

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |

NOTES:

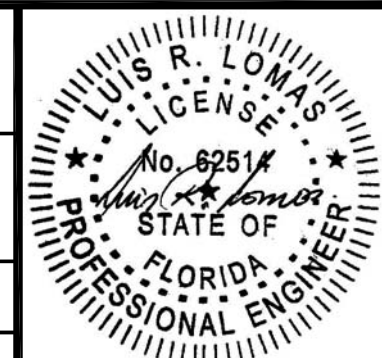
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER 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. 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 WITH G=.46 MINIMUM SPECIFIC GRAVITY OR FRAMESAVER OR FUSION FRAME.
12. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" 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 #10 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 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

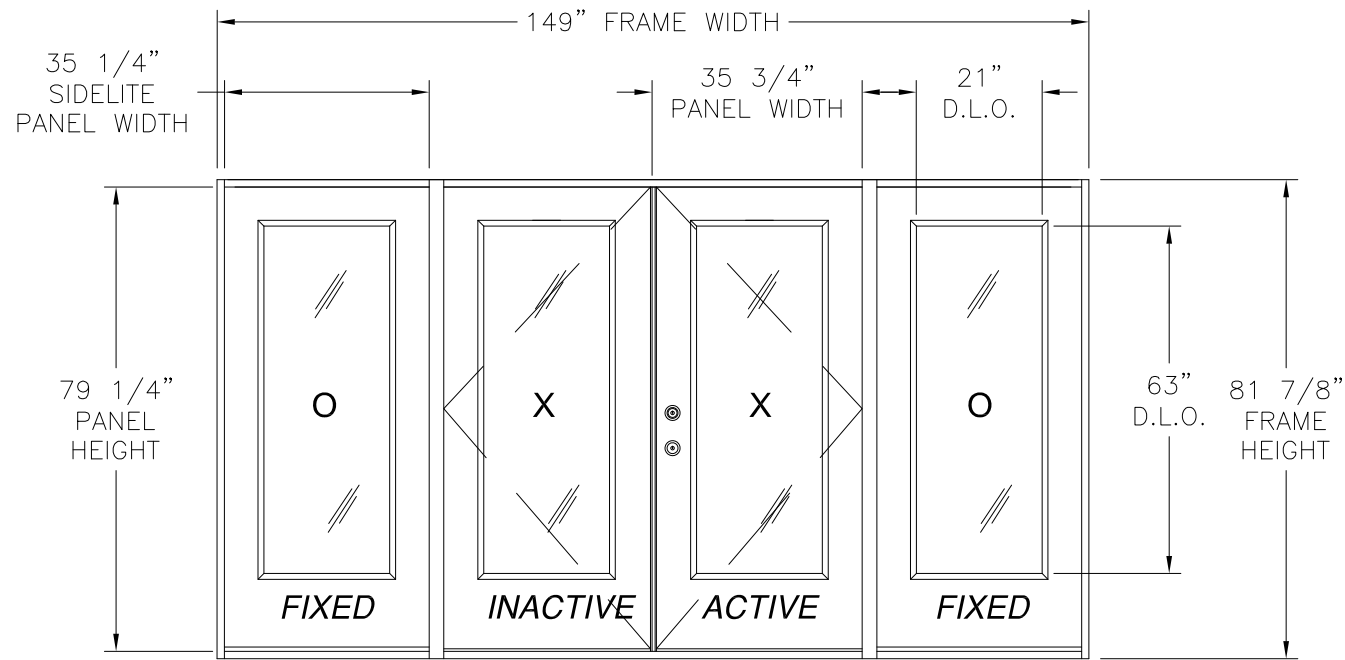
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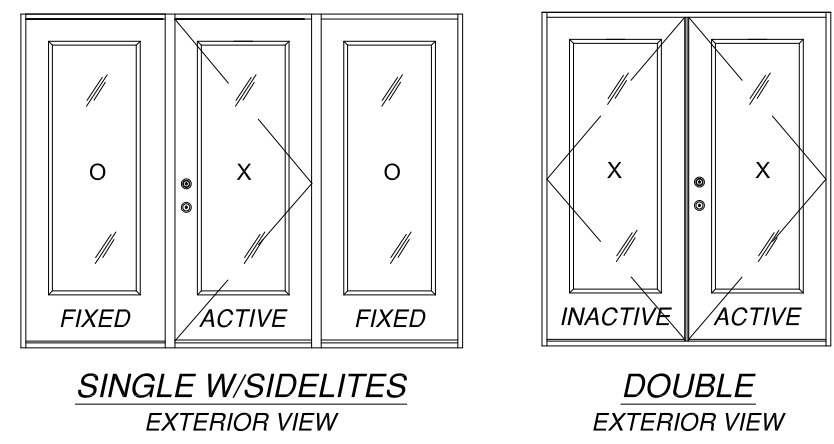
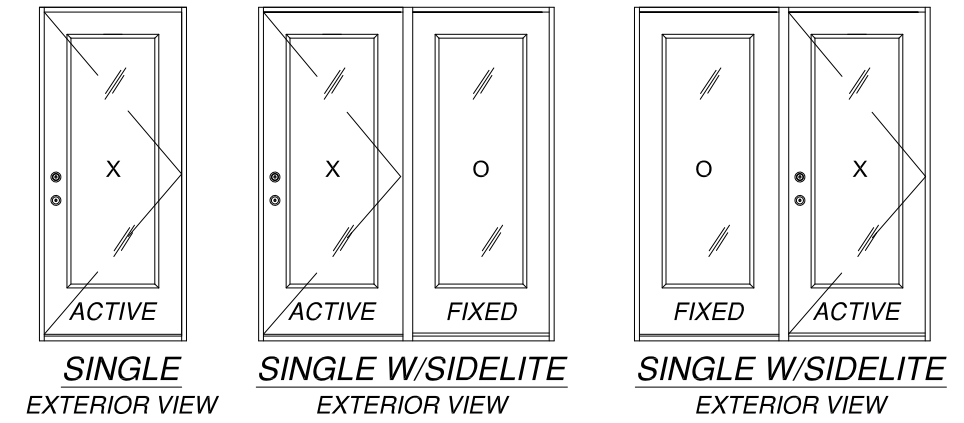
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| PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681 | | |
| 6'8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES NOTES | | |
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 1 OF 32 |
| L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com | | |



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6'8 HERITAGE FIBERGLASS GLAZED INSWING/OUTSWING DOUBLE DOOR W/SIDELITES EXTERIOR VIEW

Approved Configurations and Ratings

| Configuration | | | Max Size | Rating where Water Infiltration is not required (PSF) | Rating where water infiltration is required (psf) | | Impact Rating |
|---------------------|--------|----|--------------|---|---|--------------------|---------------|
| | | | | | Standard Threshold | High Dam Threshold | |
| Single | X | IS | 3'0" x 6'8" | ±52 | +19/-52 | - | None |
| | | OS | | ±55 | +40/-55 | ±55 | |
| Double | XX | IS | 6'0" x 6'8" | ±52 | +19/-52 | - | |
| | | OS | | ±55 | +40/-55 | ±55 | |
| Single w/ Sidelite | OX, XO | IS | 6'0" x 6'8" | ±52 | +19/-52 | - | |
| | | OS | | ±55 | +40/-55 | ±55 | |
| Single w/ Sidelites | OXO | IS | 9'0" x 6'8" | ±52 | +19/-52 | - | |
| | | OS | | ±55 | +40/-55 | ±55 | |
| Double w/ sidelites | OXXO | IS | 12'6" x 6'8" | ±52 | +19/-52 | - | |
| | | OS | | ±55 | +40/-55 | ±55 | |

35 3/4" X 79 1/4" PANELS SHOWN. OTHER PANEL SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

NOTE:

- ALL APPROVED CONFIGURATIONS CAN BE INSWING OR OUTSWING MODELS. ALL APPROVED CONFIGURATIONS ARE SHOWN AS RIGHT HAND ACTIVE, LEFT HAND ACTIVE IS ALSO APPROVED.
- FOR LITE OPTIONS SEE SHEET 29

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HARDWARE SCHEDULE

- A. F-SERIES ASSEMBLY DOOR KNOB BY SCHLAGE.
- B. B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
- C. F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
- D. EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY (ALTERNATE)
- E. TRILLENIUM MULTI-POINT LOCK HANDLE ASSEMBLY (ALTERNATE)
- F. INSWING HURRICANE ASTRAGAL BY ENDURA
- G. OUTSWING HURRICANE ASTRAGAL BY ENDURA
- H. (4) 4" X 4" BALL BEARING HINGES BY PENROD
- I. (3) 4" X 4" SPRING BOMMER HINGES BY PENROD

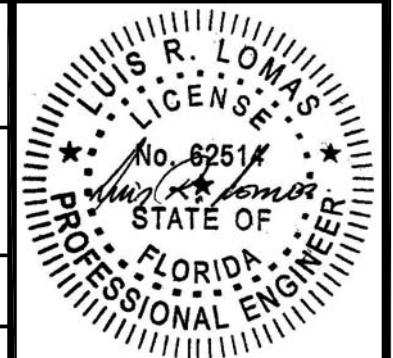
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6'8 HERITAGE FIBERGLASS GLAZED IS/OS
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ELEVATIONS

