

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
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NOTES:

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

2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.

3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.

4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.

5. WHERE WOOD BUCK THICKNESS IS 1–1/2” OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS.

6. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.

7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.

8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.

9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.

10. FRAME MATERIAL: WOOD WITH G=.046 MINIMUM SPECIFIC GRAVITY, OR FRAMESAVER, OR FUSION FRAME.

11. DOOR PANEL MATERIAL: 22GA. STEEL SKIN MINIMUM WITH .054” STEEL TOP AND BOTTOM RAILS.

12. STANDARD SIDELITE PANEL MATERIAL: 24GA. STEEL SKIN.

13. UNITS MUST BE GLAZED PER ASTM E1300–04/09, SEE SHEET 29 FOR GLASS DETAILS.
14. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/16” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

16. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

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

18. ALL FASTENERS TO BE CORROSION RESISTANT.

19. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER’S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:

A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI.

20. 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 – IMPACT  
NOTES

DRAWN:  
TJH

DWG NO.  
08–00980

REV  
E

SCALE NTS

DATE 04/20/10

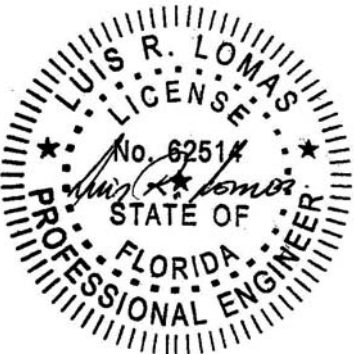
SHEET 1 OF 32

L. ROBERTO LOMAS P.E.

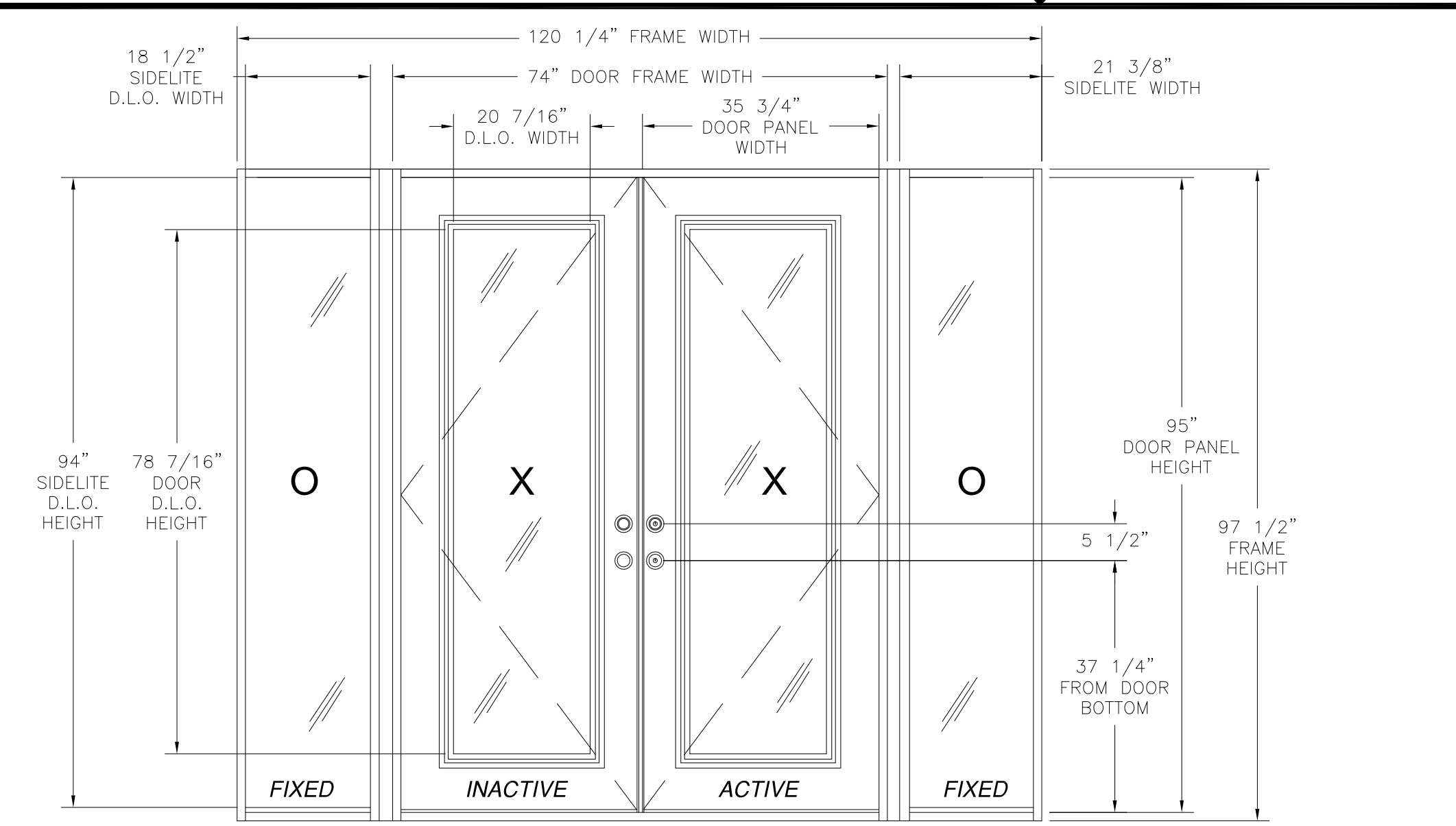
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com

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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                                                                                                       | LARGE AND SMALL MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                                |

WITH STANDARD SIDELITES

| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| ±51.0PSF                                                                                                                | LARGE AND SMALL MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                                |

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

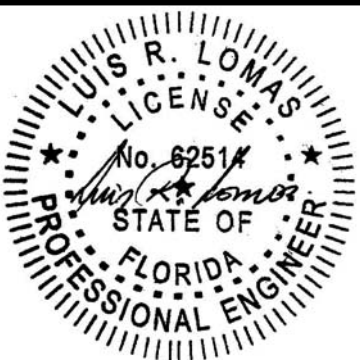
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SUGARCREEK, OH 44681

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

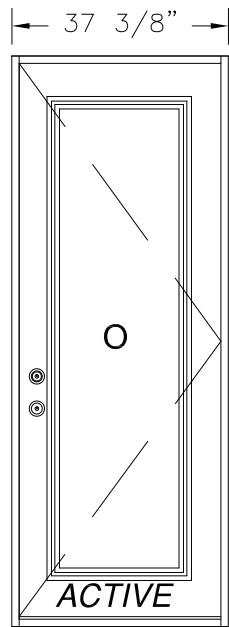
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| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E      |
| SCALE NTS     | DATE 04/20/10       | SHEET 2 OF 32 |

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

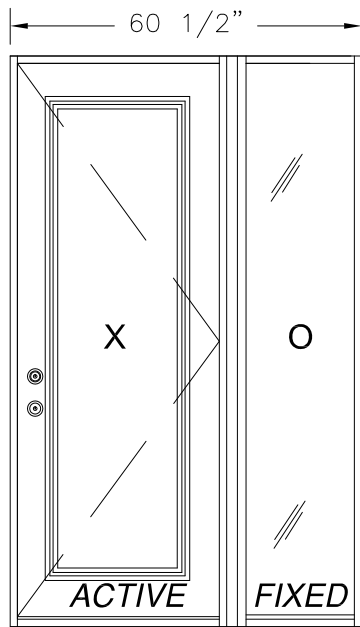


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FL No.: 62514

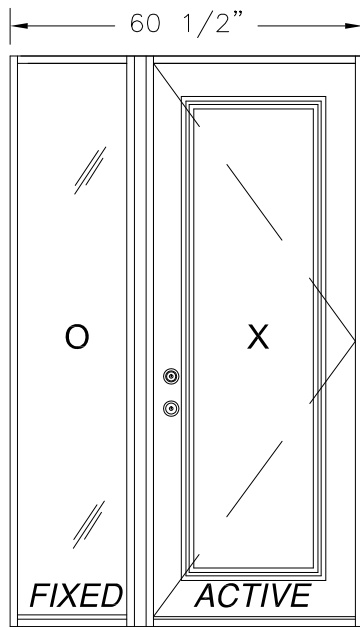
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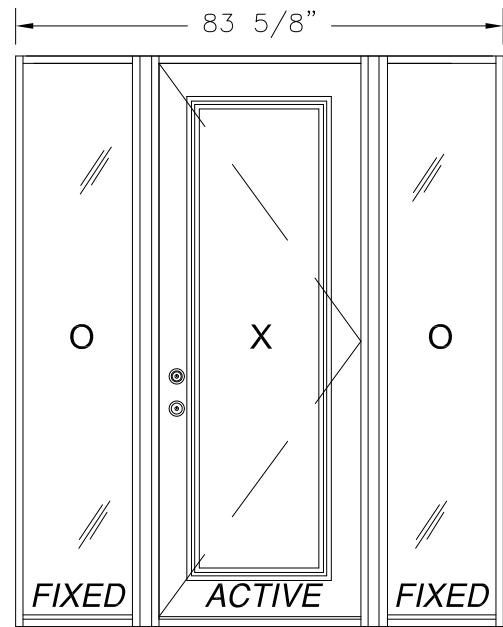
**SINGLE**  
EXTERIOR VIEW



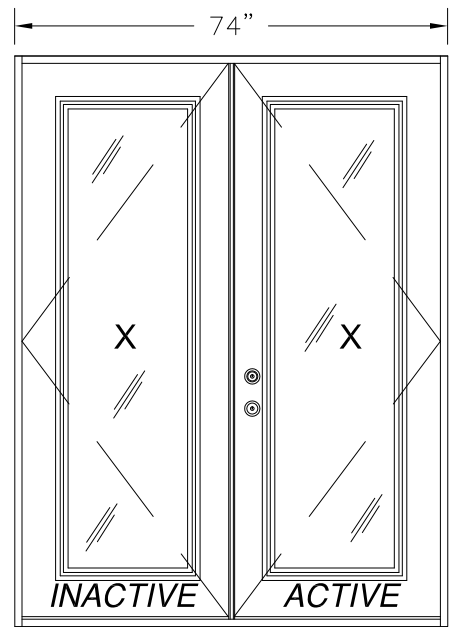
**SINGLE W/SIDELITE**  
EXTERIOR VIEW



**SINGLE W/SIDELITE**  
EXTERIOR VIEW



**SINGLE W/SIDELITES**  
EXTERIOR VIEW



**DOUBLE**  
EXTERIOR VIEW

**WITH DIRECTSET SIDELITES**

| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>+45.0PSF/-51.0PSF</b>                                                                                                | LARGE AND SMALL MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                                |

**WITHOUT SIDELITES  
WITH STANDARD SIDELITES**

| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>±51.0PSF</b>                                                                                                         | LARGE AND SMALL MISSILE IMPACT |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE THE WATER REQUIREMENT IS NOT NEEDED |                                |

35 3/4" x 95" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.58 FT<sup>2</sup>

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.                  |

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

22GA. STEEL GLAZED DOOR IS/OS  
W/ AND W/OUT SIDELITES – IMPACT  
ADDITIONAL CONFIGURATIONS & HARDWARE

DRAWN:  
TJH

DWG NO.  
08-00980

REV  
E

SCALE  
NTS

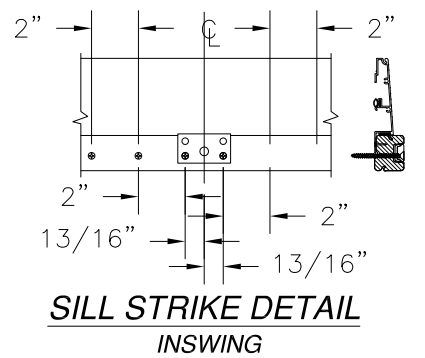
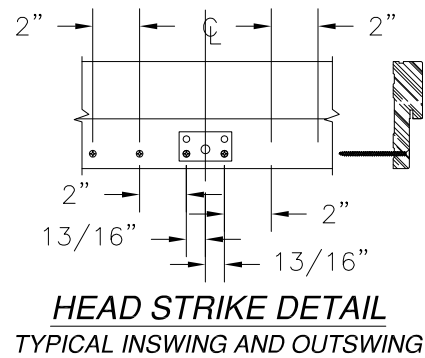
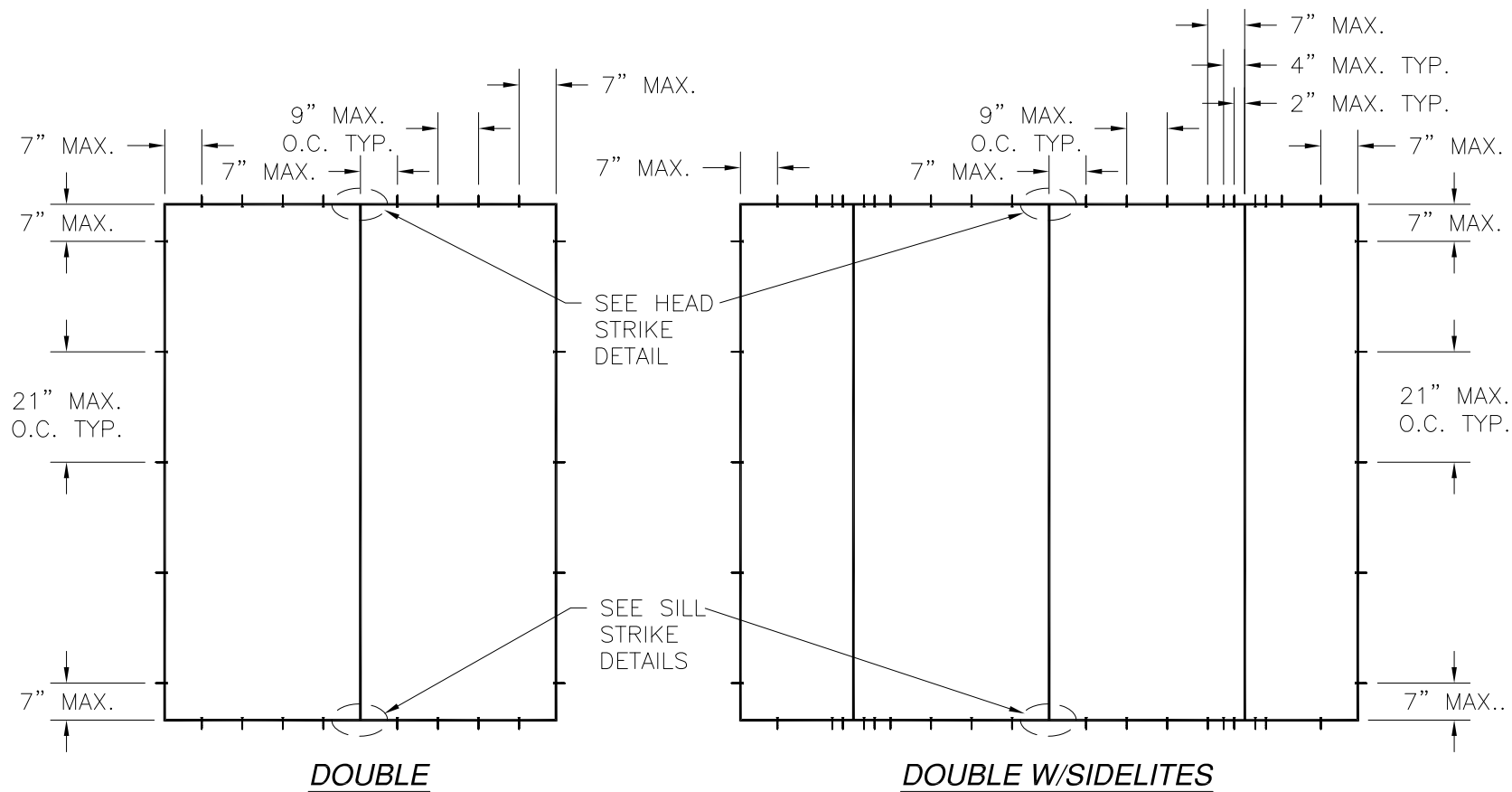
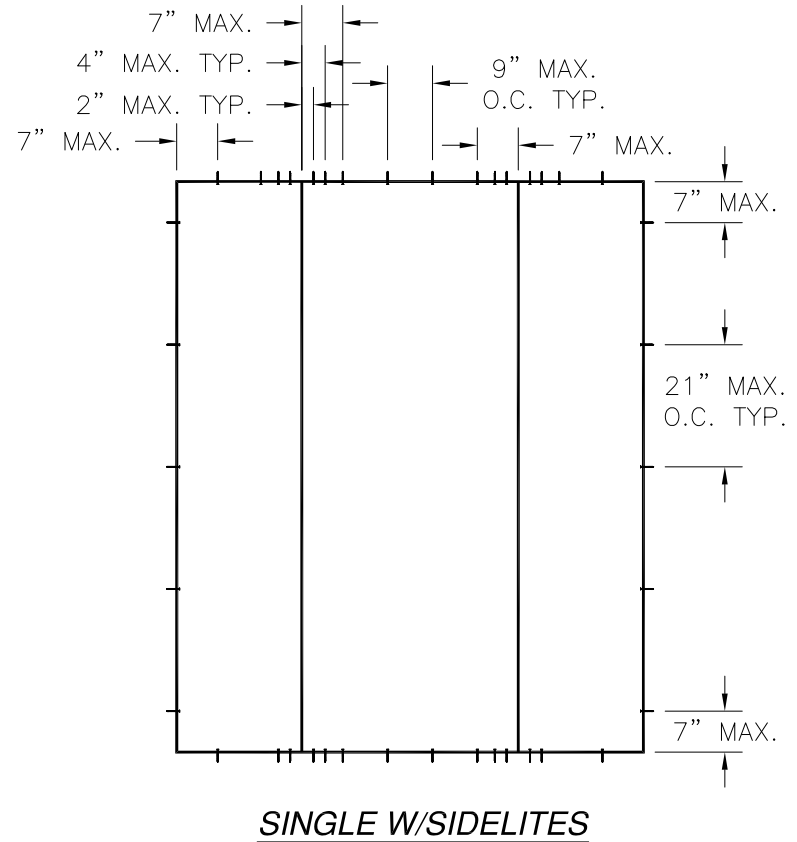
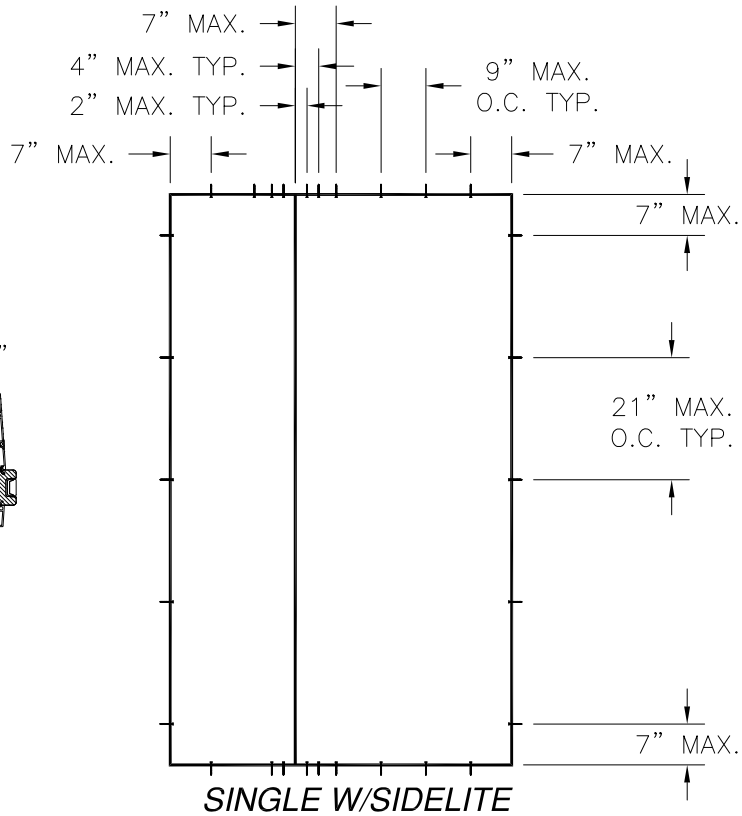
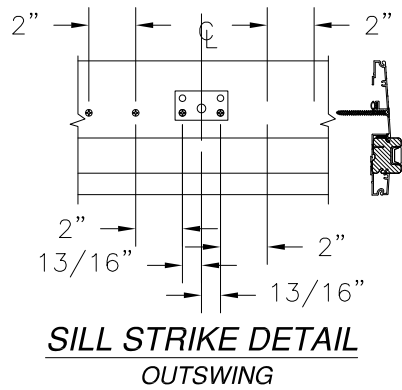
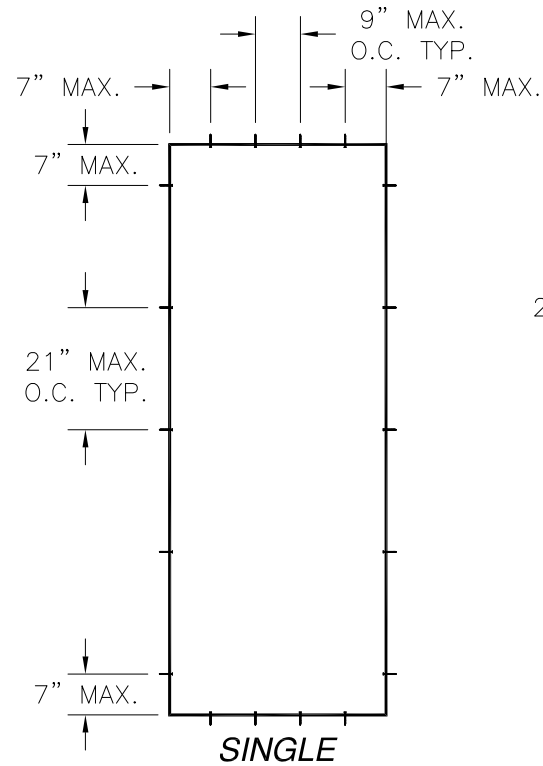
DATE  
04/20/10

SHEET  
3 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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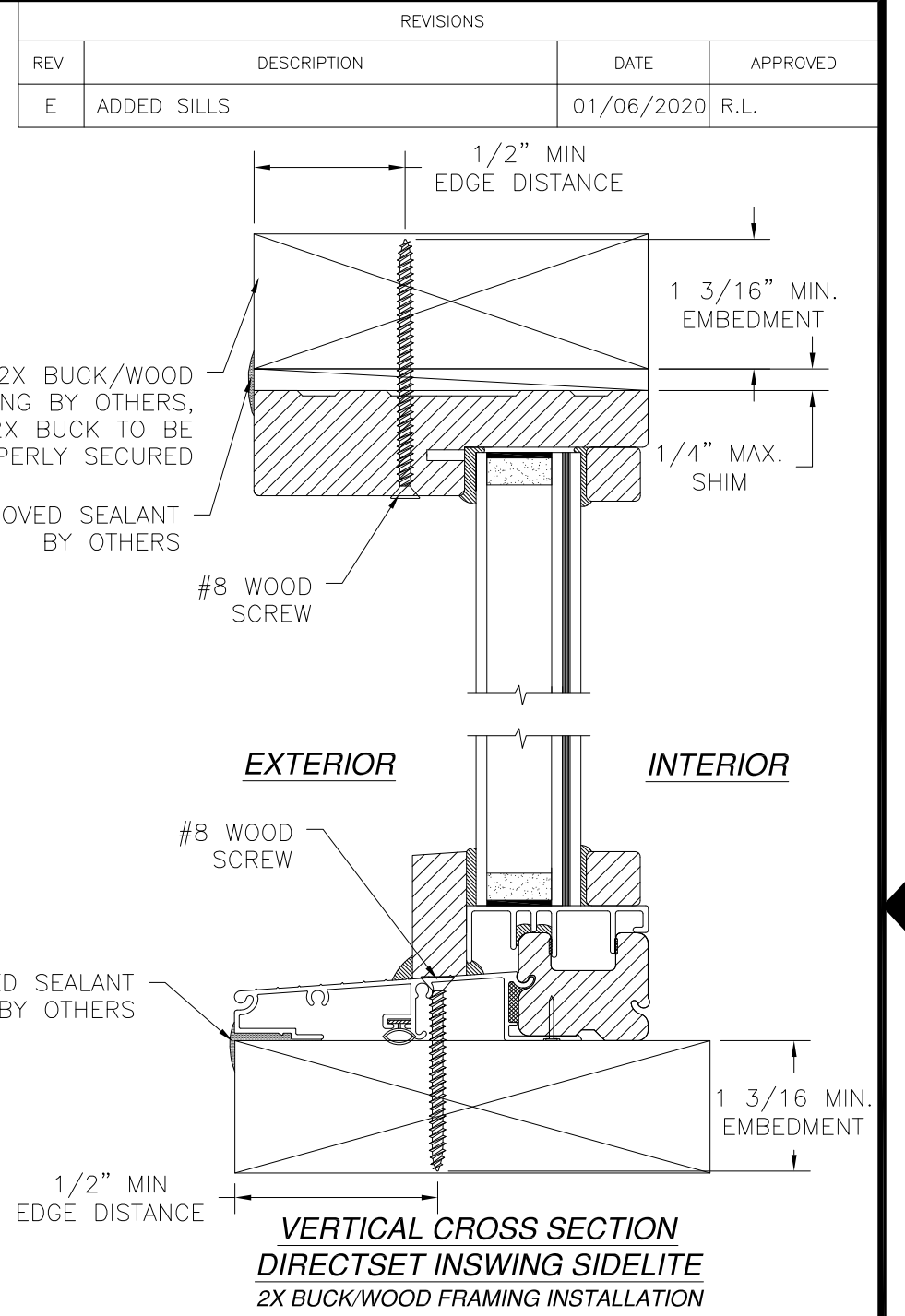
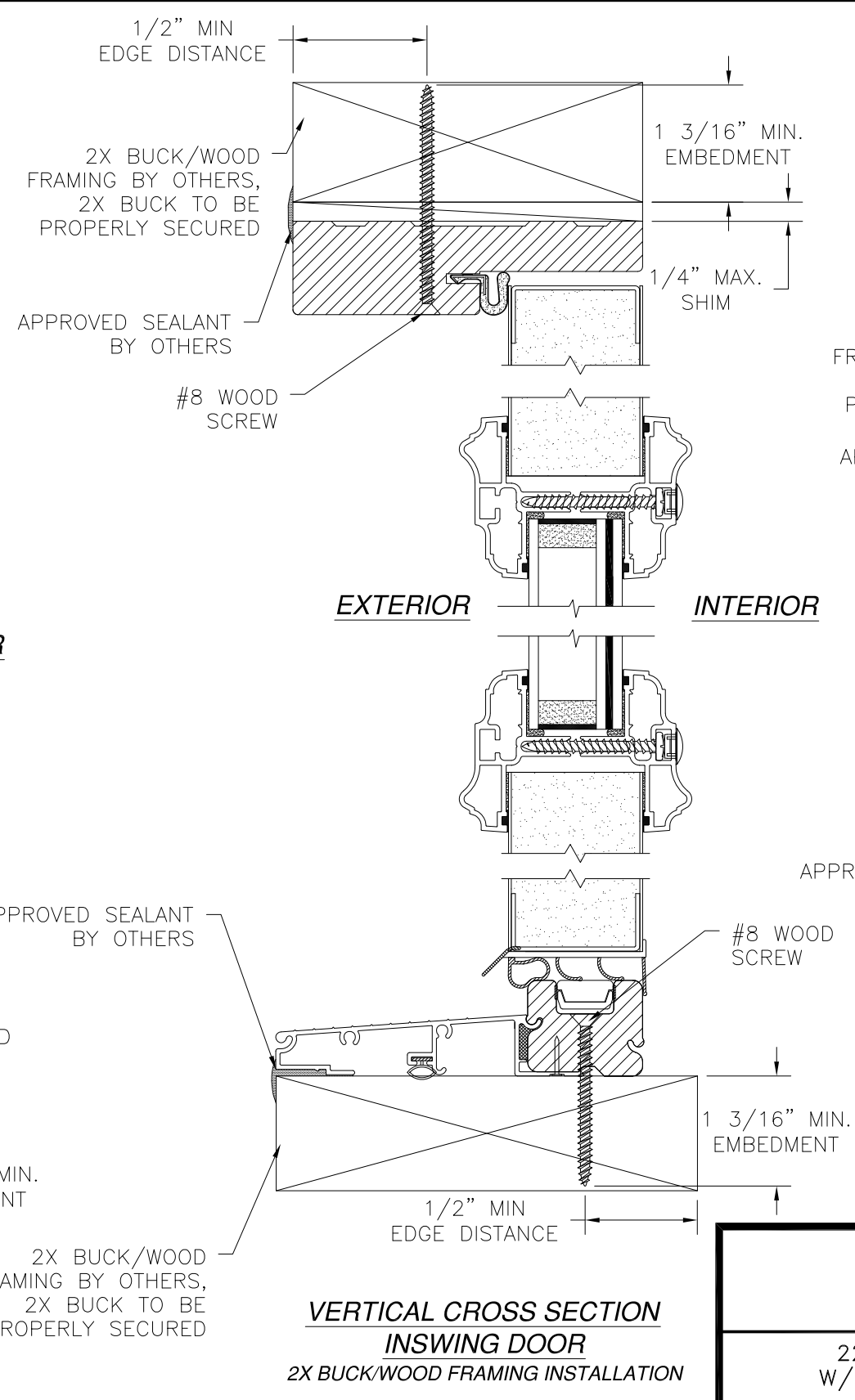
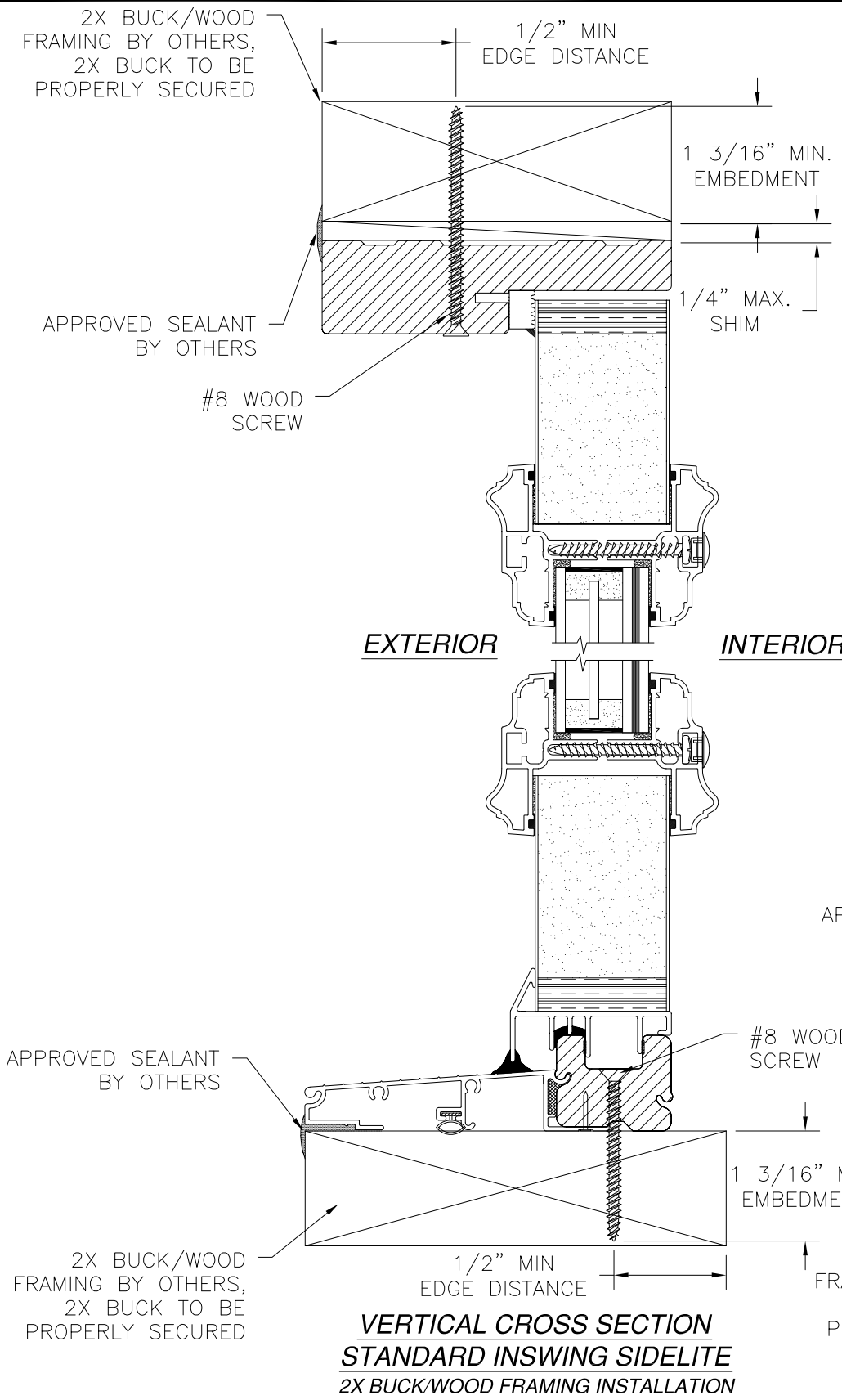


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| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                    |                     |               |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>ANCHORING LAYOUTS AND DETAILS   |                     |               |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-00980 | REV<br>E      |
| SCALE NTS                                                                                           | DATE 04/20/10       | SHEET 4 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com |                     |               |



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



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

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2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

