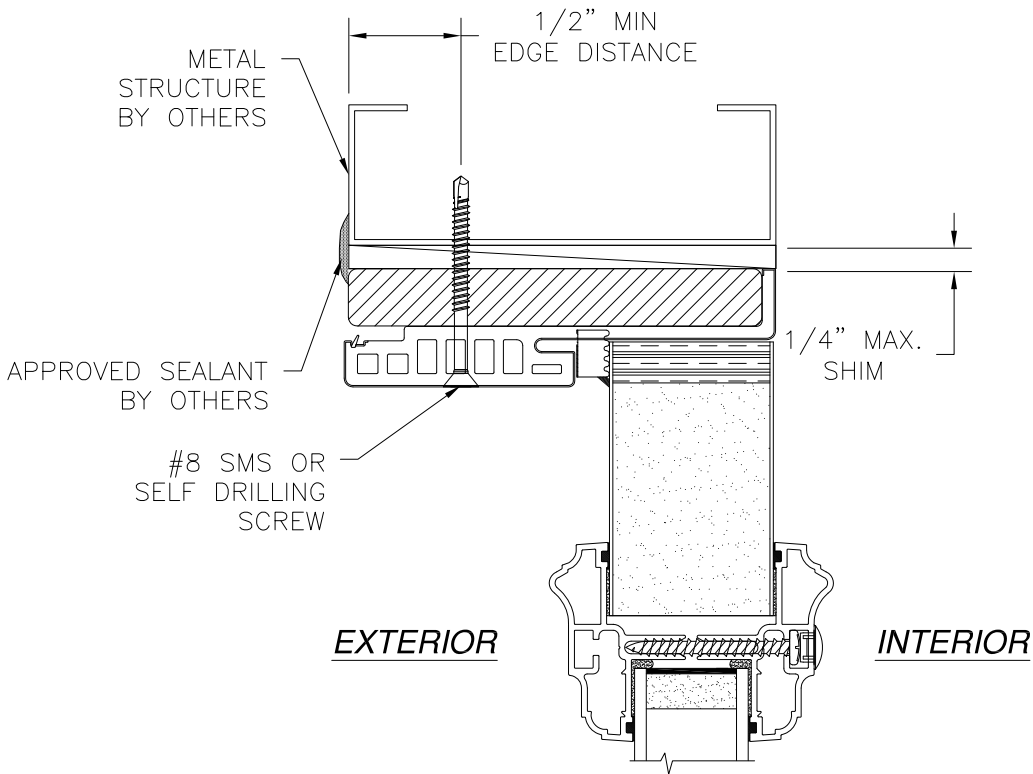
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2020

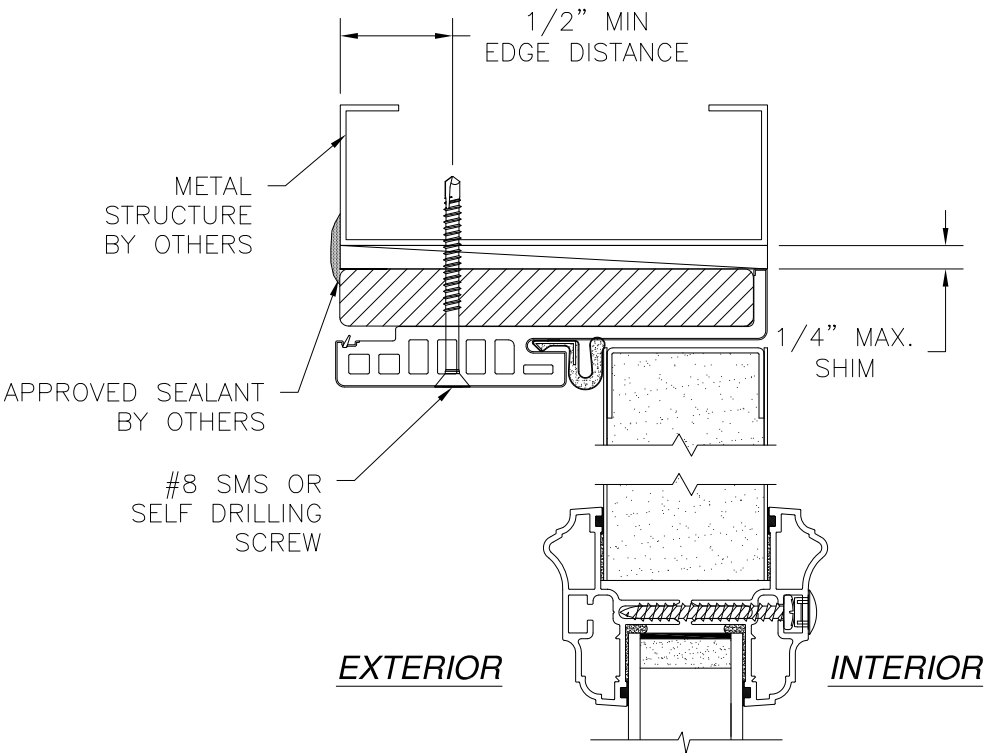


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FL No.: 62514

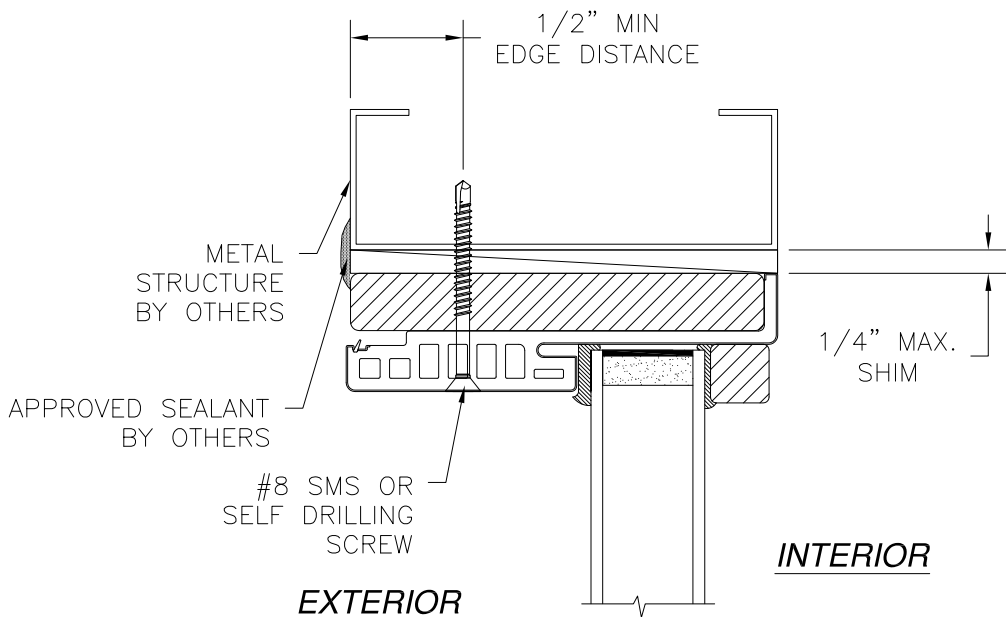
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



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



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



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

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SIGNED: 01/08/2020

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

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INSWING INSTALLATION DETAILS W/FUSION FRAME

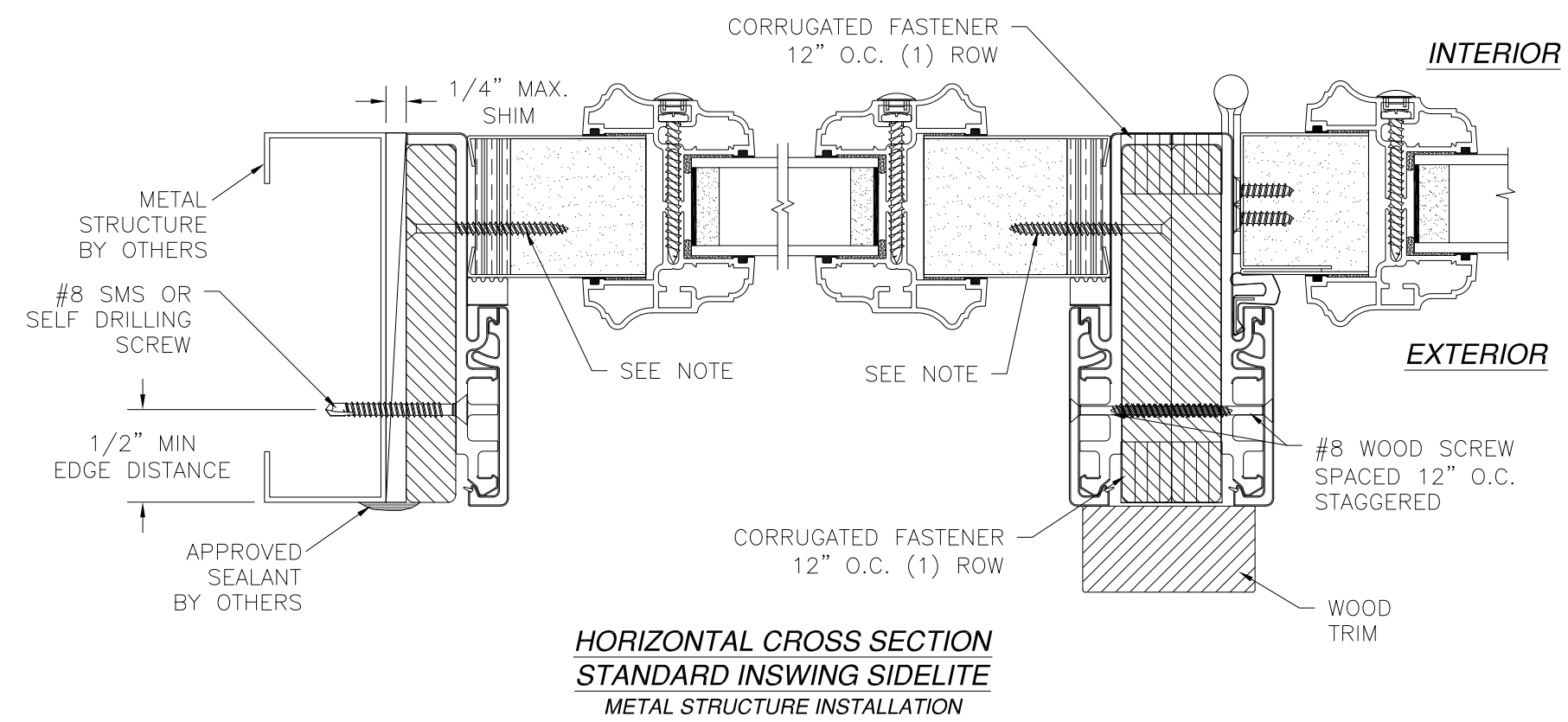
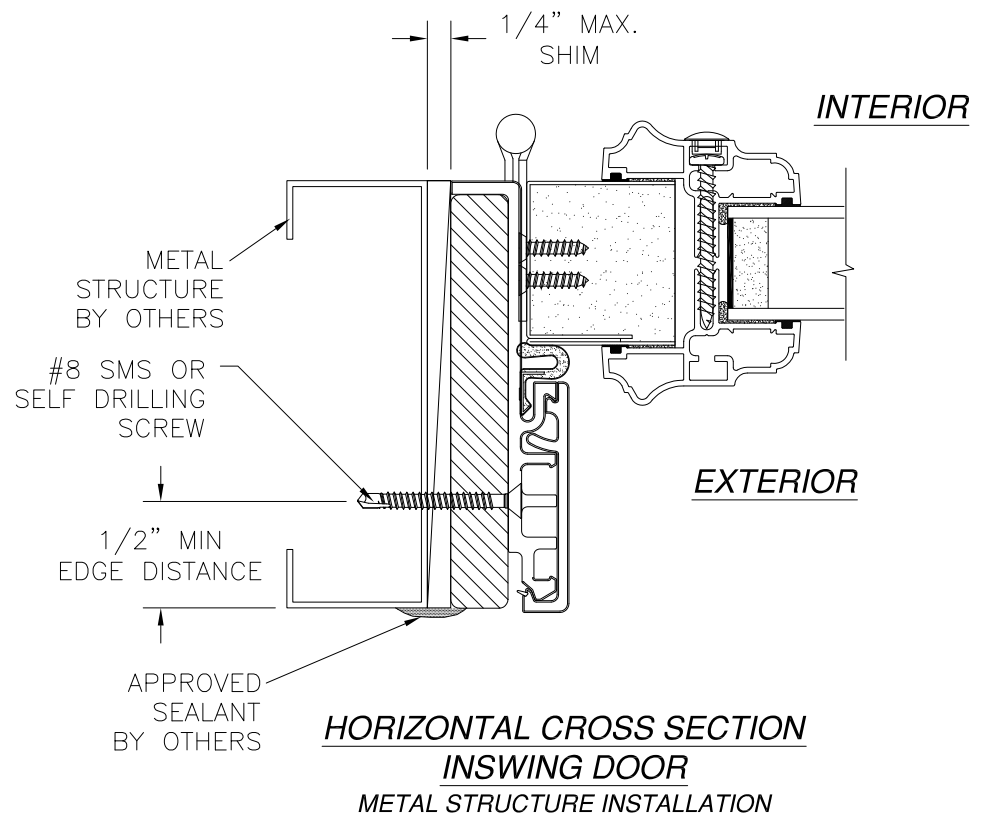
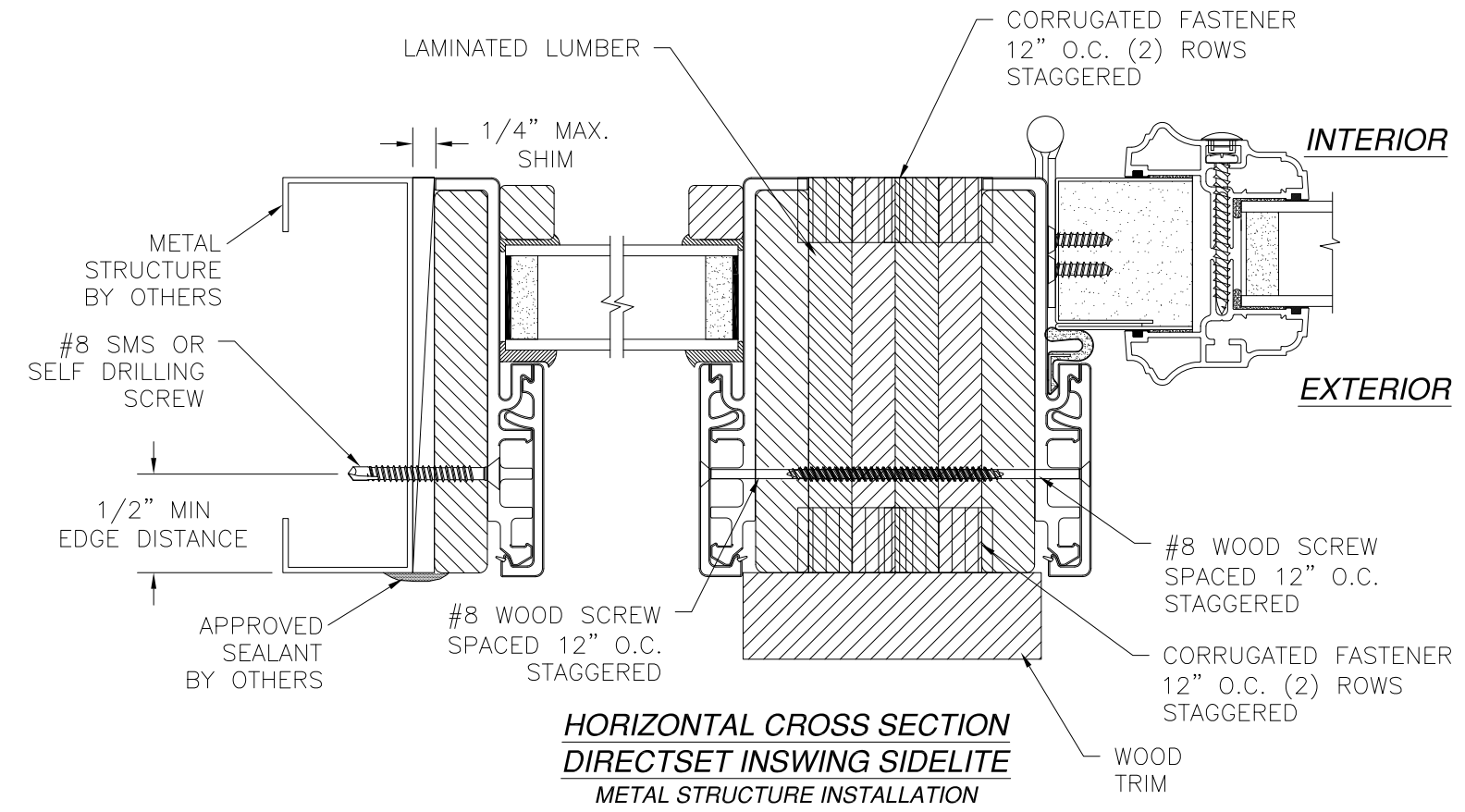
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 19 OF 32