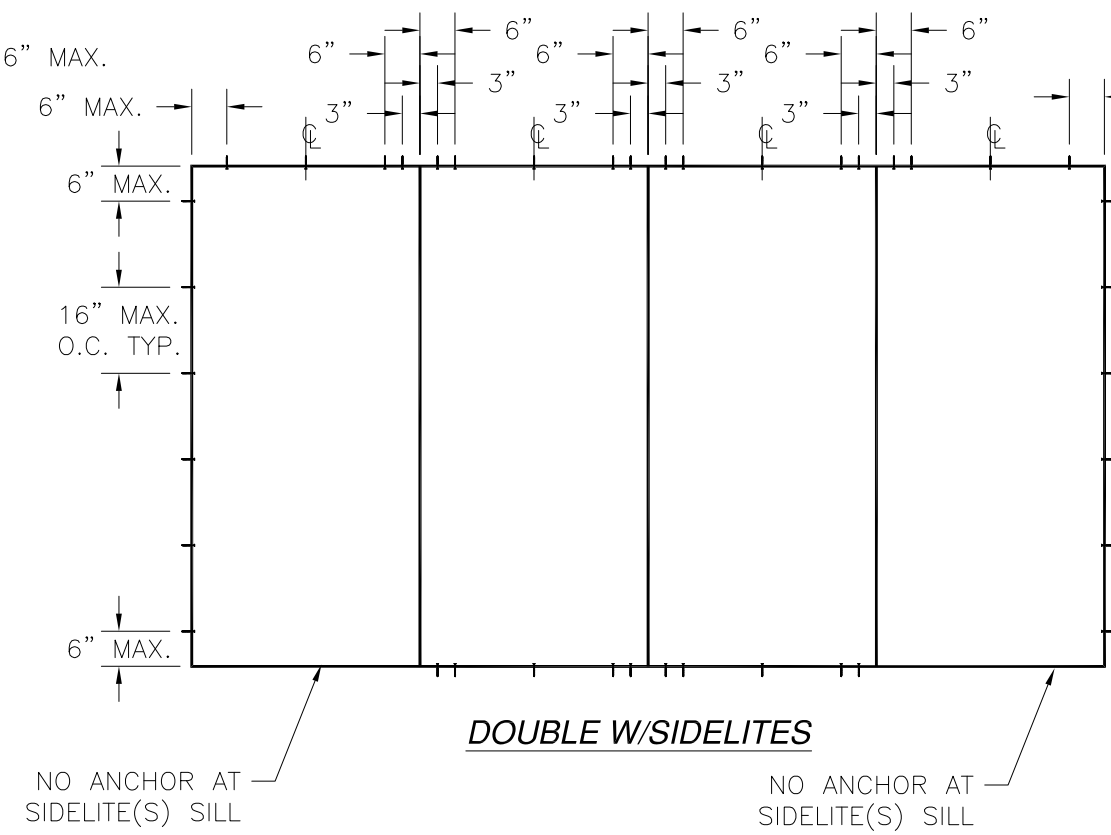
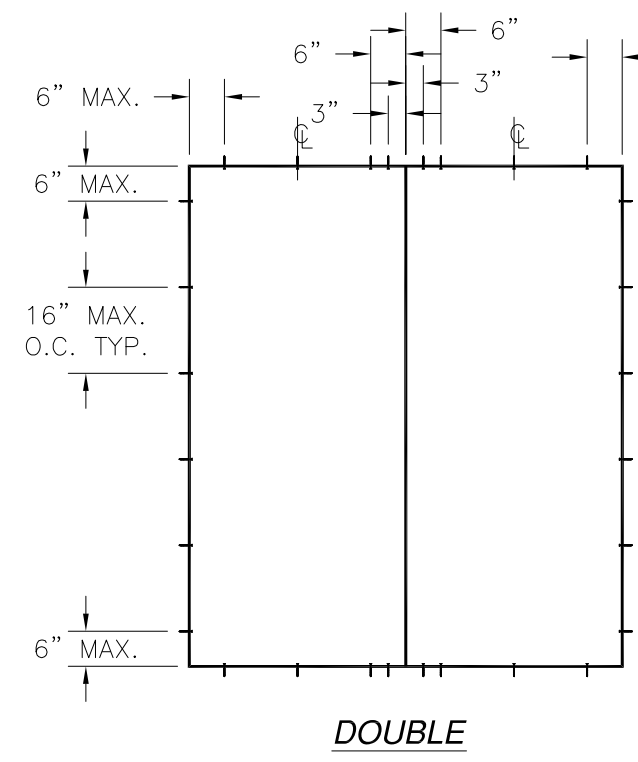
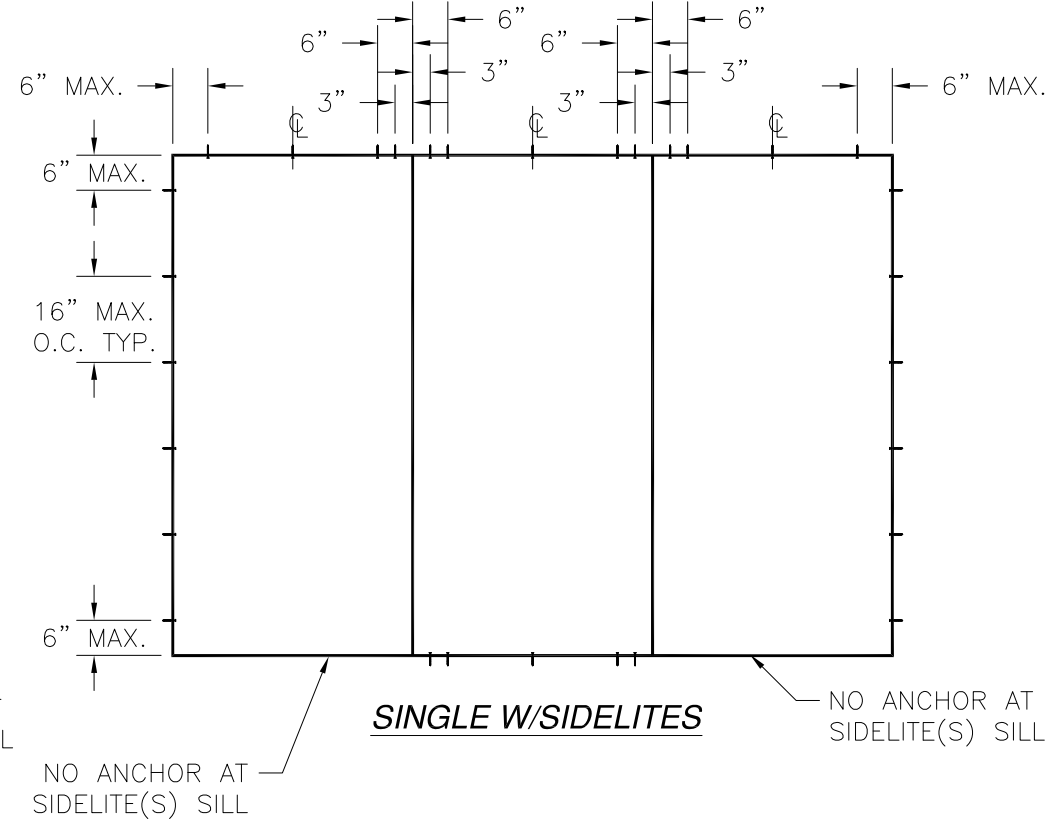
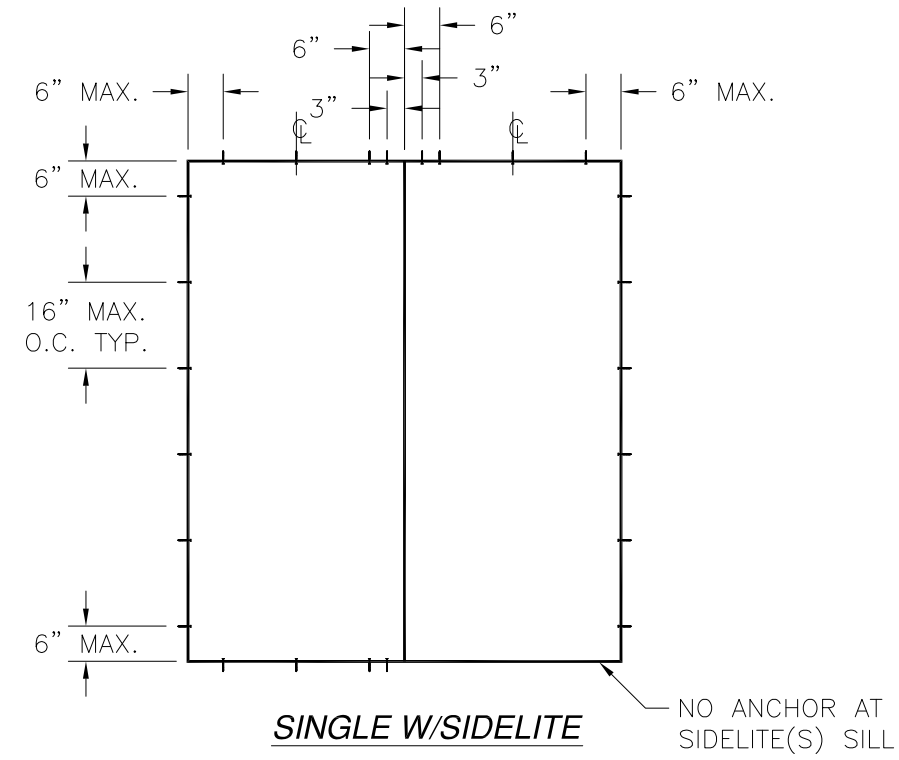
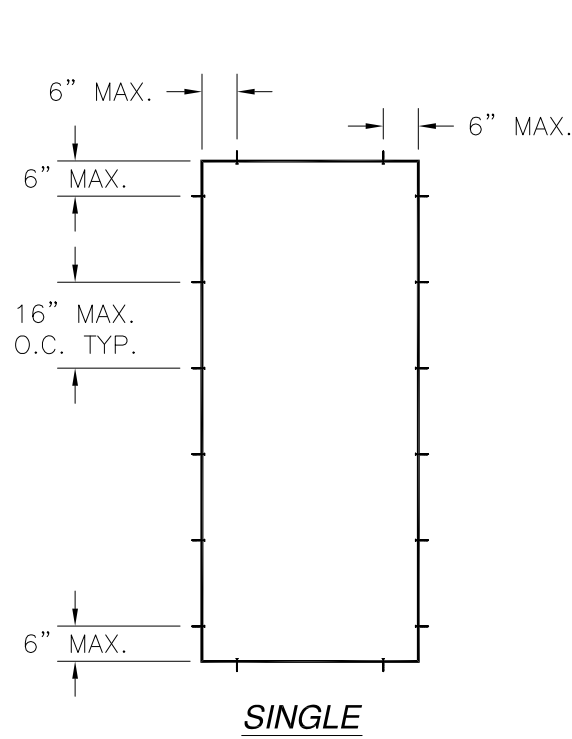
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| SCALE NTS | DATE 10/03/11 | SHEET 2 OF 32 |

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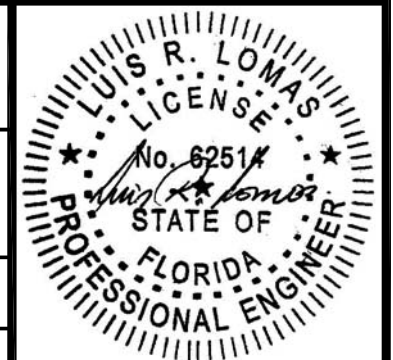
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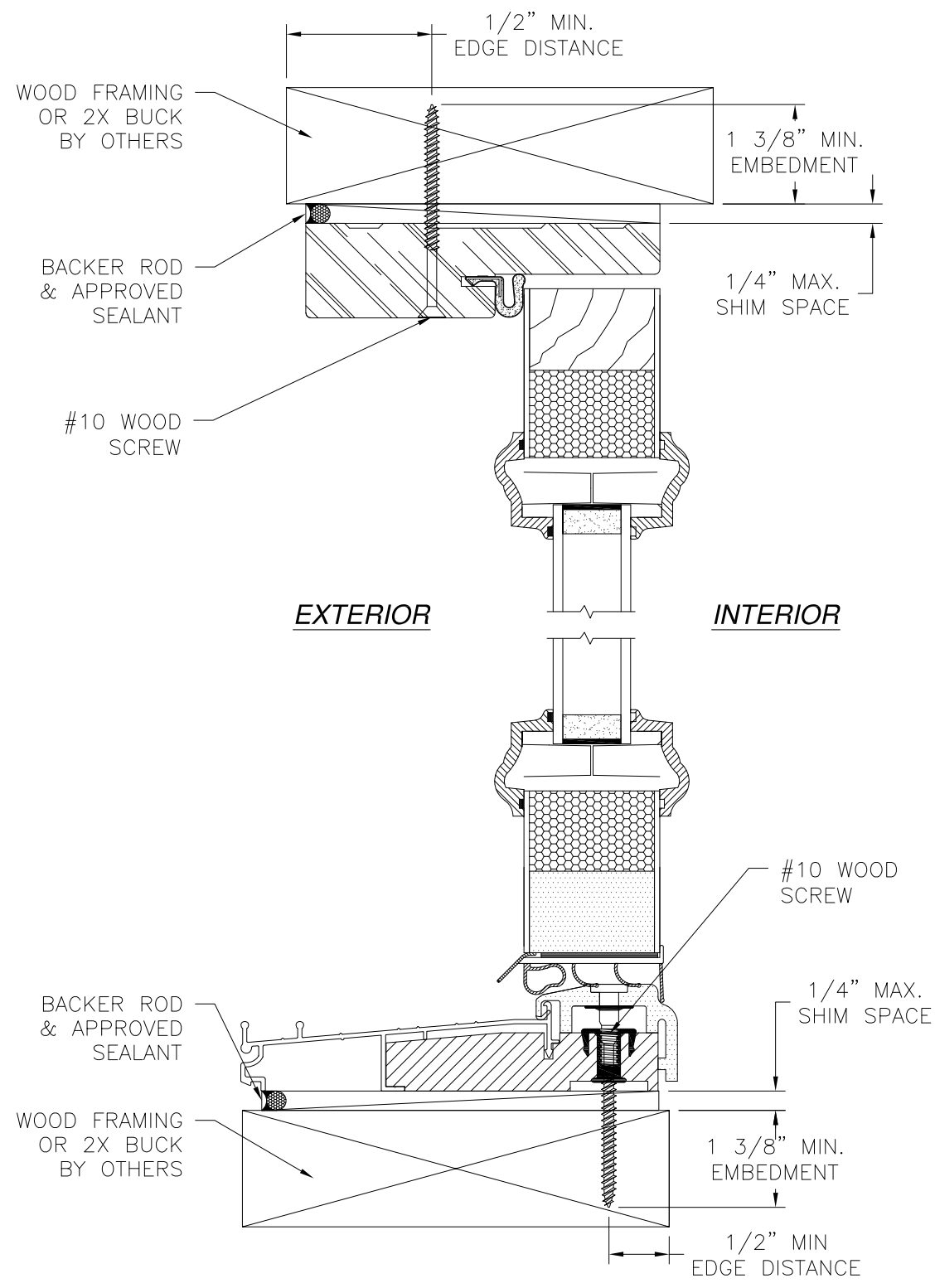
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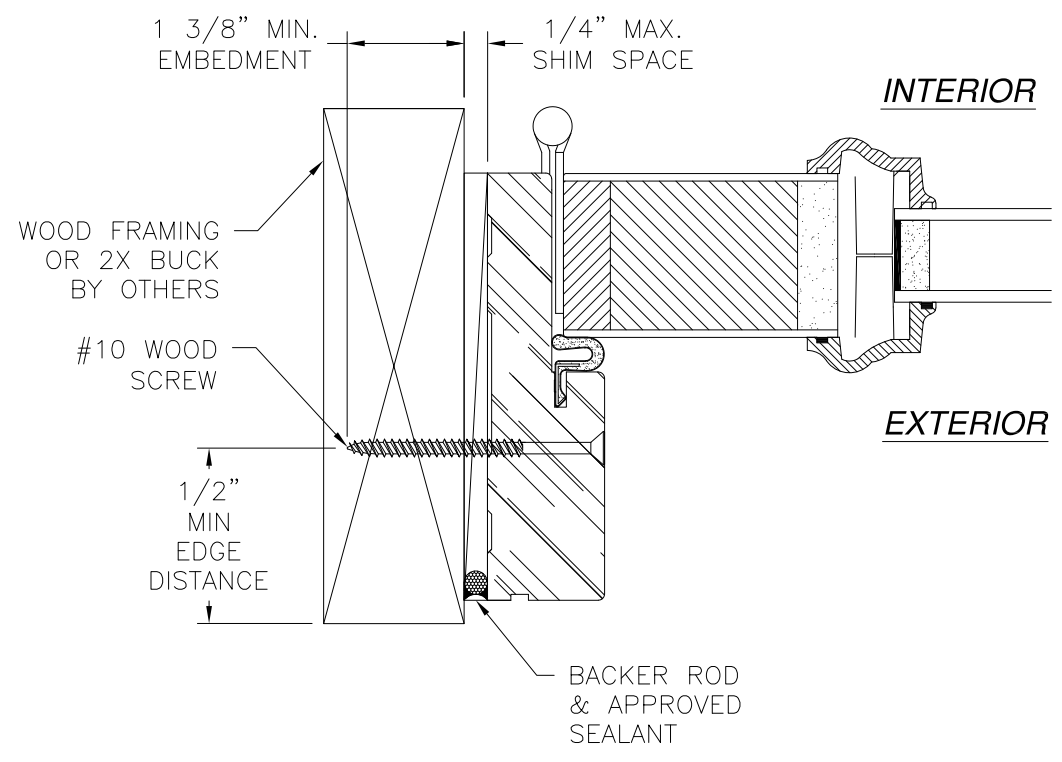


