

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" TAPCON OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" 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 RAIL. SEE SHEET 4 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 OR F-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 OPAQUE DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
NOTES

DRAWN:
TJH

DWG NO.
08-00982

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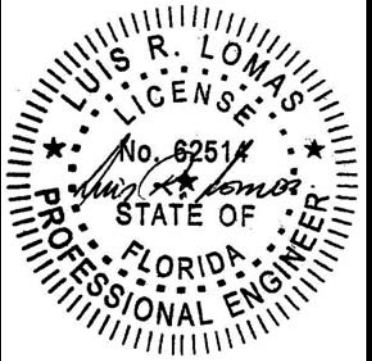
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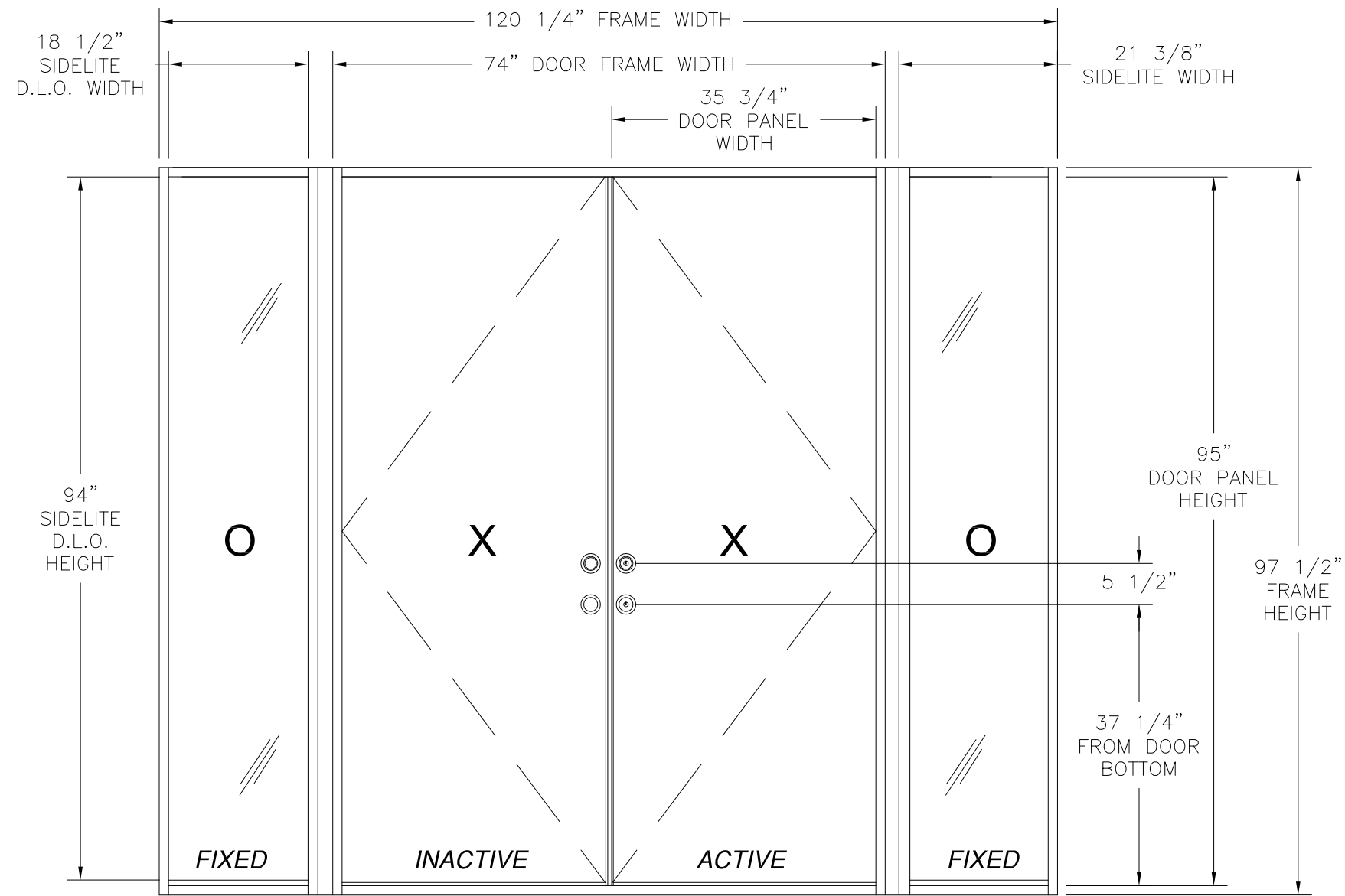
SHEET 1 OF 32

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

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	

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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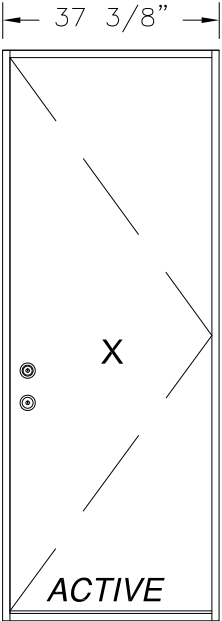
22GA. STEEL OPAQUE DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
ELEVATIONS

DRAWN: TJH	DWG NO. 08-00982	REV F
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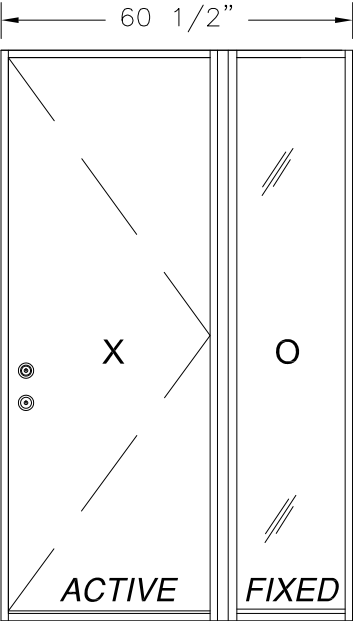
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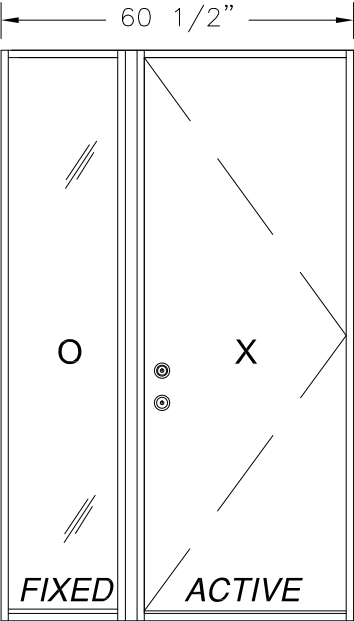
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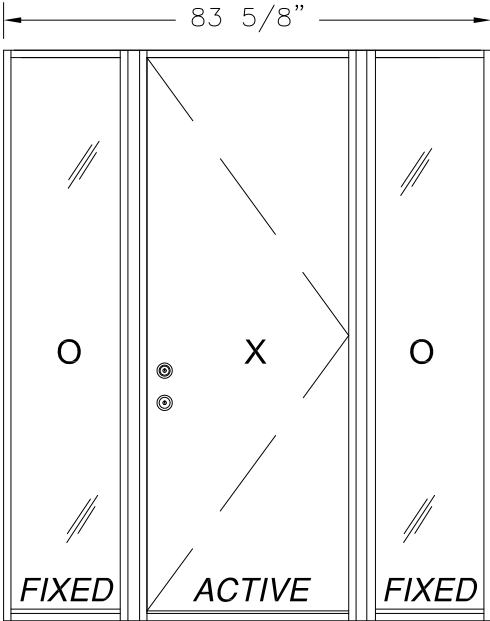
SINGLE
EXTERIOR VIEW



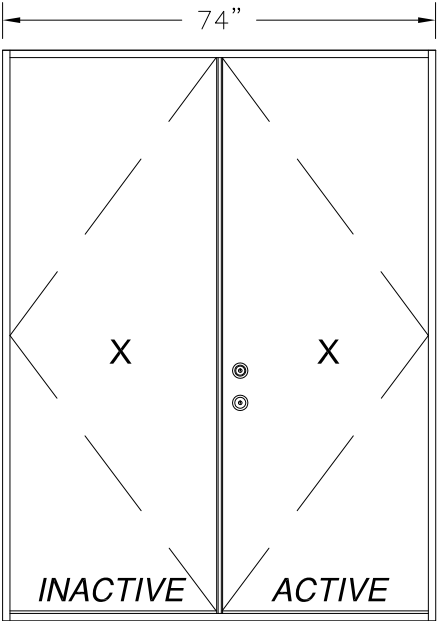
SINGLE W/SIDELITE
EXTERIOR VIEW



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 95" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.58 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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ADDITIONAL CONFIGURATIONS AND HARDWARE

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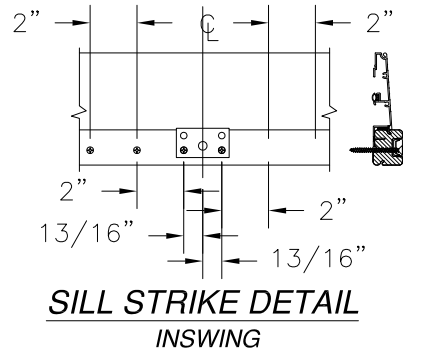
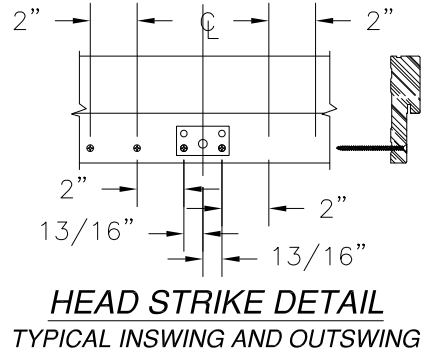
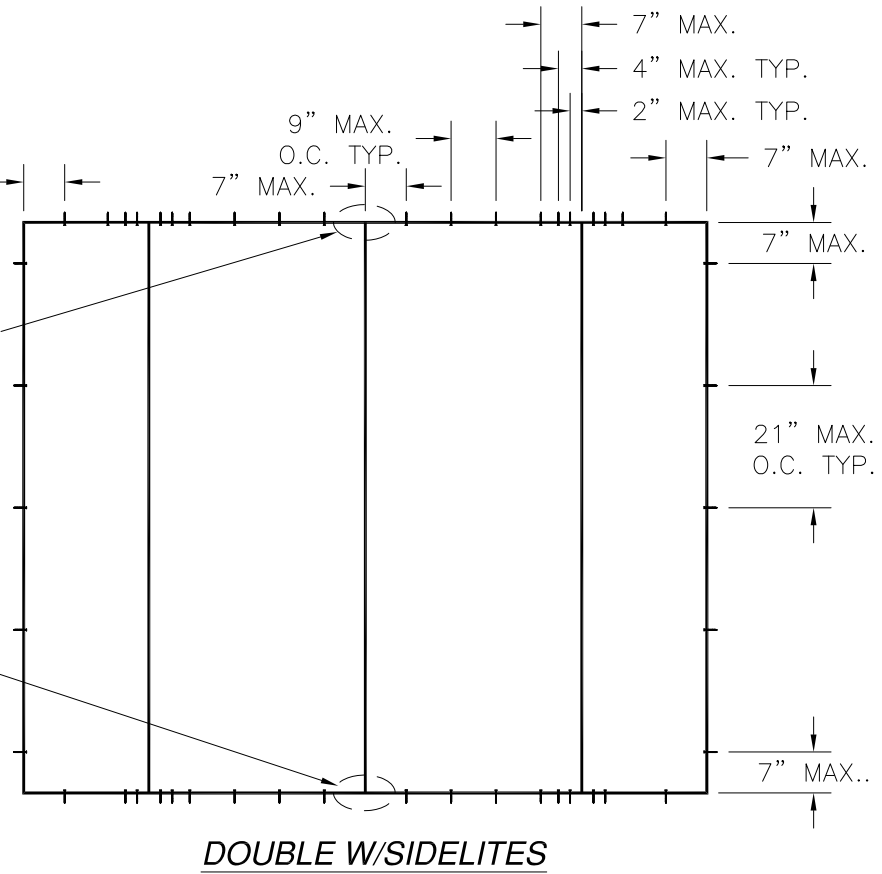
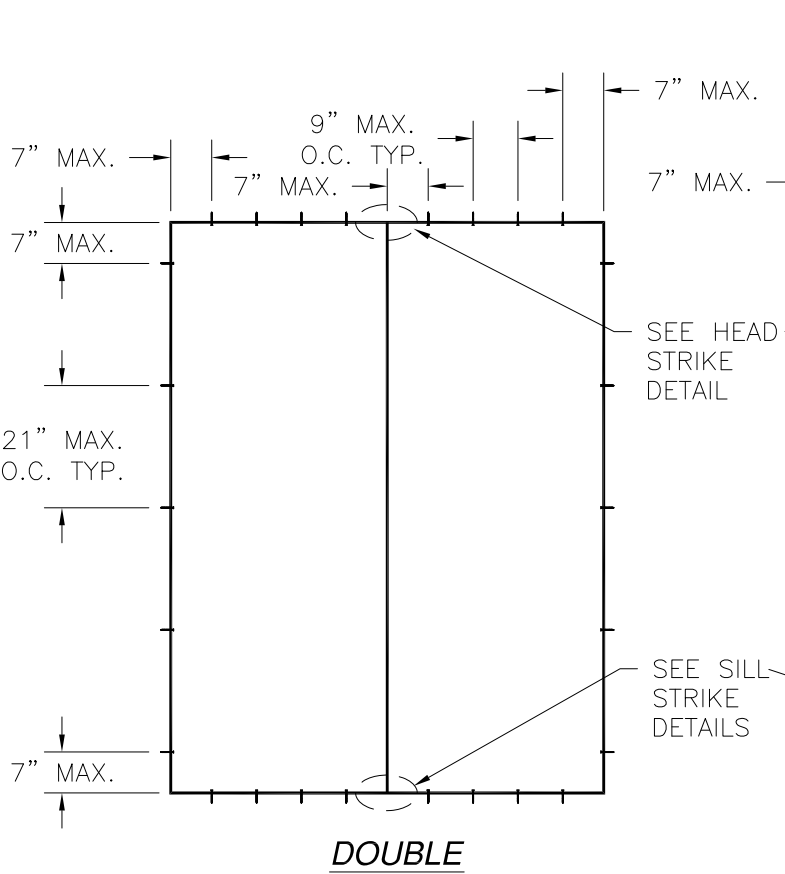
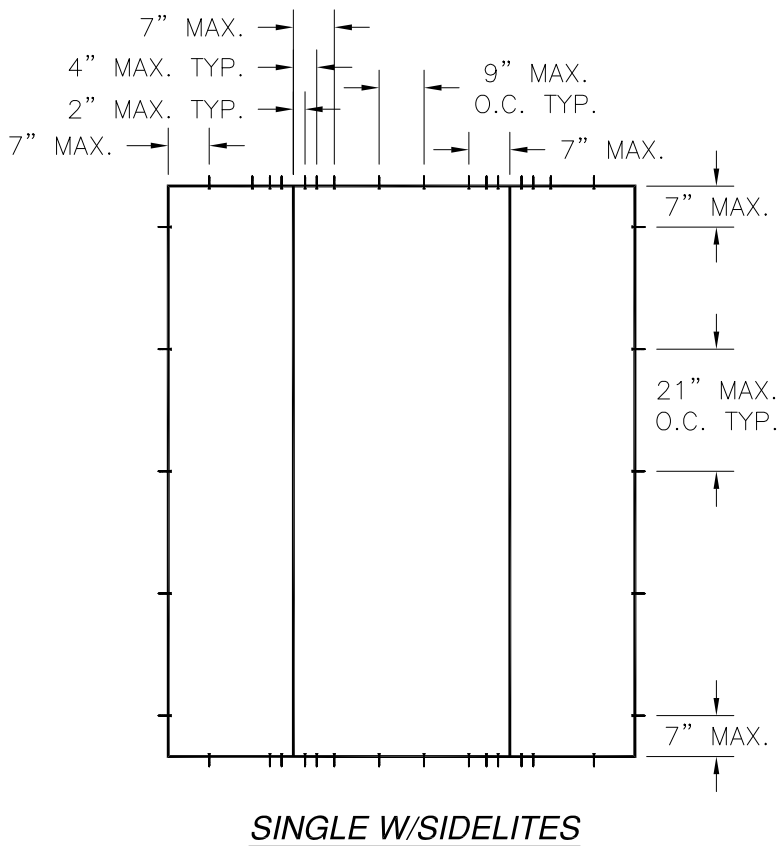
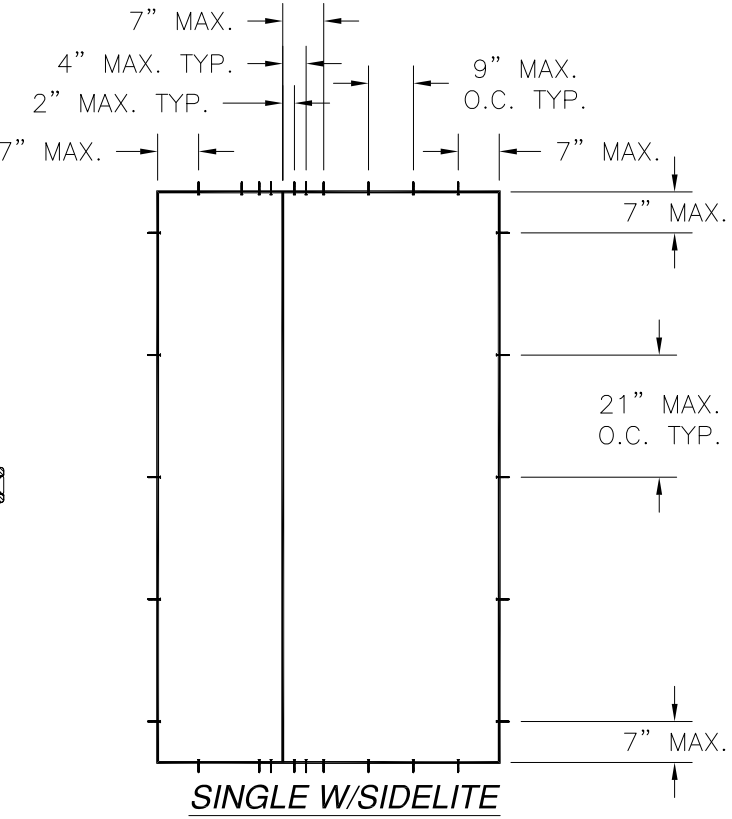
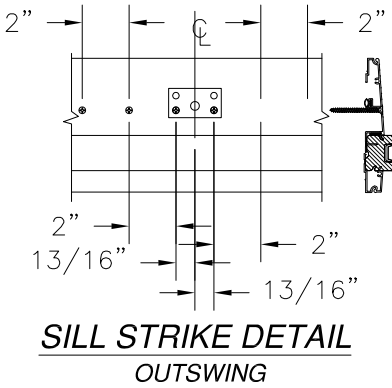
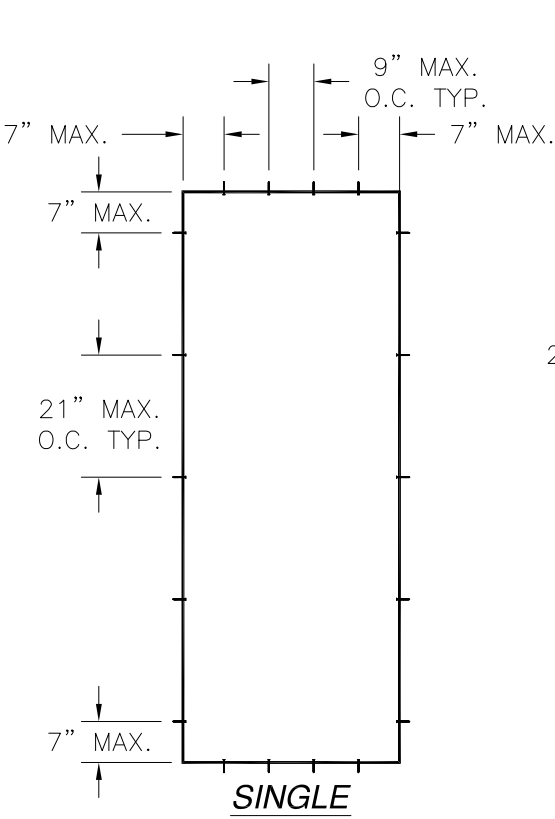
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SHEET
3 OF 32

L. ROBERTO LOMAS P.E.
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22GA. STEEL OPAQUE DOOR IS/OS
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ANCHORING LAYOUTS AND DETAILS

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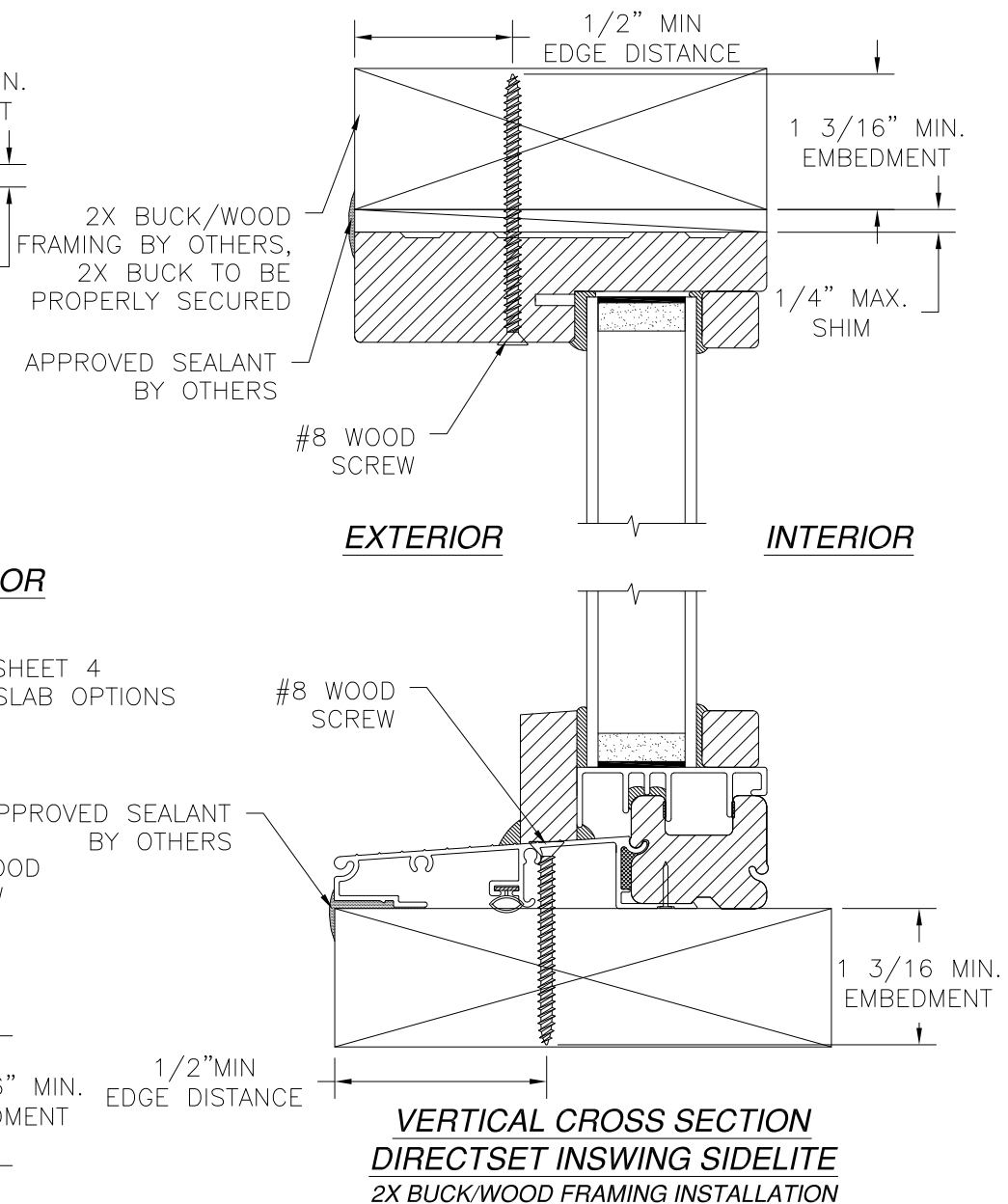
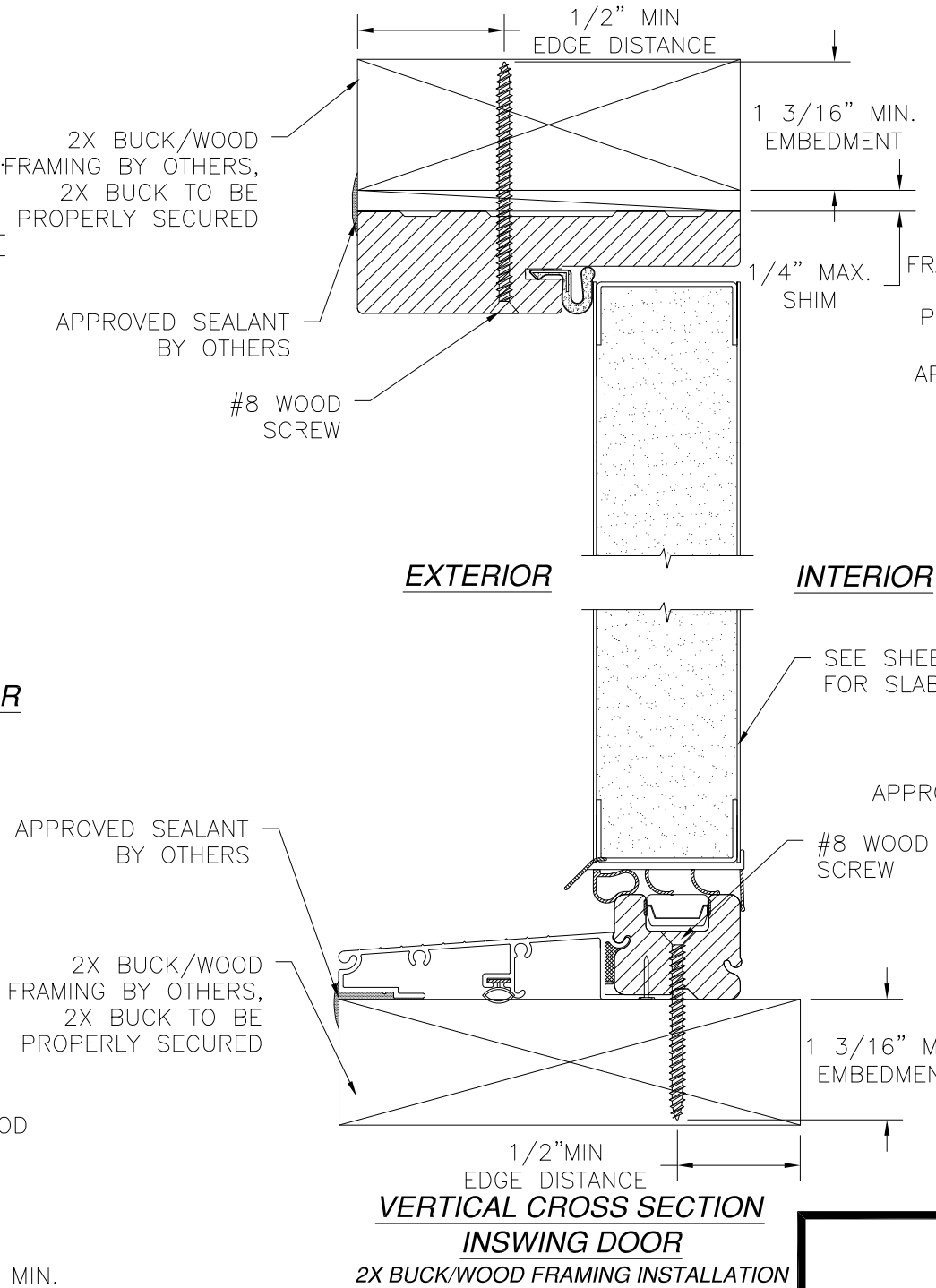
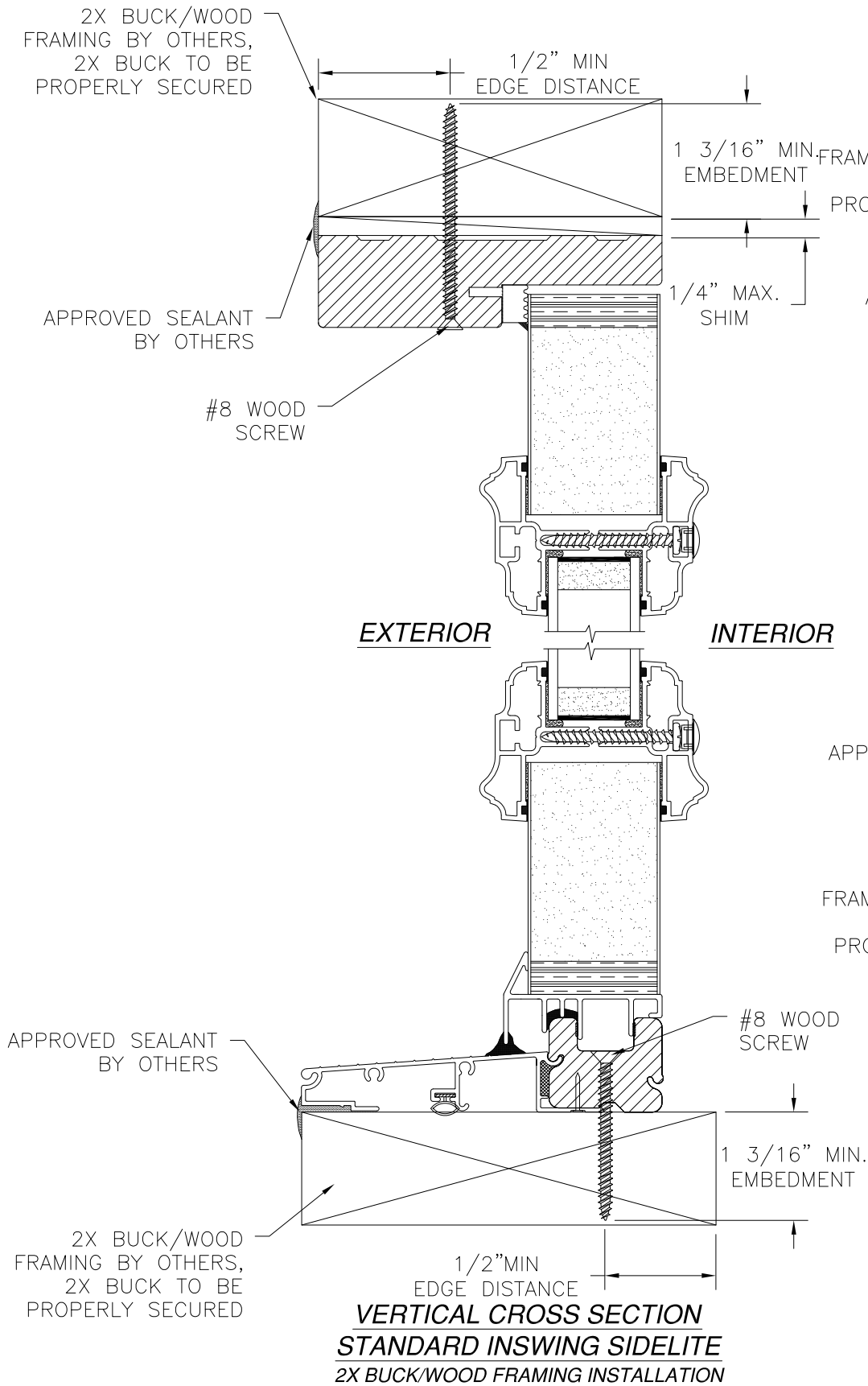
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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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22GA. STEEL OPAQUE DOOR IS/OS
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INSWING INSTALLATION DETAILS

