

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |

NOTES:

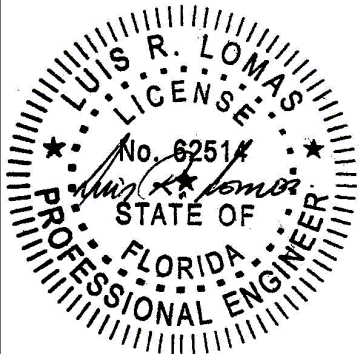
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" 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. 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 UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: WOOD G .46 MINIMUM OR FRAMESAVER, OR FUSION FRAME.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 17 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. 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.
16. 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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 OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM
19. DOOR PANEL MATERIAL: 20GA. STEEL SKIN WITH .054" STEEL TOP AND BOTTOM RAILS.
20. UNITS MAY BE INSTALLED WITH EITHER SCHLAGE F-SERIES DOOR KNOB AND 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 2 FOR APPROVED HARDWARE.

| TABLE OF CONTENTS |                                        |
|-------------------|----------------------------------------|
| SHEET NO.         | DESCRIPTION                            |
| 1                 | NOTES                                  |
| 2 - 3             | ELEVATIONS AND APPROVED CONFIGURATIONS |
| 4                 | ANCHORING LAYOUTS                      |
| 5 - 16            | INSTALLATION DETAILS                   |
| 17 - 19           | COMPONENTS AND DETAILS                 |

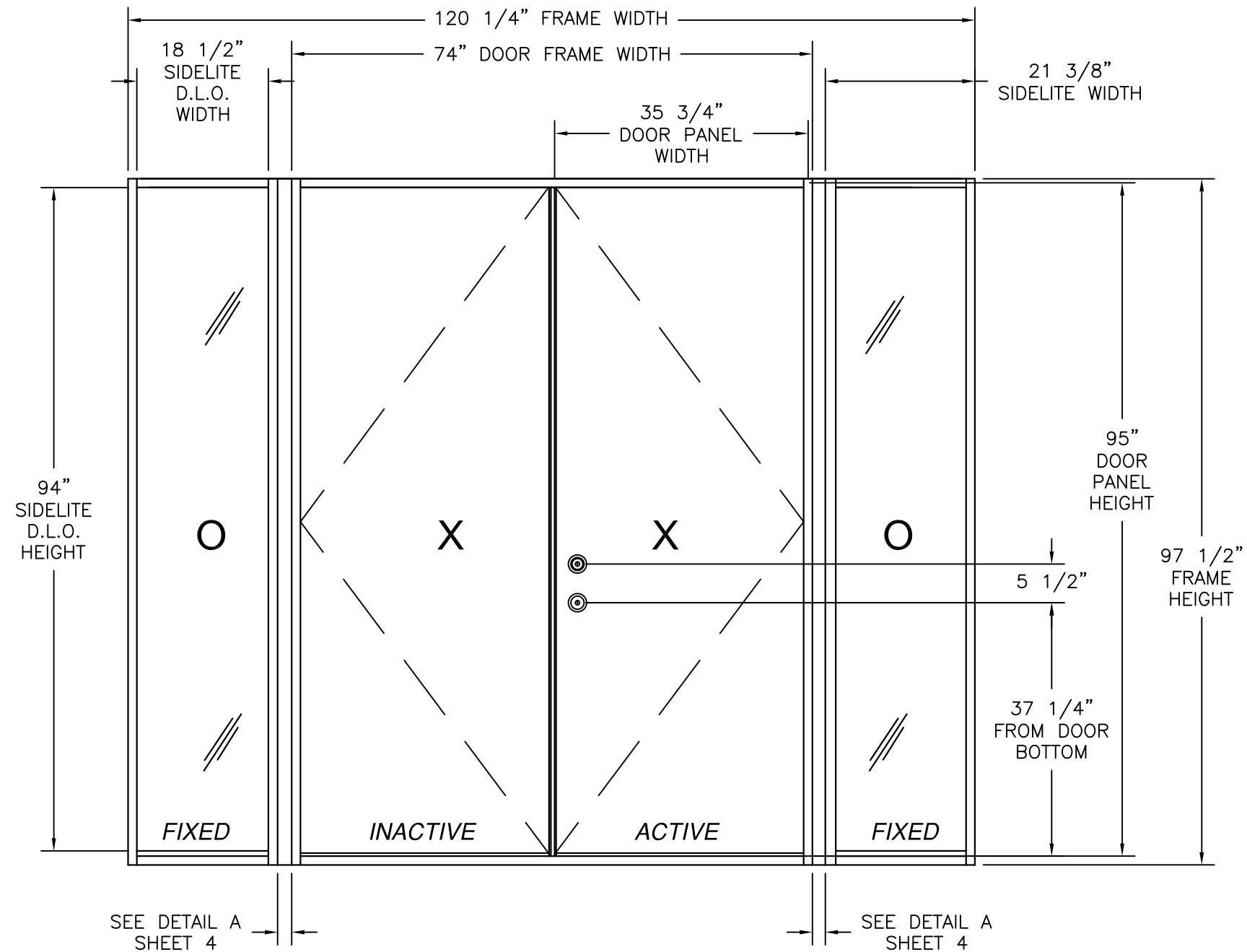
|                                                                                                   |                     |               |
|---------------------------------------------------------------------------------------------------|---------------------|---------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                  |                     |               |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>NOTES                                         |                     |               |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F      |
| SCALE NTS                                                                                         | DATE 02/15/10       | SHEET 1 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |               |

SIGNED: 09/28/2026



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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



| 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.                  |

20GA. STEEL INSWING DOUBLE DOOR W/SIDELITES  
EXTERIOR VIEW

| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| +45.0/-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 SHOWN, OTHER SIZES APPROVED AS LONG AS INDIVIDUAL  
PANEL AREA DOES NOT EXCEED 23.58 FT<sup>2</sup>  
AND SIDELITE PANELS DO NOT EXCEED INDIVIDUAL PANEL AREA OF 14.47 FT<sup>2</sup>

SIGNED: 09/28/2026

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

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
INSWING ELEVATION & HARDWARE SCHEDULE

DRAWN:  
TJH

DWG NO.  
08-00950

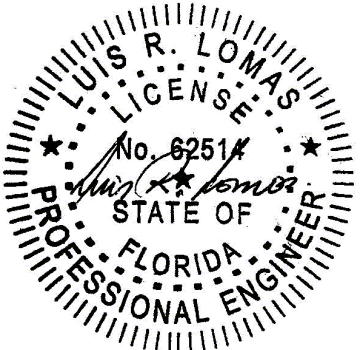
REV  
F

SCALE  
NTS

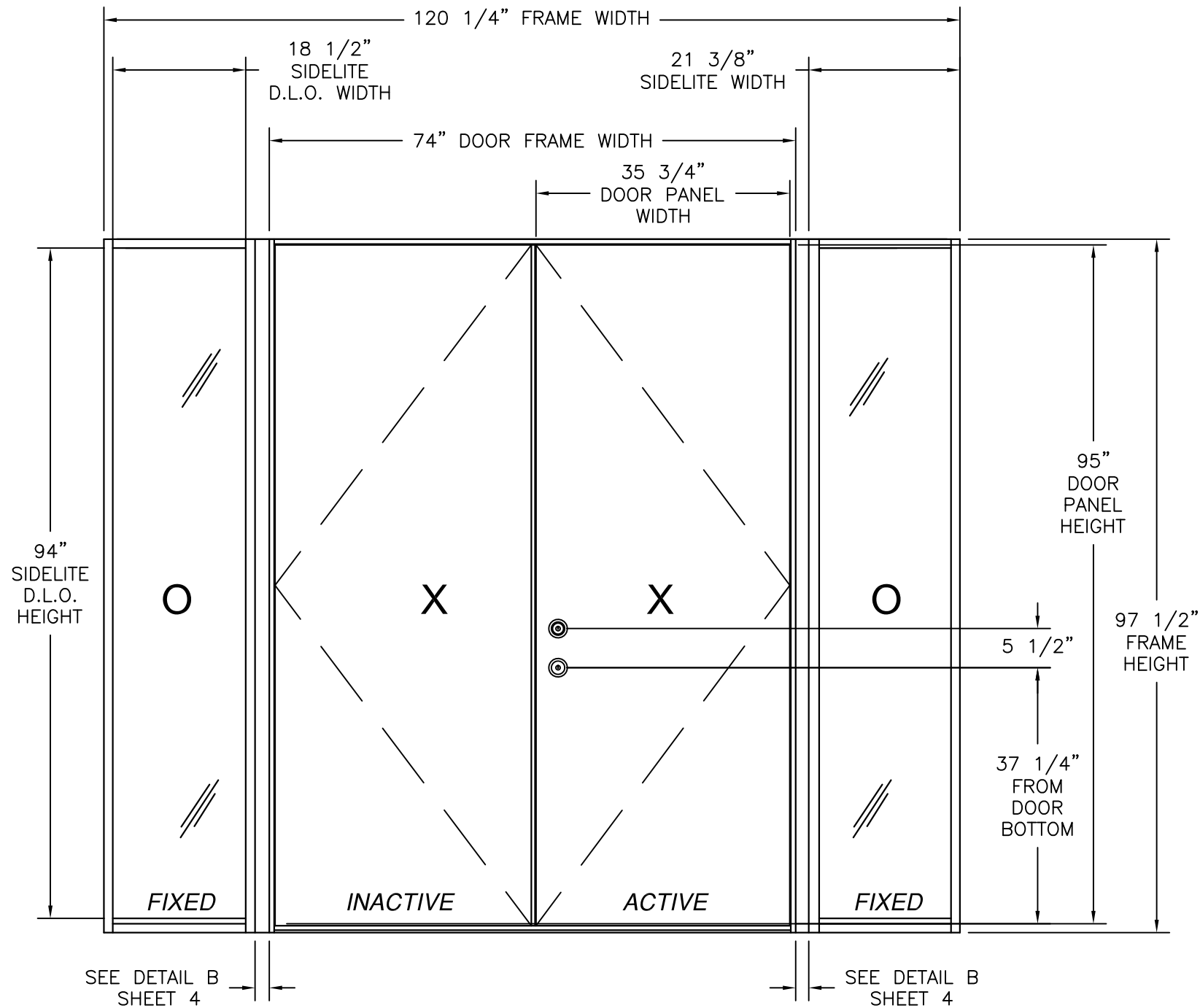
DATE  
02/15/10

SHEET  
2 OF 19

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



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



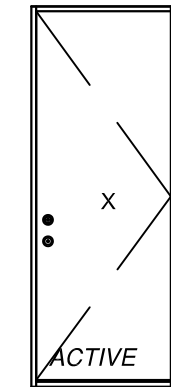
20GA. STEEL OUTSWING DOUBLE DOOR W/SIDELITES  
EXTERIOR VIEW

| DESIGN PRESSURE RATING                                                                                                  | IMPACT RATING                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| +45.0/-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 |                                |

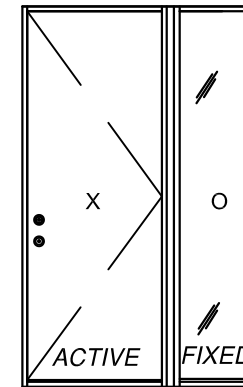
FOR ADDITIONAL APPROVED CONFIGURATIONS SEE SHEET 3.  
35 3/4" X 95" PANEL SHOWN, OTHER SIZES APPROVED AS LONG AS INDIVIDUAL  
PANEL AREA DOES NOT EXCEED 23.58 FT<sup>2</sup>  
AND SIDELITE PANELS DO NOT EXCEED INDIVIDUAL PANEL AREA OF 14.47 FT<sup>2</sup>

NOTE:  
APPROVED CONFIGURATIONS MAY BE INSWING  
OR OUTSWING RIGHT HAND ACTIVE OR LEFT  
HAND ACTIVE.

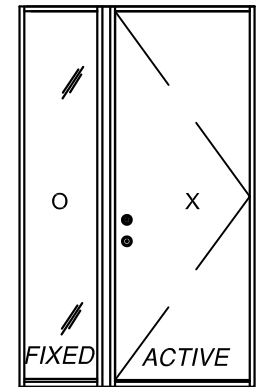
| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



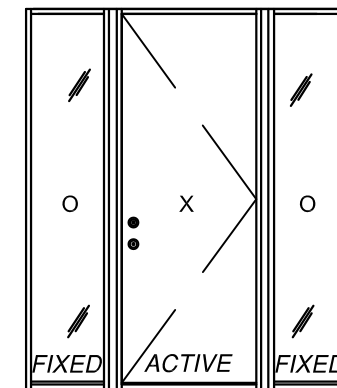
SINGLE  
EXTERIOR VIEW



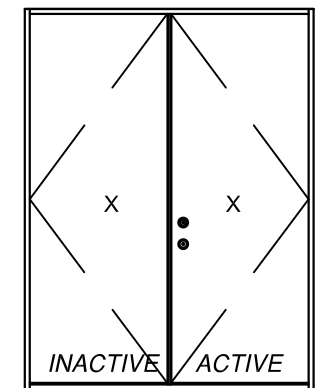
SINGLE W/SIDELITE  
EXTERIOR VIEW



SINGLE W/SIDELITE  
EXTERIOR VIEW



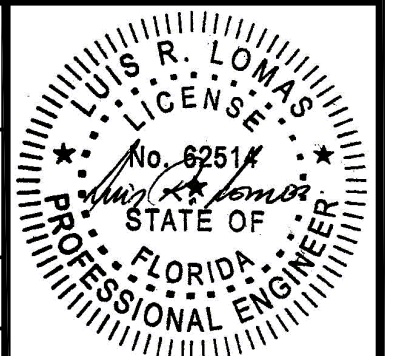
SINGLE W/SIDELITES  
EXTERIOR VIEW



DOUBLE  
EXTERIOR VIEW

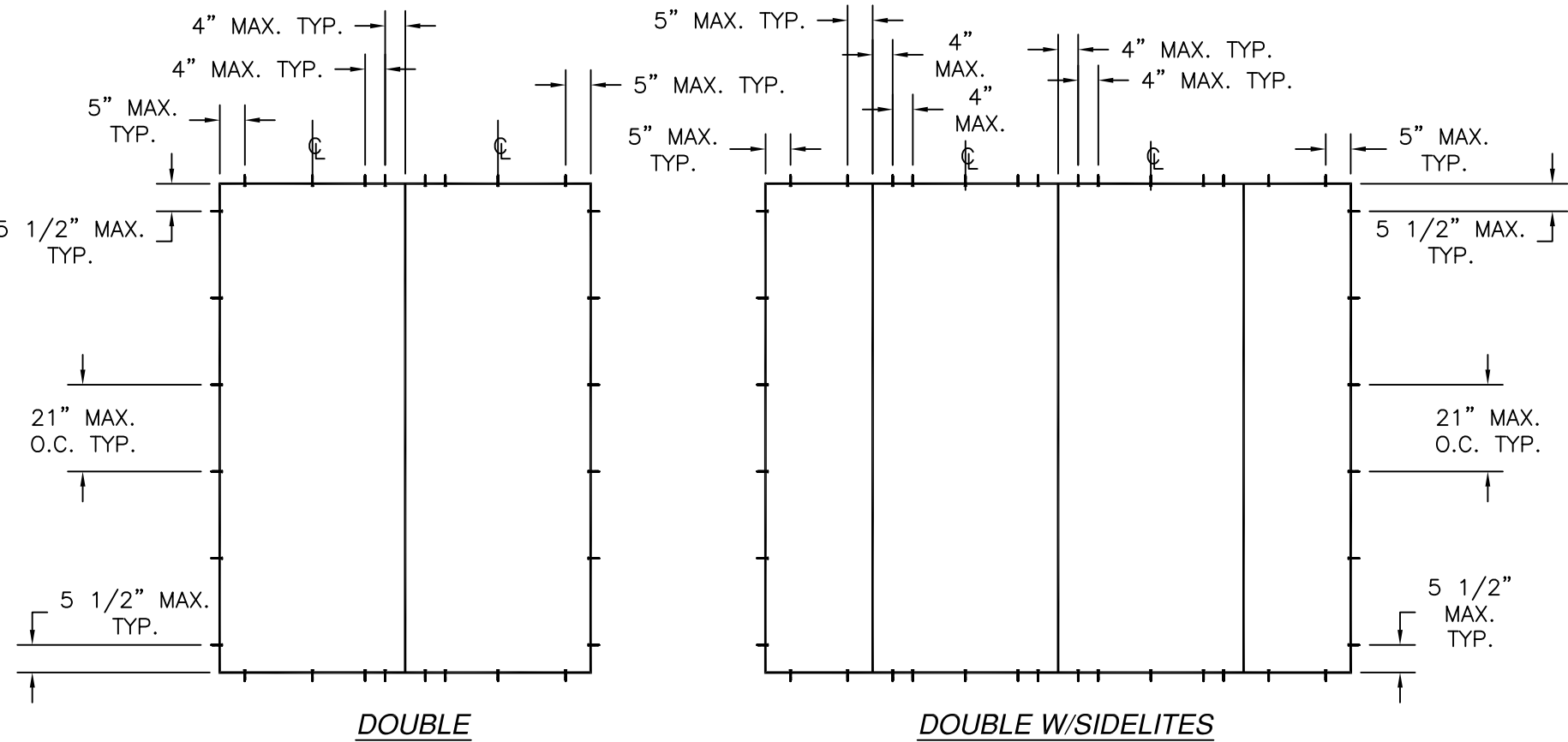
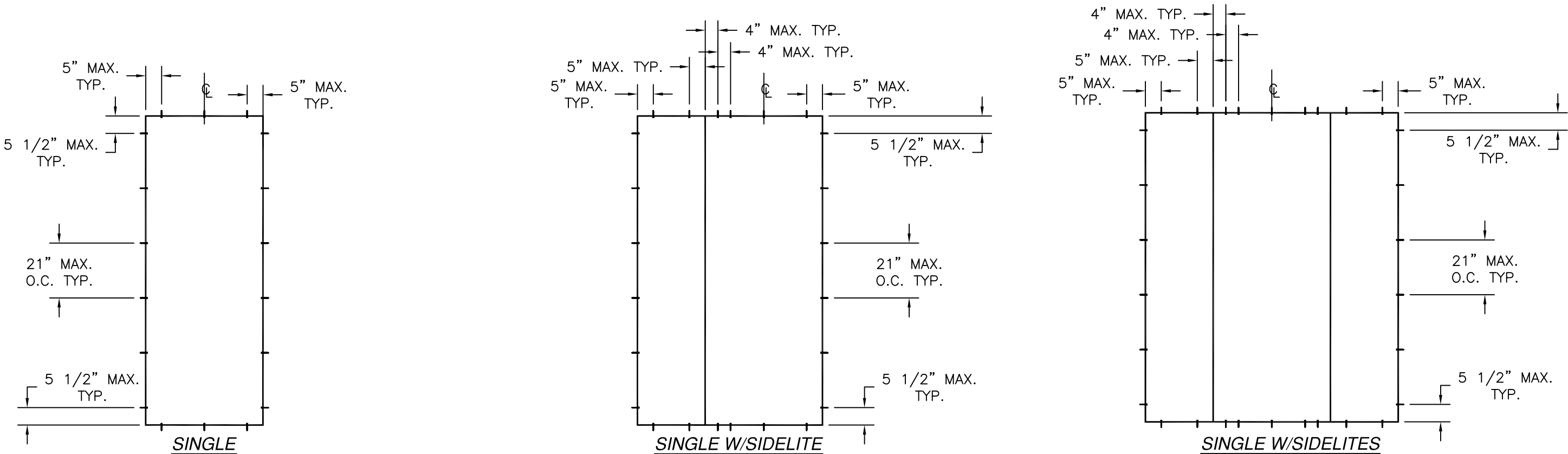
SIGNED: 09/28/2026

|                                                                                                   |                     |                  |
|---------------------------------------------------------------------------------------------------|---------------------|------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                  |                     |                  |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>OUTSWING ELEVATION & APPROVED CONFIGURATIONS  |                     |                  |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F         |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>3 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                  |