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

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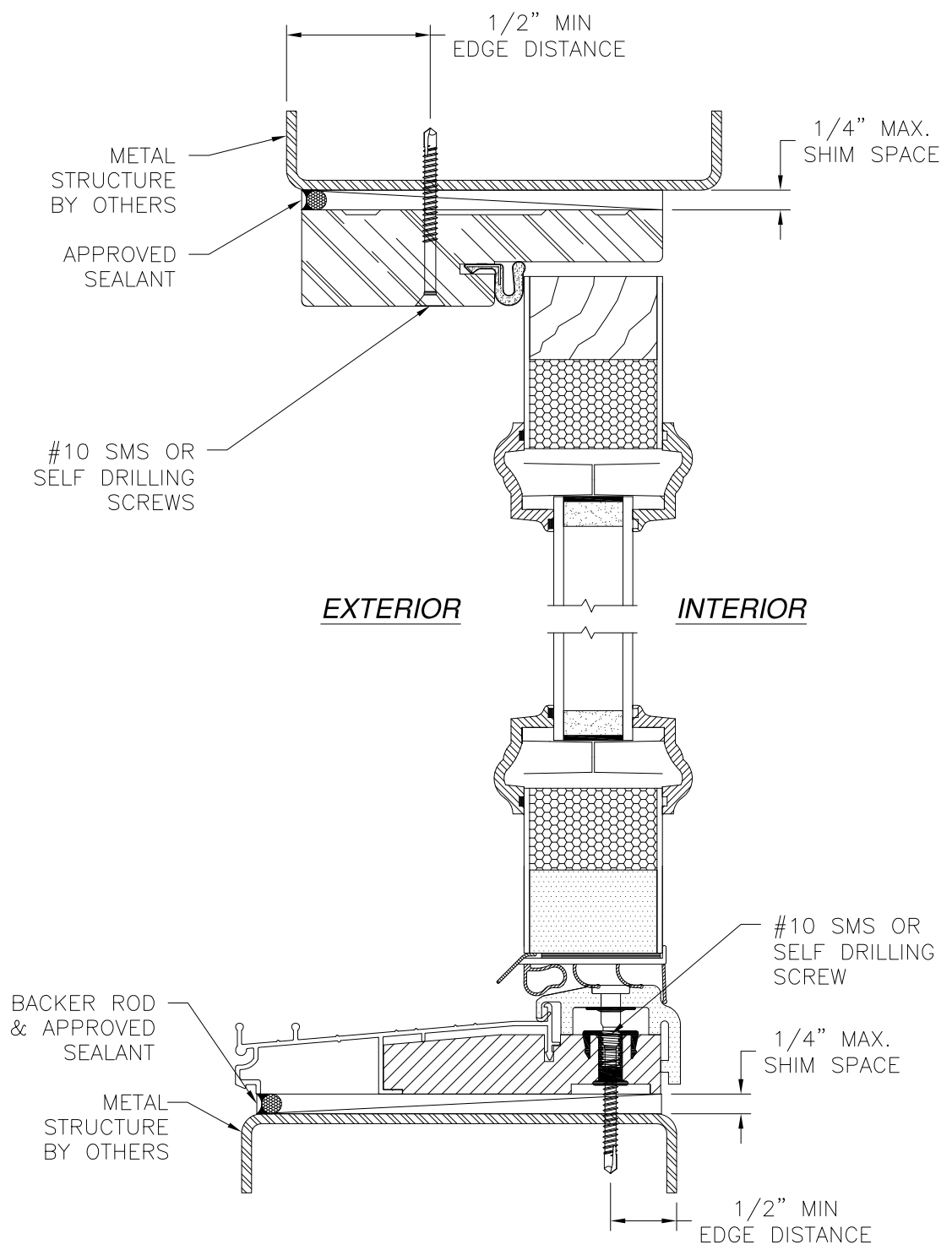
6'8 HERITAGE FIBERGLASS GLAZED IS/OS
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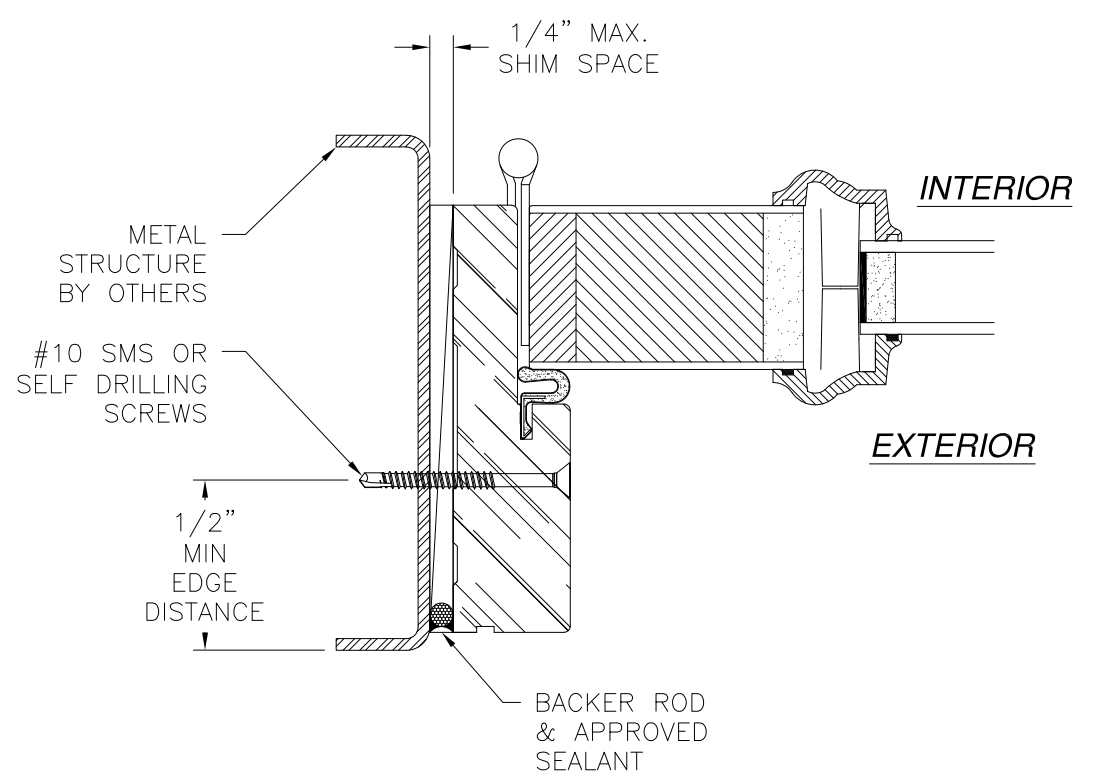
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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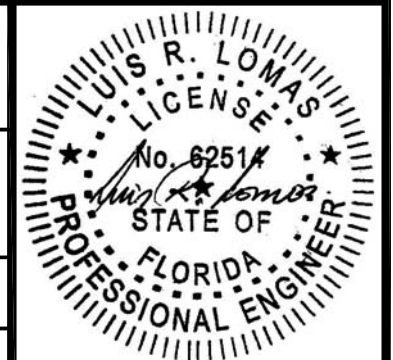
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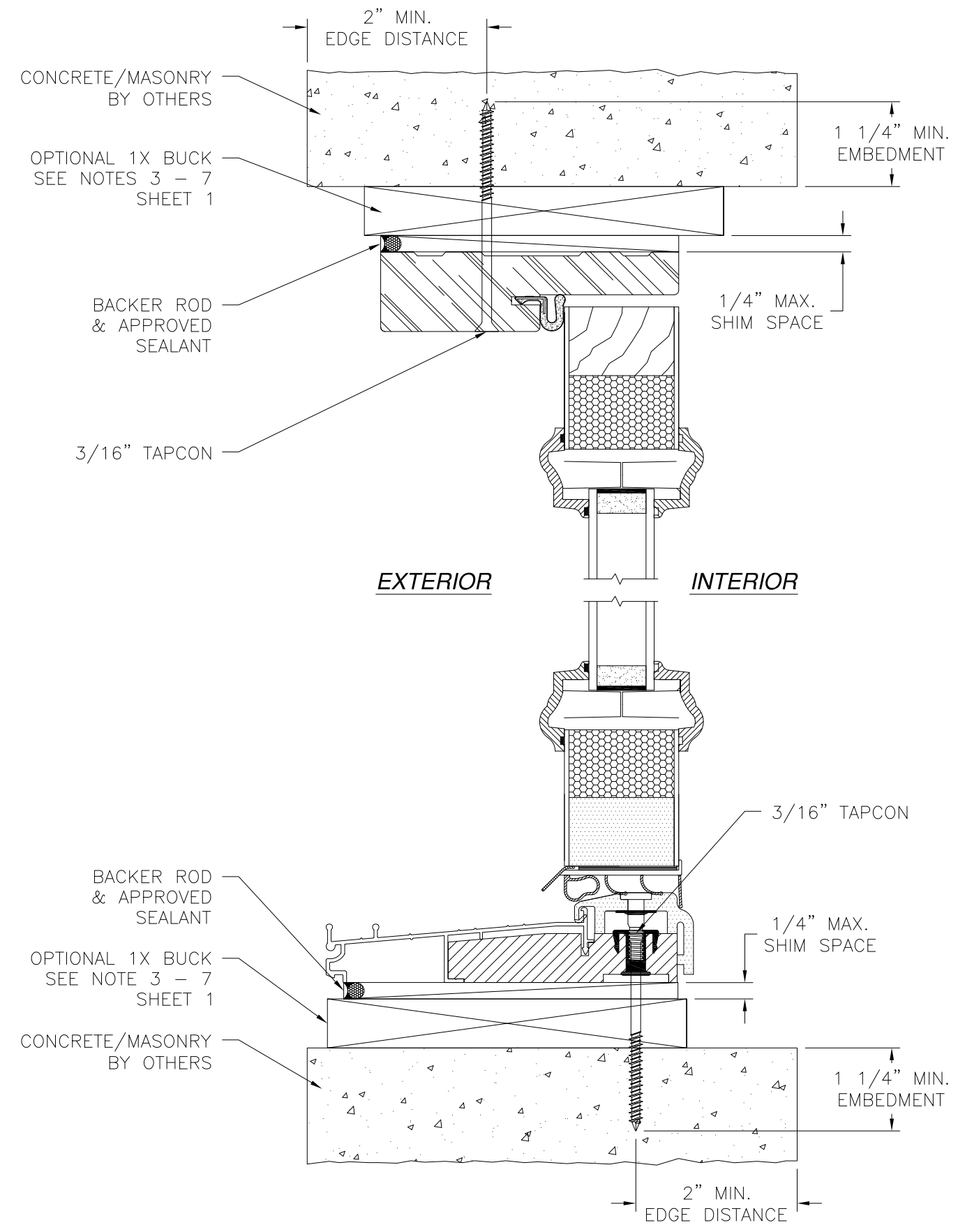
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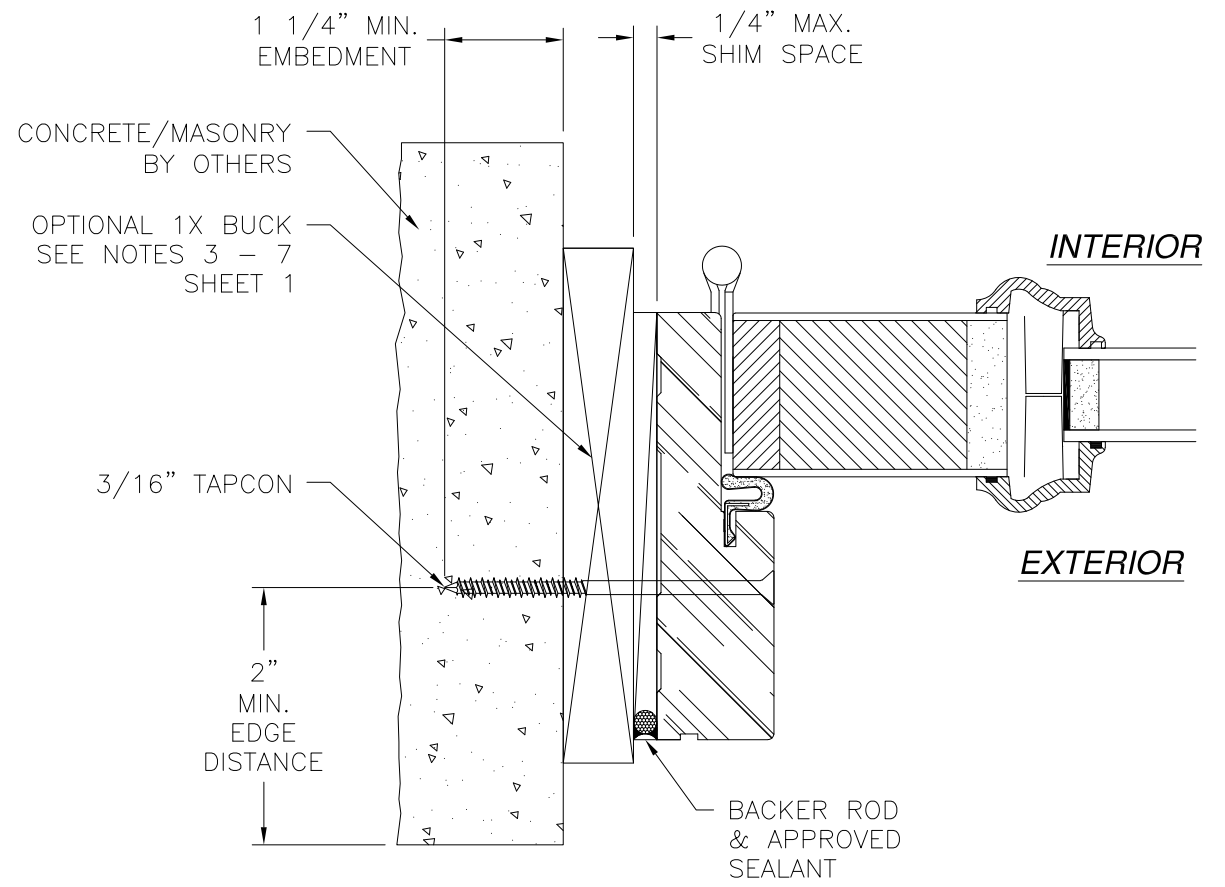