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
F	ADDED SILLS	01/06/2020	R.L.



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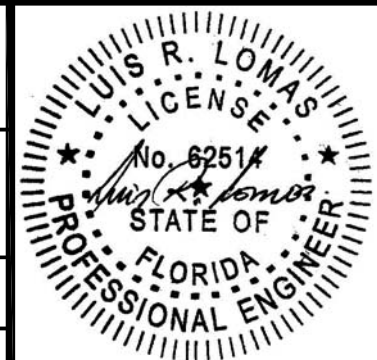
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 20 OF 32

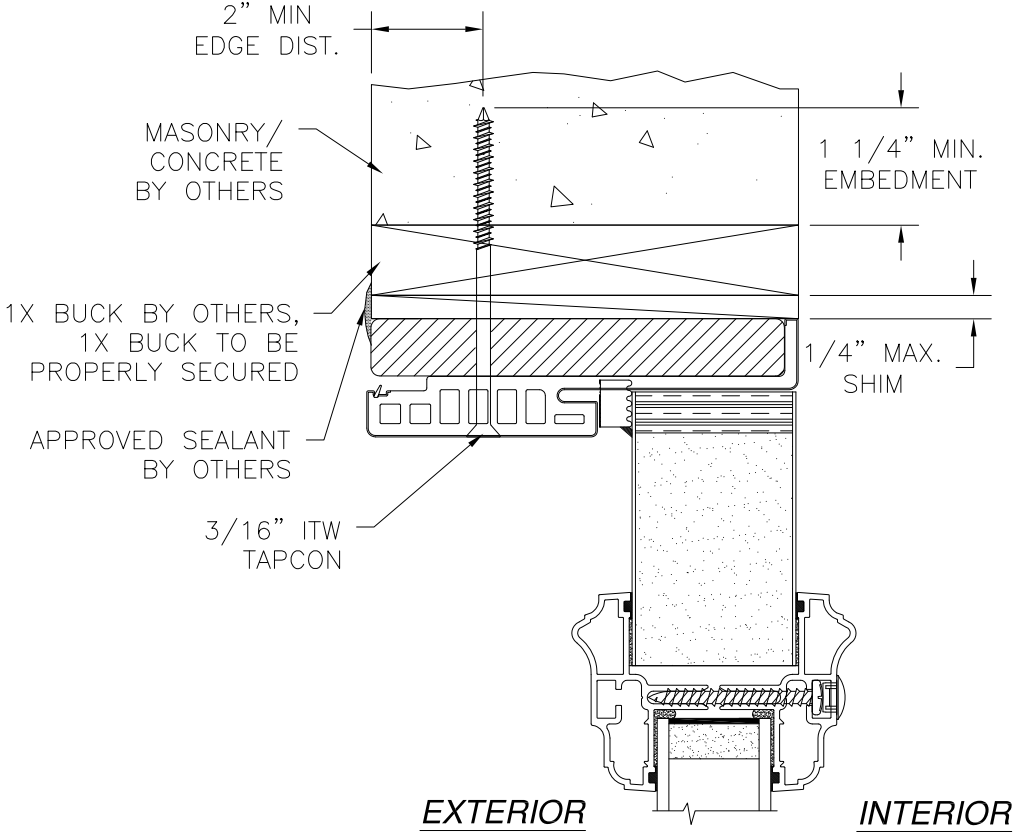
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2020

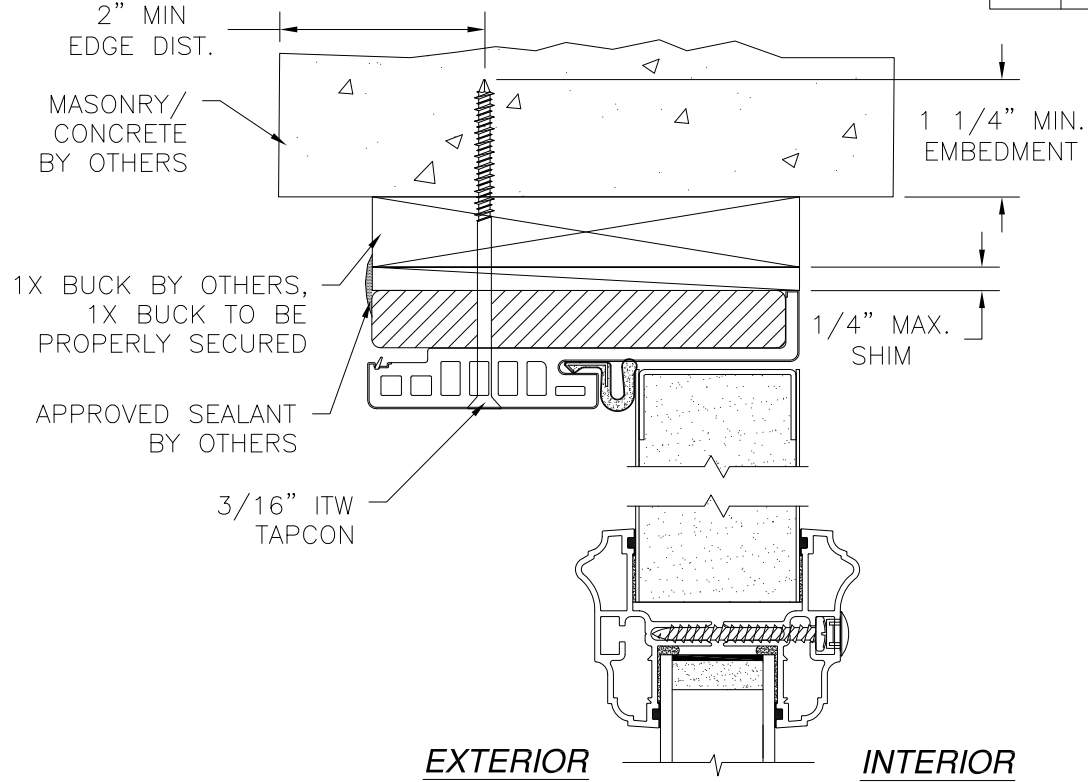


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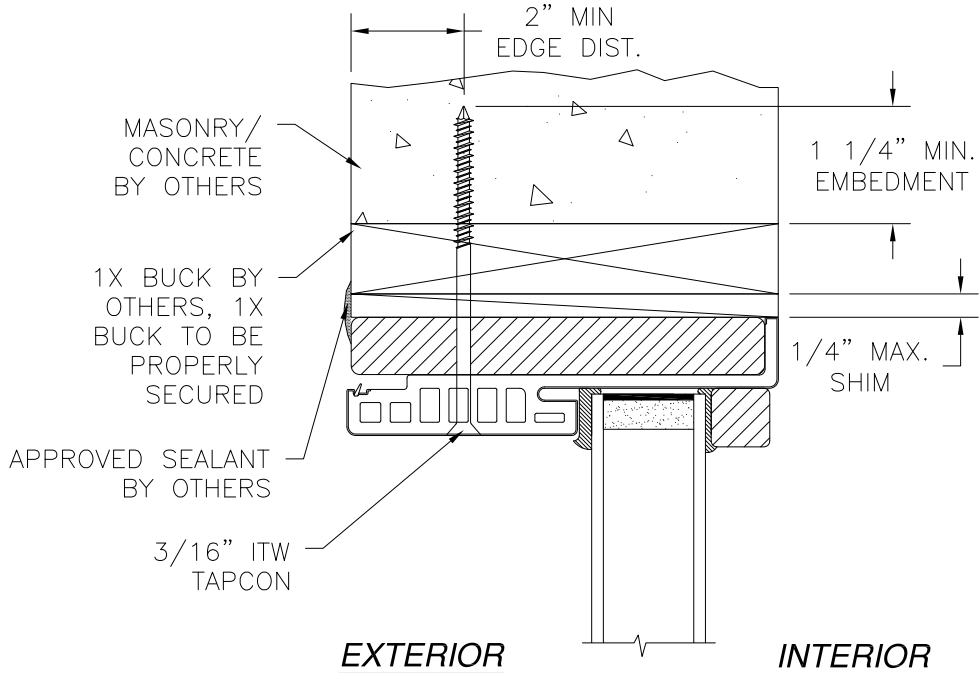
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**VERTICAL CROSS SECTION
INSWING STANDARD SIDELITE
MASONRY/CONCRETE INSTALLATION**