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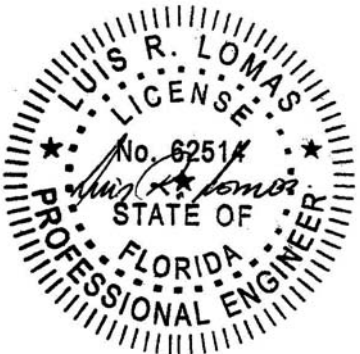
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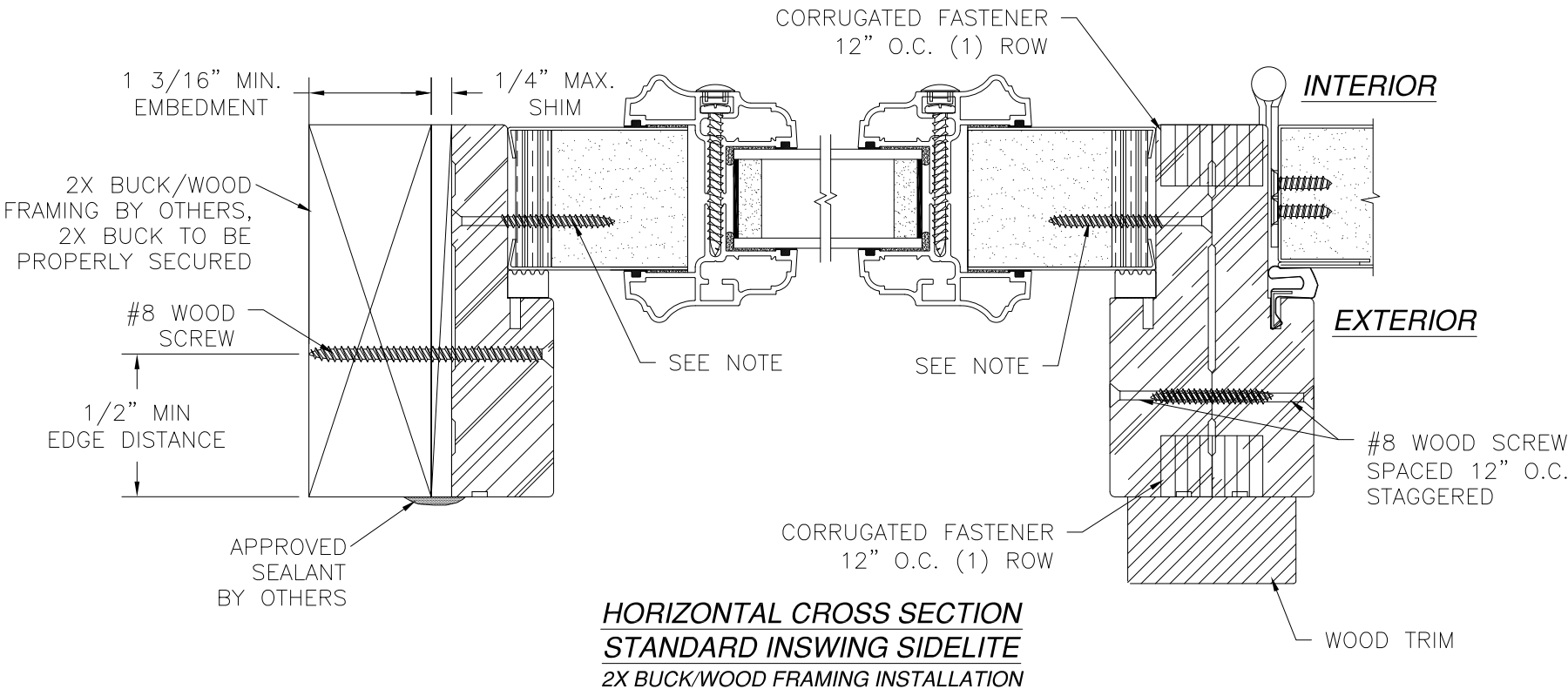
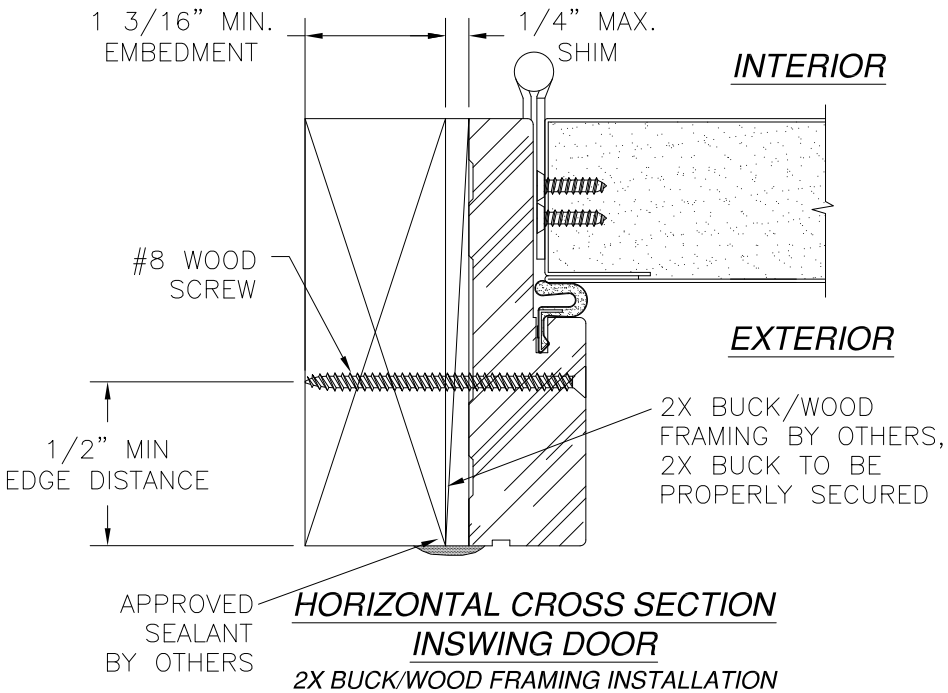
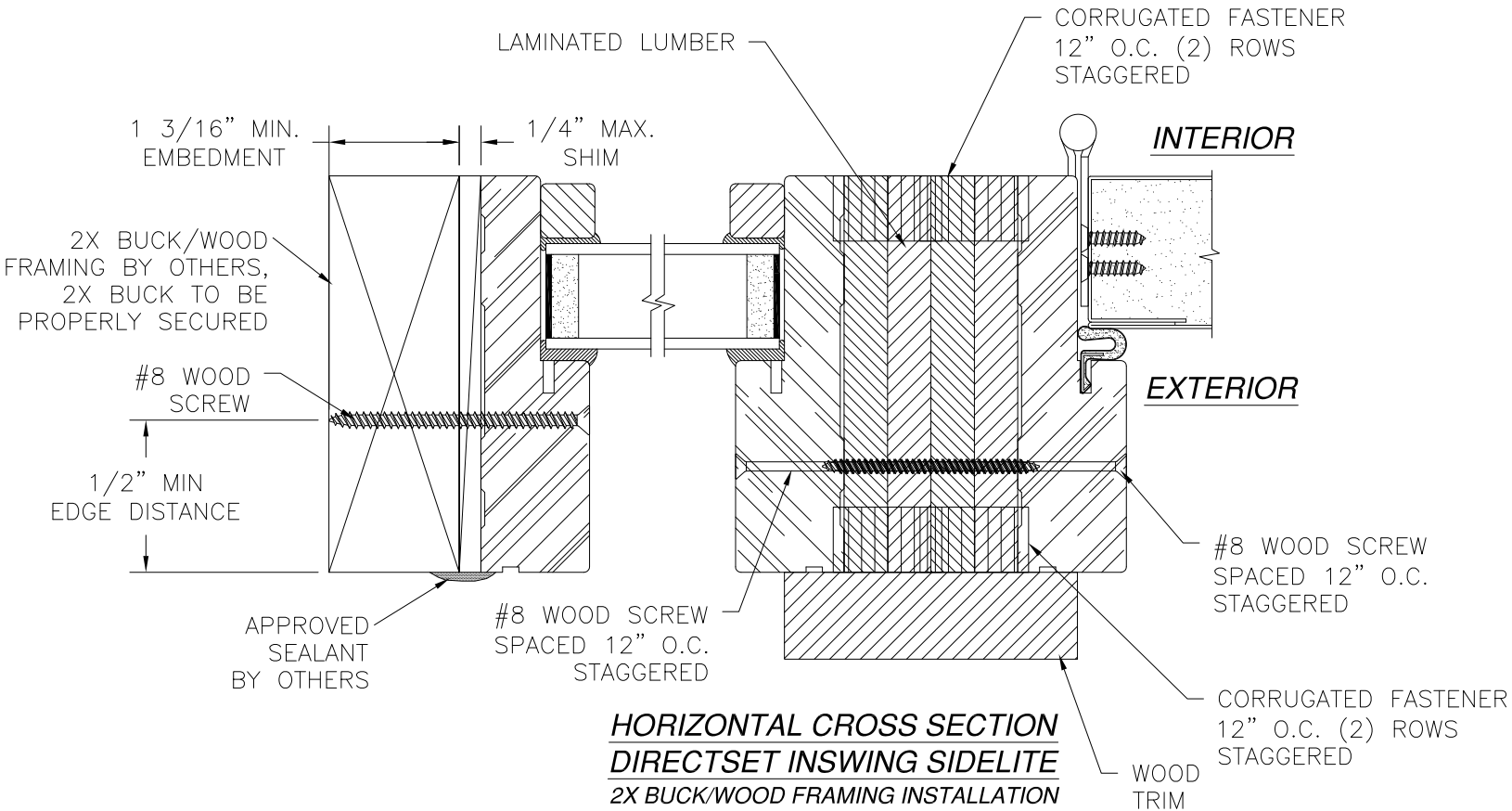
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STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

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SHEET 6 OF 32

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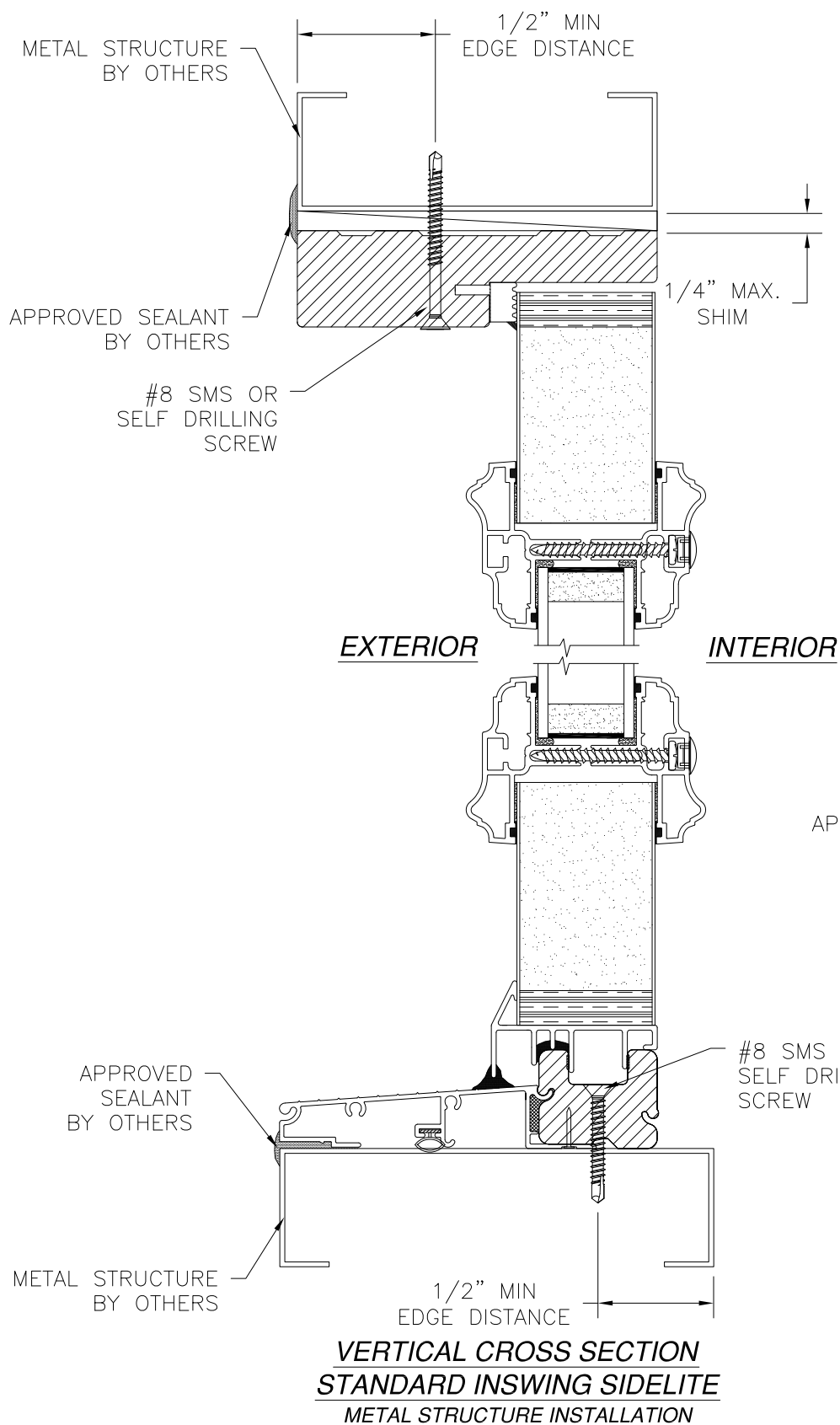
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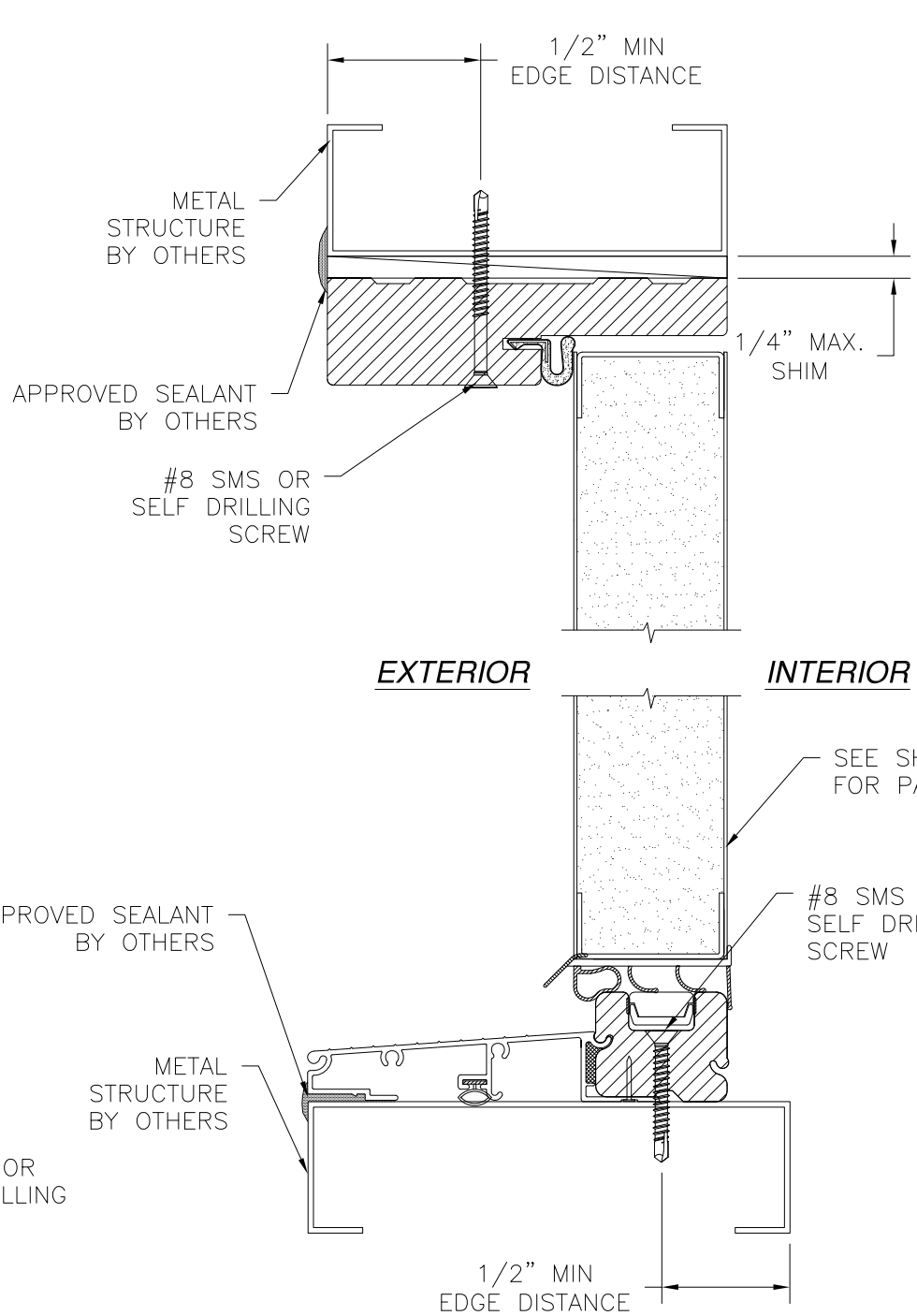
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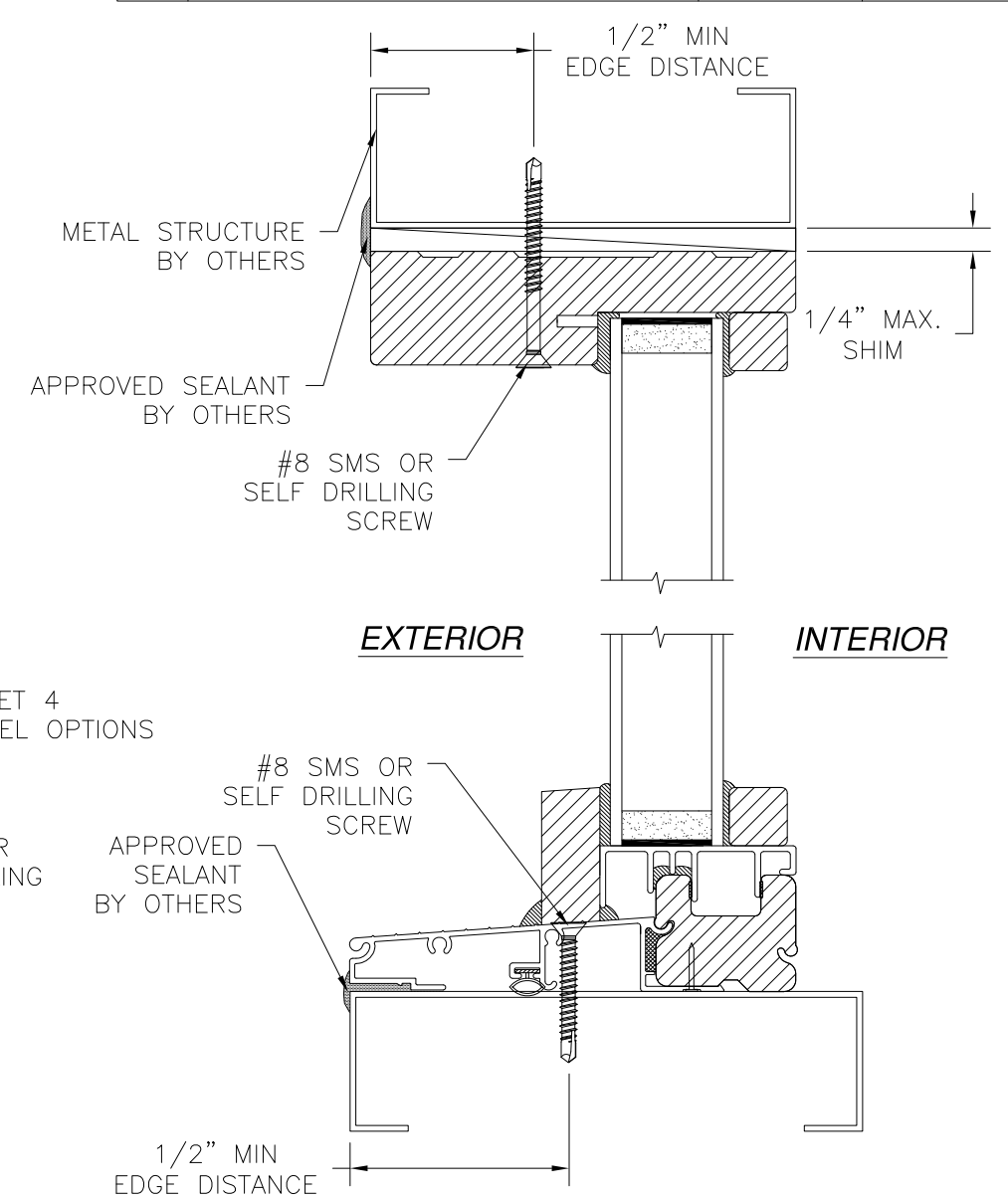
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**VERTICAL CROSS SECTION
STANDARD INSWING SIDELITE
METAL STRUCTURE INSTALLATION**



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



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

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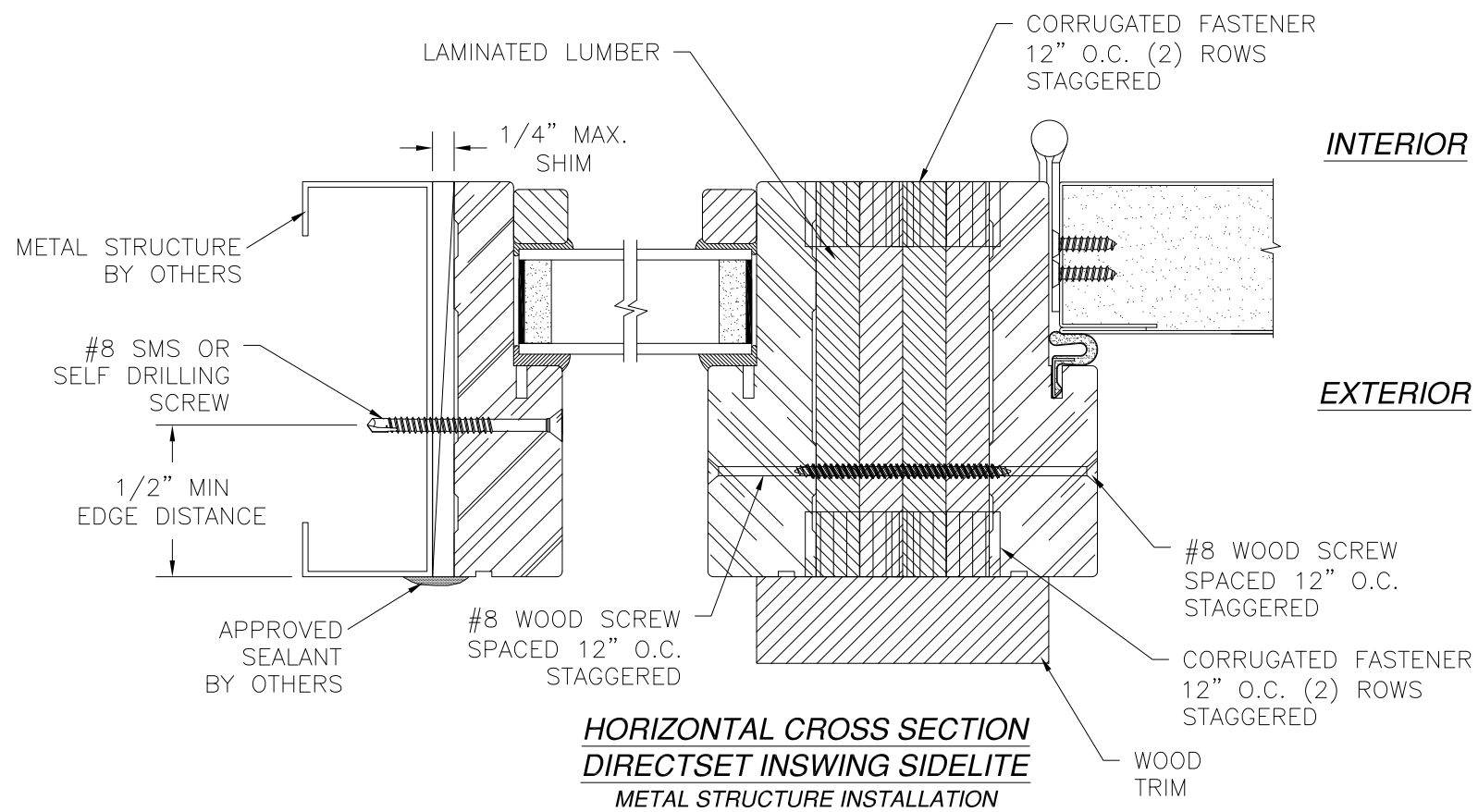
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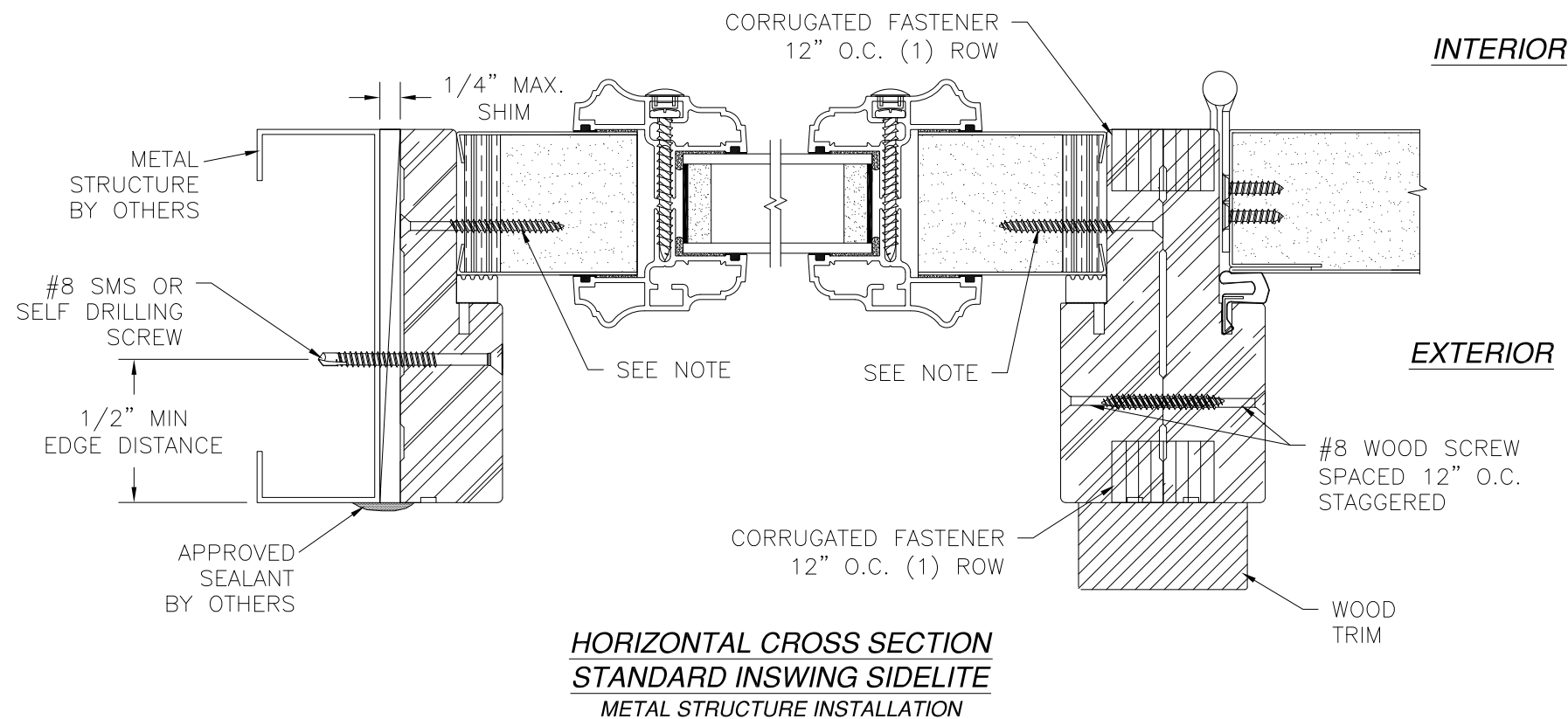
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**HORIZONTAL CROSS SECTION
DIRECTSET INSWING SIDELITE
METAL STRUCTURE INSTALLATION**

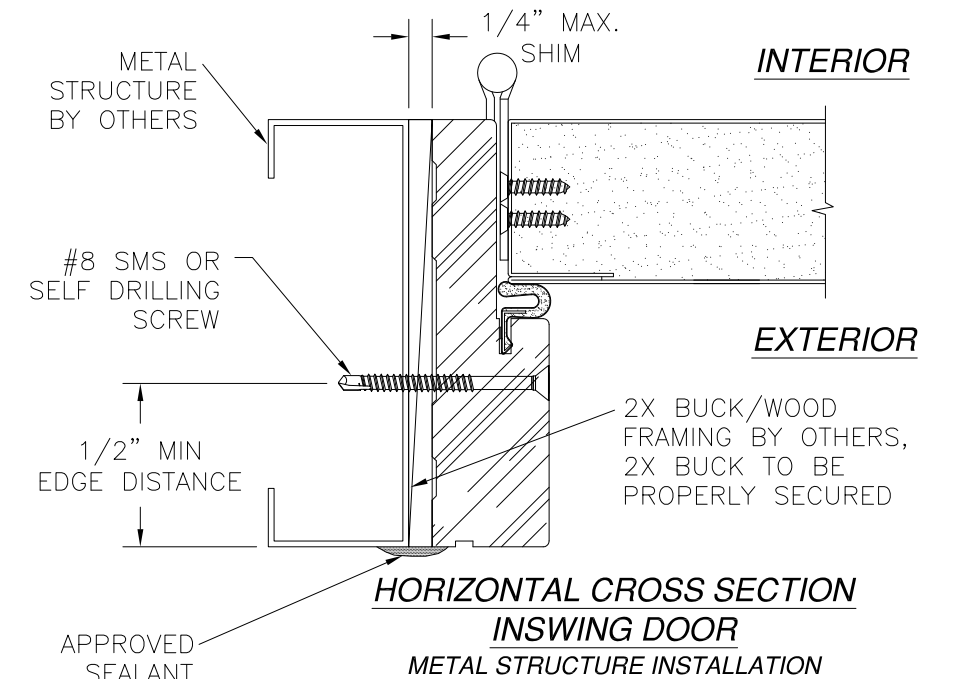


**HORIZONTAL CROSS SECTION
STANDARD INSWING SIDELITE
METAL STRUCTURE INSTALLATION**

STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8\"

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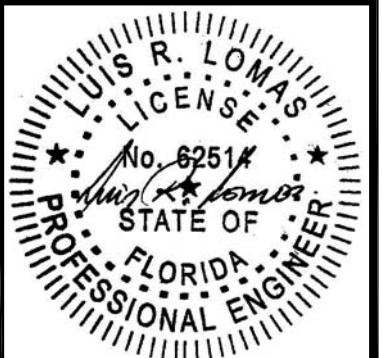
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**HORIZONTAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION**

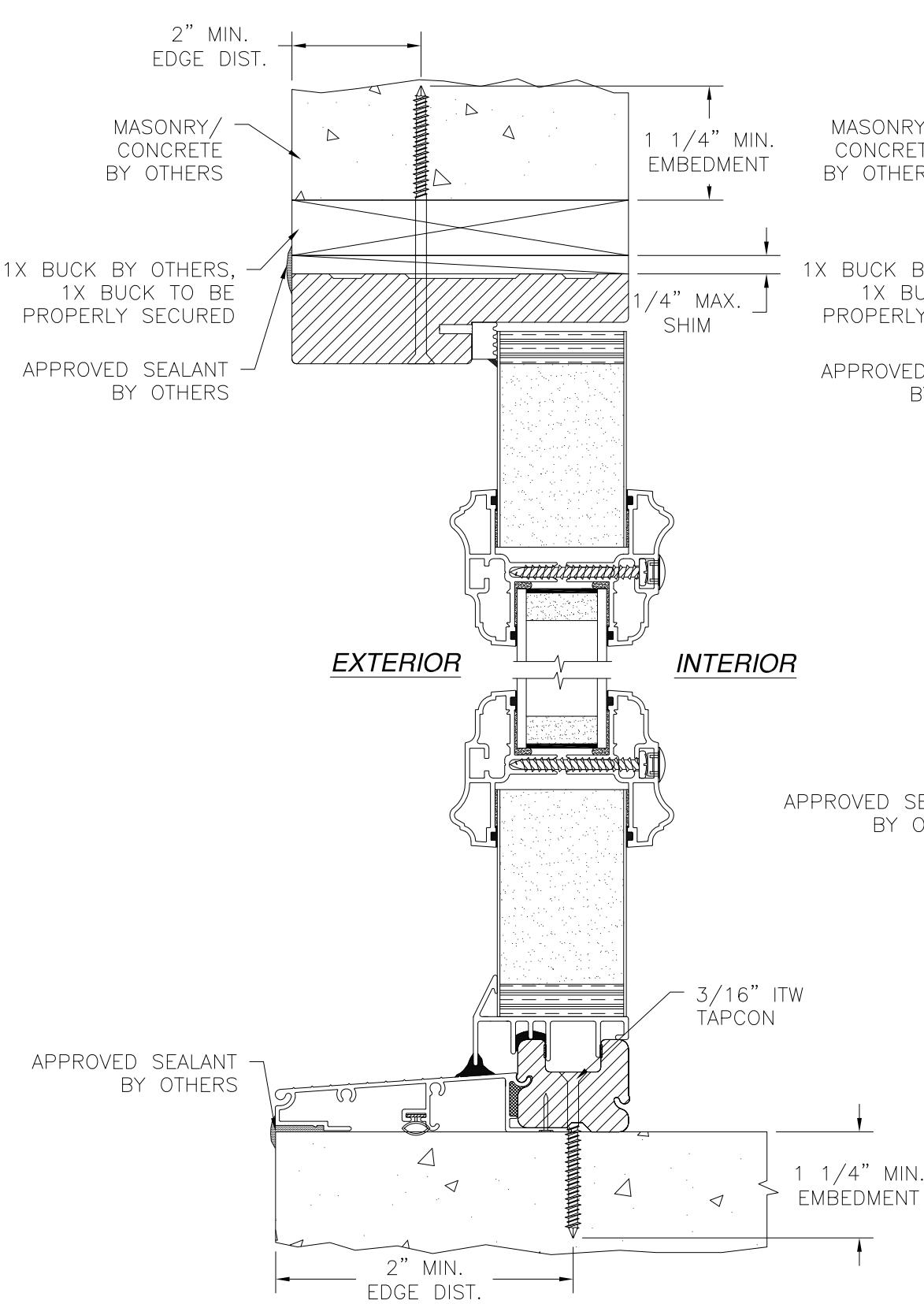
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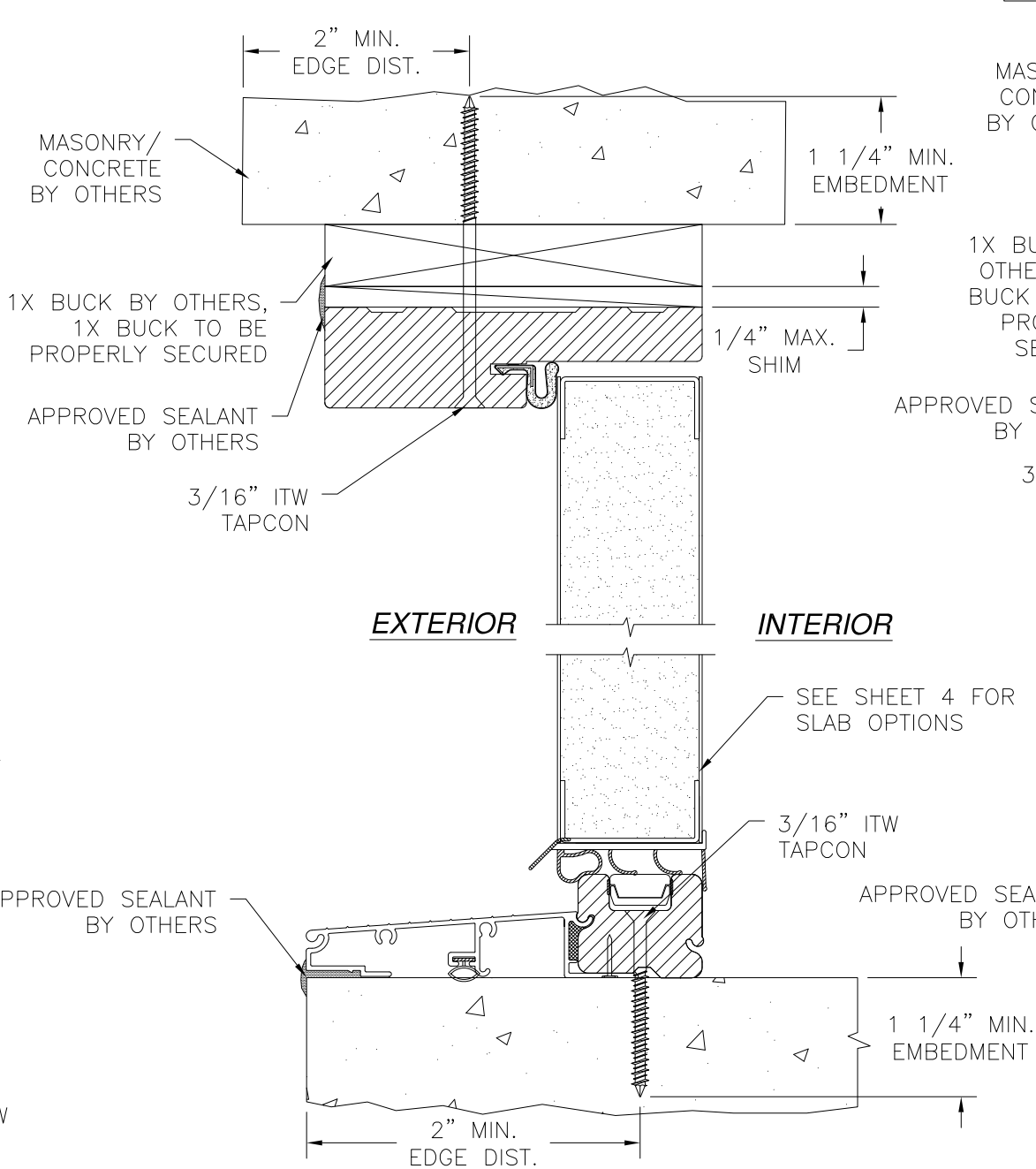