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



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CONCRETE/MASONRY INSTALLATION

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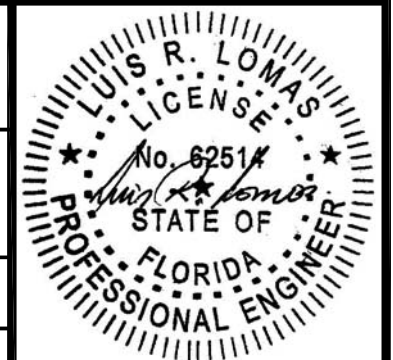
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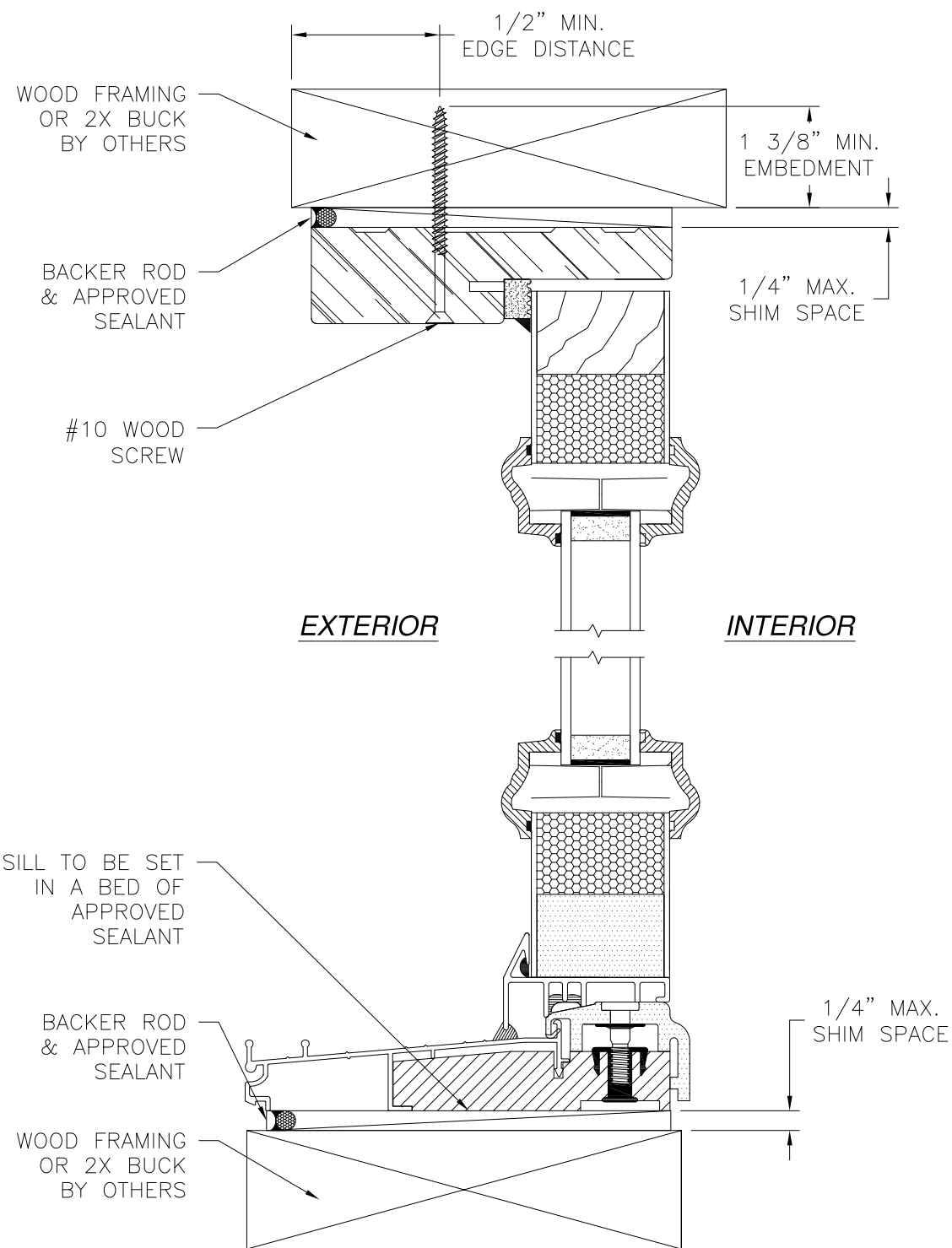
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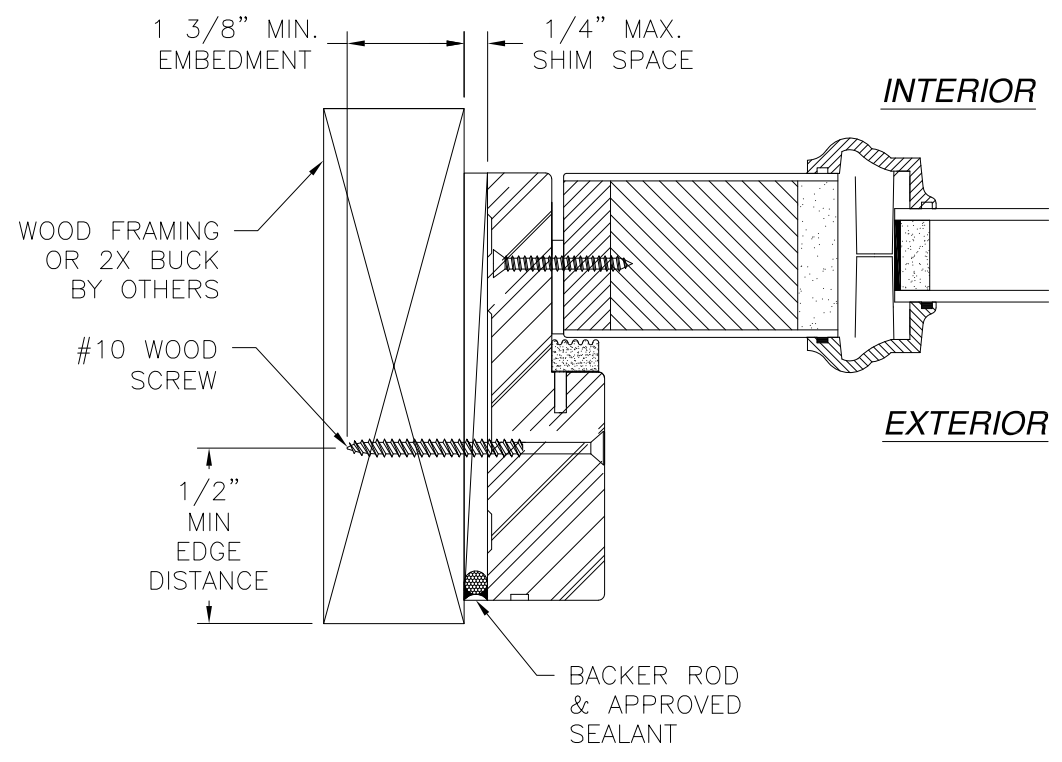
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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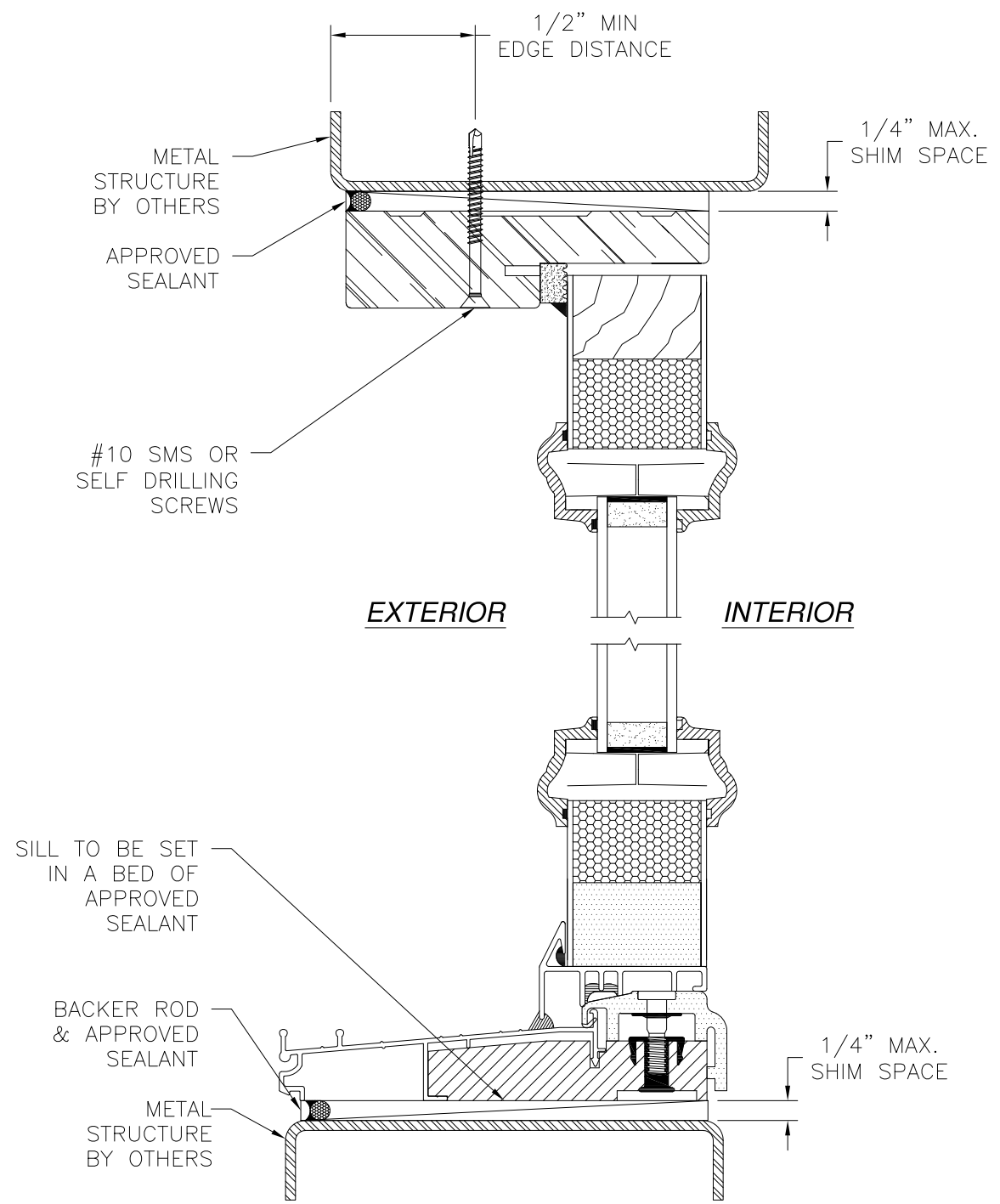
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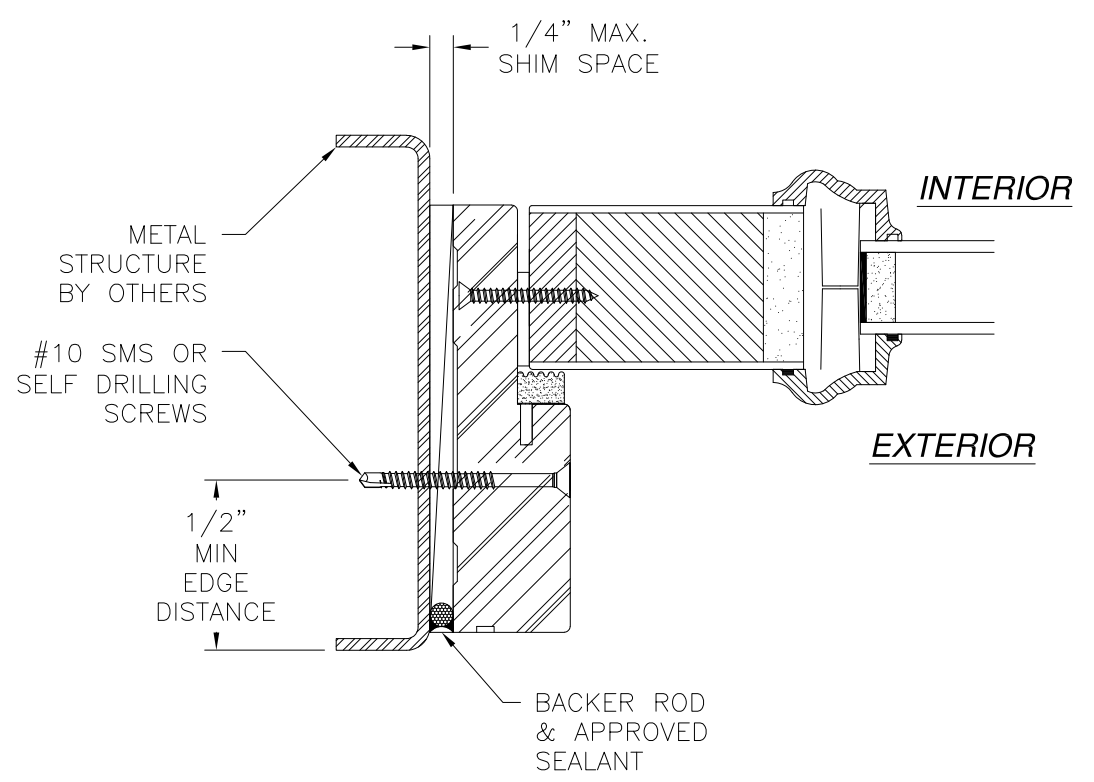