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



**VERTICAL CROSS SECTION
INSWING DIRECTSET SIDELITE
MASONRY/CONCRETE INSTALLATION**

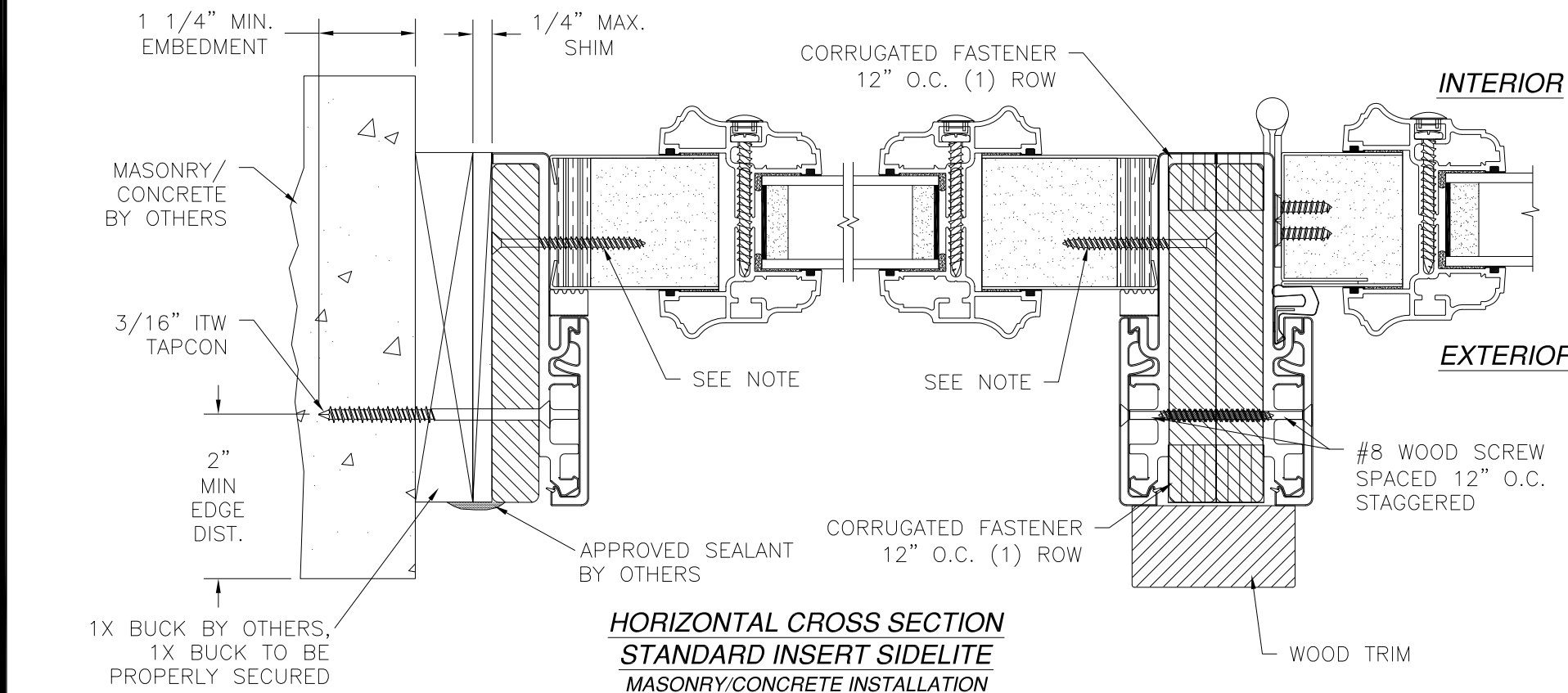
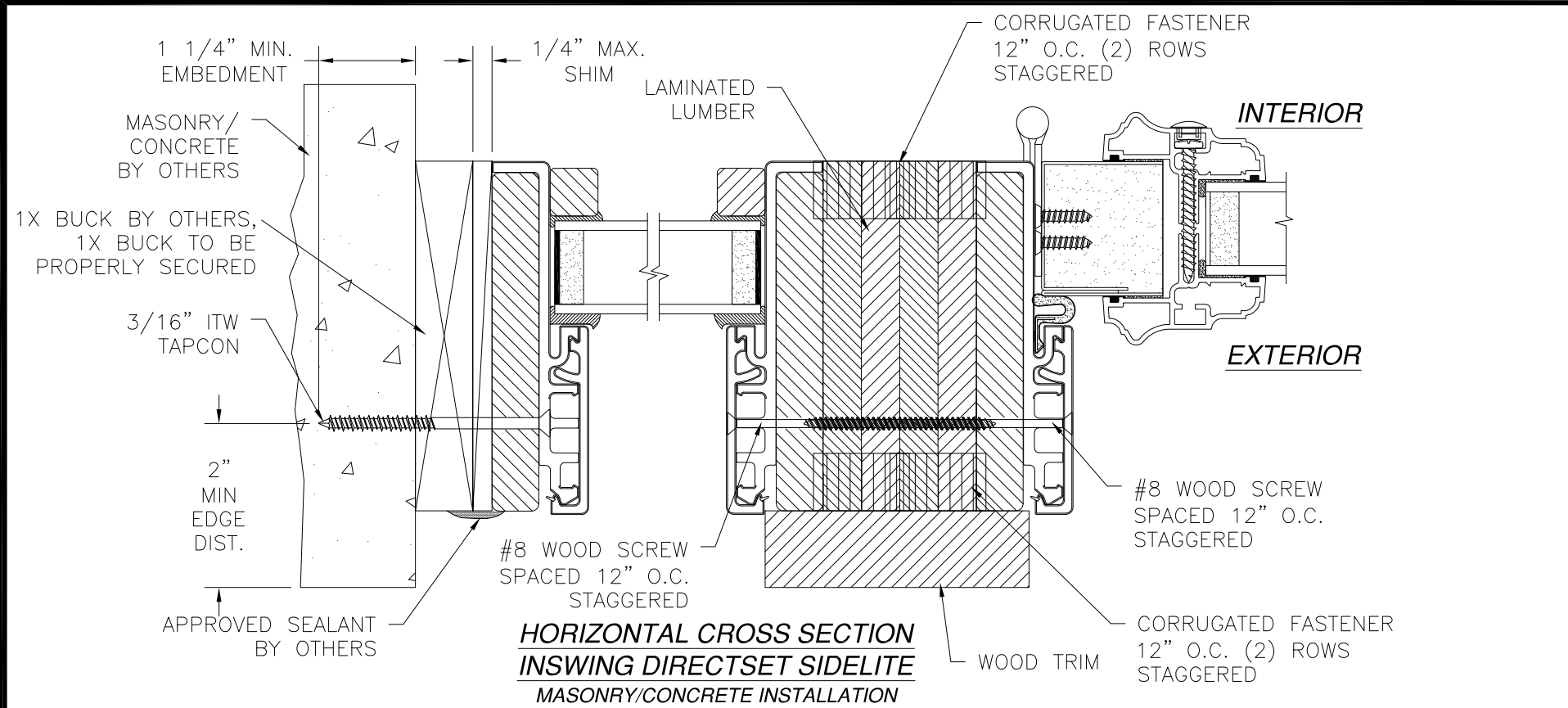
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SIGNED: 01/08/2020

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DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 21 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



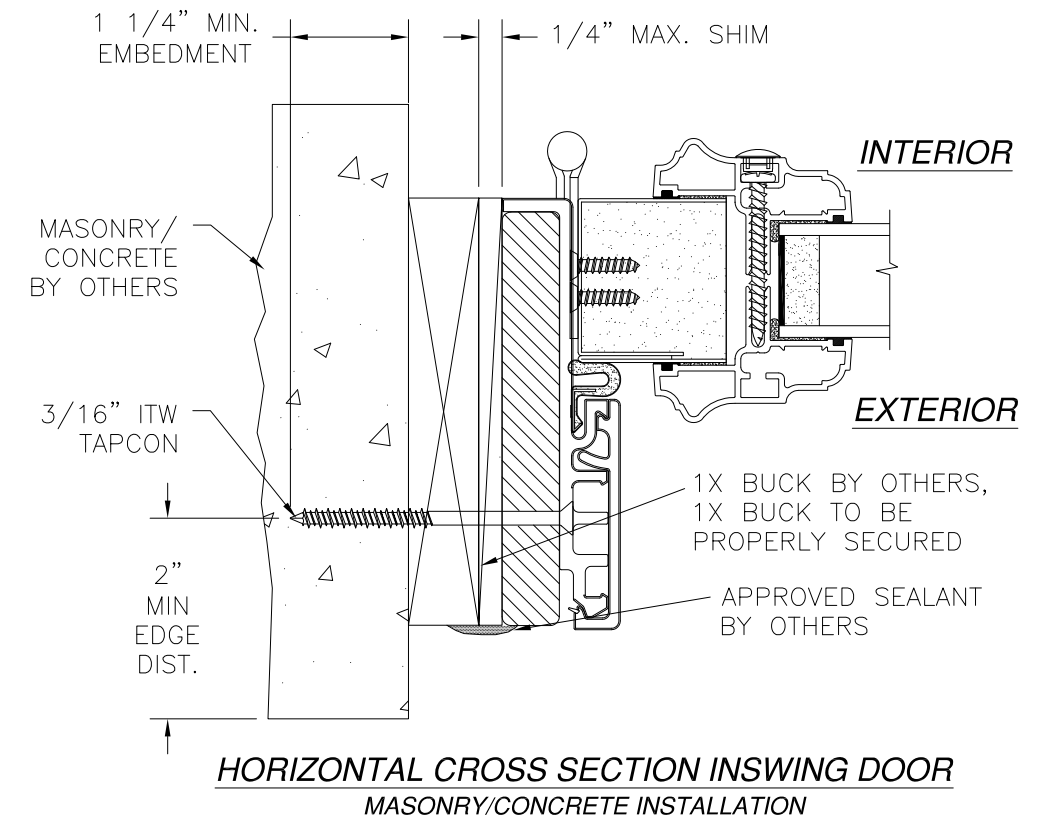
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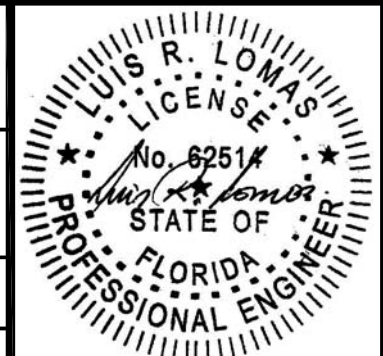
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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



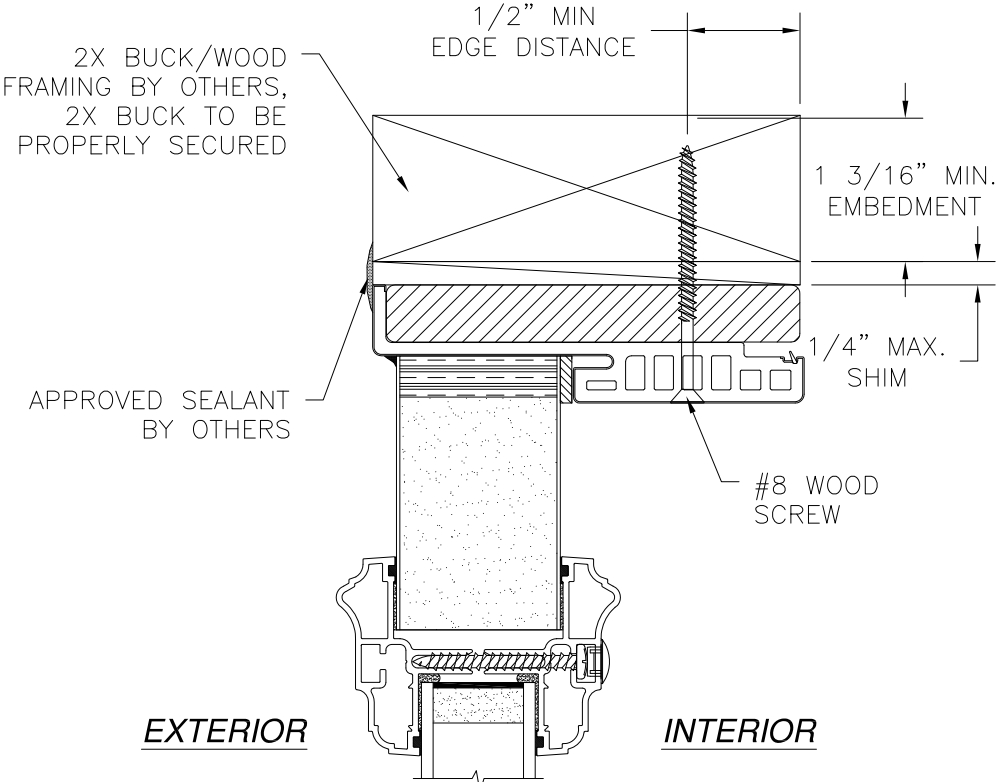
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 22 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

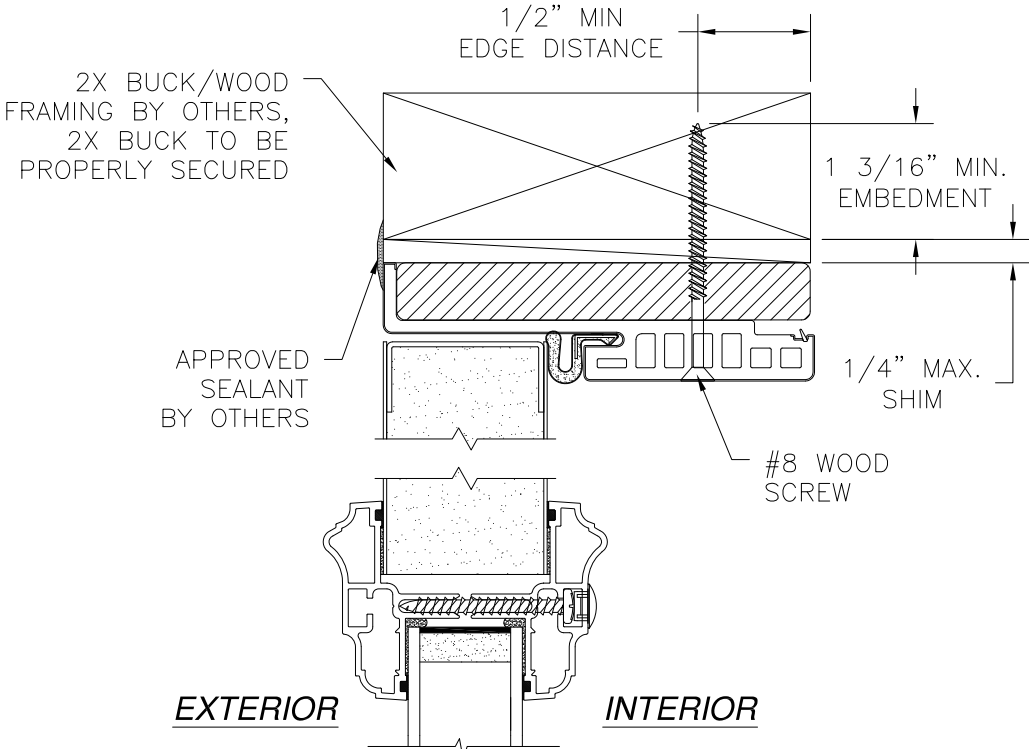


Luis R. Lomas P.E.
FL No.: 62514

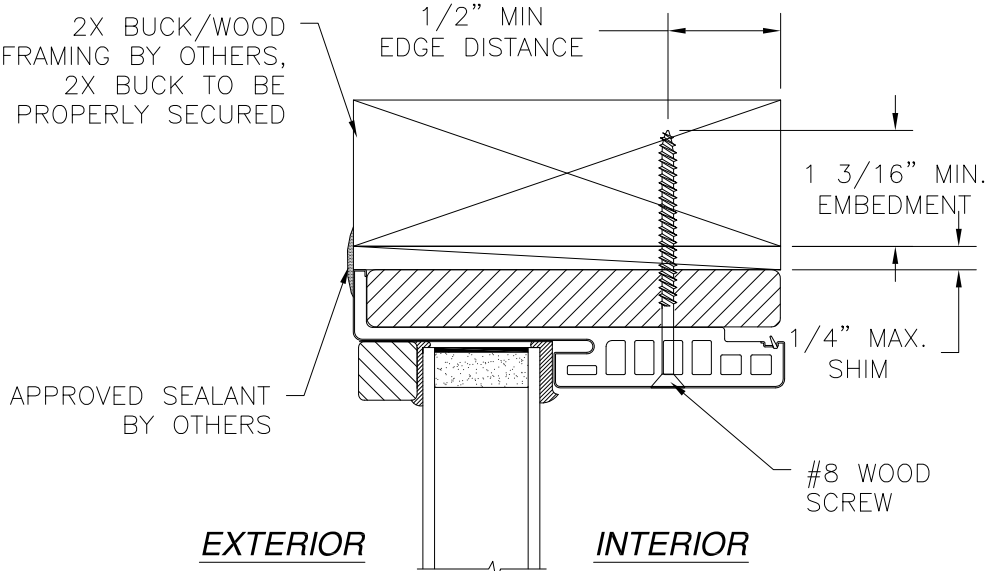
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