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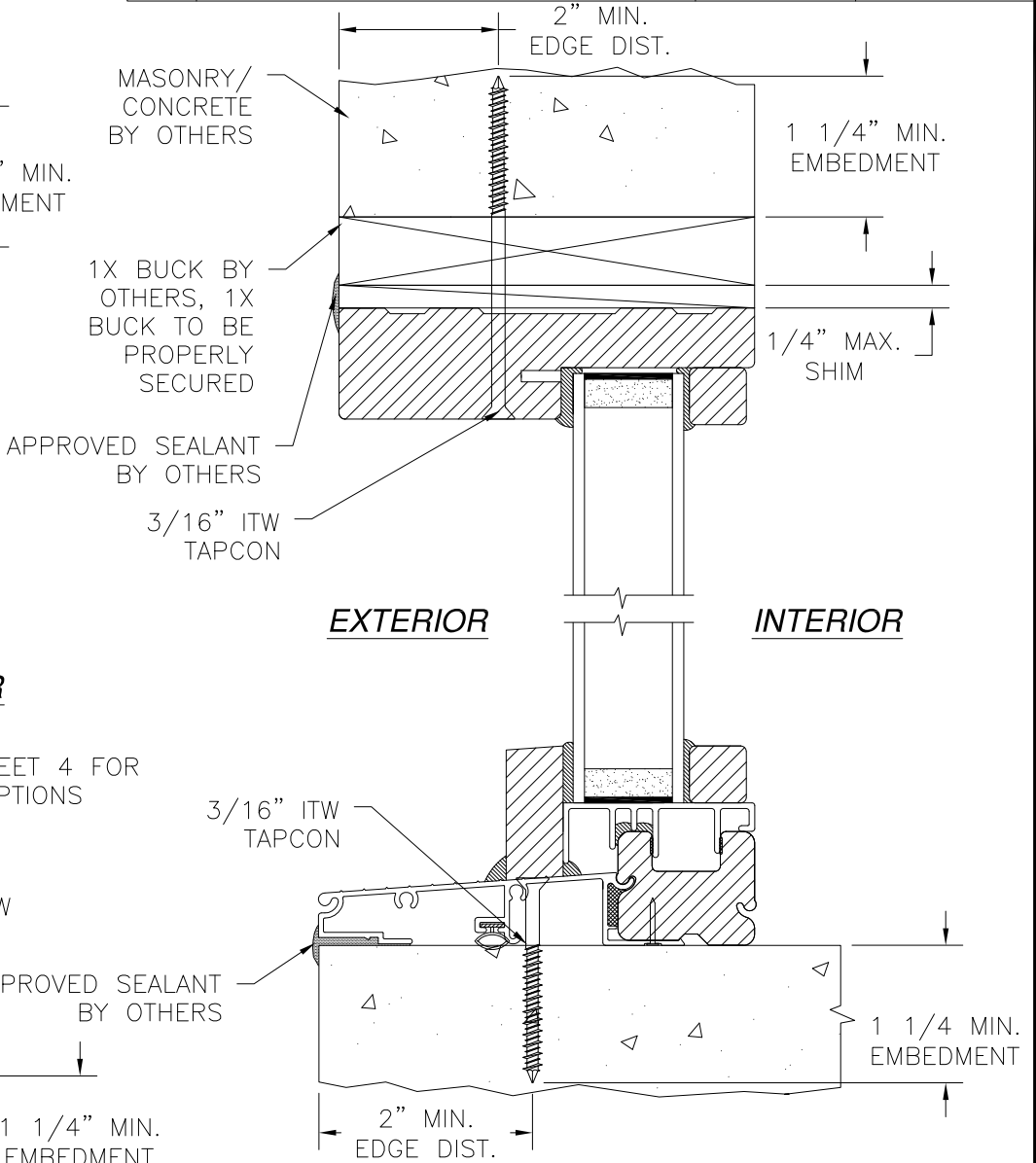
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**VERTICAL CROSS SECTION
INSWING STANDARD SIDELITE
MASONRY/CONCRETE INSTALLATION**



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



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

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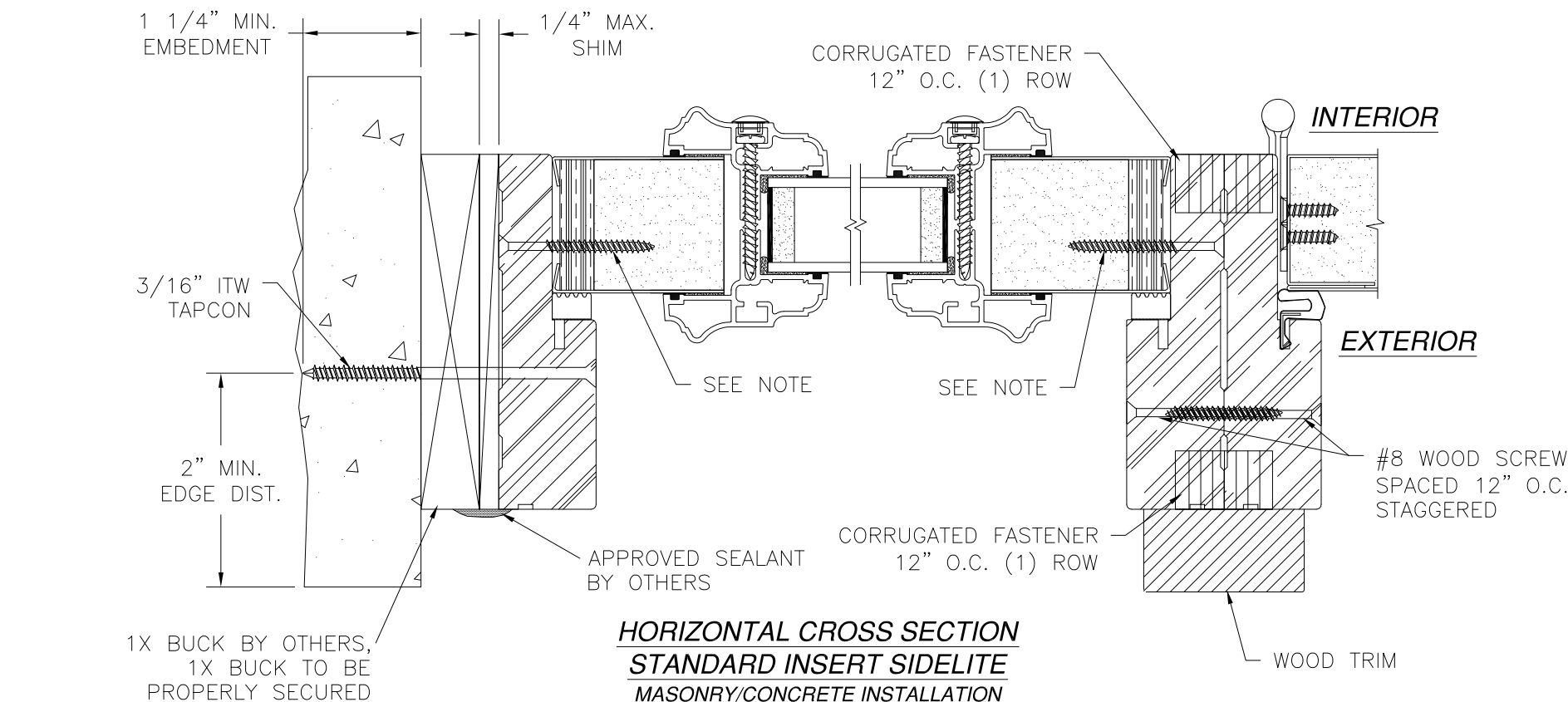
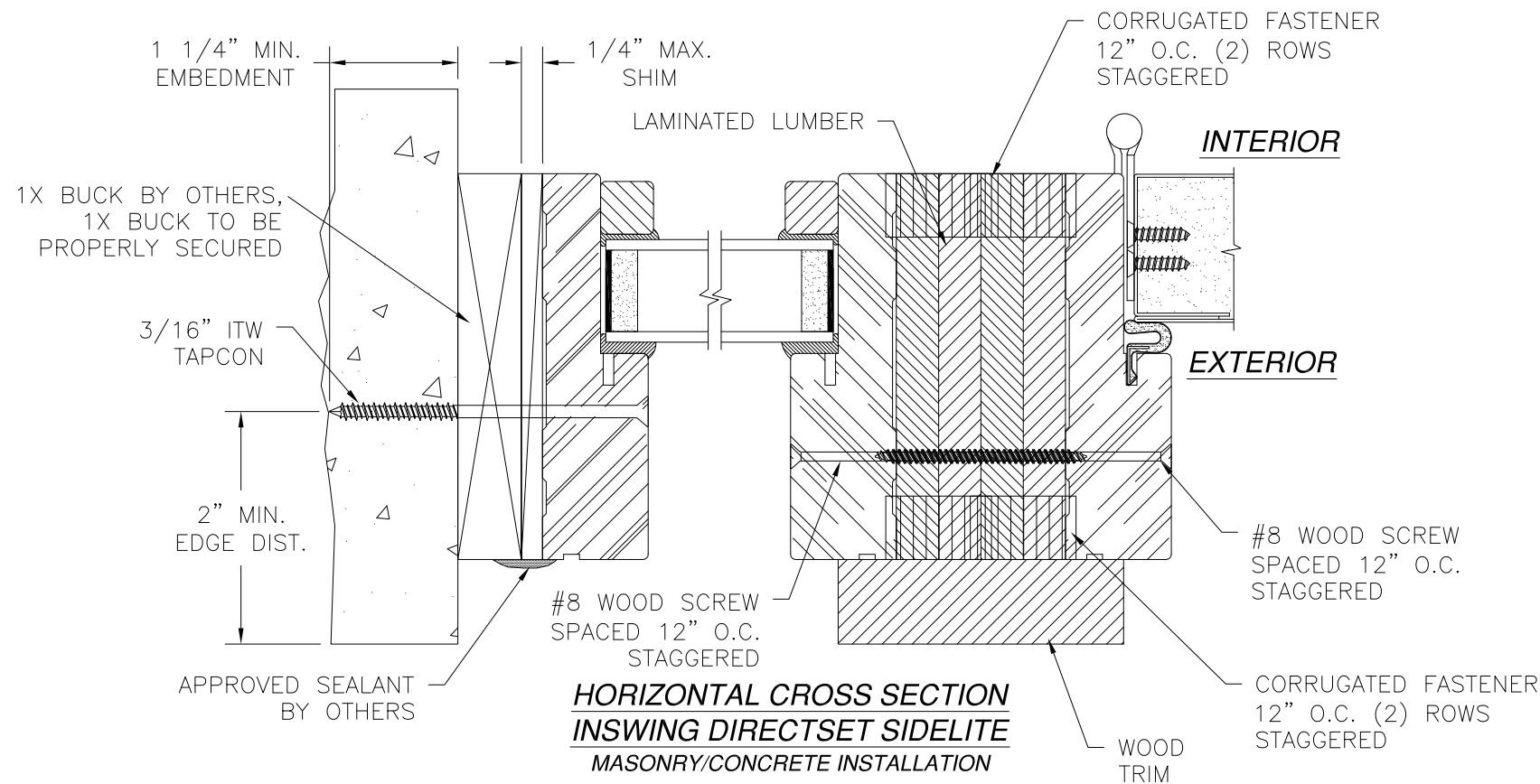
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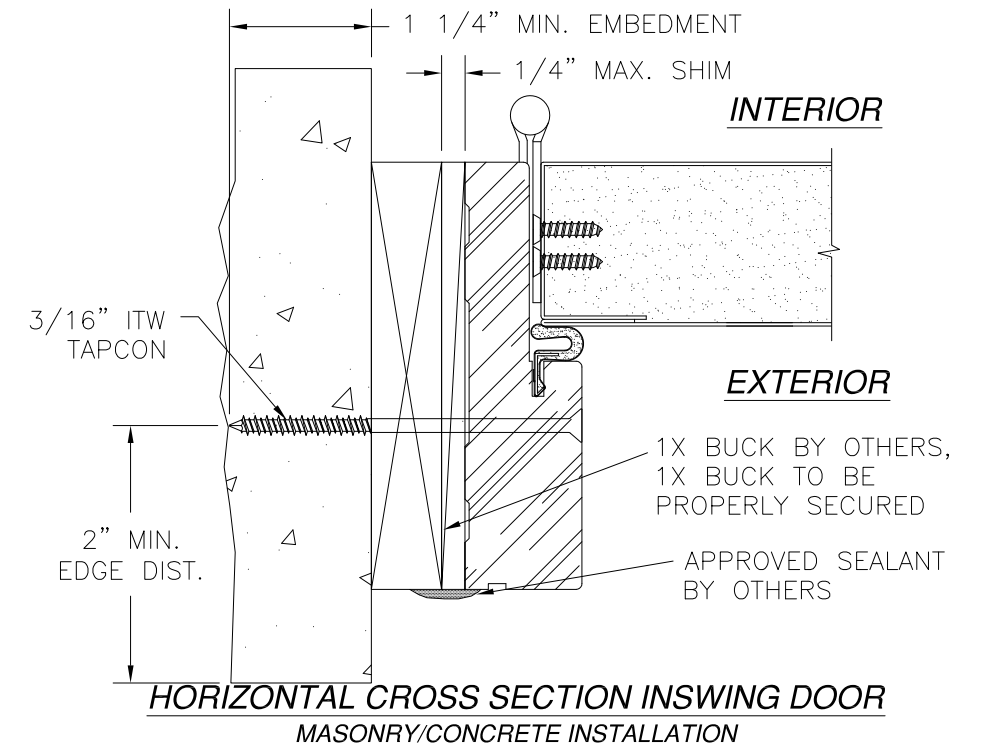
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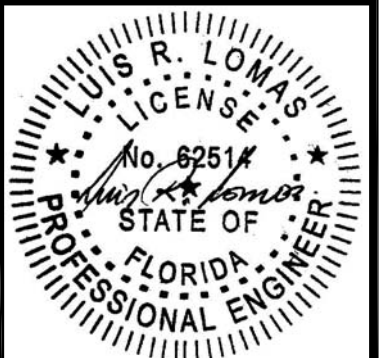
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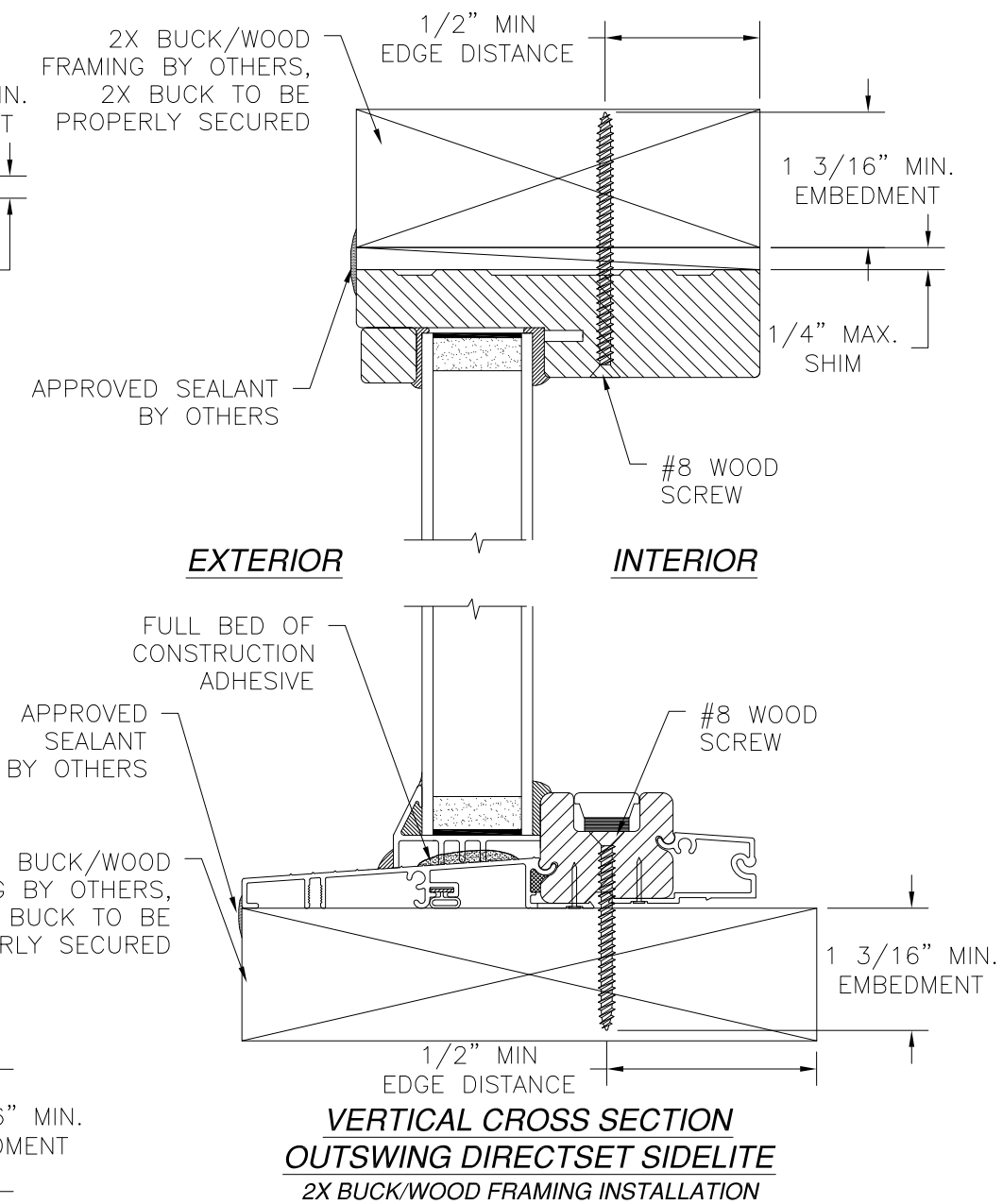
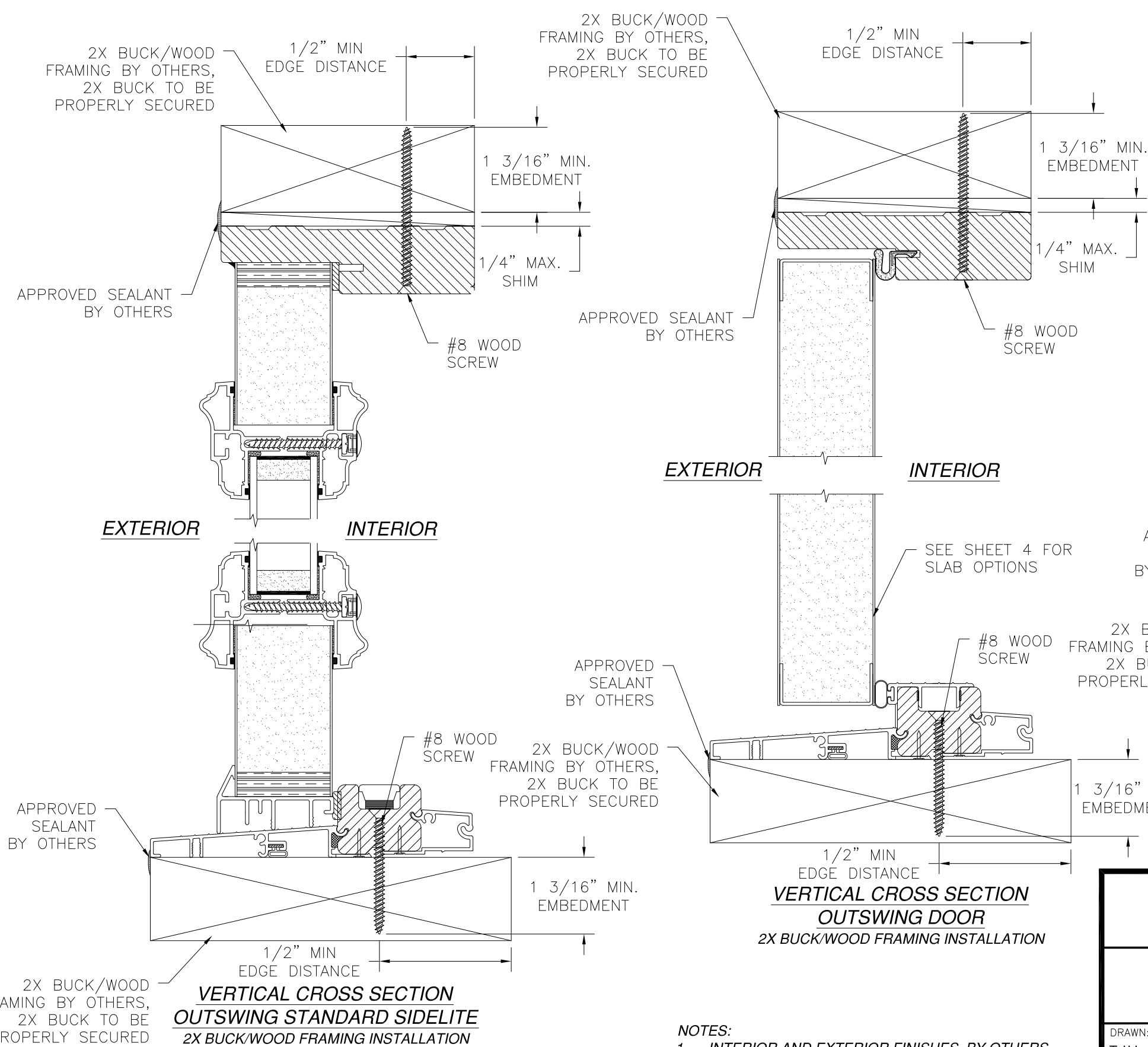
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22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 10 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



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

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



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

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:

TJH

DWG NO.

08-00982

REV

F

SCALE

NTS

DATE

04/23/10

SHEET

11 OF 32

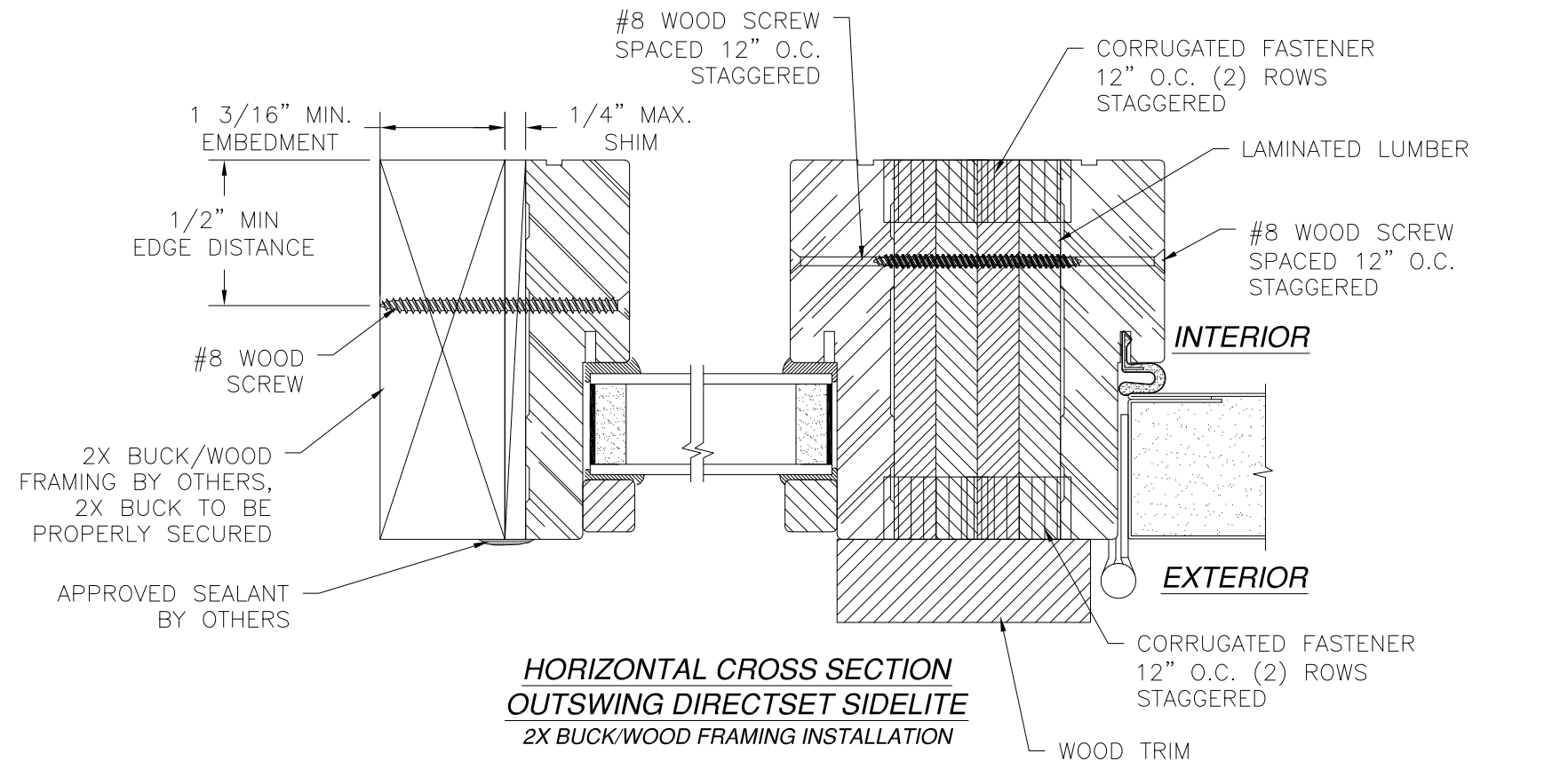
L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

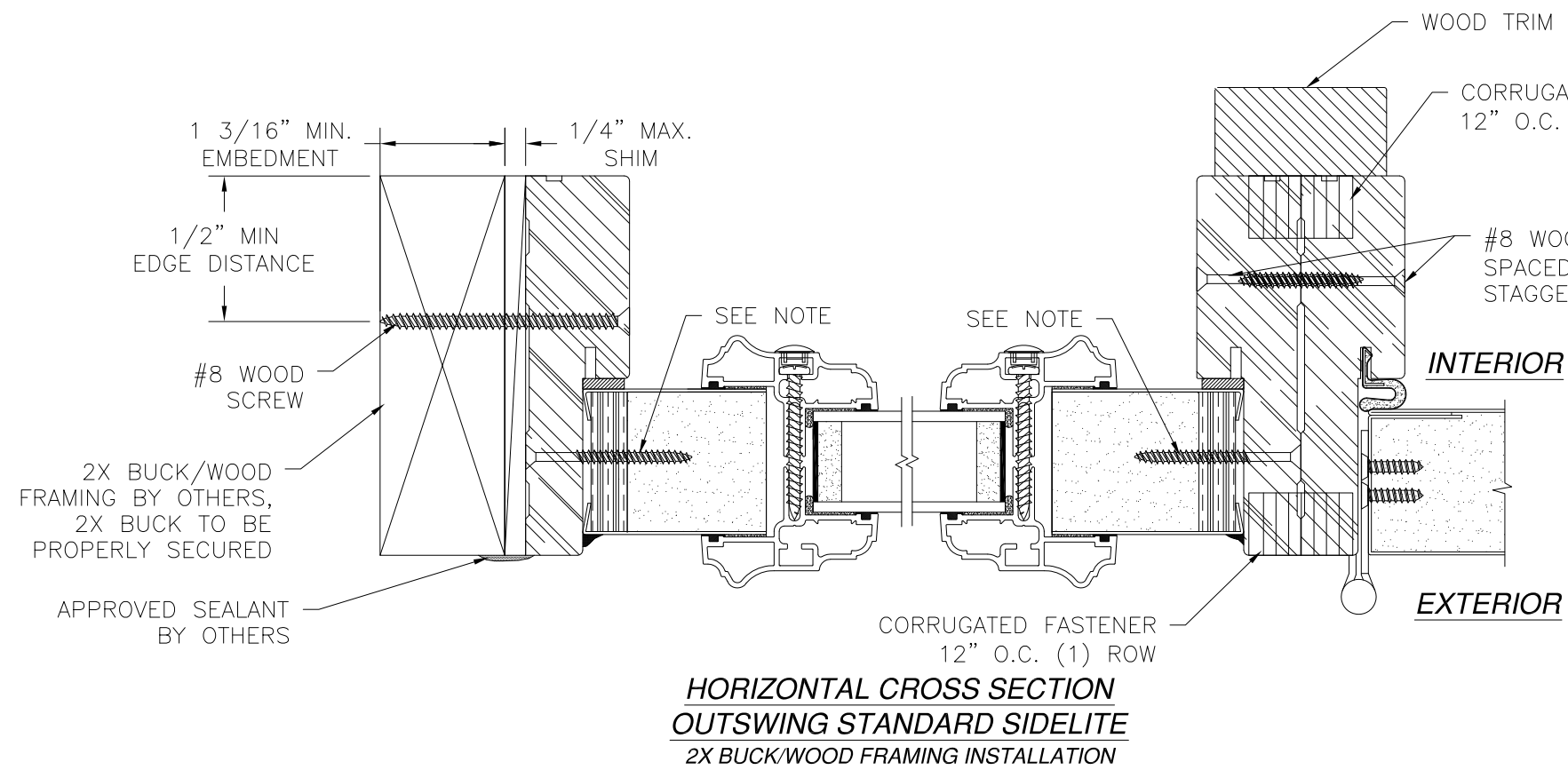
434-688-0609 rllomas@rlomaspe.com



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



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

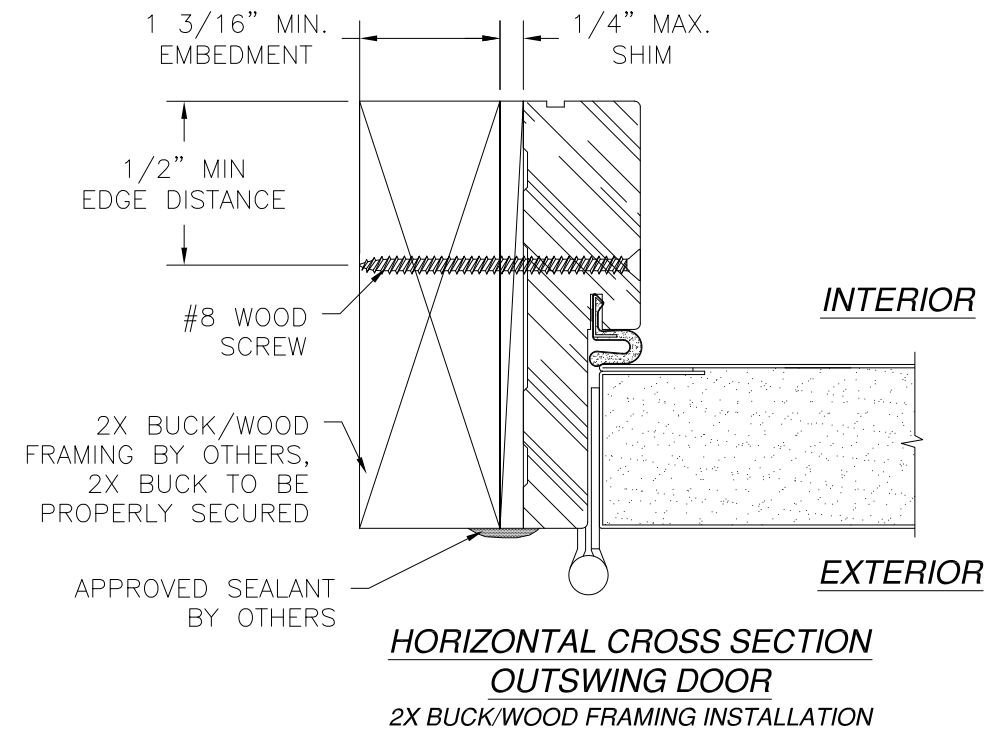


**HORIZONTAL CROSS SECTION
OUTSWING STANDARD SIDELITE**
2X BUCK/WOOD FRAMING INSTALLATION

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



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

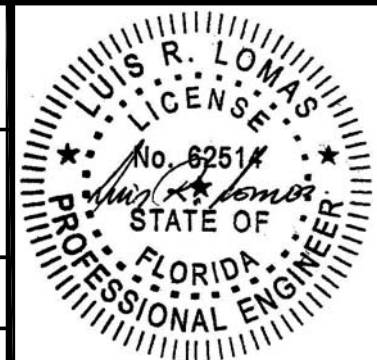
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