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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



| Anchors and anchor connectors corrosion resistance chart |                                                        |                                                        |
|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Exposure                                                 | Distance from coastal shoreline                        |                                                        |
|                                                          | 0' up to 300'                                          | >300' up to 3000'                                      |
| Exterior - partially sheltered                           | 304 or A305 or 306 Stainless steel per ASTM A240       | Galvanized per ASTM A153 class D or ASTM A641 class 3S |
| Exterior - open exposed                                  | 304 or A305 or 306 Stainless steel per ASTM A240       | Galvanized per ASTM A153 class D or ASTM A641 class 3S |
| Unconditioned interior-vented enclosed                   | Galvanized per ASTM A153 class D or ASTM A641 class 3S | Galvanized per ASTM A153 class D or ASTM A641 class 3S |
| Unconditioned interior-unvented enclosed                 | Galvanized per ASTM A153 class D or ASTM A641 class 3S | Galvanized per ASTM A153 class D or ASTM A641 class 3S |

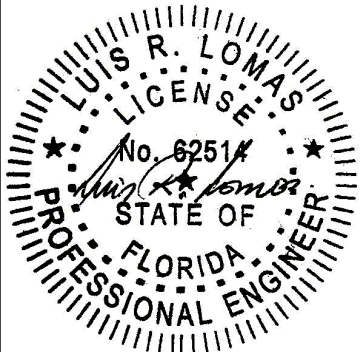
SIGNED: 09/28/2026

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

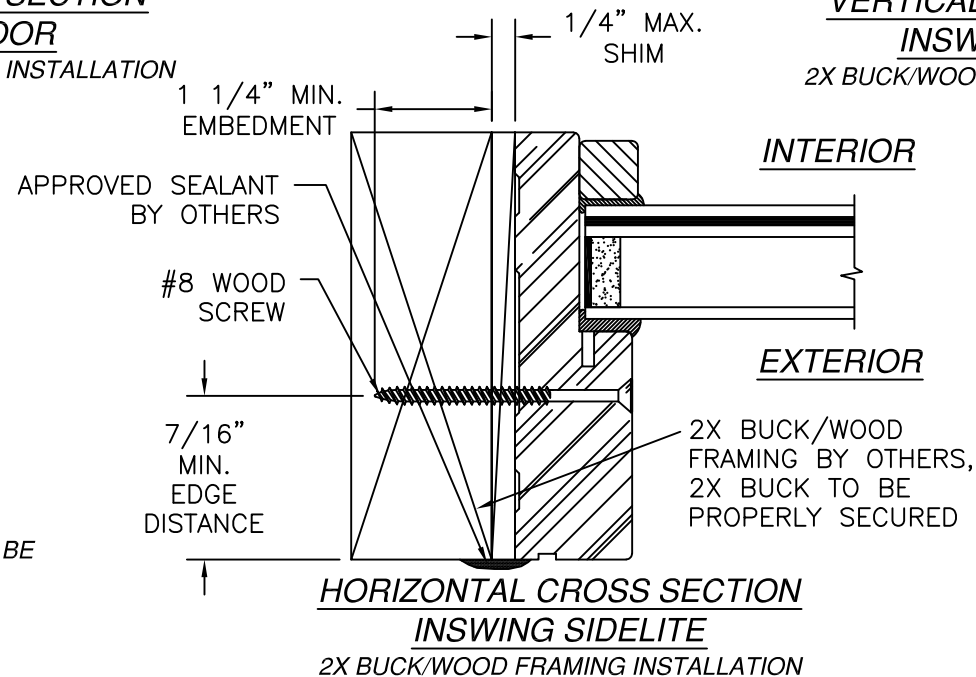
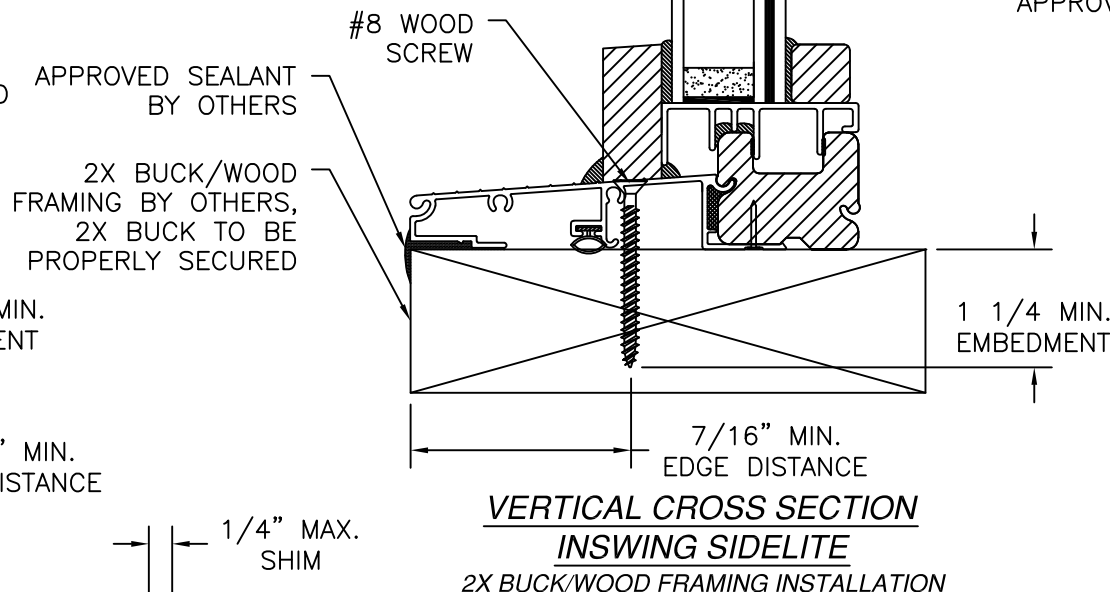
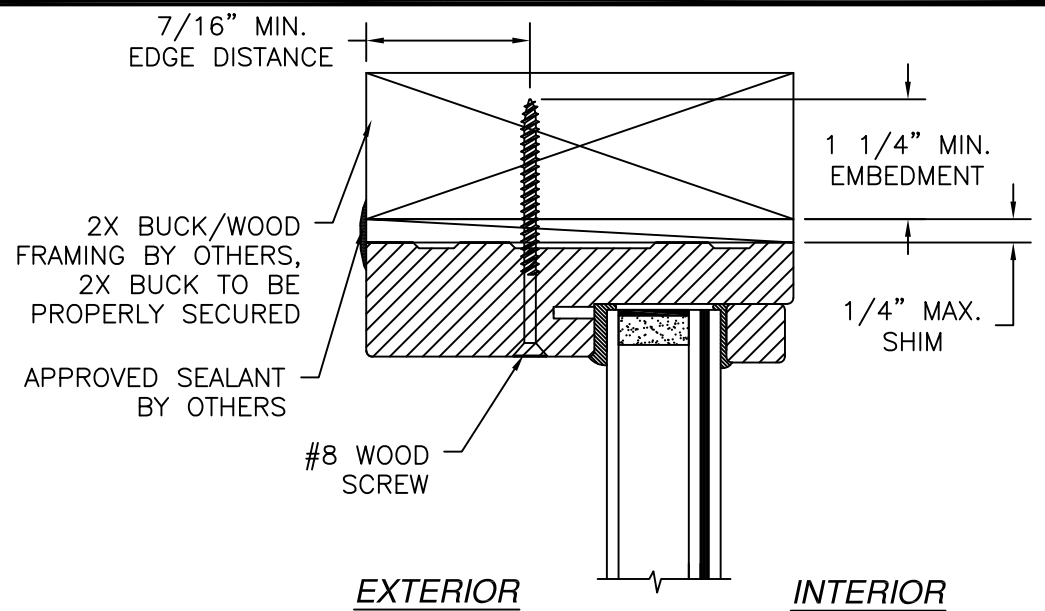
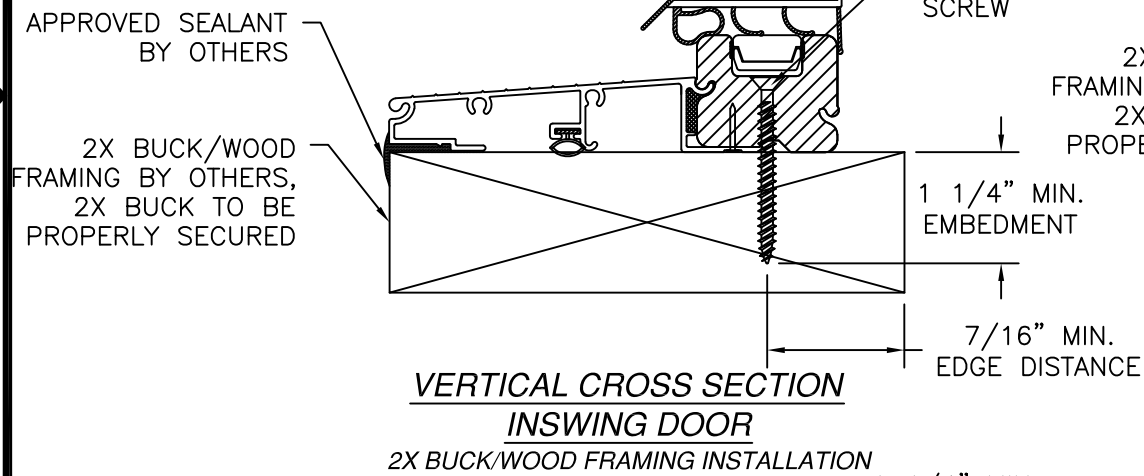
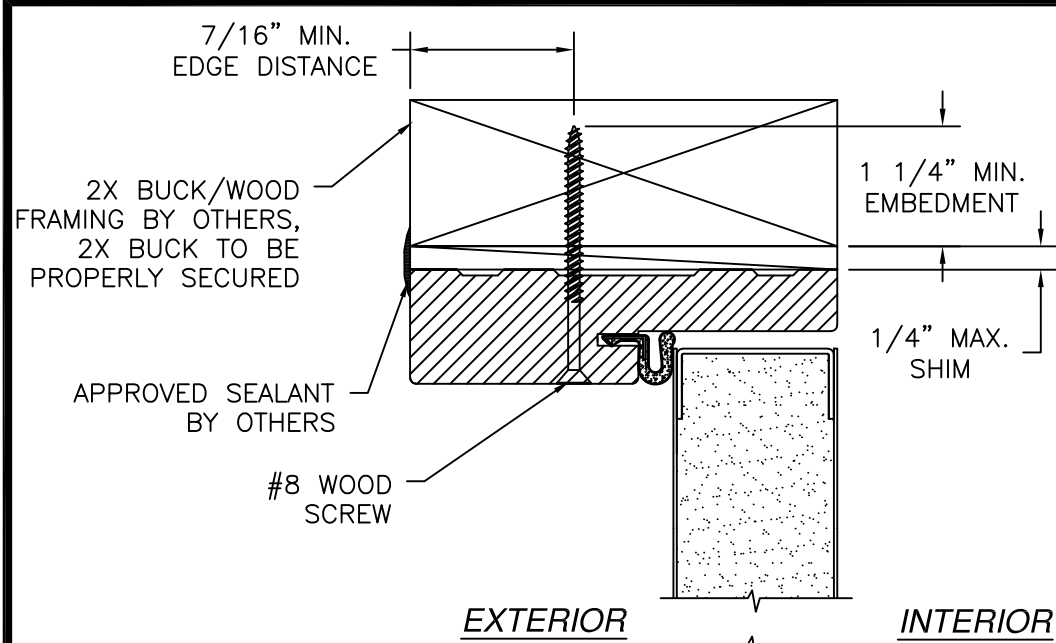
20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
ANCHORING LAYOUTS

|               |                     |                  |
|---------------|---------------------|------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00950 | REV<br>F         |
| SCALE<br>NTS  | DATE<br>02/15/10    | SHEET<br>4 OF 19 |

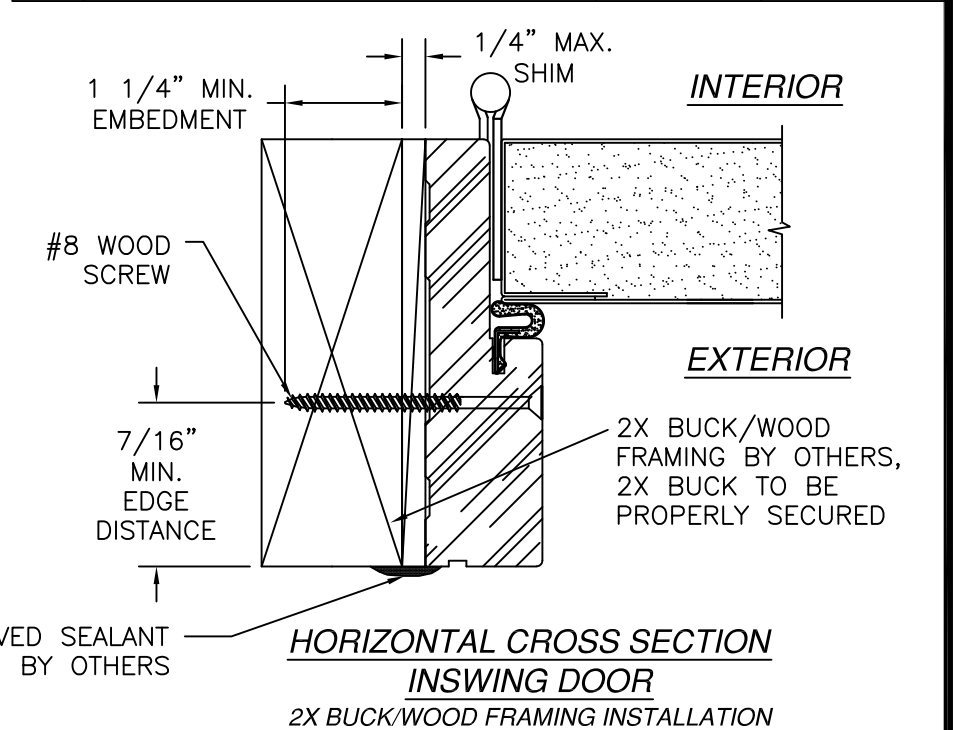
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com



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



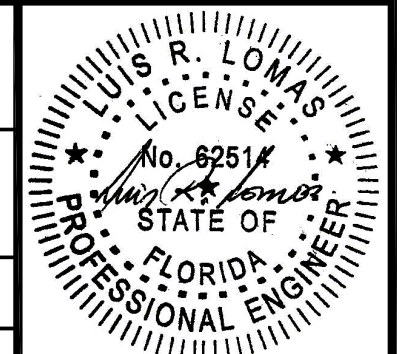
| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