VERTICAL CROSS SECTION
OUTSWING STANDARD SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION



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



VERTICAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION

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

SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00983

REV F

SCALE NTS

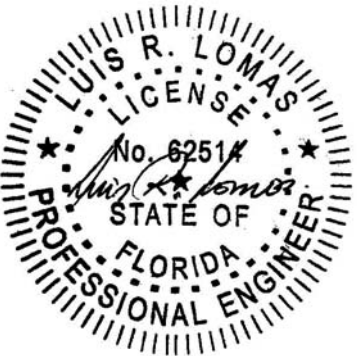
DATE 04/23/10

SHEET 23 OF 32

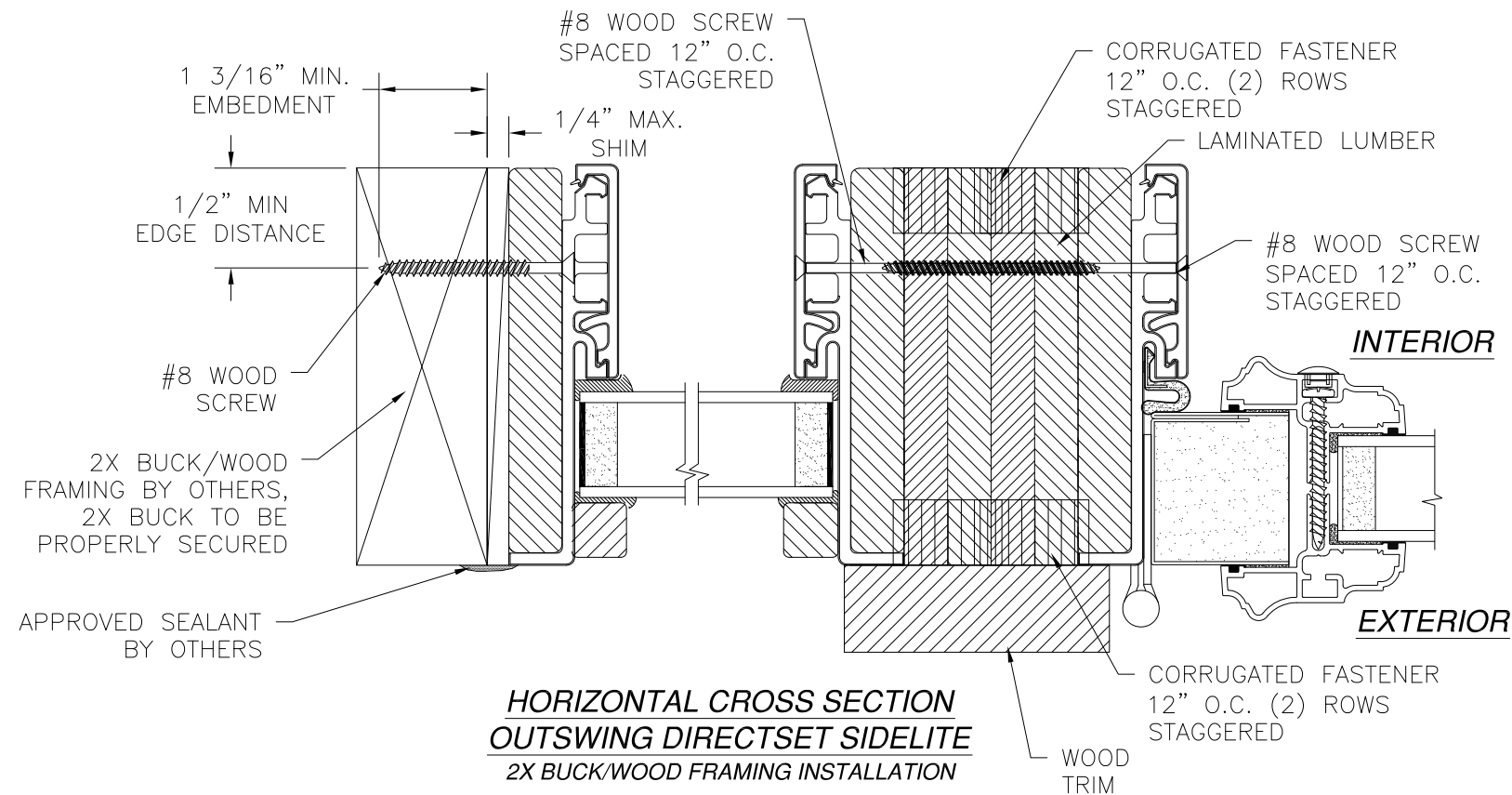
L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

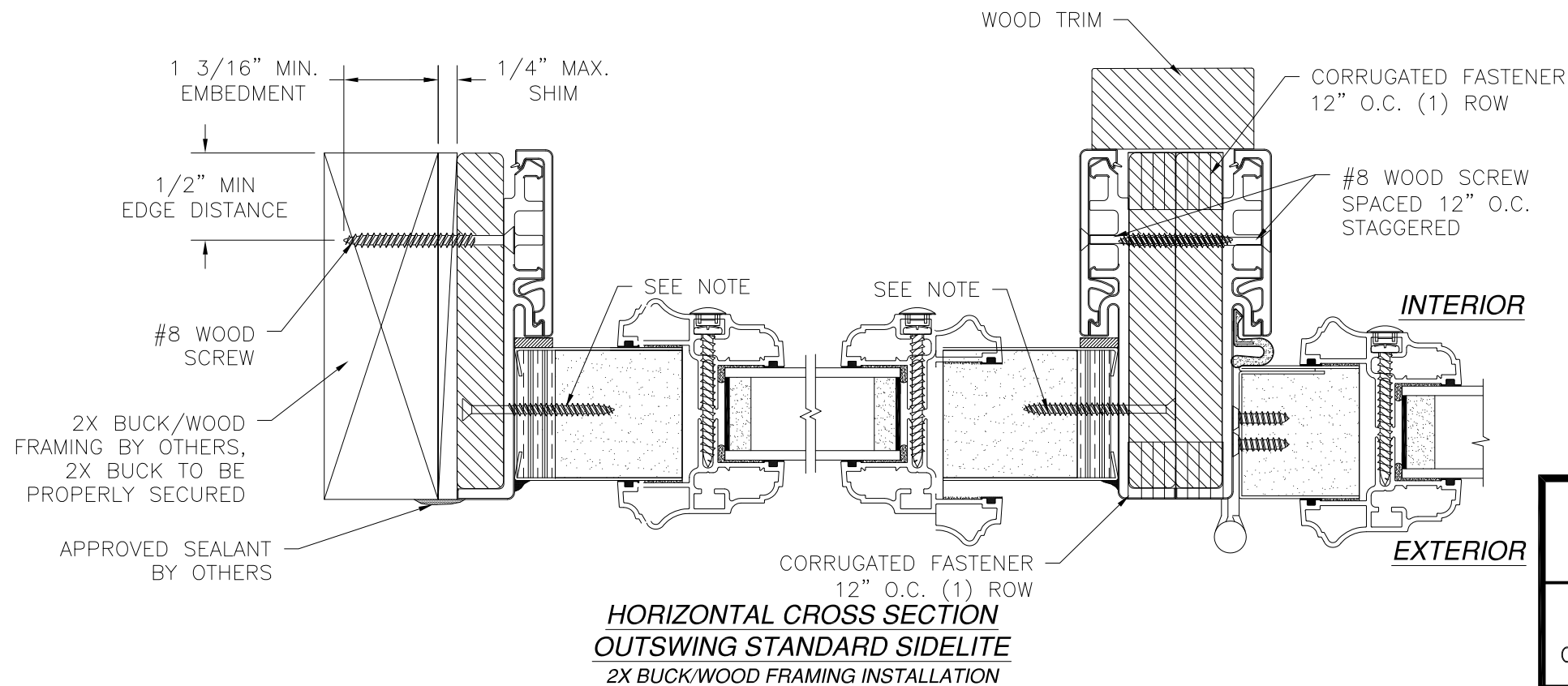
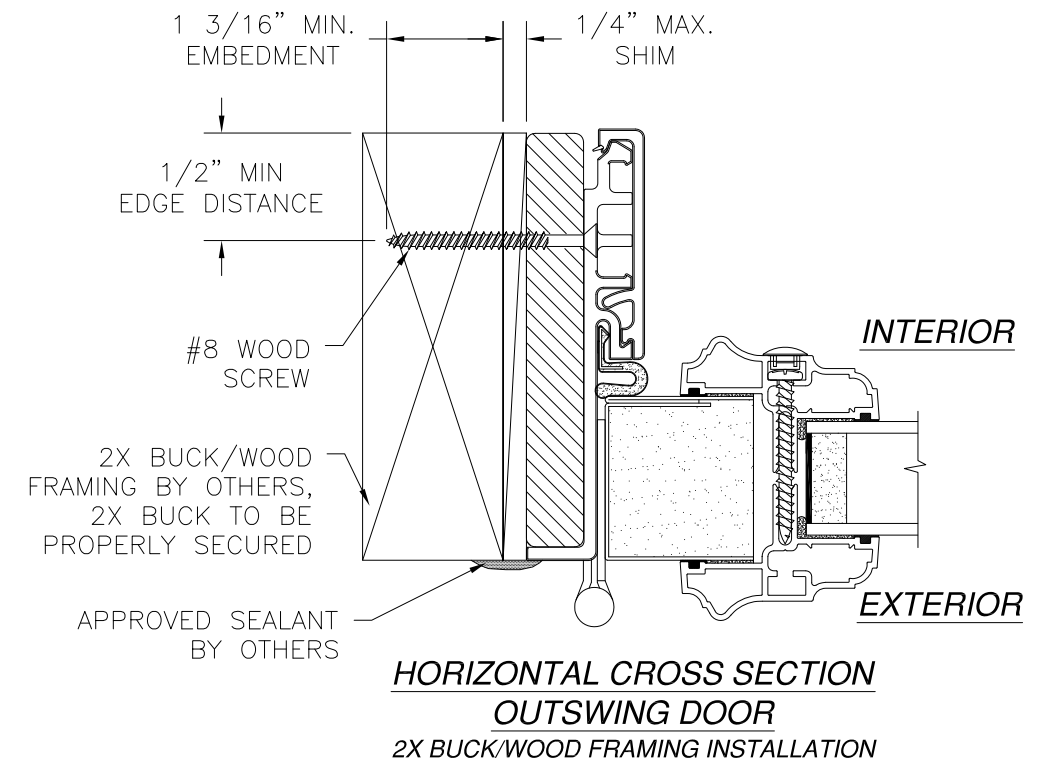
434-688-0609 rllomas@lrlomaspe.com



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



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

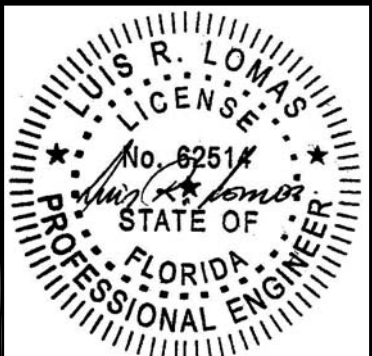


STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

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

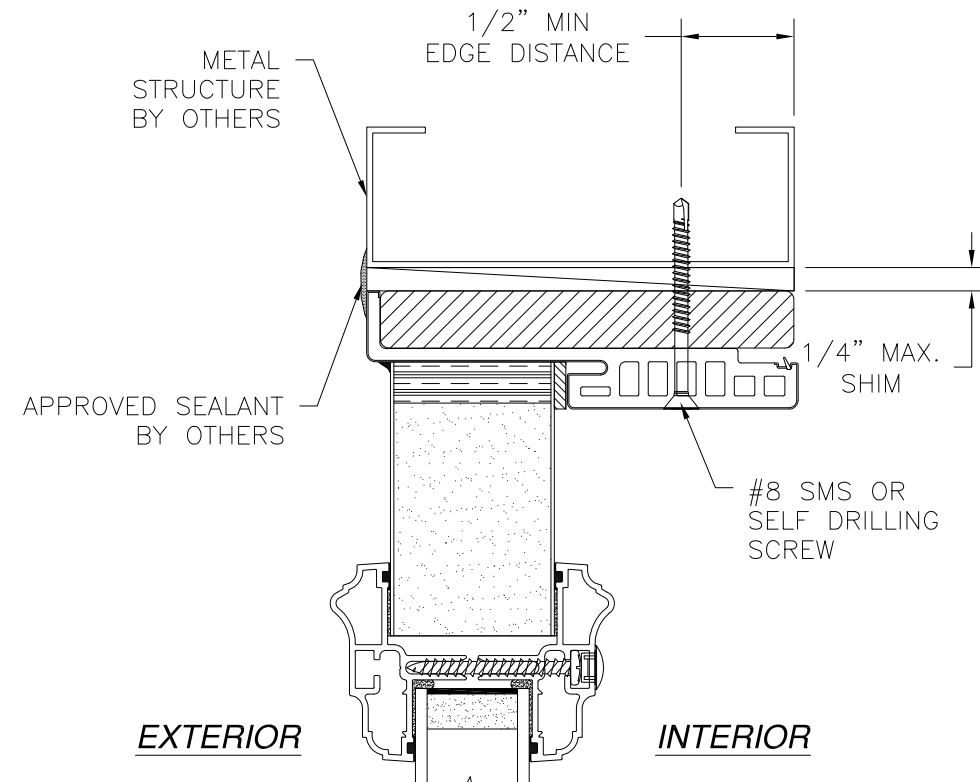
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 24 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