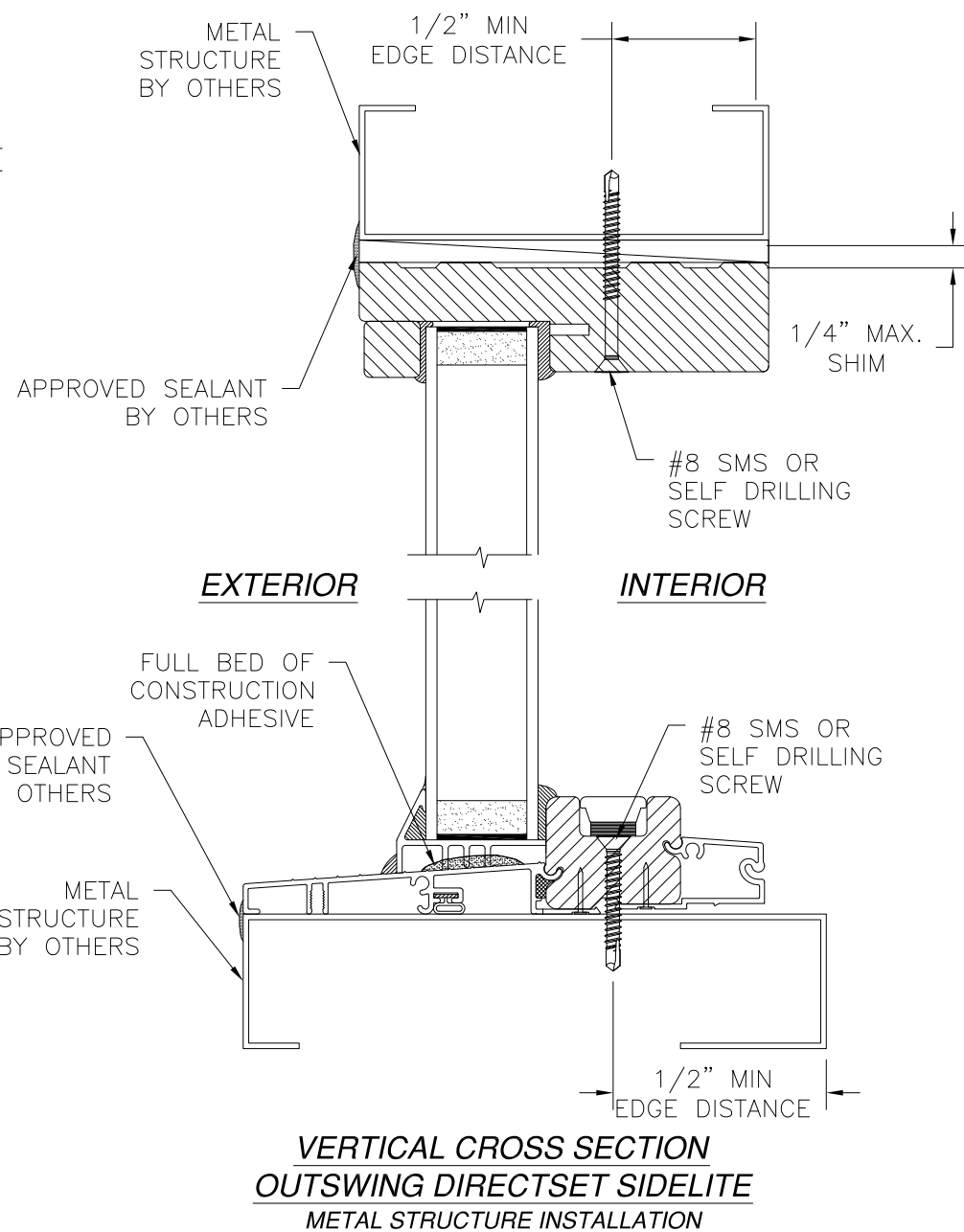
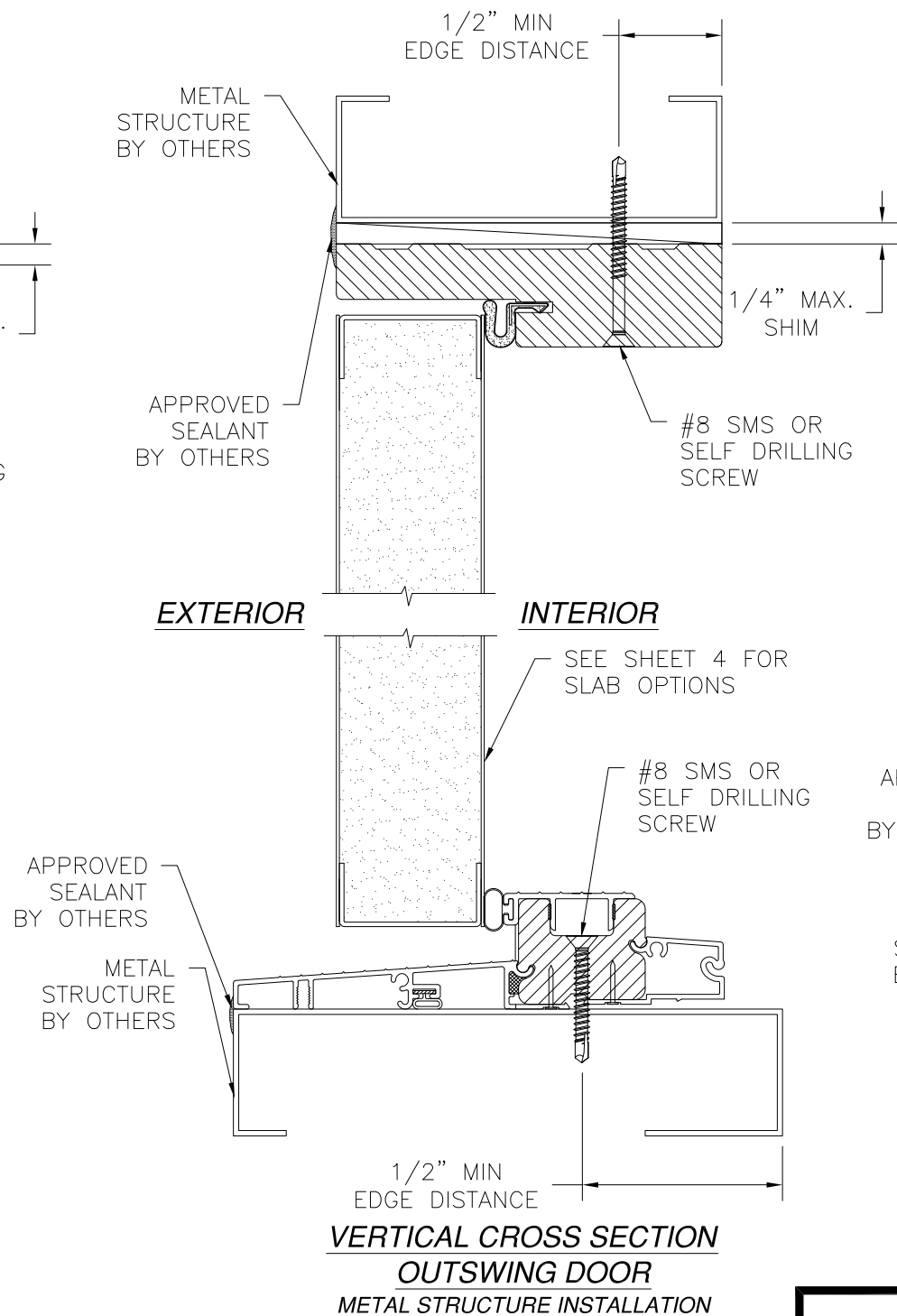
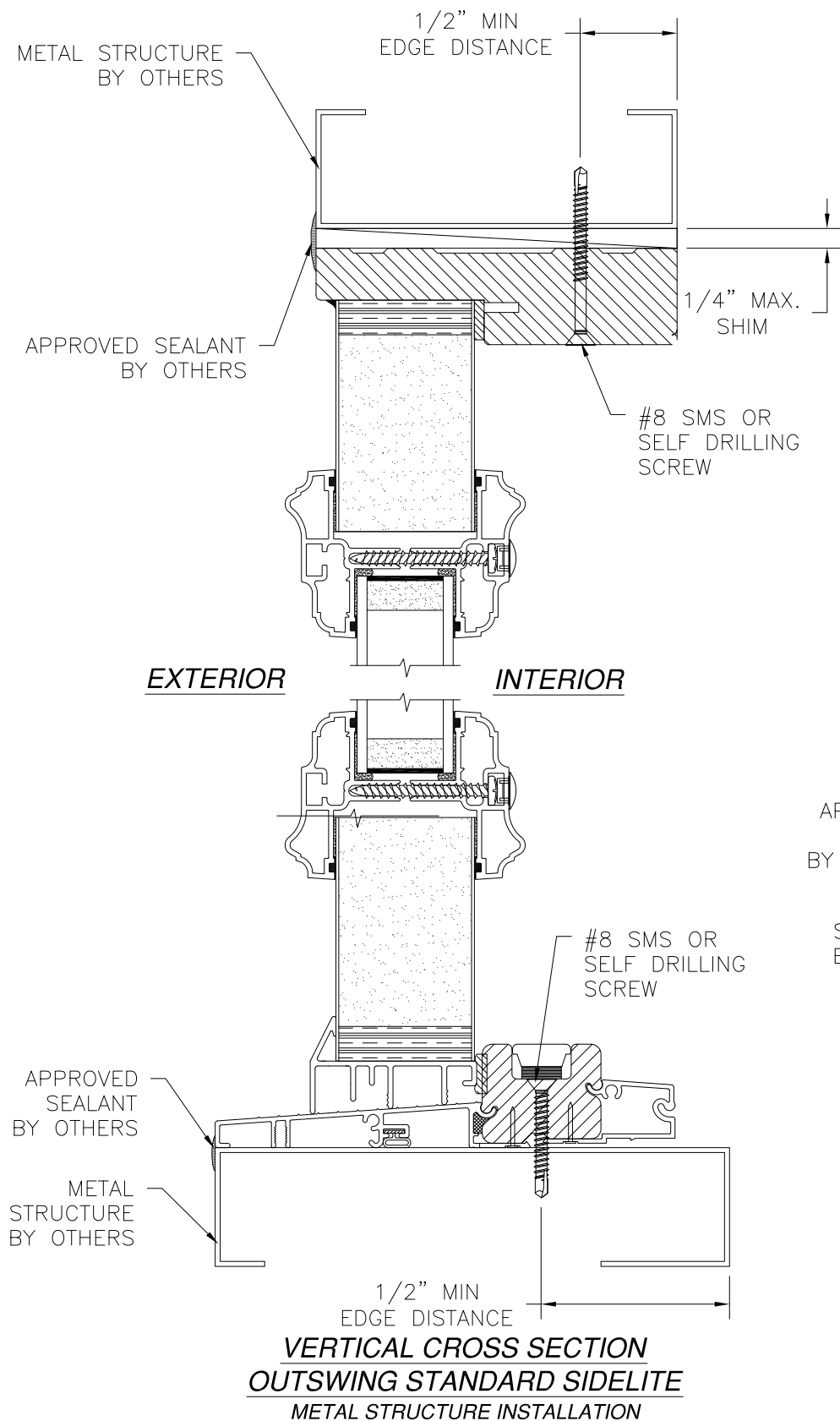
DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 12 OF 32

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

SIGNED: 01/08/2020



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



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

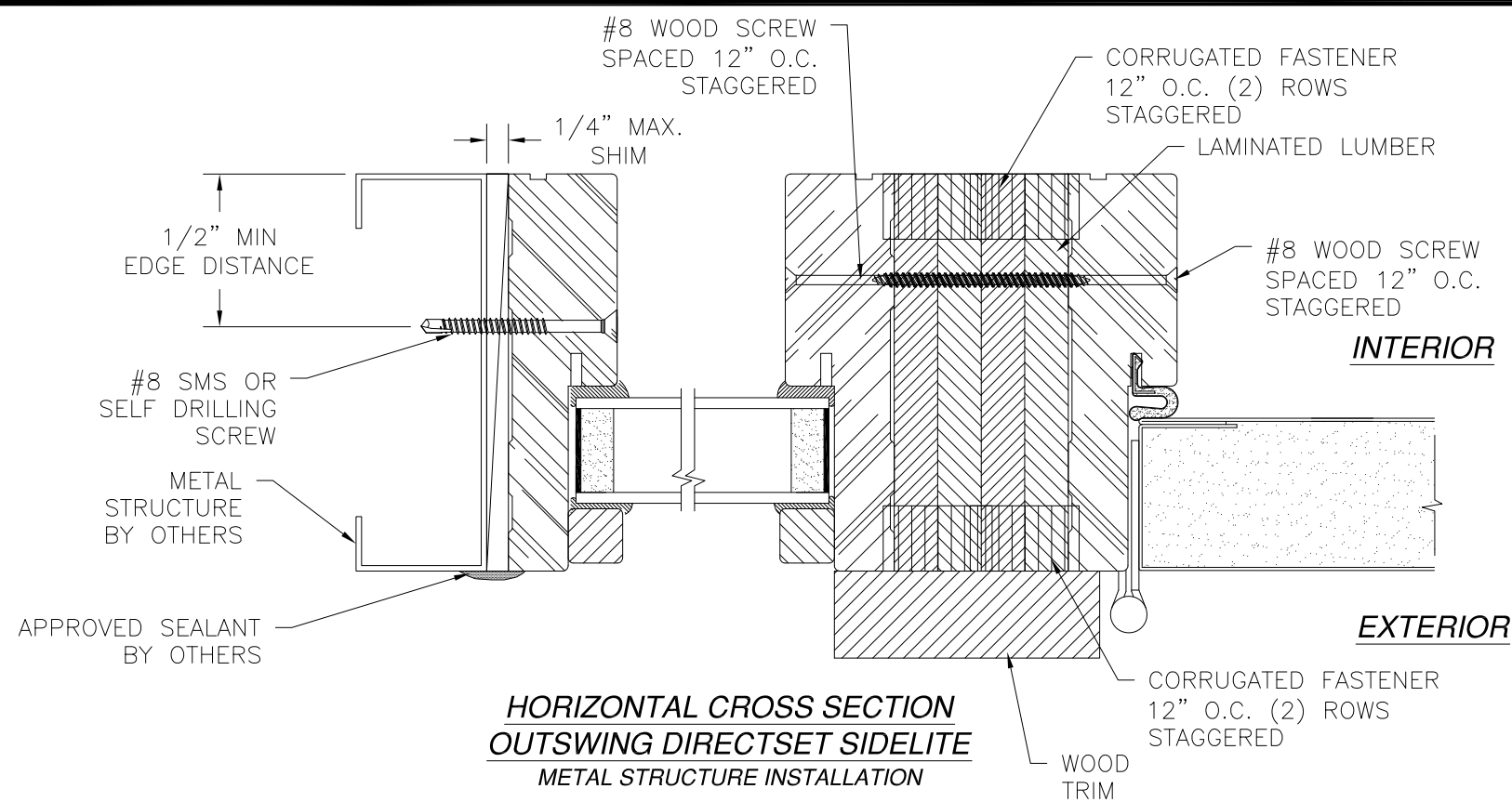
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00982	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		

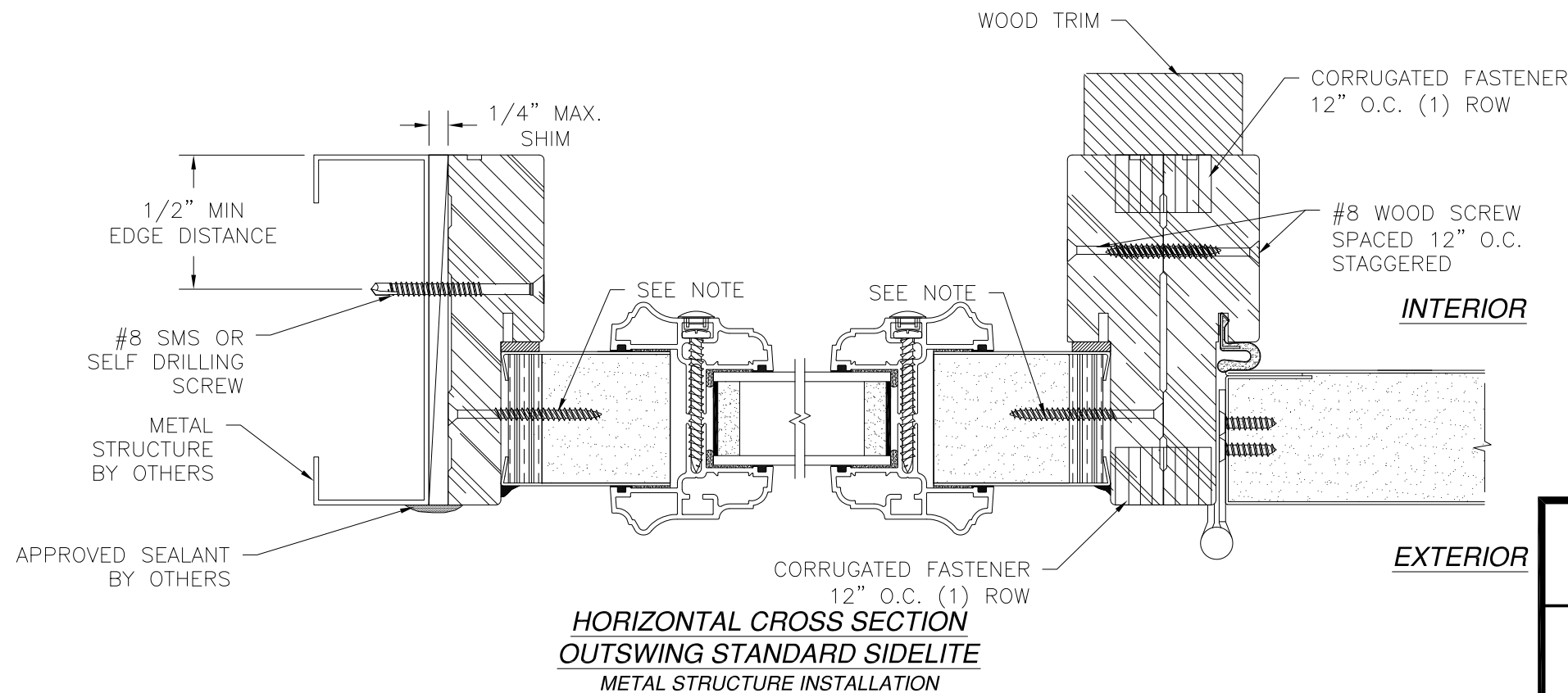
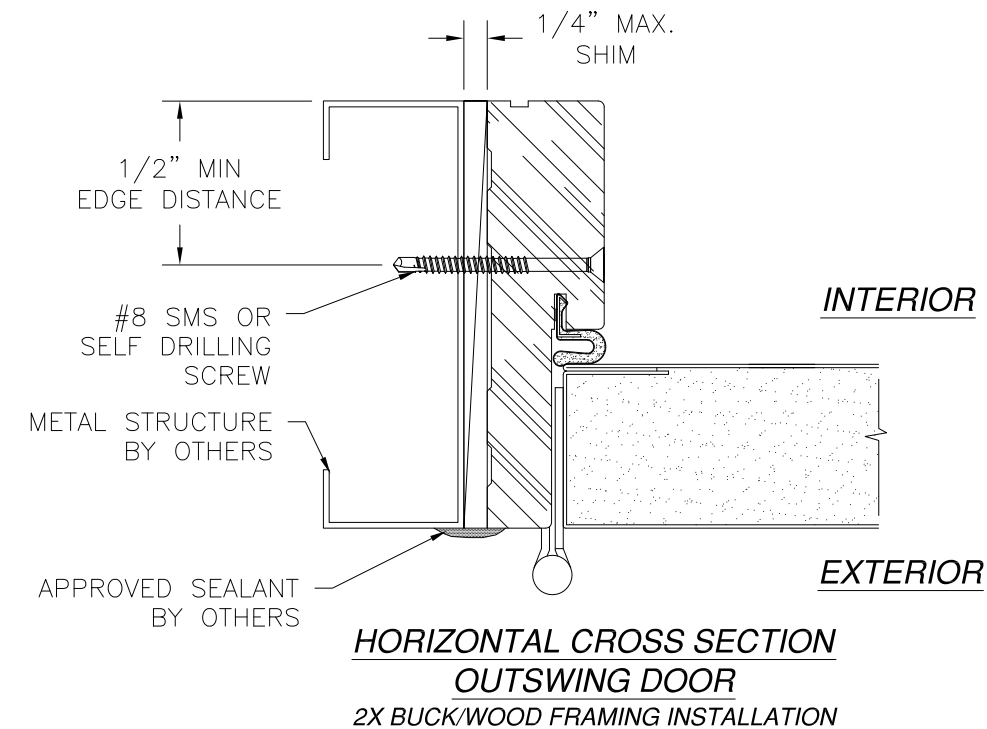
SIGNED: 01/08/2020

LUIS R. LOMAS
 LICENSE
 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.

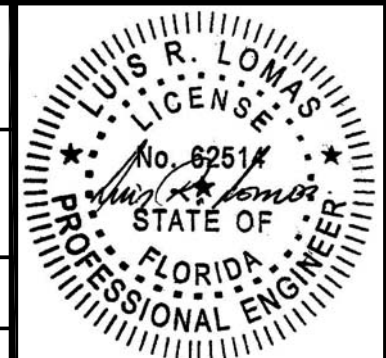


STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

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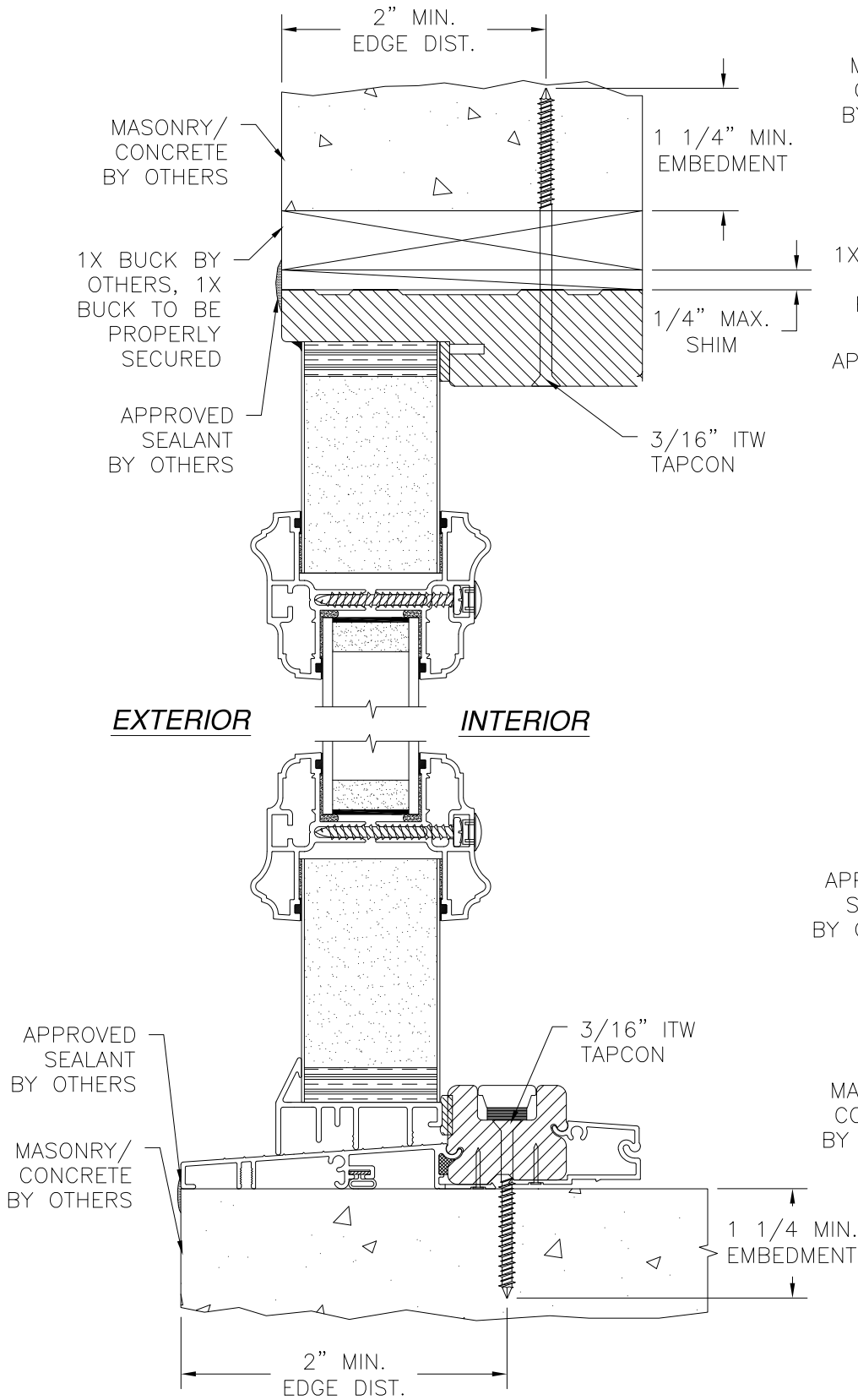
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 14 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 01/08/2020

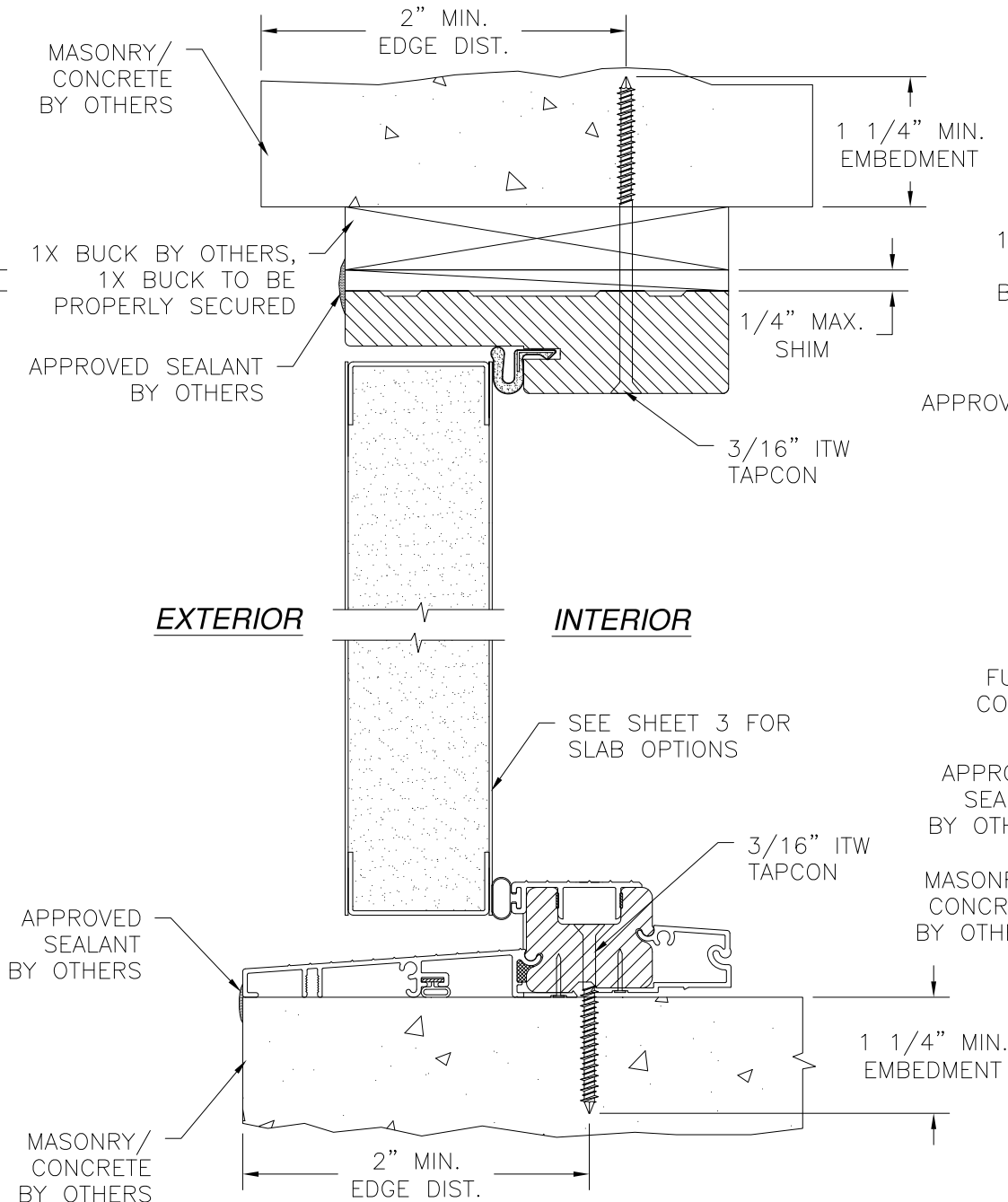


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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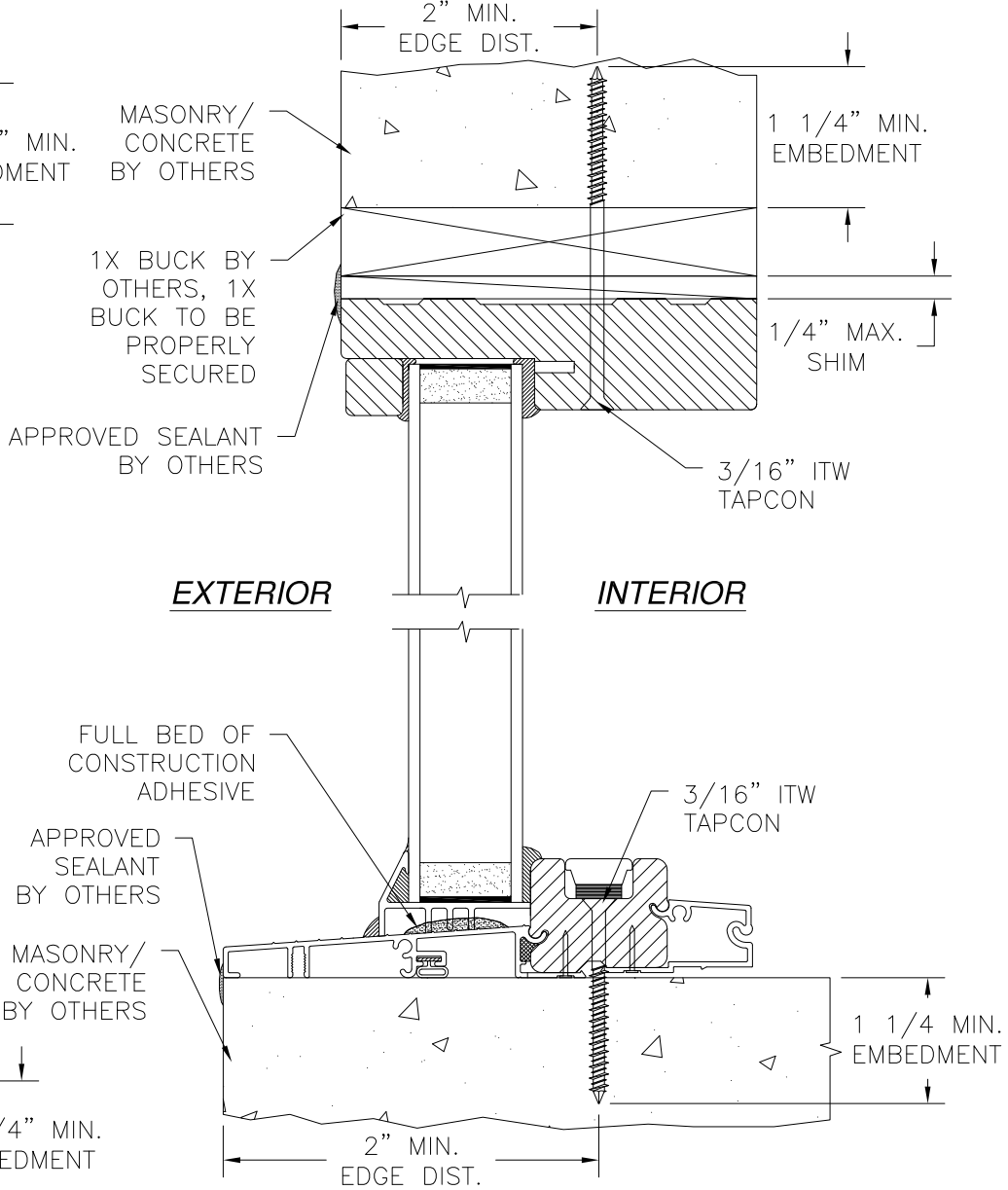


**VERTICAL CROSS SECTION
OUTSWING STANDARD SIDELITE**
MASONRY/CONCRETE INSTALLATION



**VERTICAL CROSS SECTION
OUTSWING DOOR**
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



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

SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:

TJH

DWG NO.

08-00982

REV

F

SCALE

NTS

DATE

04/23/10

SHEET

15 OF 32

L. ROBERTO LOMAS P.E.

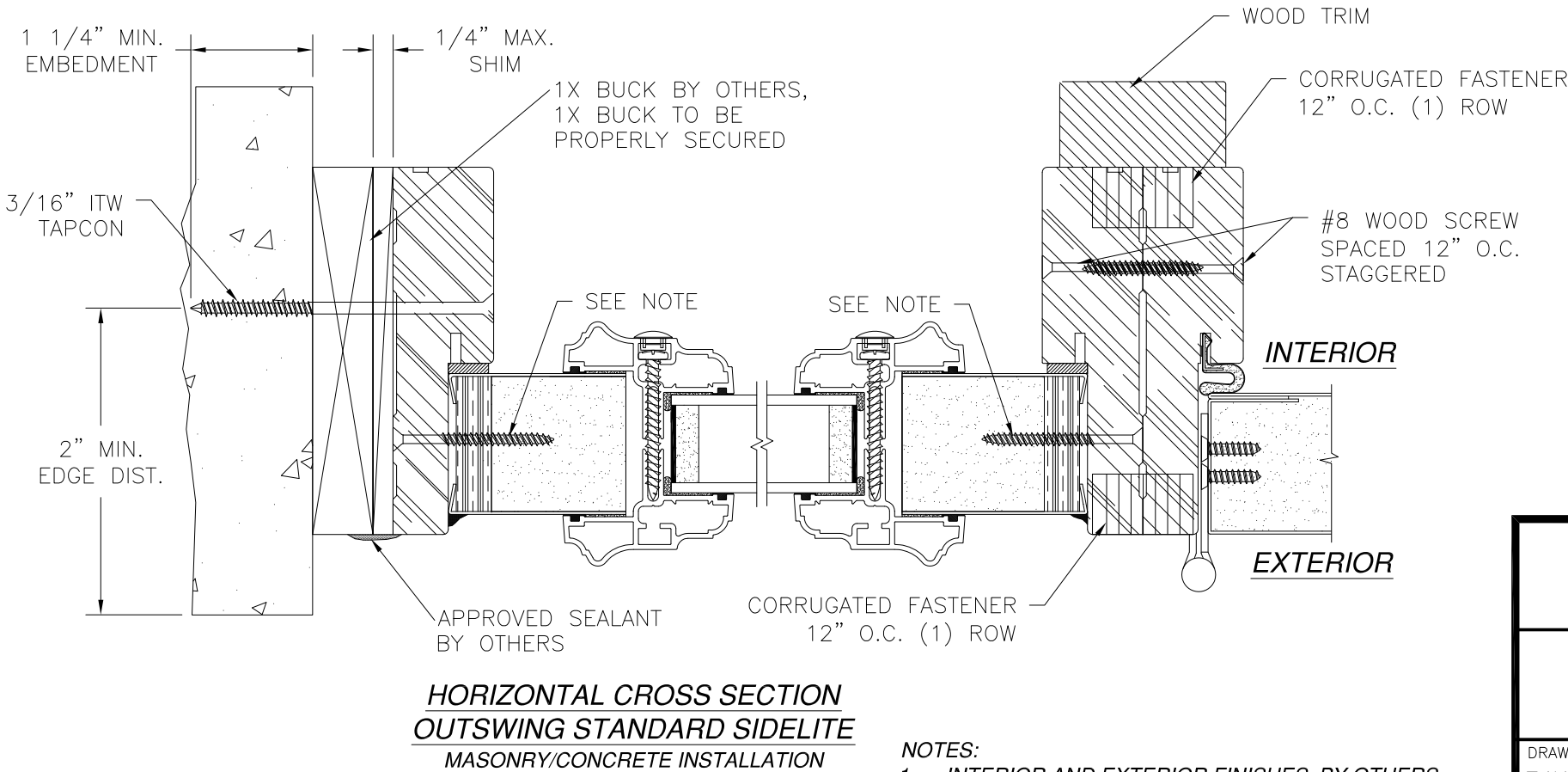
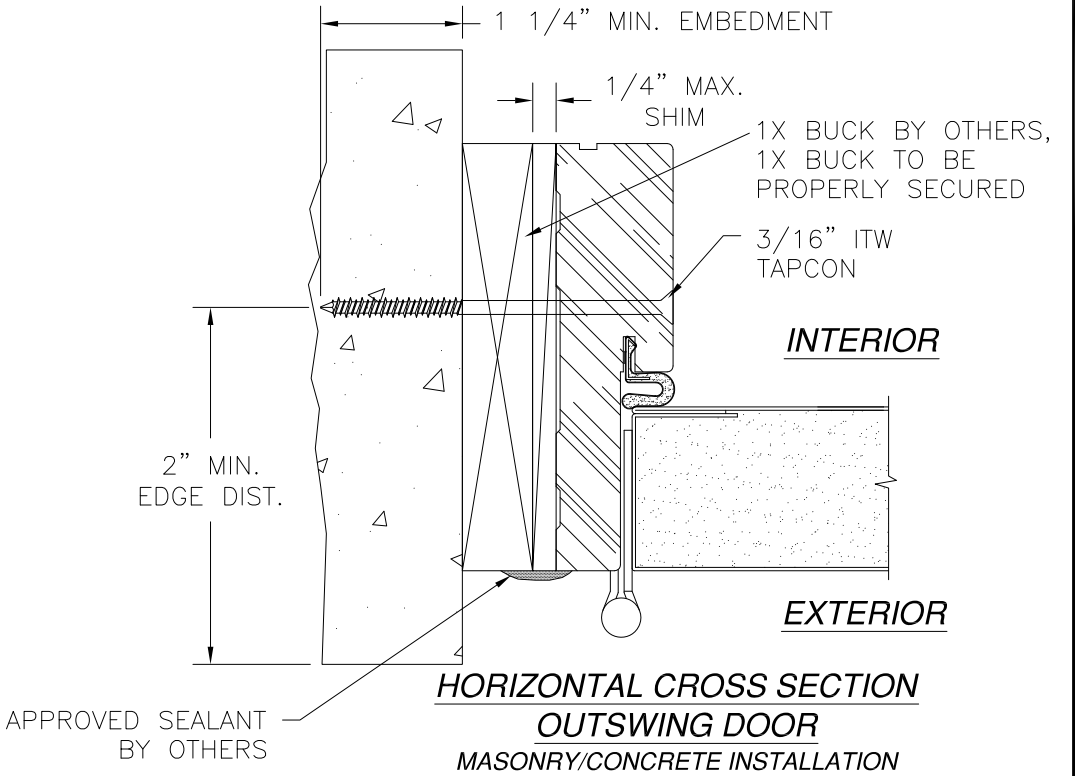
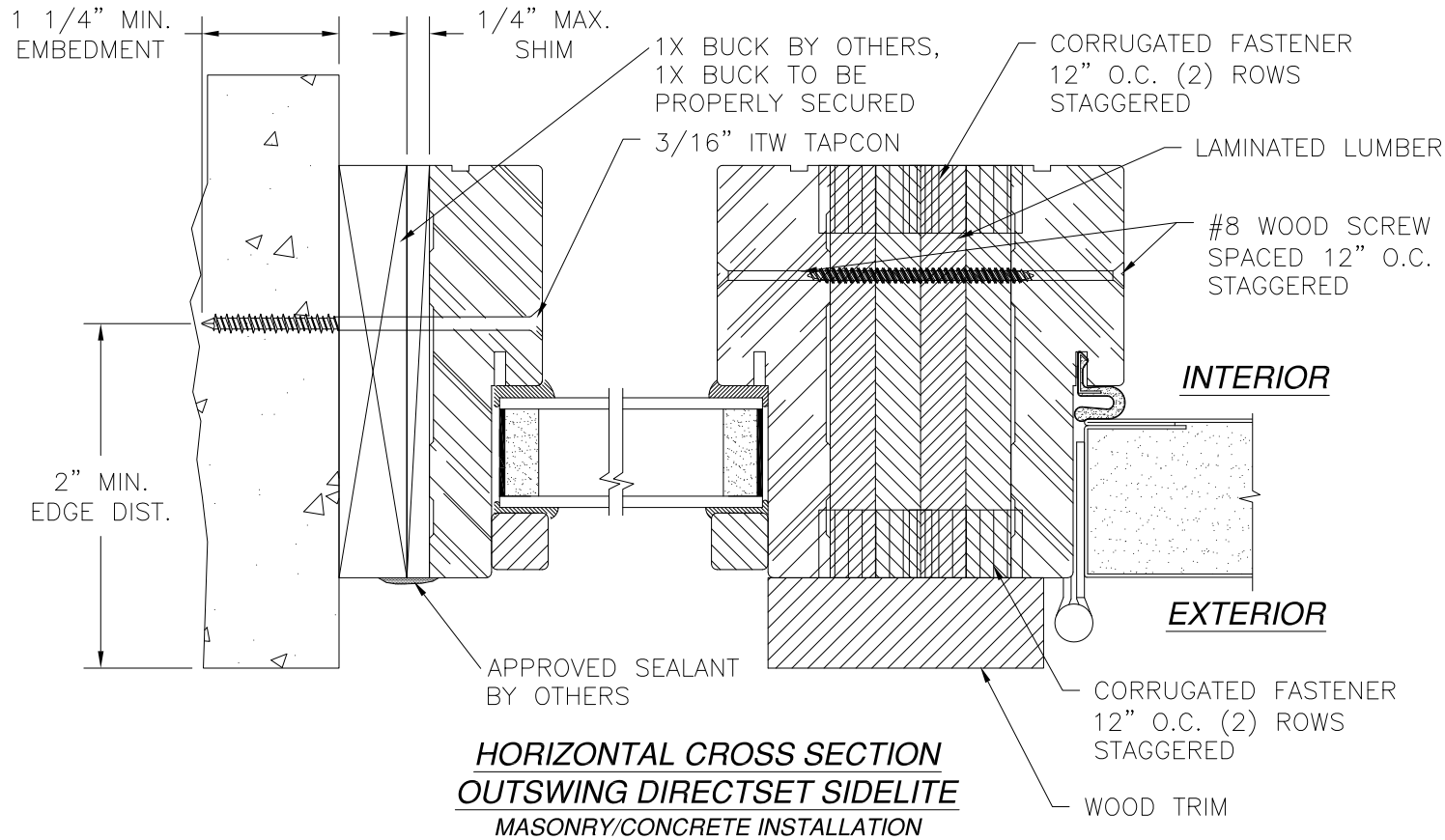
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com



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 OPAQUE DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
OUTSWING INSTALLATION DETAILS

DRAWN:

TJH

DWG NO.