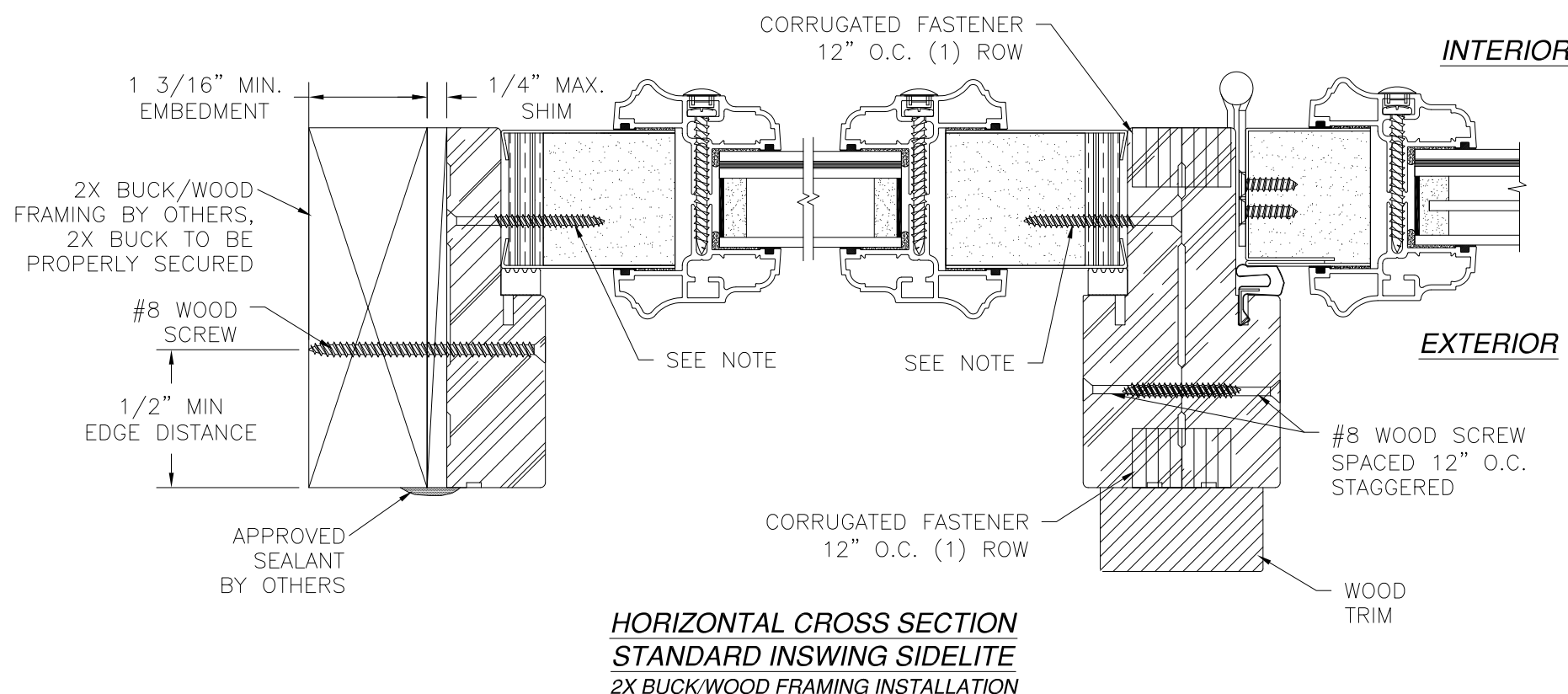
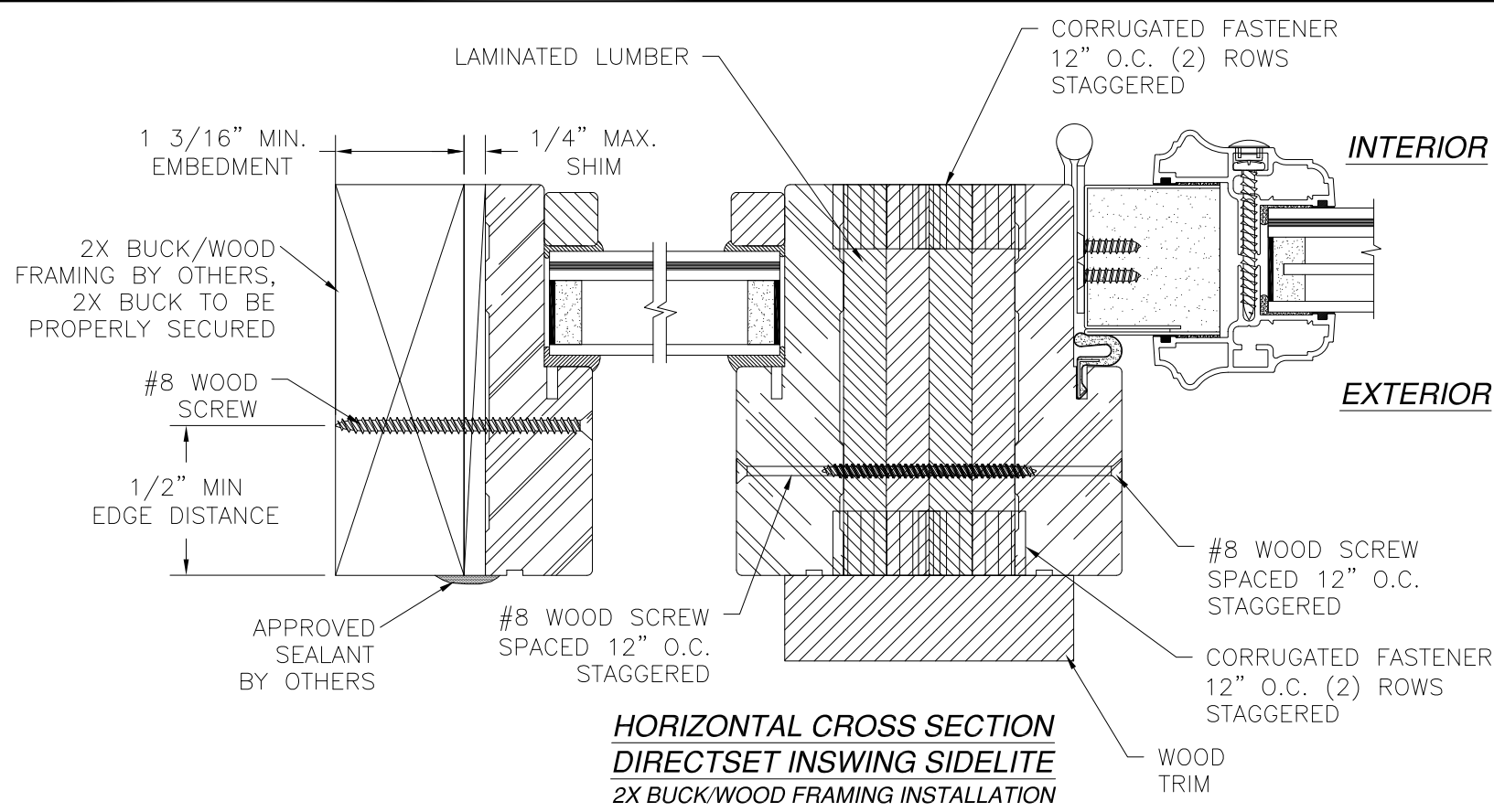
22GA. STEEL GLAZED DOOR IS/OS  
W/ AND W/OUT SIDELITES – IMPACT  
INSWING INSTALLATION DETAILS

|               |                     |               |
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| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E      |
| SCALE NTS     | DATE 04/20/10       | SHEET 5 OF 32 |

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434-688-0609 rllomas@rlomaspe.com

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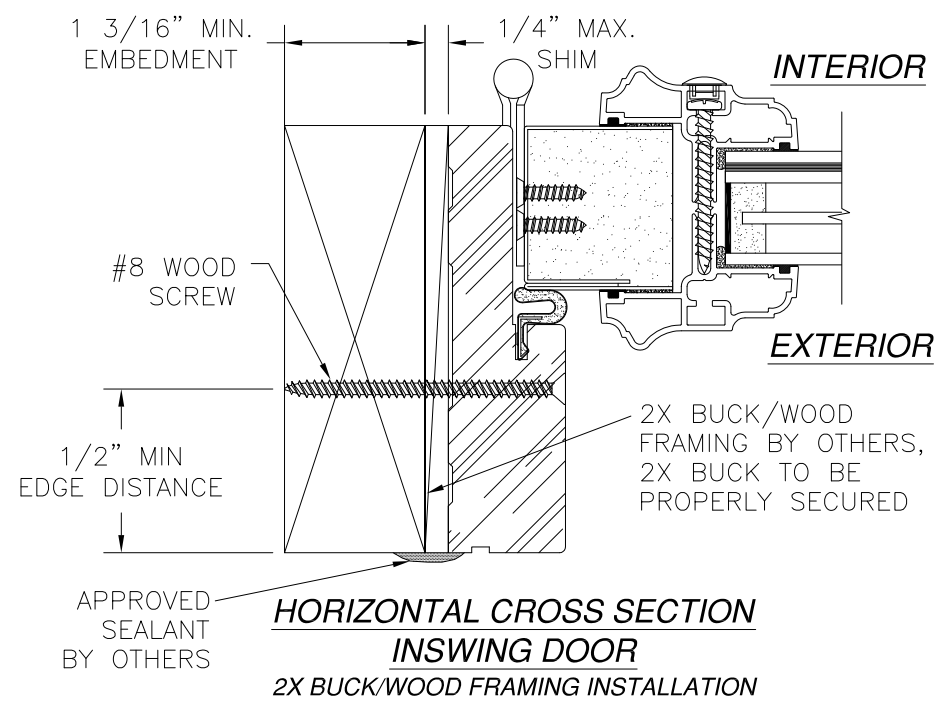
Luis R. Lomas P.E.  
FL No.: 62514



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

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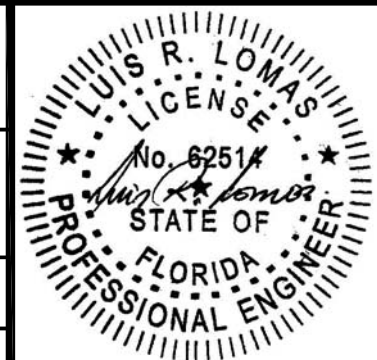
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2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

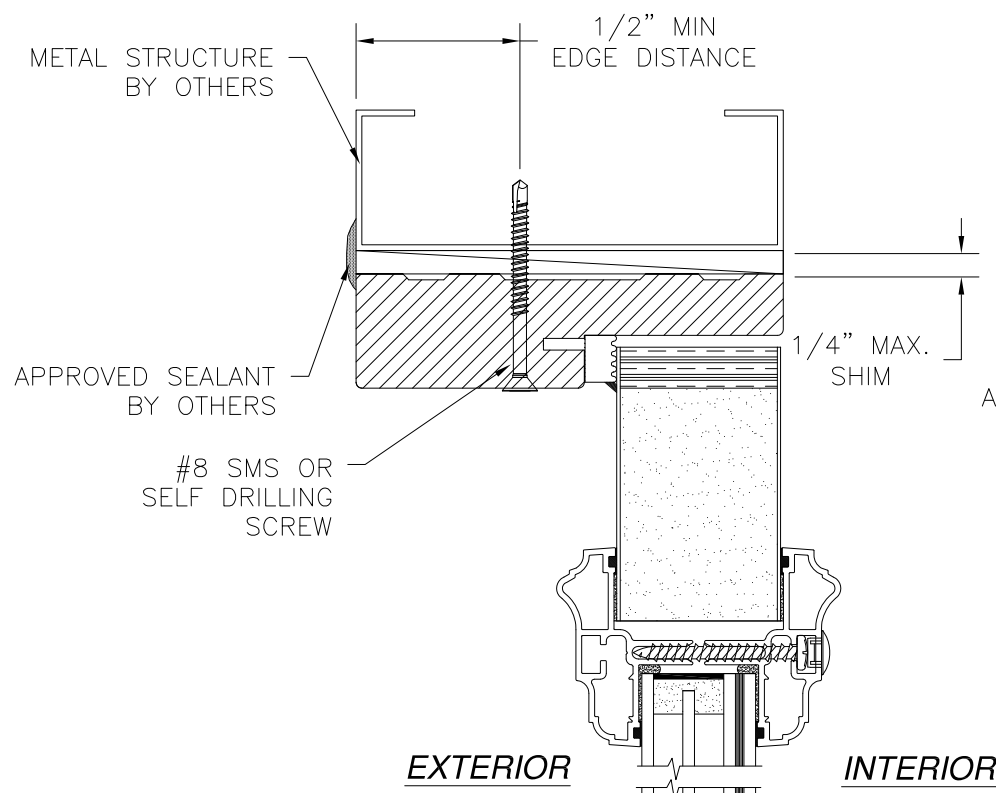
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1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

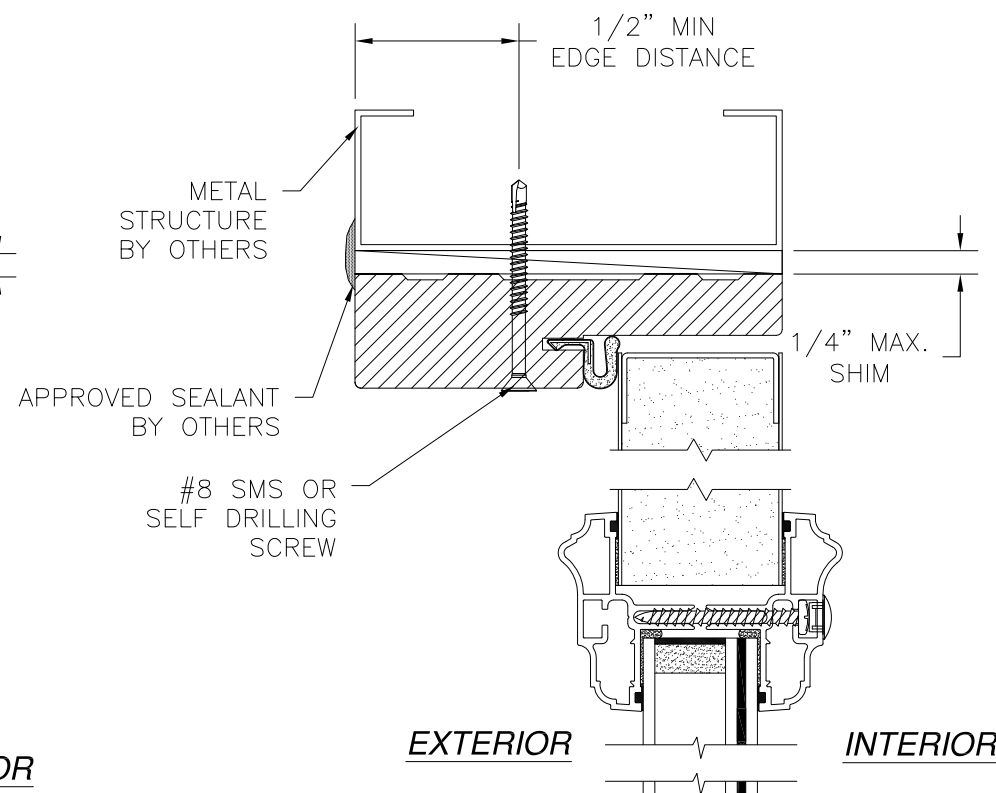
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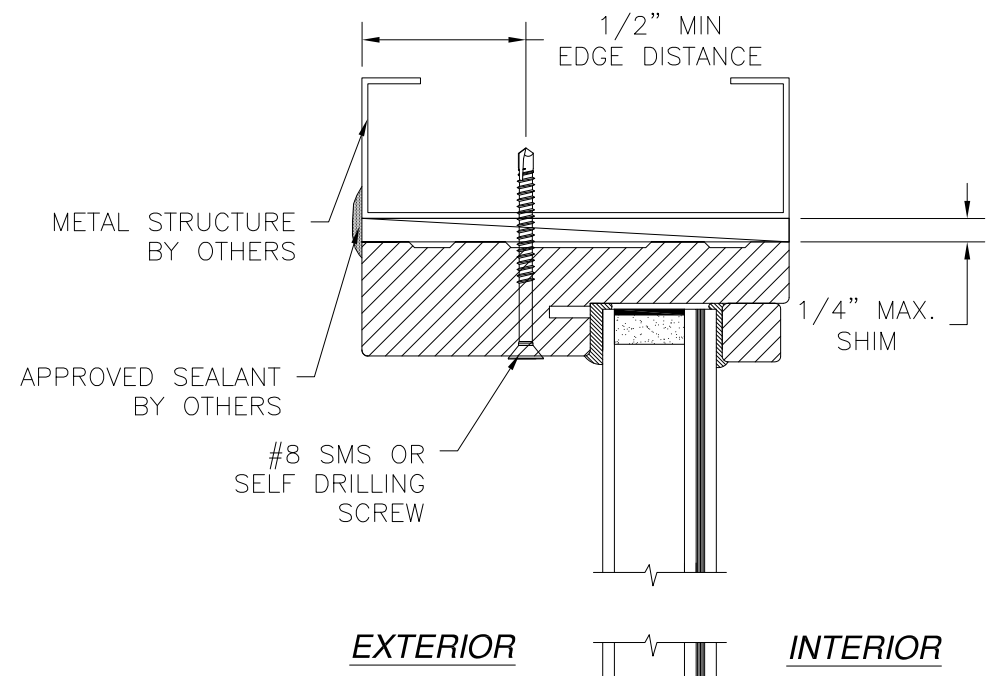
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FL No.: 62514



**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**

SIGNED: 01/08/2020

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SUGARCREEK, OH 44681

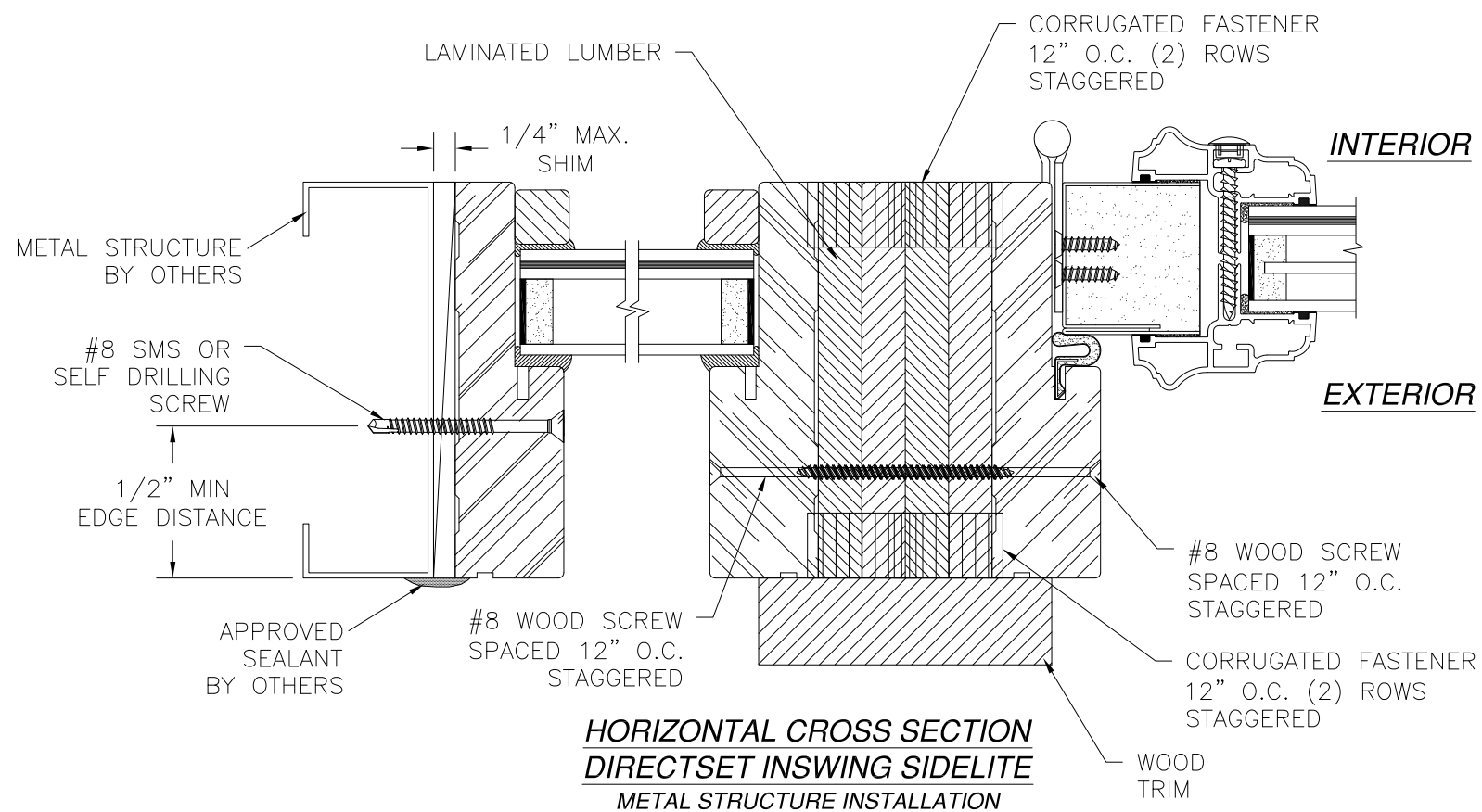
22GA. STEEL GLAZED DOOR IS/OS  
W/ AND W/OUT SIDELITES – IMPACT  
INSWING INSTALLATION DETAILS

|               |                     |               |
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| SCALE NTS     | DATE 04/20/10       | SHEET 7 OF 32 |

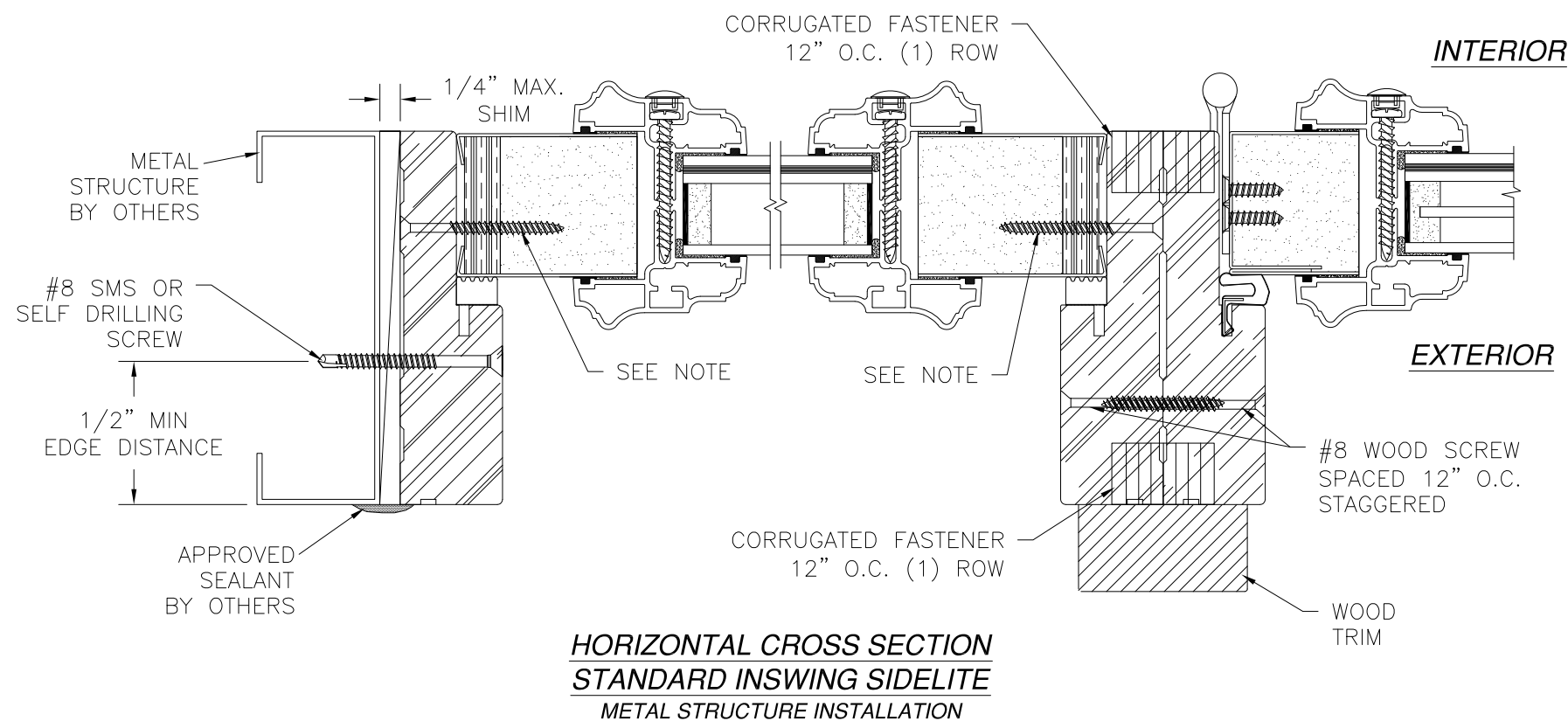
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

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

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



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

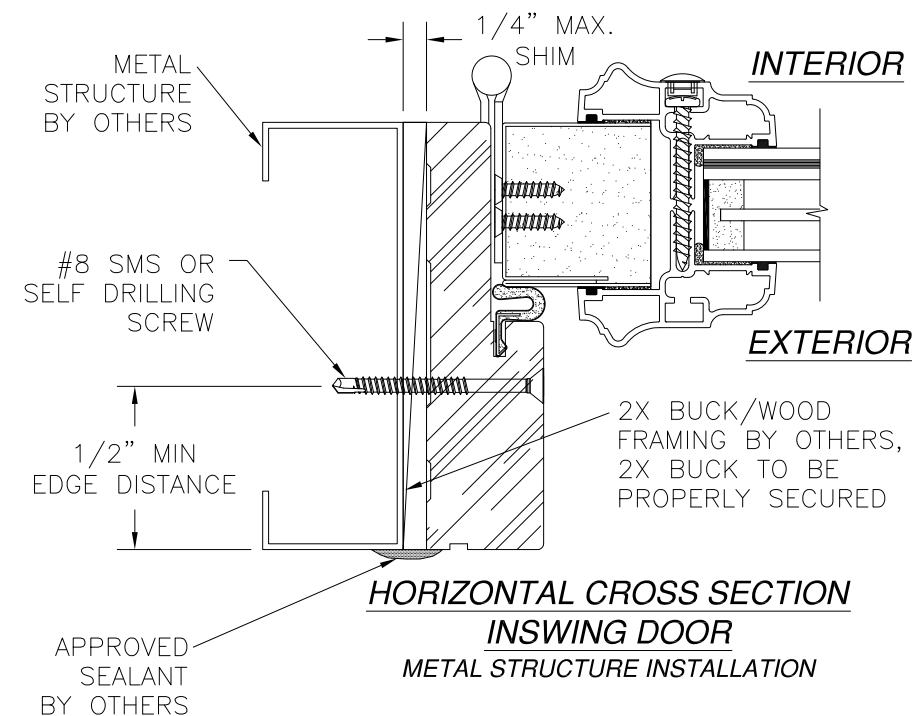


**HORIZONTAL CROSS SECTION  
STANDARD INSWING SIDELITE  
METAL STRUCTURE INSTALLATION**

STANDARD SIDELITE PANEL ATTACHMENT:  
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY  
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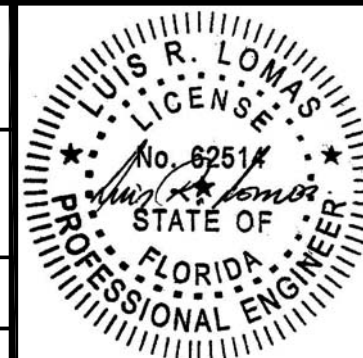
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**HORIZONTAL CROSS SECTION  
INSWING DOOR  
METAL STRUCTURE INSTALLATION**

SIGNED: 01/08/2020

|                                                                                                     |                     |               |
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| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                             |                     |               |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES – IMPACT<br>INSWING INSTALLATION DETAILS    |                     |               |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-00980 | REV<br>E      |
| SCALE NTS                                                                                           | DATE 04/20/10       | SHEET 8 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com |                     |               |



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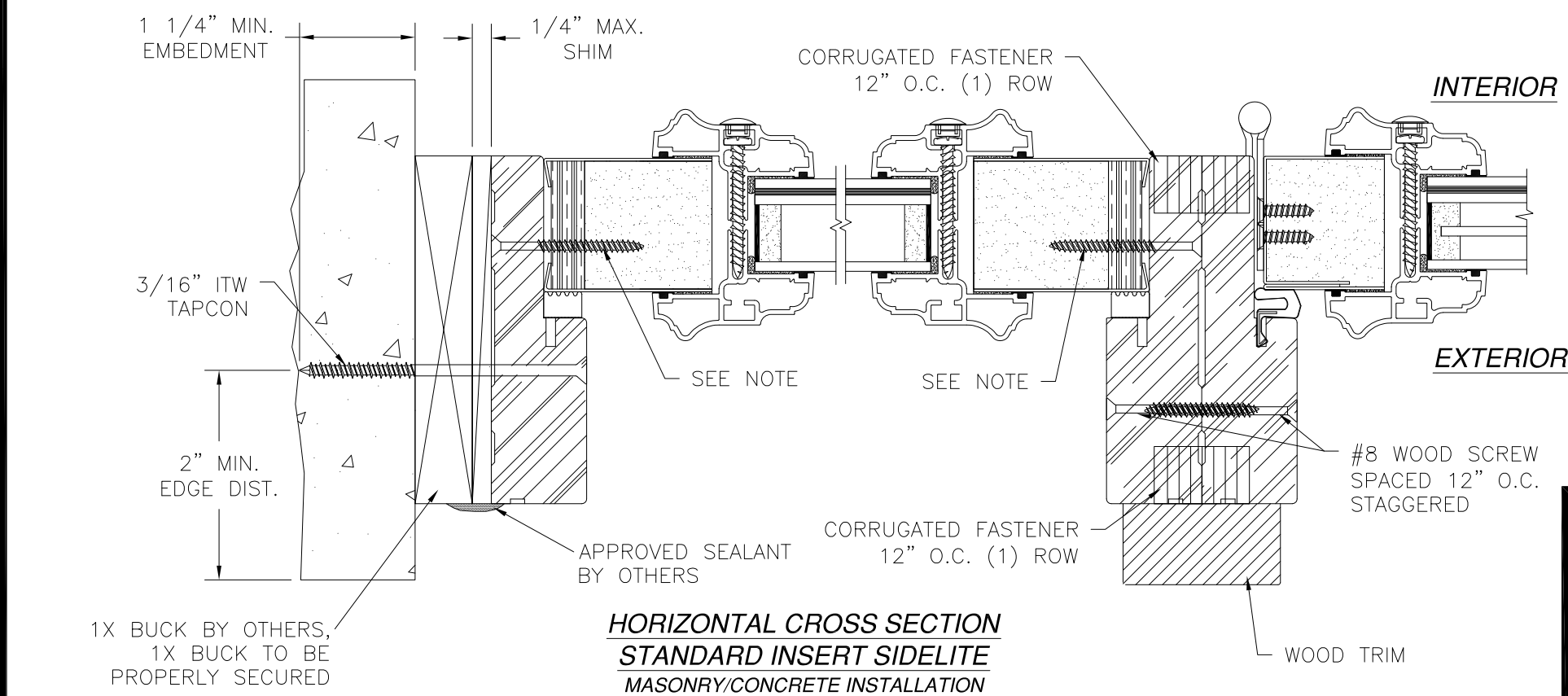
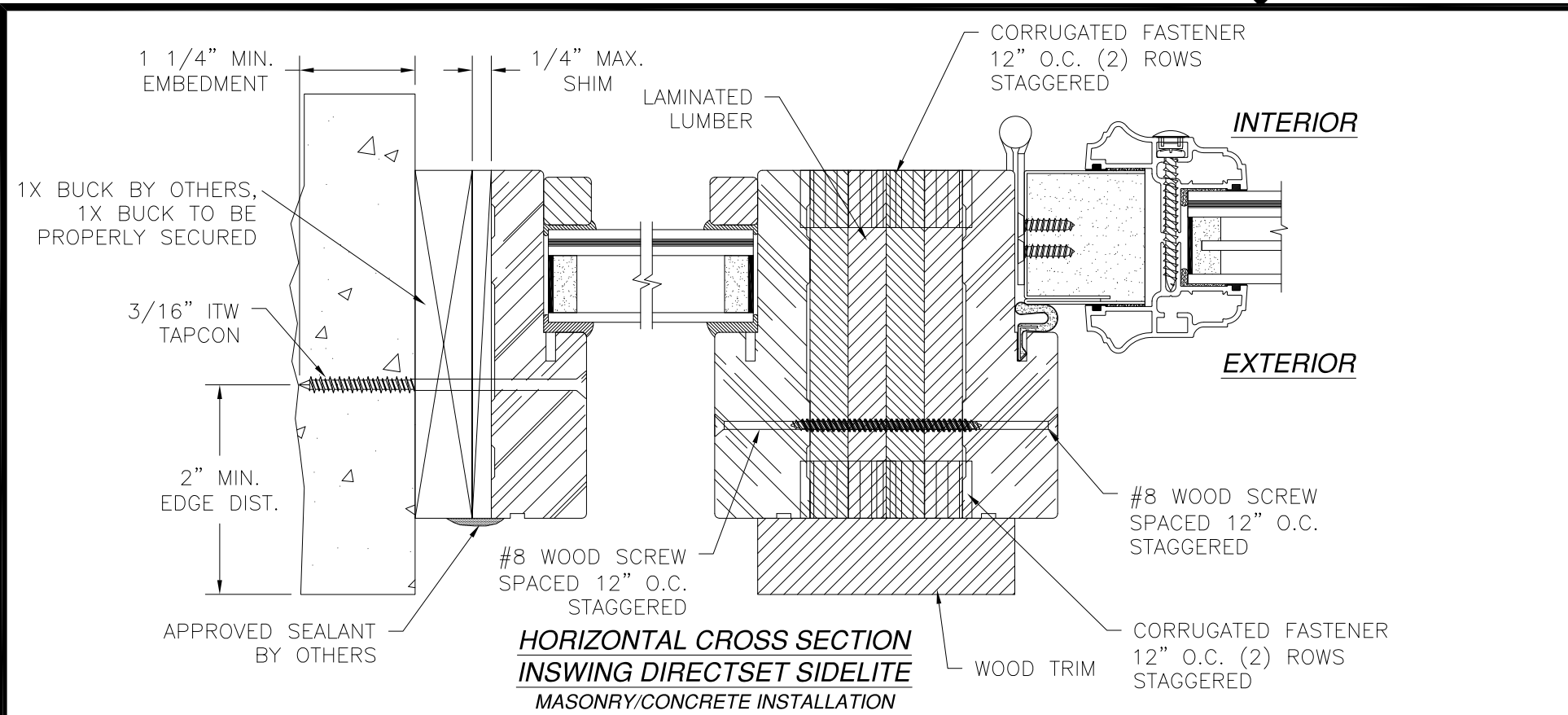
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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