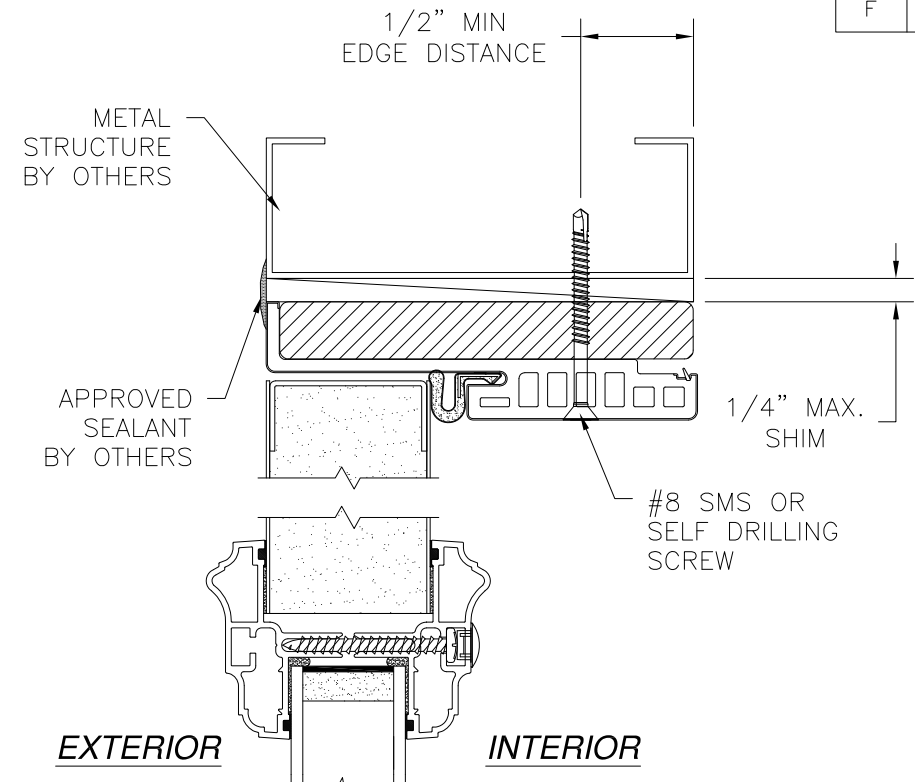


Luis R. Lomas P.E.
FL No.: 62514

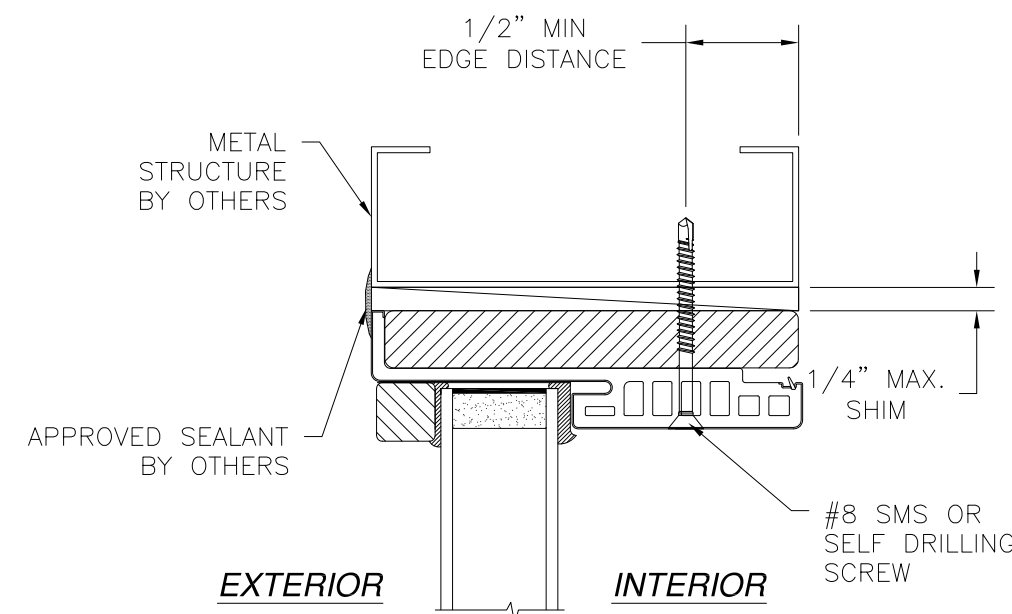
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**VERTICAL CROSS SECTION
OUTSWING STANDARD SIDELITE
METAL STRUCTURE INSTALLATION**



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

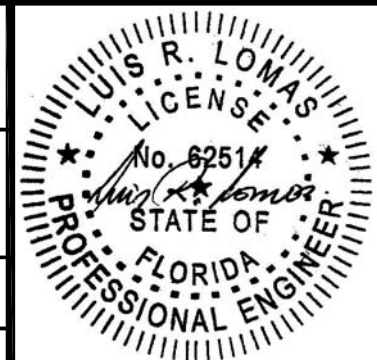


**VERTICAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
METAL STRUCTURE INSTALLATION**

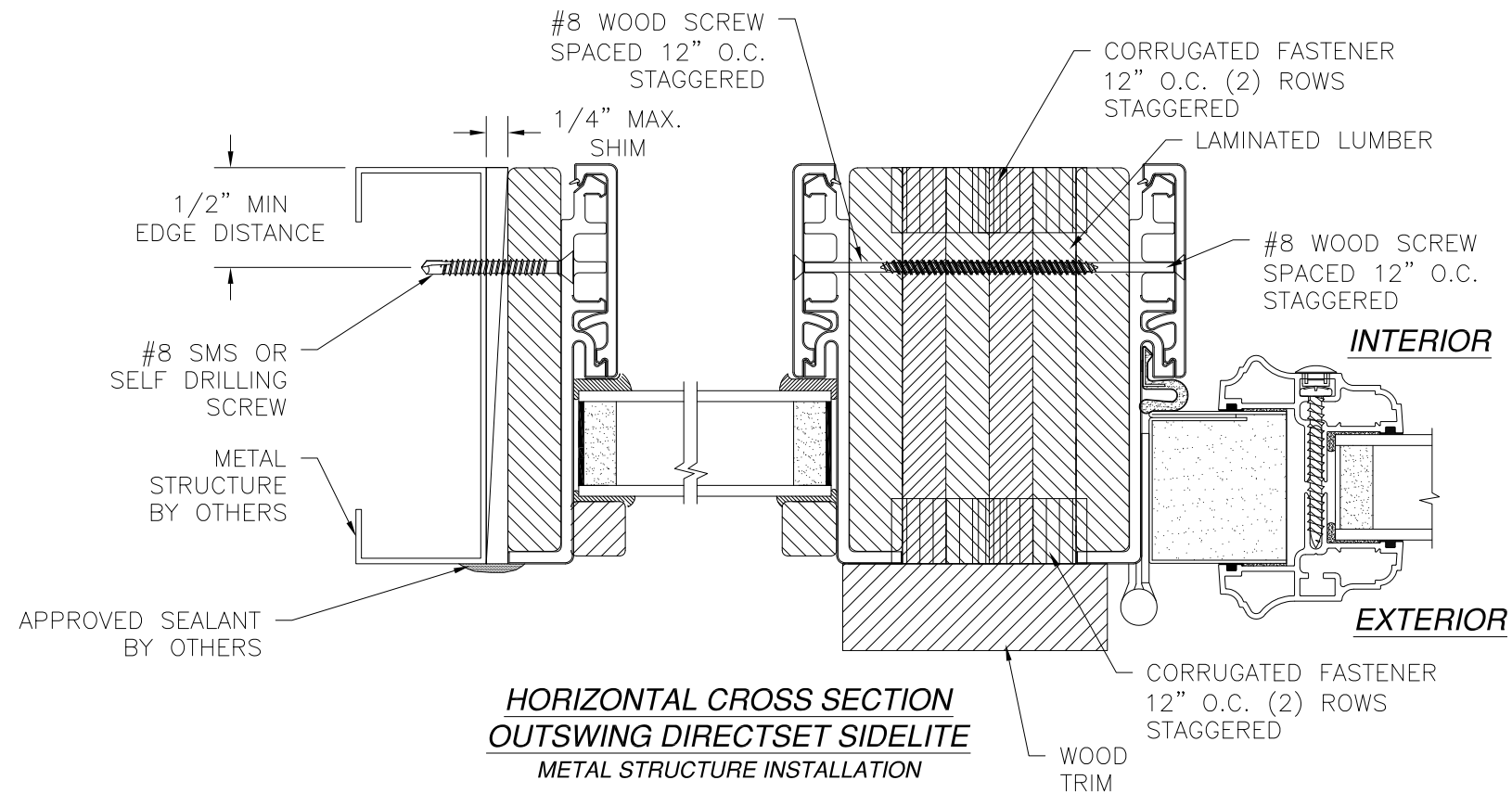
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 01/08/2020

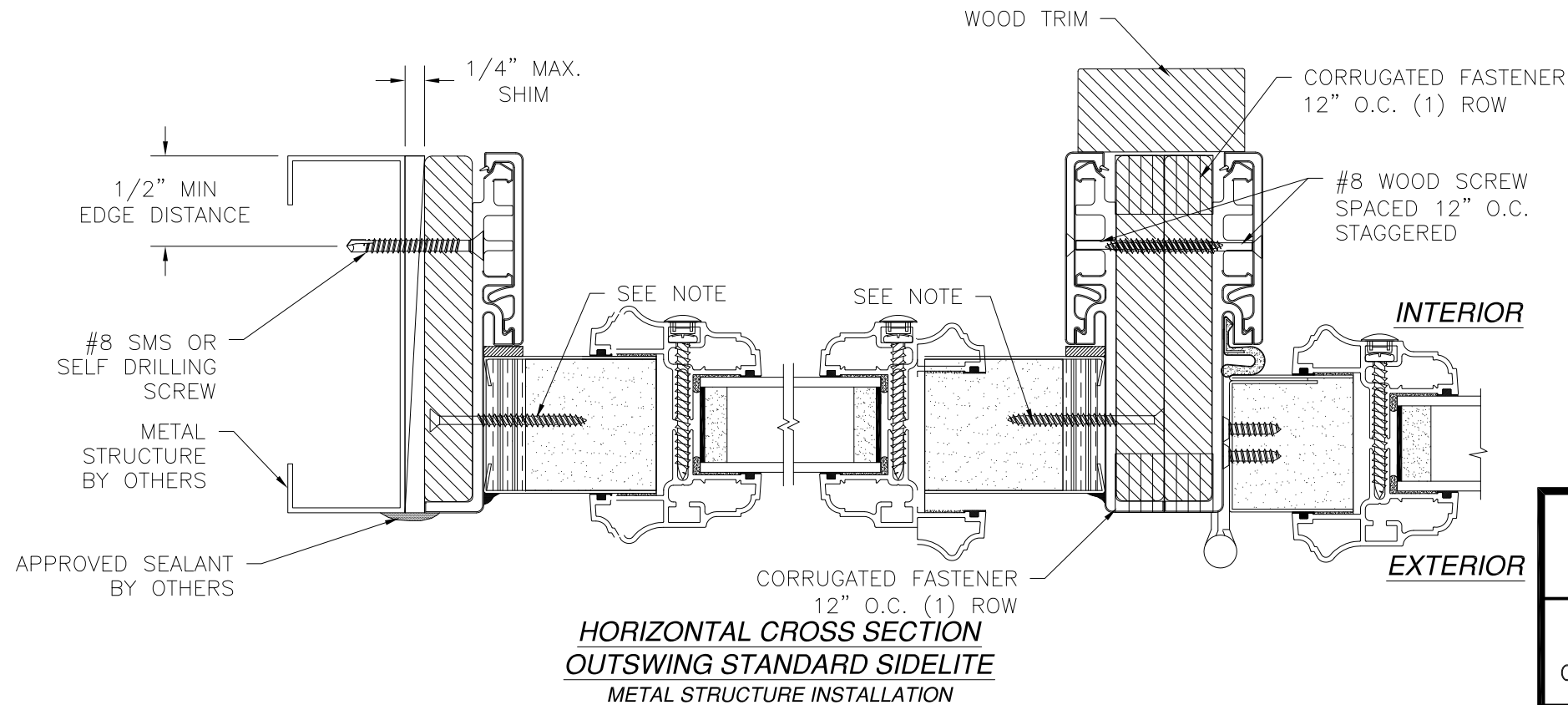
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 25 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