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
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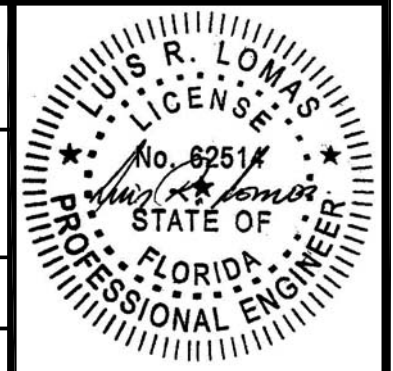
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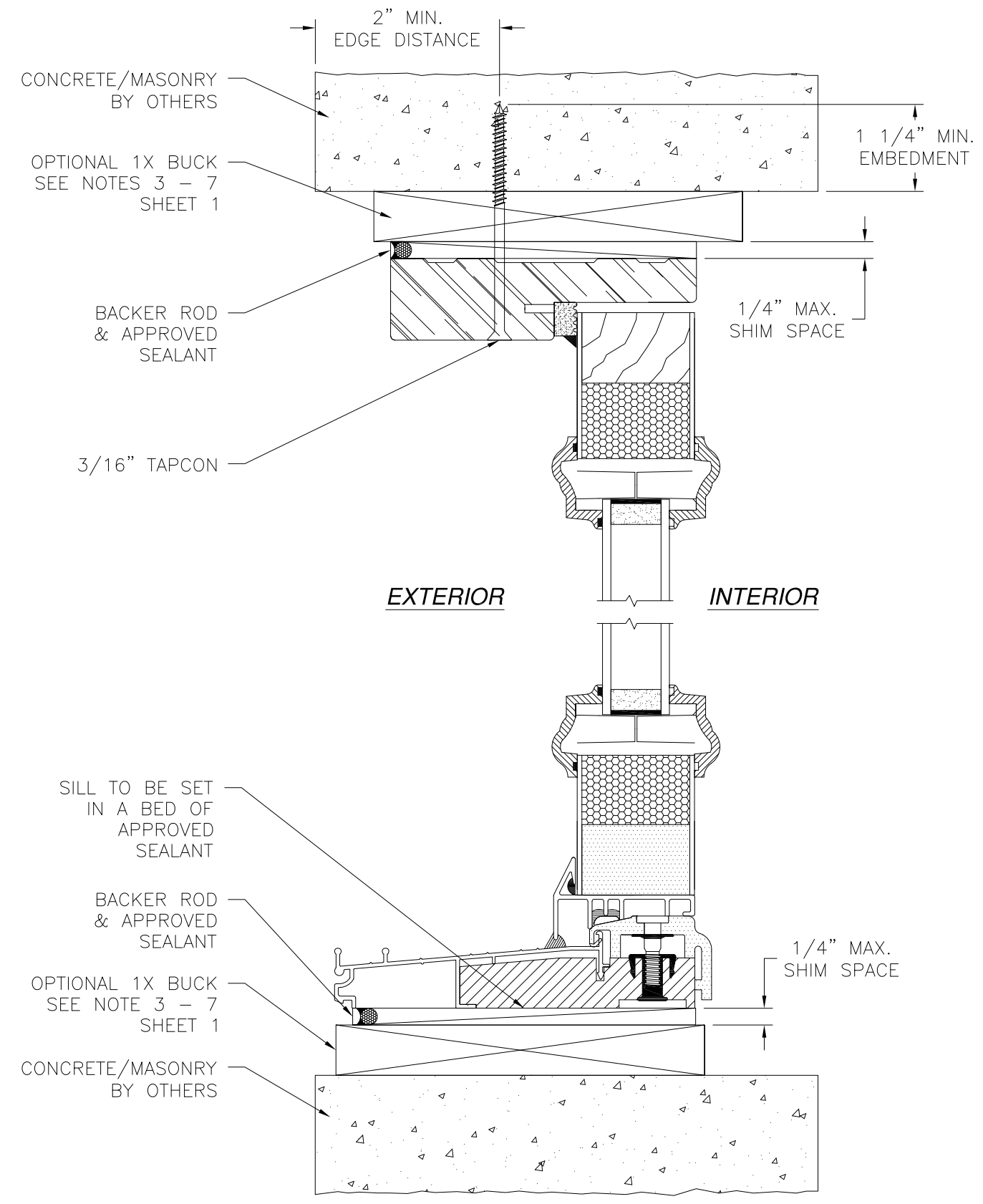
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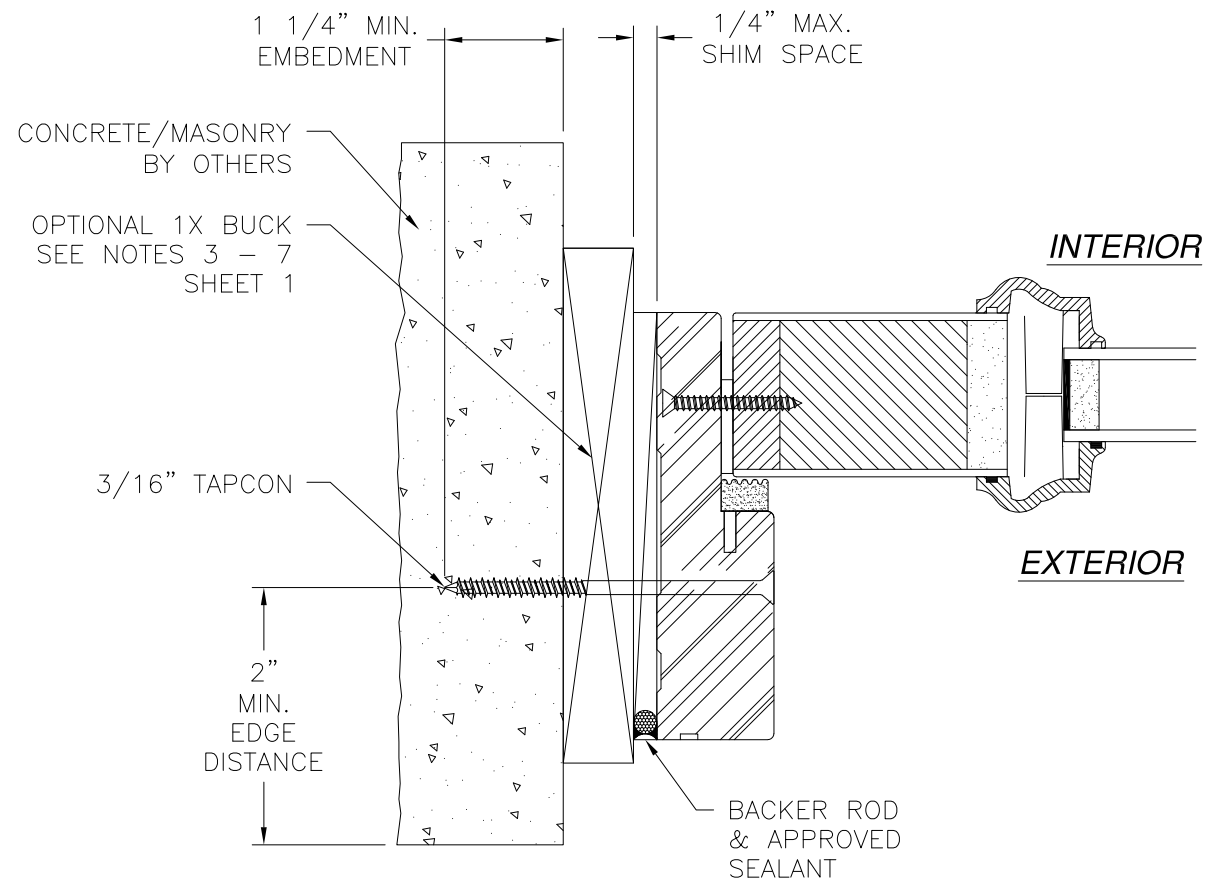


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**VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION**