*SIGNED: 01/08/2020*

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

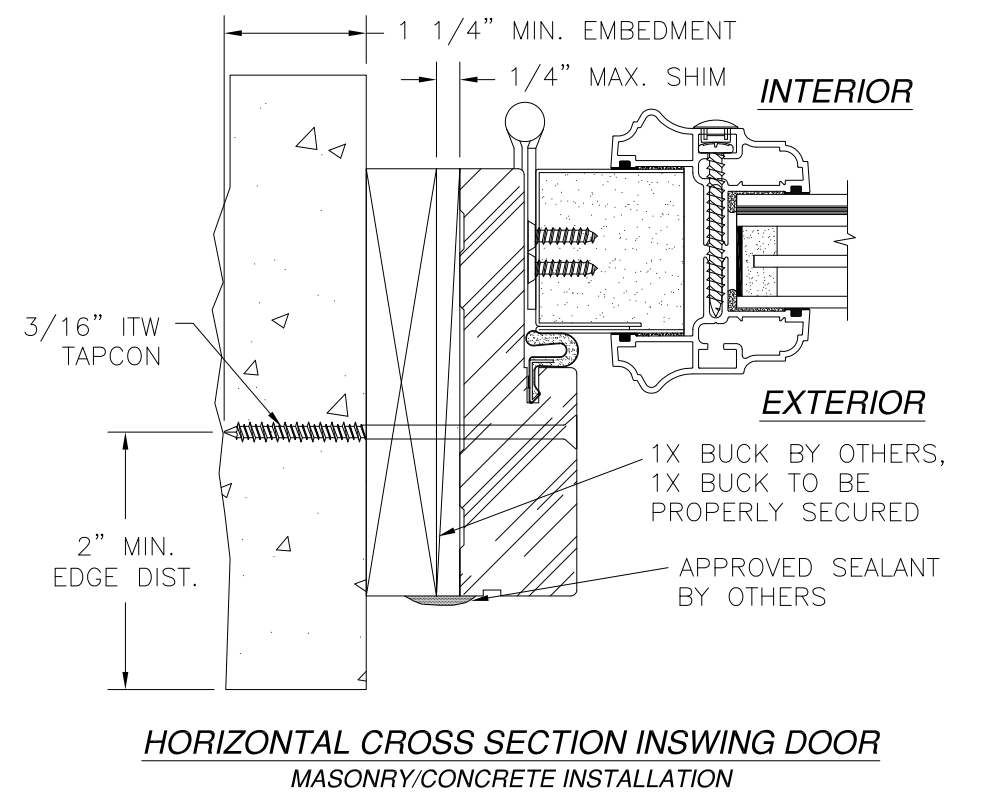
Luis R. Lomas P.E.  
FL No.: 62514



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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | 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 - IMPACT  
INSWING INSTALLATION DETAILS

|               |                     |                |
|---------------|---------------------|----------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS     | DATE 04/20/10       | SHEET 10 OF 32 |

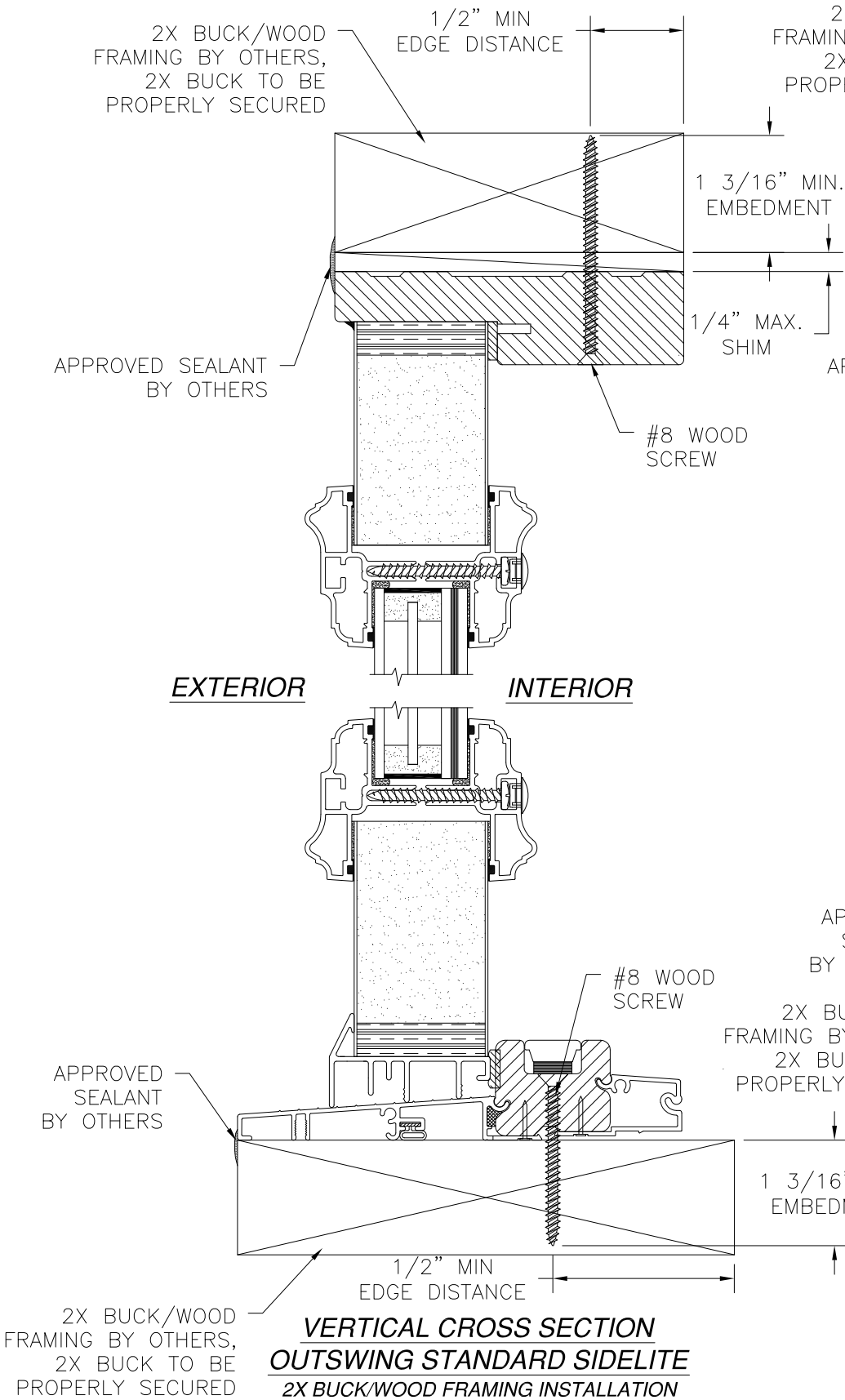
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

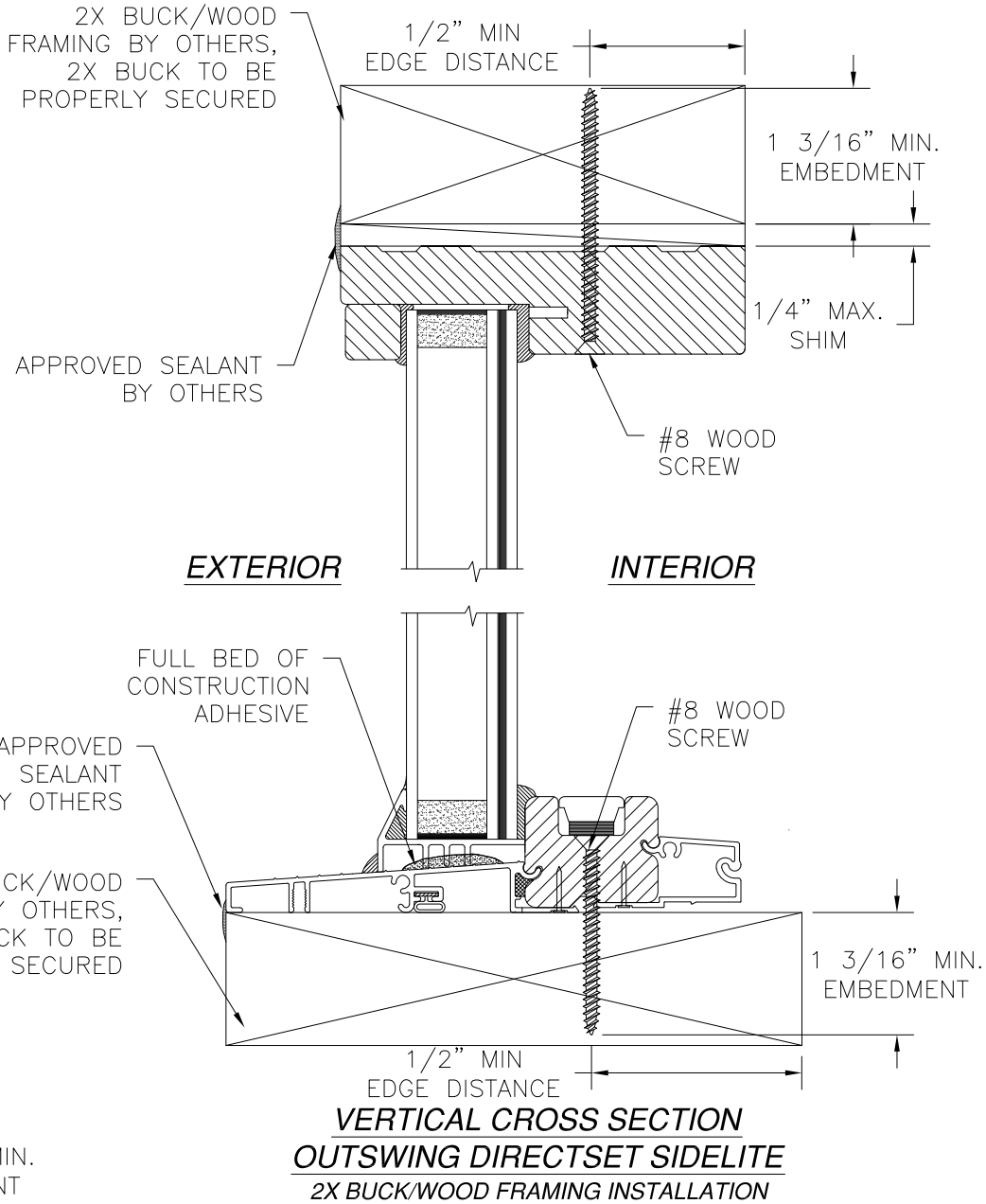
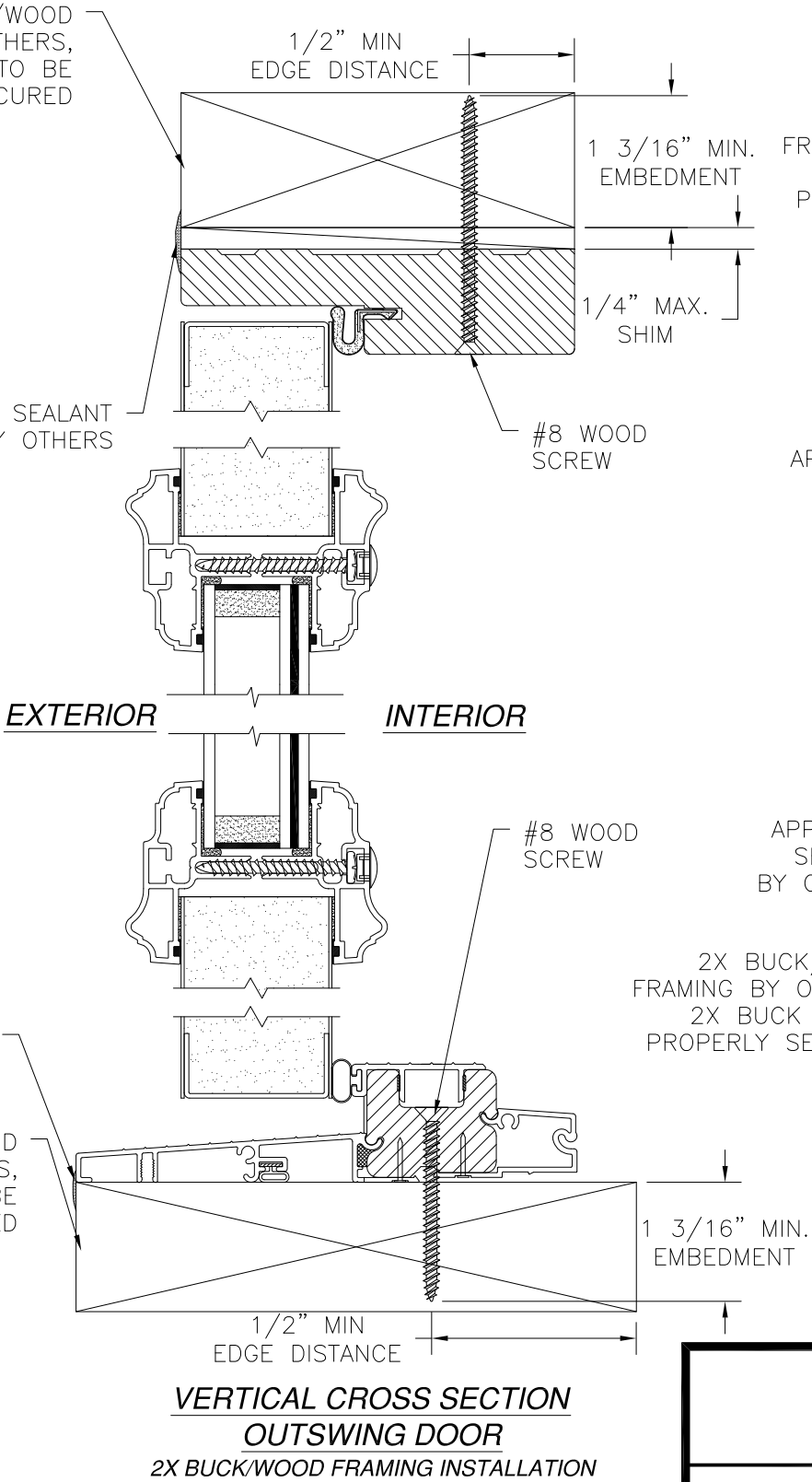
**LUIS R. LOMAS**  
LICENSED PROFESSIONAL ENGINEER  
No. 62514  
STATE OF FLORIDA

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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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



SIGNED: 01/08/2020

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

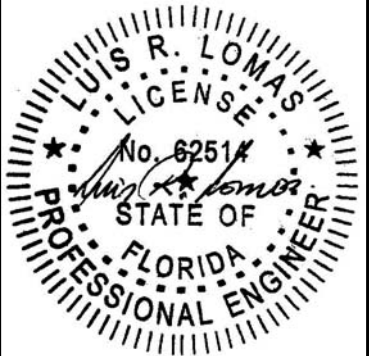
DATE 04/20/10

SHEET 11 OF 32

L. ROBERTO LOMAS P.E.

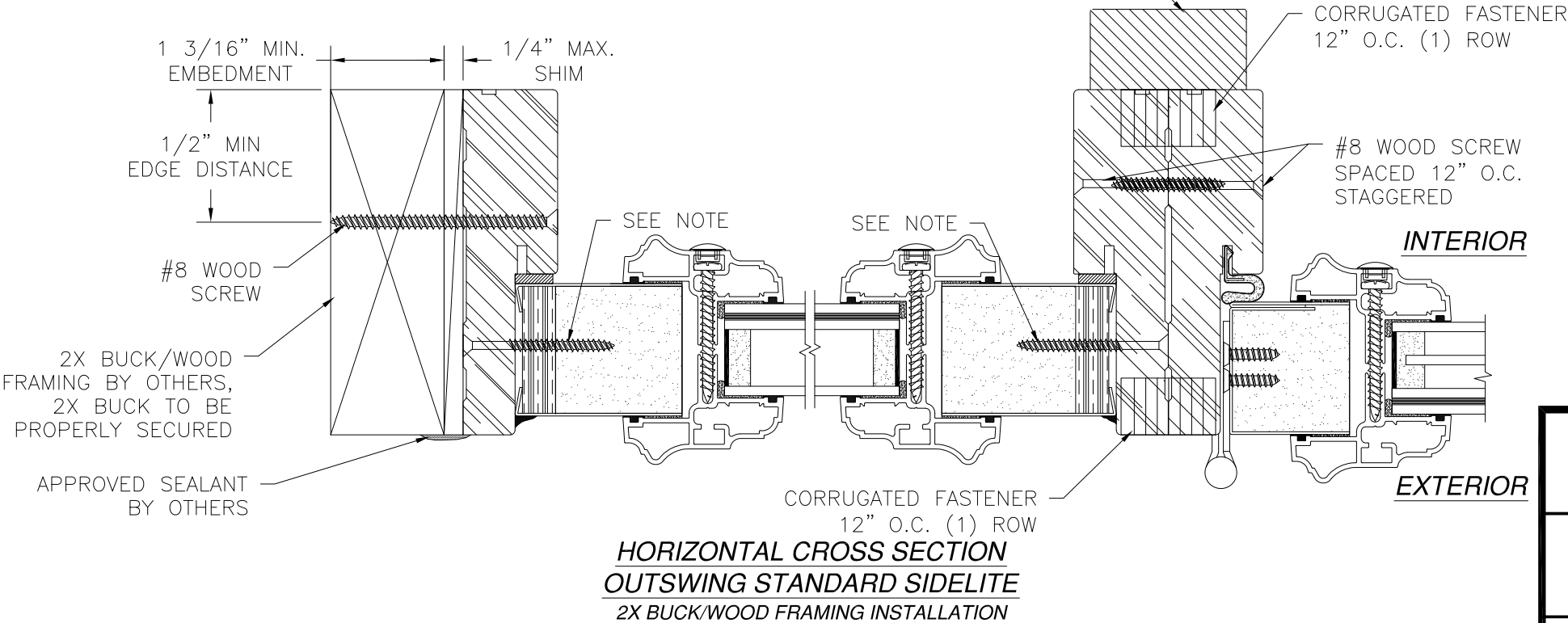
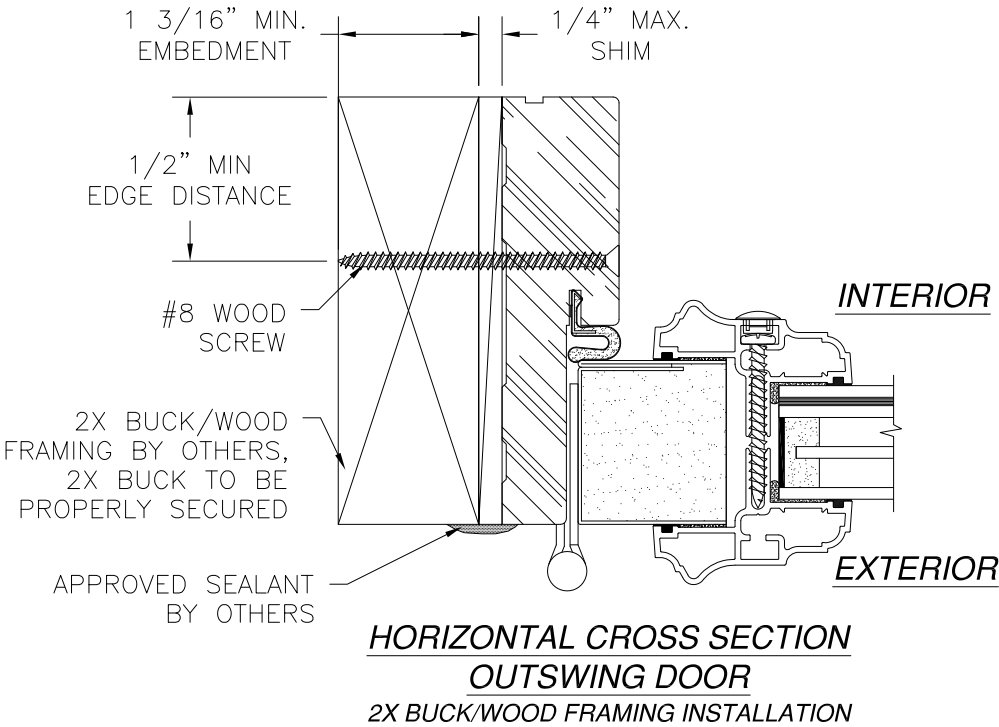
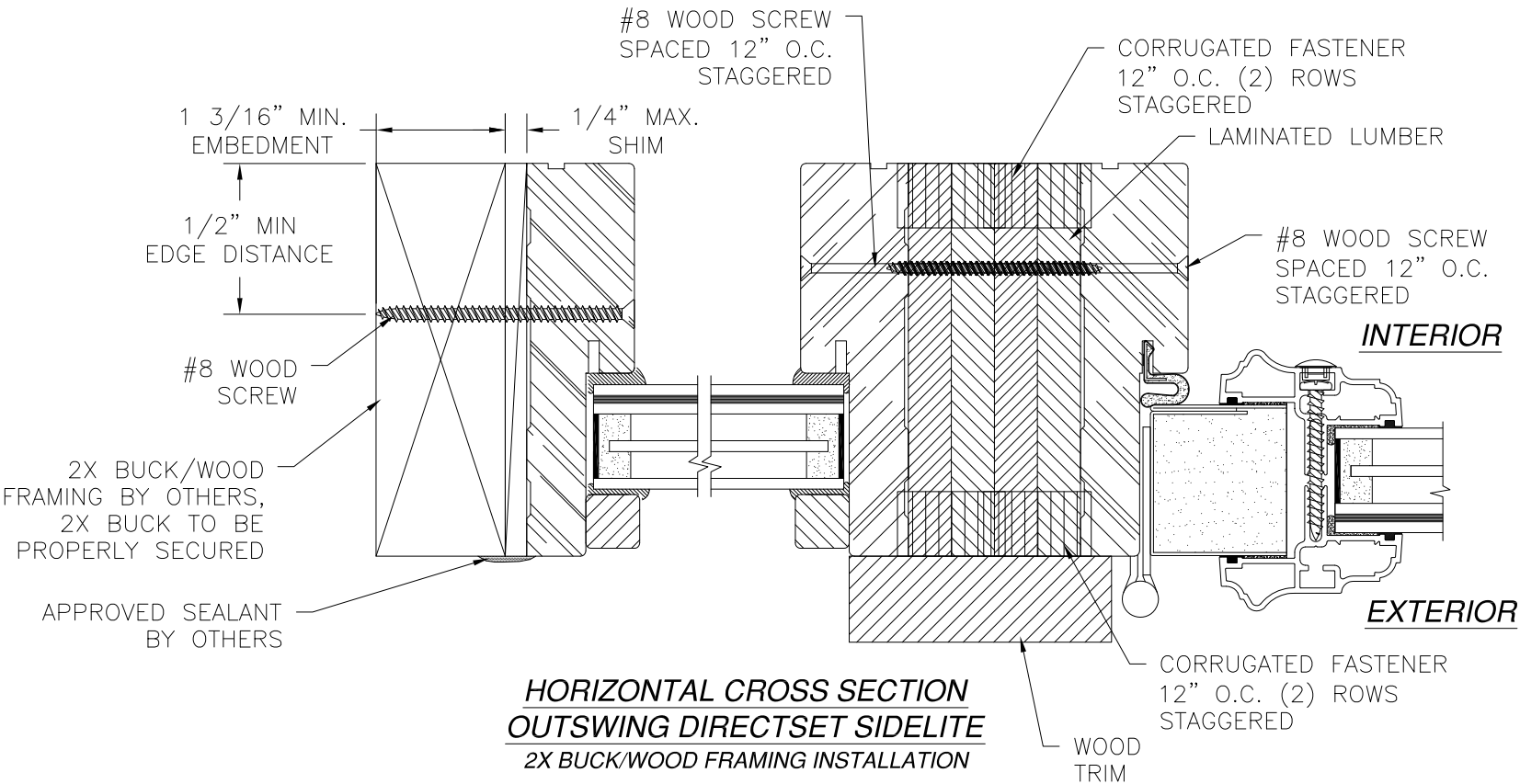
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com



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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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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PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

DATE 04/20/10

SHEET 12 OF 32

L. ROBERTO LOMAS P.E.

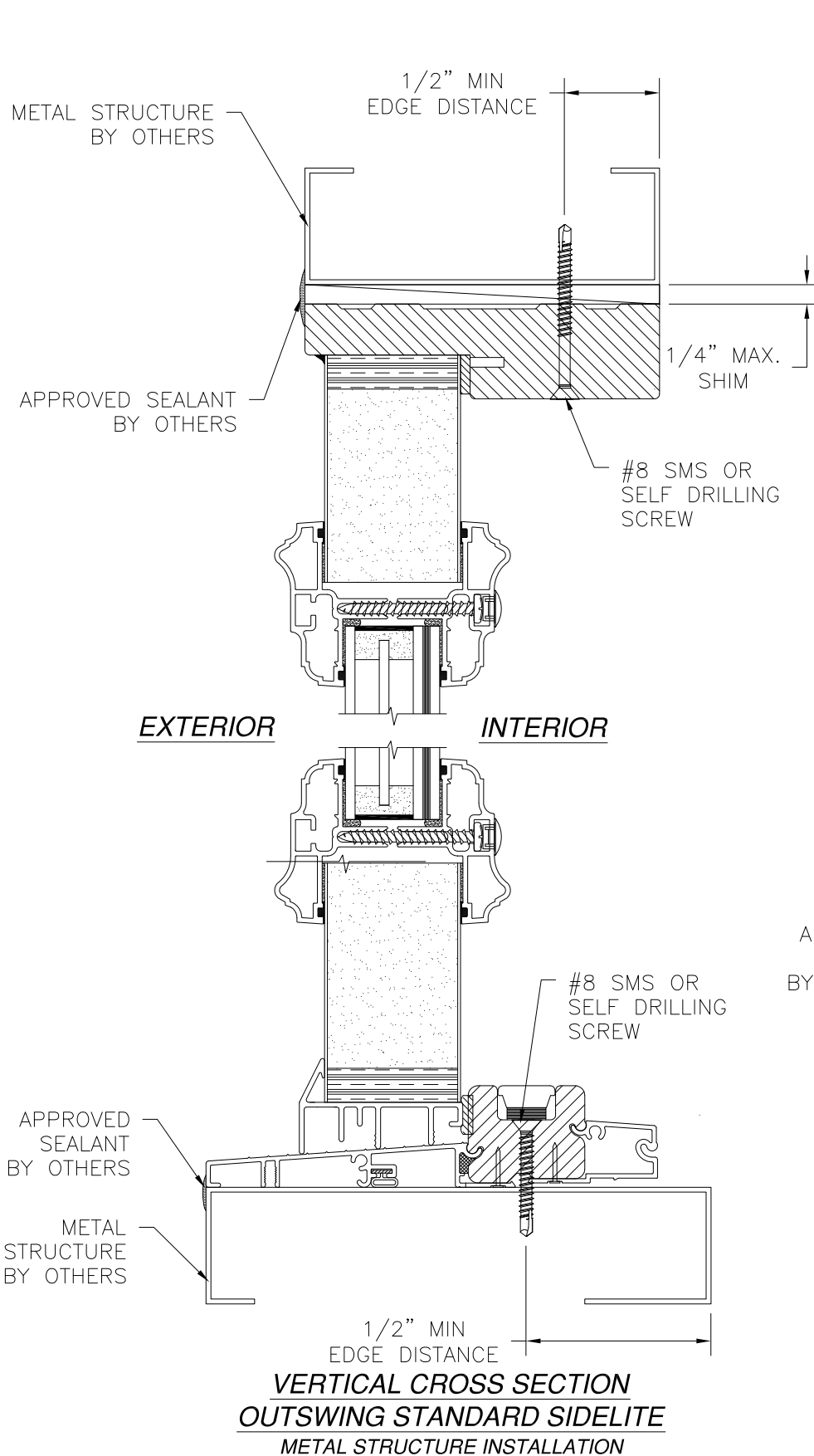
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com