08-00982

REV

F

SCALE

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DATE

04/23/10

SHEET

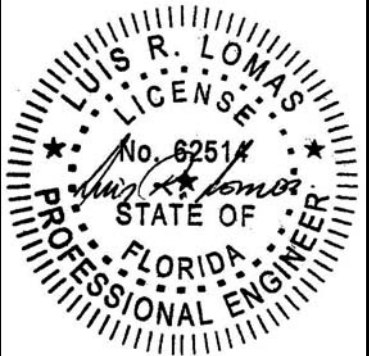
16 OF 32

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

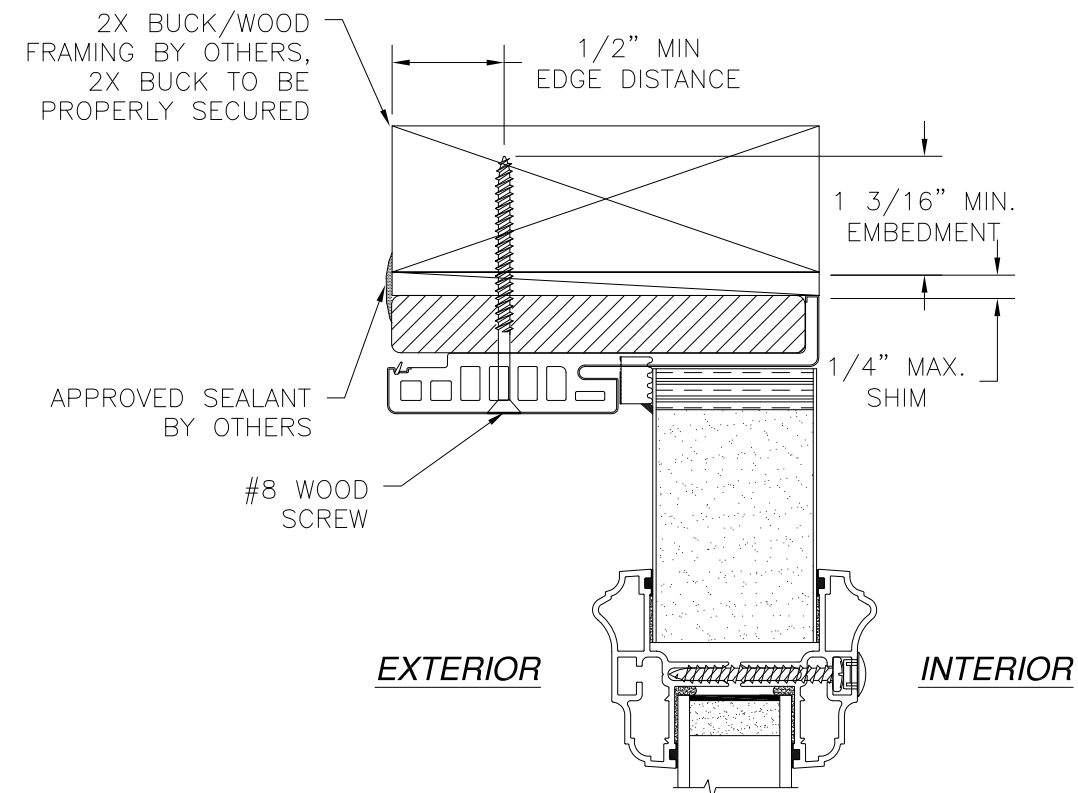
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

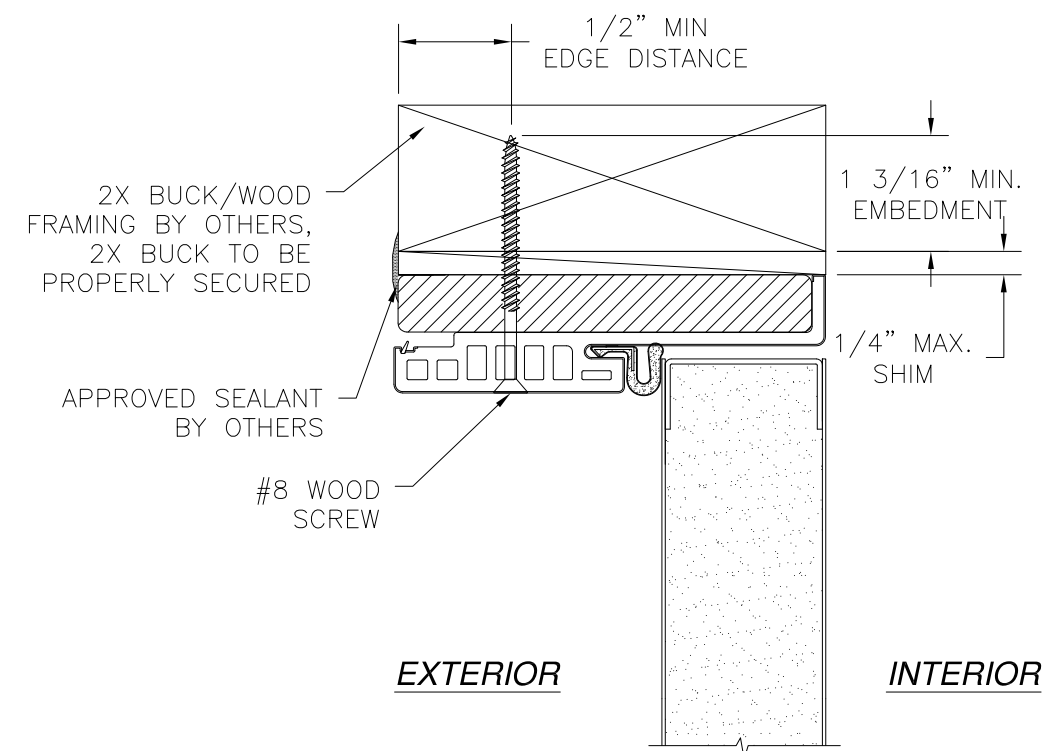


Luis R. Lomas P.E.
FL No.: 62514

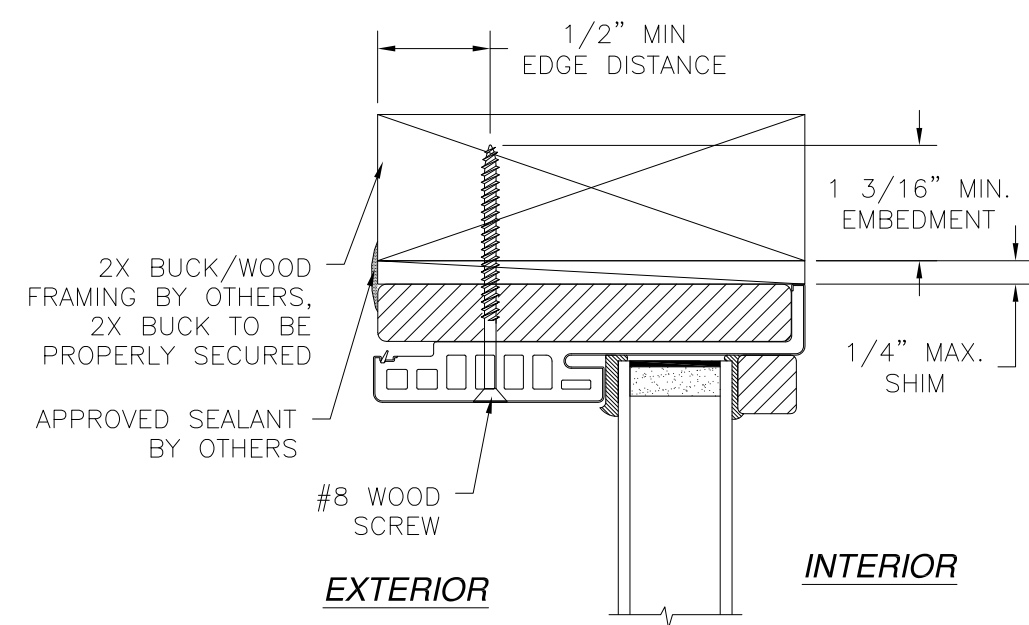
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



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



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

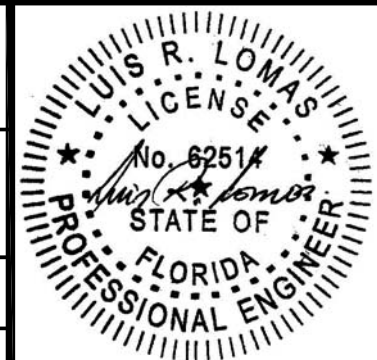


**VERTICAL CROSS SECTION
DIRECTSET INSWING SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION**

- NOTES:**
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

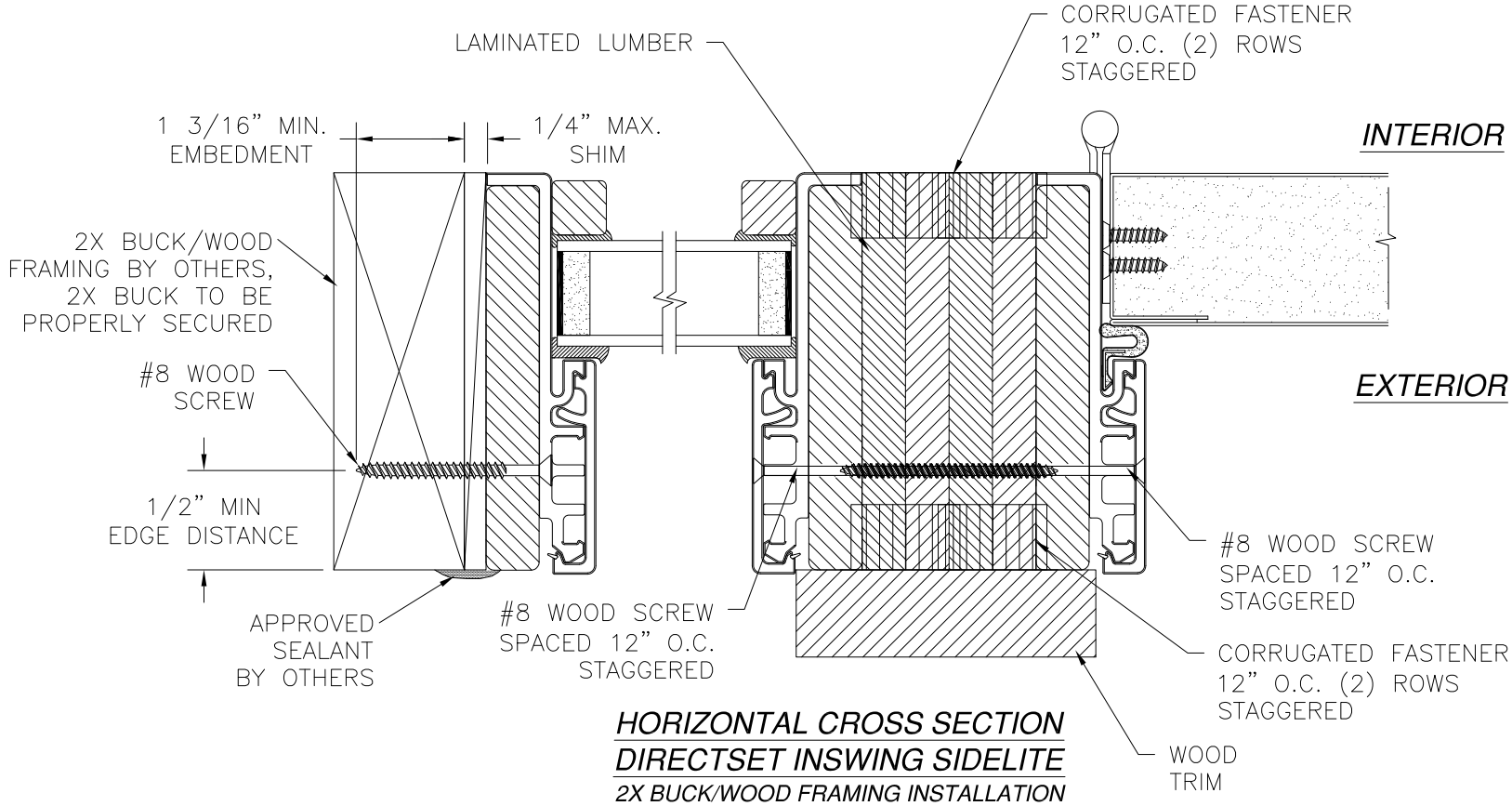
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	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@lrlomaspe.com		

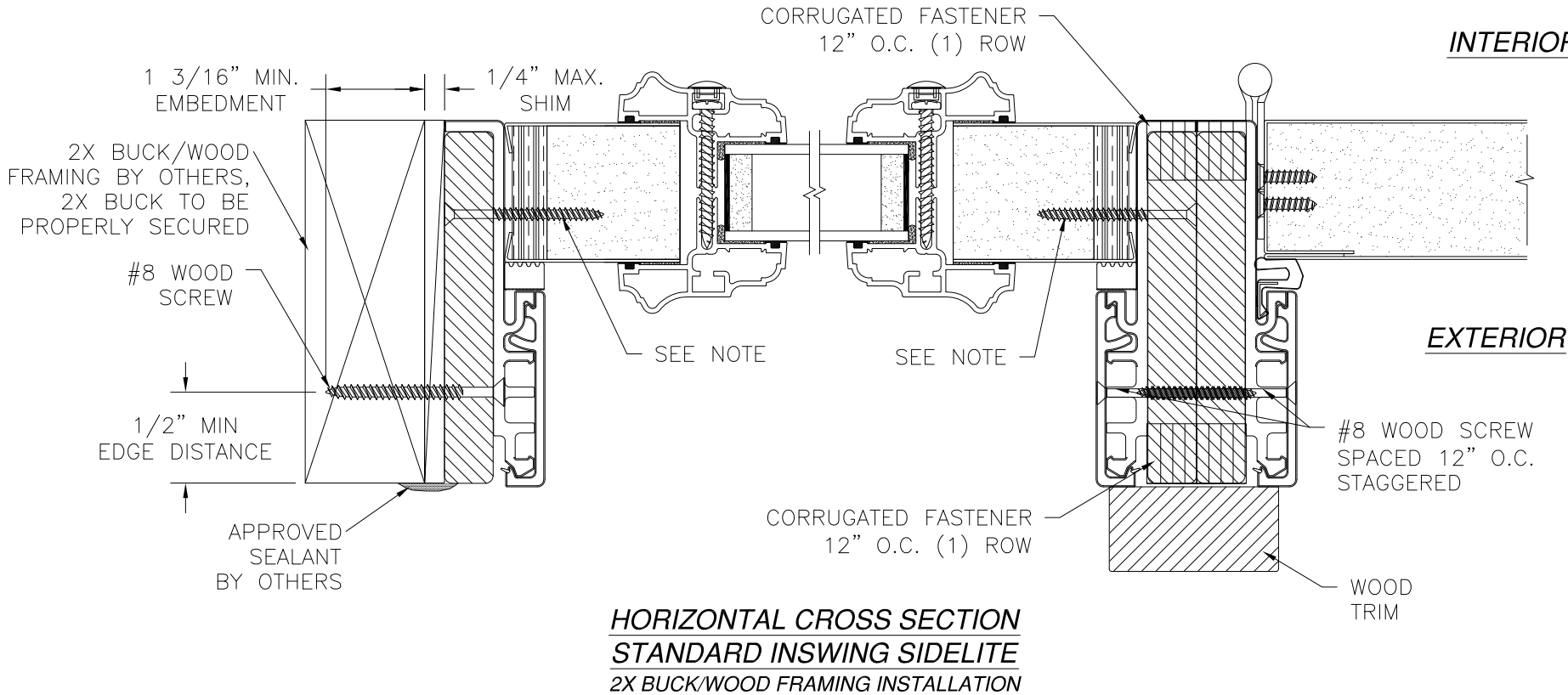


Luis R. Lomas P.E.
FL No.: 62514

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



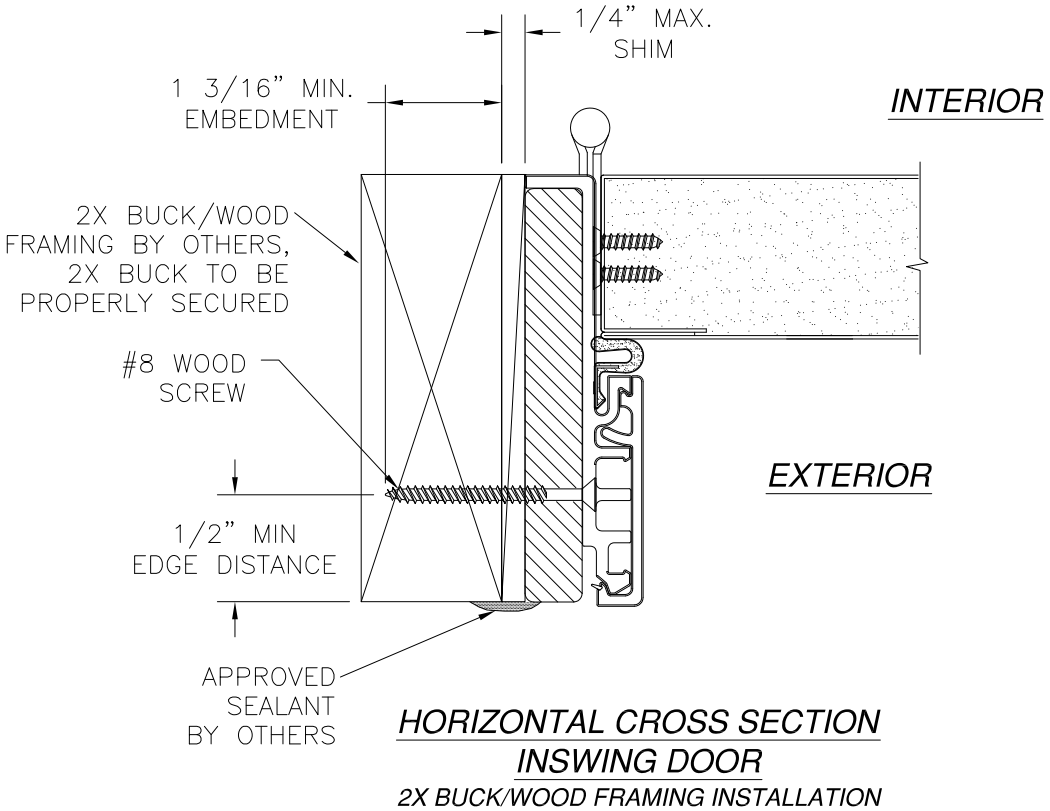
HORIZONTAL CROSS SECTION
DIRECTSET INSWING SIDELITE
2X BUCK/WOOD FRAMING INSTALLATION



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

STANDARD SIDELITE PANEL ATTACHMENT:
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HORIZONTAL CROSS SECTION
INSWING DOOR
2X BUCK/WOOD FRAMING INSTALLATION

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00982

REV F

SCALE NTS

DATE 04/23/10

SHEET 18 OF 32

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

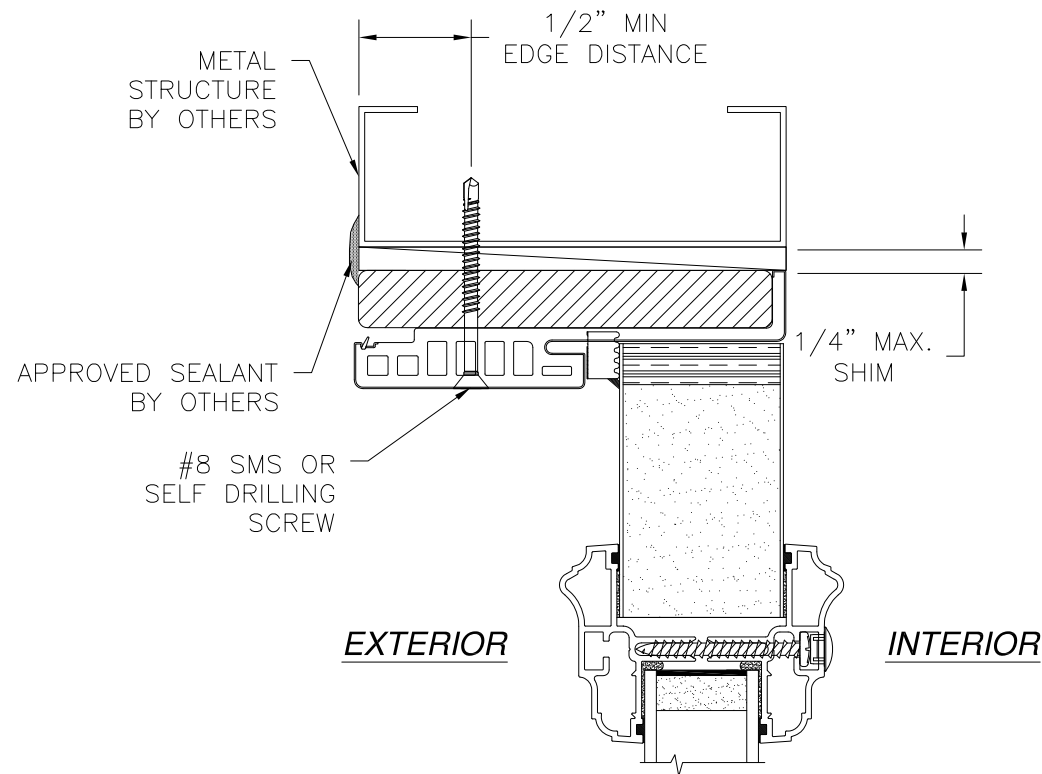
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

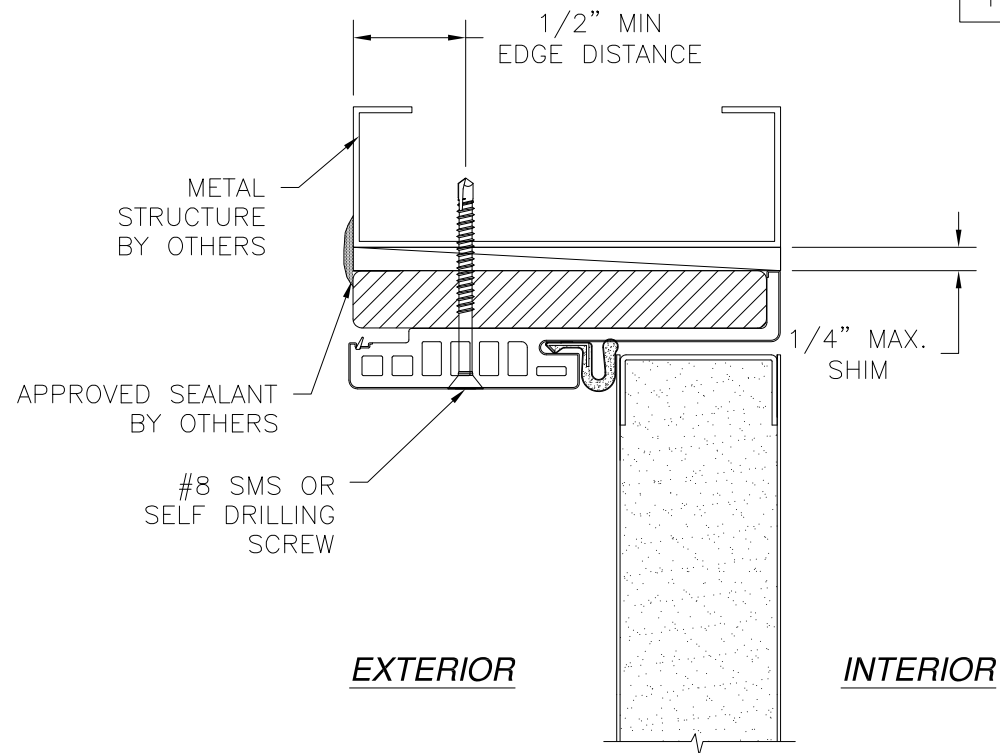


Luis R. Lomas P.E.
FL No.: 62514

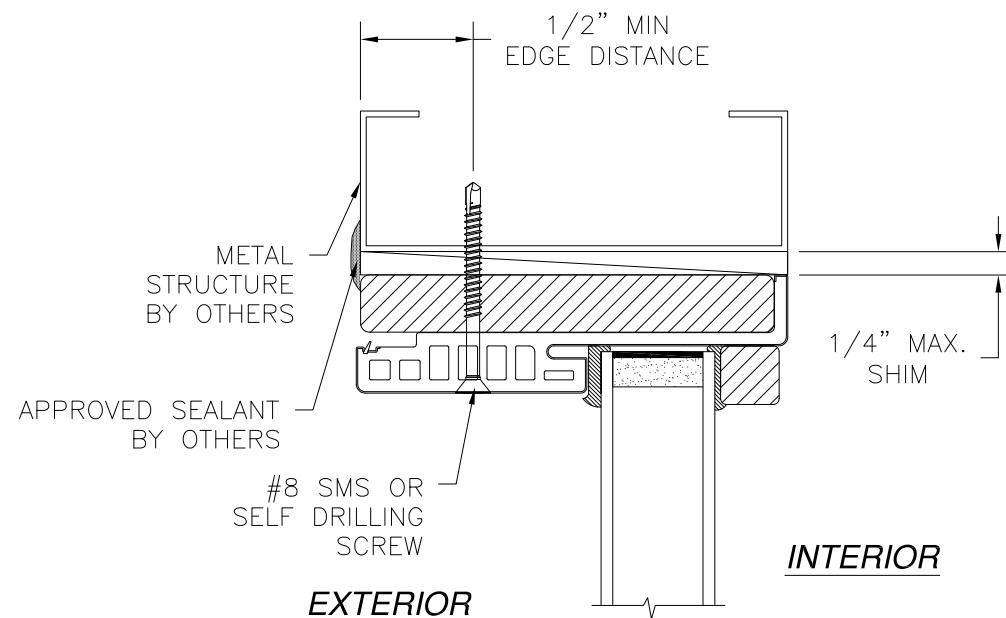
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



VERTICAL CROSS SECTION
STANDARD INSWING SIDELITE
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
INSWING DOOR
METAL STRUCTURE INSTALLATION



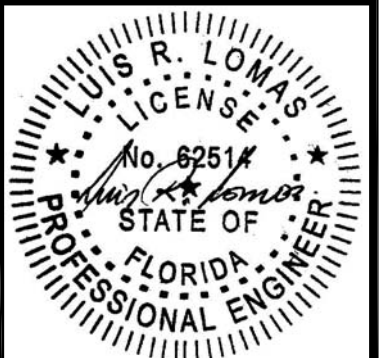
VERTICAL CROSS SECTION
DIRECTSET INSWING SIDELITE
METAL STRUCTURE INSTALLATION

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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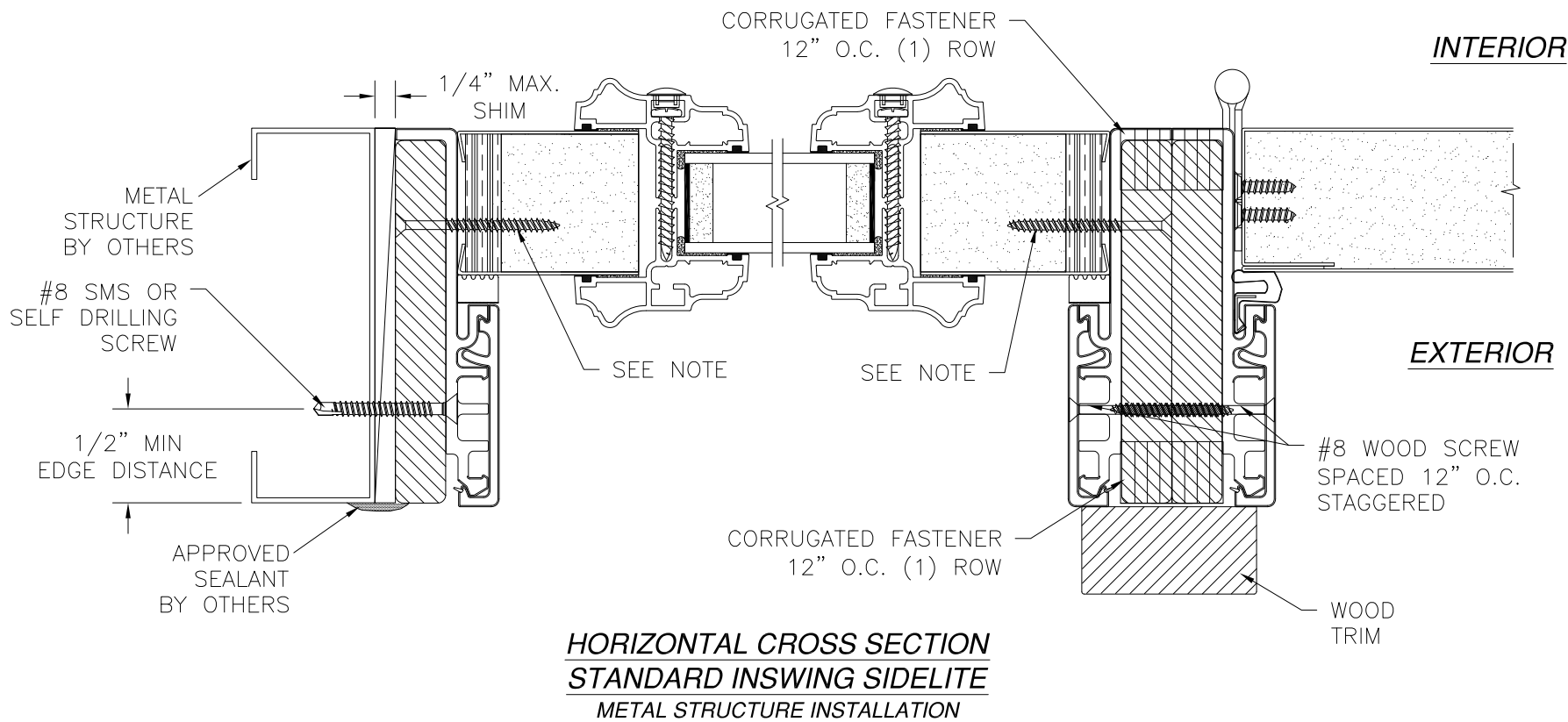
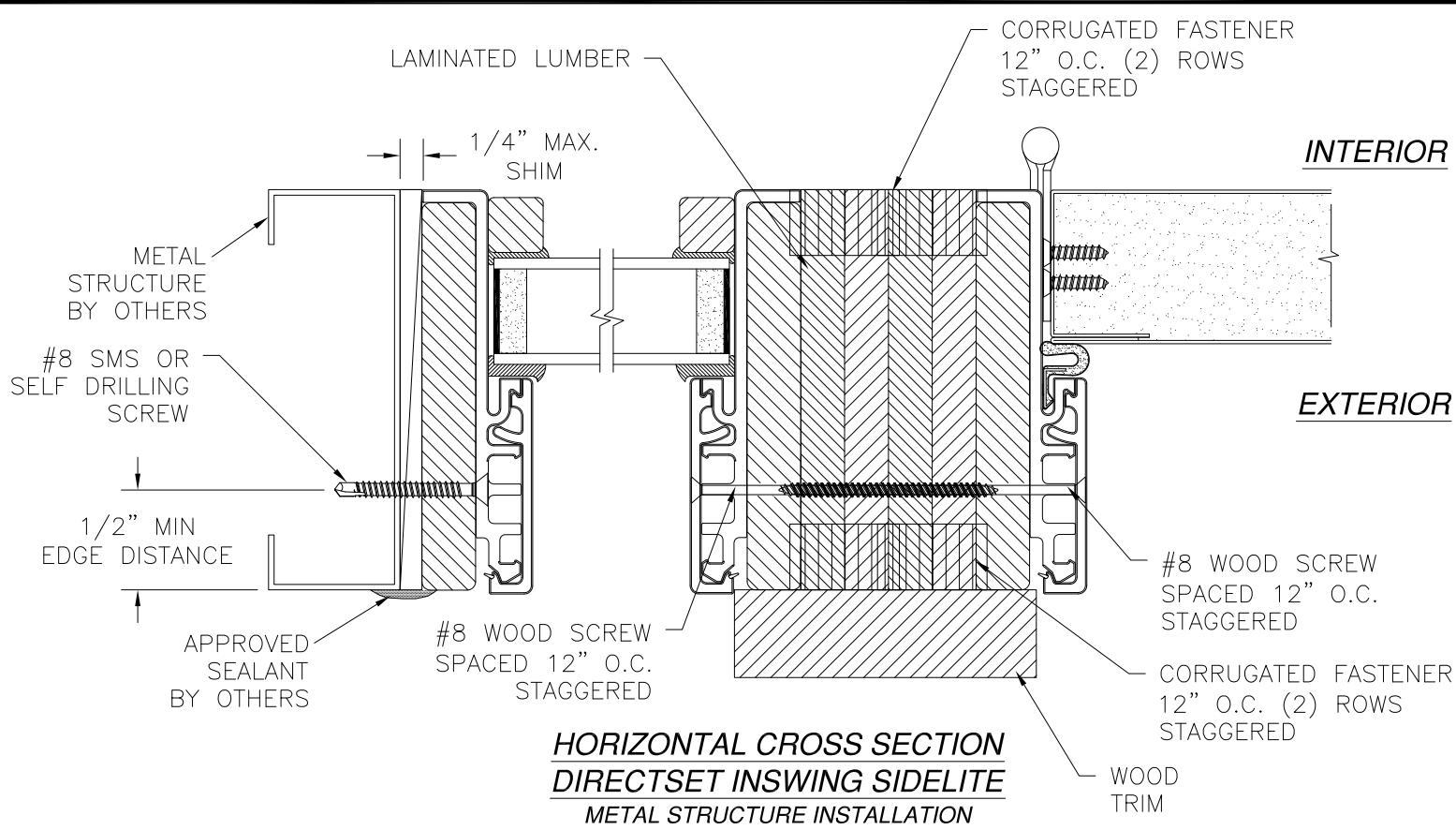
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT INSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	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		