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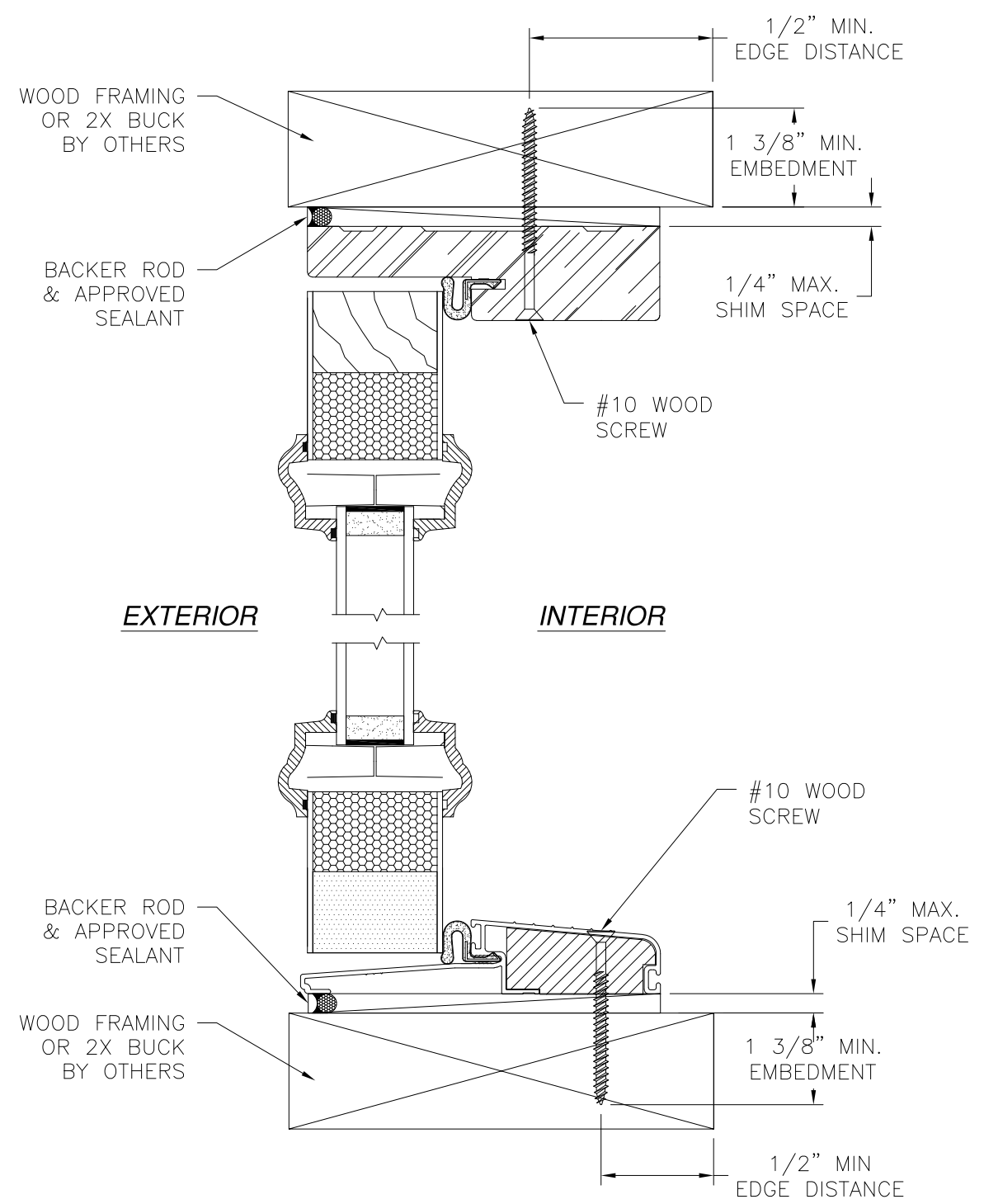
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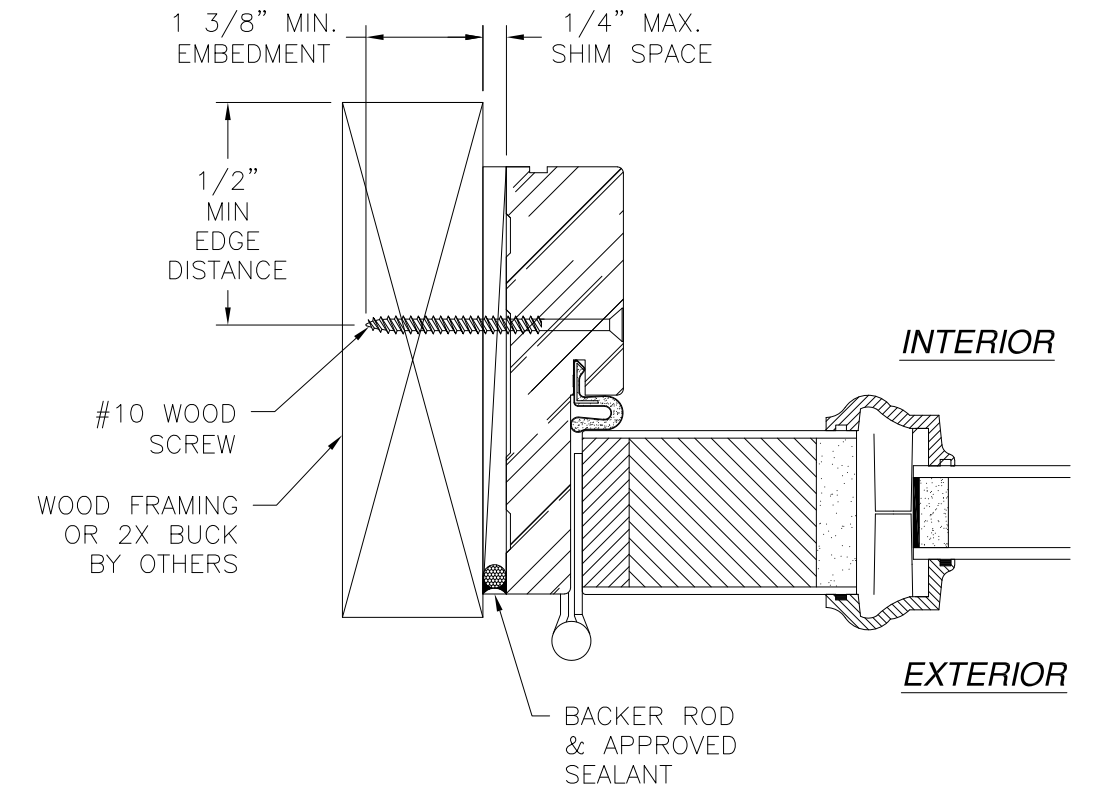


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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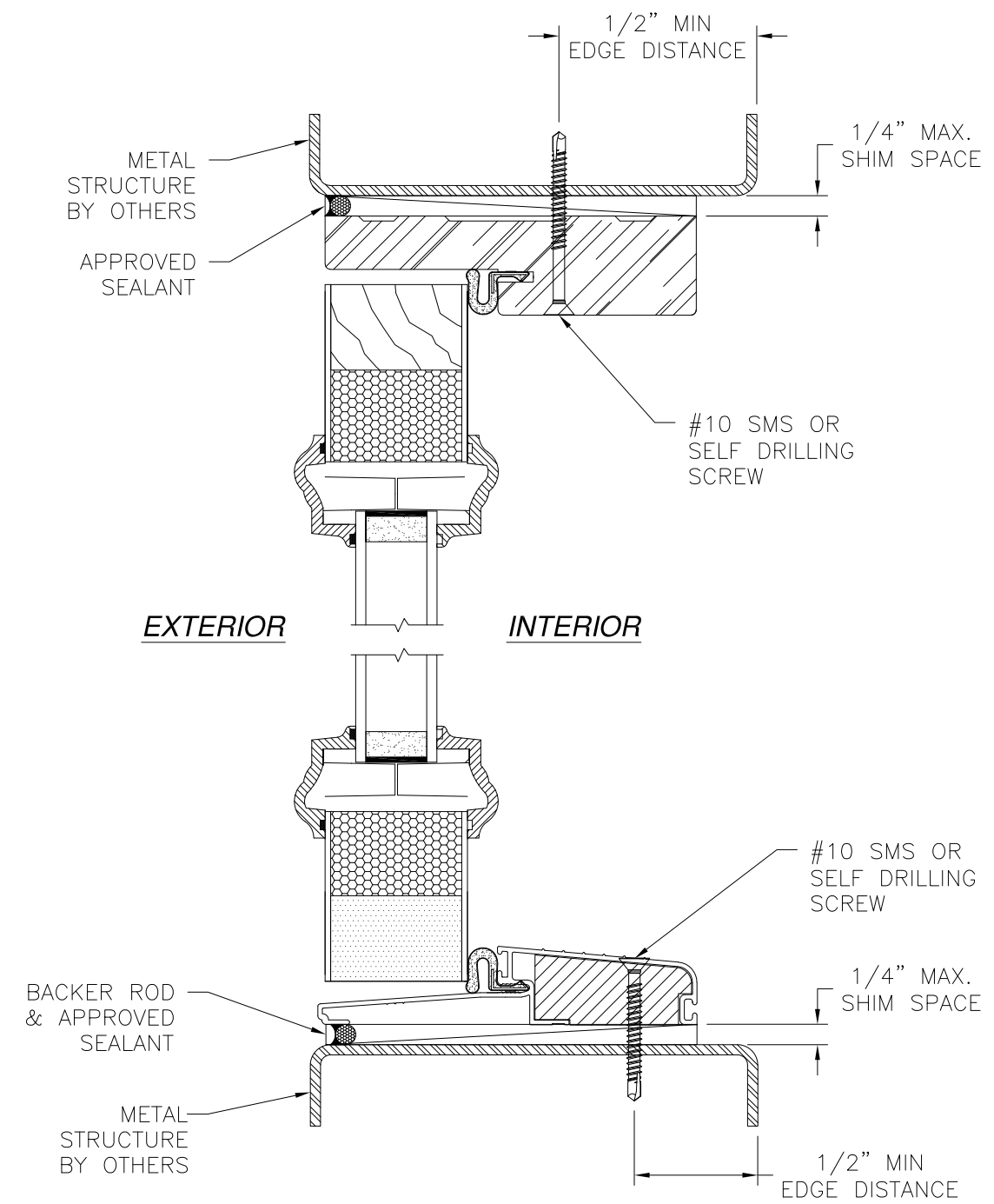
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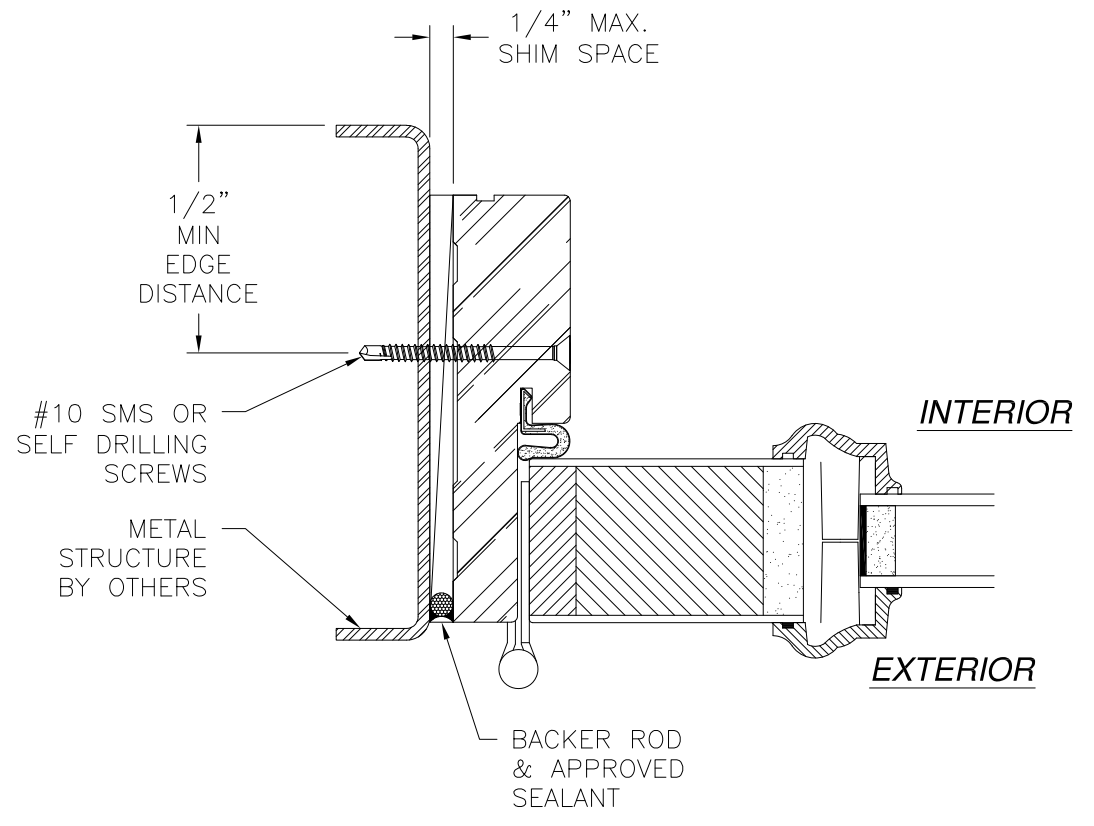


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| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

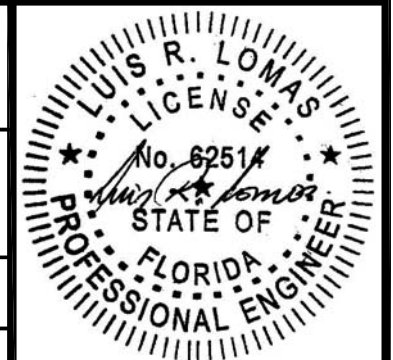
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS DOOR INSTALLATION DETAILS