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

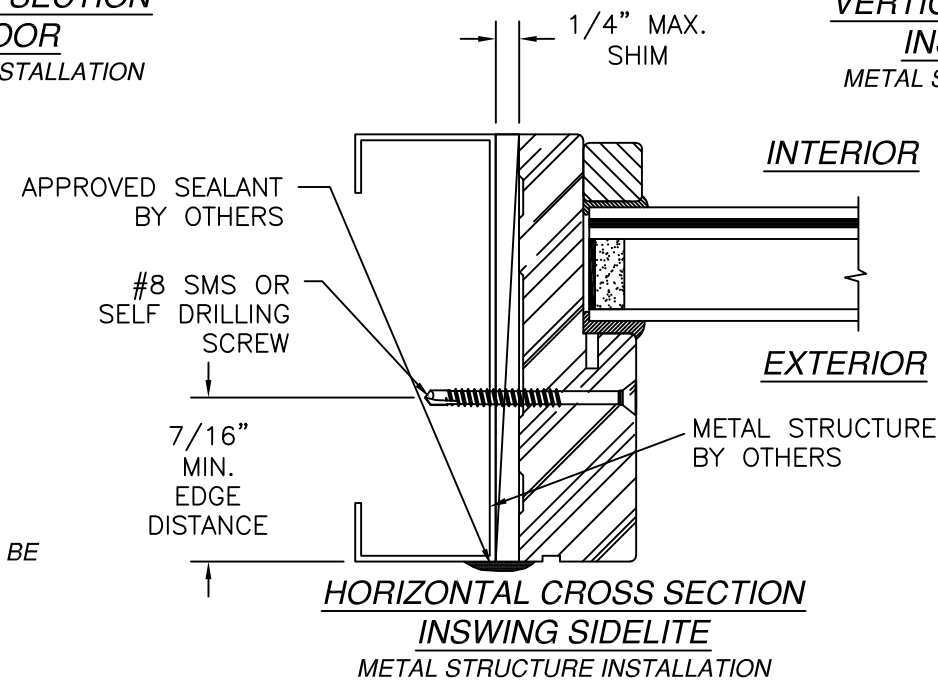
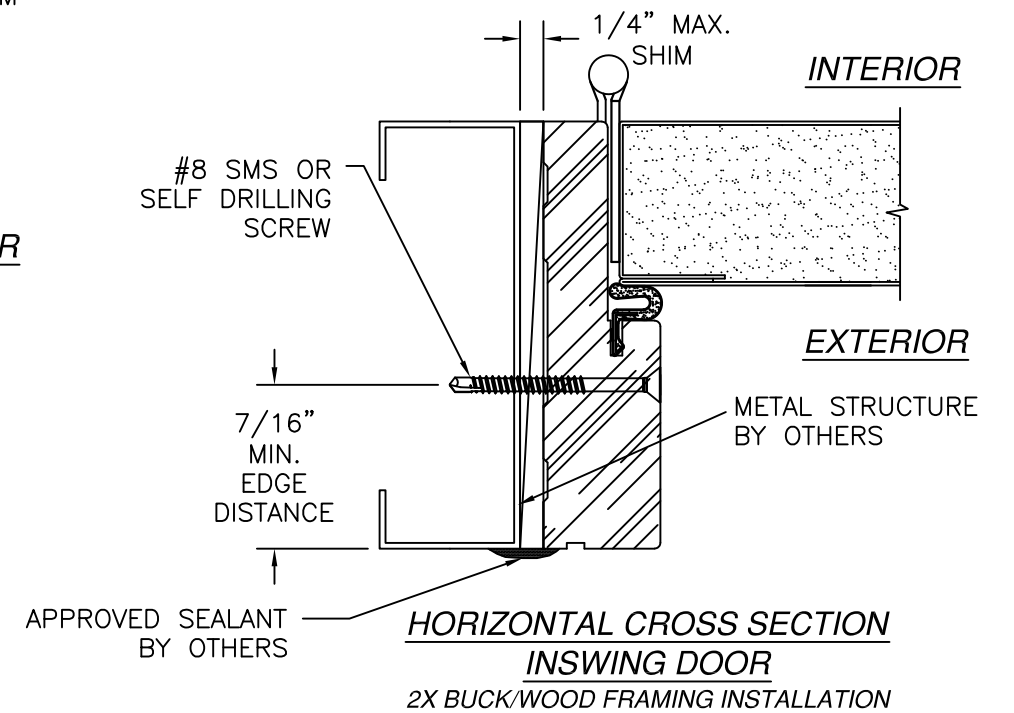
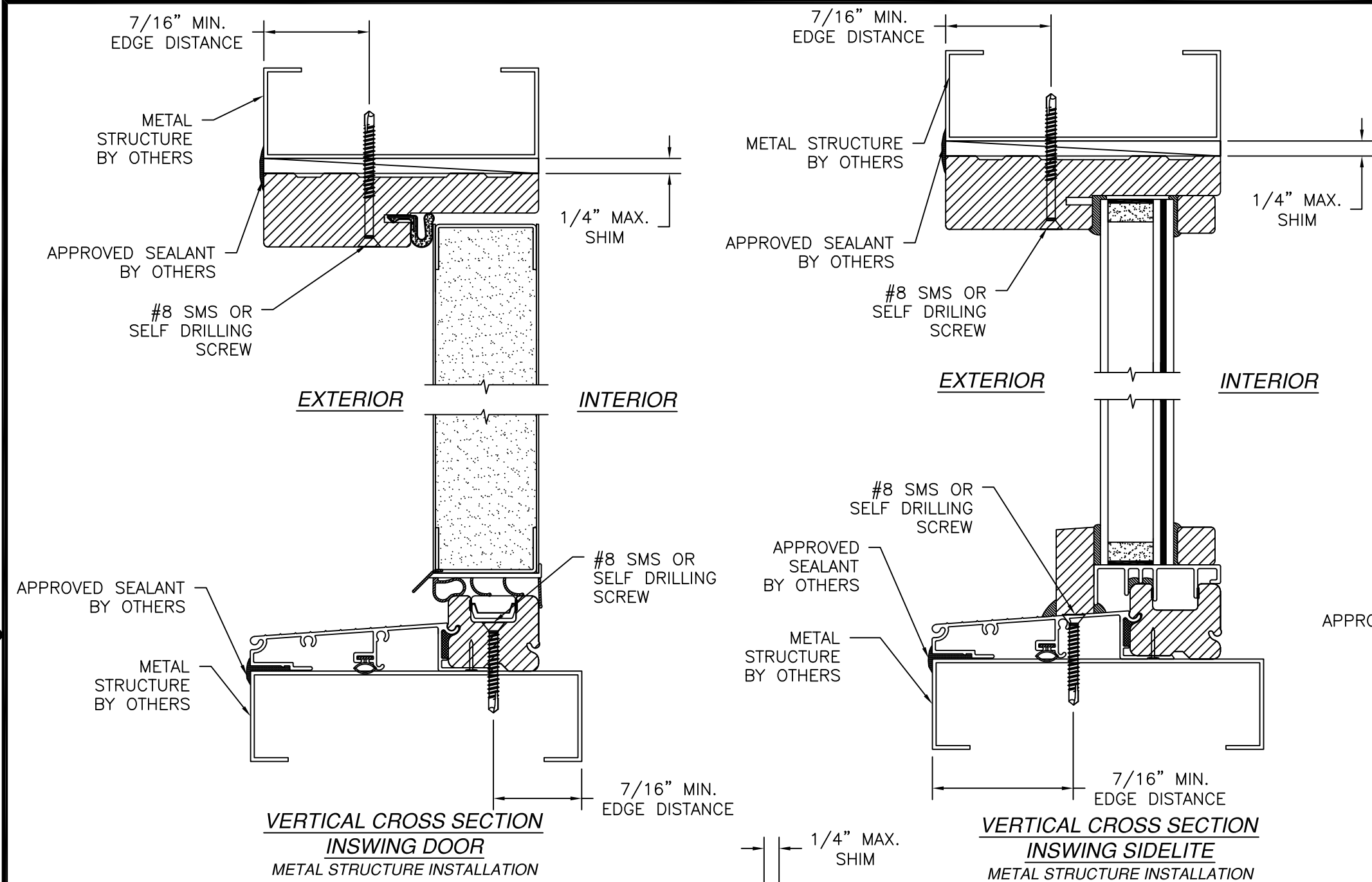
|                                                                                                   |                     |                  |
|---------------------------------------------------------------------------------------------------|---------------------|------------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                           |                     |                  |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>INSWING INSTALLATION DETAILS                  |                     |                  |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F         |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>5 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                  |

SIGNED: 09/28/2026



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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



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

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
INSWING INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

DATE 02/15/10

SHEET 6 OF 19

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/28/2026

LUIS R. LOMAS

LICENS. M. S.

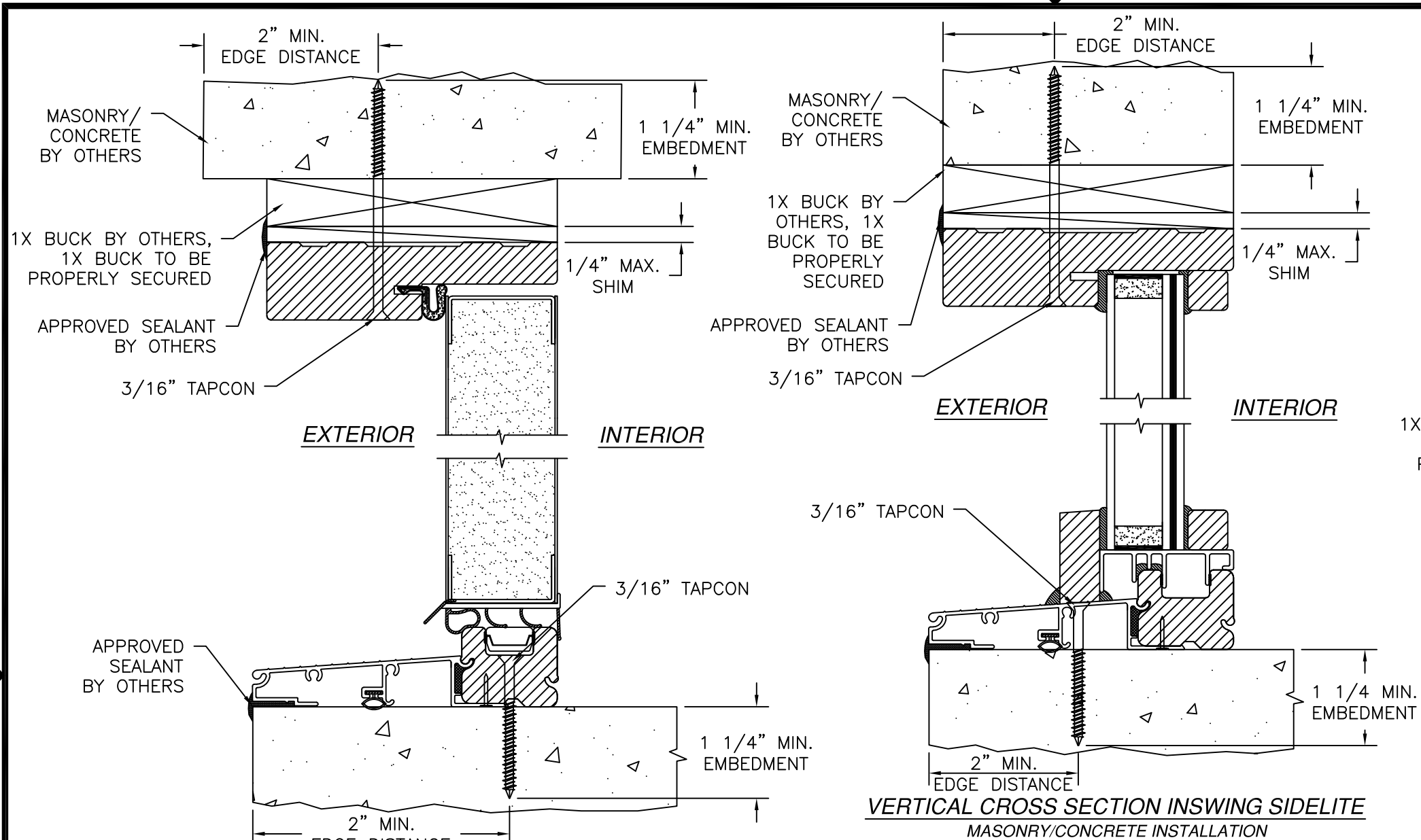
No. 62514

STATE OF FLORIDA

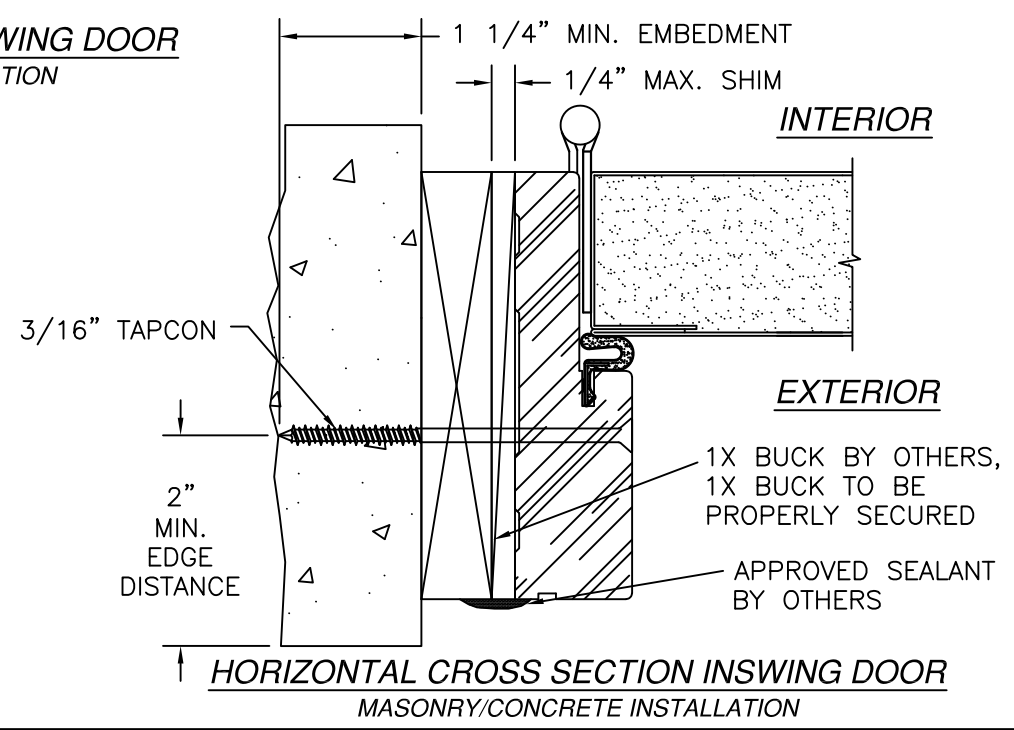
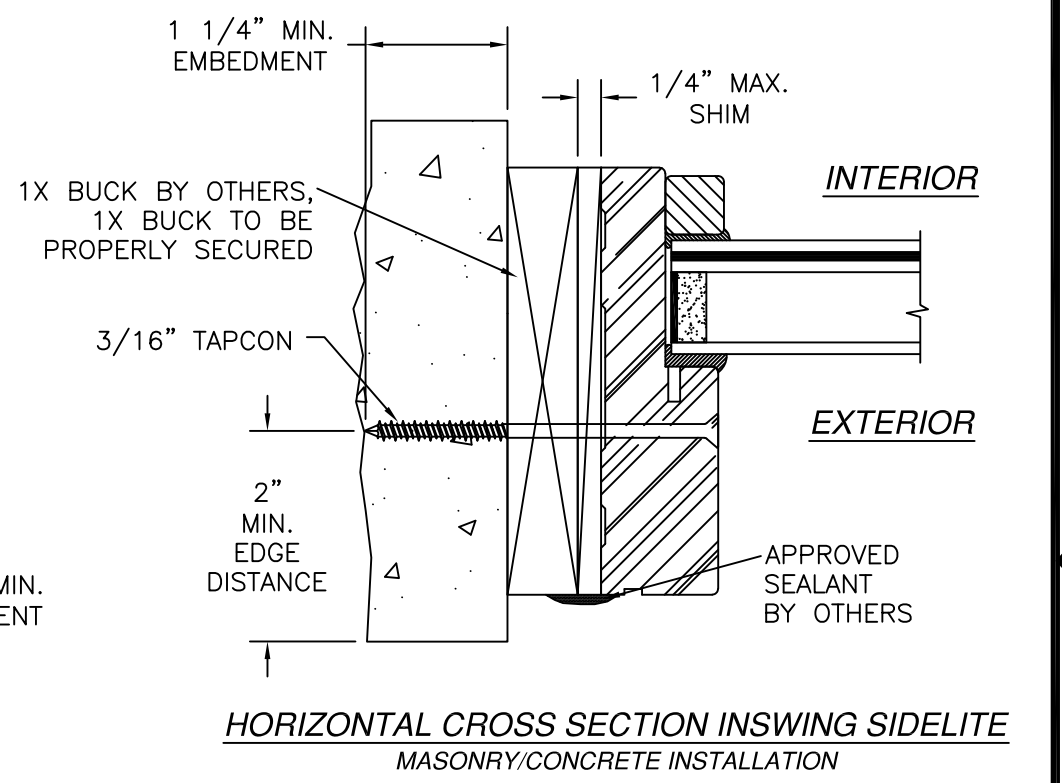
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514



| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



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

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

**20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
INSWING INSTALLATION DETAILS**

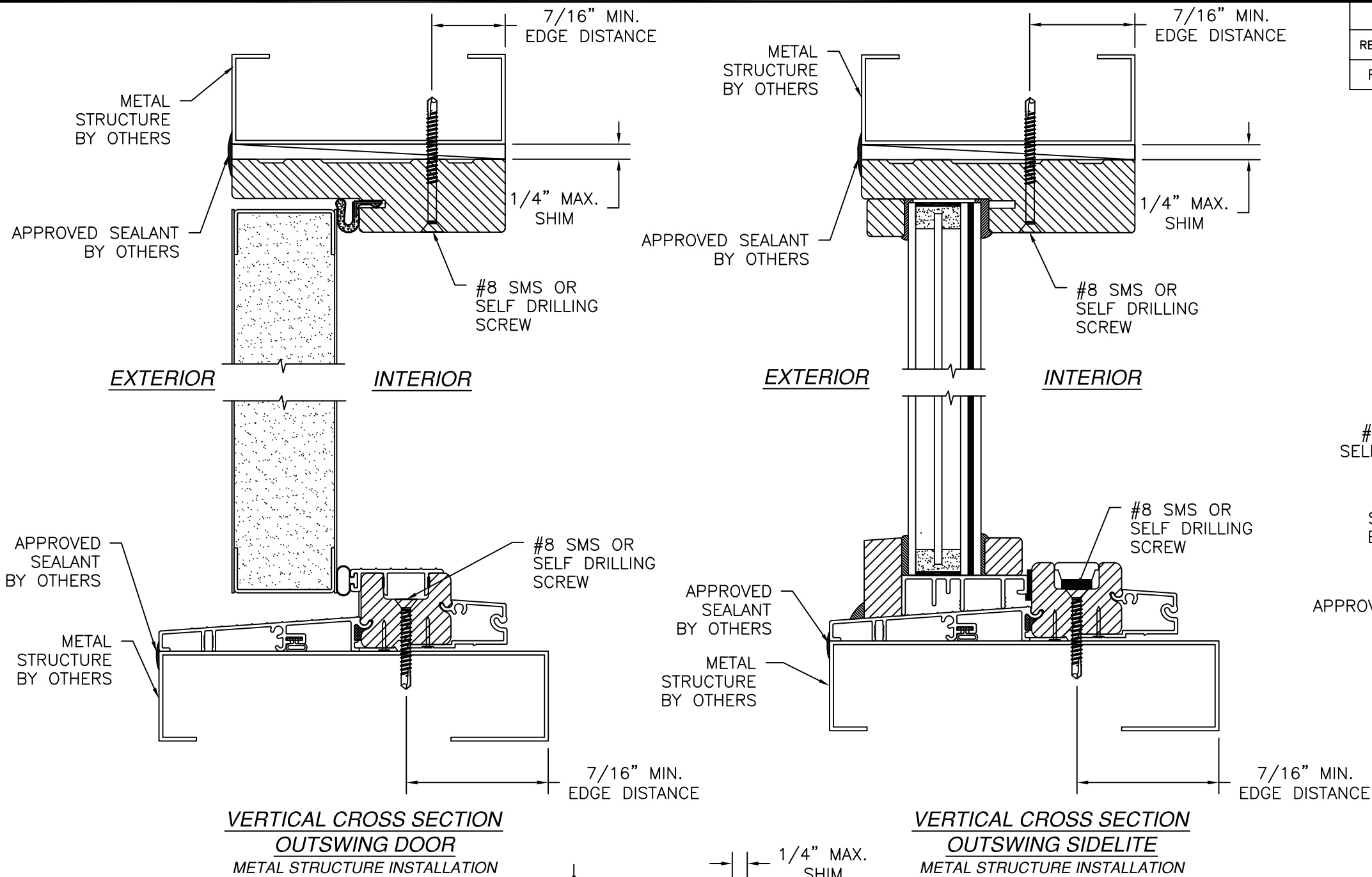
|               |                     |                  |
|---------------|---------------------|------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00950 | REV<br>F         |
| SCALE<br>NTS  | DATE<br>02/15/10    | SHEET<br>7 OF 19 |