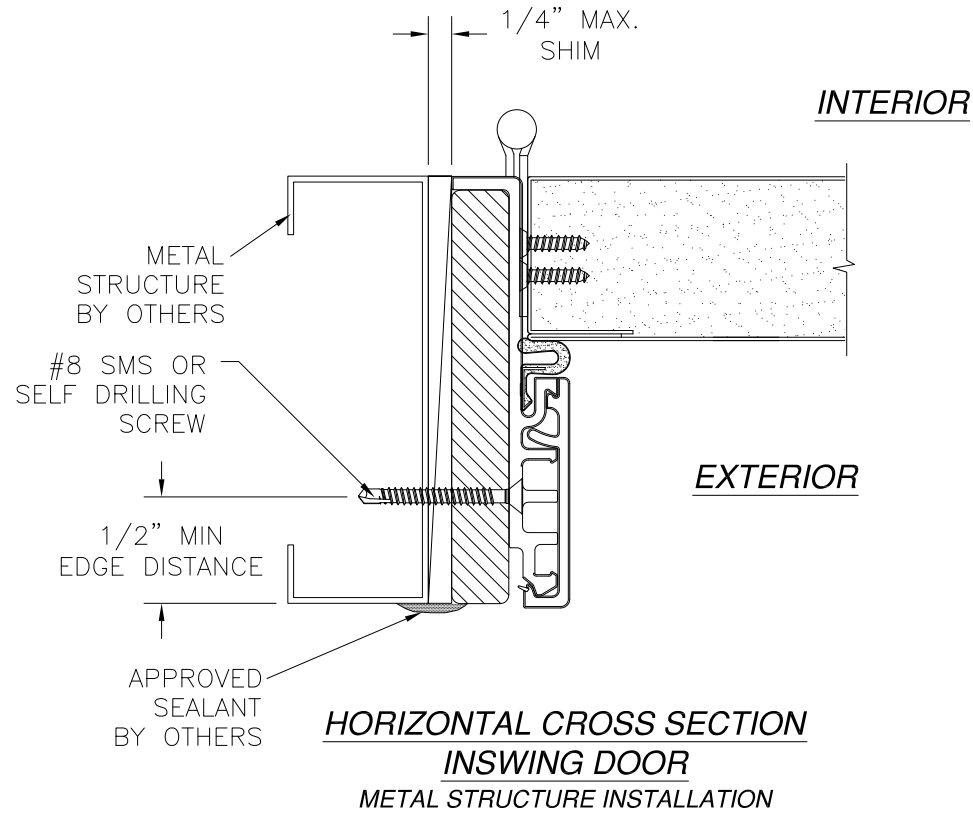
Luis R. Lomas P.E.
FL No.: 62514

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



STANDARD SIDELITE PANEL ATTACHMENT:
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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00982

REV F

SCALE NTS

DATE 04/23/10

SHEET 20 OF 32

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

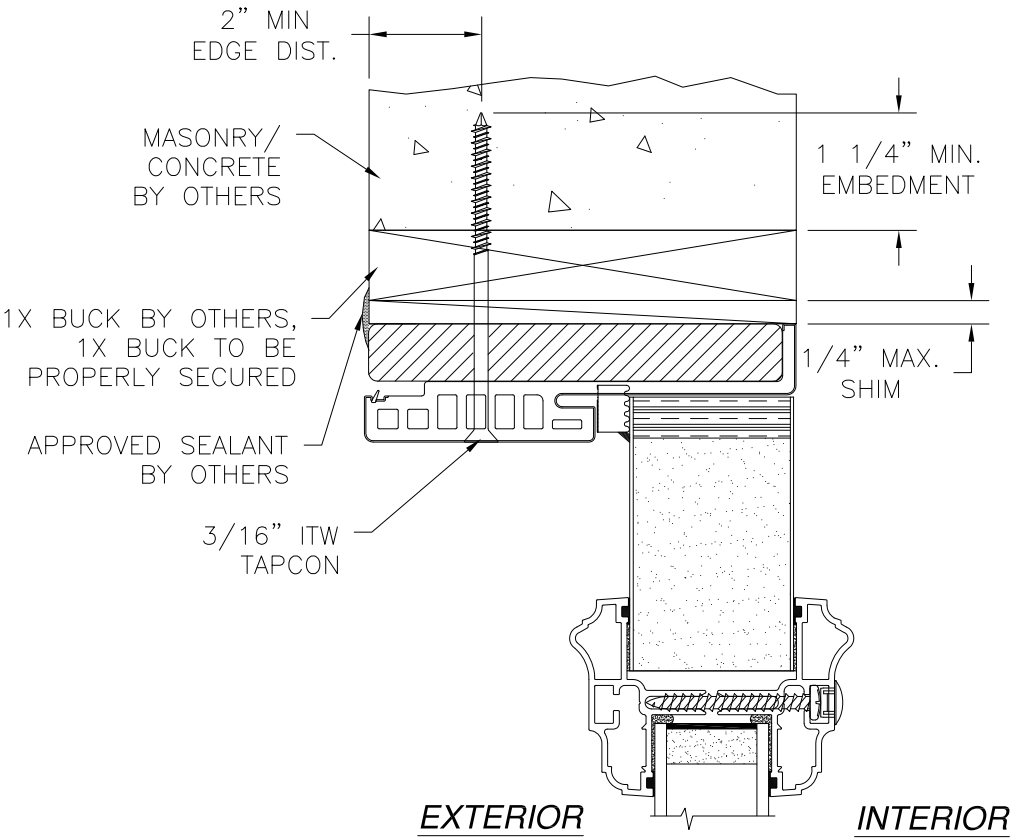
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

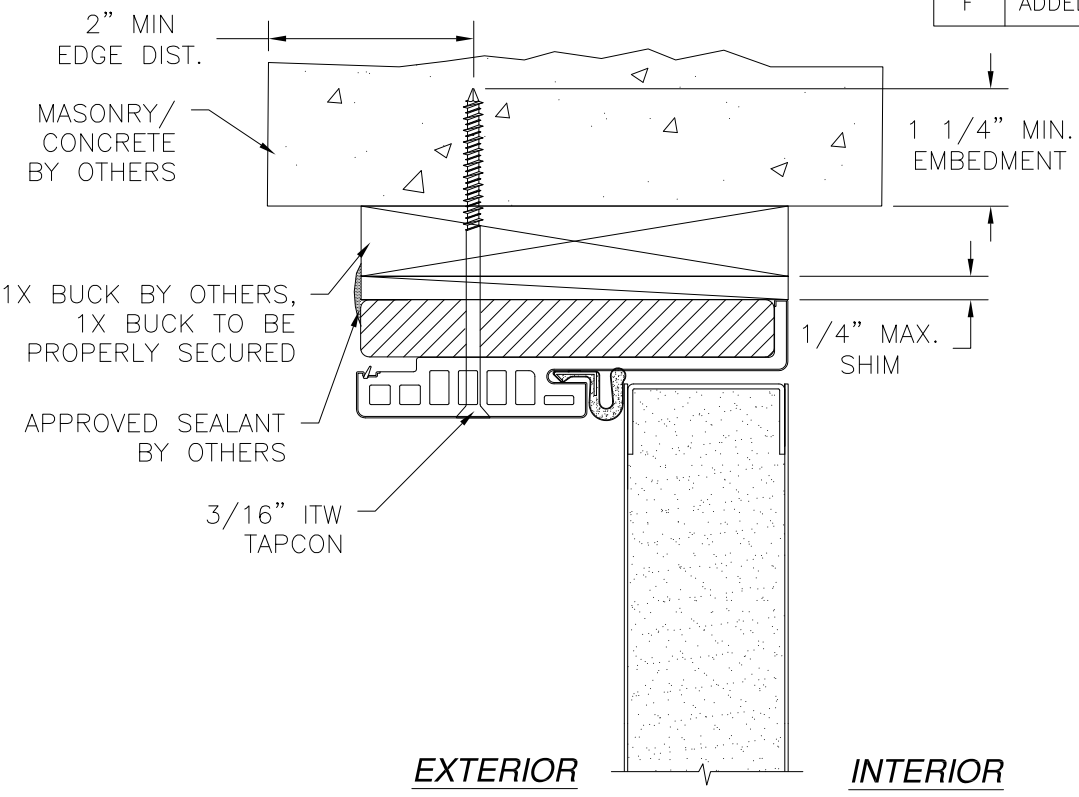


Luis R. Lomas P.E.
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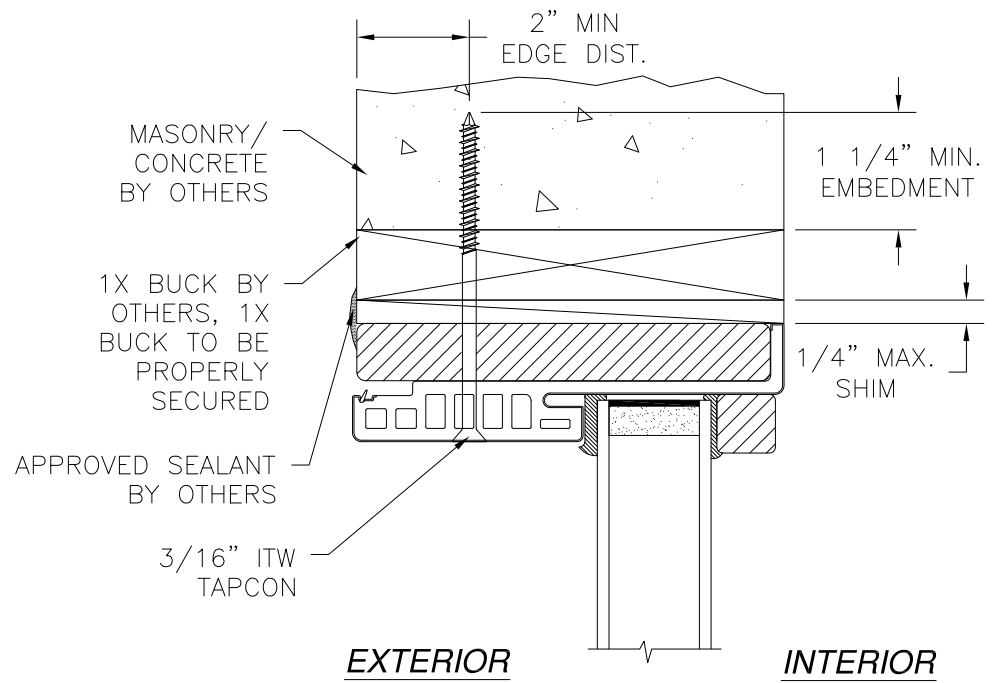
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**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**

- NOTES:
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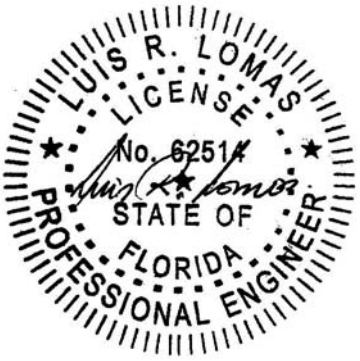
SIGNED: 01/08/2020

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

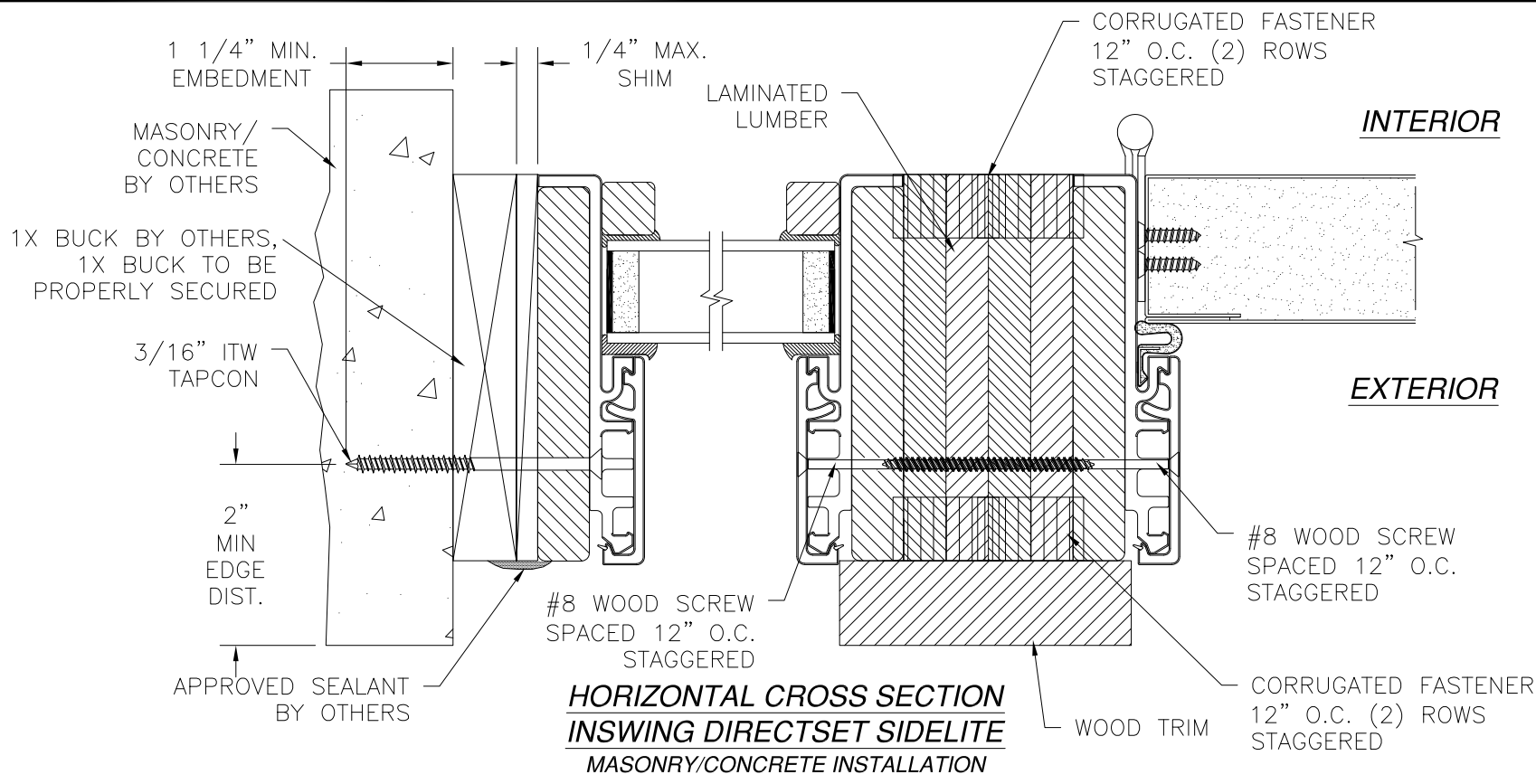
22GA. STEEL OPAQUE DOOR IS/OS
W/ AND W/OUT SIDELITES NON-IMPACT
INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 21 OF 32

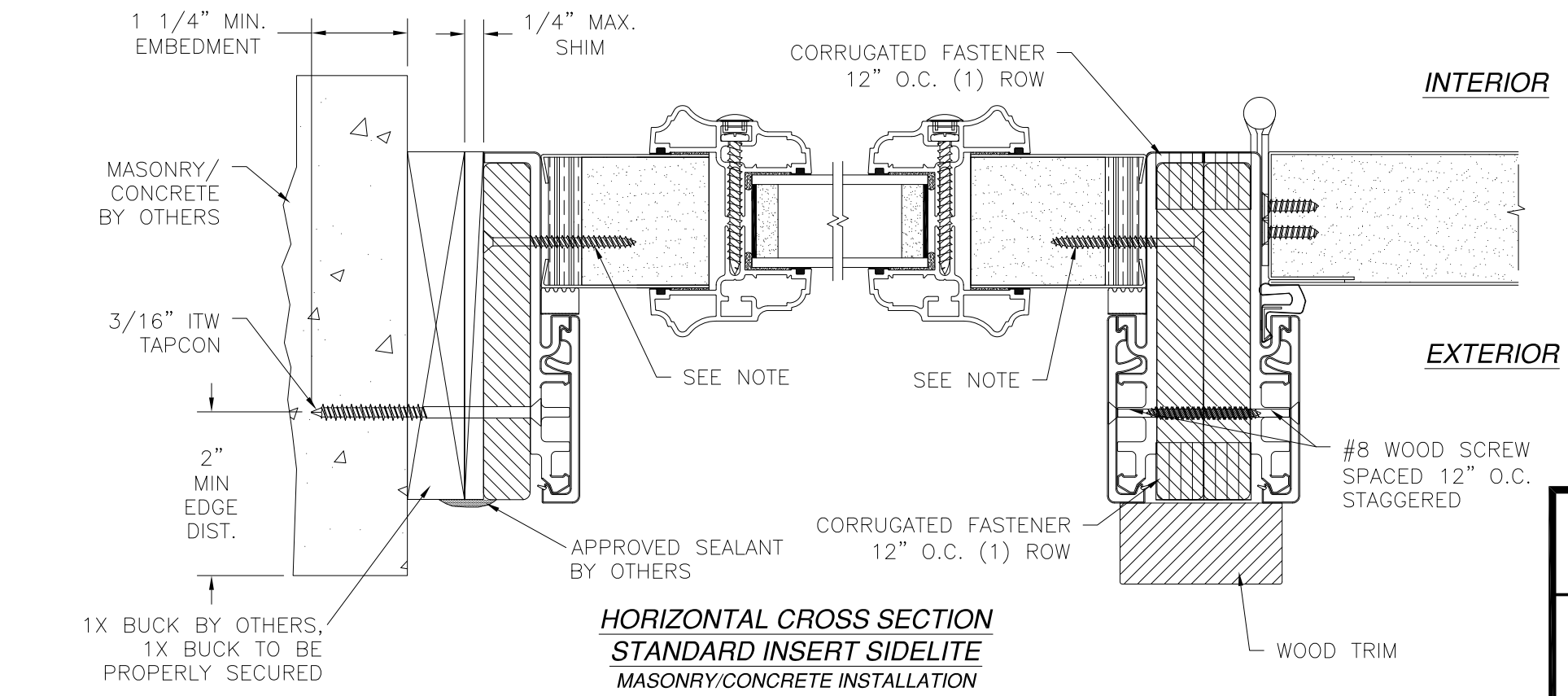
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com



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



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

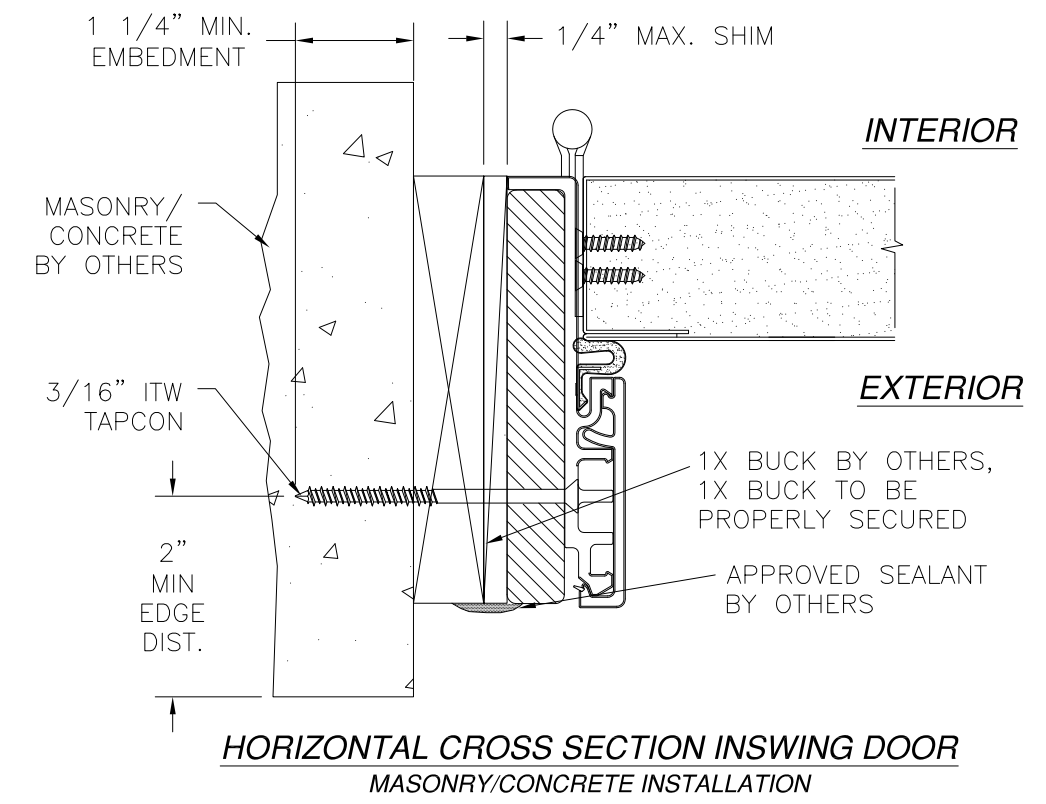


**HORIZONTAL CROSS SECTION
STANDARD INSERT SIDELITE
MASONRY/CONCRETE INSTALLATION**

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



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

SIGNED: 01/08/2020

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

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

DRAWN:
TJH

DWG NO.
08-00982

REV
F

SCALE NTS

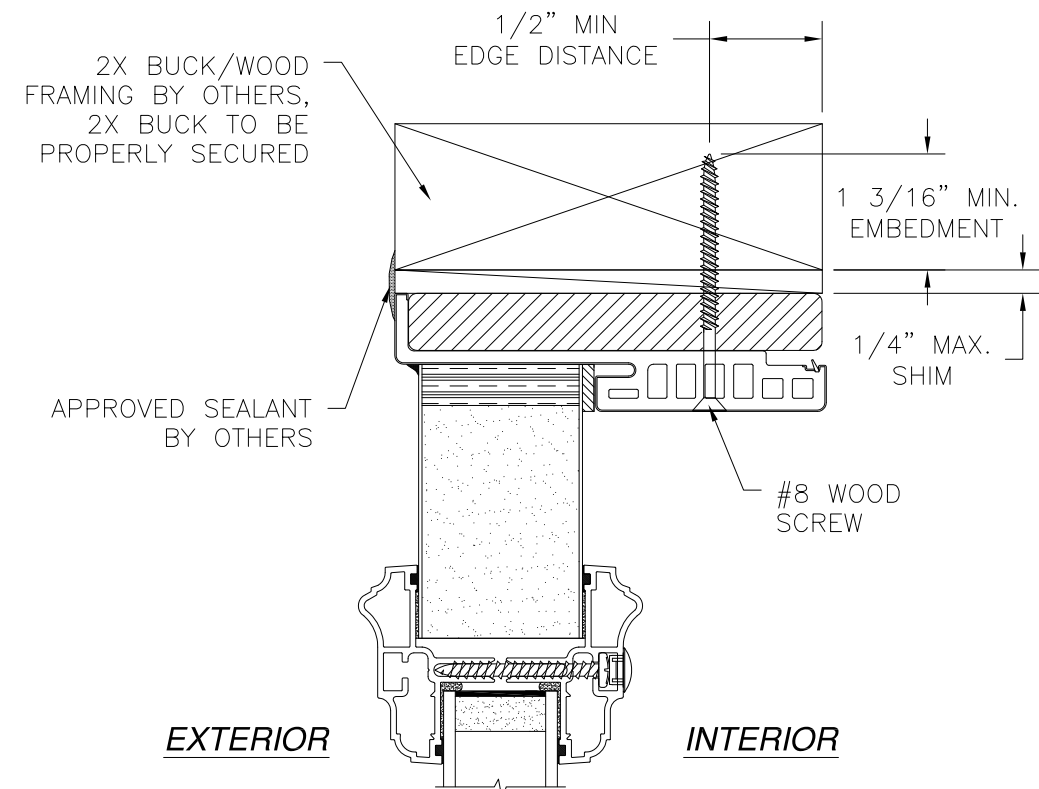
DATE 04/23/10

SHEET 22 OF 32

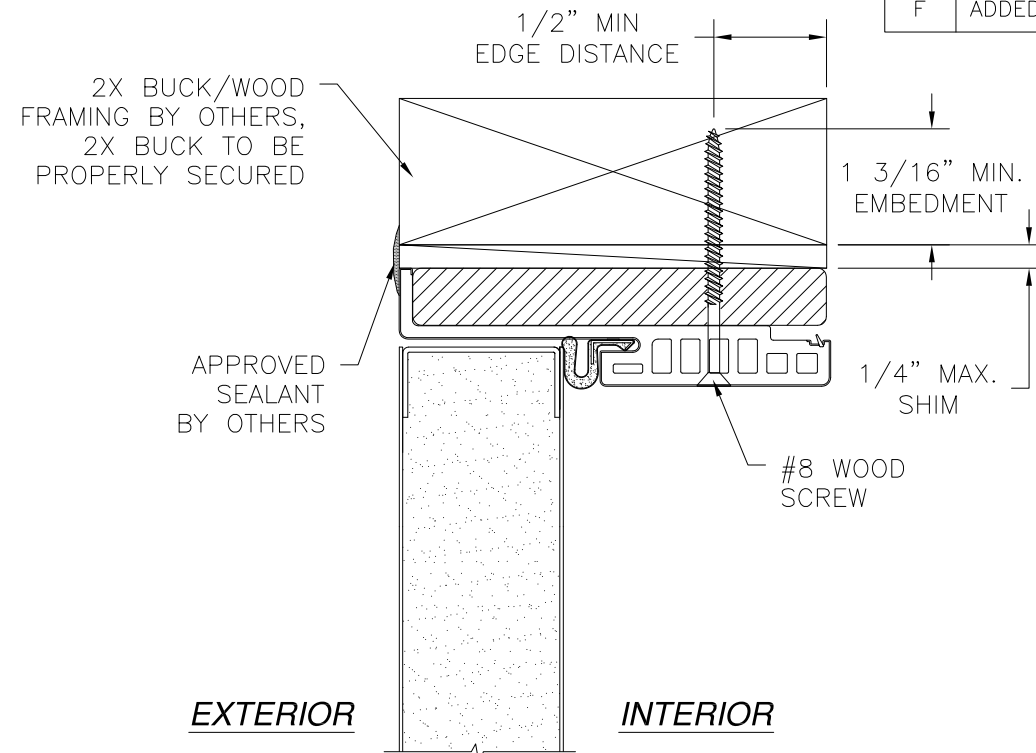
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com

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

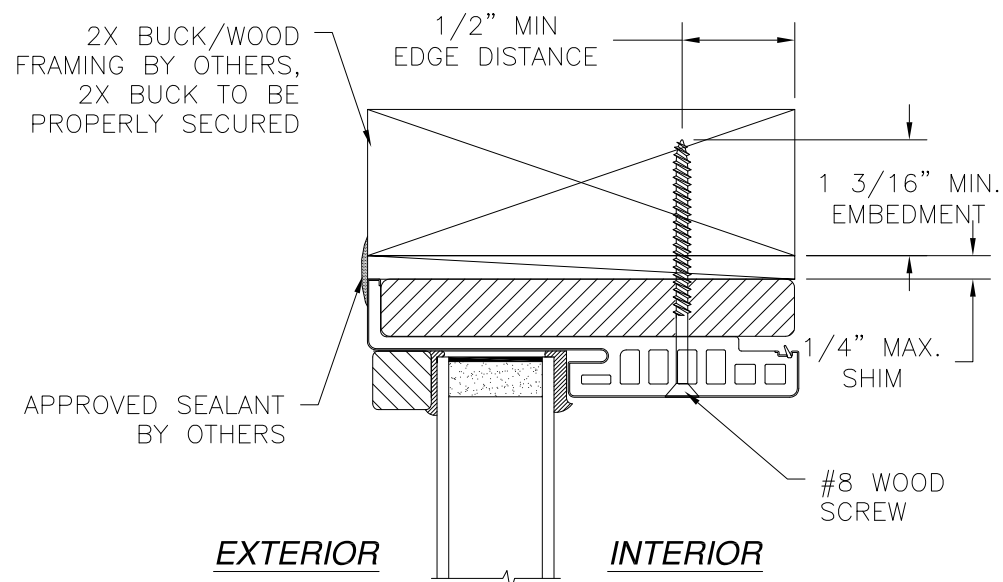
Luis R. Lomas P.E.
FL No.: 62514



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



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



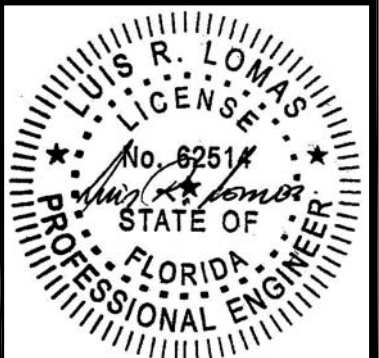
VERTICAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
 2X BUCK/WOOD FRAMING INSTALLATION

- NOTES:
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

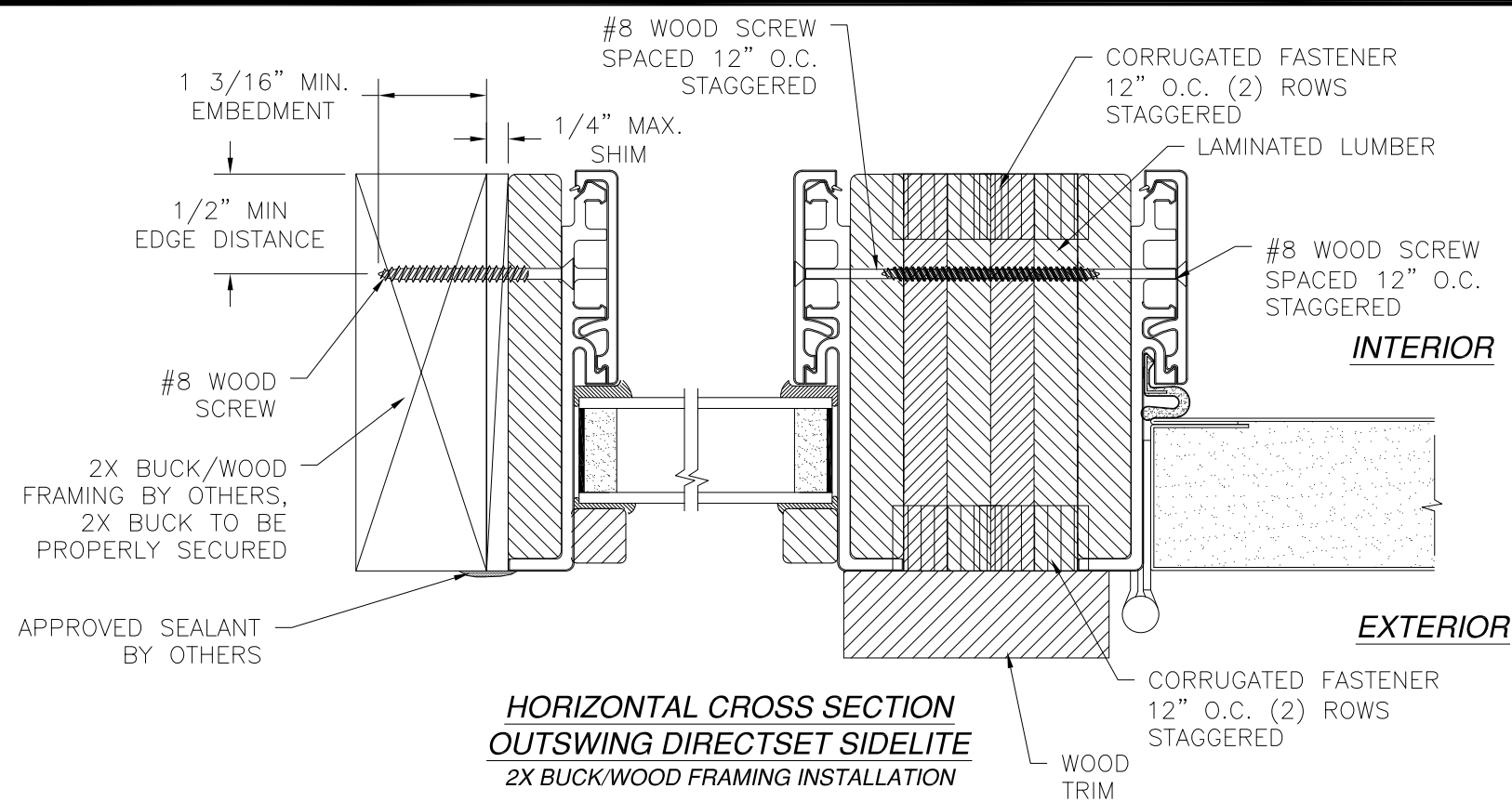
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

SIGNED: 01/08/2020

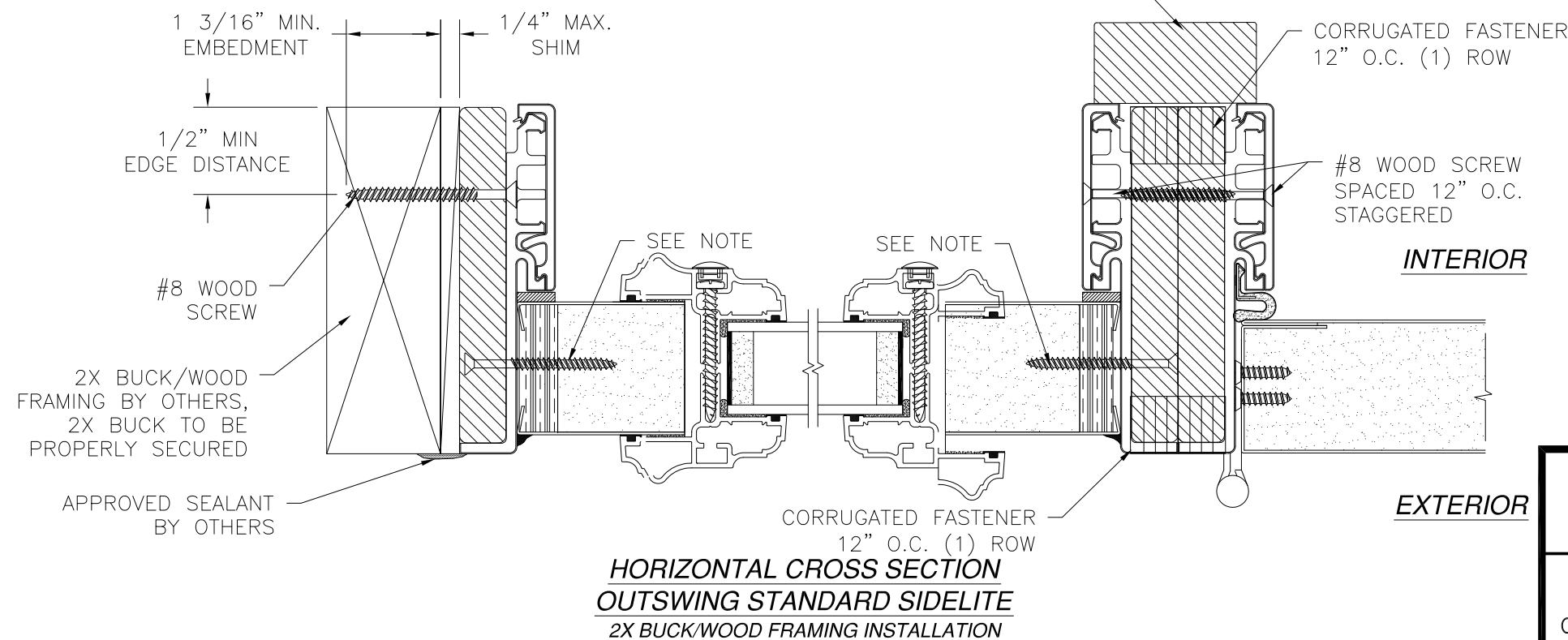
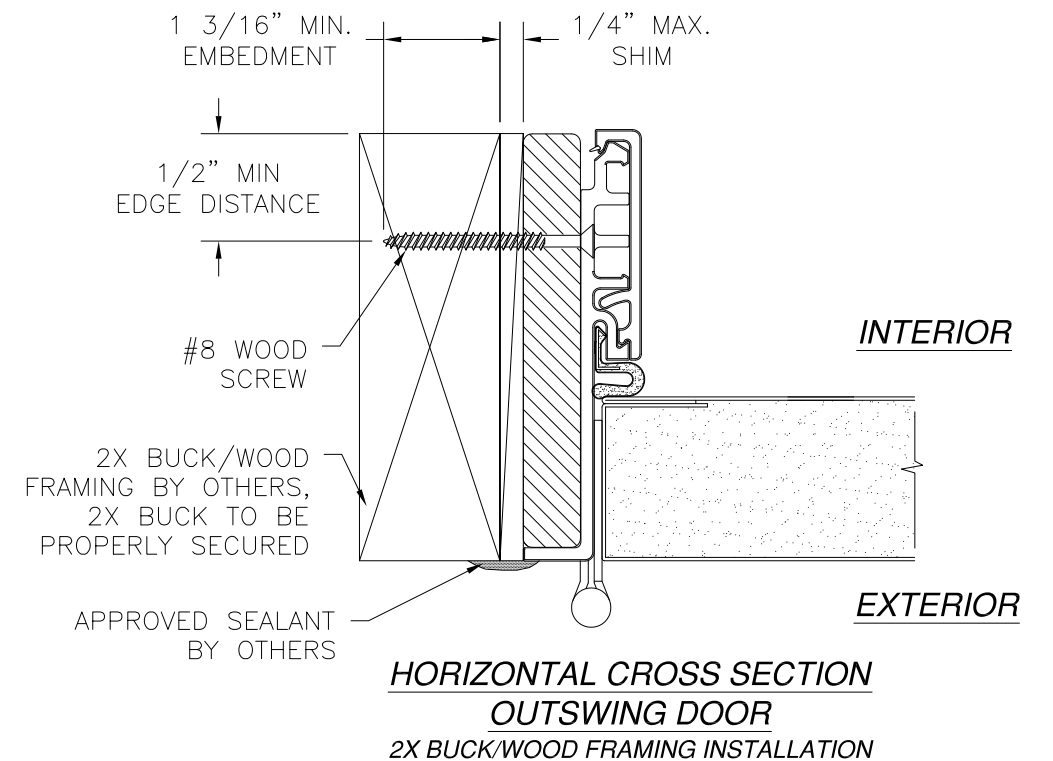
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 23 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



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



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REV	DESCRIPTION	DATE	APPROVED
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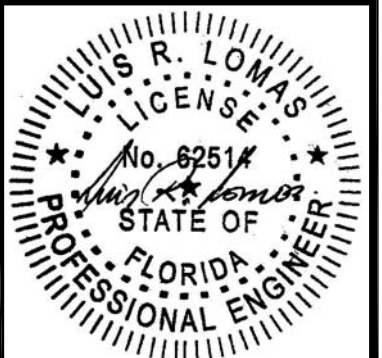


STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
EACH CORNER AND 17" MAX. O.C. THEREAFTER.