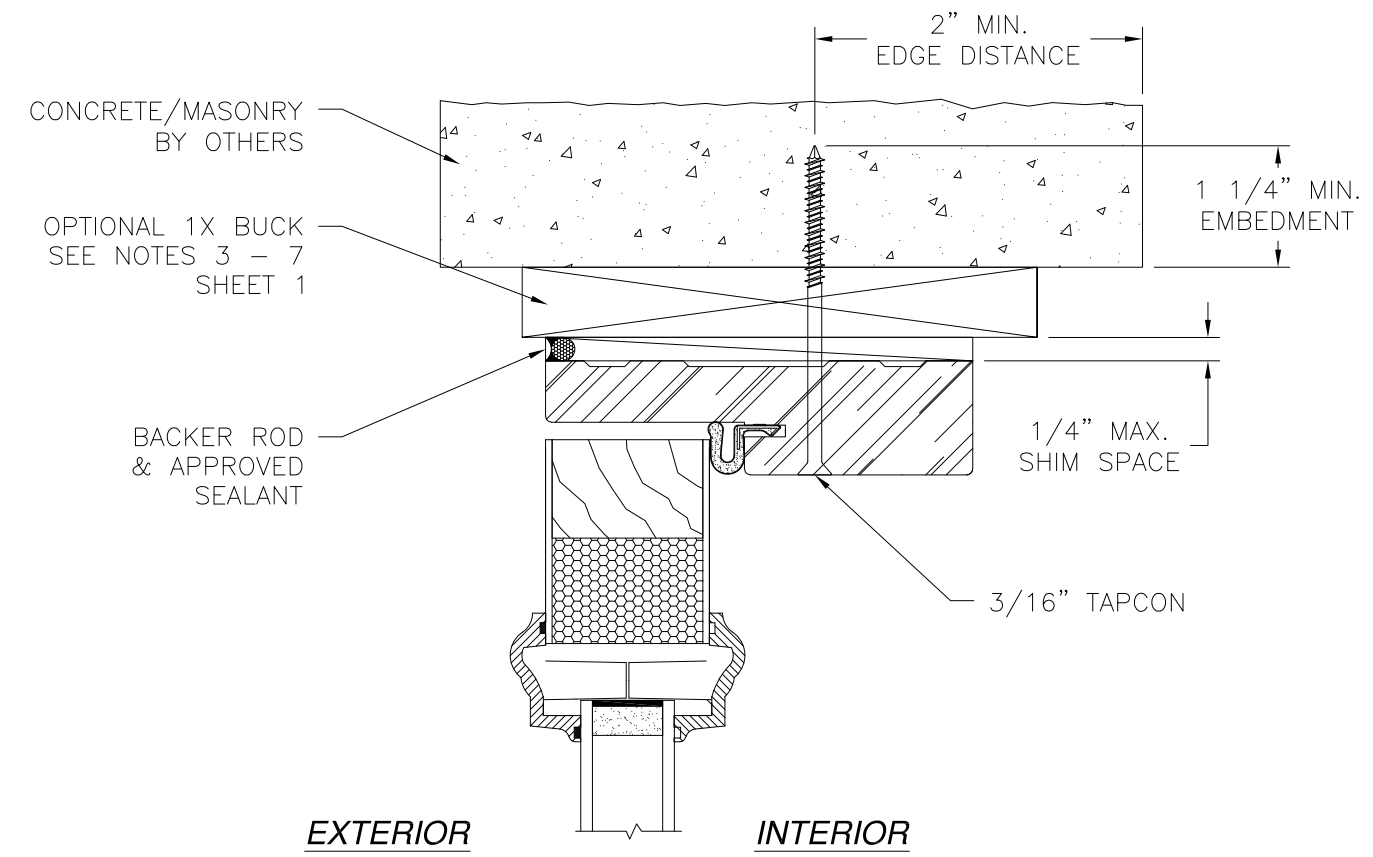
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 11 OF 32 |

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

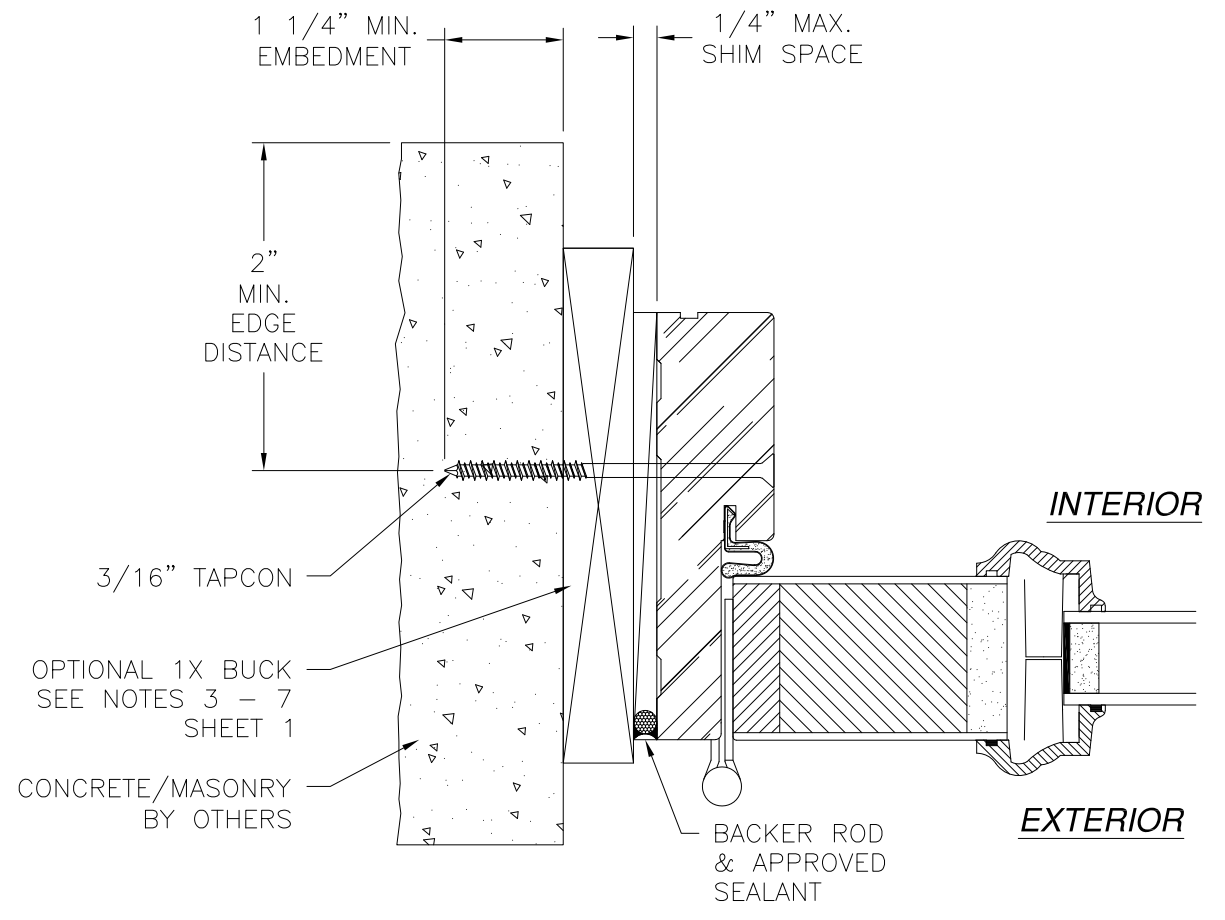


Luis R. Lomas P.E.
 FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



**VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION**



**JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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

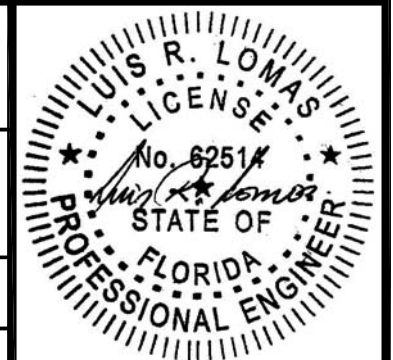
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS DOOR INSTALLATION DETAILS

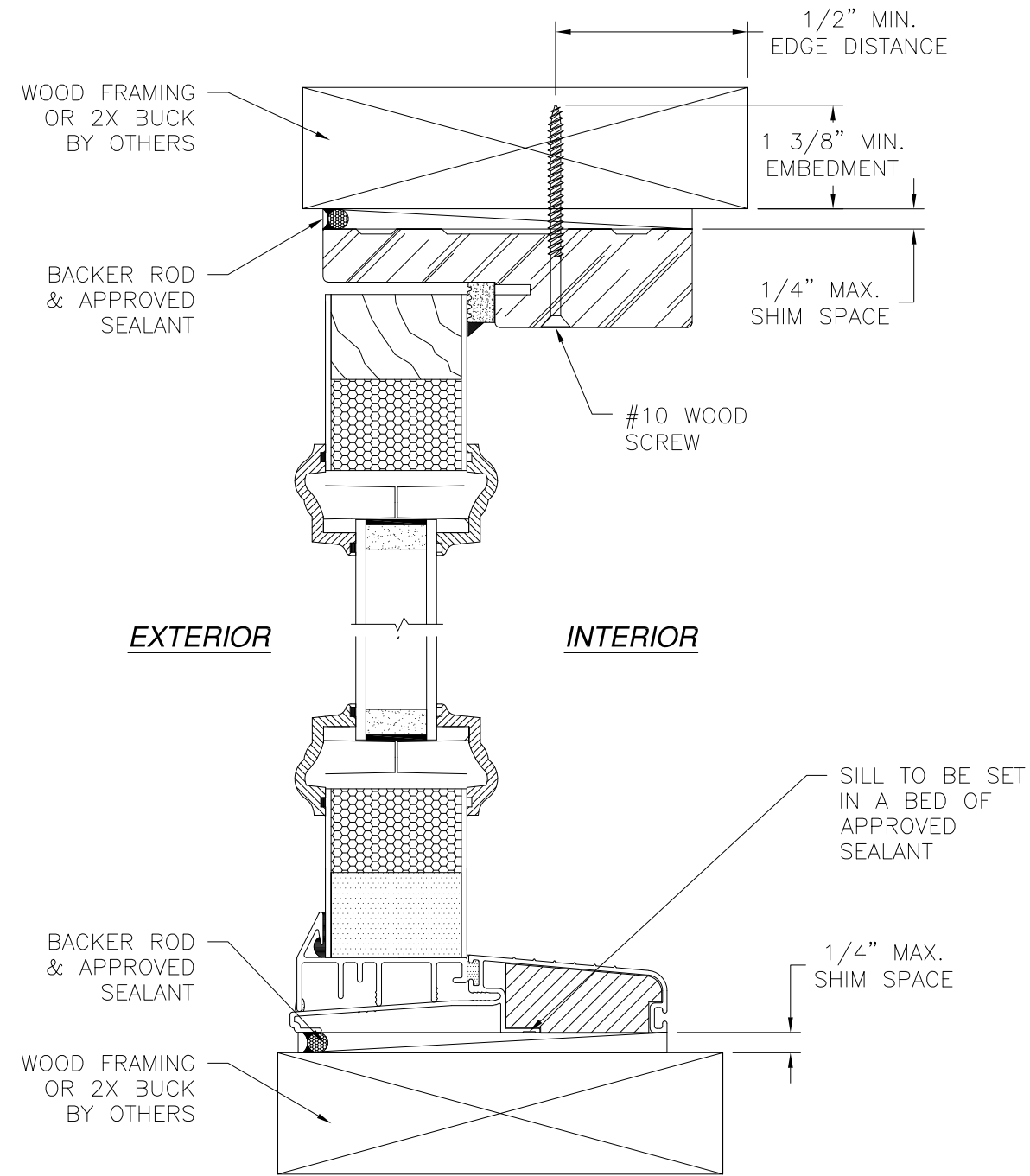
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 12 OF 32 |

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 |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



EXTERIOR

INTERIOR

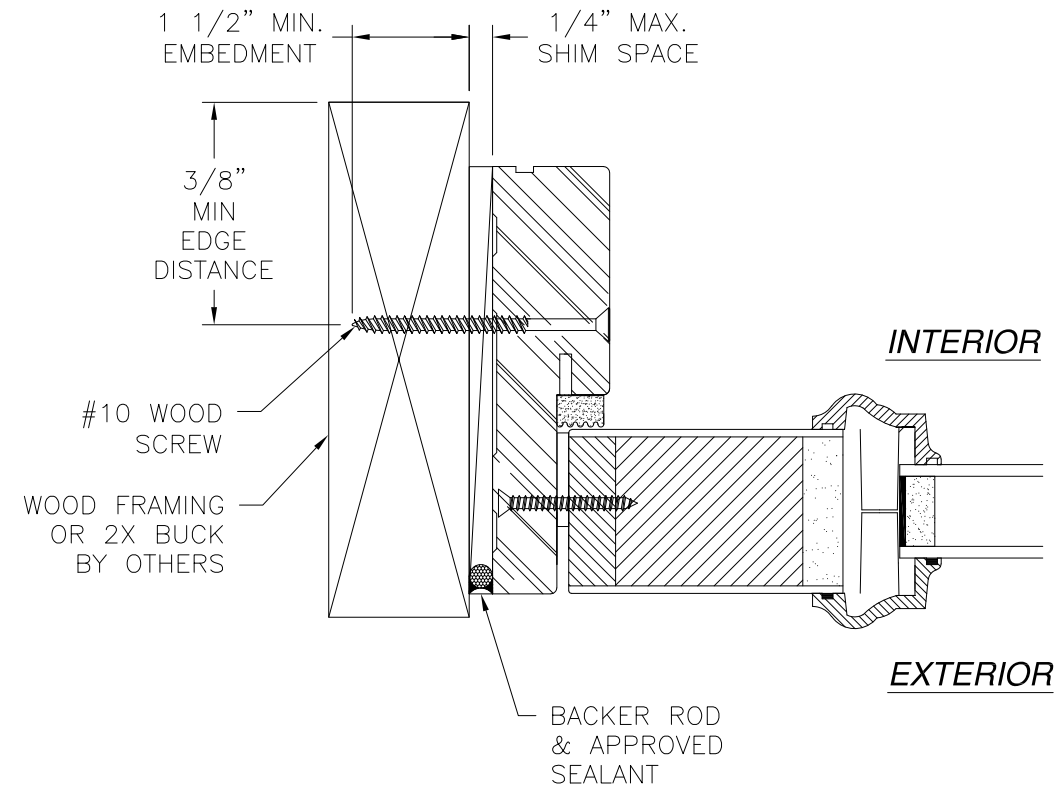
SILL TO BE SET
IN A BED OF
APPROVED
SEALANT