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

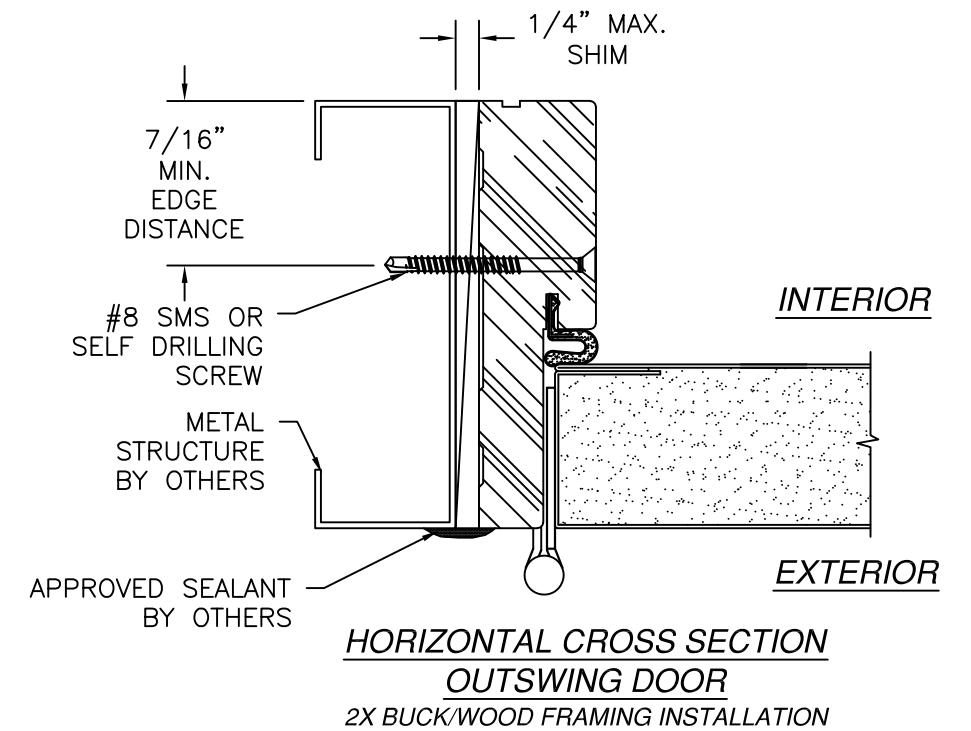
SIGNED: 09/28/2026

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

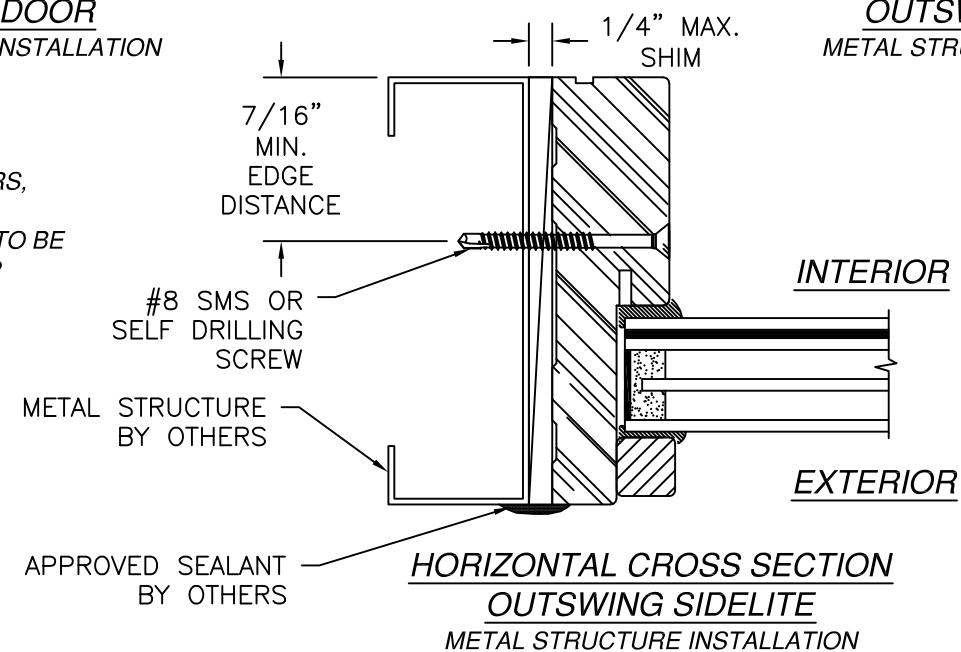




| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



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



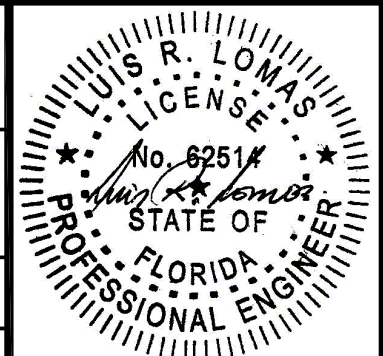
**PROVIA, LLC.**  
2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
OUTSWING INSTALLATION DETAILS

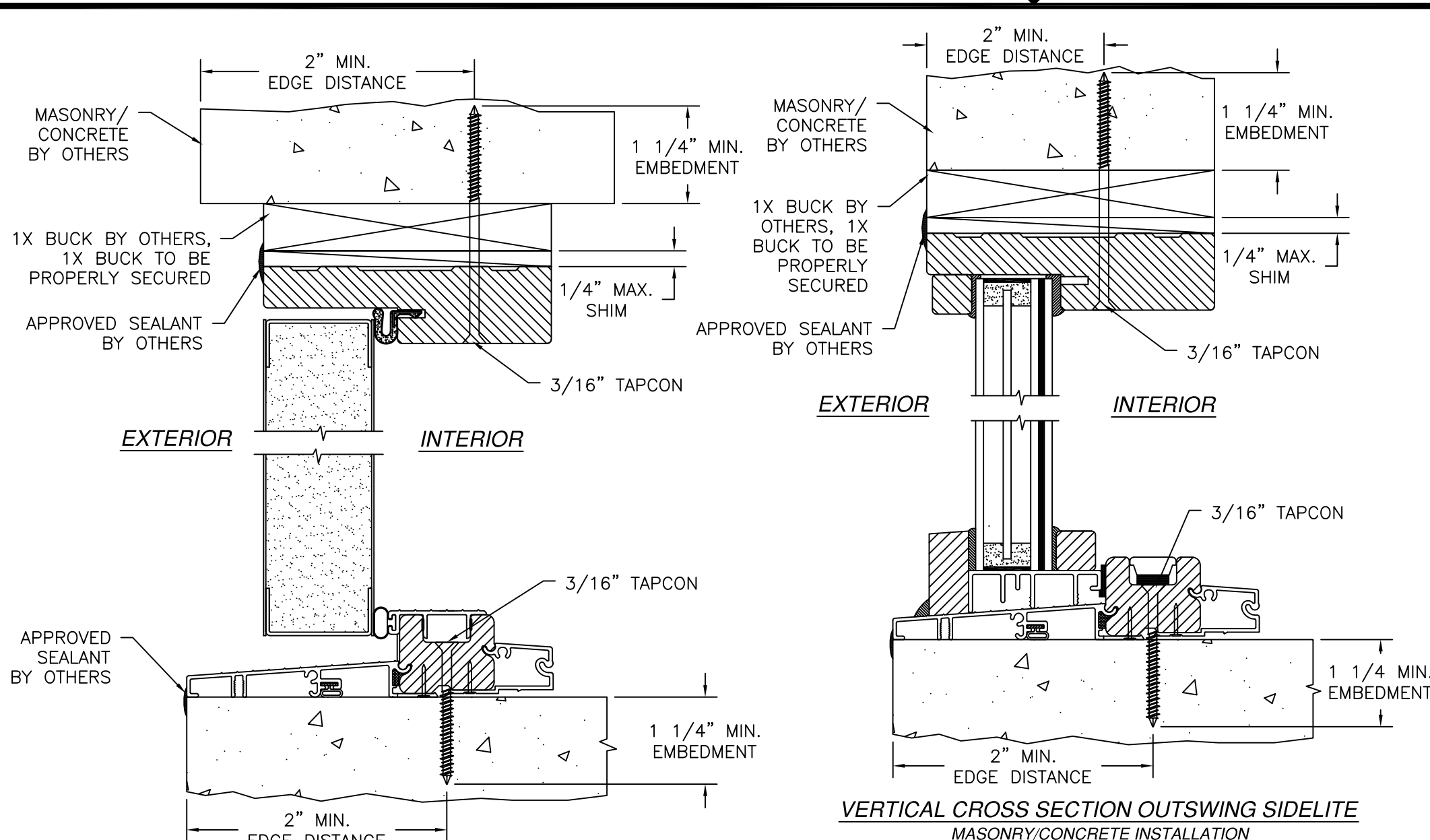
|               |                     |                  |
|---------------|---------------------|------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00950 | REV<br>F         |
| SCALE<br>NTS  | DATE<br>02/15/10    | SHEET<br>9 OF 19 |

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

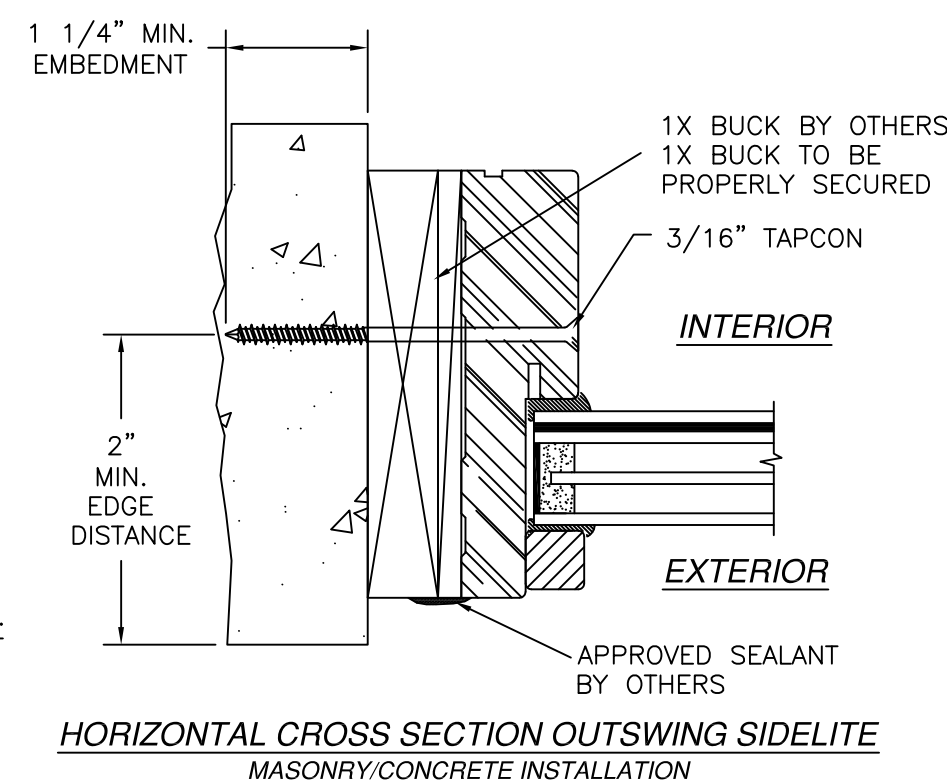
SIGNED: 09/28/2026



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

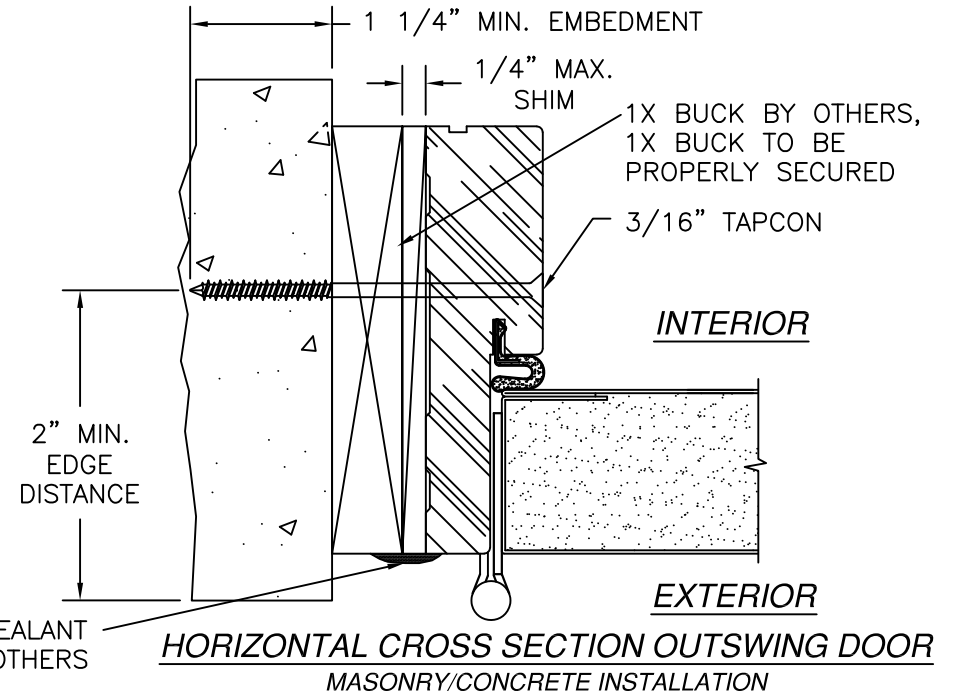


| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



**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



PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES

OUTSWING INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

DATE 02/15/10

SHEET 10 OF 19

L. ROBERTO LOMAS P.E.

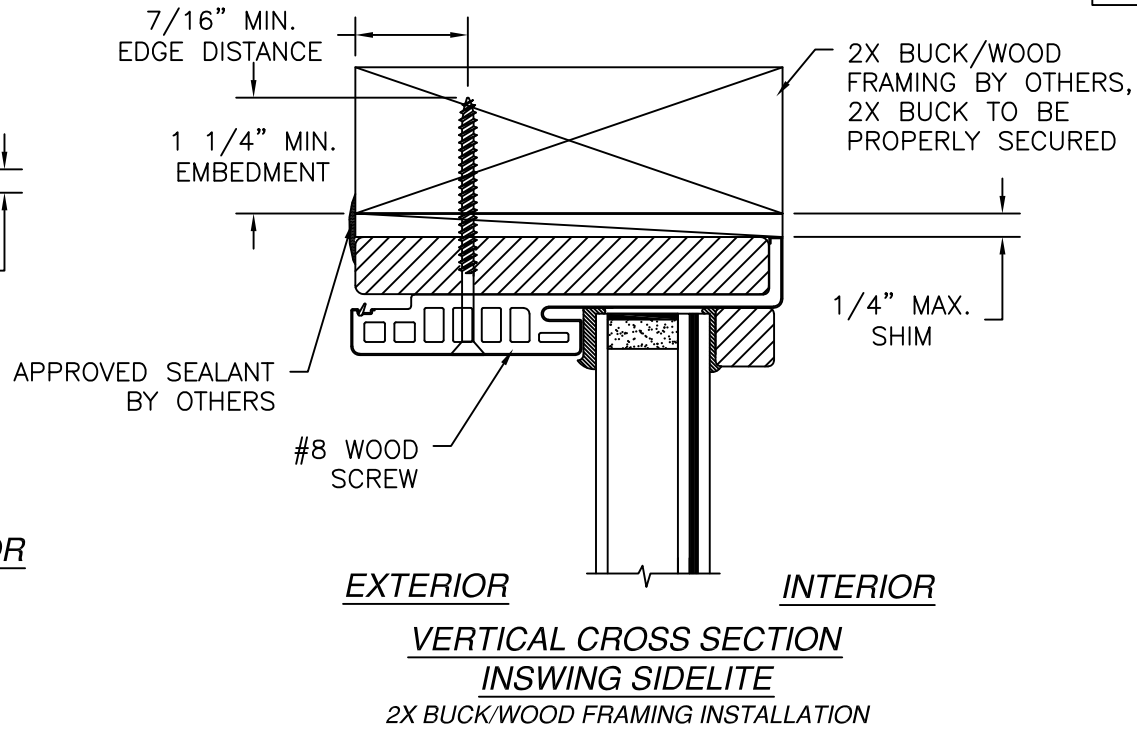
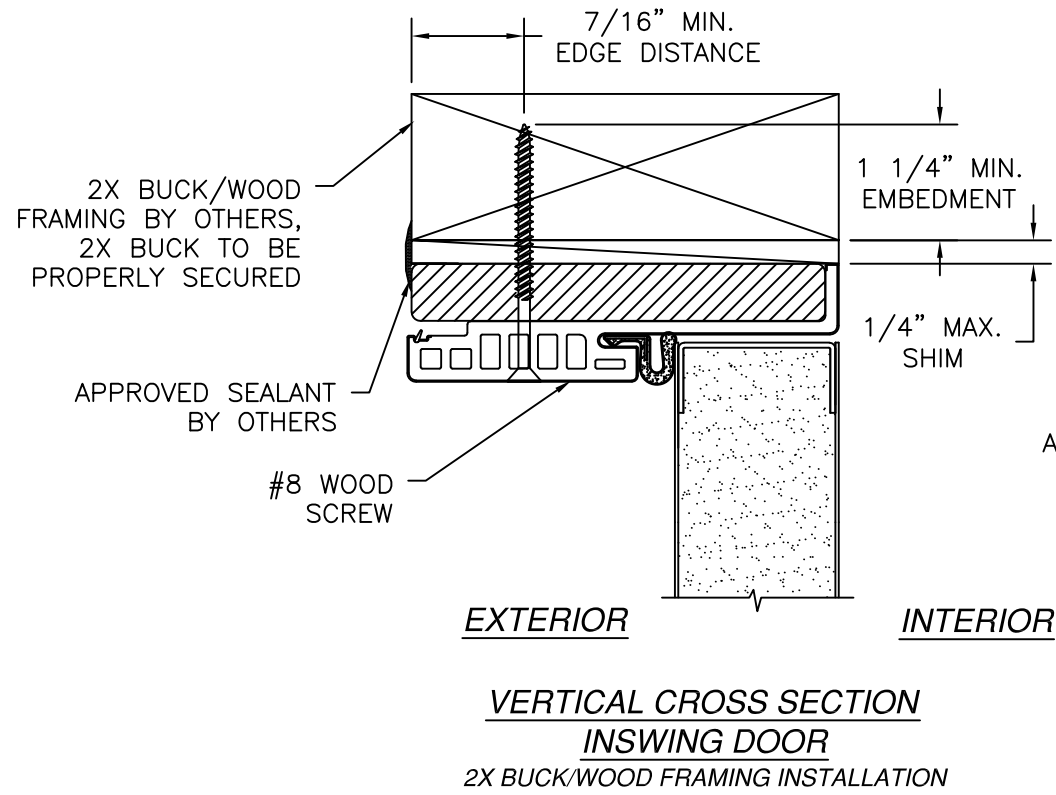
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

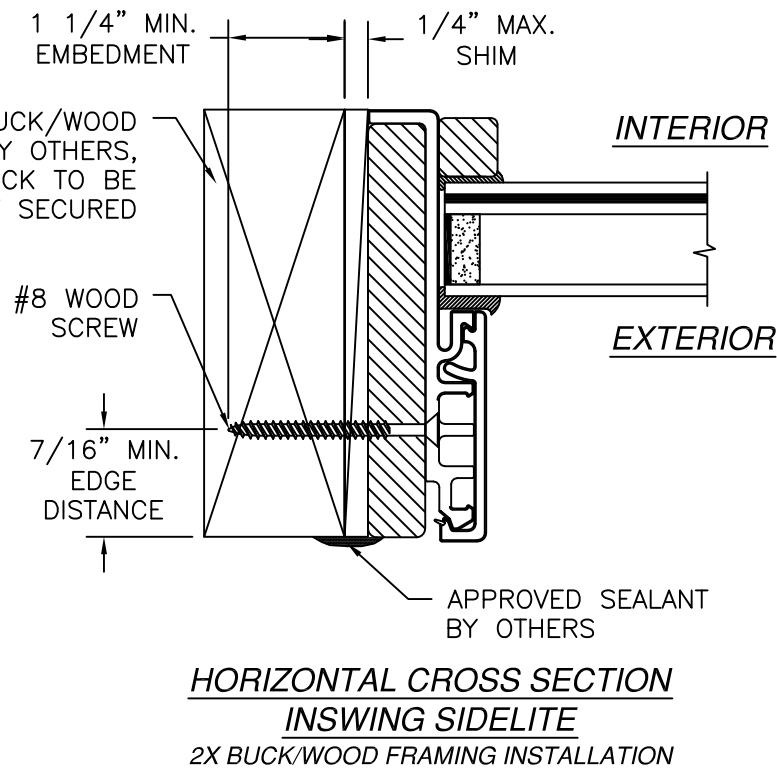
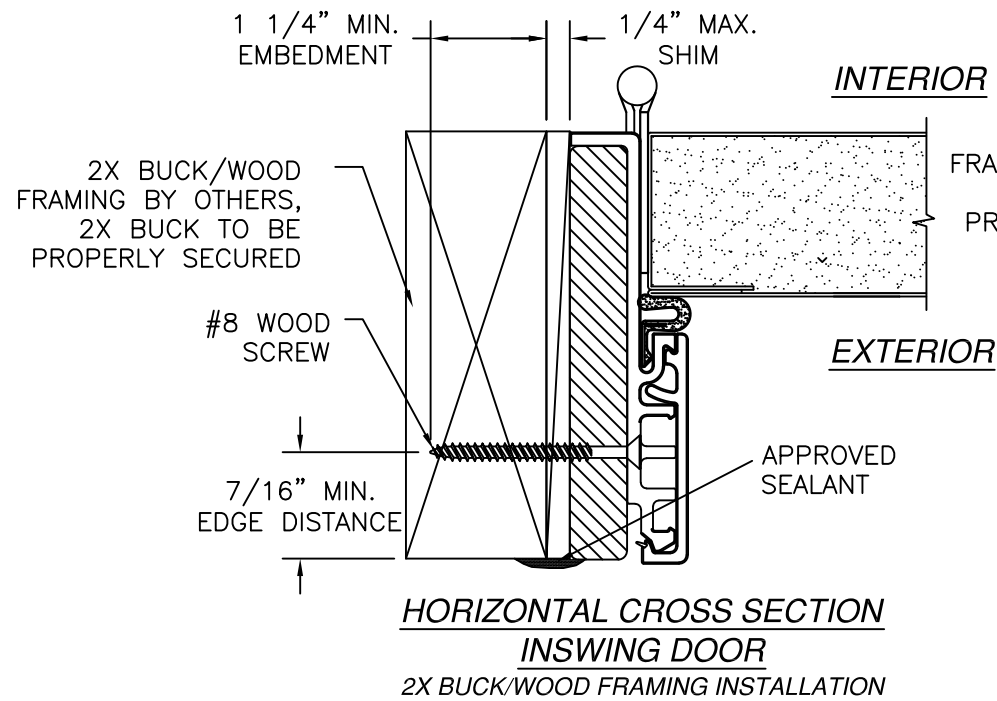
SIGNED: 09/28/2026