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



**HORIZONTAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
METAL STRUCTURE INSTALLATION**



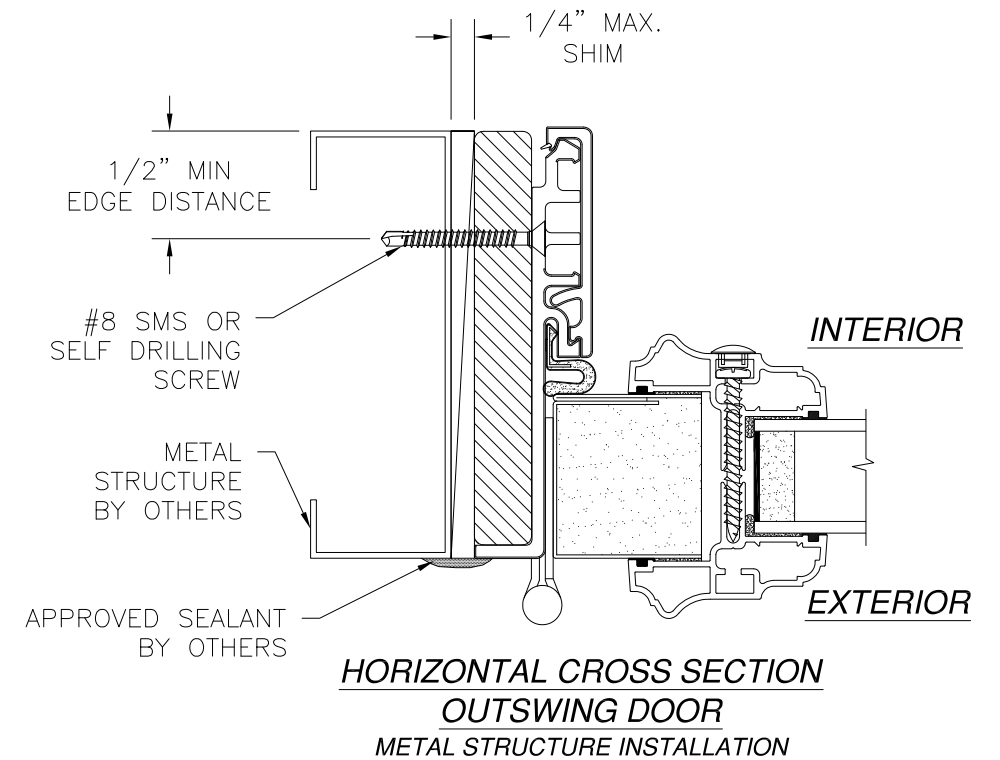
**HORIZONTAL CROSS SECTION
OUTSWING STANDARD SIDELITE
METAL STRUCTURE INSTALLATION**

NOTES:

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

STANDARD SIDELITE PANEL ATTACHMENT:
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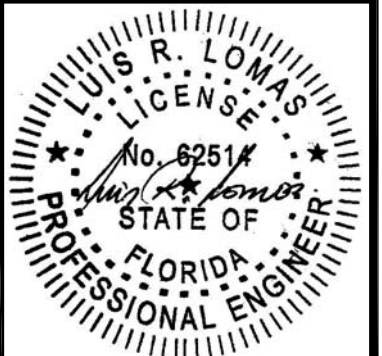
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



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

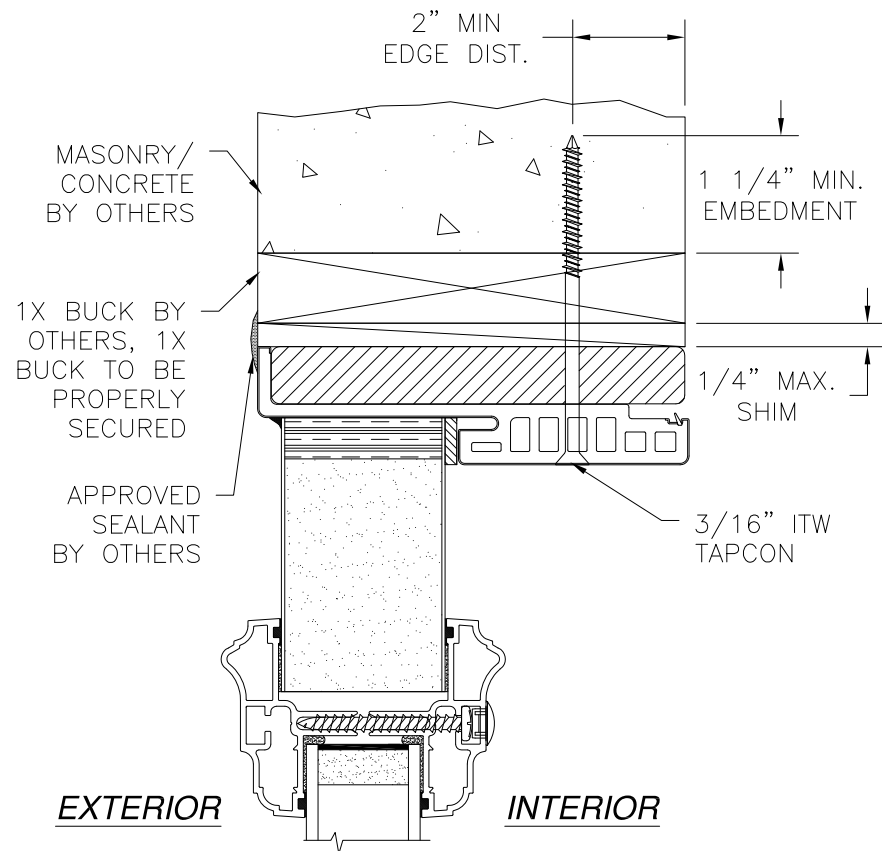
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 26 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

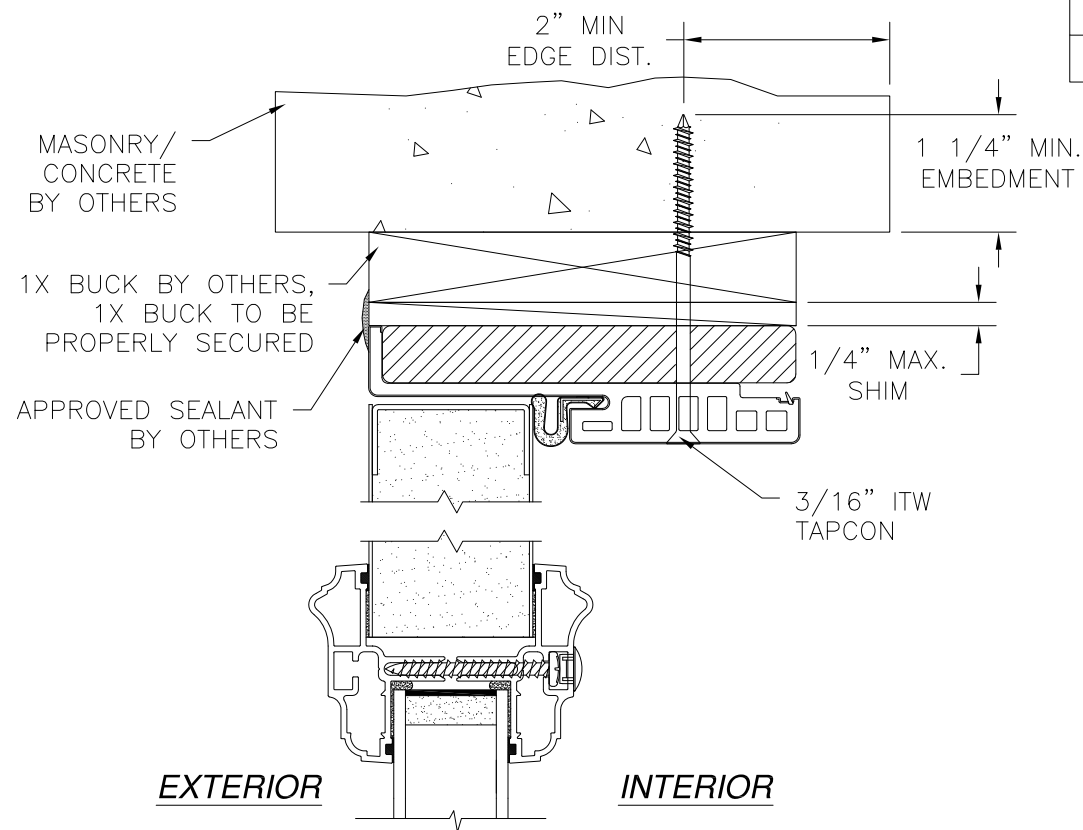


Luis R. Lomas P.E.
FL No.: 62514

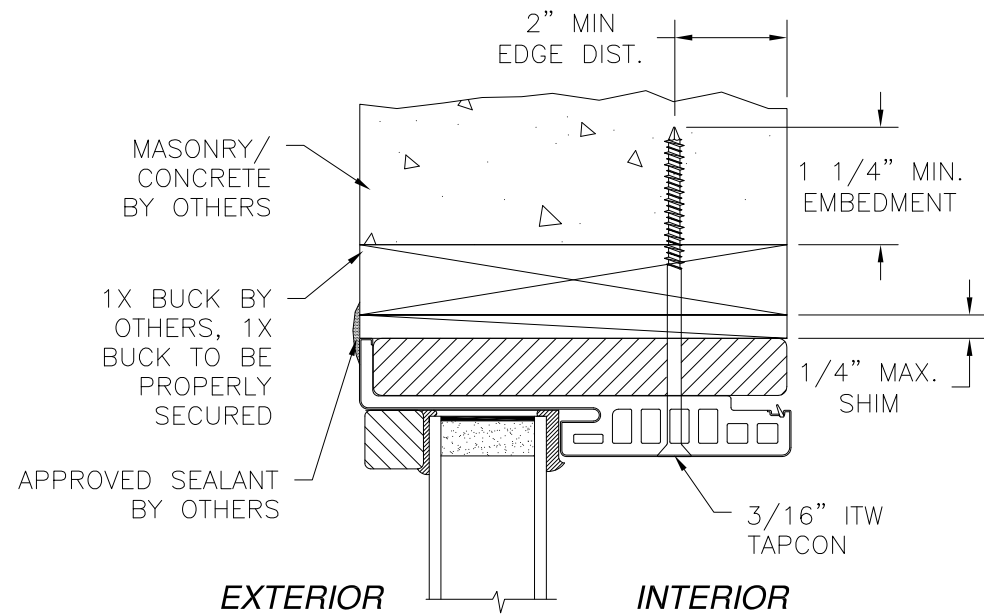
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**VERTICAL CROSS SECTION
OUTSWING STANDARD SIDELITE
MASONRY/CONCRETE INSTALLATION**



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

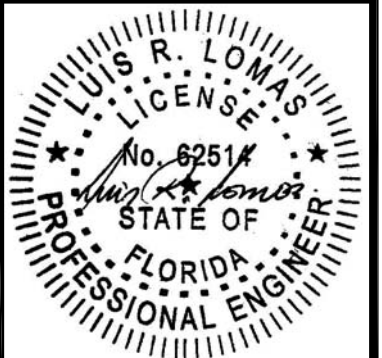


**VERTICAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
MASONRY/CONCRETE INSTALLATION**

- 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

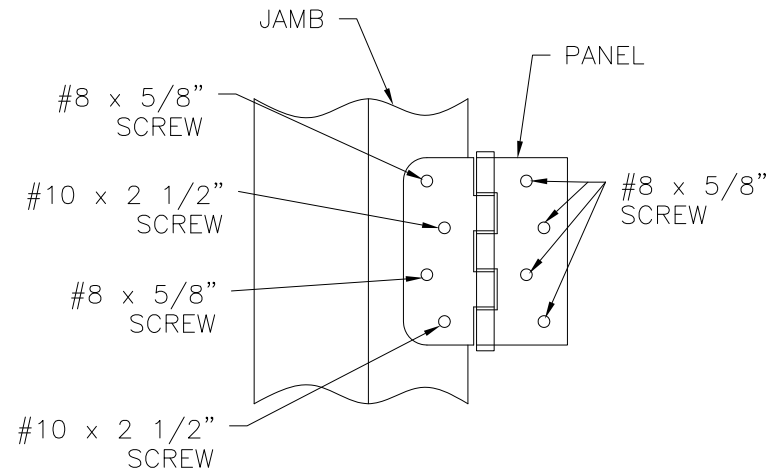
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 27 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

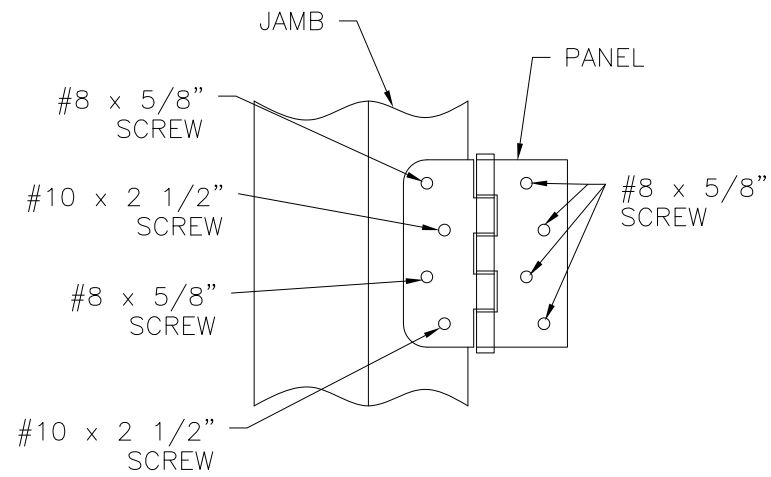


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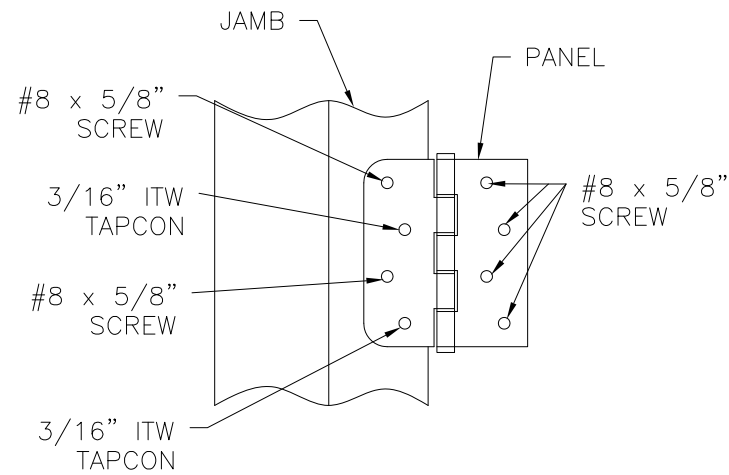
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