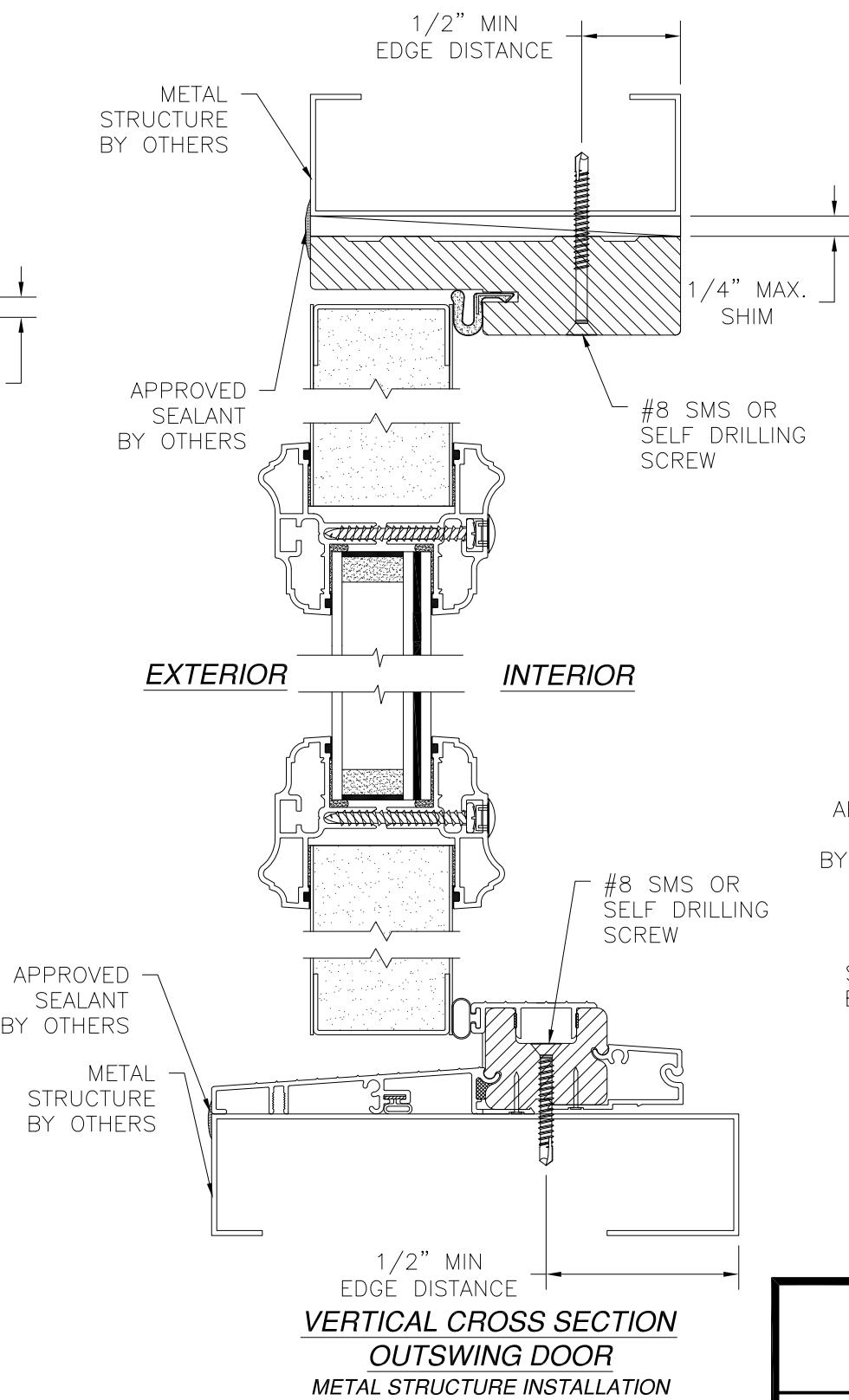
SIGNED: 01/08/2020



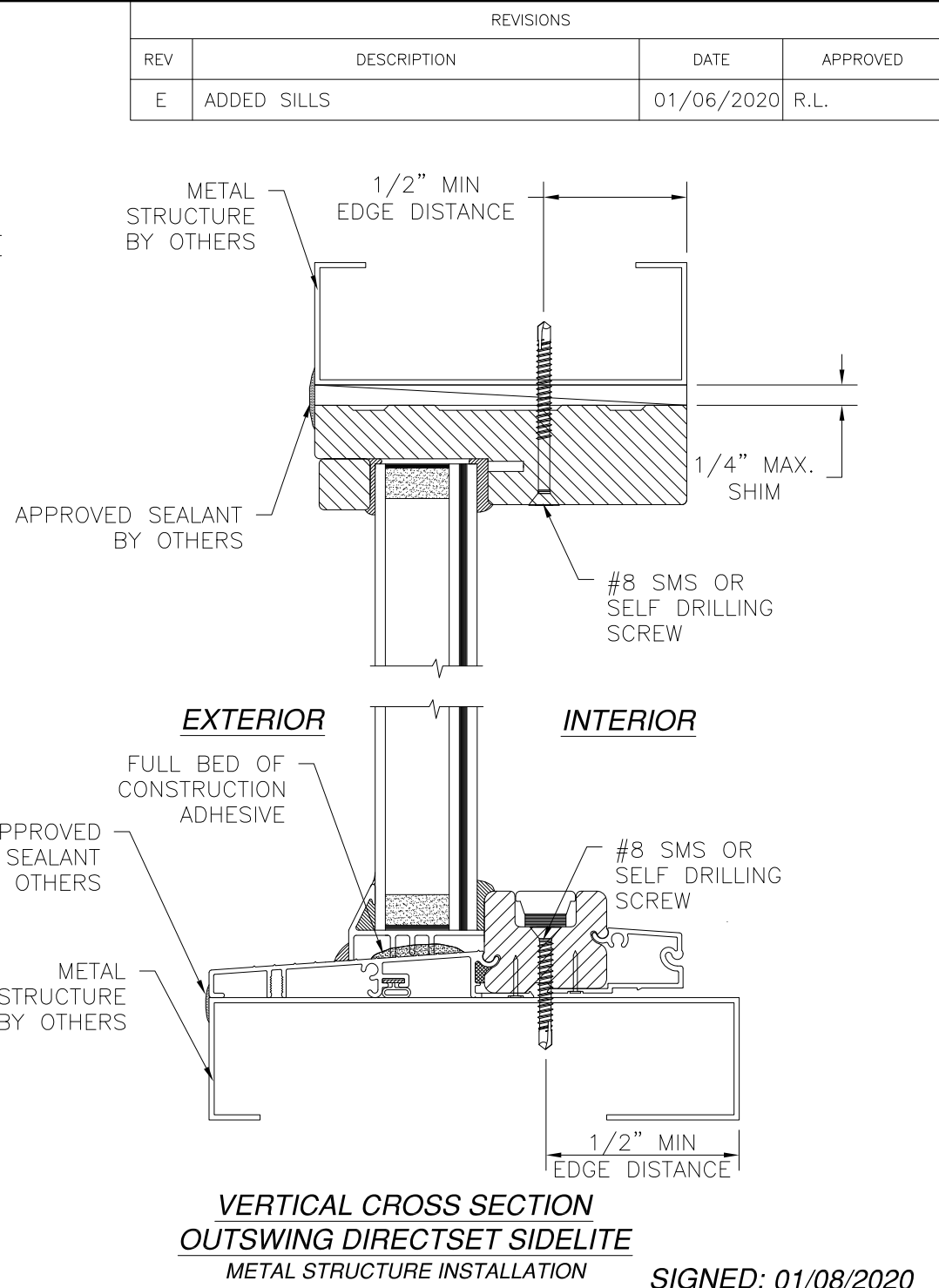
Luis R. Lomas P.E.  
FL No.: 62514



**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

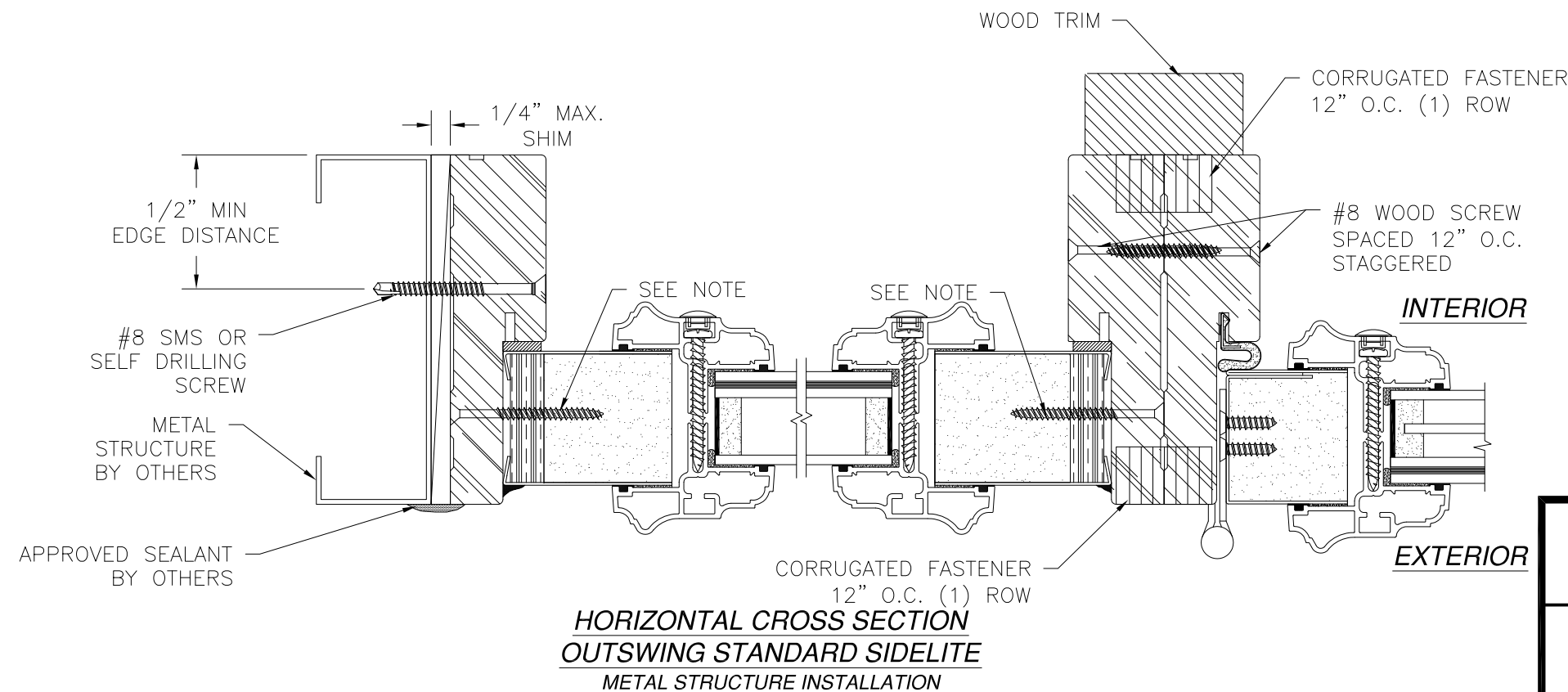
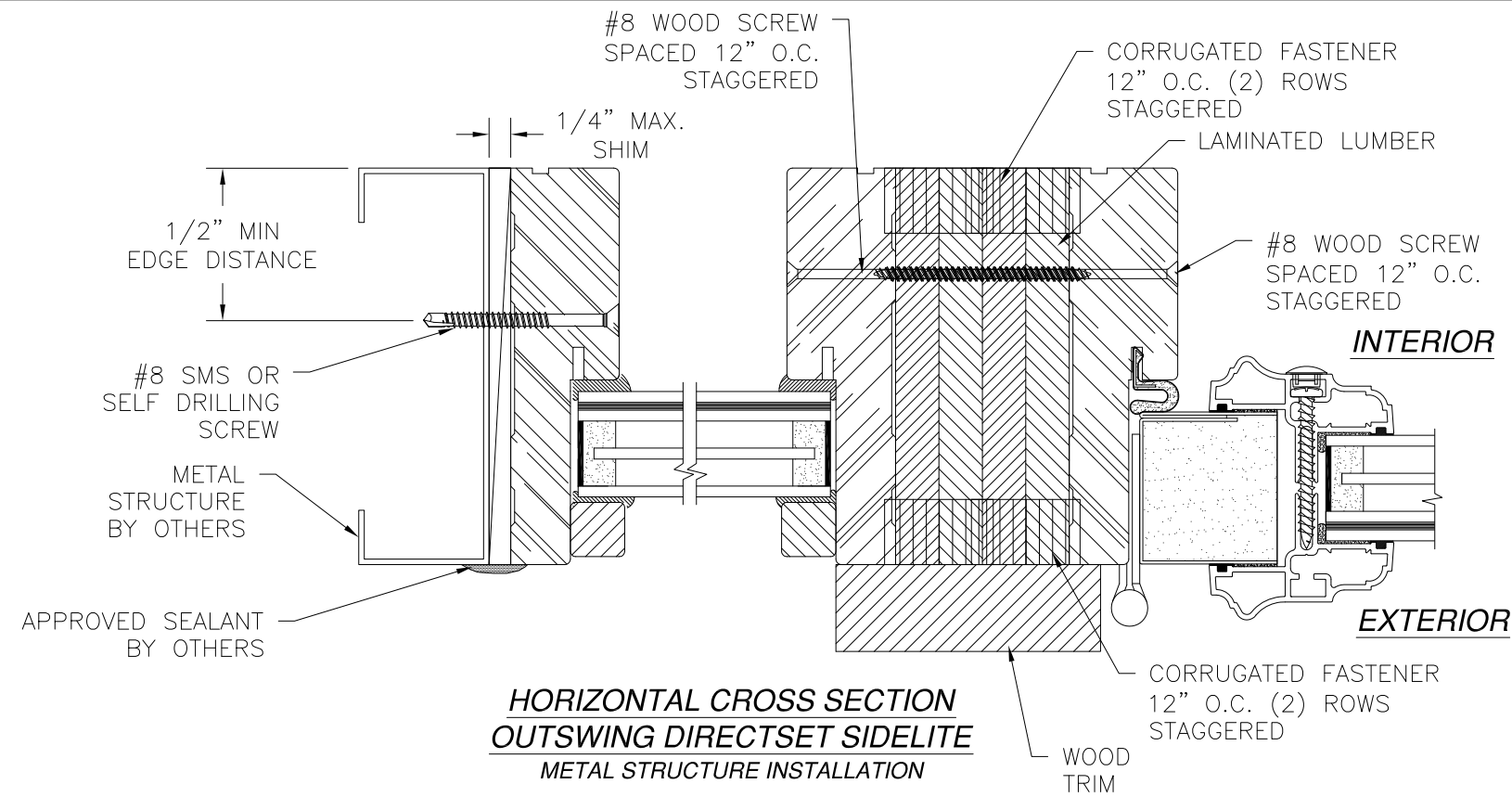
SIGNED: 01/08/2020

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|                                                                                                                                                                                                                                                                                       |  |                  |                     |                   |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|---------------------|-------------------|----------|
| DRAWN:<br>TJH                                                                                                                                                                                                                                                                         |  |                  | DWG NO.<br>08-00980 |                   | REV<br>E |
| SCALE<br>NTS                                                                                                                                                                                                                                                                          |  | DATE<br>04/20/10 |                     | SHEET<br>13 OF 32 |          |
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681<br><br>22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>OUTSWING INSTALLATION DETAILS<br><br>L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |  |                  |                     |                   |          |

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

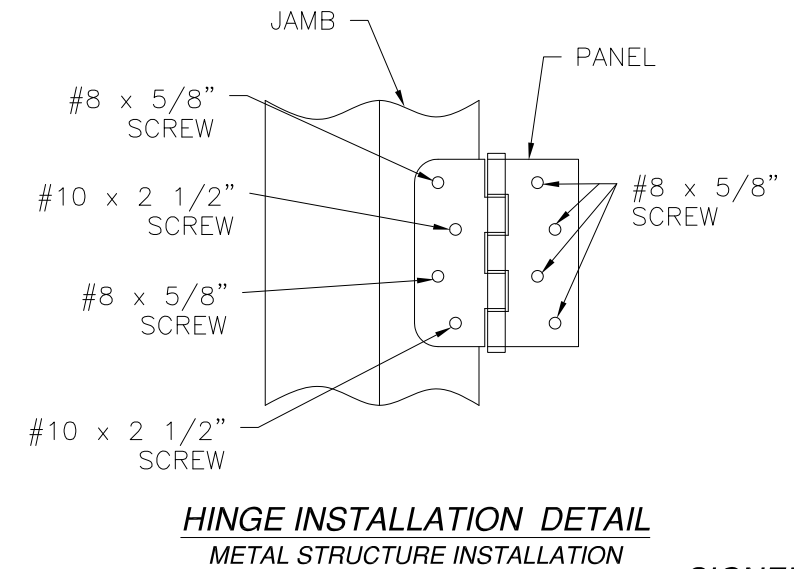
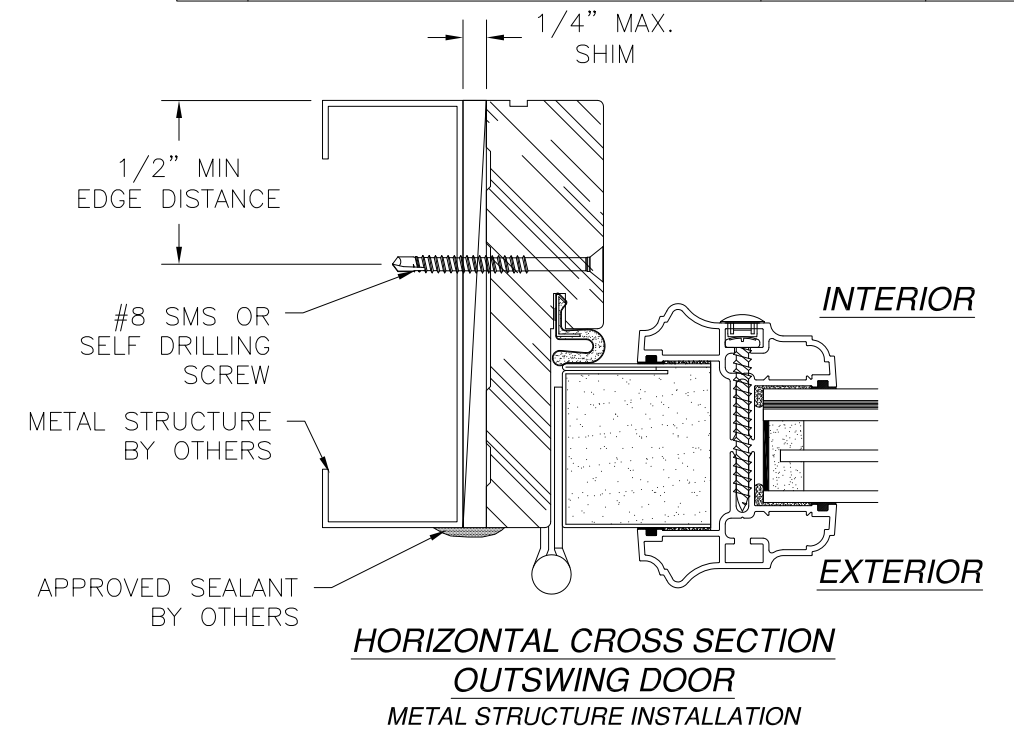
Luis R. Lomas P.E.  
FL No.: 62514



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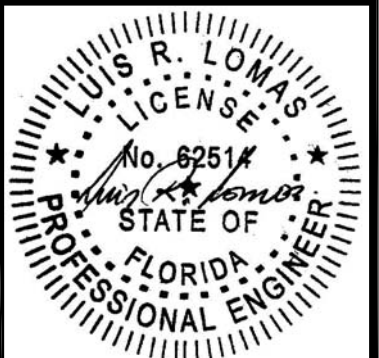
STANDARD SIDELITE PANEL ATTACHMENT:  
SIDELITE PANEL IS SECURED INTO THE FRAME AT JAMBS ONLY  
WITH (9) #8 x 1 5/8" WOOD SCREWS SPACED AT 3" FROM  
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| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



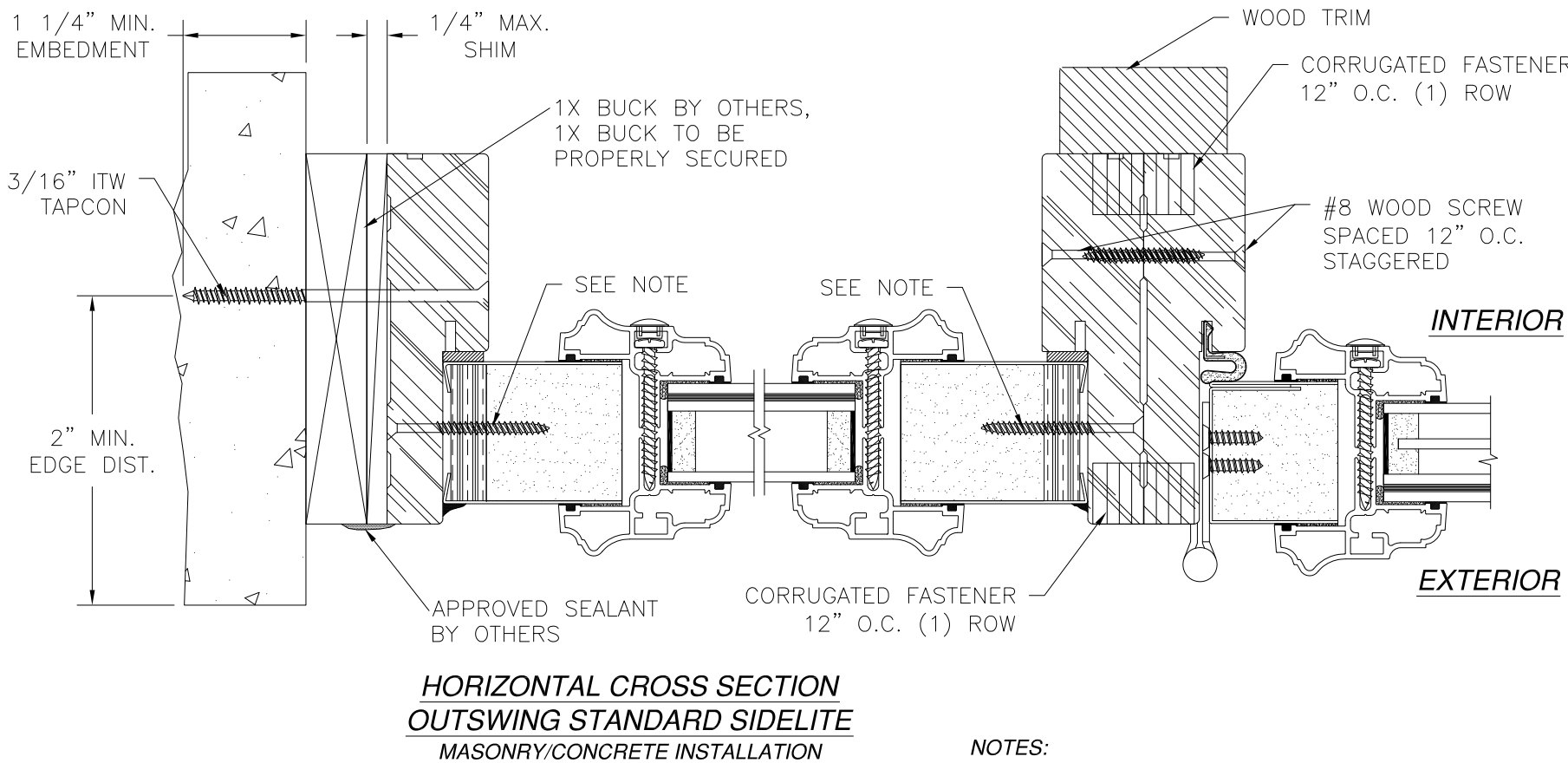
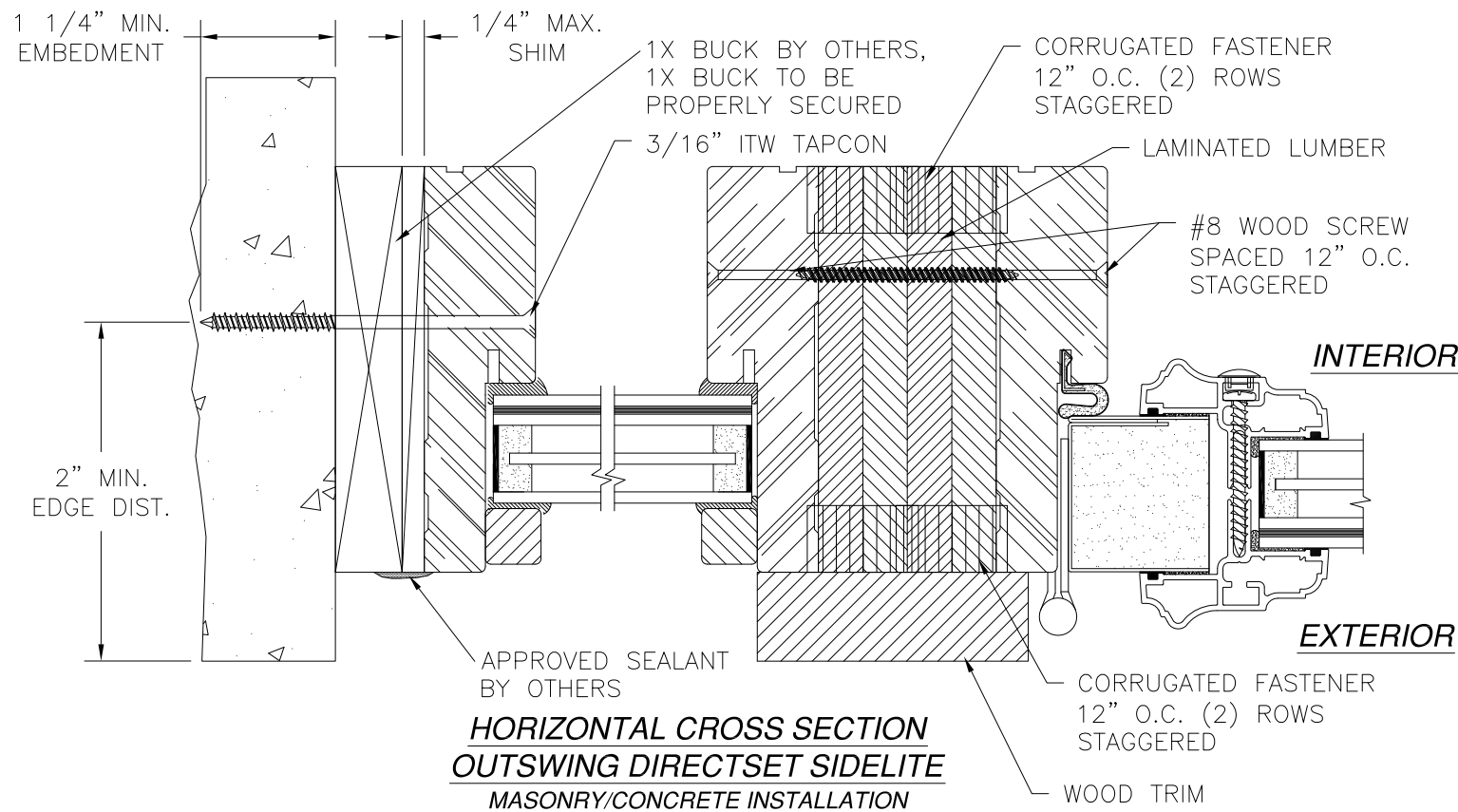
SIGNED: 01/08/2020

|                                                                                                     |                     |                |
|-----------------------------------------------------------------------------------------------------|---------------------|----------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                             |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>OUTSWING INSTALLATION DETAILS   |                     |                |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                           | DATE 04/20/10       | SHEET 14 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com |                     |                |



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

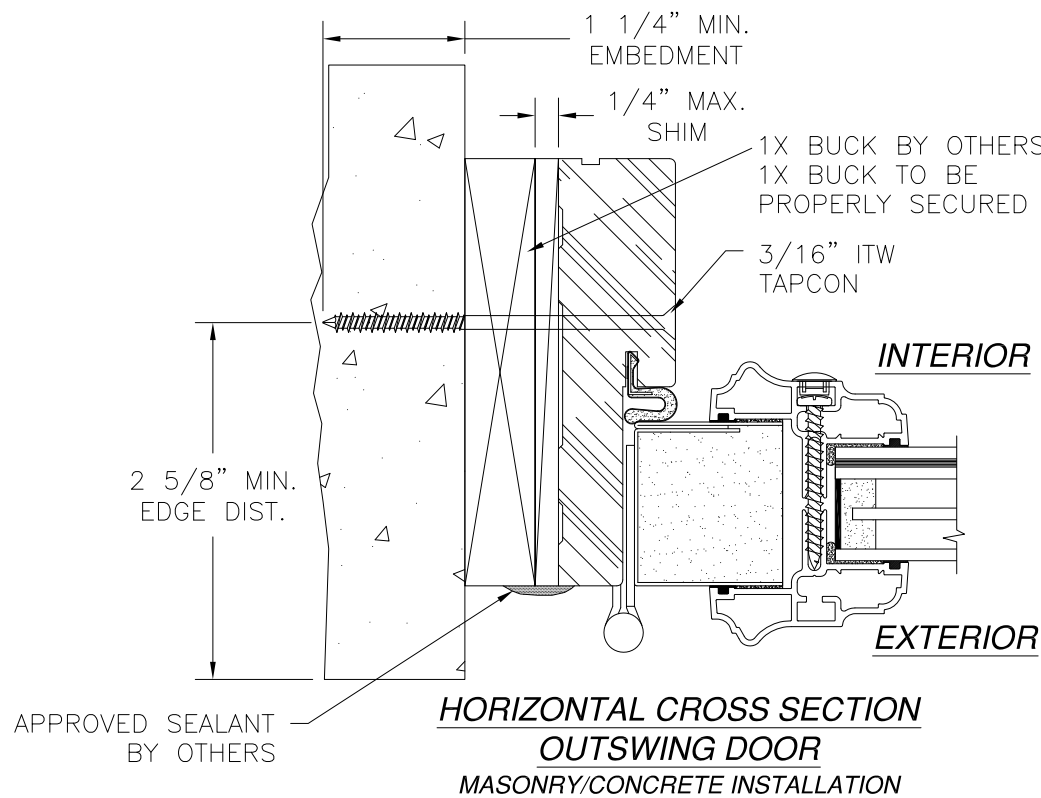




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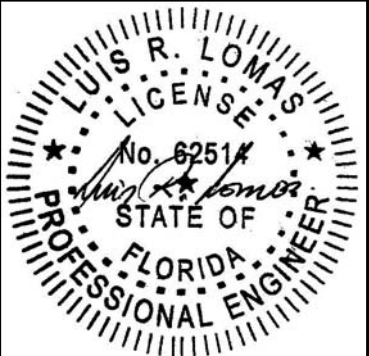
- NOTES:
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| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



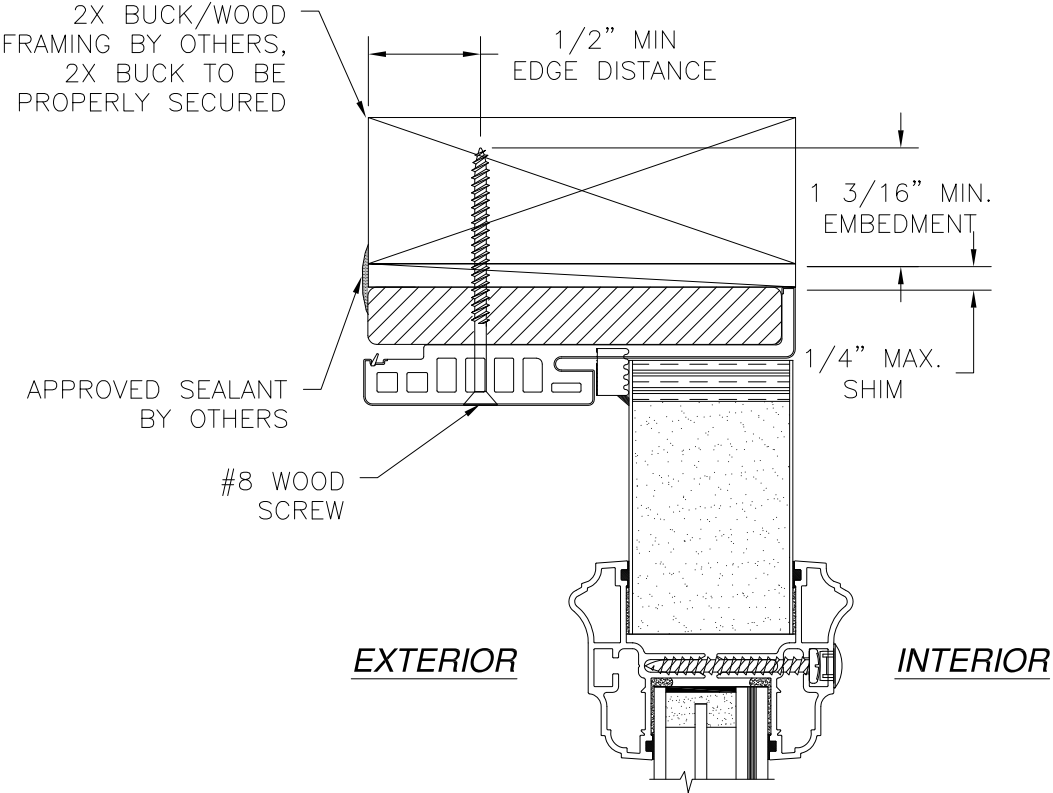
SIGNED: 01/08/2020

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|------------------------------------------------------------------------------------------------------|---------------------|----------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                     |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES – IMPACT<br>OUTSWING INSTALLATION DETAILS    |                     |                |
| DRAWN:<br>TJH                                                                                        | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                            | DATE 04/20/10       | SHEET 16 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |                     |                |

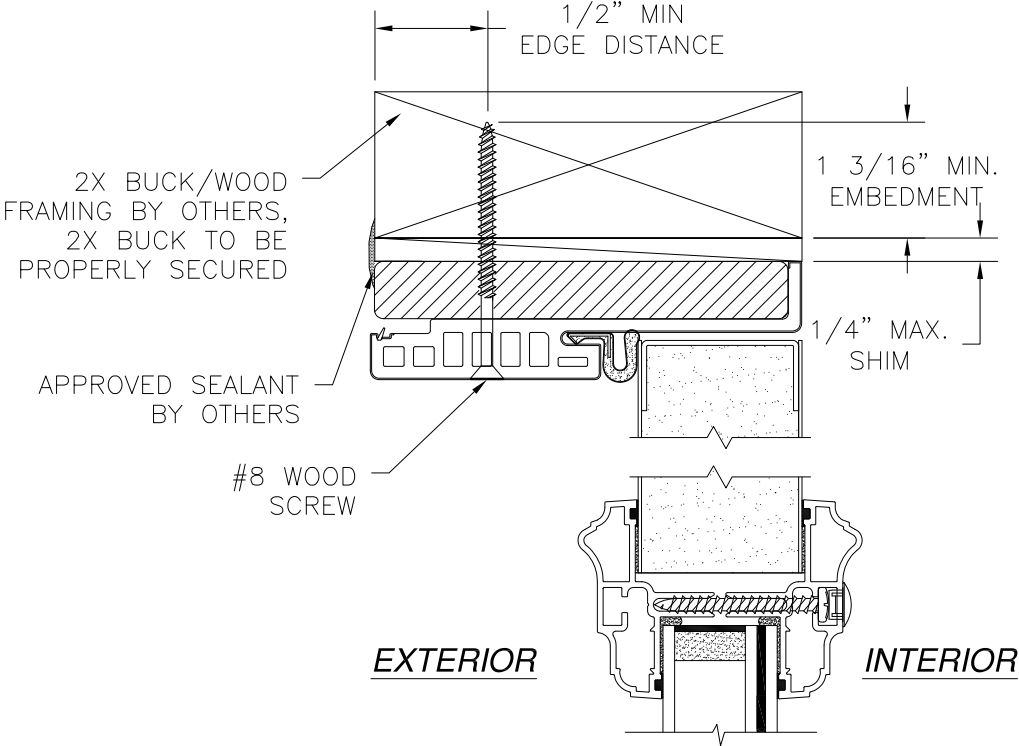


Luis R. Lomas P.E.  
FL No.: 62514

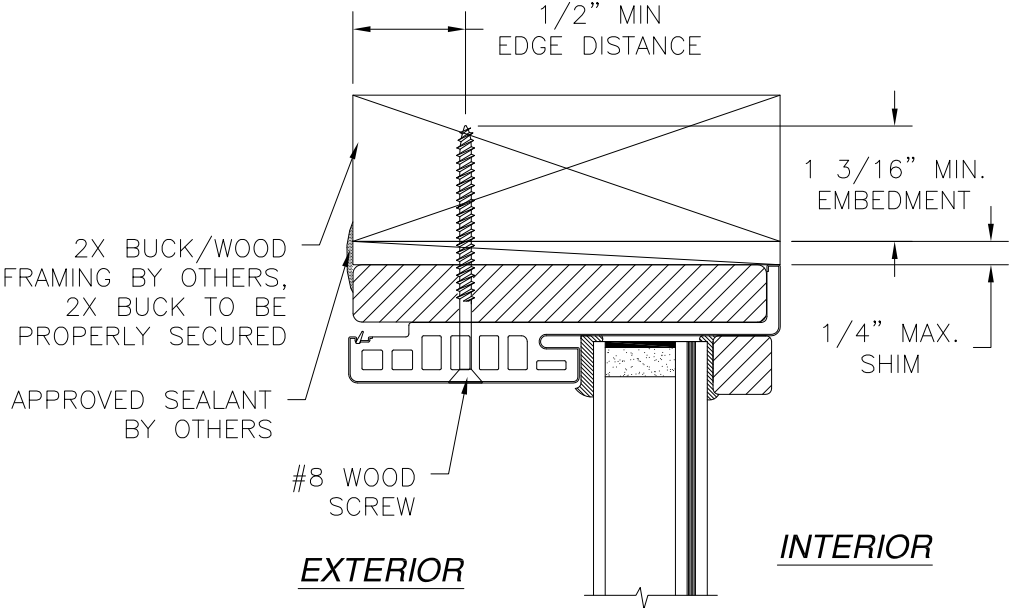
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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



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

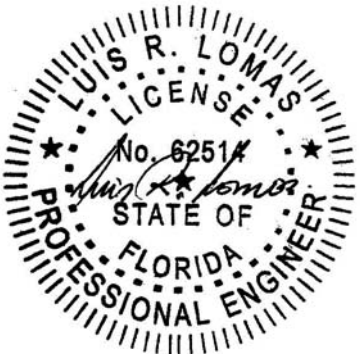


**VERTICAL CROSS SECTION  
DIRECTSET INSWING SIDELITE  
2X BUCK/WOOD FRAMING INSTALLATION**

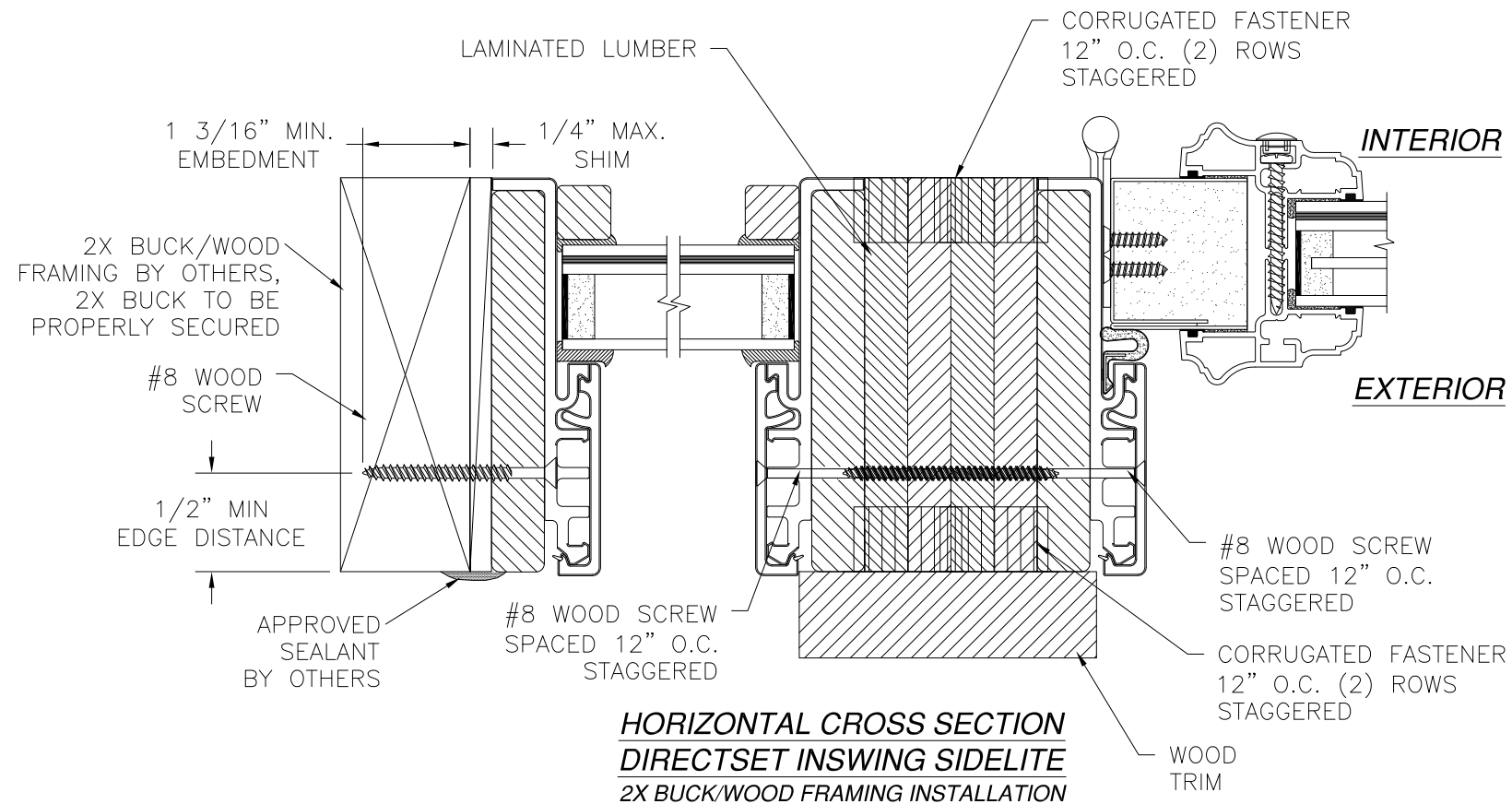
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SIGNED: 01/08/2020