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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | 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: 09/28/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES

INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

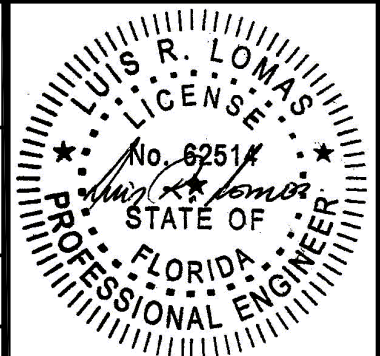
DATE 02/15/10

SHEET 11 OF 19

L. ROBERTO LOMAS P.E.

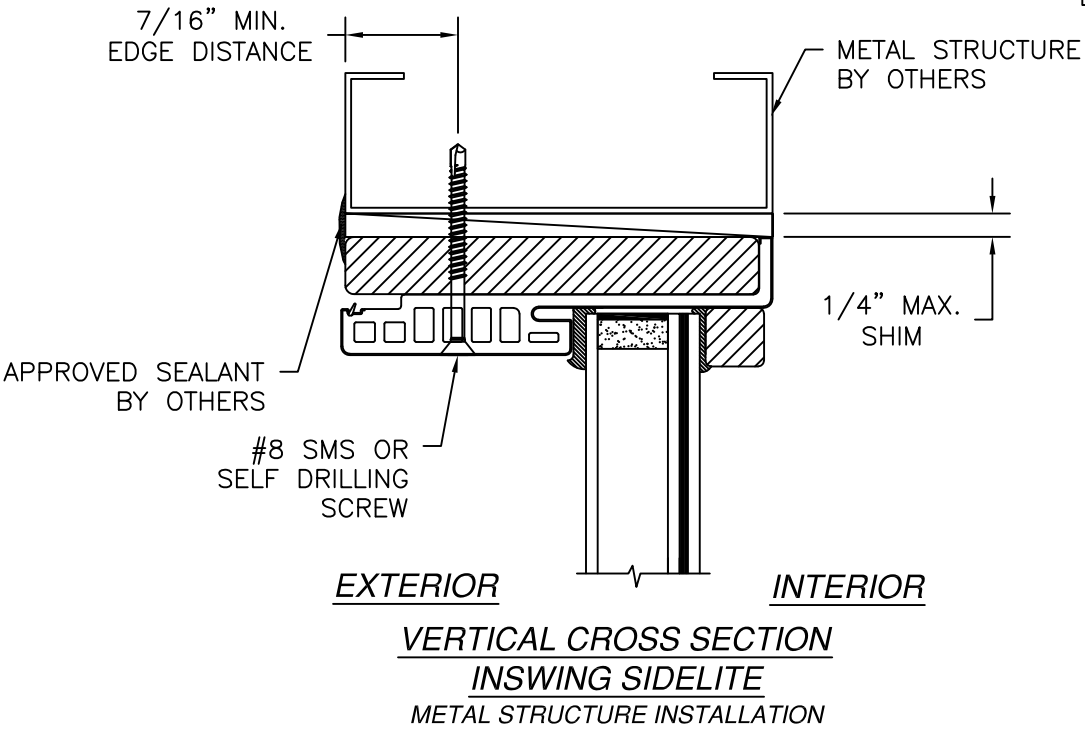
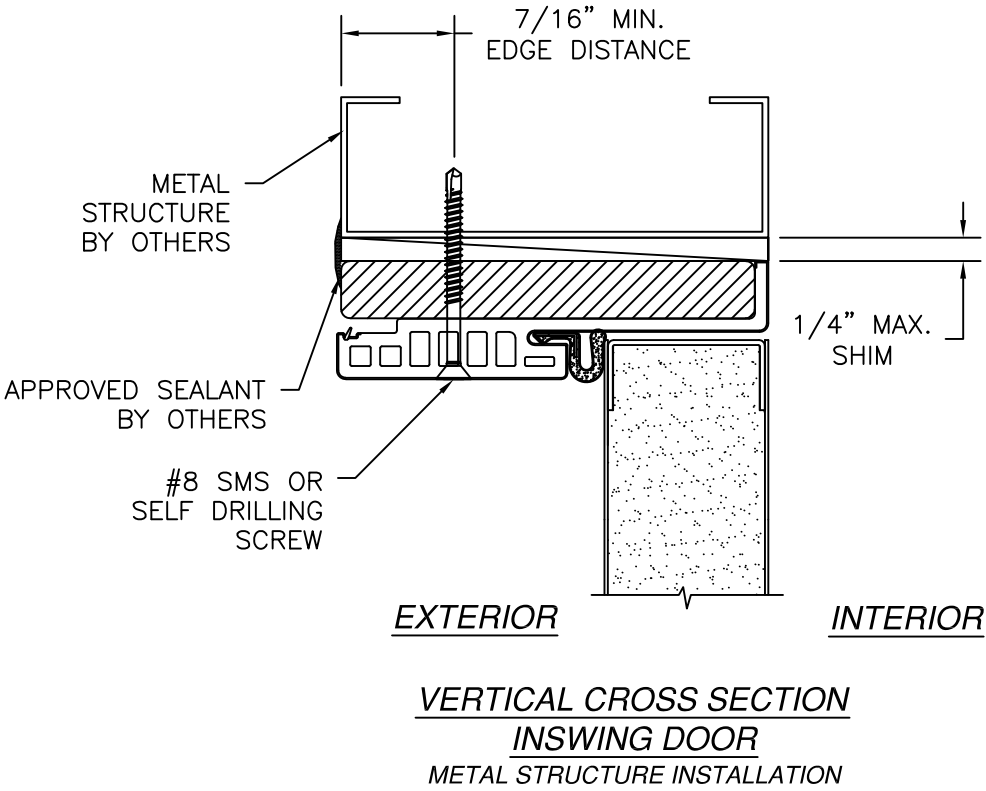
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

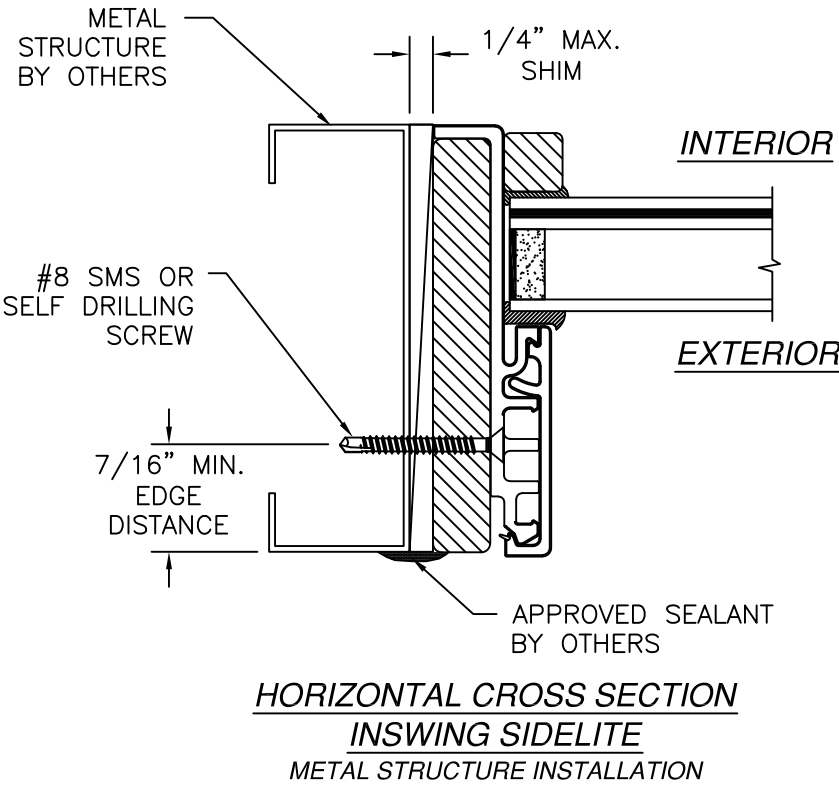
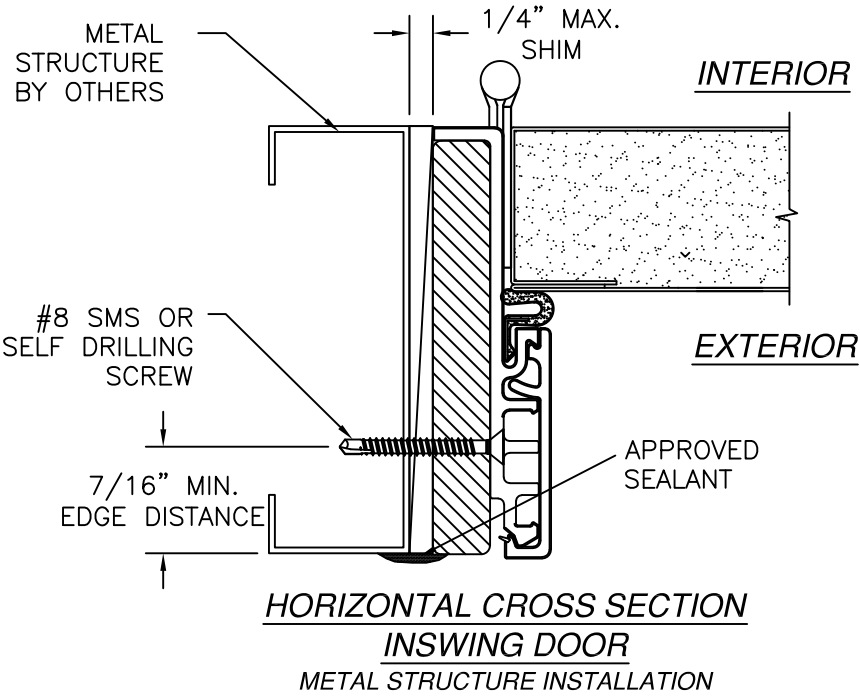


Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | 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: 09/28/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES

INSWING INSTALLATION DETAILS W/FUSION FRAME

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

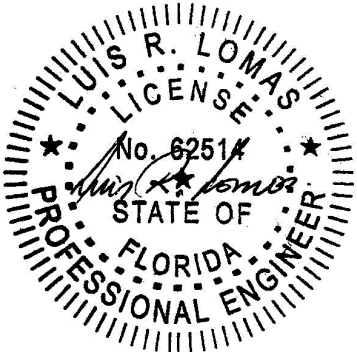
DATE 02/15/10

SHEET 12 OF 19

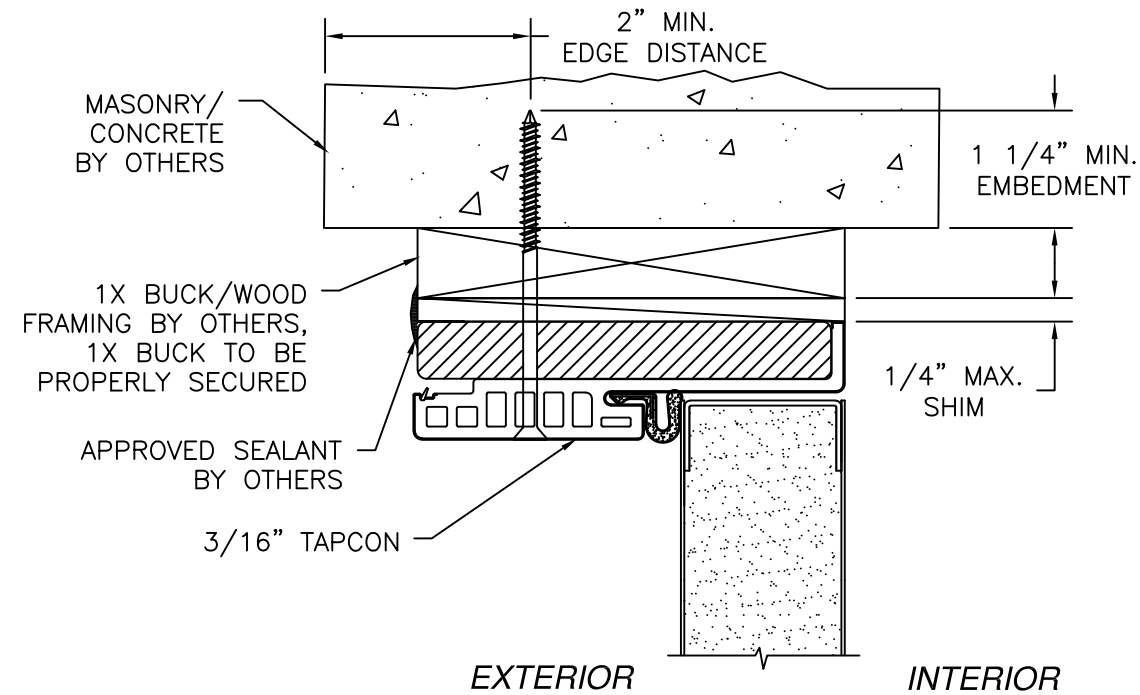
L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