- 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

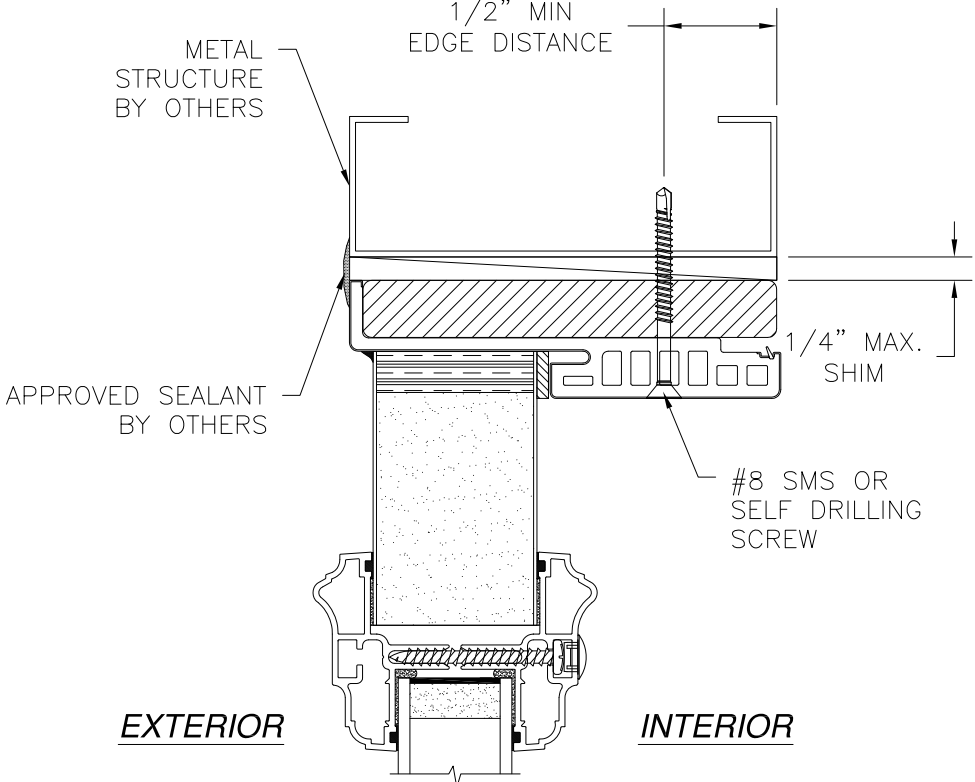
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	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		

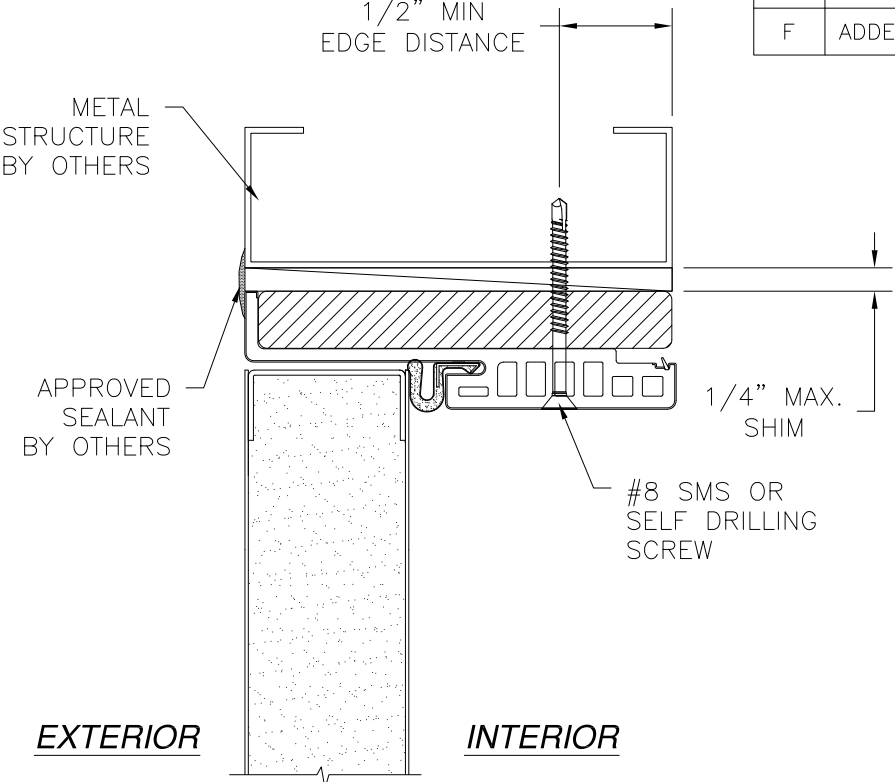


Luis R. Lomas P.E.
FL No.: 62514

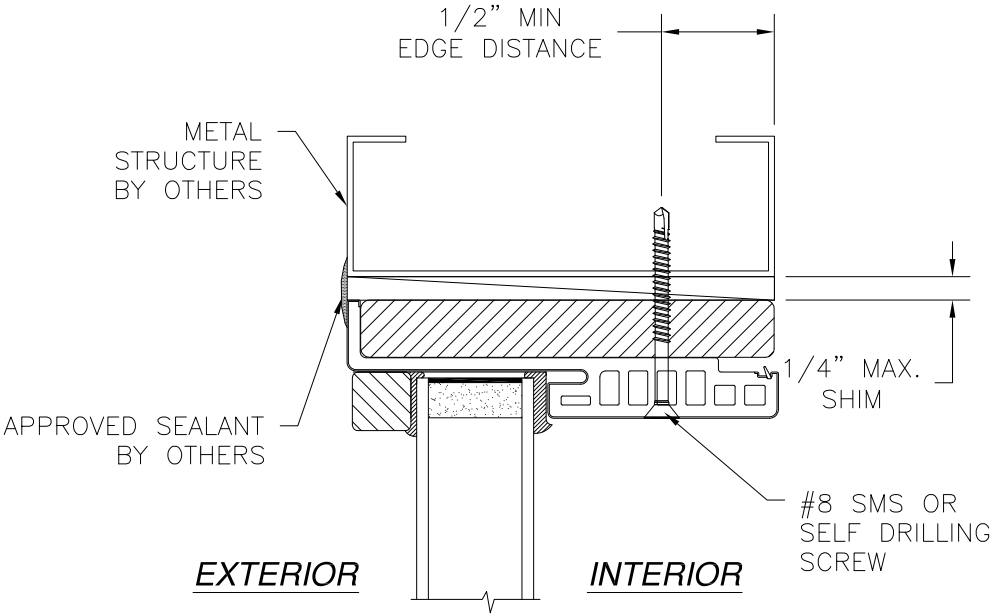
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



**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.
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PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00982

REV F

SCALE NTS

DATE 04/23/10

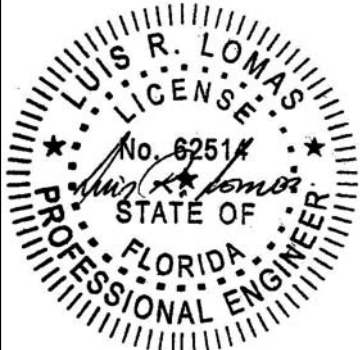
SHEET 25 OF 32

L. ROBERTO LOMAS P.E.

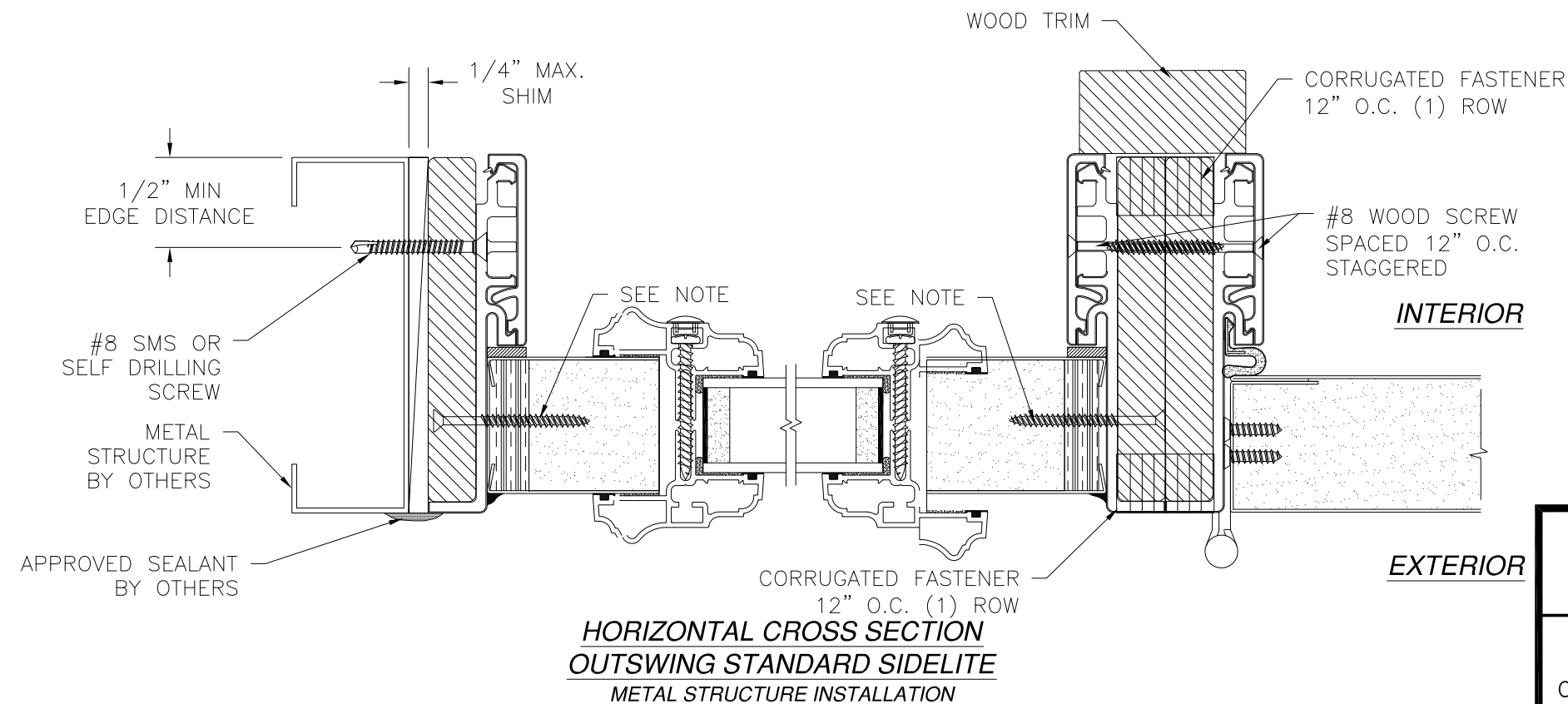
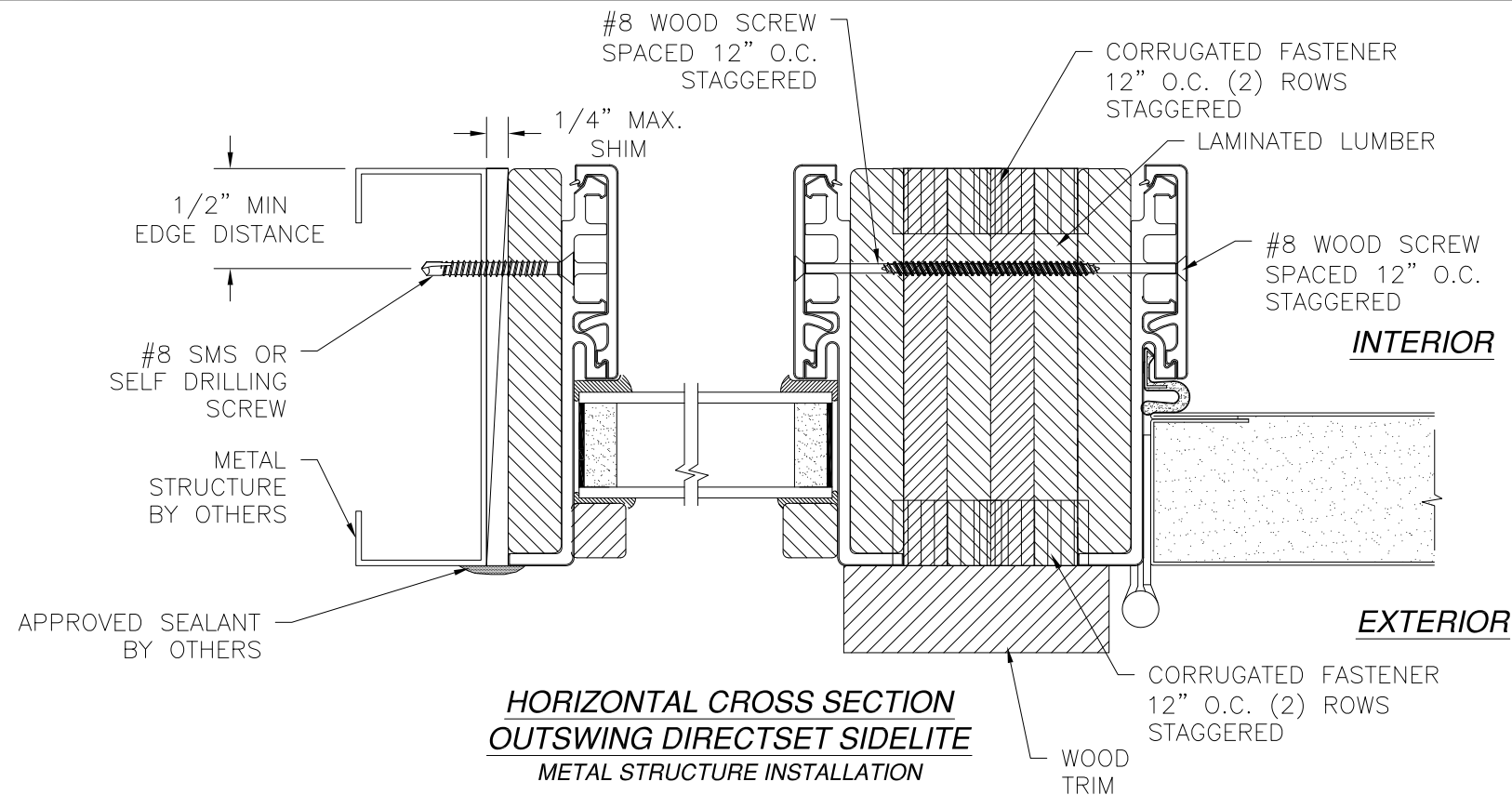
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020



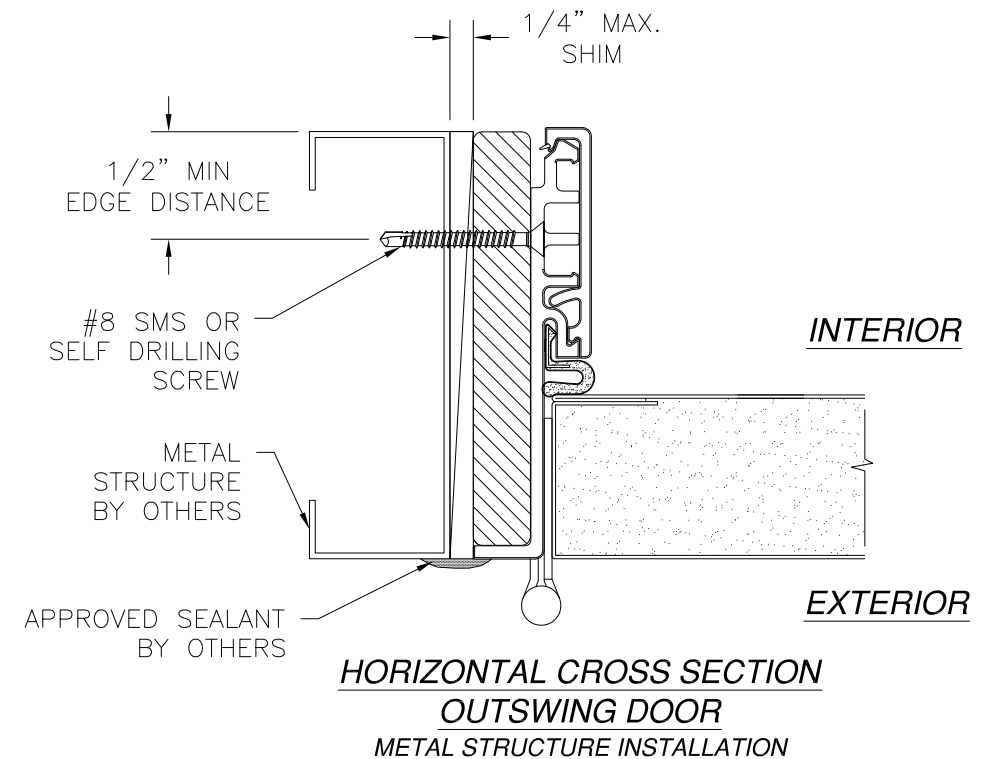
Luis R. Lomas P.E.
FL No.: 62514



- 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

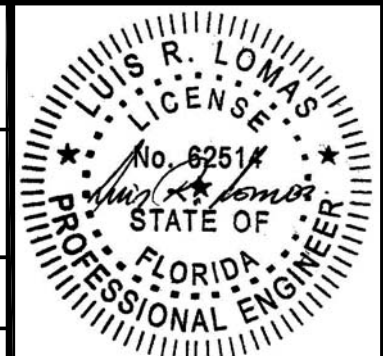
STANDARD SIDELITE PANEL ATTACHMENT:
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WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM
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REV	DESCRIPTION	DATE	APPROVED
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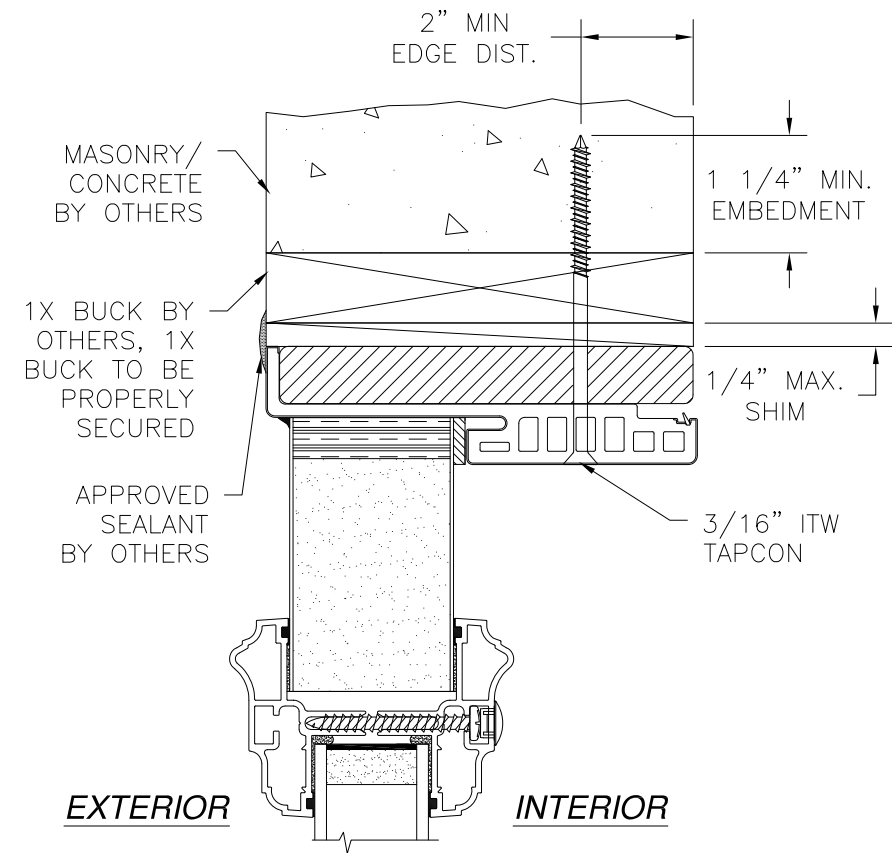


SIGNED: 01/08/2020

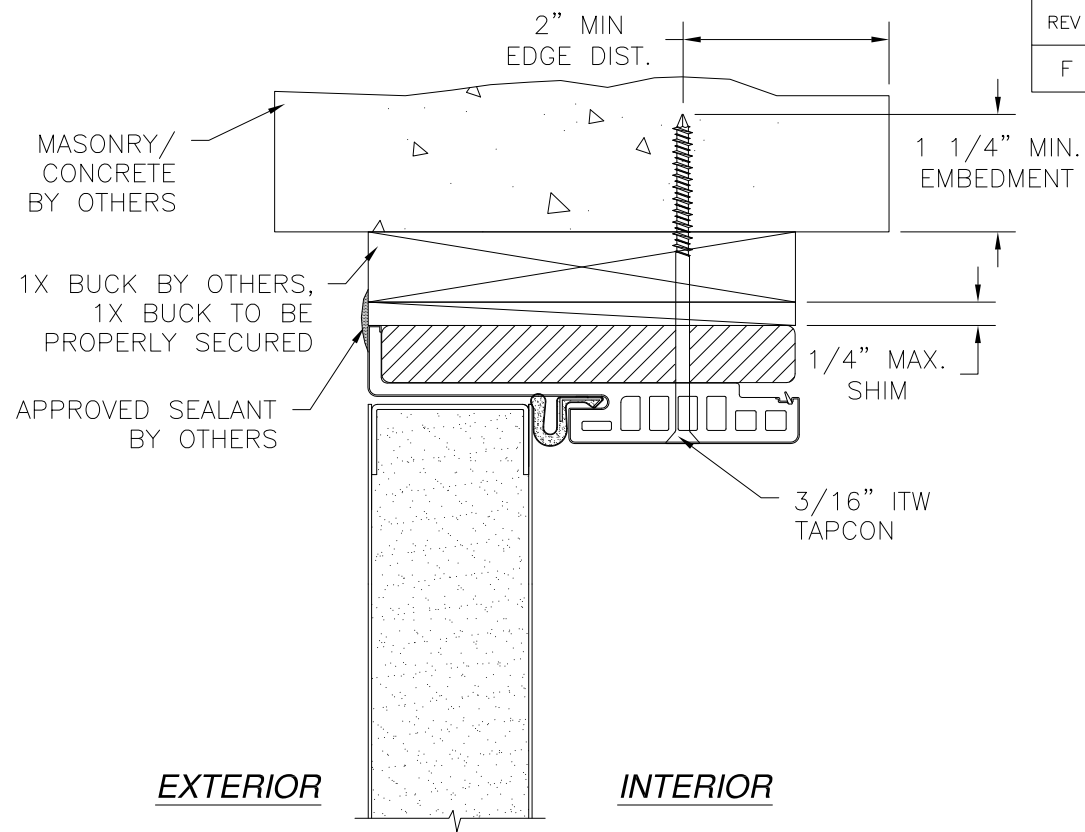
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 26 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



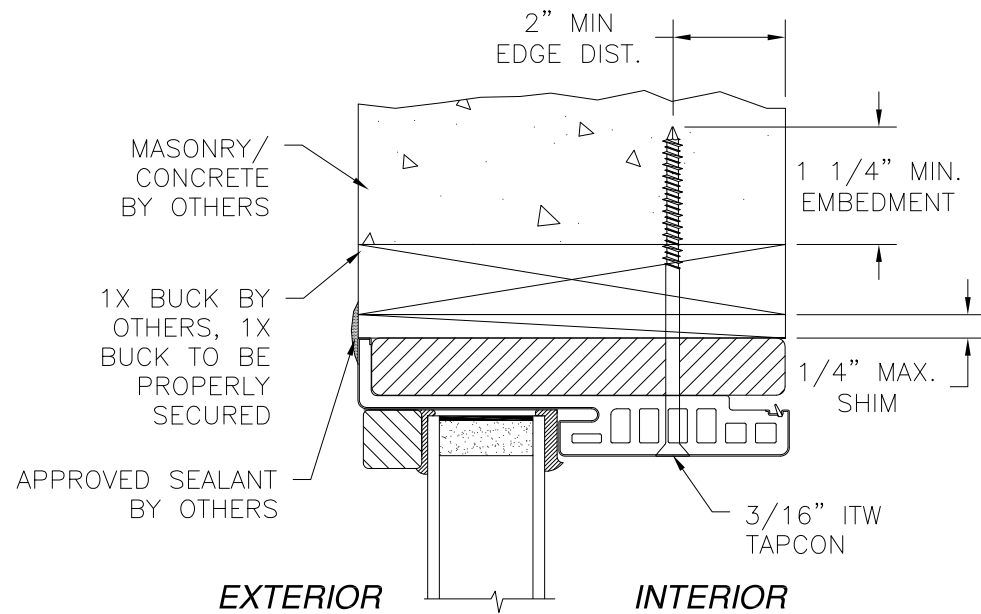
Luis R. Lomas P.E.
FL No.: 62514



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



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



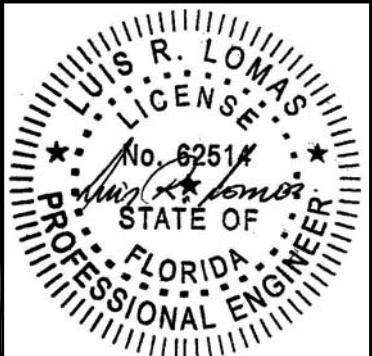
**VERTICAL CROSS SECTION
OUTSWING DIRECTSET SIDELITE
MASONRY/CONCRETE INSTALLATION**

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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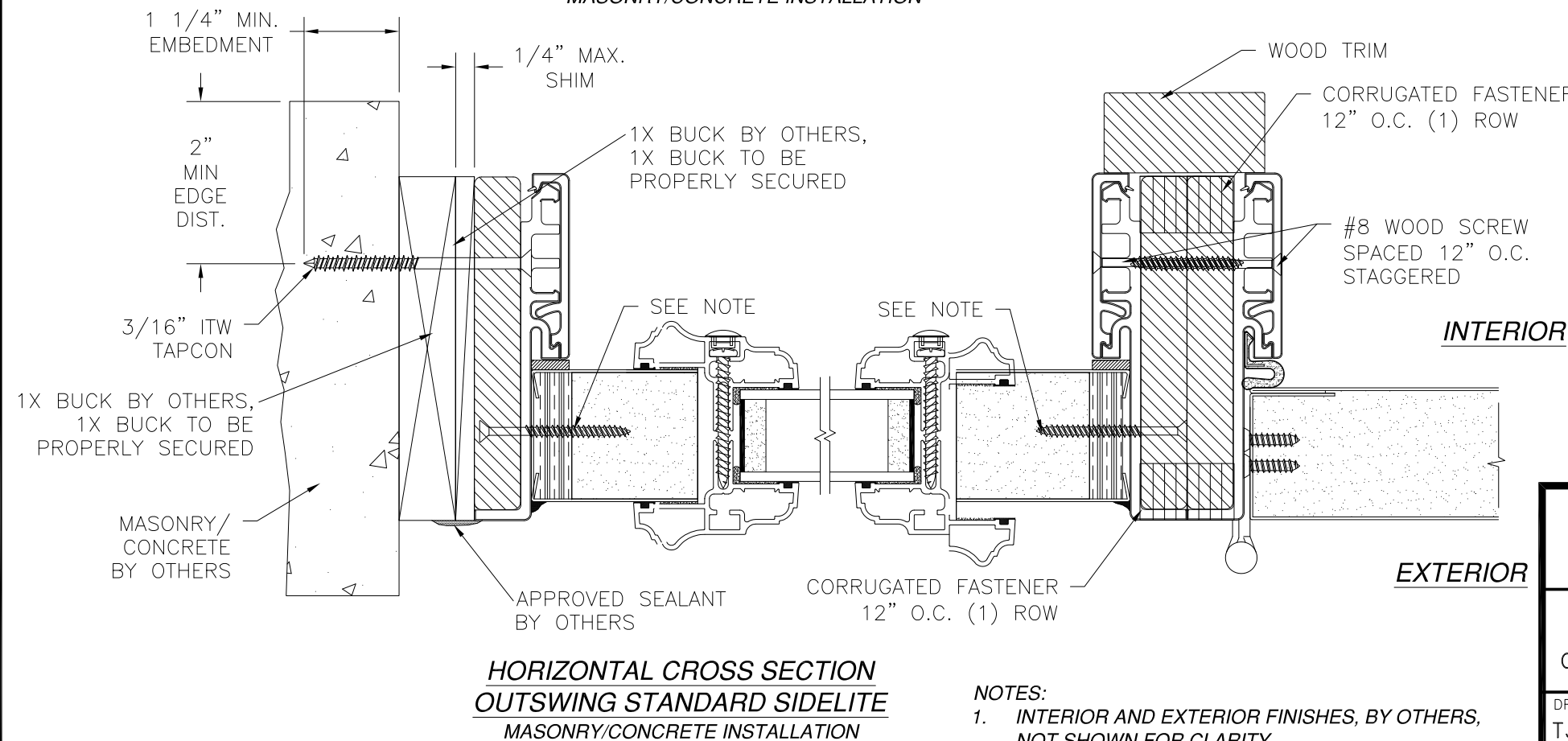
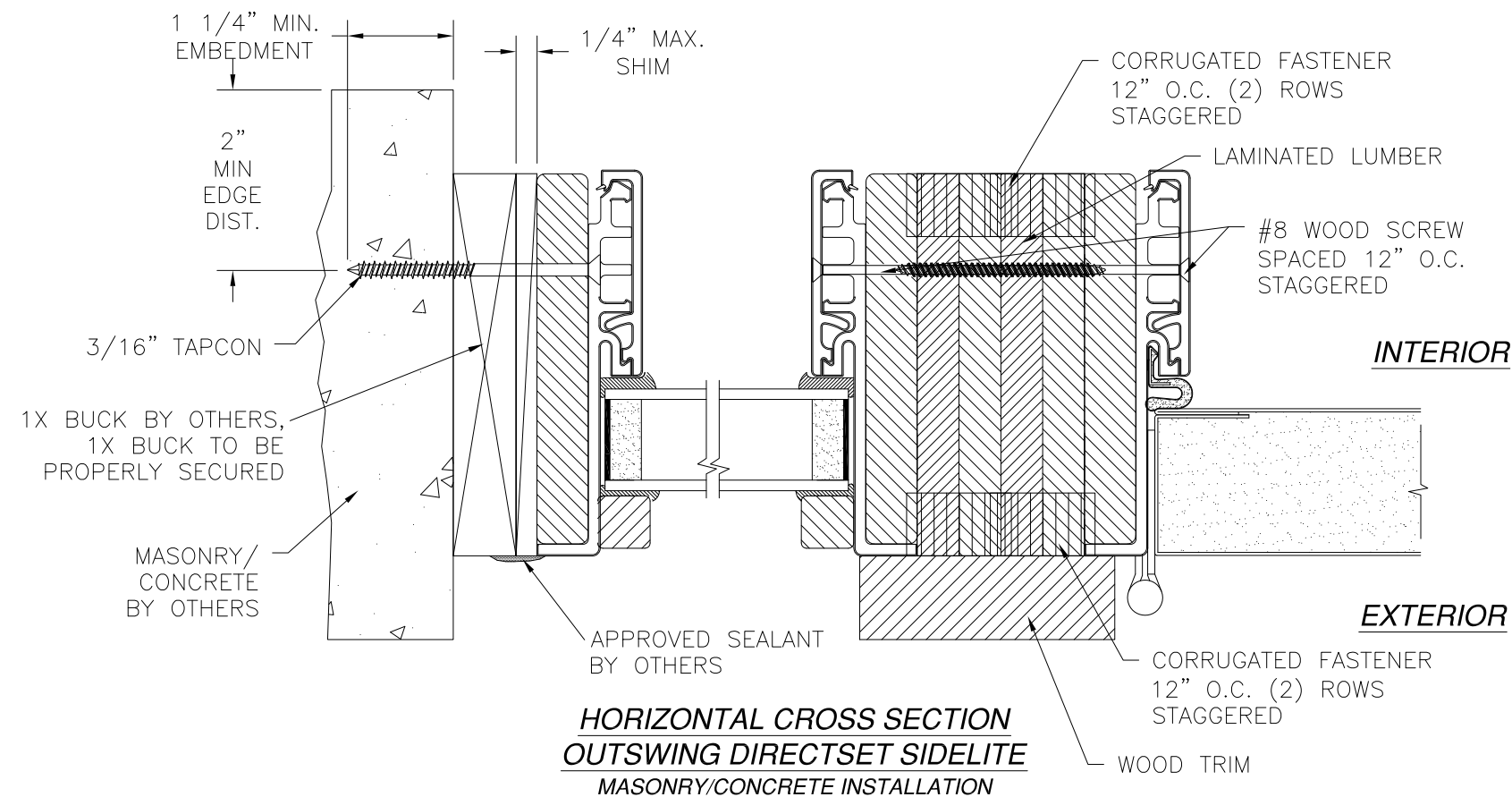
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.

SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT OUTSWING INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: TJH	DWG NO. 08-00982	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@rlomaspe.com		



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

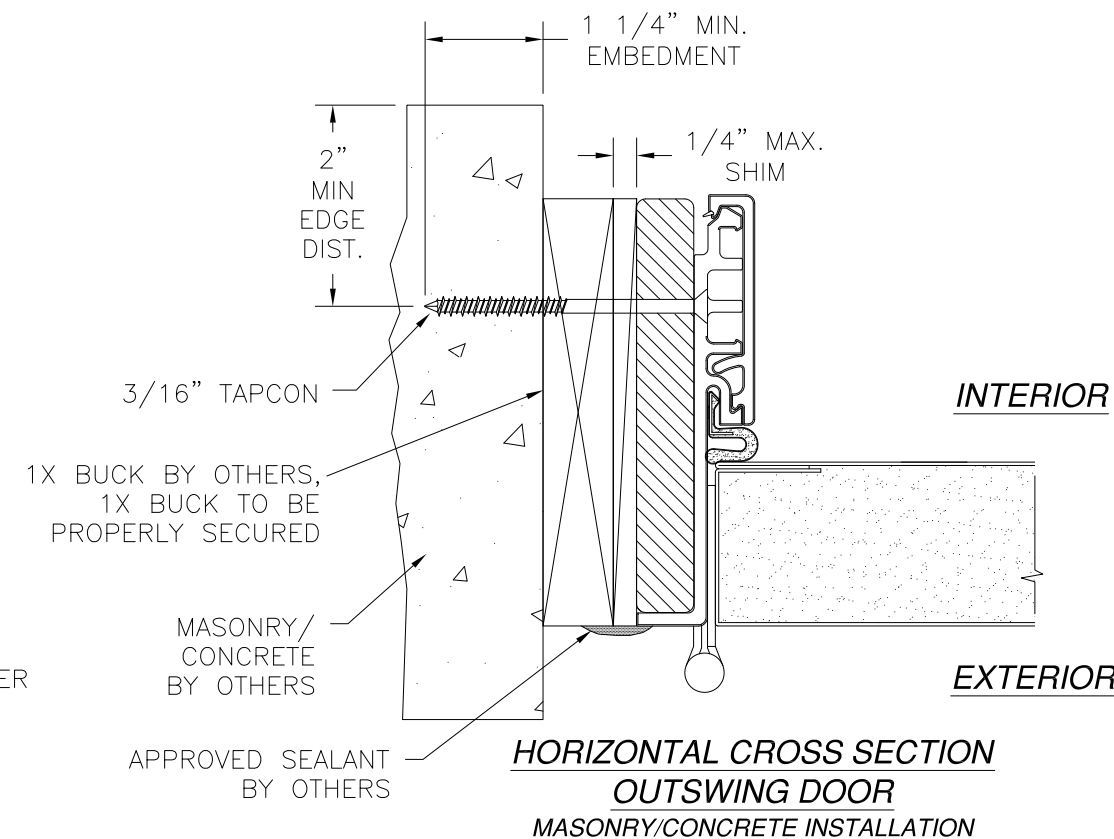


STANDARD SIDELITE PANEL ATTACHMENT:
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY
WITH (9) #8 x 1 5/8\"/>

NOTES:

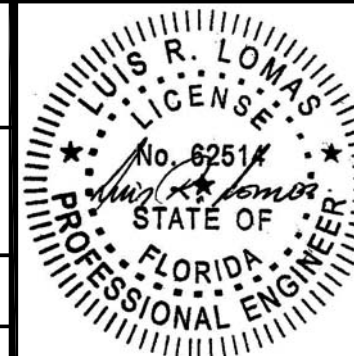
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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REVISIONS			
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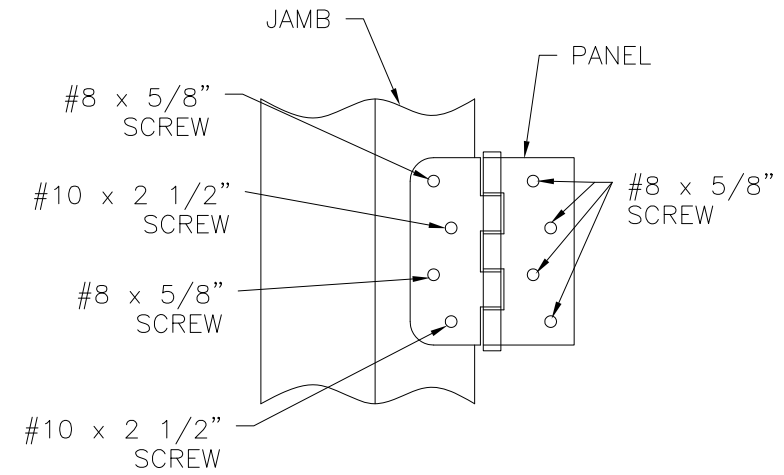


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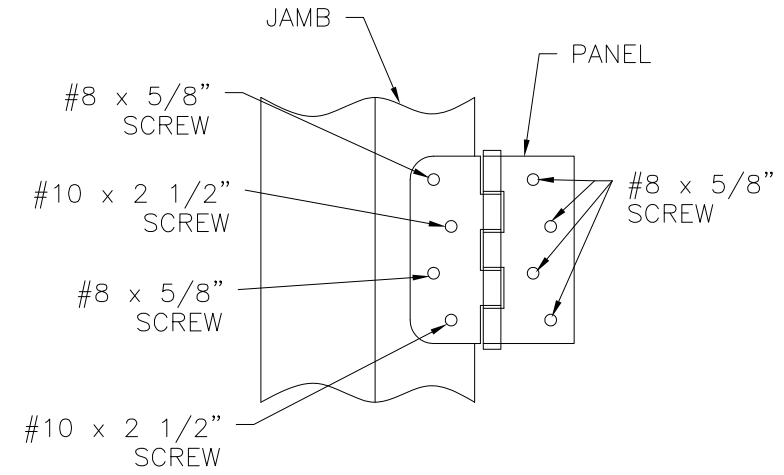
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
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DRAWN: TJH	DWG NO. 08-00982	REV F
SCALE NTS	DATE 04/23/10	SHEET 28 OF 32
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		



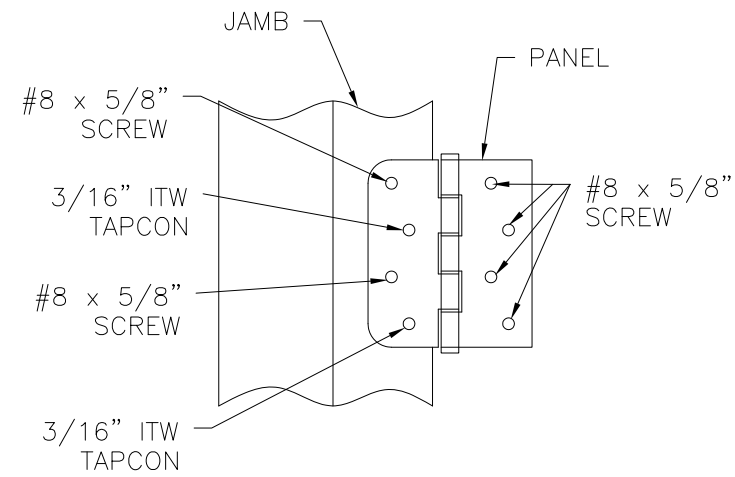
Luis R. Lomas P.E.
FL No.: 62514



HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION

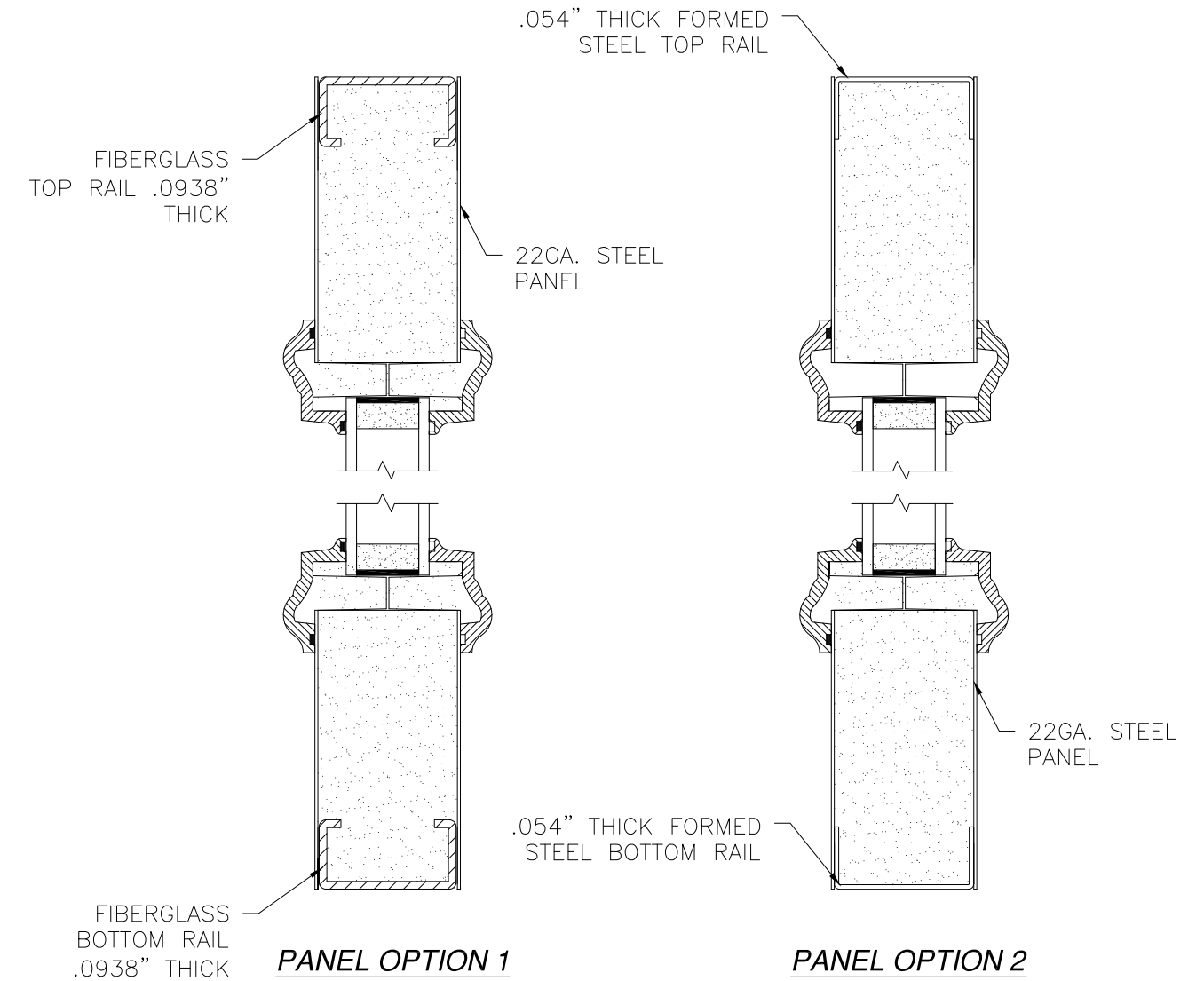


HINGE INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

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

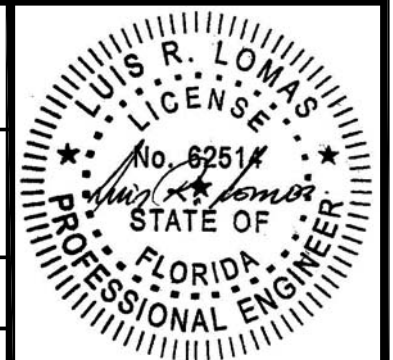


PANEL OPTION 1

PANEL OPTION 2

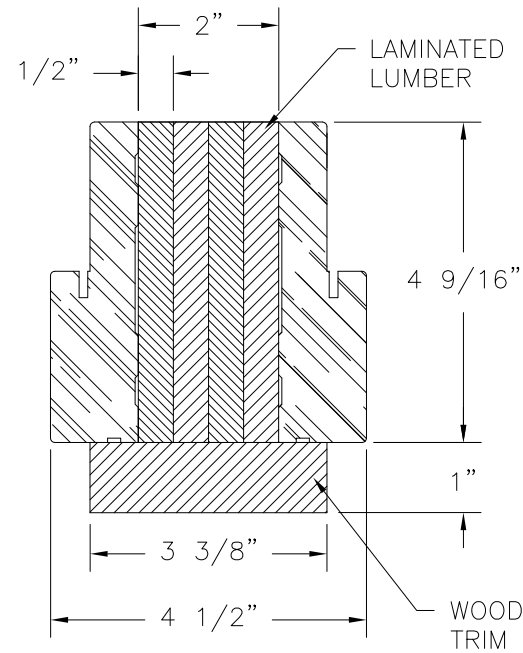
SIGNED: 01/08/2020

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
22GA. STEEL OPAQUE DOOR IS/OS W/ AND W/OUT SIDELITES NON-IMPACT COMPONENTS DETAILS		
DRAWN: TJH	DWG NO. 08-00982	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		

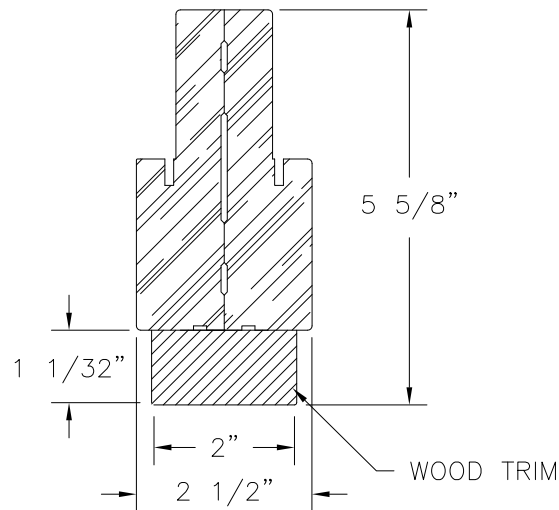


Luis R. Lomas P.E.
FL No.: 62514

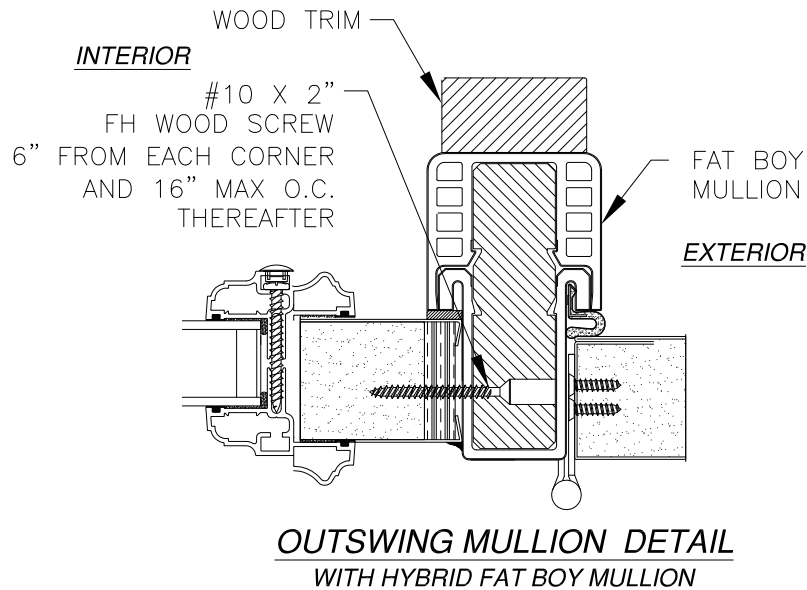
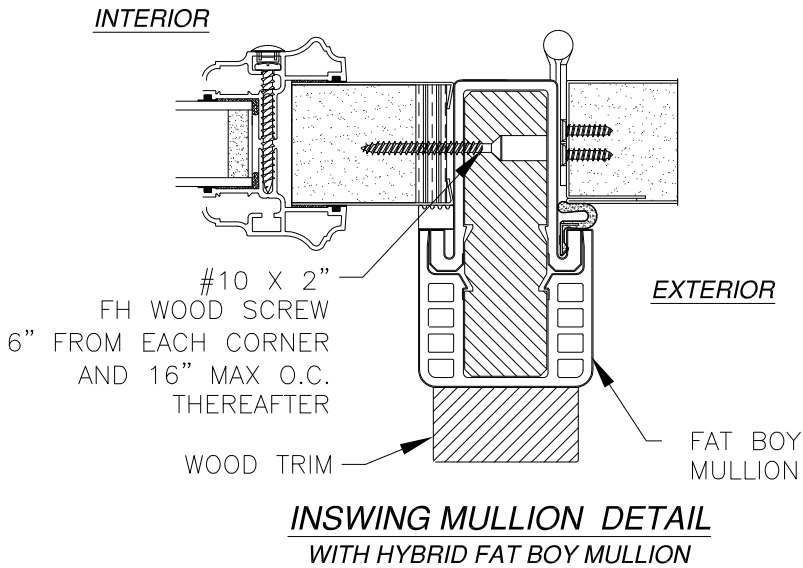
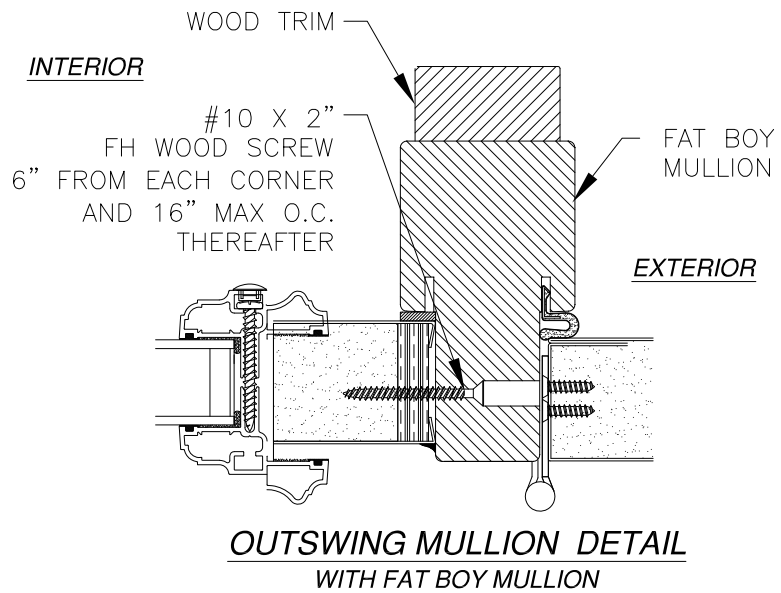
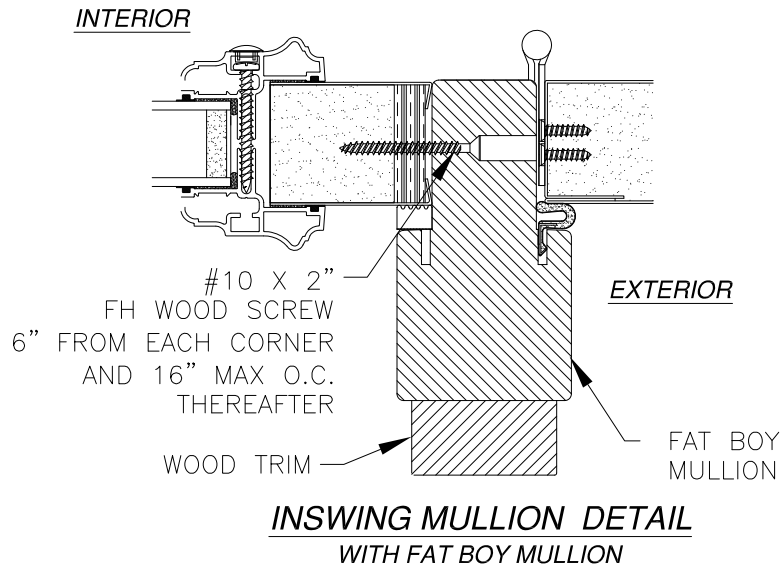
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED SILLS	01/06/2020	R.L.



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



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



SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN:

TJH

DWG NO.

08-00982

REV

F

SCALE

NTS

DATE

04/23/10

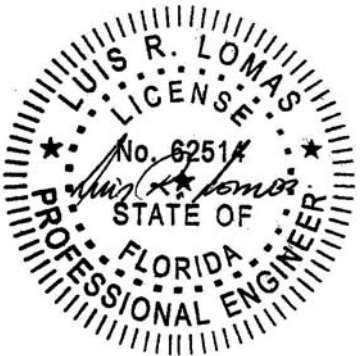
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30 OF 32

L. ROBERTO LOMAS P.E.

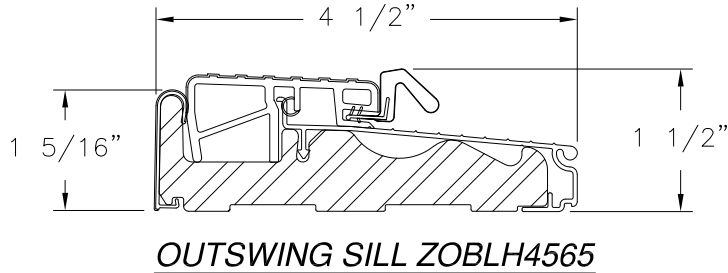
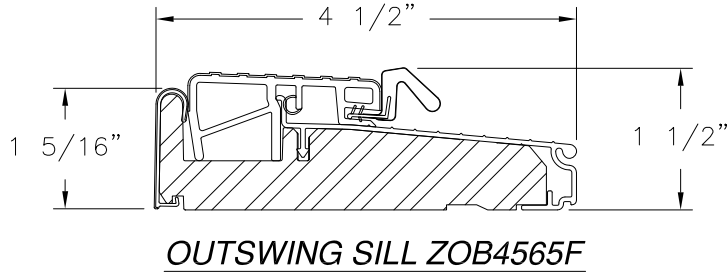
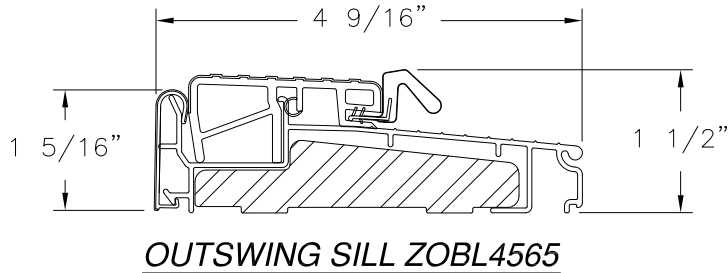
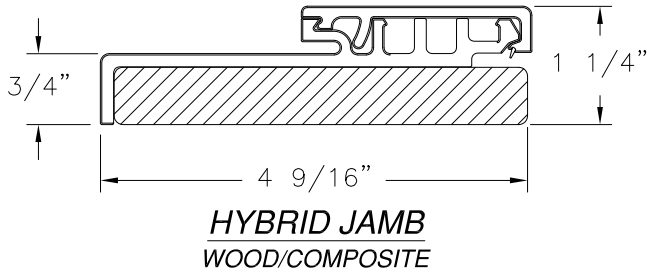
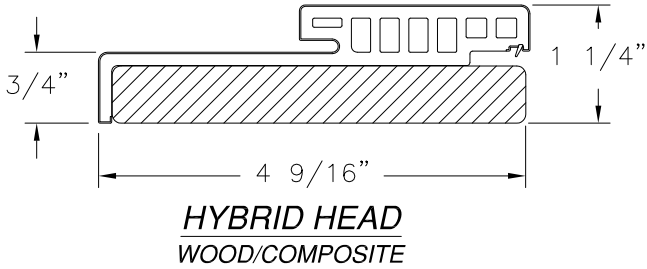
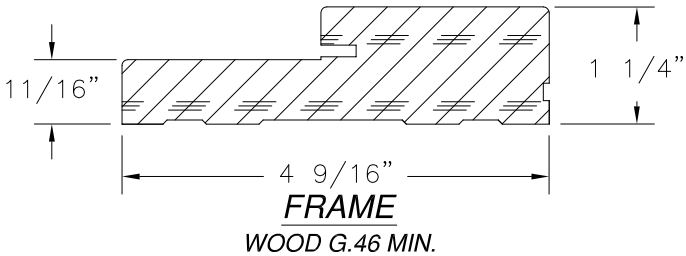
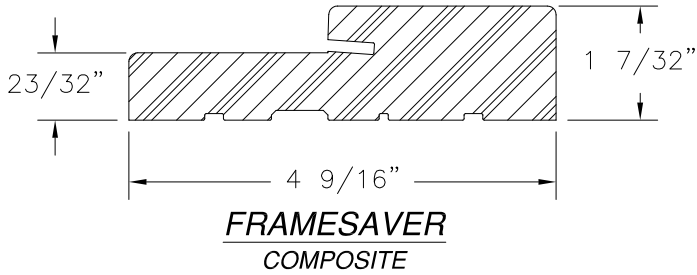
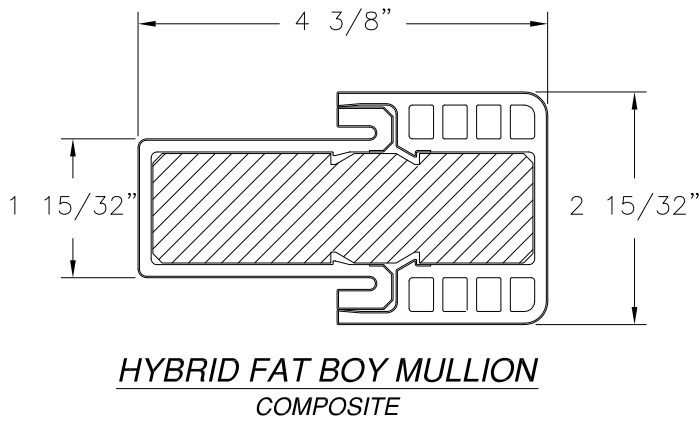
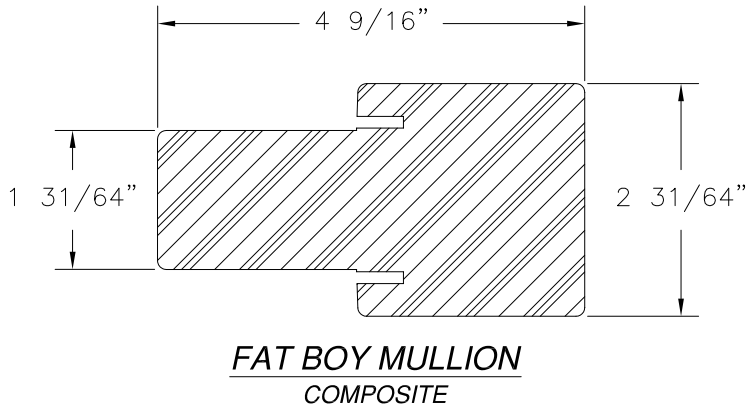
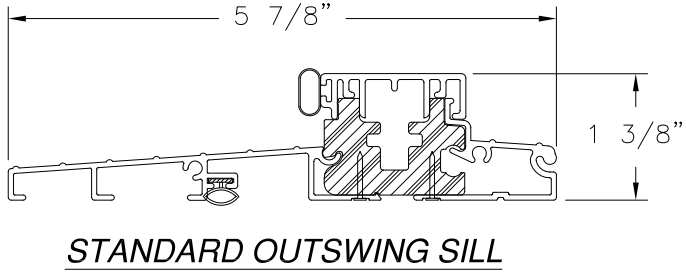
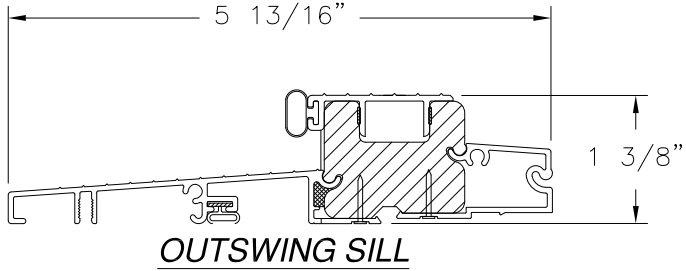
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com



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

REVISIONS			
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SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00982

REV F

SCALE NTS

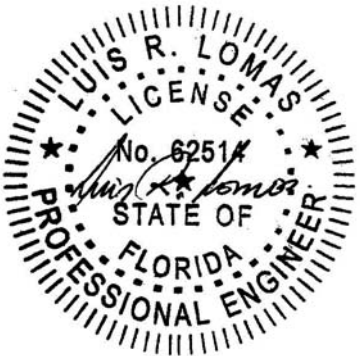
DATE 04/23/10

SHEET 31 OF 32

L. ROBERTO LOMAS P.E.

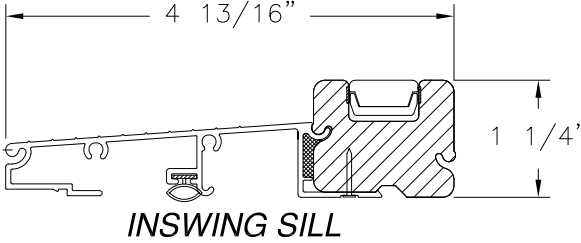
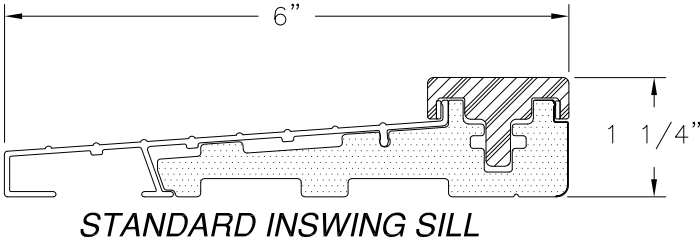
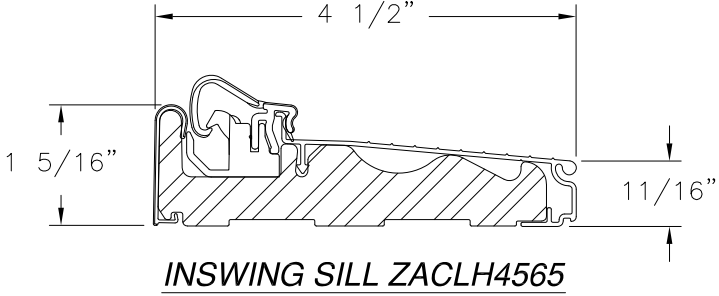
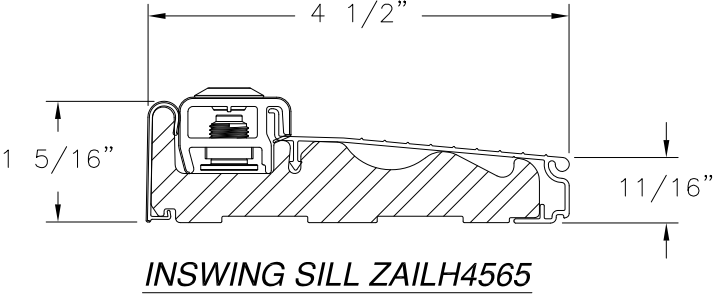
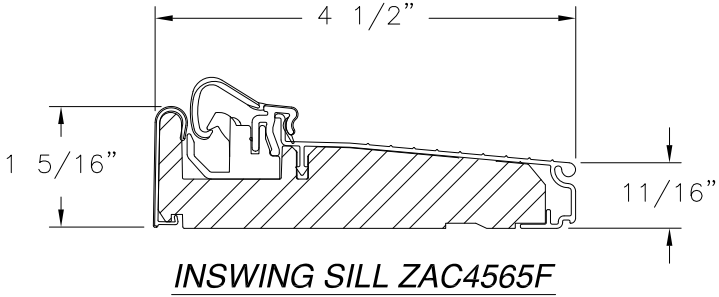
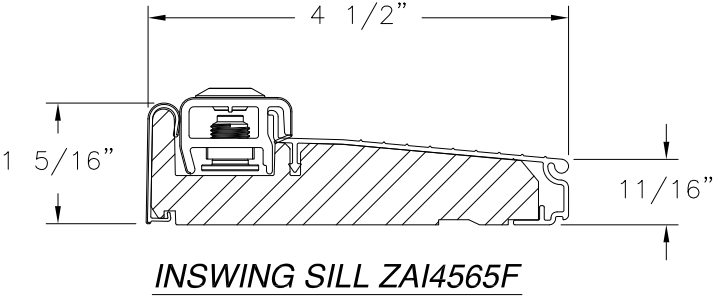
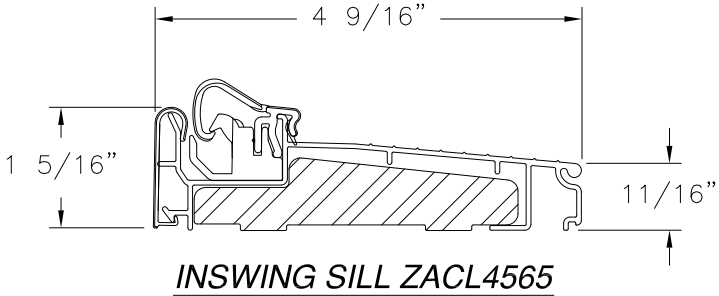
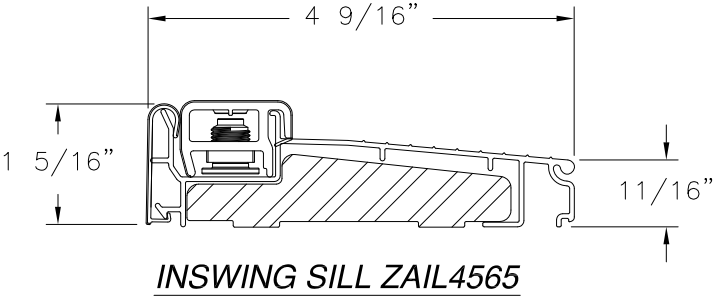
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com



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FL No.: 62514

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

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

DRAWN: TJH	DWG NO. 08-00982	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@rlomaspe.com

SIGNED: 01/08/2020

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