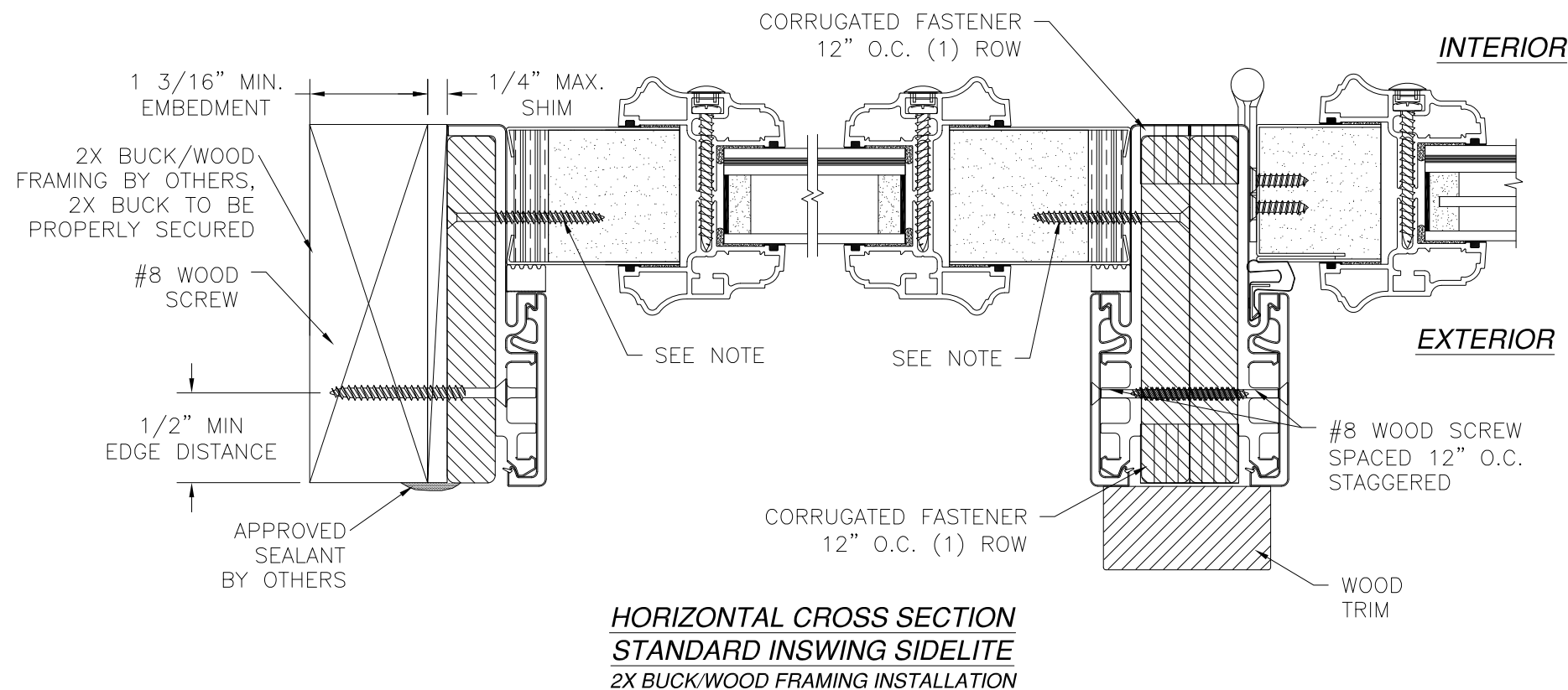
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| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                                |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES – IMPACT<br>INSWING INSTALLATION DETAILS W/FUSION FRAME |                     |                |
| DRAWN:<br>TJH                                                                                                   | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                                       | DATE 04/20/10       | SHEET 17 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com             |                     |                |



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



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

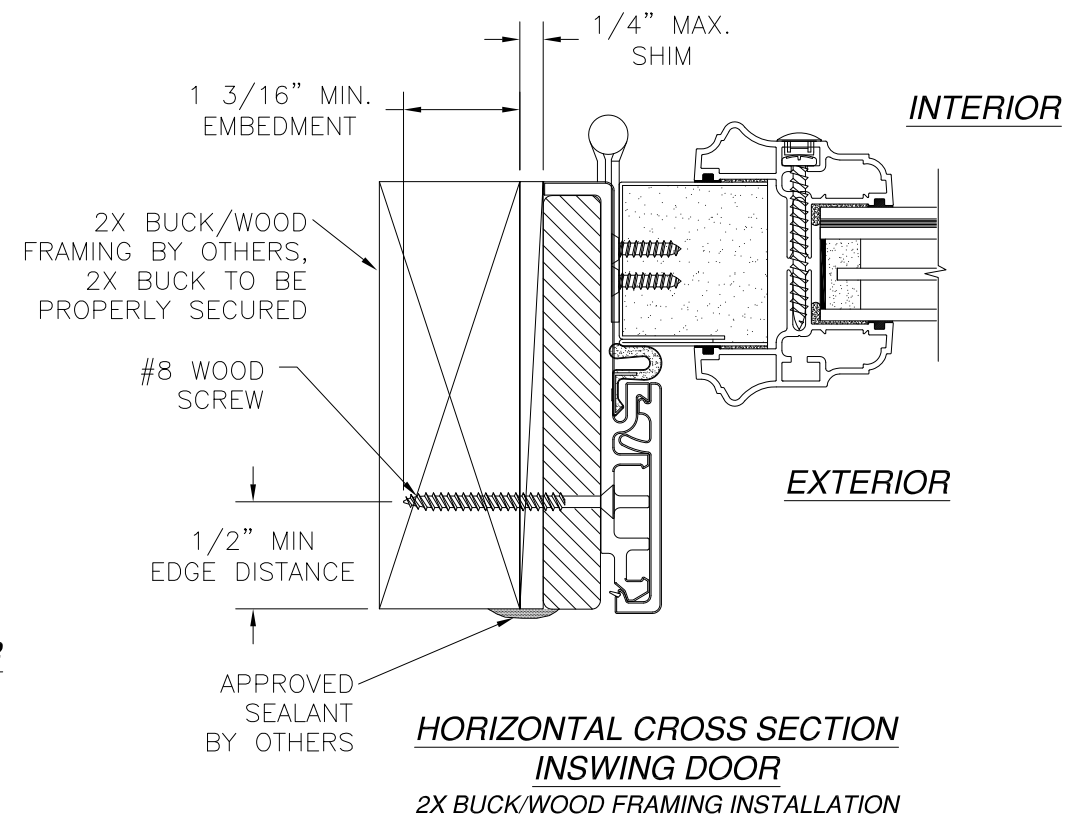


**HORIZONTAL CROSS SECTION**  
**STANDARD INSWING SIDELITE**  
**2X BUCK/WOOD FRAMING INSTALLATION**

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

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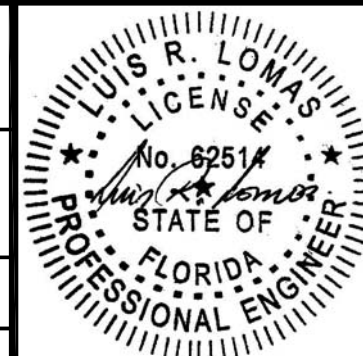
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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

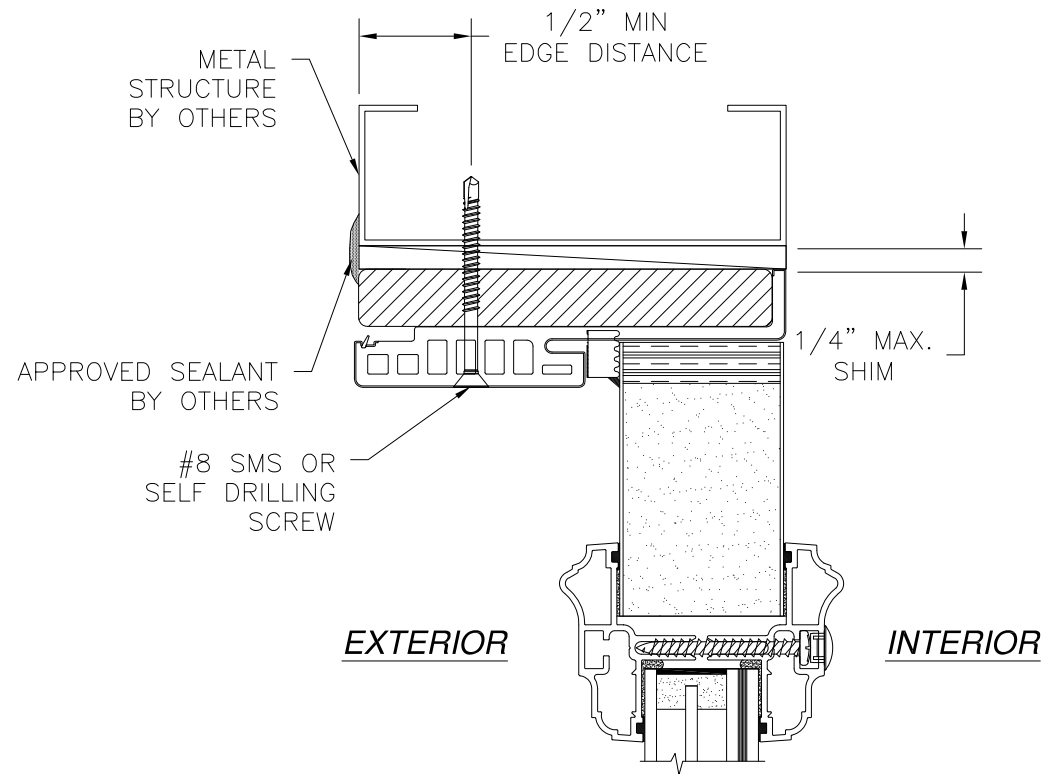
SIGNED: 01/08/2020

|                                                                                                                 |                     |                |
|-----------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                         |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>INSWING INSTALLATION DETAILS W/FUSION FRAME |                     |                |
| DRAWN:<br>TJH                                                                                                   | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                                       | DATE 04/20/10       | SHEET 18 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com             |                     |                |

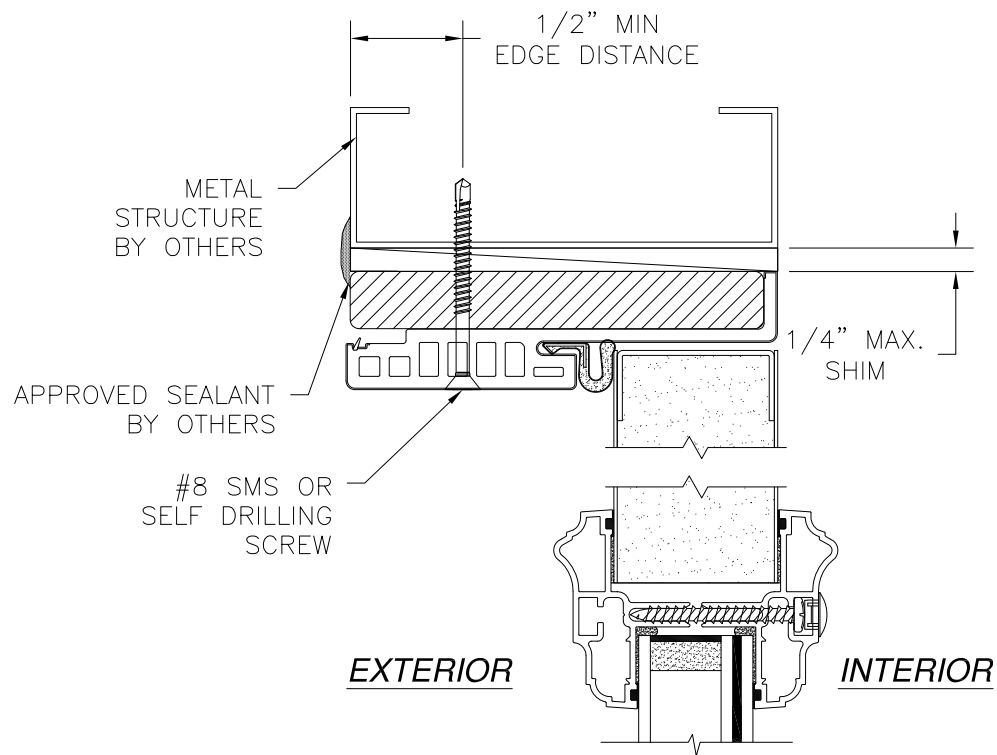


Luis R. Lomas P.E.  
FL No.: 62514

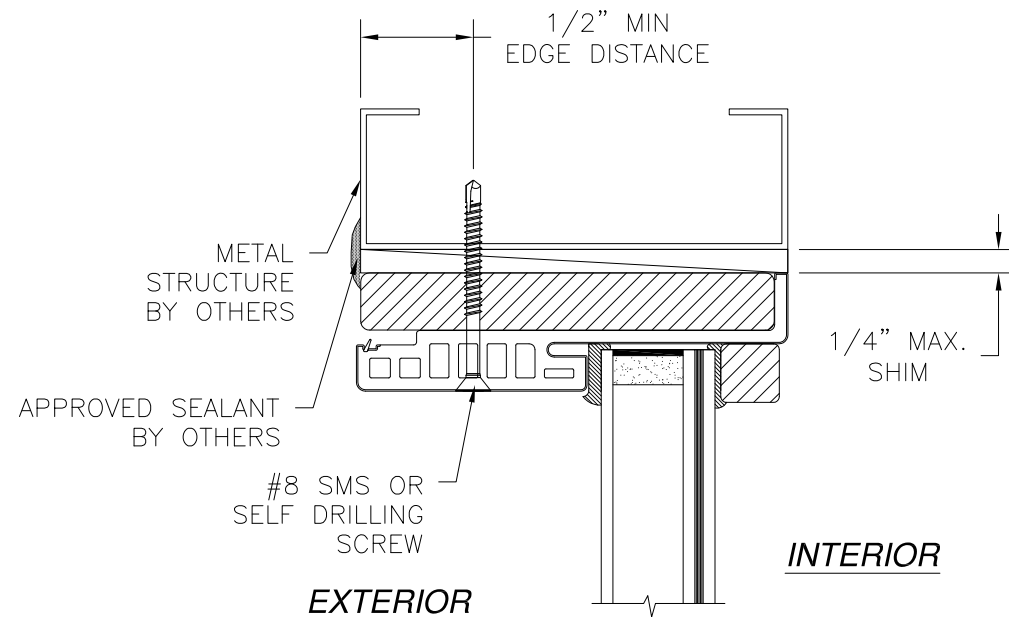
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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



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



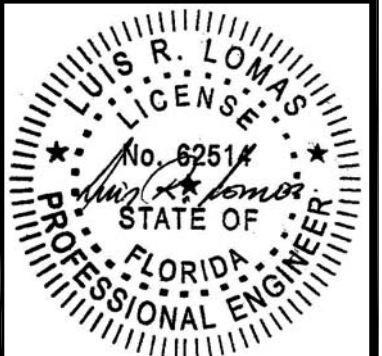
**VERTICAL CROSS SECTION  
DIRECTSET INSWING SIDELITE  
METAL STRUCTURE INSTALLATION**

**NOTES:**

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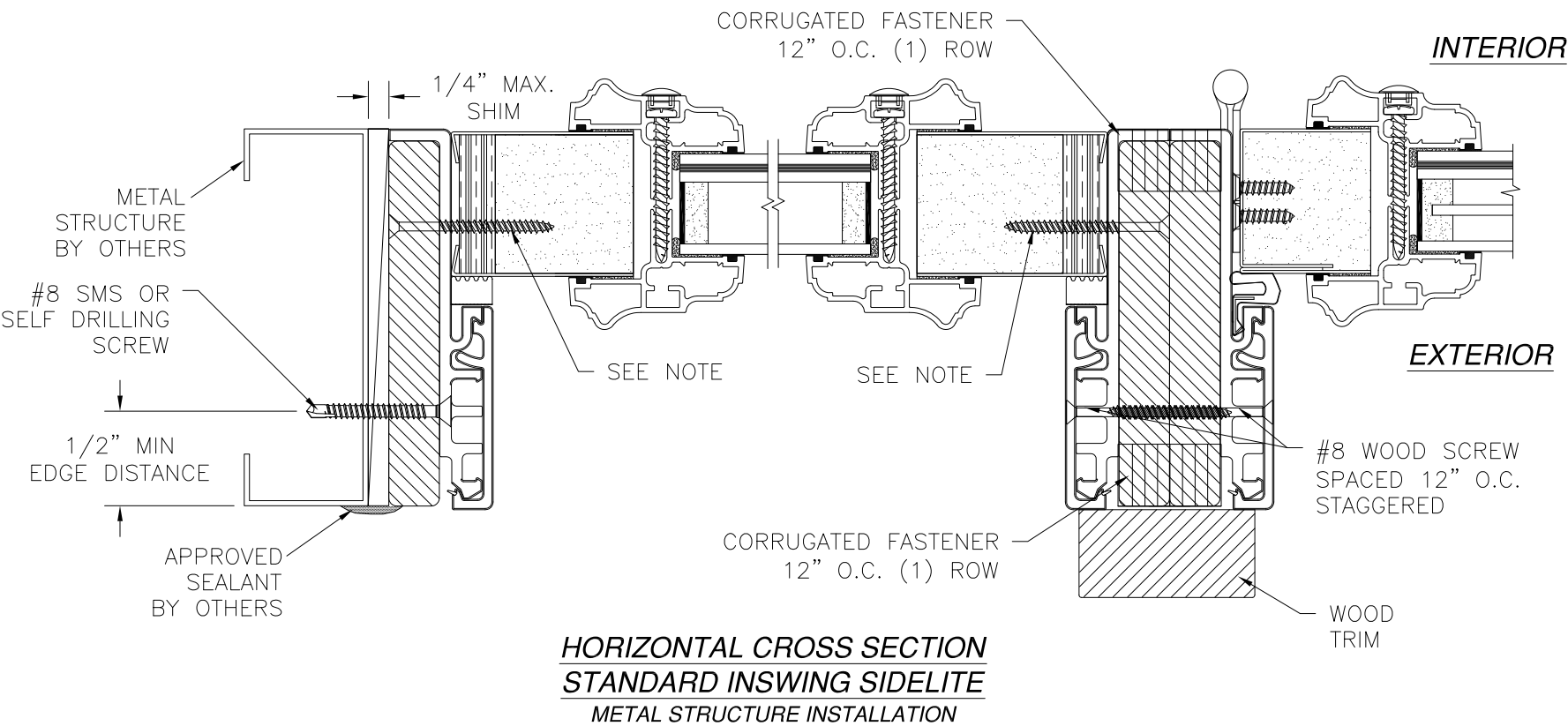
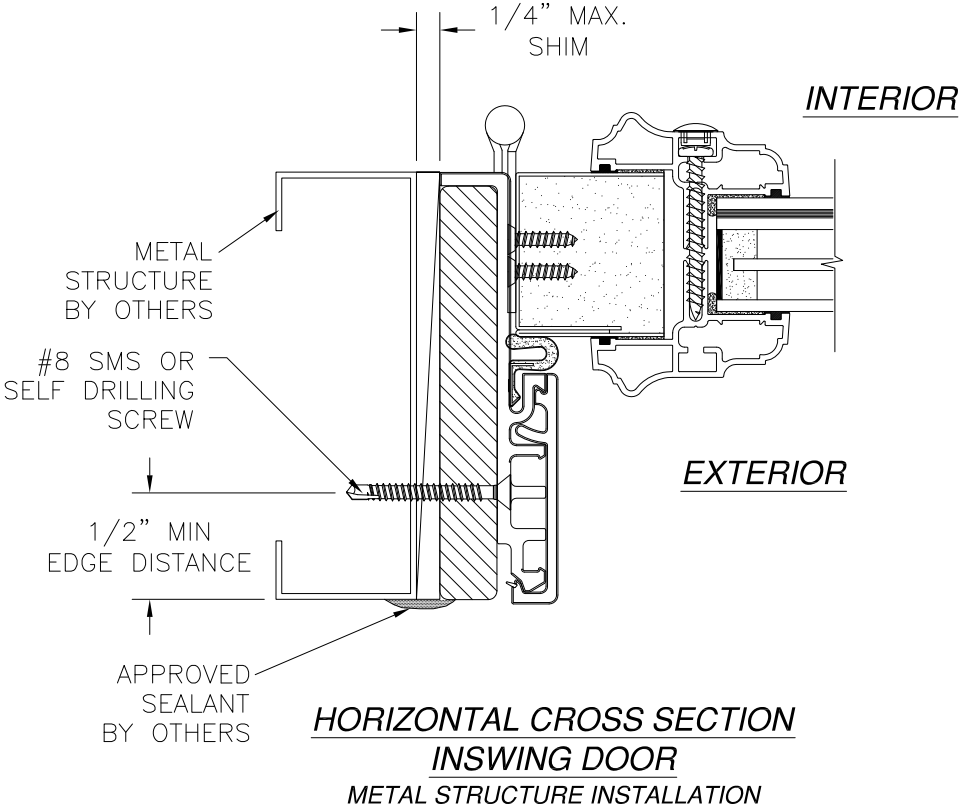
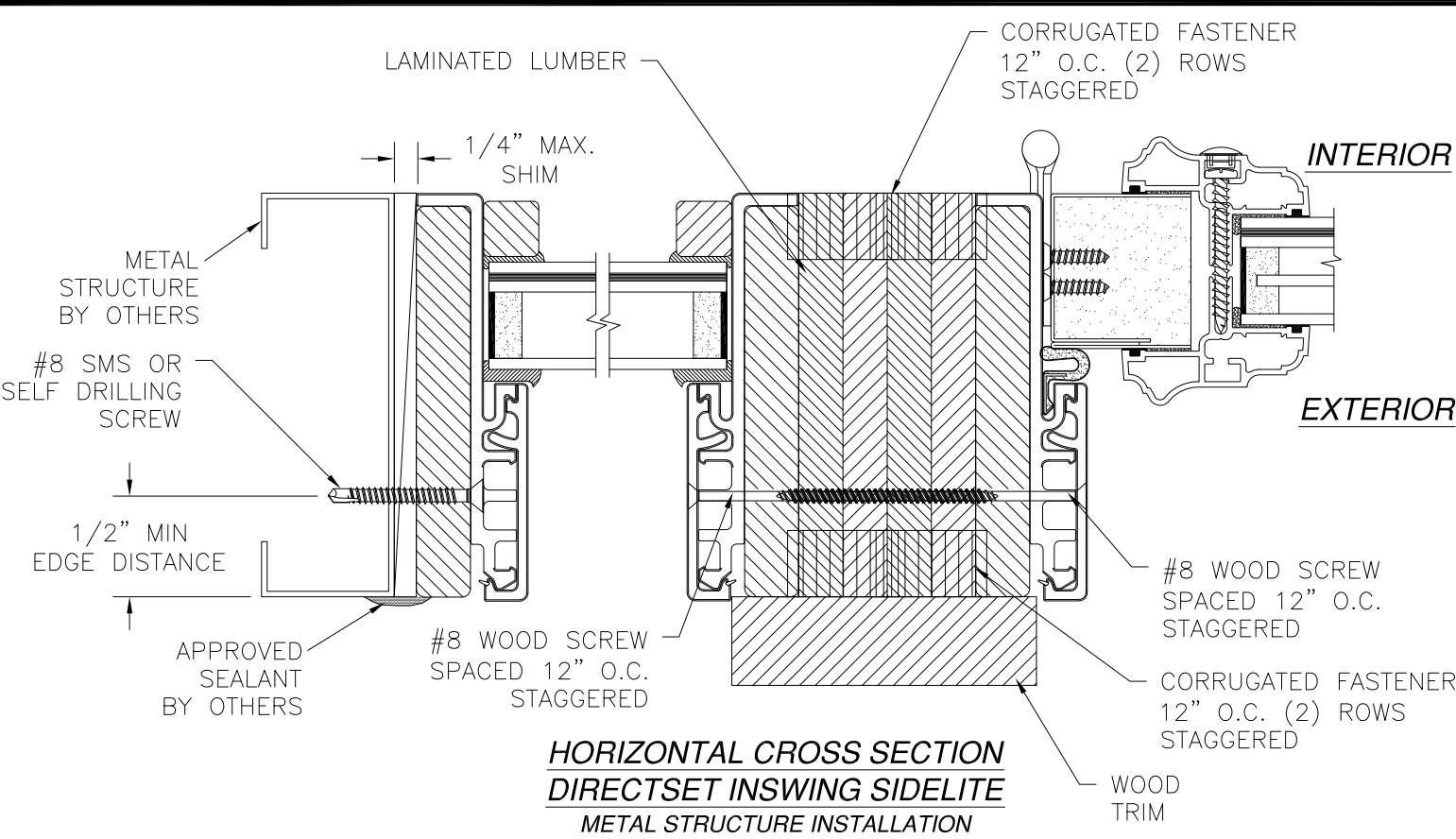
SIGNED: 01/08/2020

|                                                                                                                 |                     |                |
|-----------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                                |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>INSWING INSTALLATION DETAILS W/FUSION FRAME |                     |                |
| DRAWN:<br>TJH                                                                                                   | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                                       | DATE 04/20/10       | SHEET 19 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com            |                     |                |



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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
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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 – IMPACT

INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

DATE 04/20/10

SHEET 20 OF 32

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

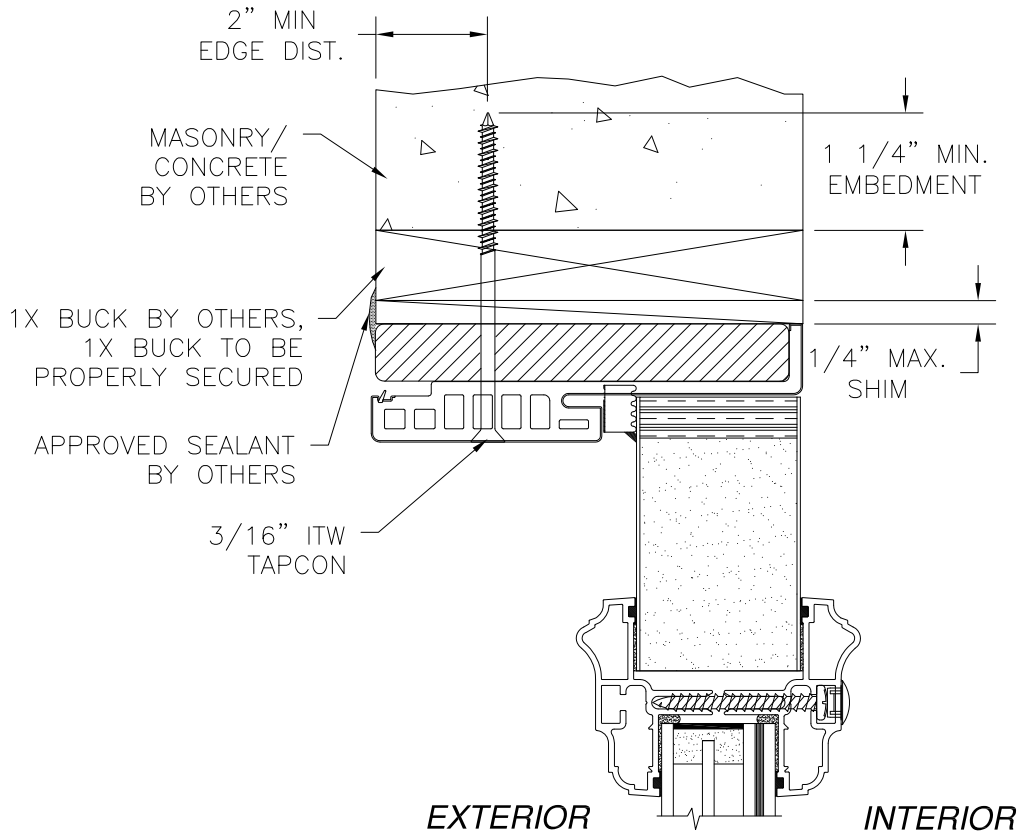
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 01/08/2020

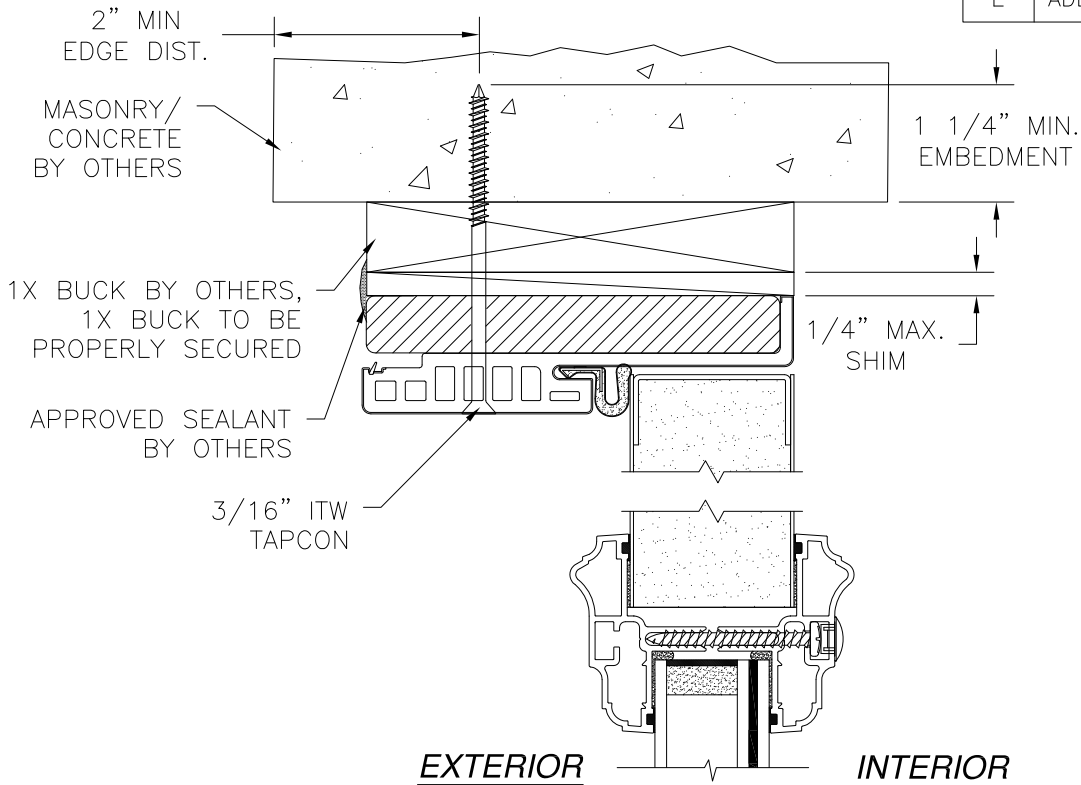


Luis R. Lomas P.E.  
FL No.: 62514

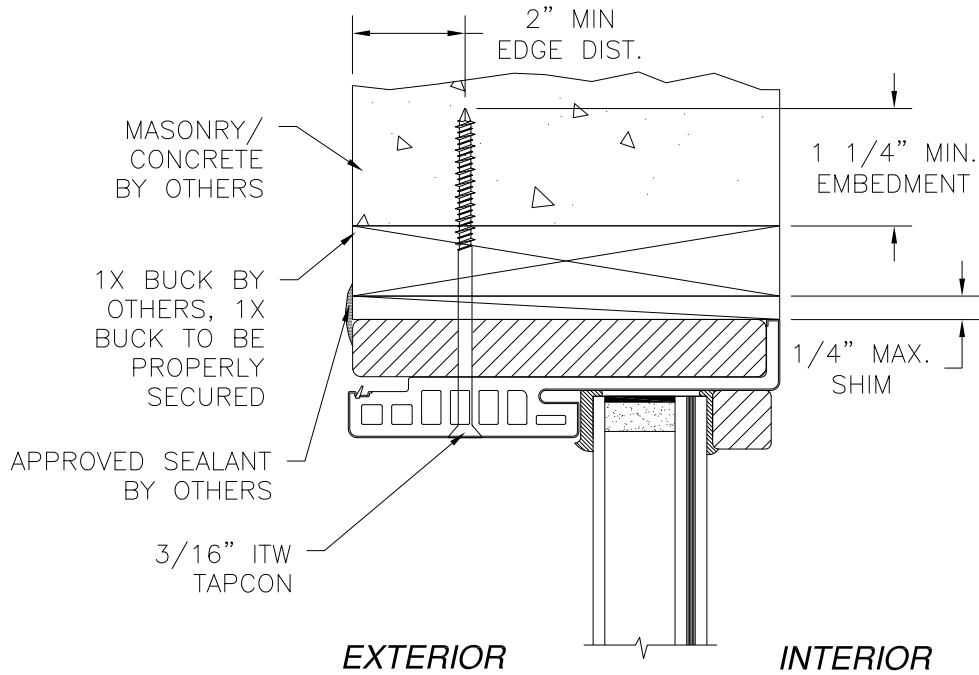
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



**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:
- 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 – IMPACT

INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

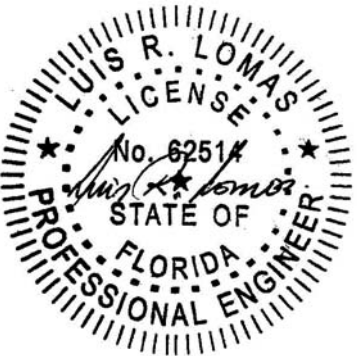
DATE 04/20/10

SHEET 21 OF 32

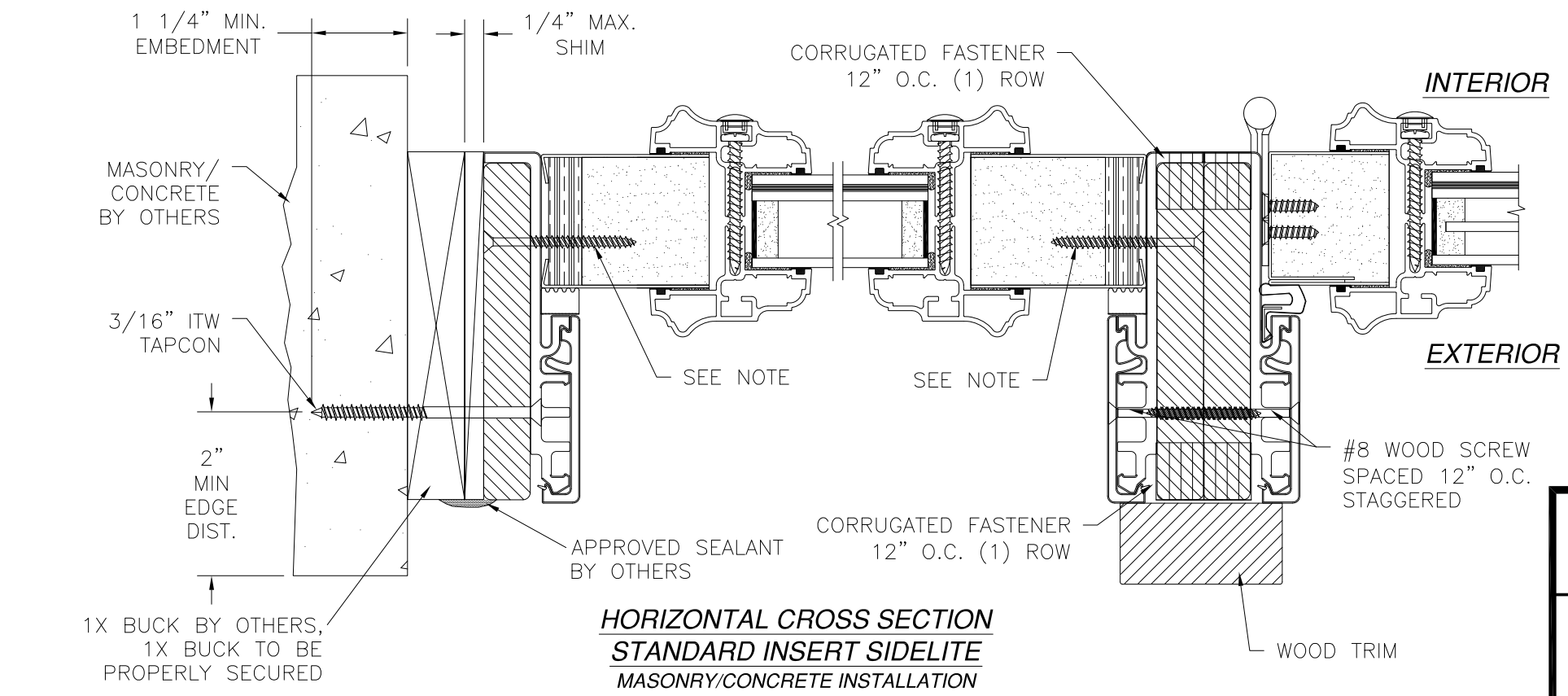
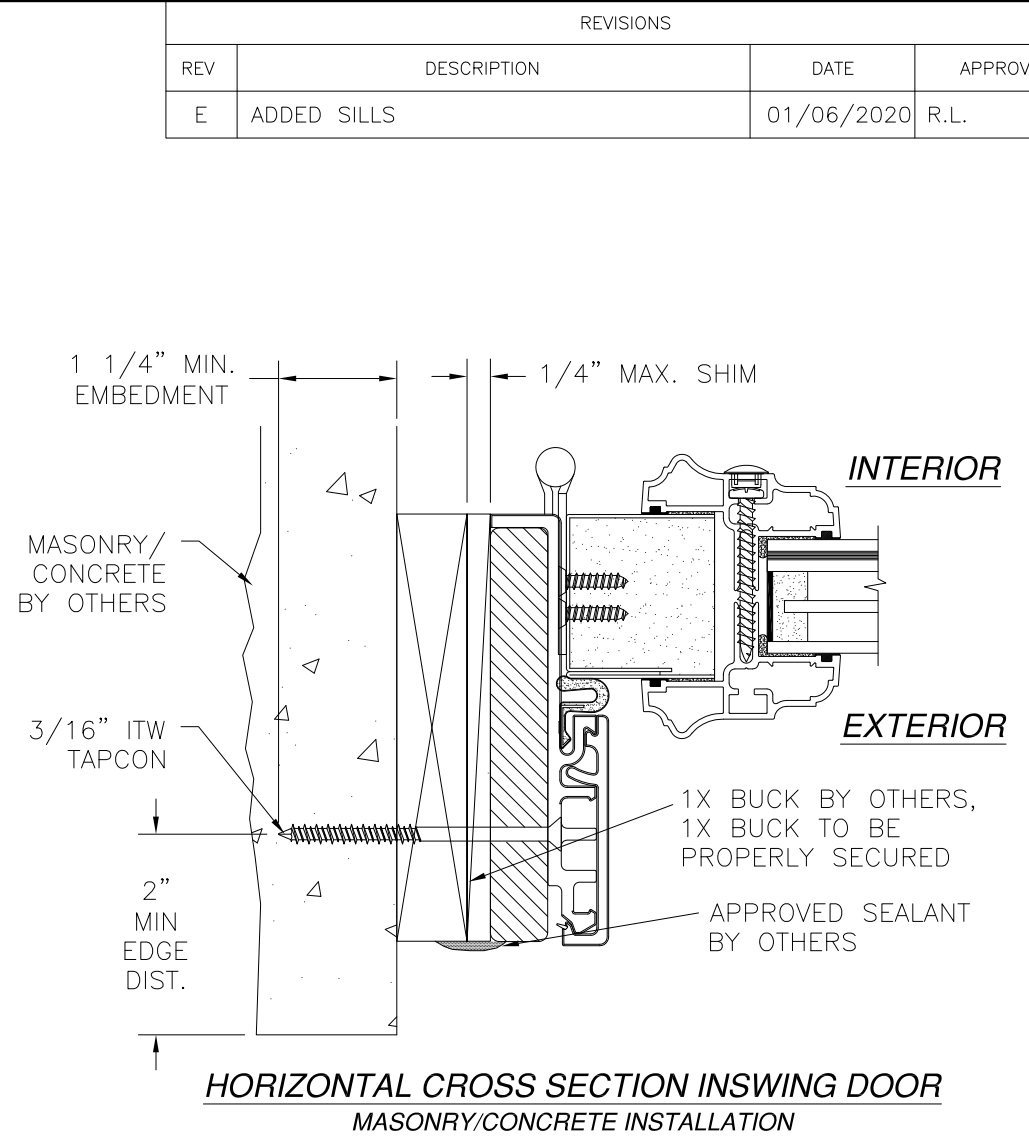
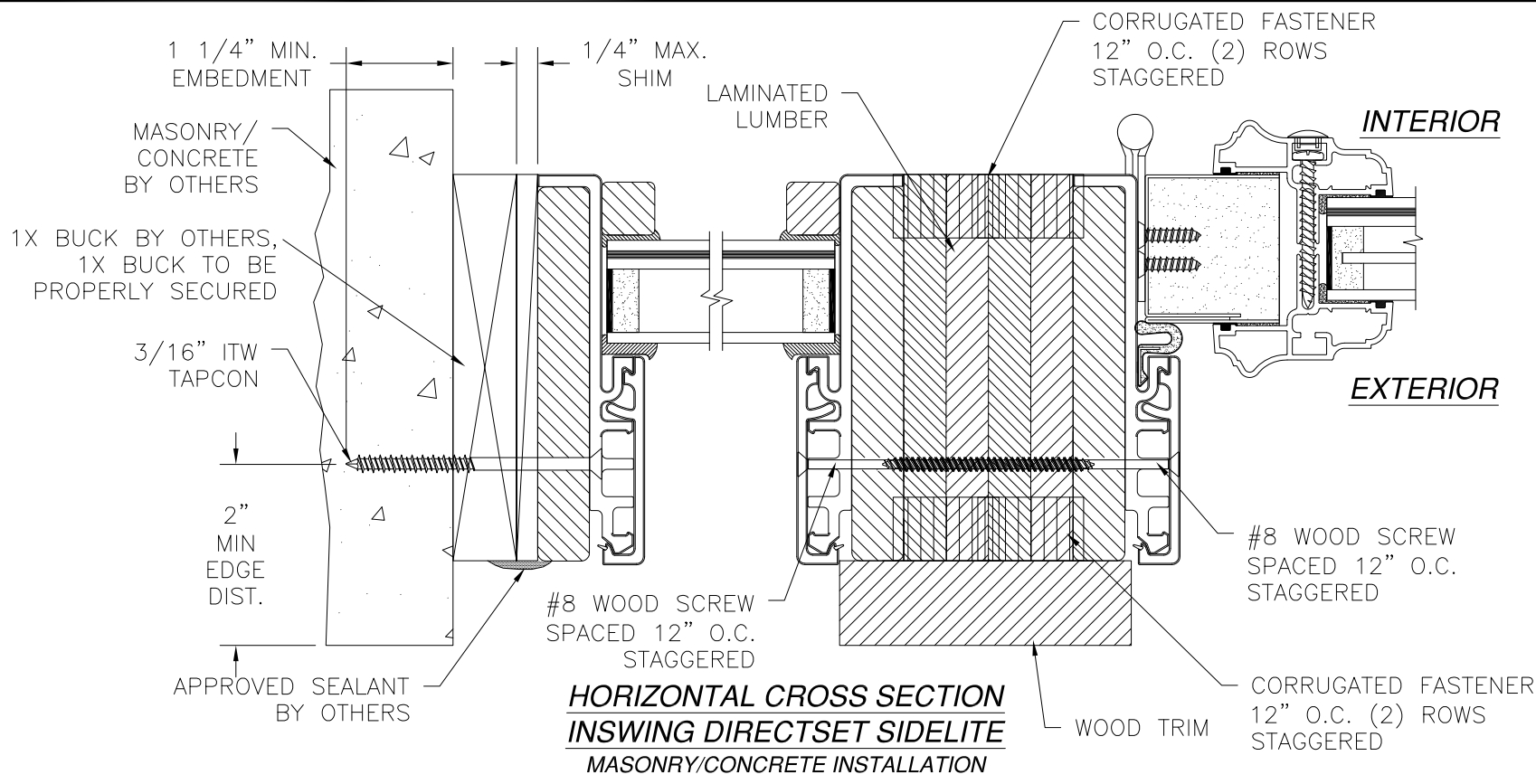
L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com



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



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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |

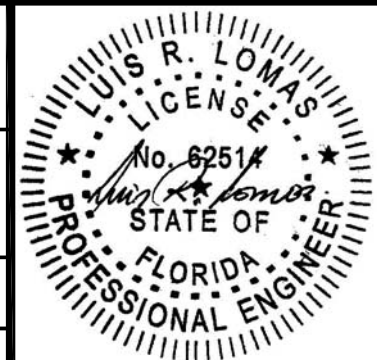
PROVIA, LLC.  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

|               |                     |                   |
|---------------|---------------------|-------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E          |
| SCALE<br>NTS  | DATE<br>04/20/10    | SHEET<br>22 OF 32 |

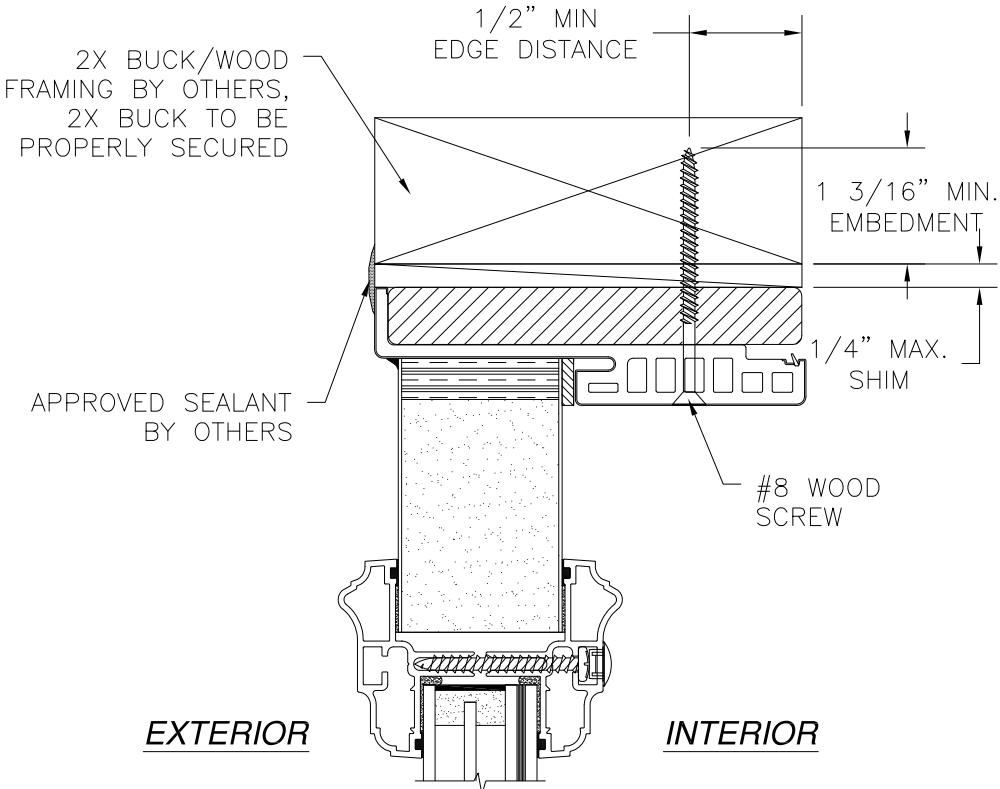
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

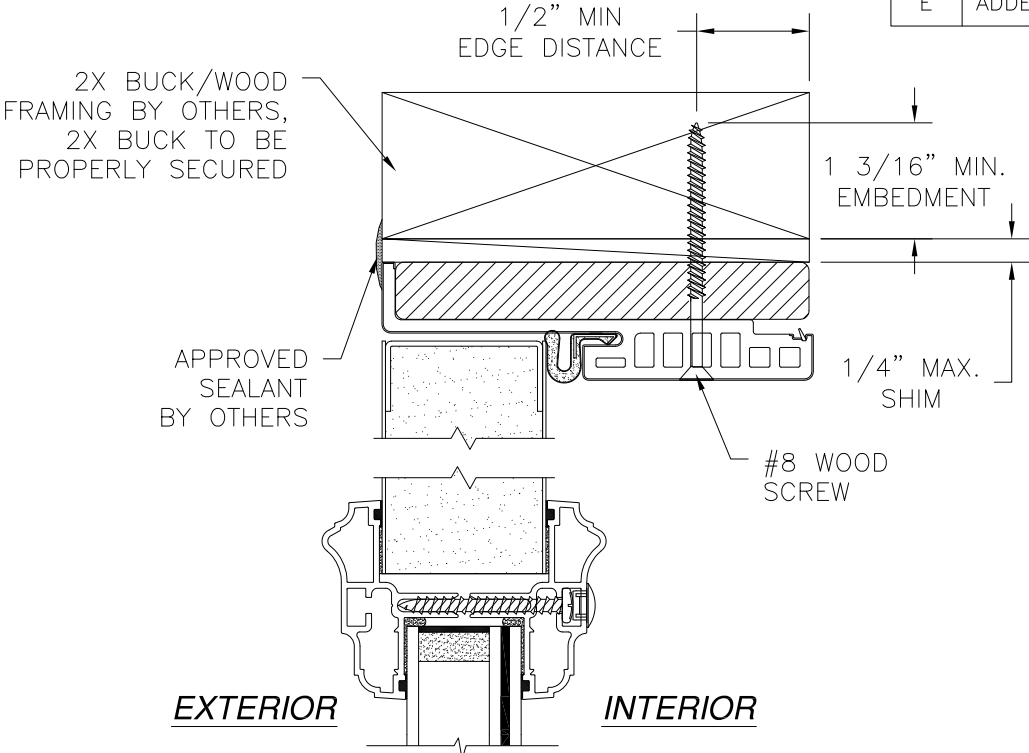


Luis R. Lomas P.E.  
FL No.: 62514

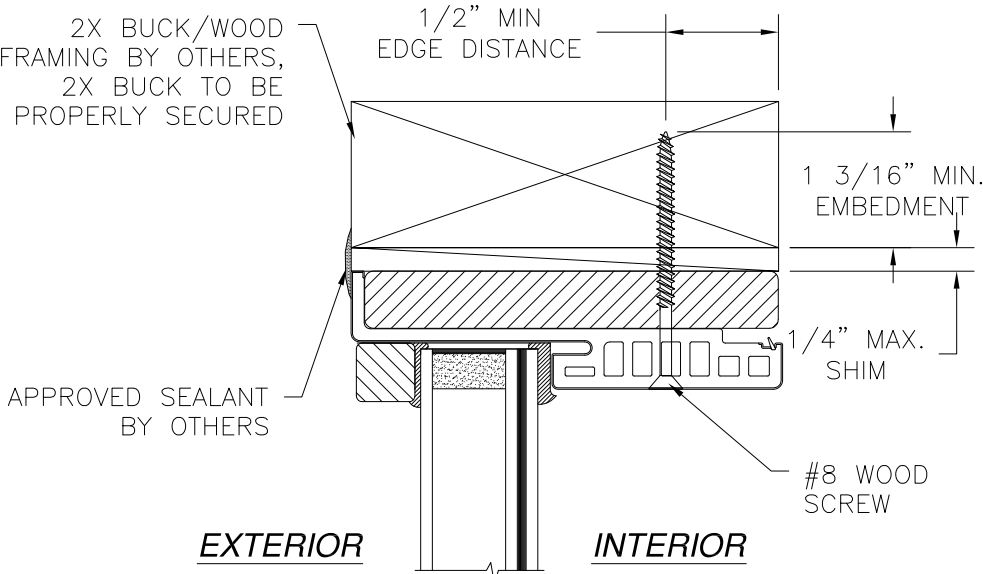
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



**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:
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 – IMPACT

OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

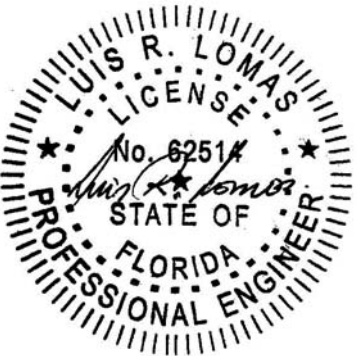
DATE 04/20/10

SHEET 23 OF 32

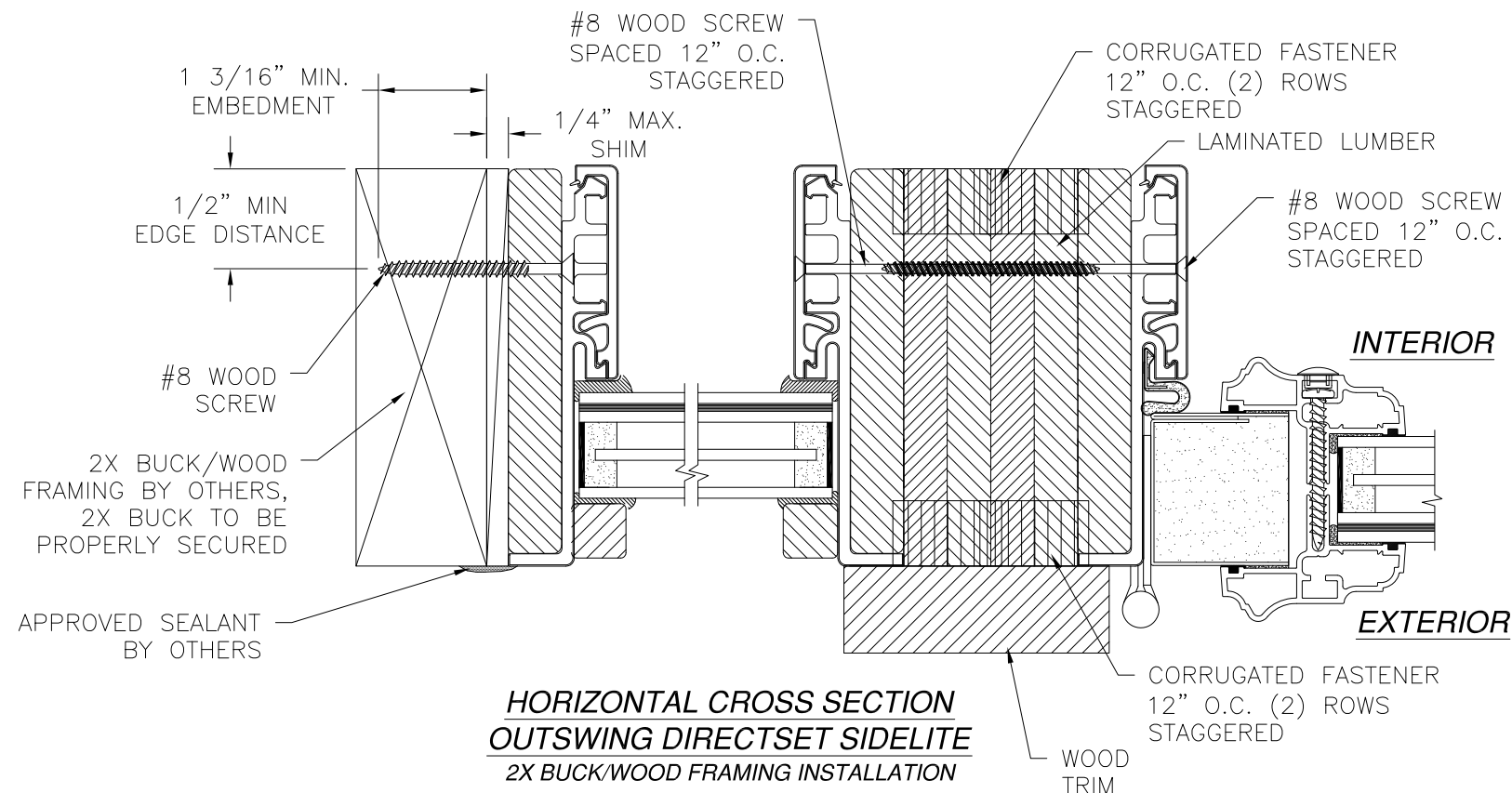
L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

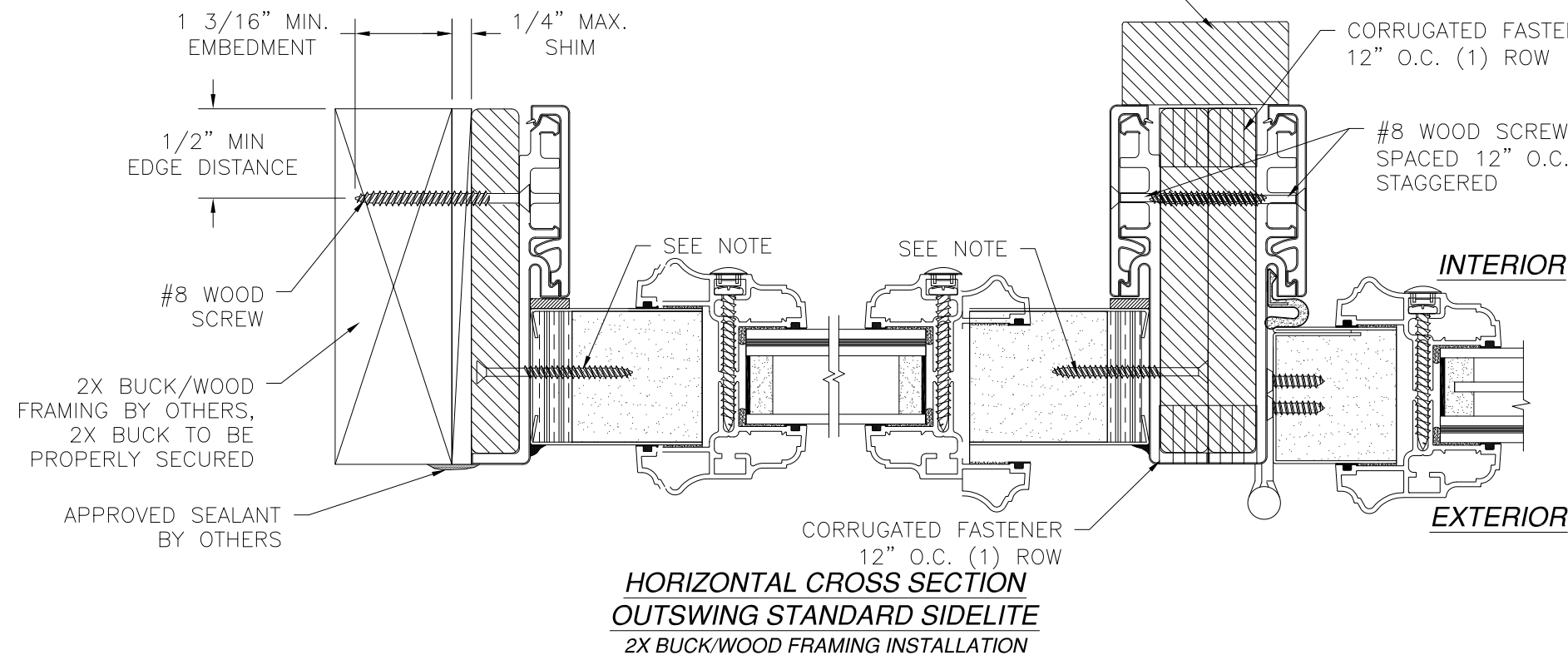
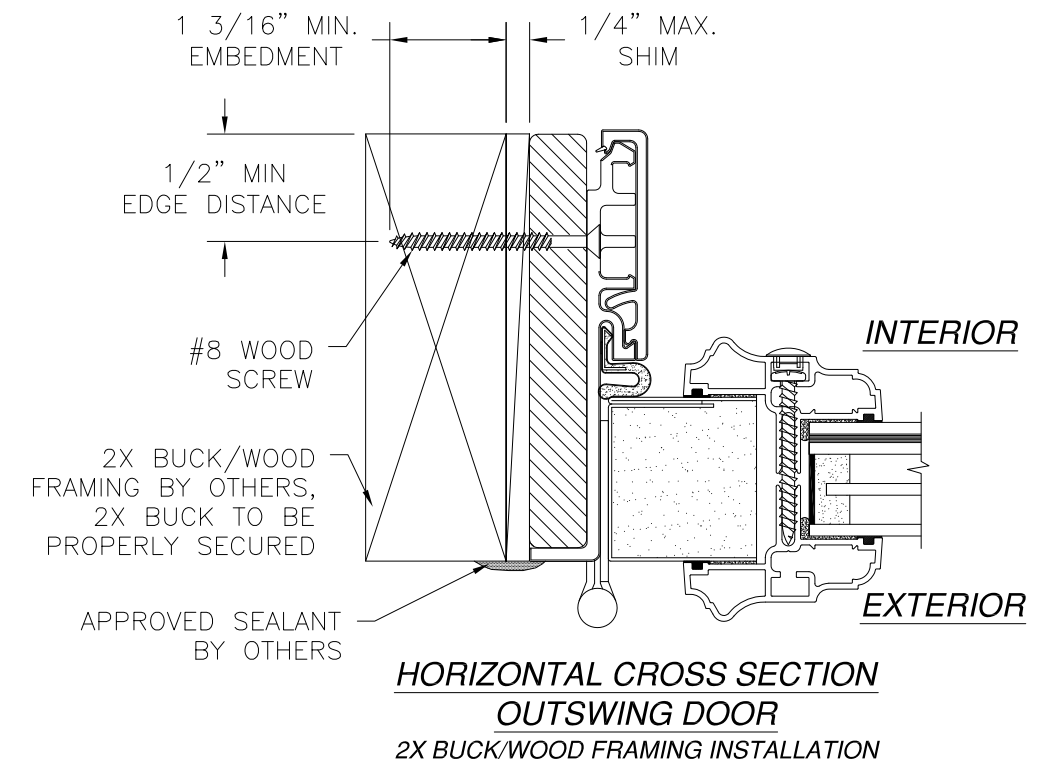
434-688-0609 rllomas@rlomaspe.com



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



| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



**NOTES:**

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PROVIA, LLC.

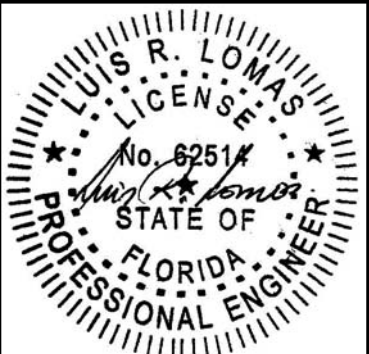
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

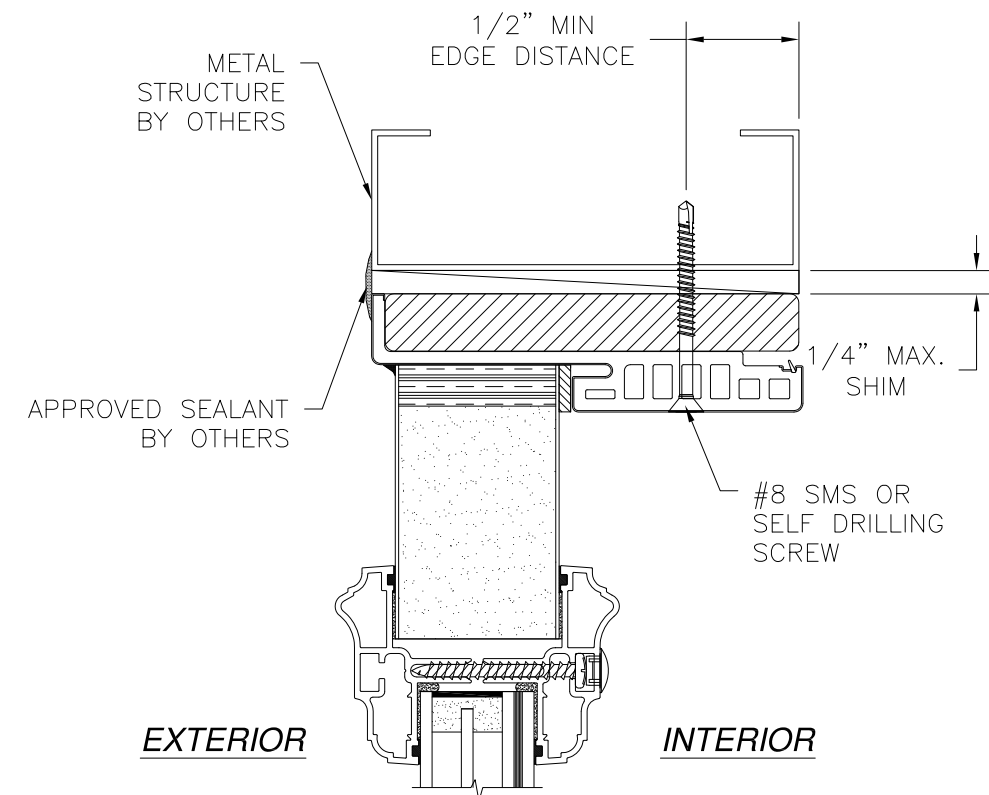
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| DRAWN:    | DWG NO.       | REV            |
| TJH       | 08-00980      | E              |
| SCALE NTS | DATE 04/20/10 | SHEET 24 OF 32 |