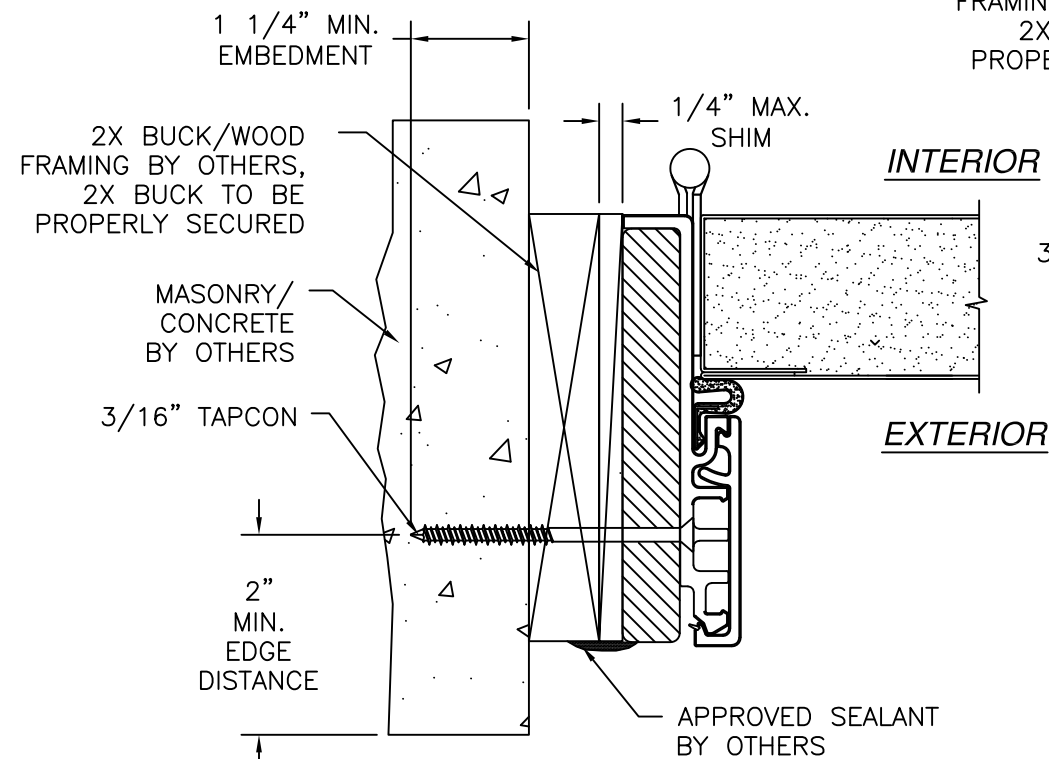
434-688-0609 rllomas@lrlomaspe.com



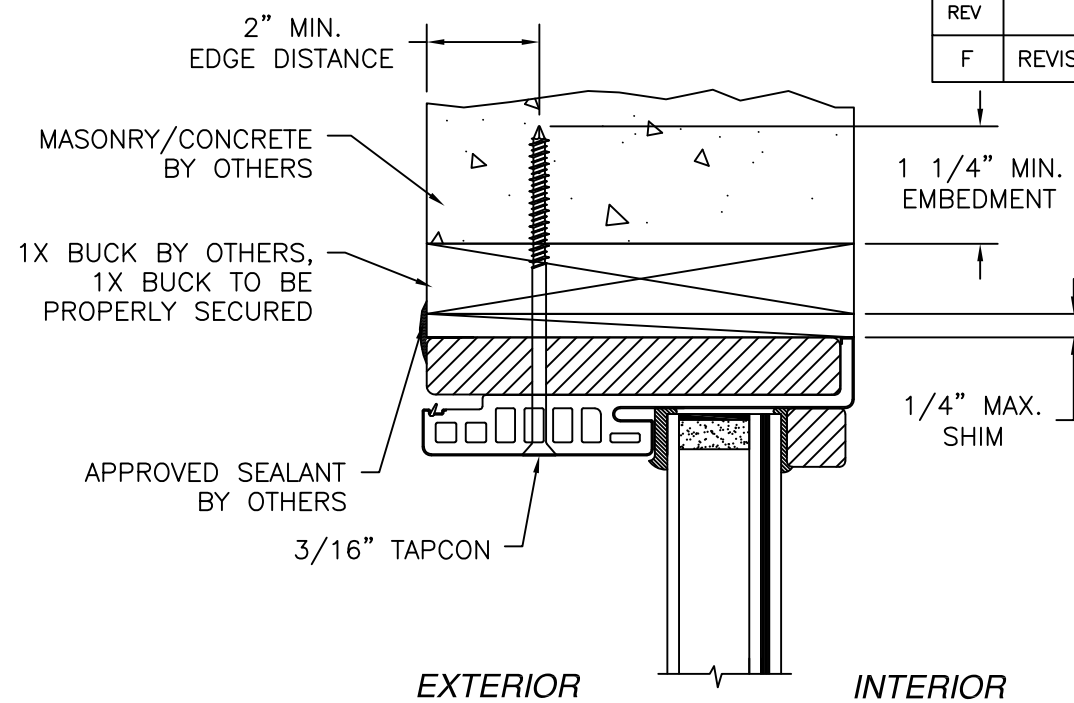
Luis R. Lomas P.E.  
FL No.: 62514



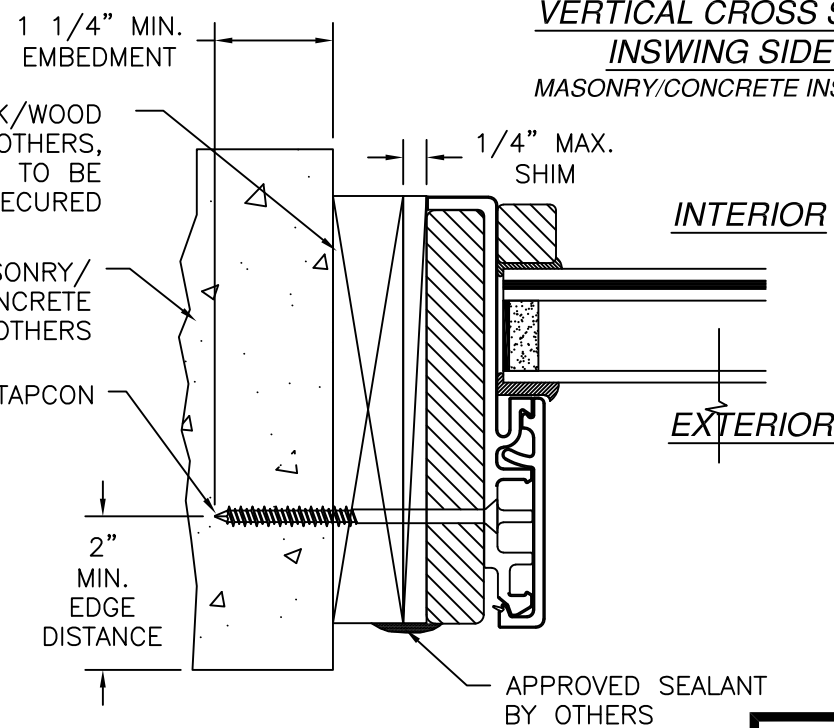
**VERTICAL CROSS SECTION  
INSWING DOOR  
MASONRY/CONCRETE INSTALLATION**



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



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



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

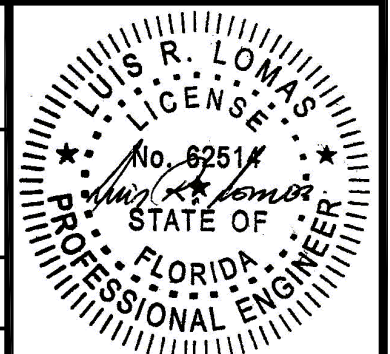
**NOTES:**

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

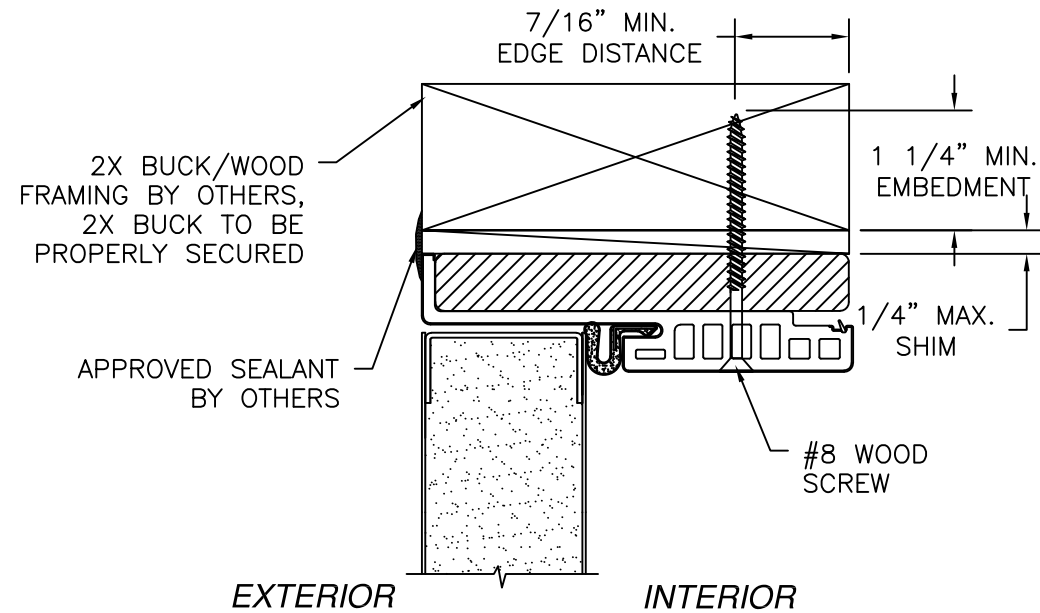
| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |

SIGNED: 09/28/2026

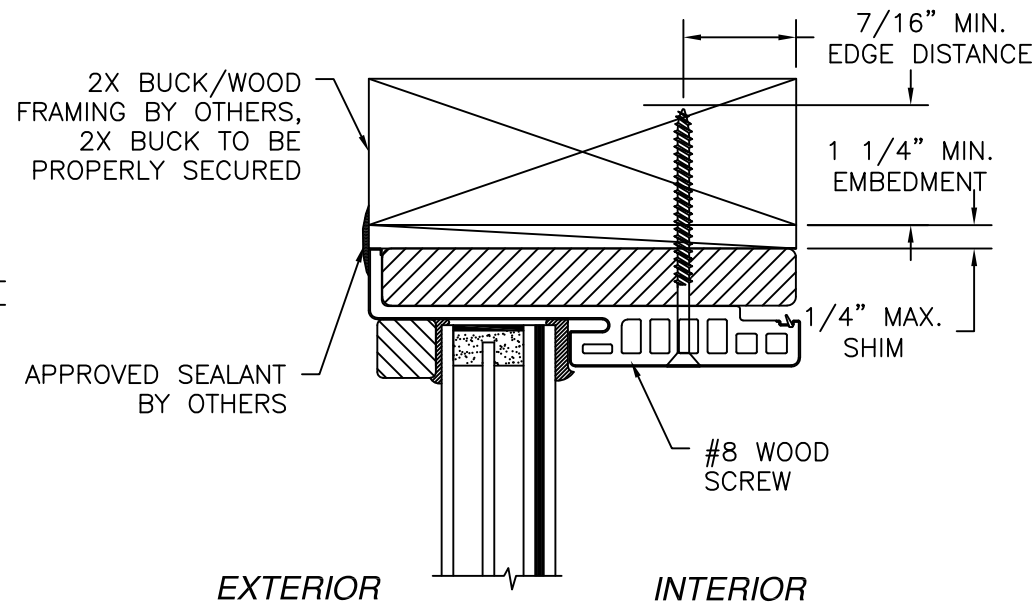
|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                           |                     |                   |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>INSWING INSTALLATION DETAILS W/FUSION FRAME   |                     |                   |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F          |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>13 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



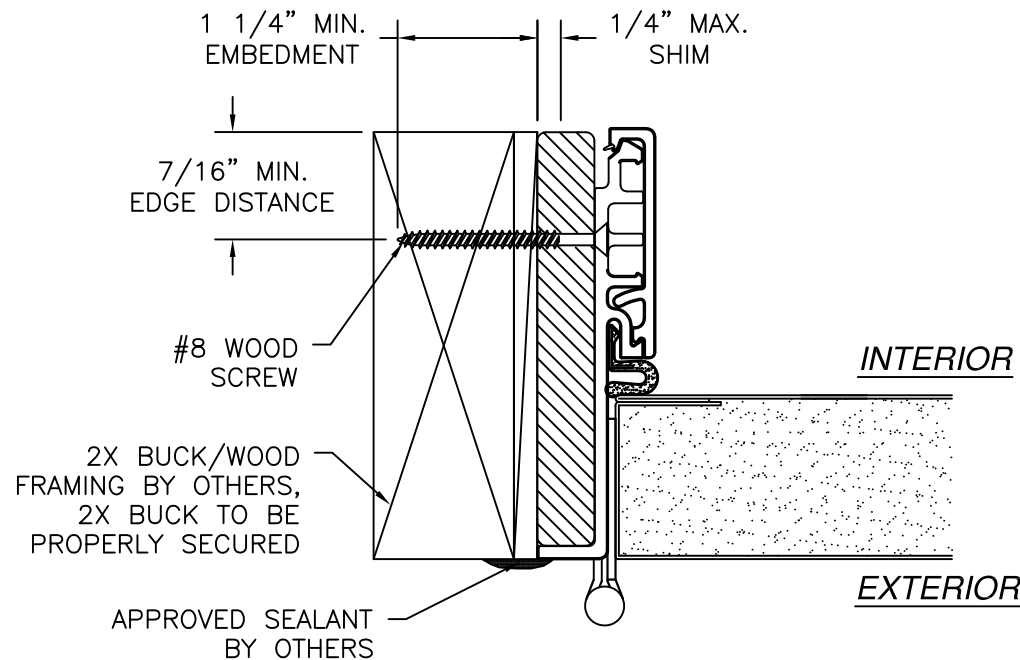
Luis R. Lomas P.E.  
FL No.: 62514



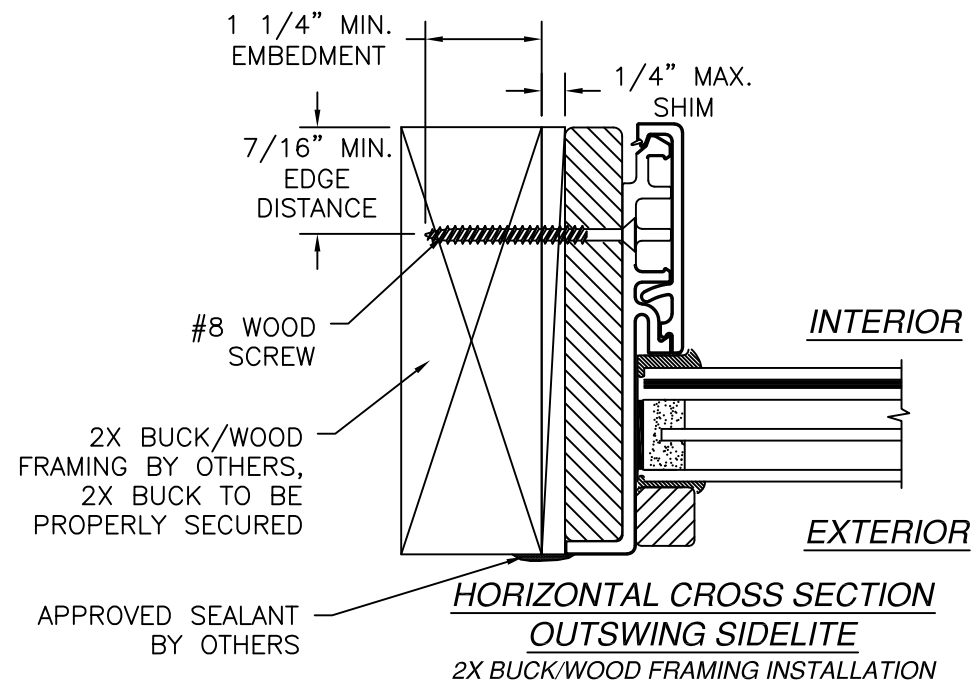
**VERTICAL CROSS SECTION  
OUTSWING DOOR**  
2X BUCK/WOOD FRAMING INSTALLATION



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



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



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

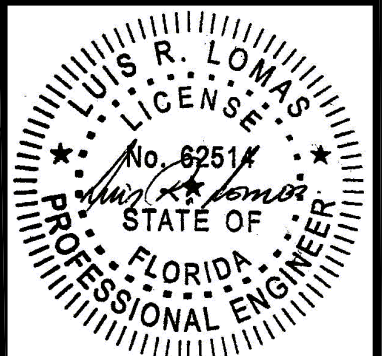
| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |

**NOTES:**

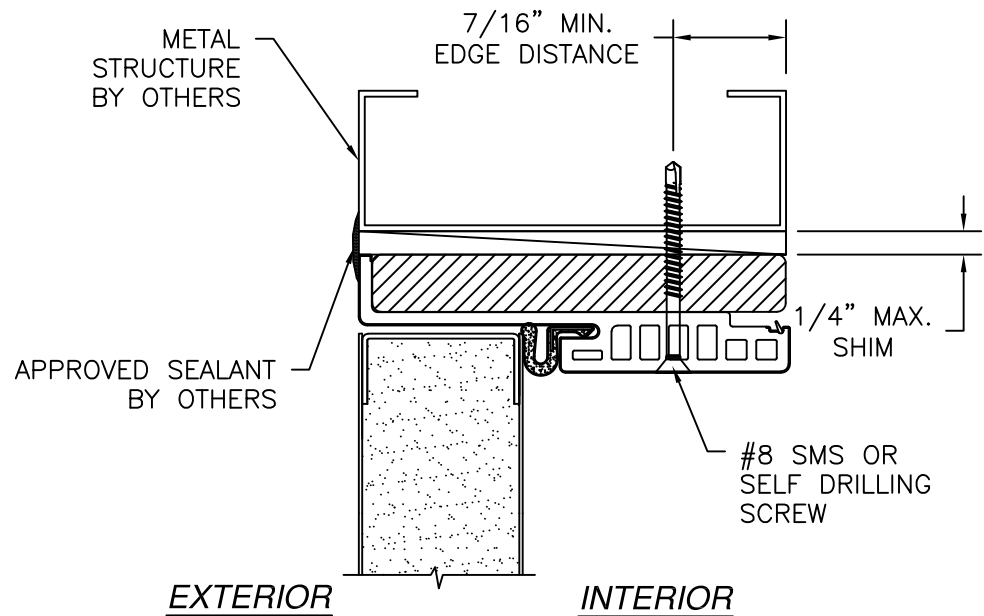
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 09/28/2026

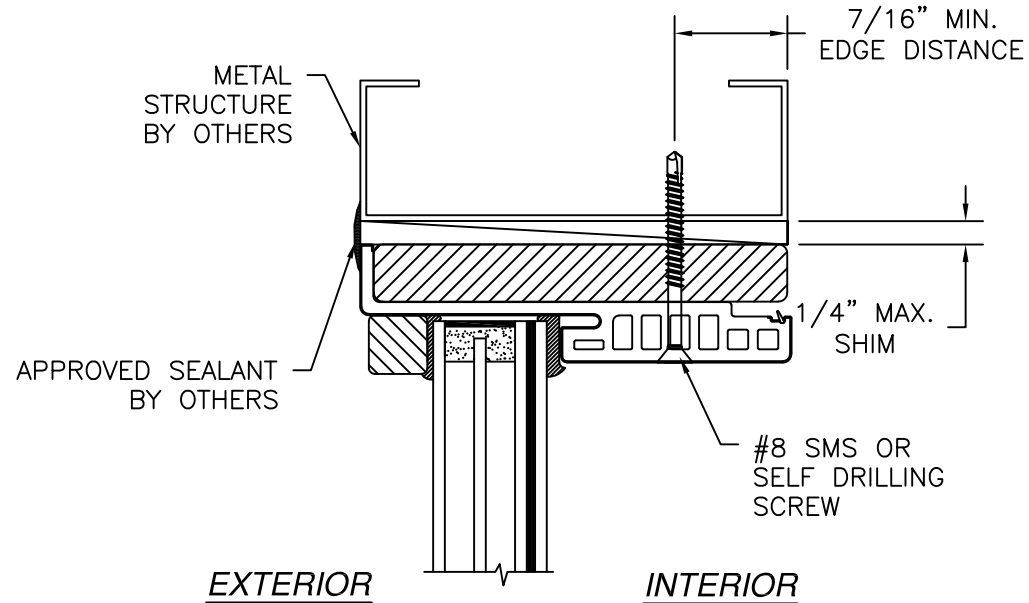
|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                           |                     |                   |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>OUTSWING INSTALLATION DETAILS W/FUSION FRAME  |                     |                   |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F          |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>14 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



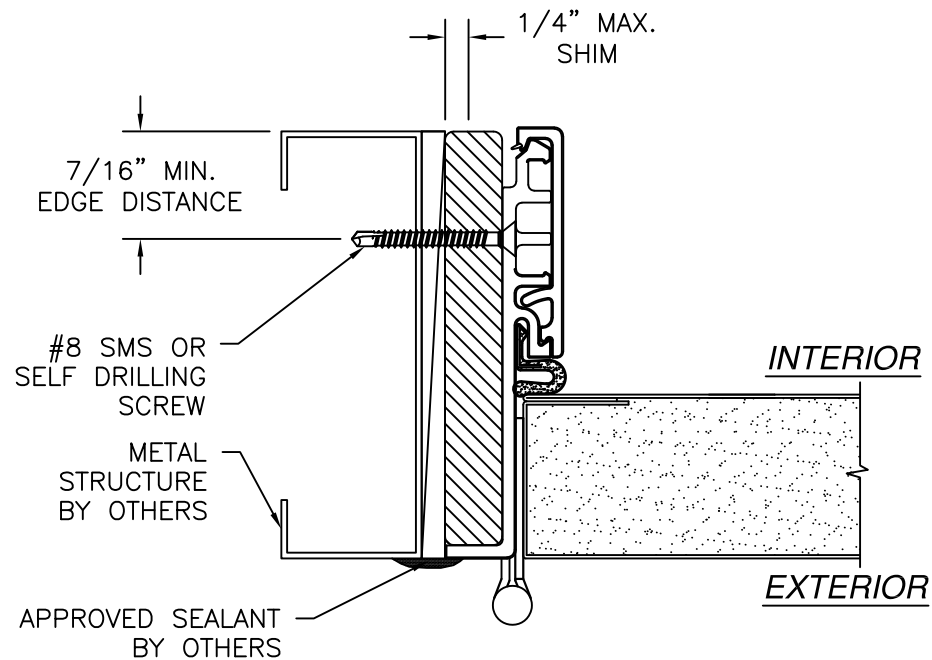
Luis R. Lomas P.E.  
FL No.: 62514



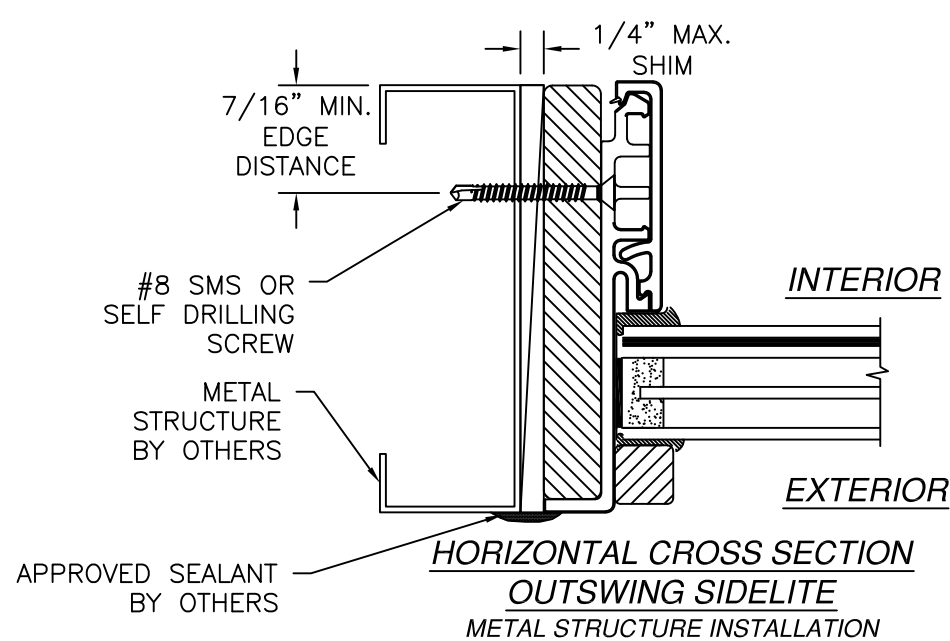
**VERTICAL CROSS SECTION  
OUTSWING DOOR**  
METAL STRUCTURE INSTALLATION



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



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



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

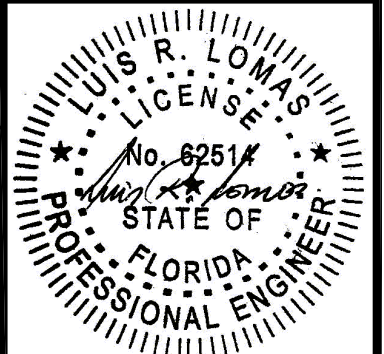
| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |