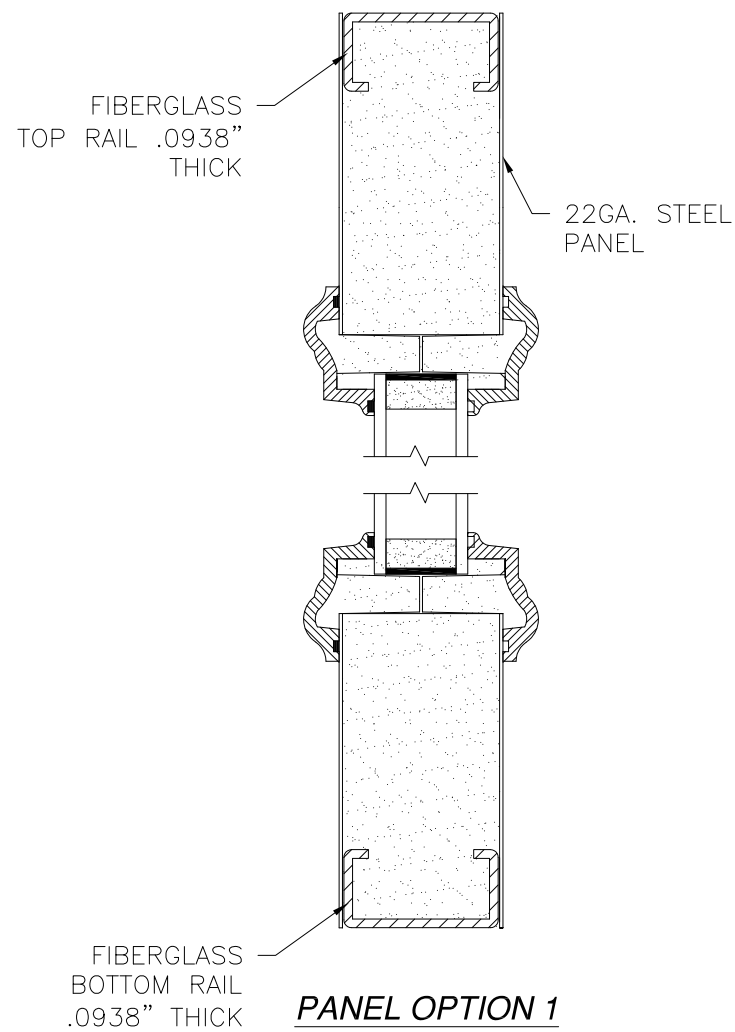
HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION



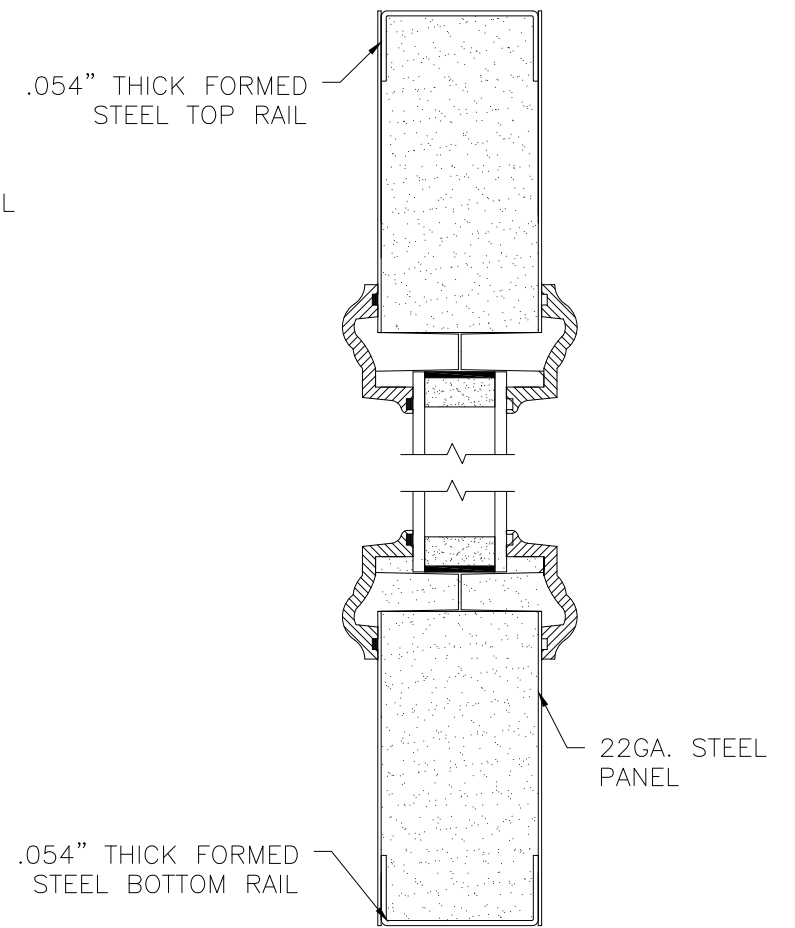
HINGE INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION



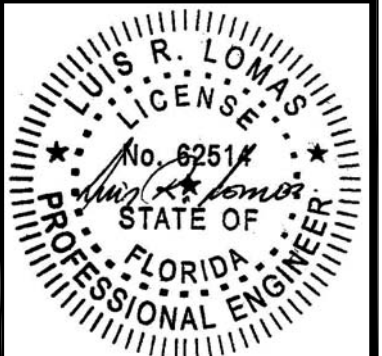
PANEL OPTION 1



PANEL OPTION 2

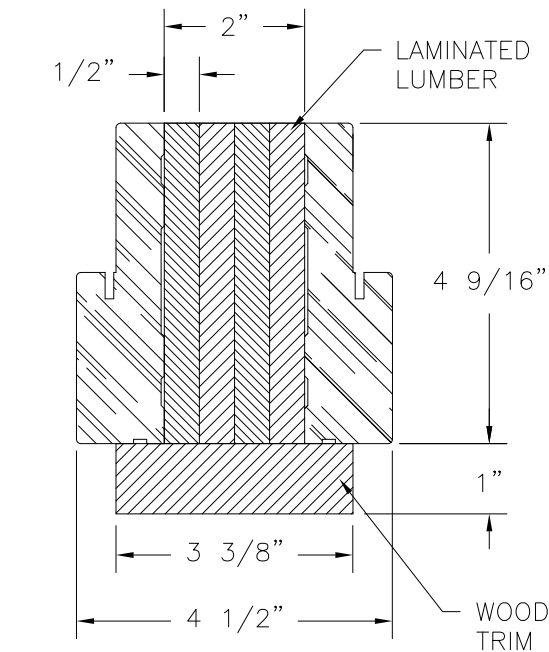
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT COMPONENTS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 29 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

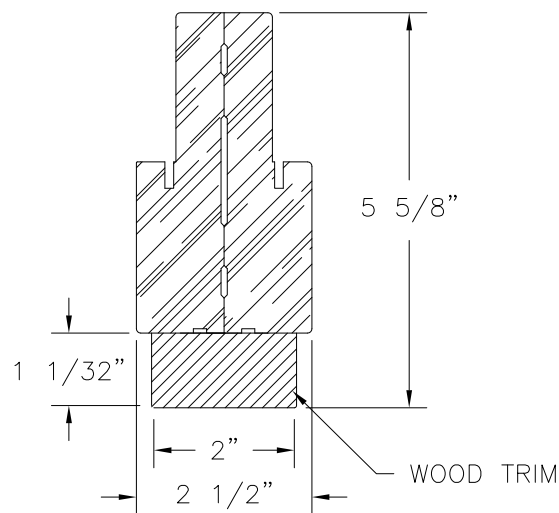


Luis R. Lomas P.E.
FL No.: 62514

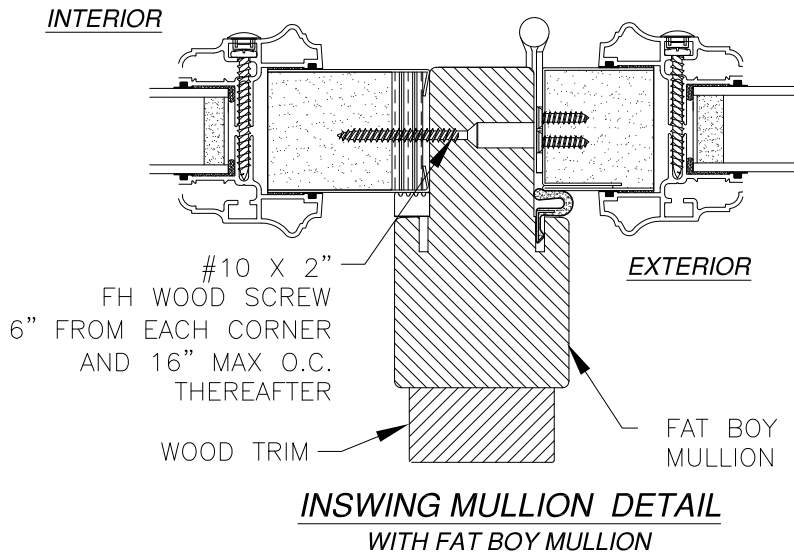
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REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



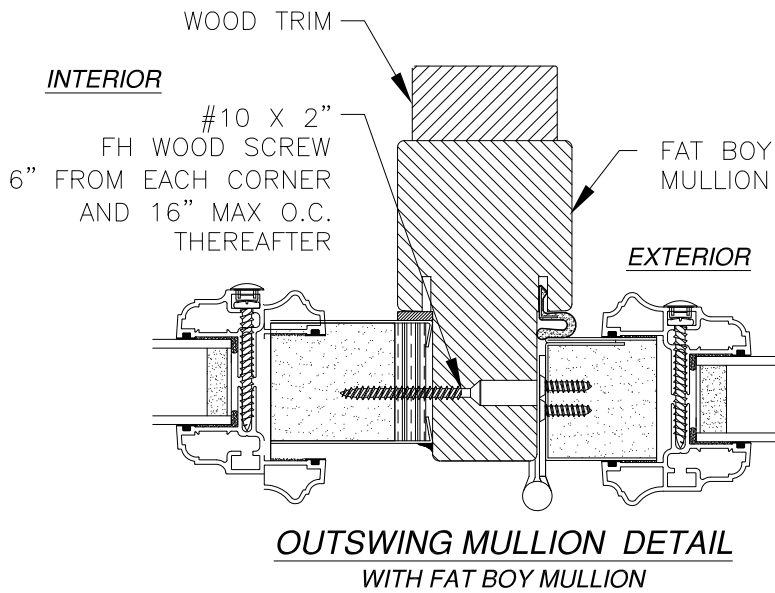
DIRECT SET MULLION DETAIL
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR



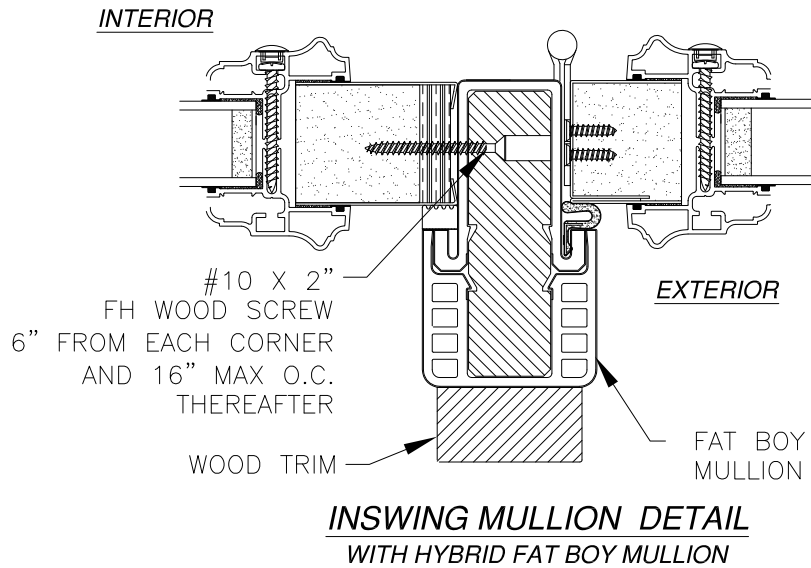
STANDARD MULLION DETAIL
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR



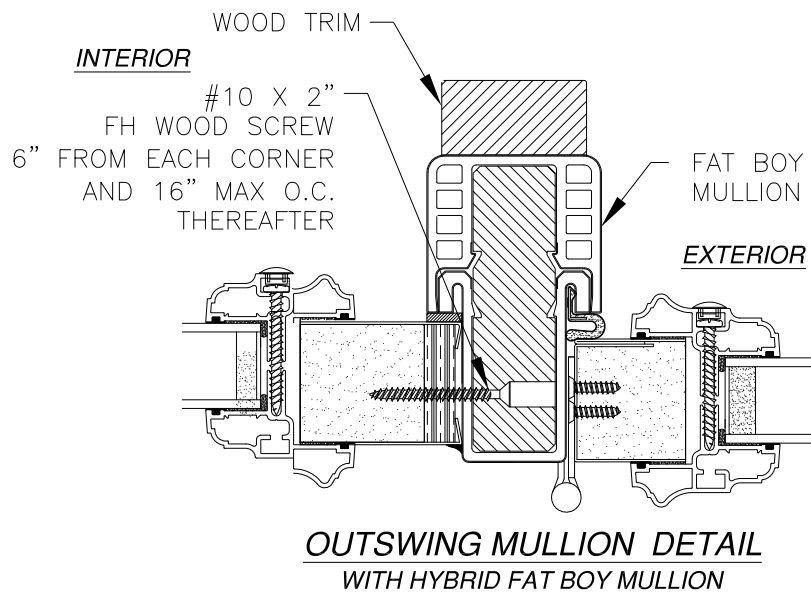
INSWING MULLION DETAIL
WITH FAT BOY MULLION



OUTSWING MULLION DETAIL
WITH FAT BOY MULLION



INSWING MULLION DETAIL
WITH HYBRID FAT BOY MULLION



OUTSWING MULLION DETAIL
WITH HYBRID FAT BOY MULLION

SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
MULLION DETAILS

DRAWN: TJH

DWG NO. 08-00983

REV F

SCALE NTS

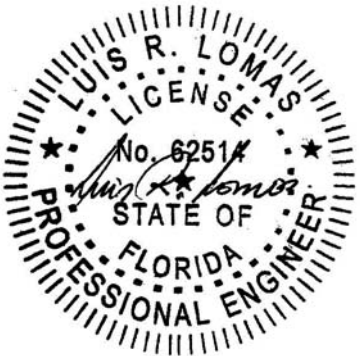
DATE 04/23/10

SHEET 30 OF 32

L. ROBERTO LOMAS P.E.

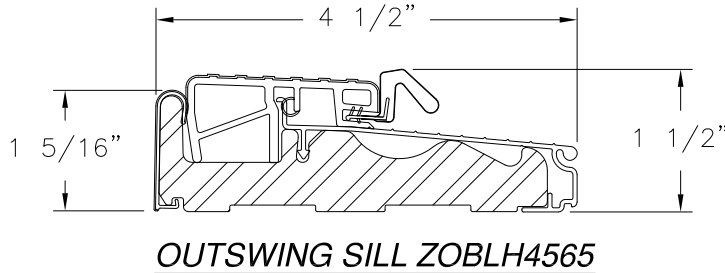
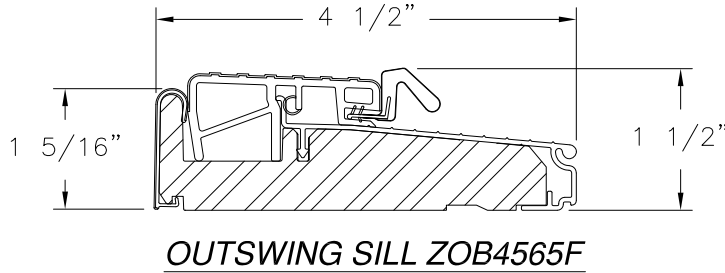
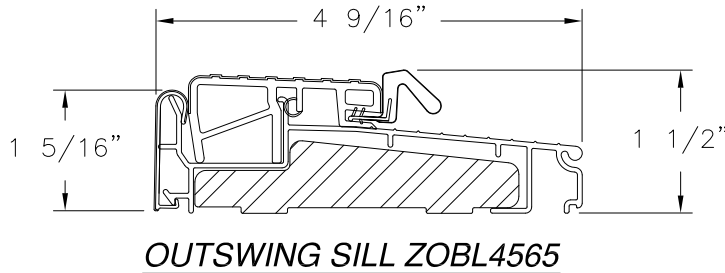
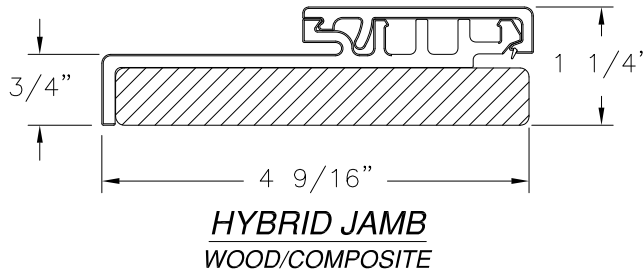
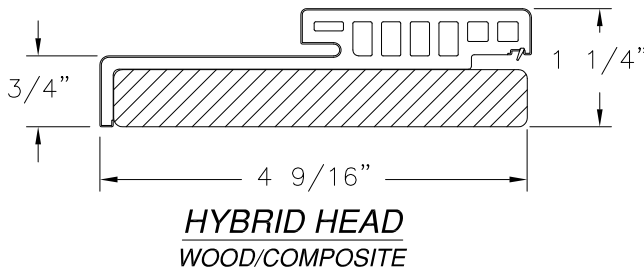
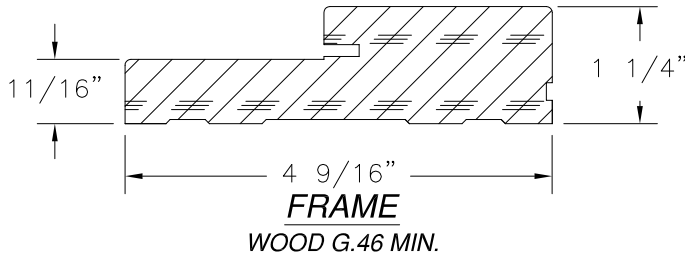
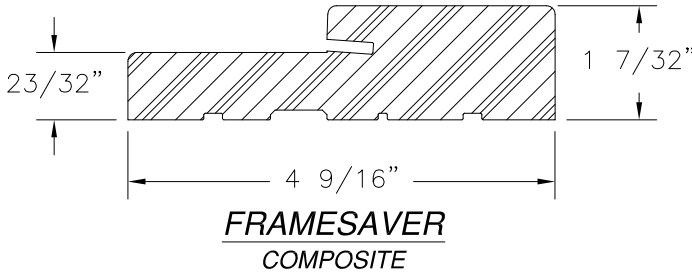
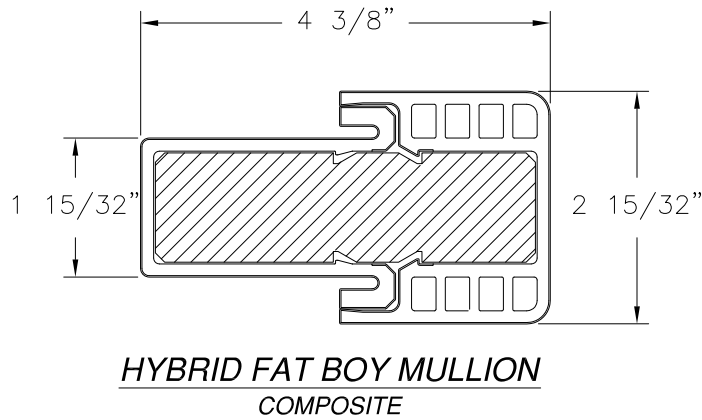
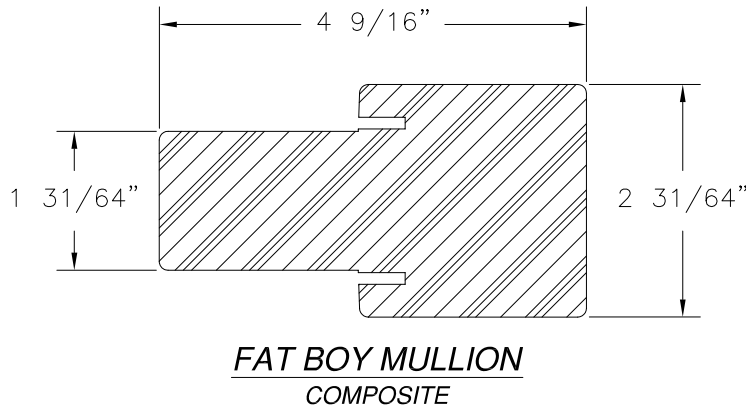
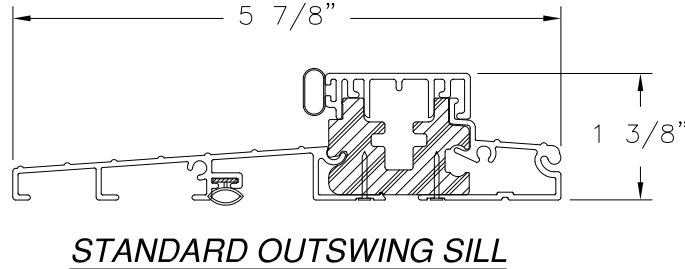
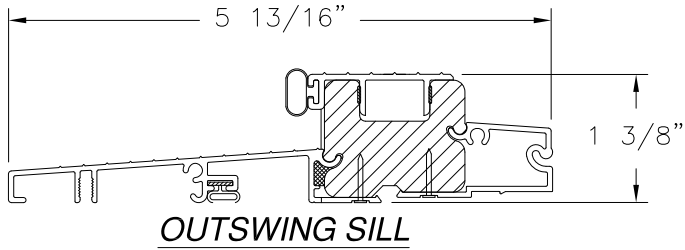
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com



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

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



SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

22GA. STEEL GLAZED DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
COMPONENTS

DRAWN: TJH

DWG NO. 08-00983

REV F

SCALE NTS

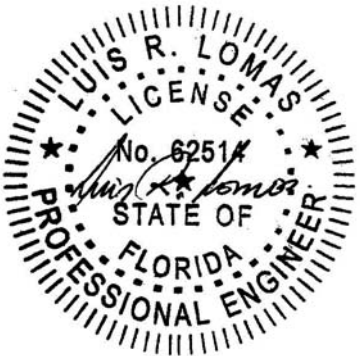
DATE 04/23/10

SHEET 31 OF 32

L. ROBERTO LOMAS P.E.

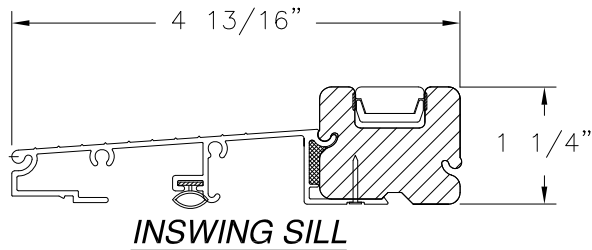
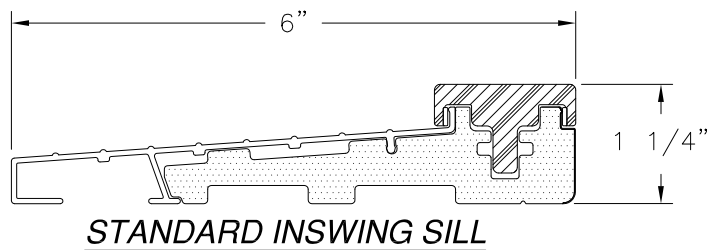
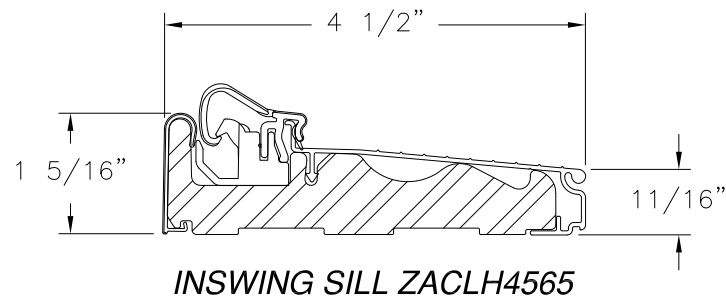
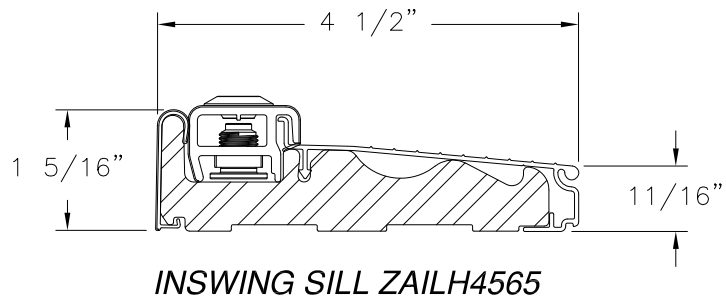
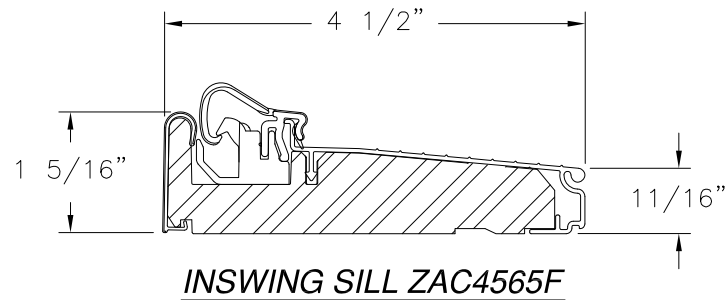
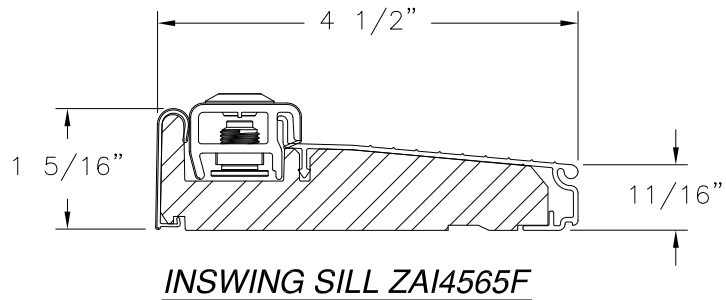
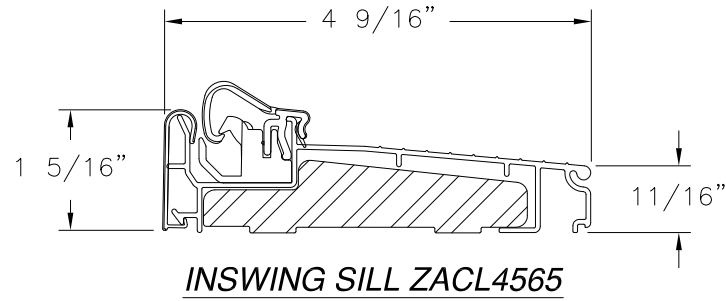
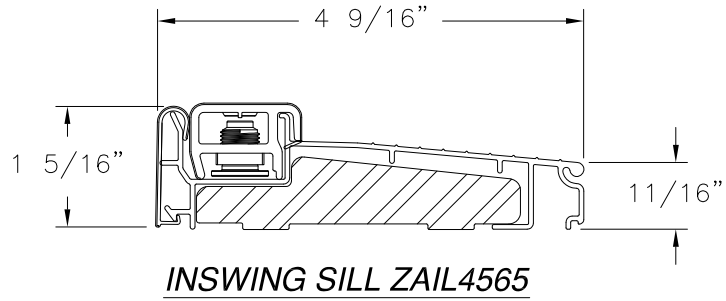
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com



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

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



PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL GLAZED DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT COMPONENTS		
DRAWN: TJH	DWG NO. 08-00983	REV F
SCALE NTS	DATE 04/23/10	SHEET 32 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 01/08/2020



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