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

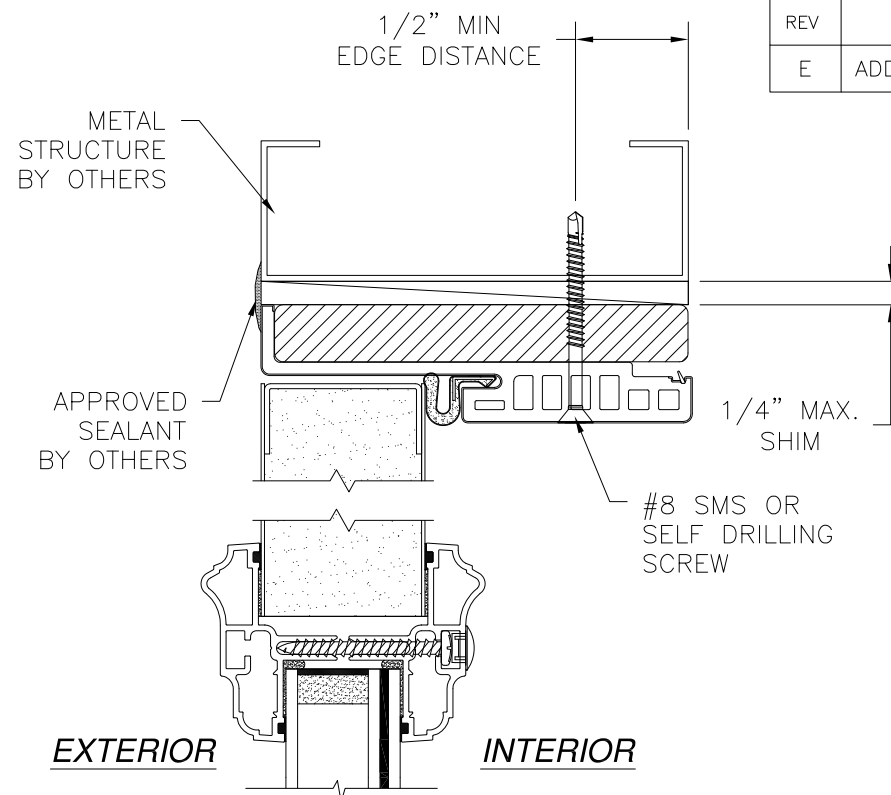
SIGNED: 01/08/2020



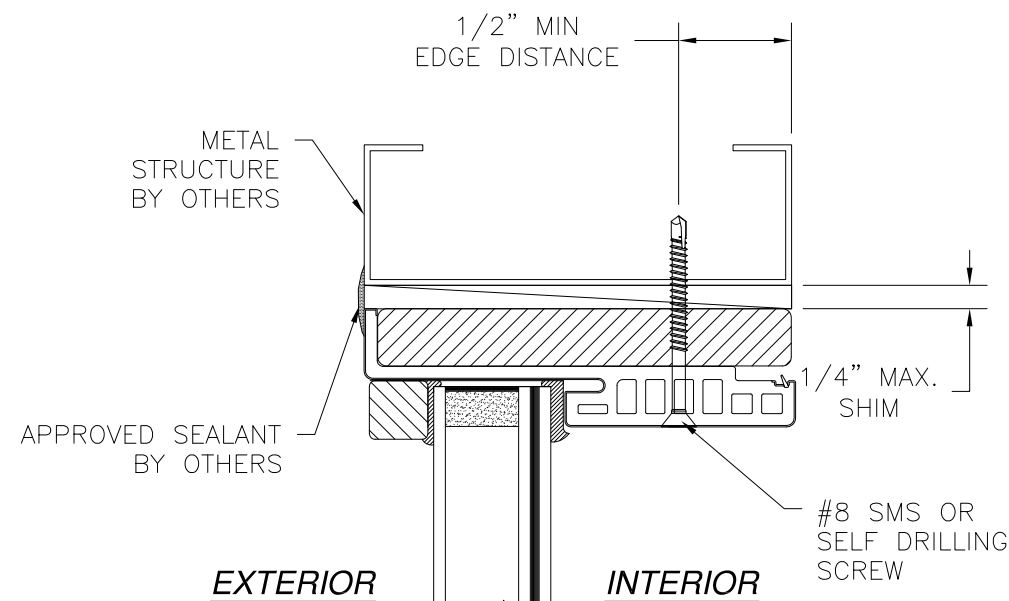
Luis R. Lomas P.E.  
FL No.: 62514



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



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



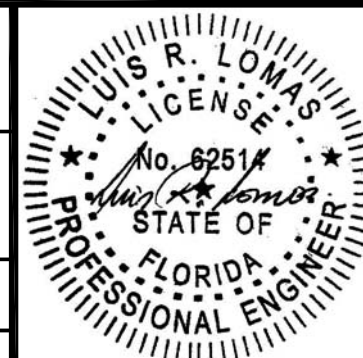
**VERTICAL CROSS SECTION  
OUTSWING DIRECTSET SIDELITE  
METAL STRUCTURE INSTALLATION**

- 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

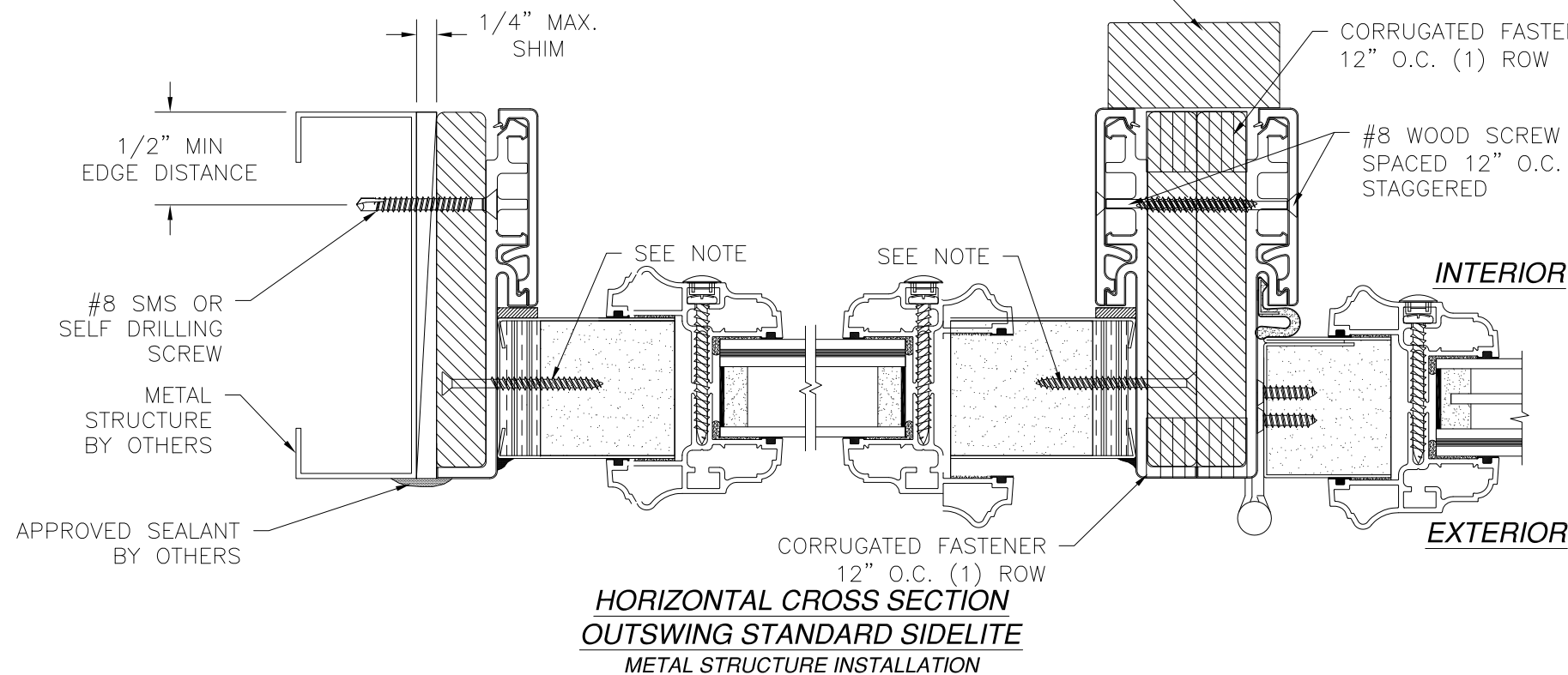
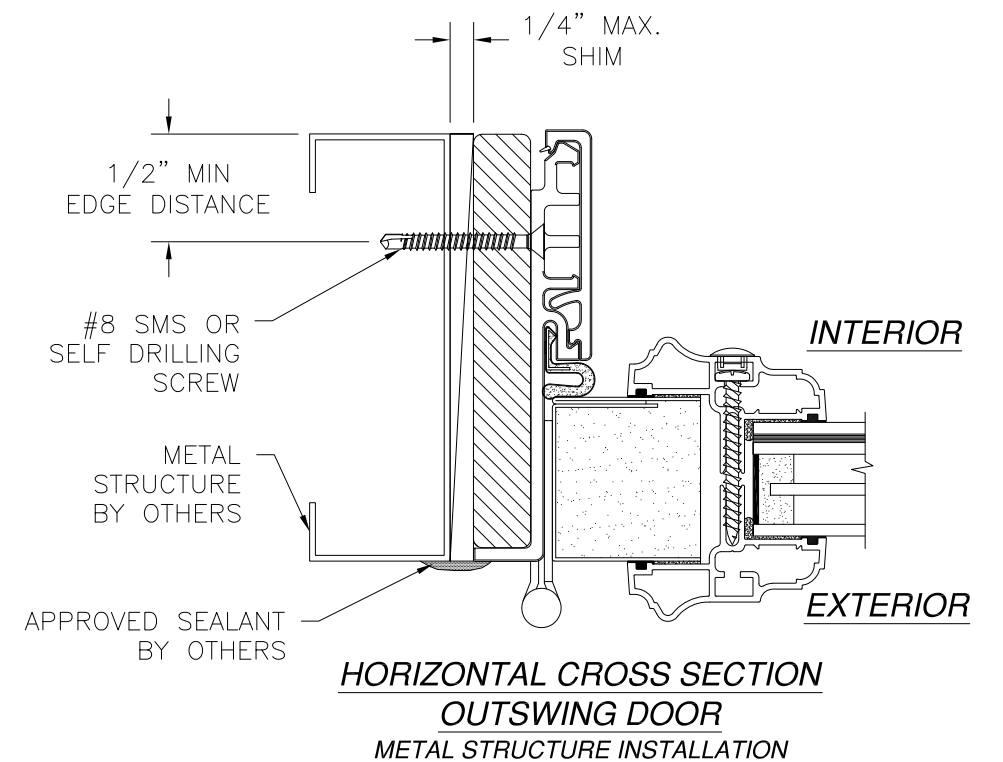
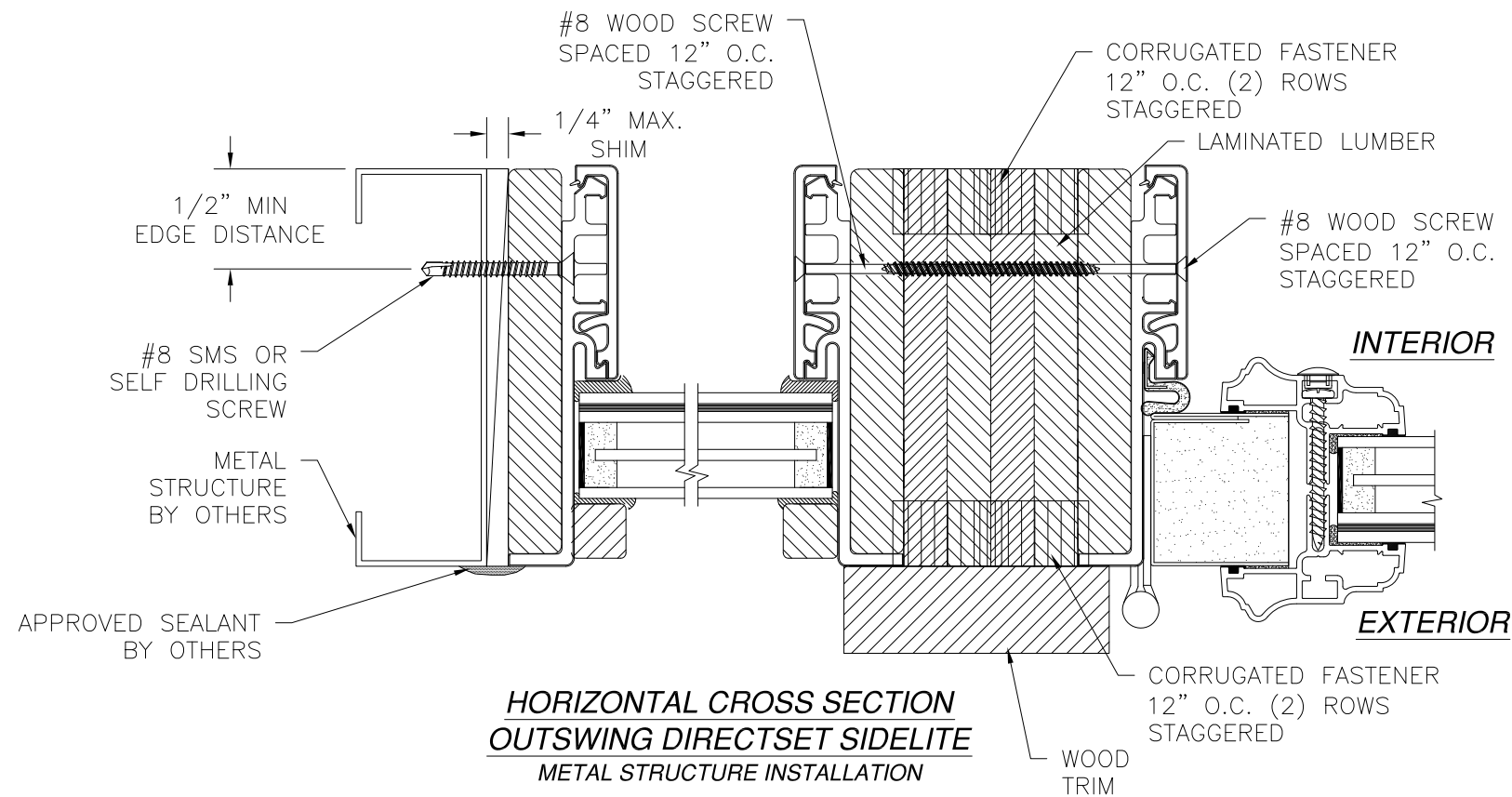
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |

|                                                                                                                  |                     |                |
|------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                          |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES – IMPACT<br>OUTSWING INSTALLATION DETAILS W/FUSION FRAME |                     |                |
| DRAWN:<br>TJH                                                                                                    | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                                        | DATE 04/20/10       | SHEET 25 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com              |                     |                |

SIGNED: 01/08/2020



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



**NOTES:**

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| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |

PROVIA, LLC.

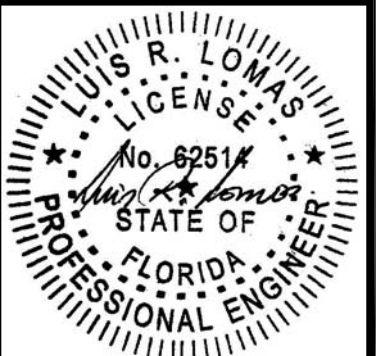
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

|               |                     |                |
|---------------|---------------------|----------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS     | DATE 04/20/10       | SHEET 26 OF 32 |

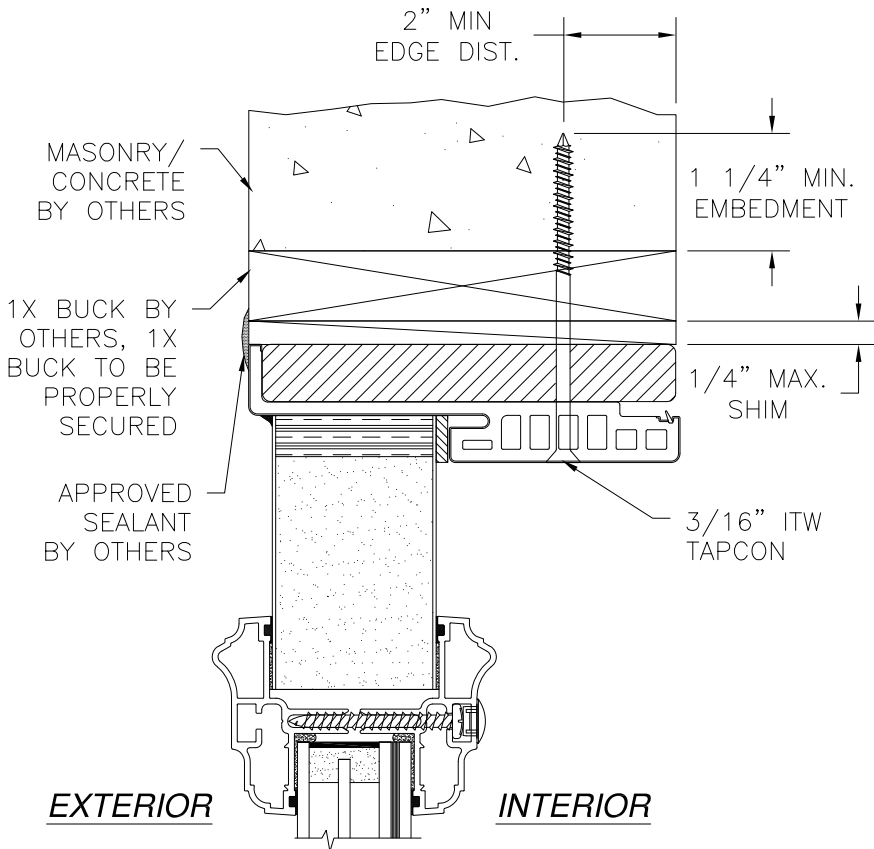
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 01/08/2020

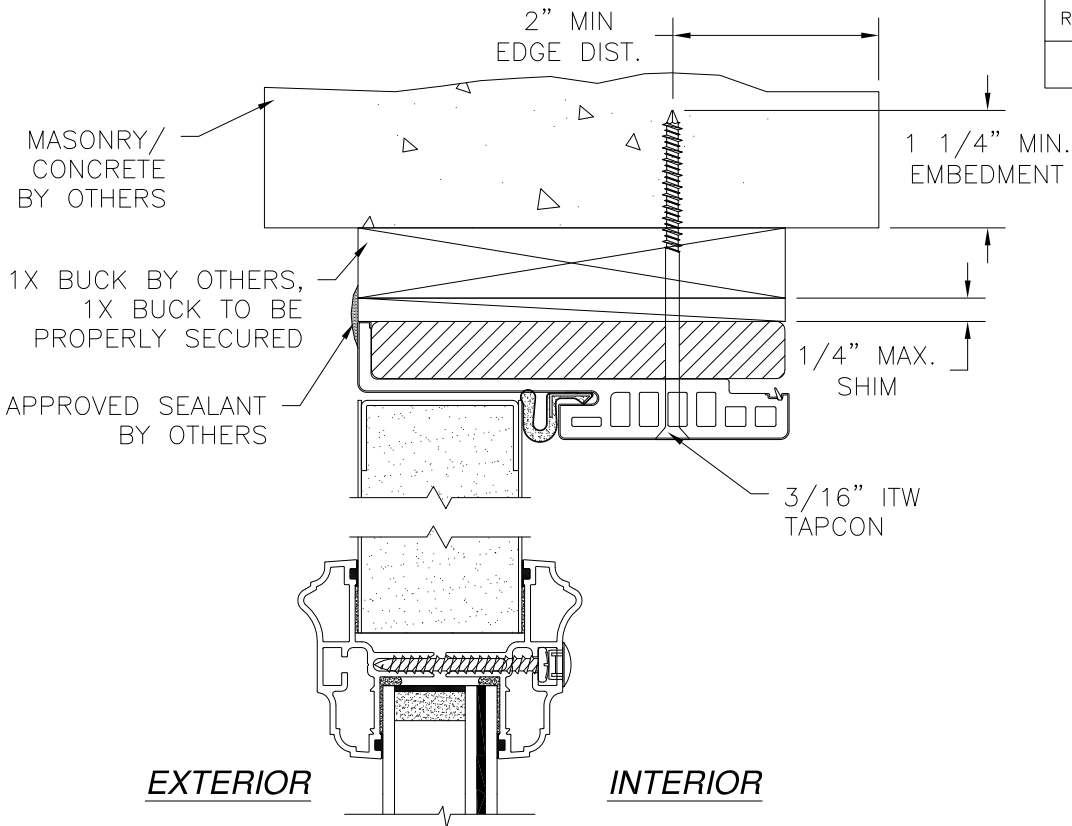


Luis R. Lomas P.E.  
FL No.: 62514

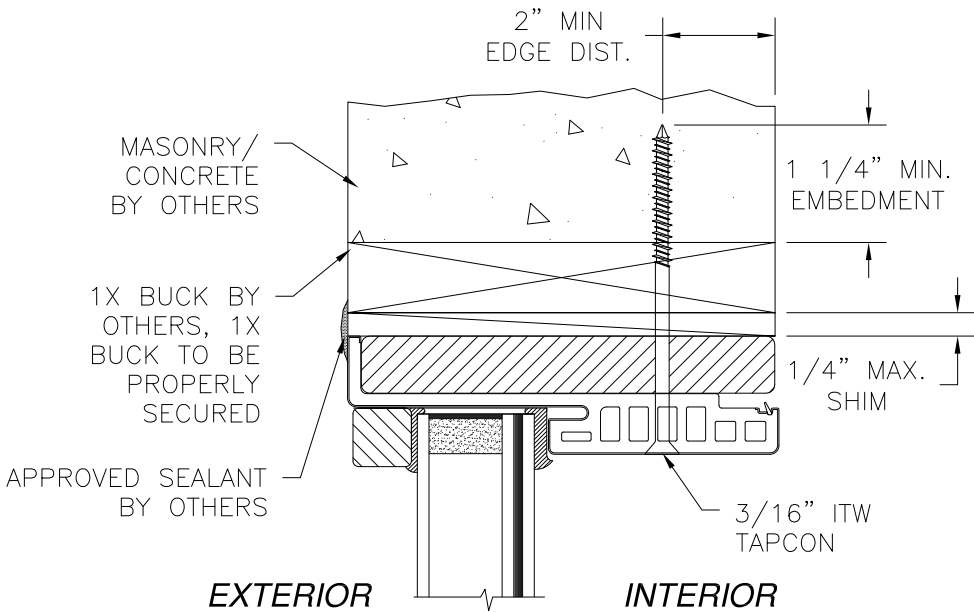
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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

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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 – IMPACT

OUTSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00980

REV E

SCALE NTS

DATE 04/20/10

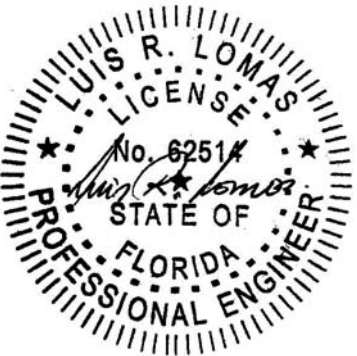
SHEET 27 OF 32

L. ROBERTO LOMAS P.E.

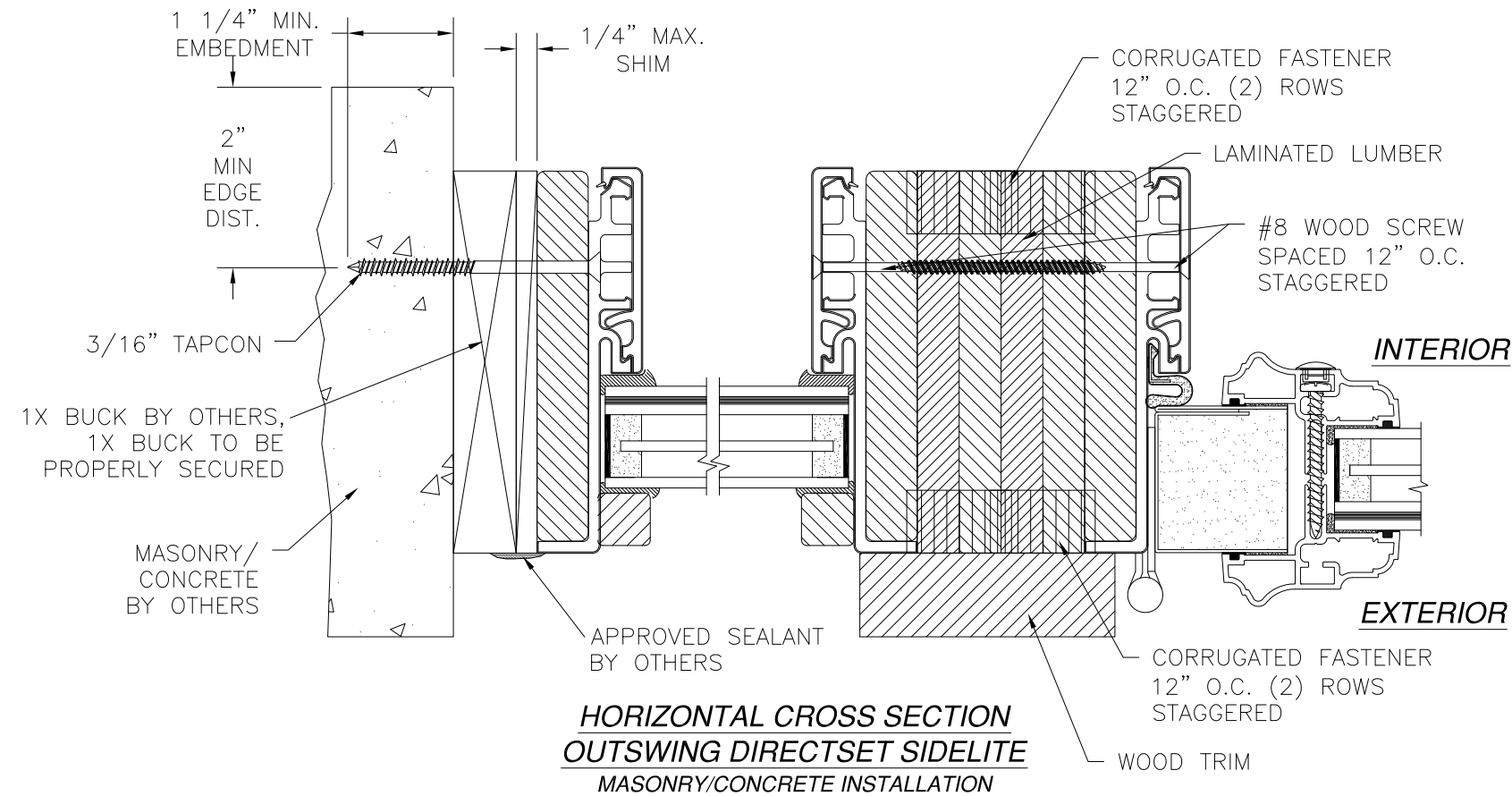
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@rlomaspe.com

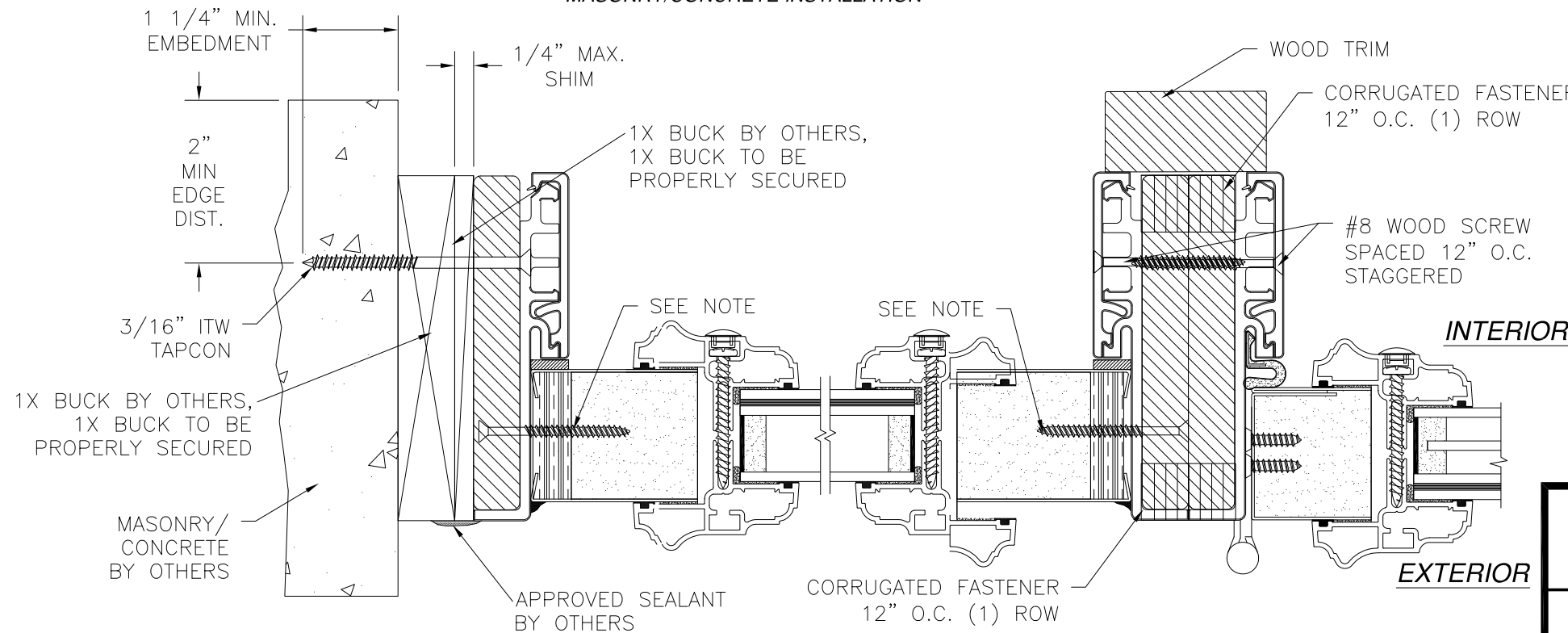
SIGNED: 01/08/2020



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



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



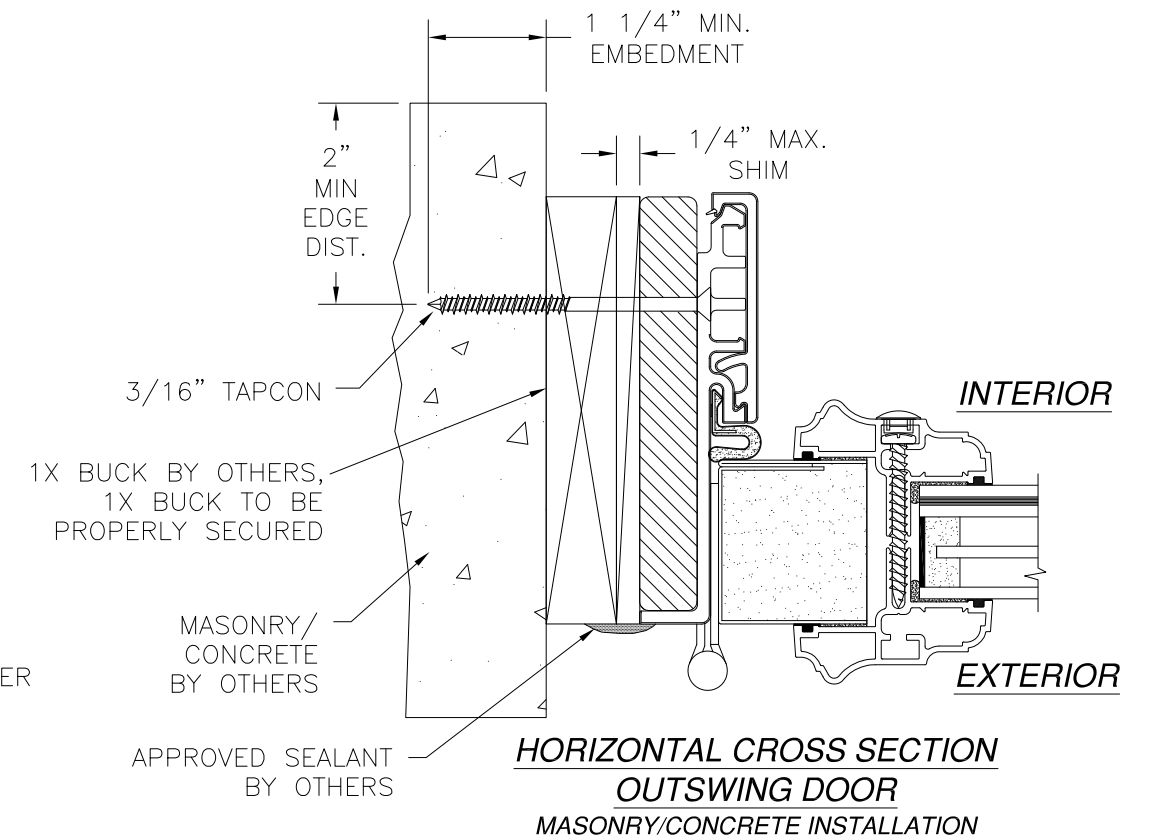
**HORIZONTAL CROSS SECTION  
OUTSWING STANDARD SIDELITE  
MASONRY/CONCRETE INSTALLATION**

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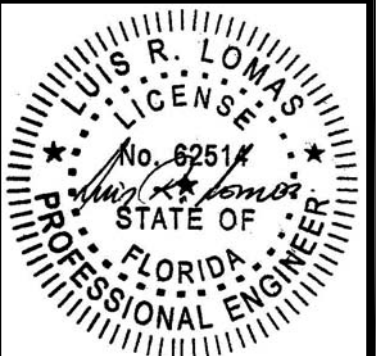
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