**NOTES:**

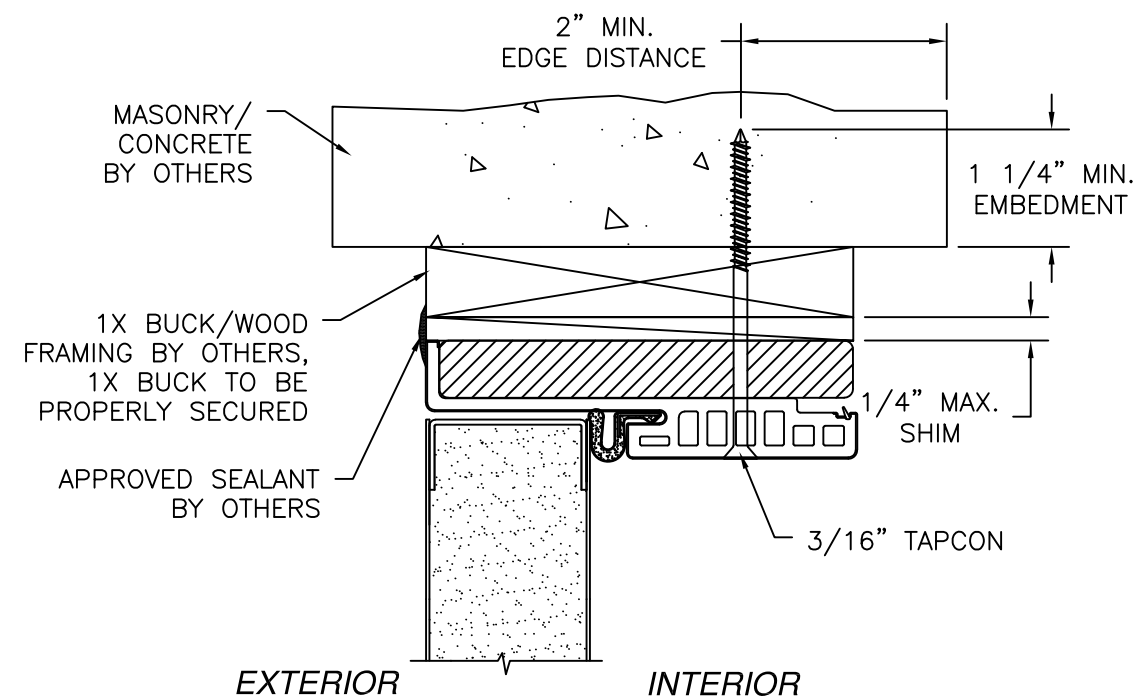
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 09/28/2026

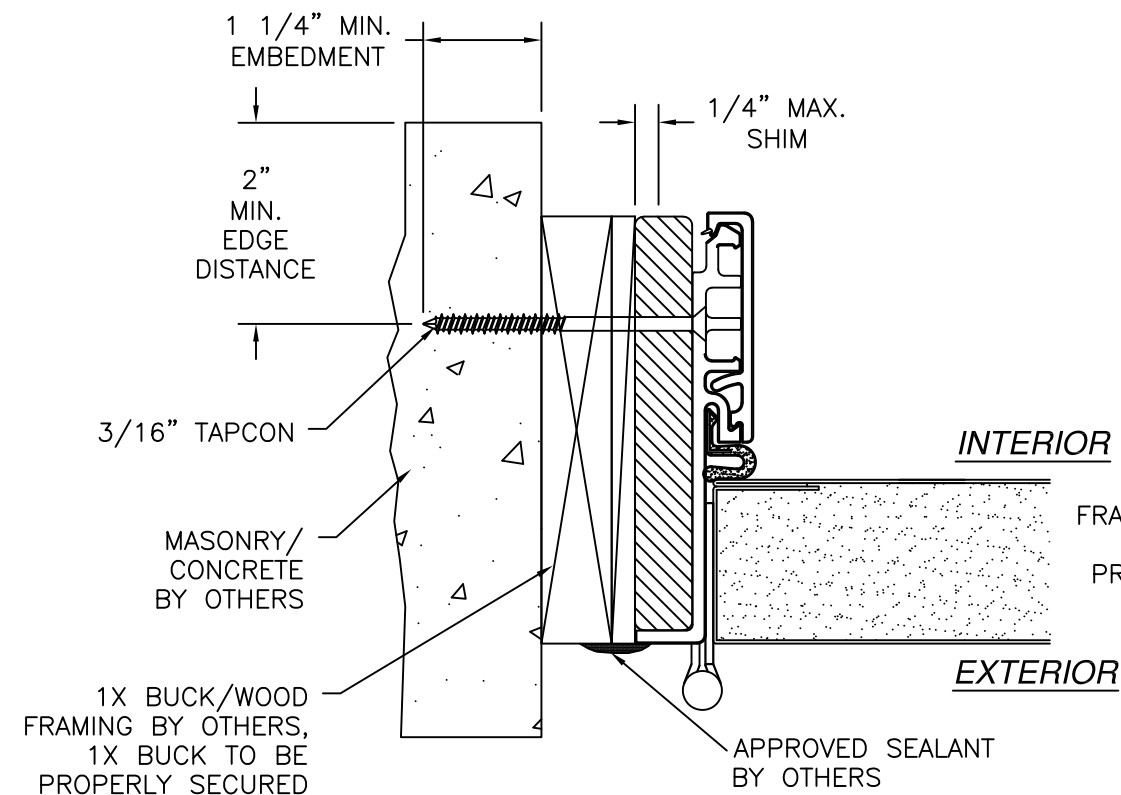
|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                  |                     |                   |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>OUTSWING INSTALLATION DETAILS W/FUSION FRAME  |                     |                   |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F          |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>15 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



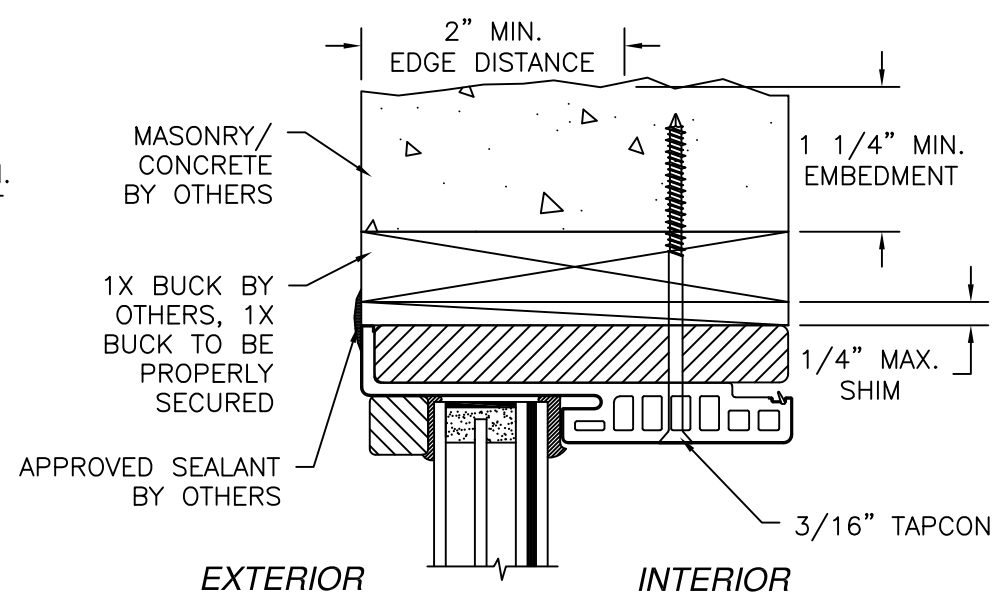
Luis R. Lomas P.E.  
FL No.: 62514



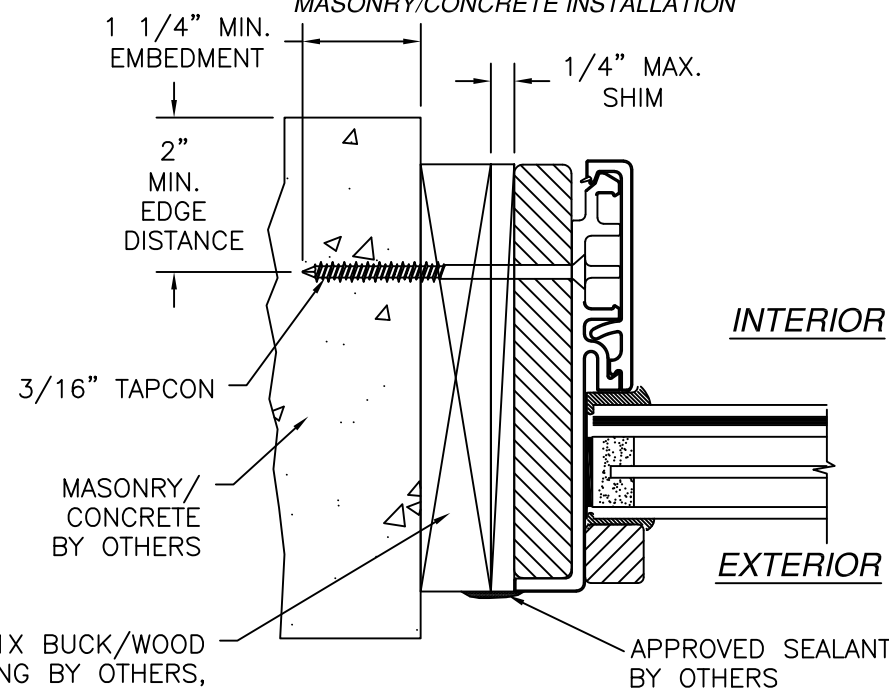
**VERTICAL CROSS SECTION  
OUTSWING DOOR**  
MASONRY/CONCRETE INSTALLATION



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



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



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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | 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: 09/28/2026

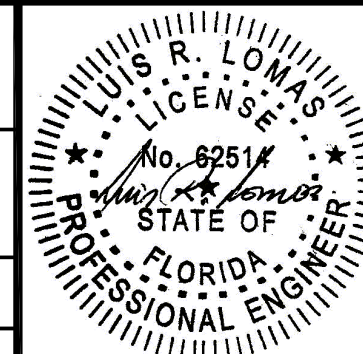
**PROVIA, LLC.**

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

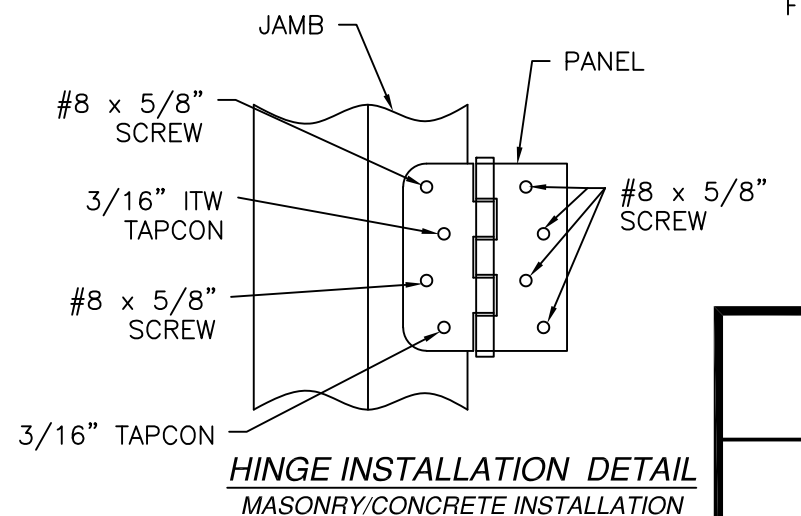
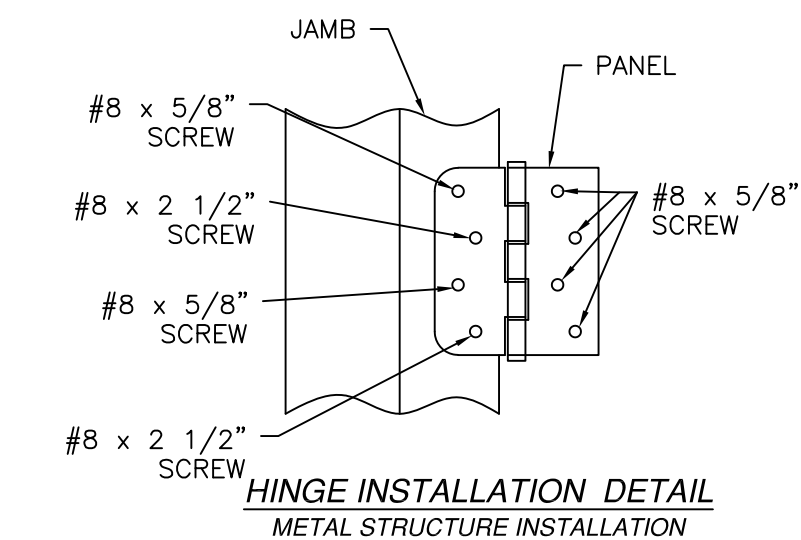
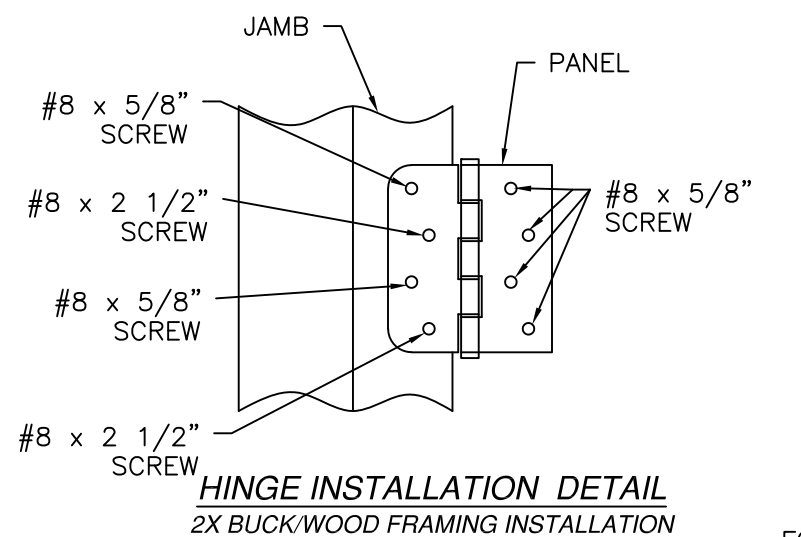
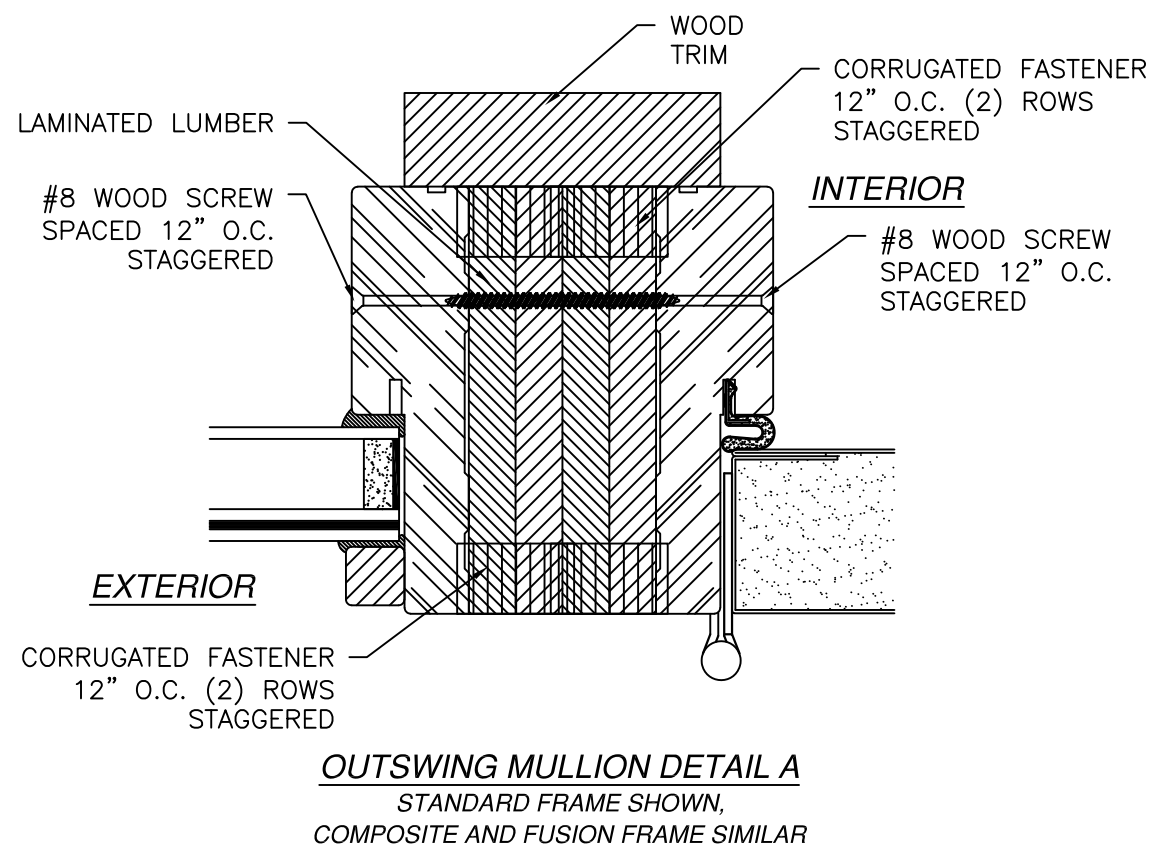
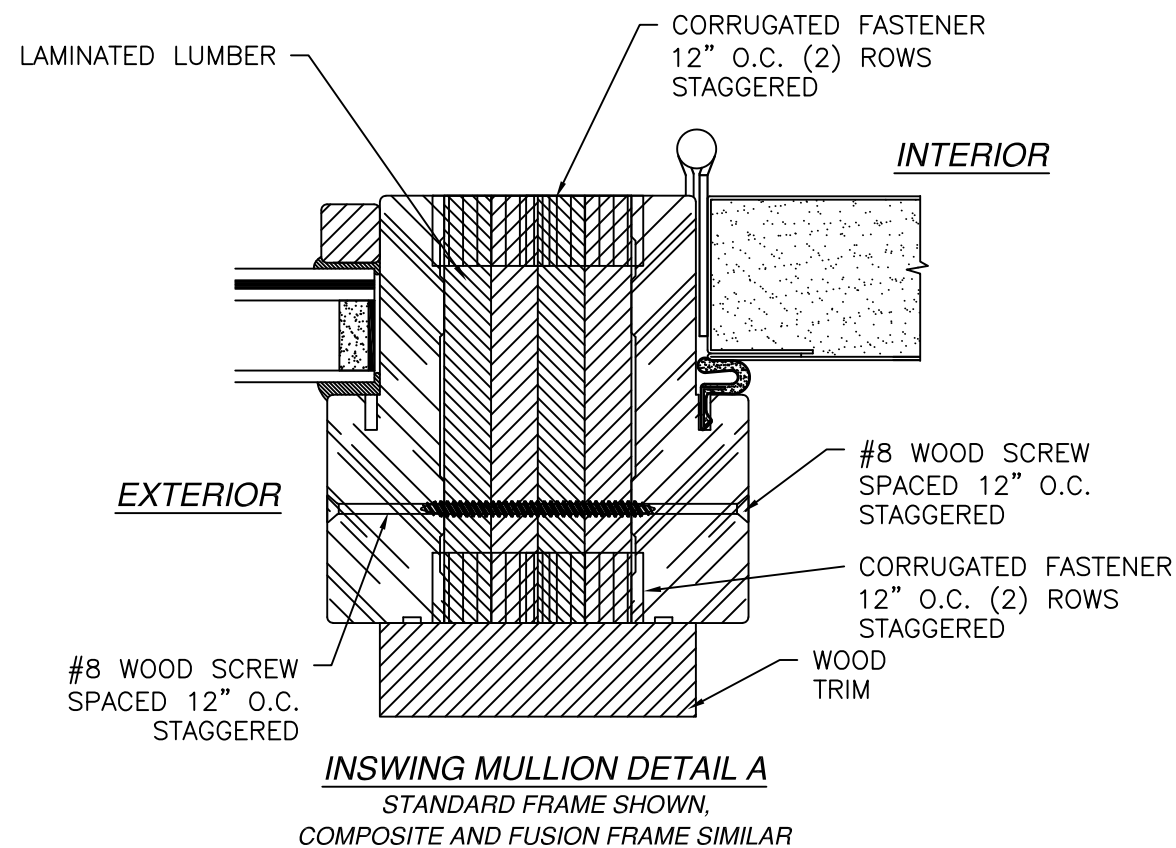
20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
OUTSWING INSTALLATION DETAILS W/FUSION FRAME

|               |                     |                   |
|---------------|---------------------|-------------------|
| DRAWN:<br>TJH | DWG NO.<br>08-00950 | REV<br>F          |
| SCALE<br>NTS  | DATE<br>02/15/10    | SHEET<br>16 OF 19 |

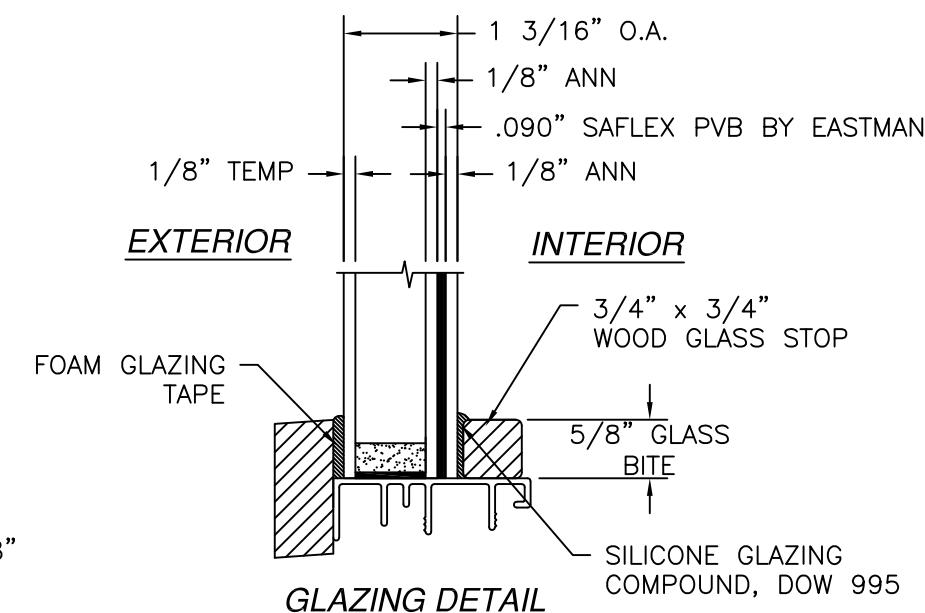
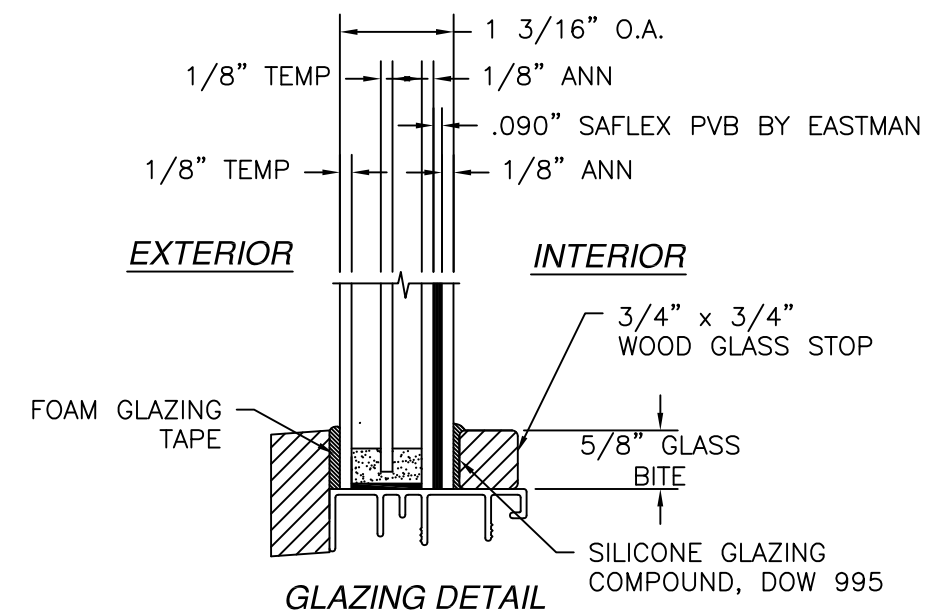
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com



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



| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |

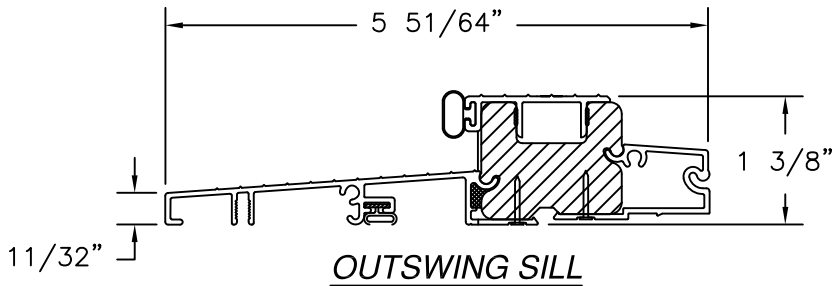
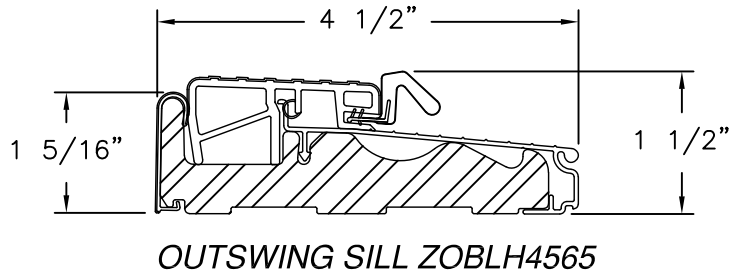
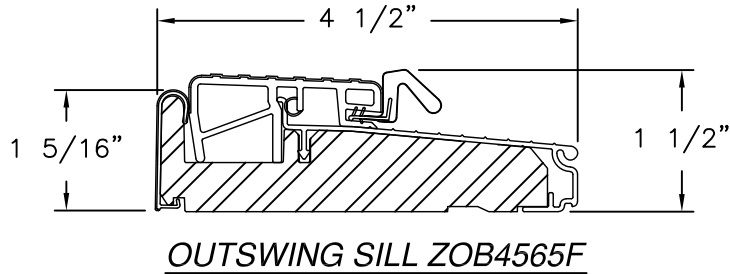
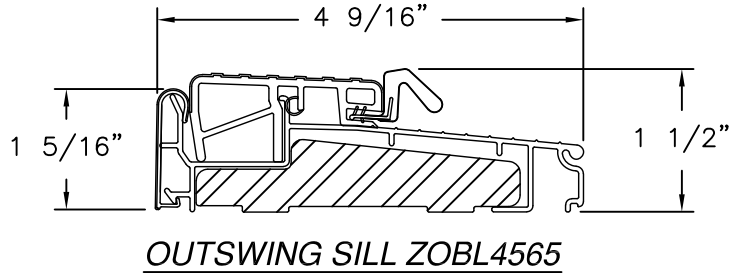
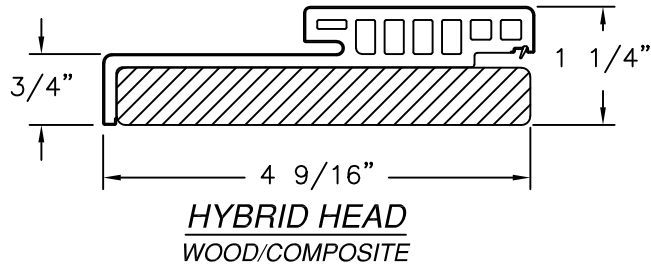
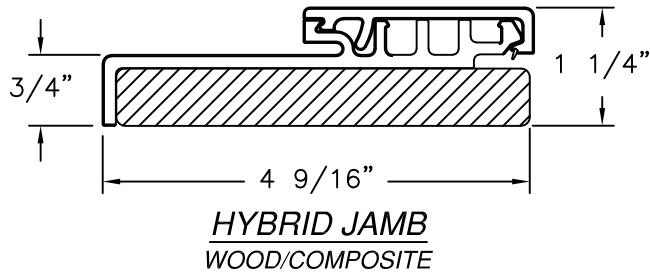
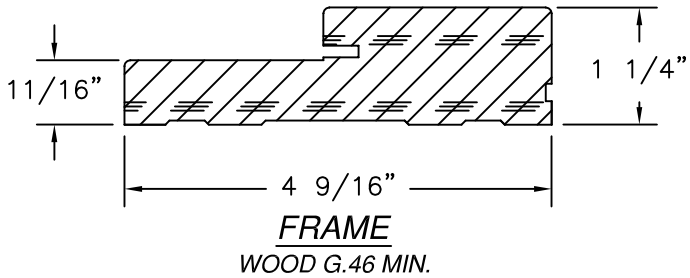
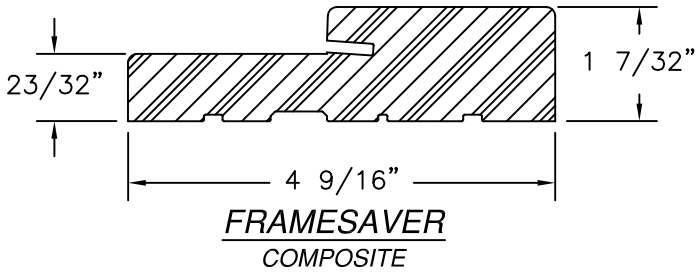


SIGNED: 09/28/2026

|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>PROVIA, LLC.</b><br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                           |                     |                   |
| 20GA. STEEL DOOR IS/OS<br>W/ AND W/OUT SIDELITES<br>GLAZING, MULLION AND HINGES DETAILS           |                     |                   |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-00950 | REV<br>F          |
| SCALE<br>NTS                                                                                      | DATE<br>02/15/10    | SHEET<br>17 OF 19 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |

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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



SIGNED: 09/28/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
COMPONENTS

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

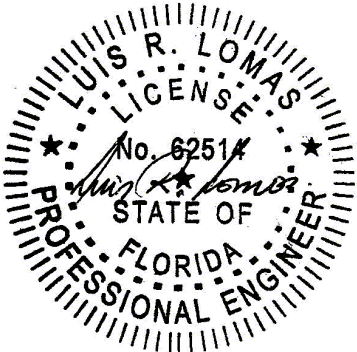
DATE 02/15/10

SHEET 18 OF 19

L. ROBERTO LOMAS P.E.

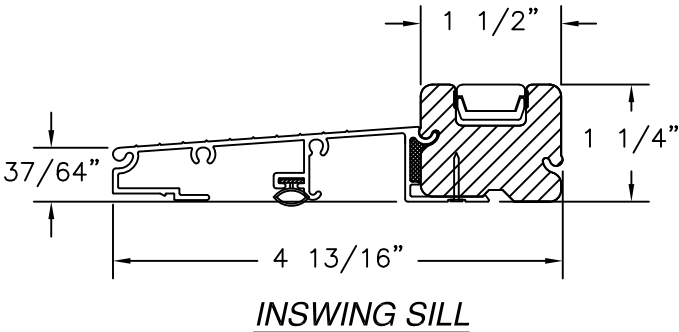
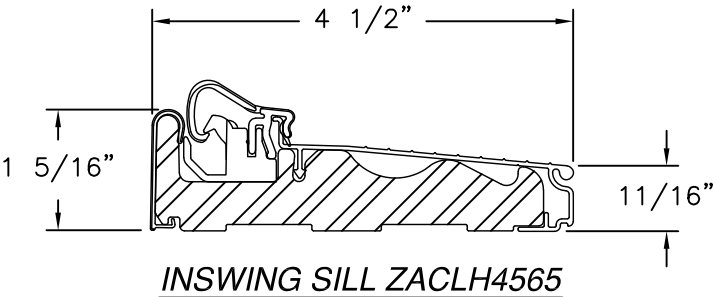
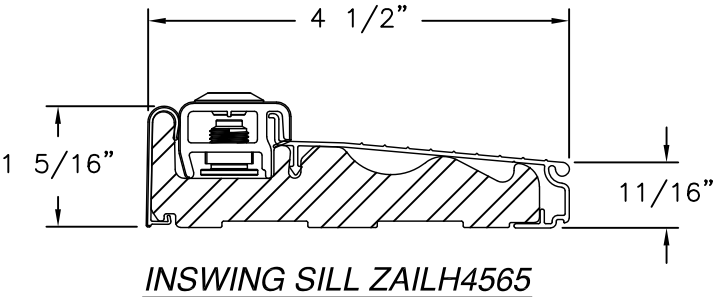
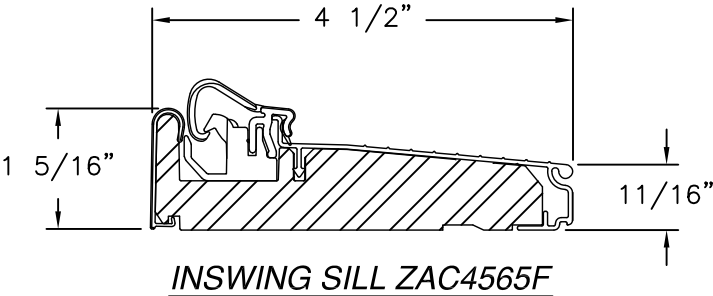
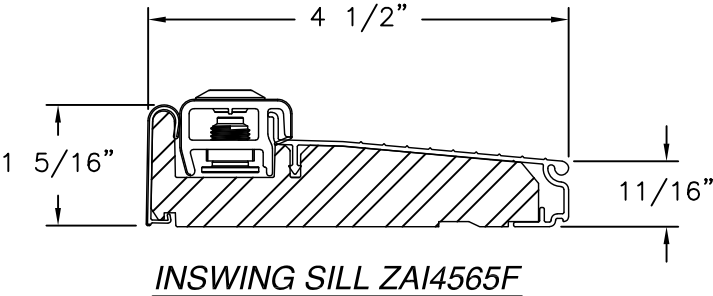
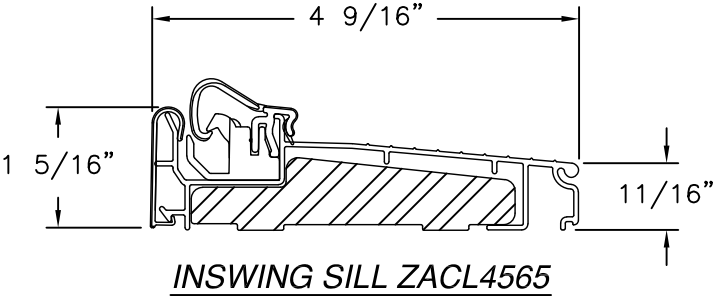
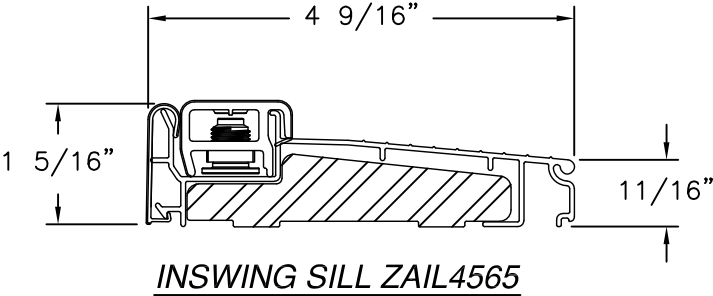
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com



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

| REVISIONS |                                |          |          |
|-----------|--------------------------------|----------|----------|
| REV       | DESCRIPTION                    | DATE     | APPROVED |
| F         | REVISED TO ADD CORROSION CHART | 09/28/26 | R.L.     |



SIGNED: 09/28/2026

PROVIA, LLC.

2150 STATE ROUTE 39 WEST  
SUGARCREEK, OH 44681

20GA. STEEL DOOR IS/OS  
W/ AND W/OUT SIDELITES  
COMPONENTS

DRAWN: TJH

DWG NO. 08-00950

REV F

SCALE NTS

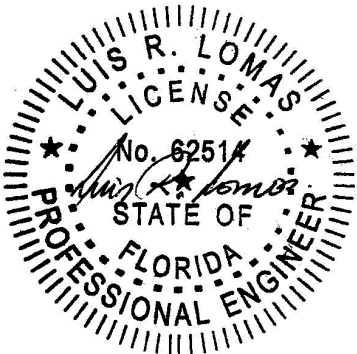
DATE 02/15/10

SHEET 19 OF 19

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com



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