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

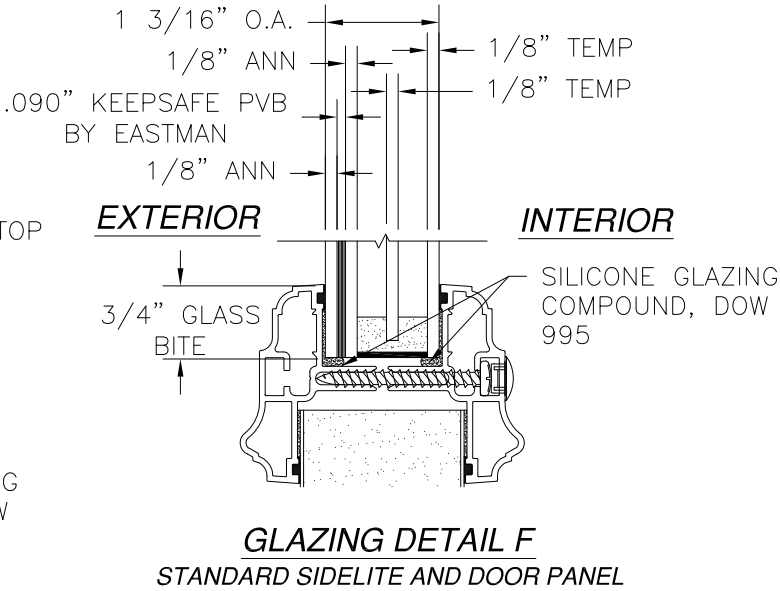
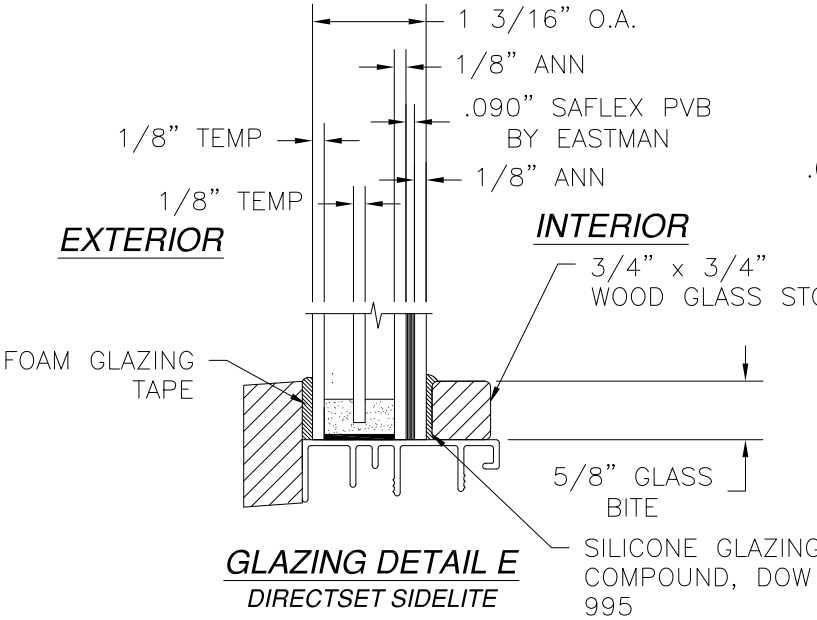
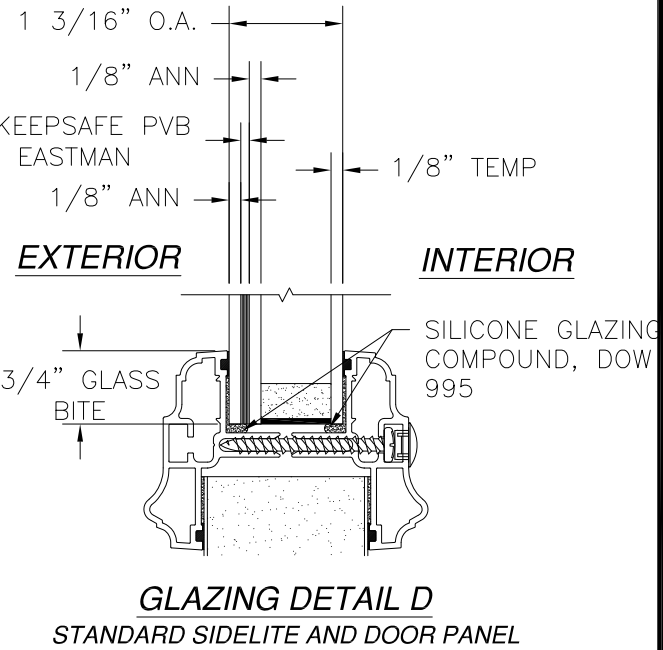
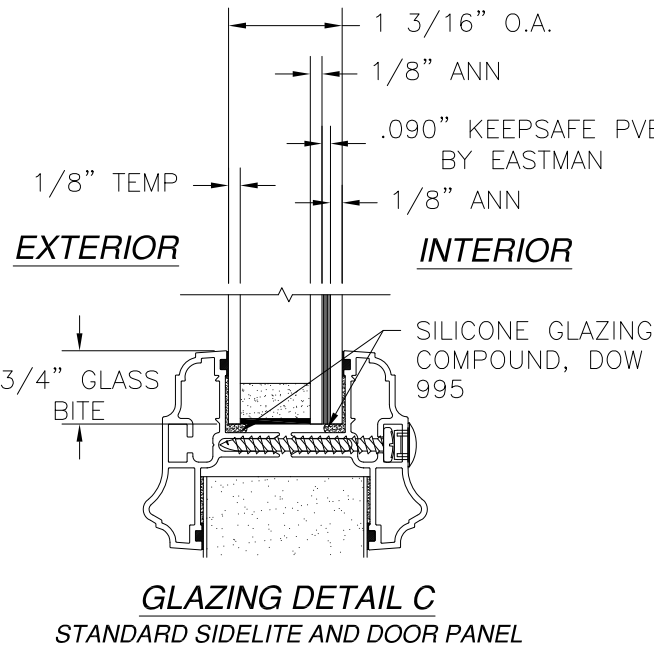
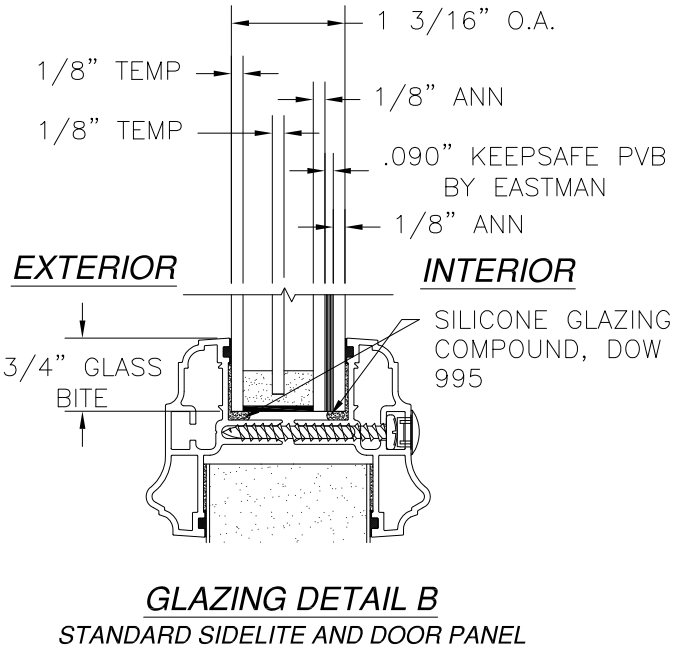
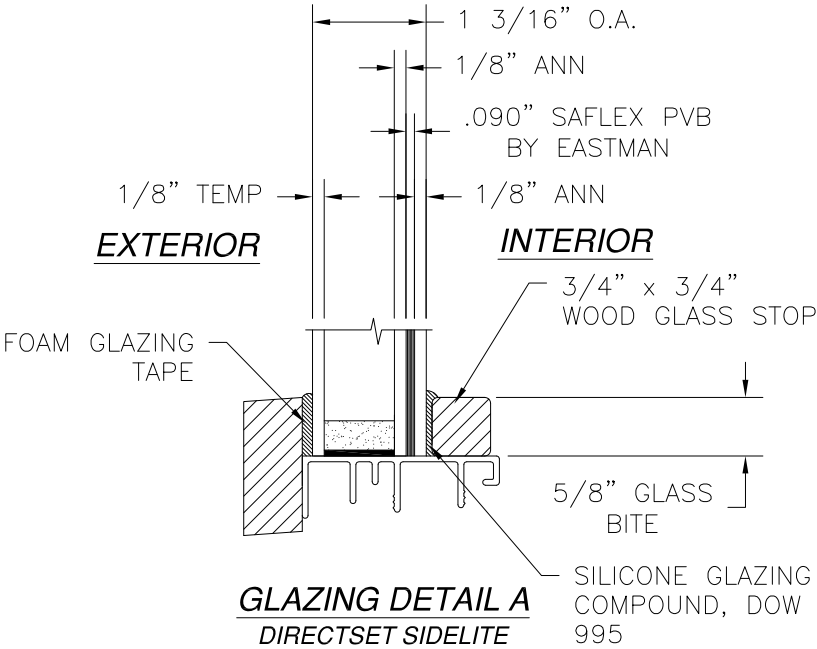
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| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                          |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>OUTSWING INSTALLATION DETAILS W/FUSION FRAME |                     |                |
| DRAWN:<br>TJH                                                                                                    | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                                        | DATE 04/20/10       | SHEET 28 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com              |                     |                |

SIGNED: 01/08/2020



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

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



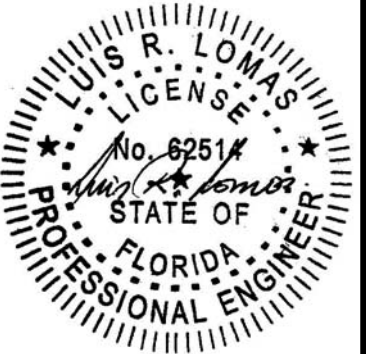
PROVIA, LLC.  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

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

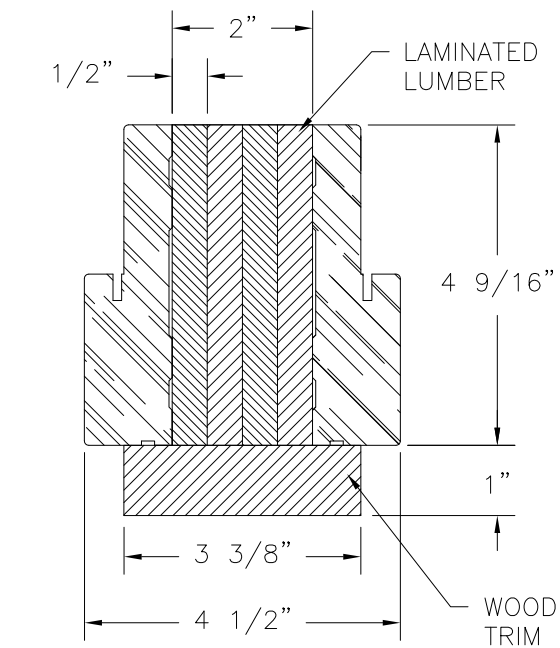
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| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS     | DATE 04/20/10       | SHEET 29 OF 32 |

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

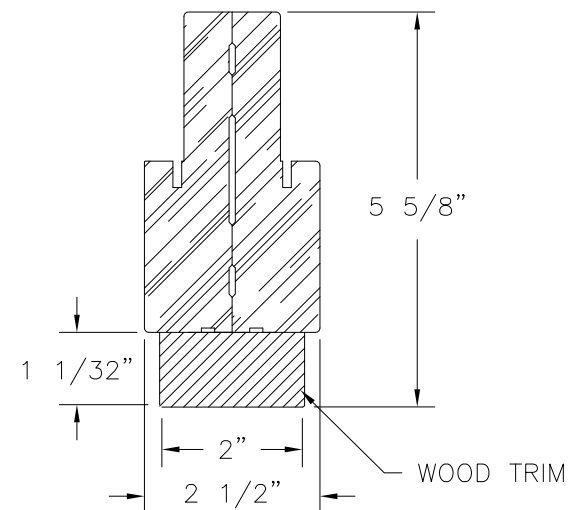
SIGNED: 01/08/2020



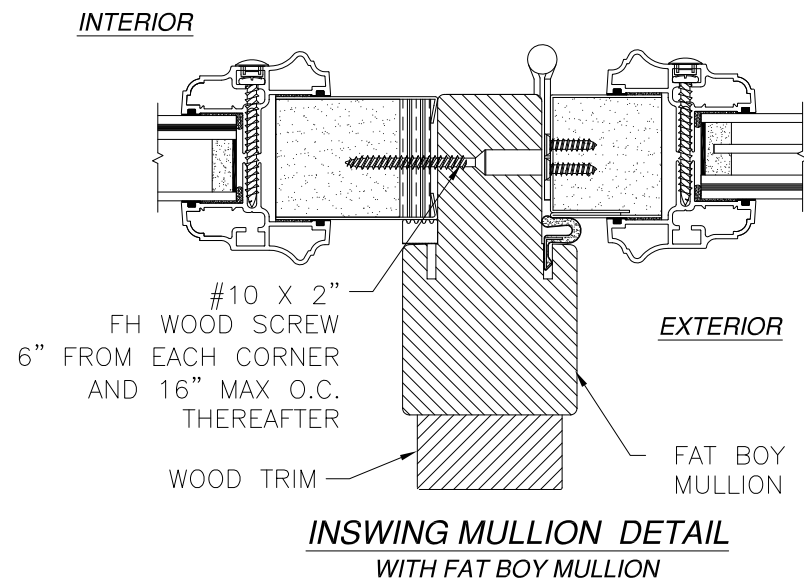
Luis R. Lomas P.E.  
FL No.: 62514



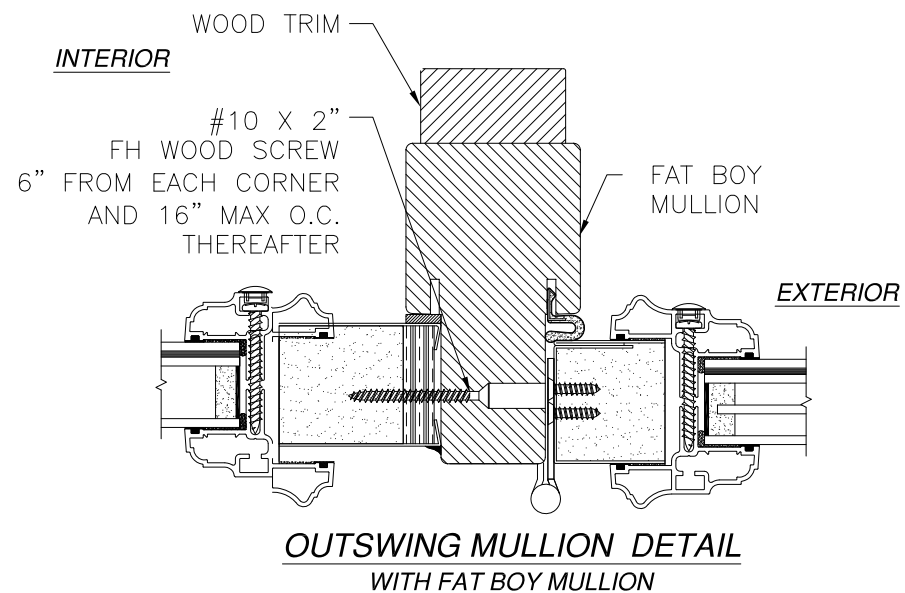
**DIRECT SET MULLION DETAIL**  
STANDARD FRAME SHOWN,  
COMPOSITE AND FUSION FRAME SIMILAR



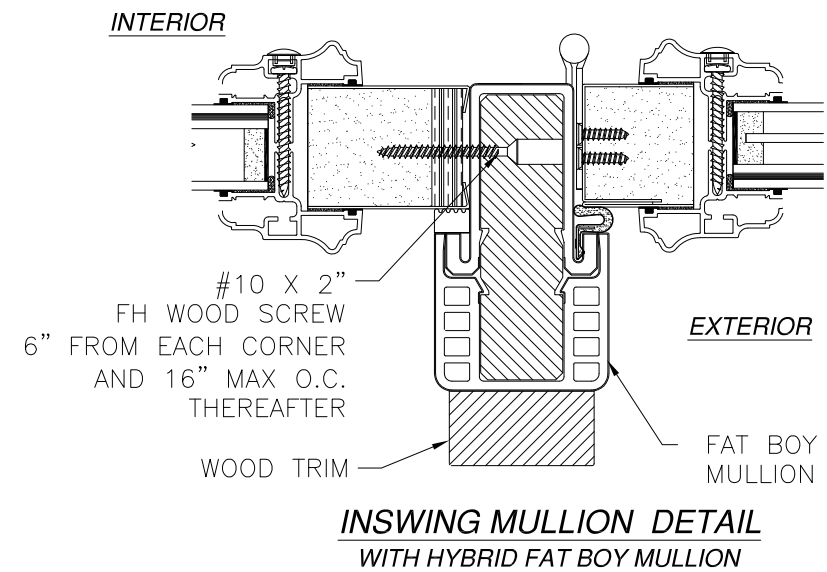
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STANDARD FRAME SHOWN,  
COMPOSITE AND FUSION FRAME SIMILAR



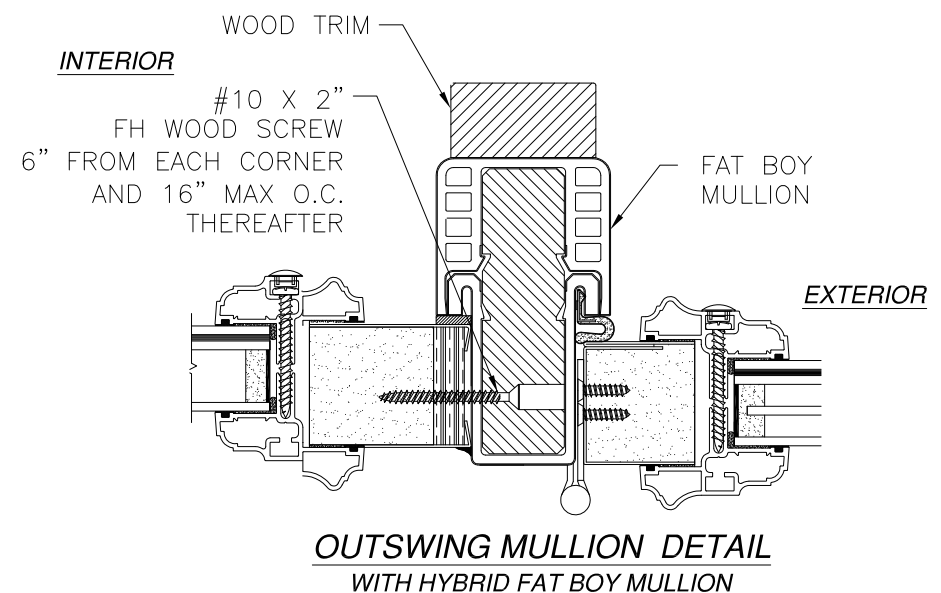
**INSWING MULLION DETAIL**  
WITH FAT BOY MULLION



**OUTSWING MULLION DETAIL**  
WITH FAT BOY MULLION



**INSWING MULLION DETAIL**  
WITH HYBRID FAT BOY MULLION

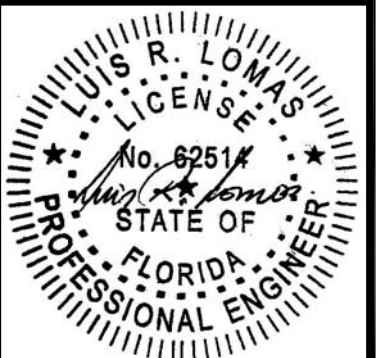


**OUTSWING MULLION DETAIL**  
WITH HYBRID FAT BOY MULLION

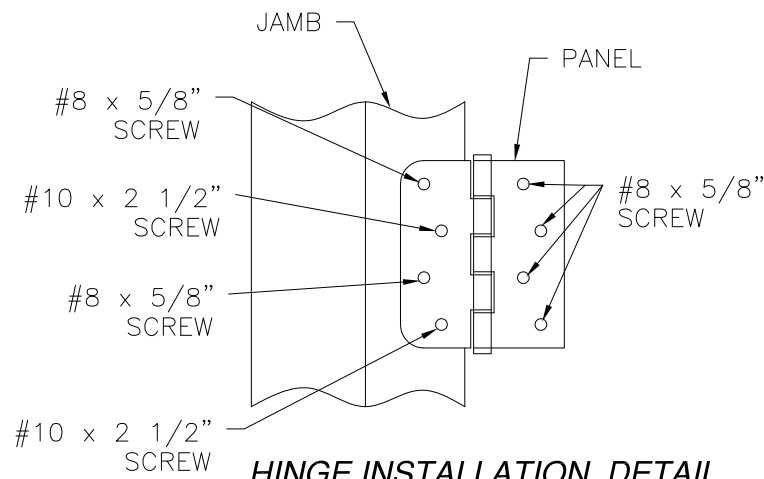
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |

SIGNED: 01/08/2020

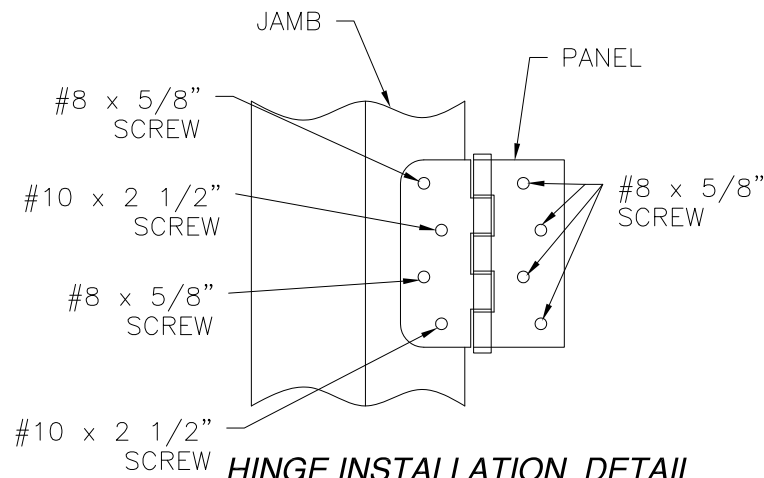
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|-----------------------------------------------------------------------------------------------------|---------------------|----------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                    |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES - IMPACT<br>MULLION DETAILS                 |                     |                |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                           | DATE 04/20/10       | SHEET 30 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com |                     |                |



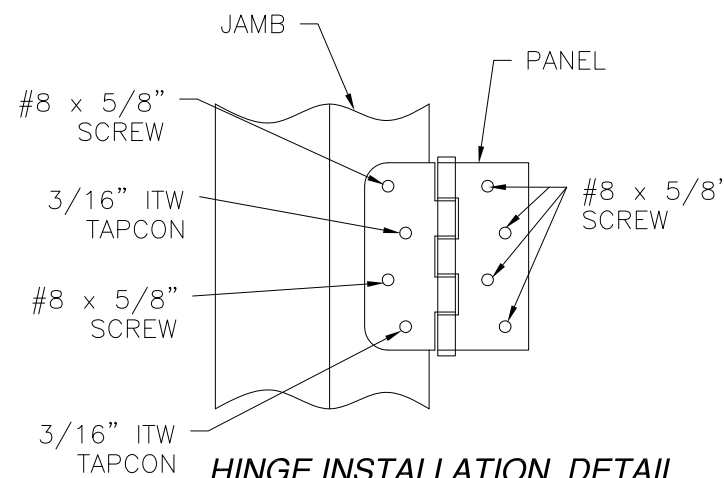
Luis R. Lomas P.E.  
FL No.: 62514



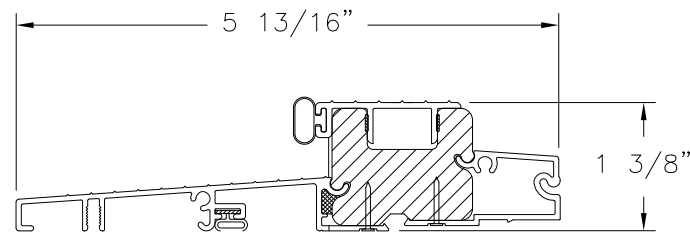
**HINGE INSTALLATION DETAIL**  
2X BUCK/WOOD FRAMING INSTALLATION



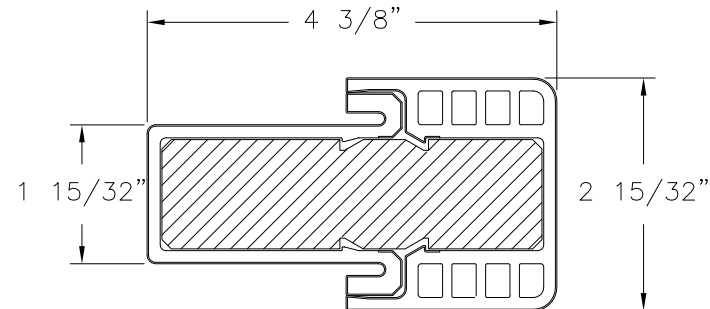
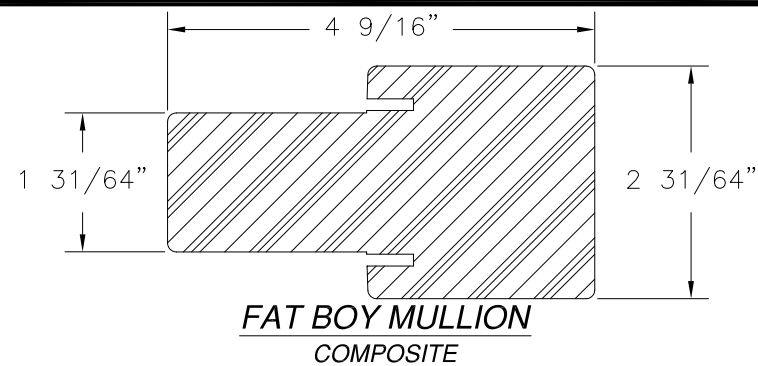
**HINGE INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION



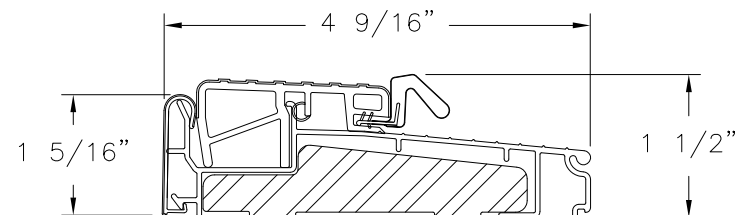
**HINGE INSTALLATION DETAIL**  
MASONRY/CONCRETE INSTALLATION



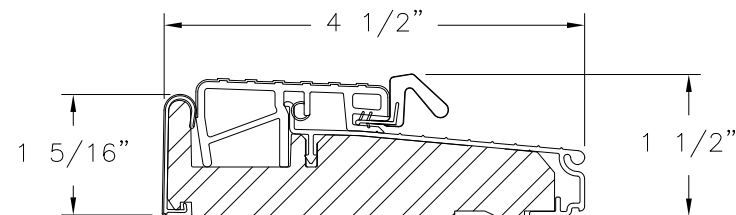
**OUTSWING SILL**



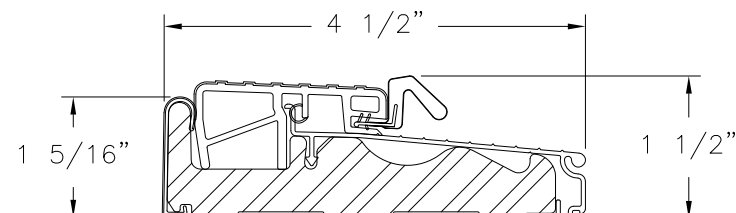
**HYBRID FAT BOY MULLION**  
COMPOSITE



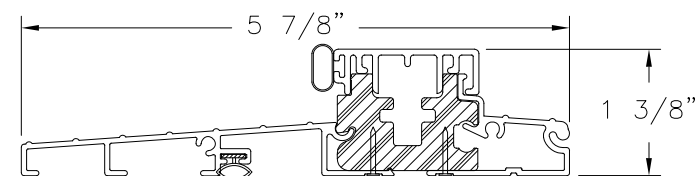
**OUTSWING SILL ZOBL4565**



**OUTSWING SILL ZOB4565F**

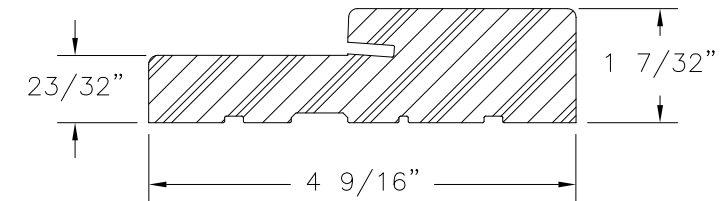


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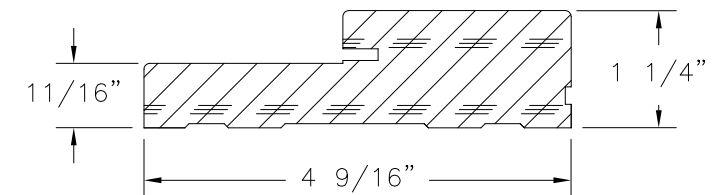


**STANDARD OUTSWING SILL**

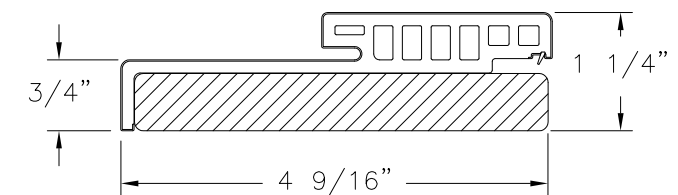
| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



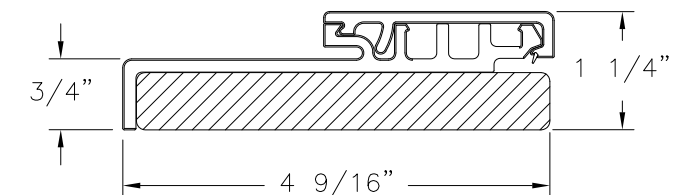
**FRAMESAVER**  
COMPOSITE



**FRAME**  
WOOD G.46 MIN.



**HYBRID HEAD**  
WOOD/COMPOSITE



**HYBRID JAMB**  
WOOD/COMPOSITE

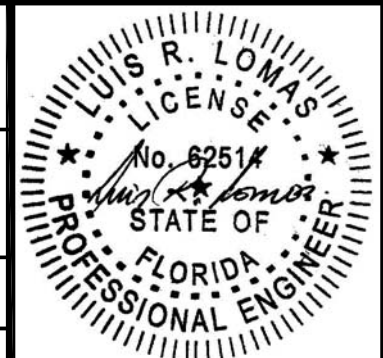
SIGNED: 01/08/2020

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

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

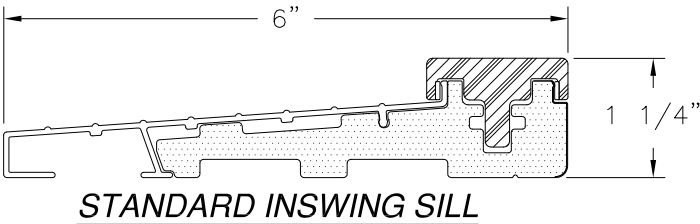
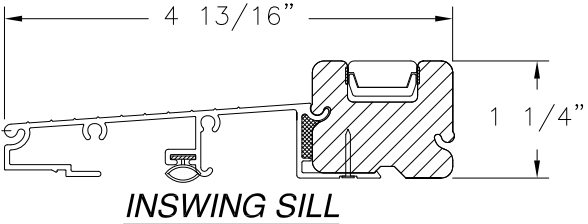
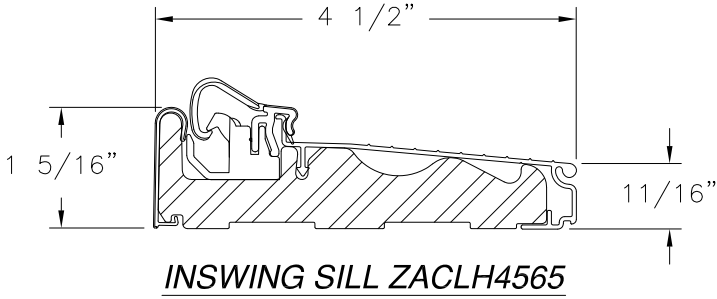
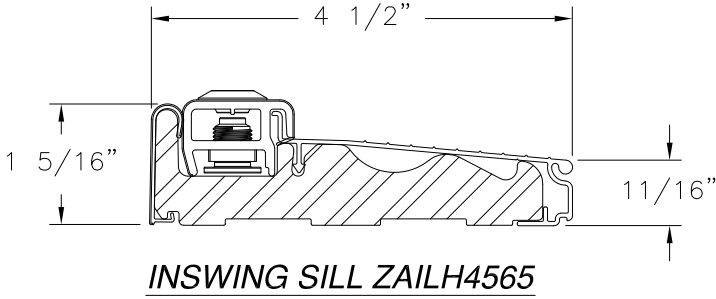
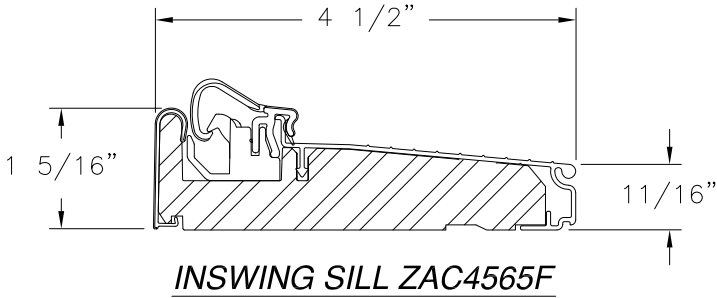
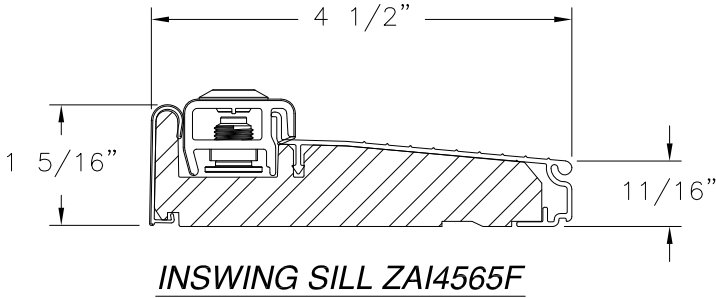
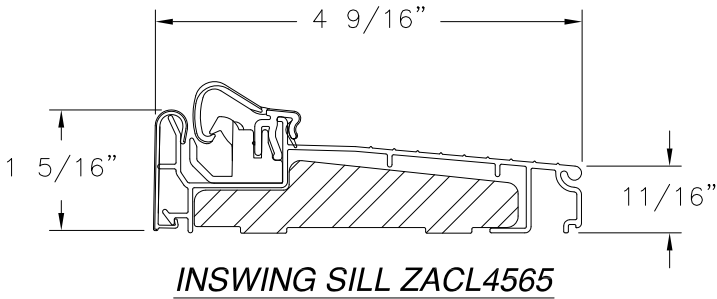
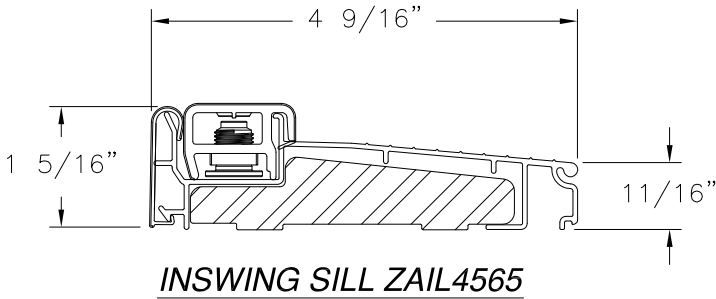
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|---------------|---------------------|----------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS     | DATE 04/20/10       | SHEET 31 OF 32 |

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



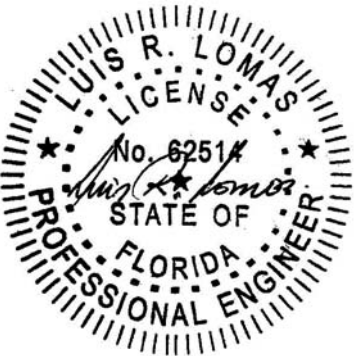
Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV       | DESCRIPTION | DATE       | APPROVED |
| E         | ADDED SILLS | 01/06/2020 | R.L.     |



|                                                                                                     |                     |                |
|-----------------------------------------------------------------------------------------------------|---------------------|----------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                    |                     |                |
| 22GA. STEEL GLAZED DOOR IS/OS<br>W/ AND W/OUT SIDELITES – IMPACT<br>COMPONENTS                      |                     |                |
| DRAWN:<br>TJH                                                                                       | DWG NO.<br>08-00980 | REV<br>E       |
| SCALE NTS                                                                                           | DATE 04/20/10       | SHEET 32 OF 32 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@rlomaspe.com |                     |                |

SIGNED: 01/08/2020



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