1/4" MAX.
SHIM SPACE

BACKER ROD
& APPROVED
SEALANT

WOOD FRAMING
OR 2X BUCK
BY OTHERS

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



INTERIOR

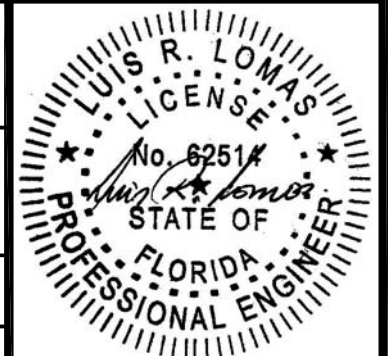
EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK 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

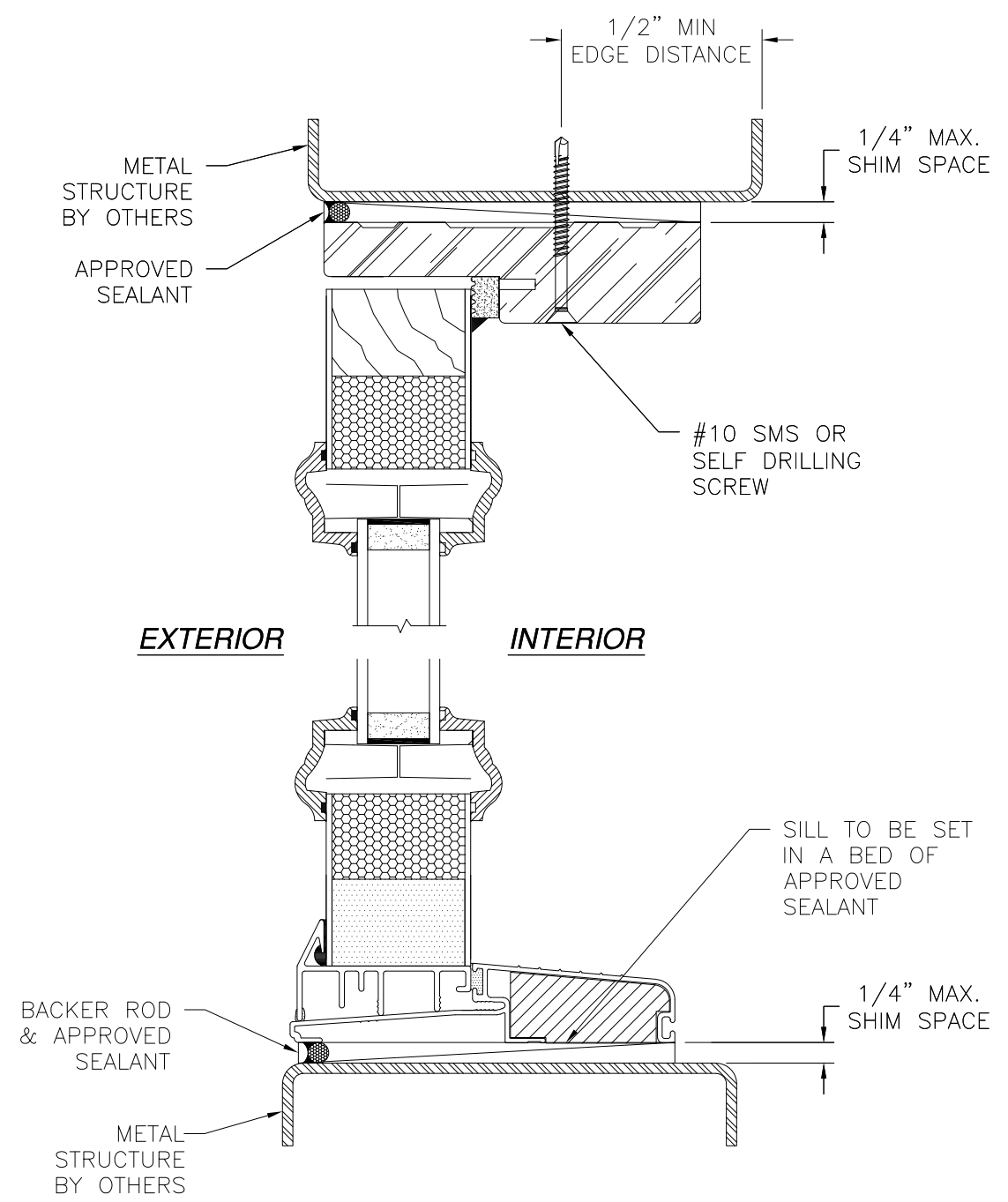
SIGNED: 02/02/2021

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| PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681 | | |
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 13 OF 32 |
| L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com | | |

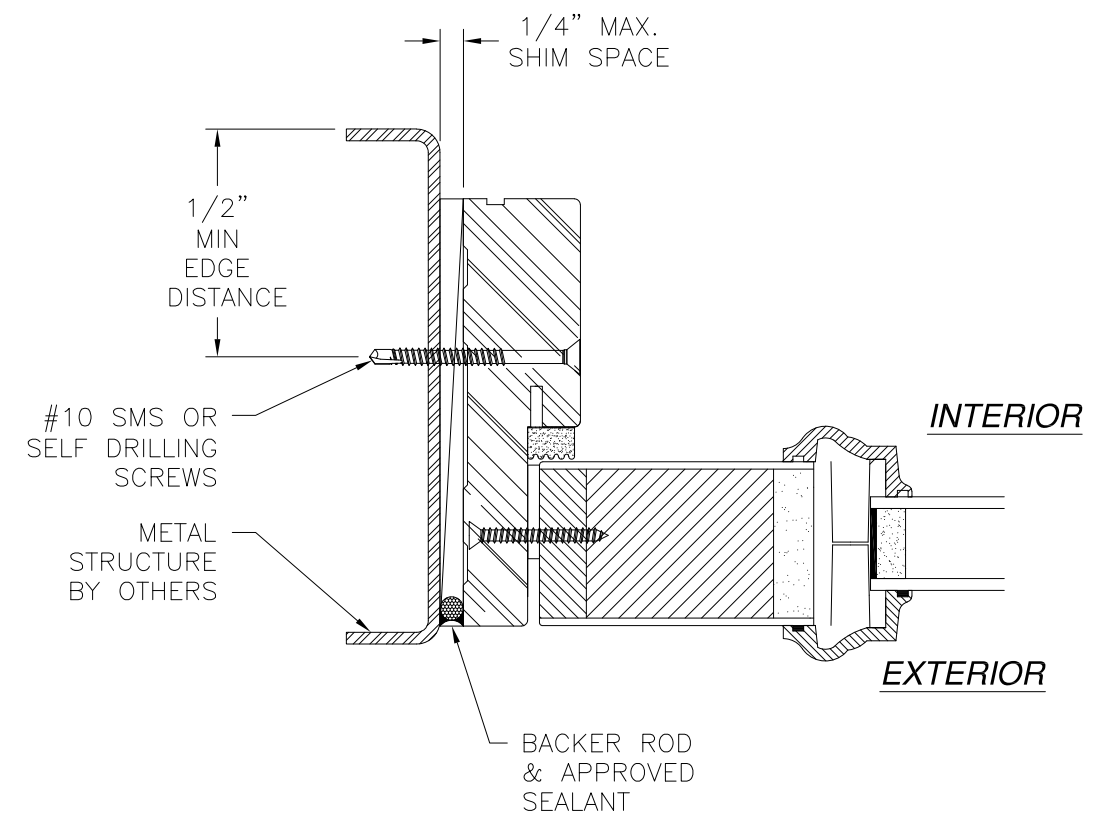


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FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

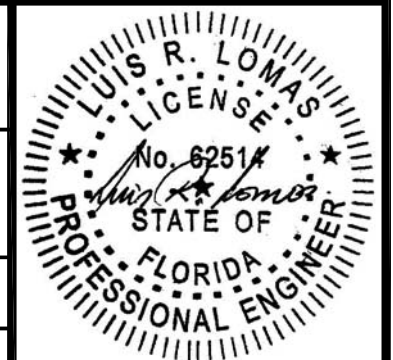
SIGNED: 02/02/2021

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

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 OS SIDELITE INSTALLATION DETAILS

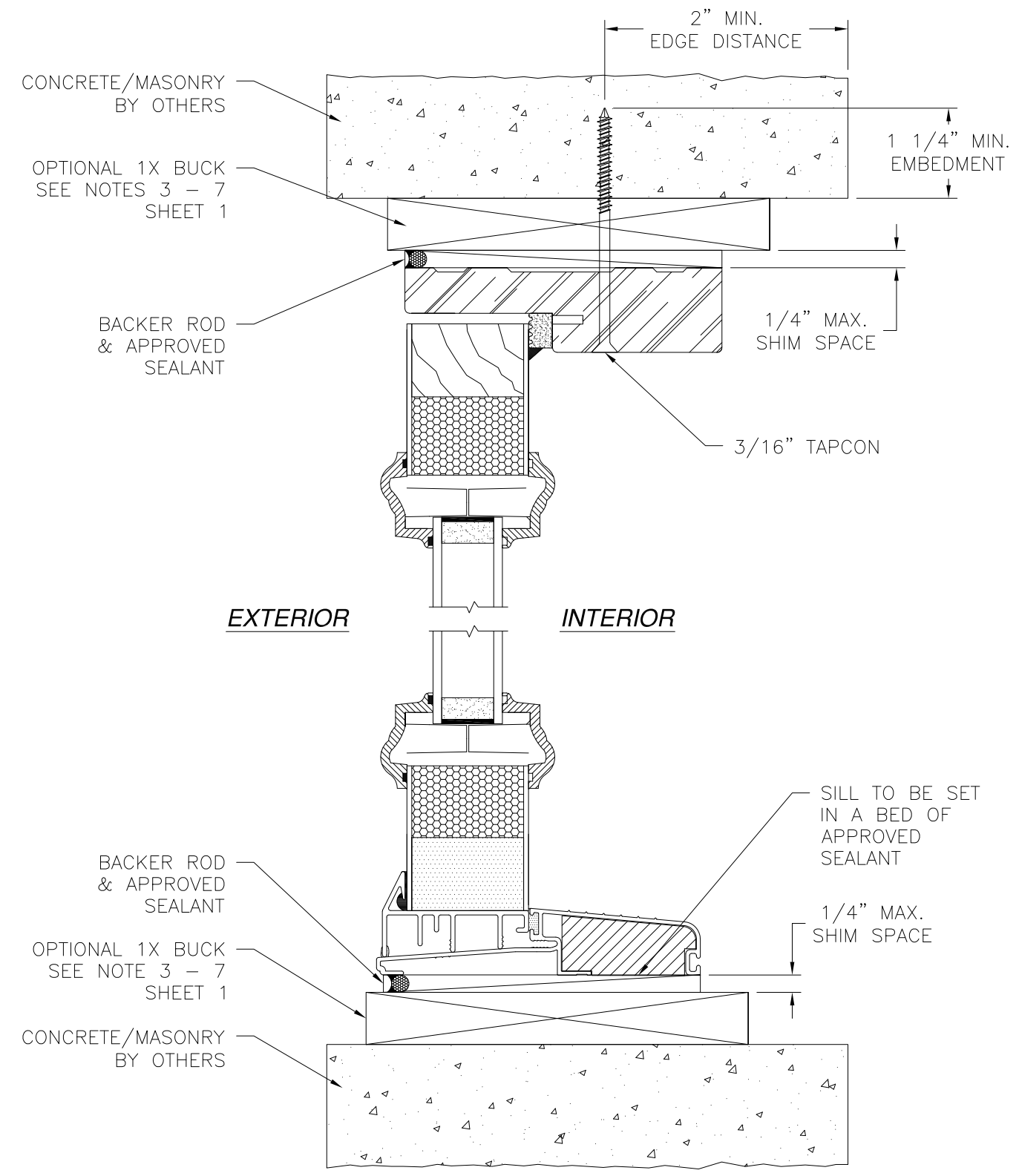
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 14 OF 32 |

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

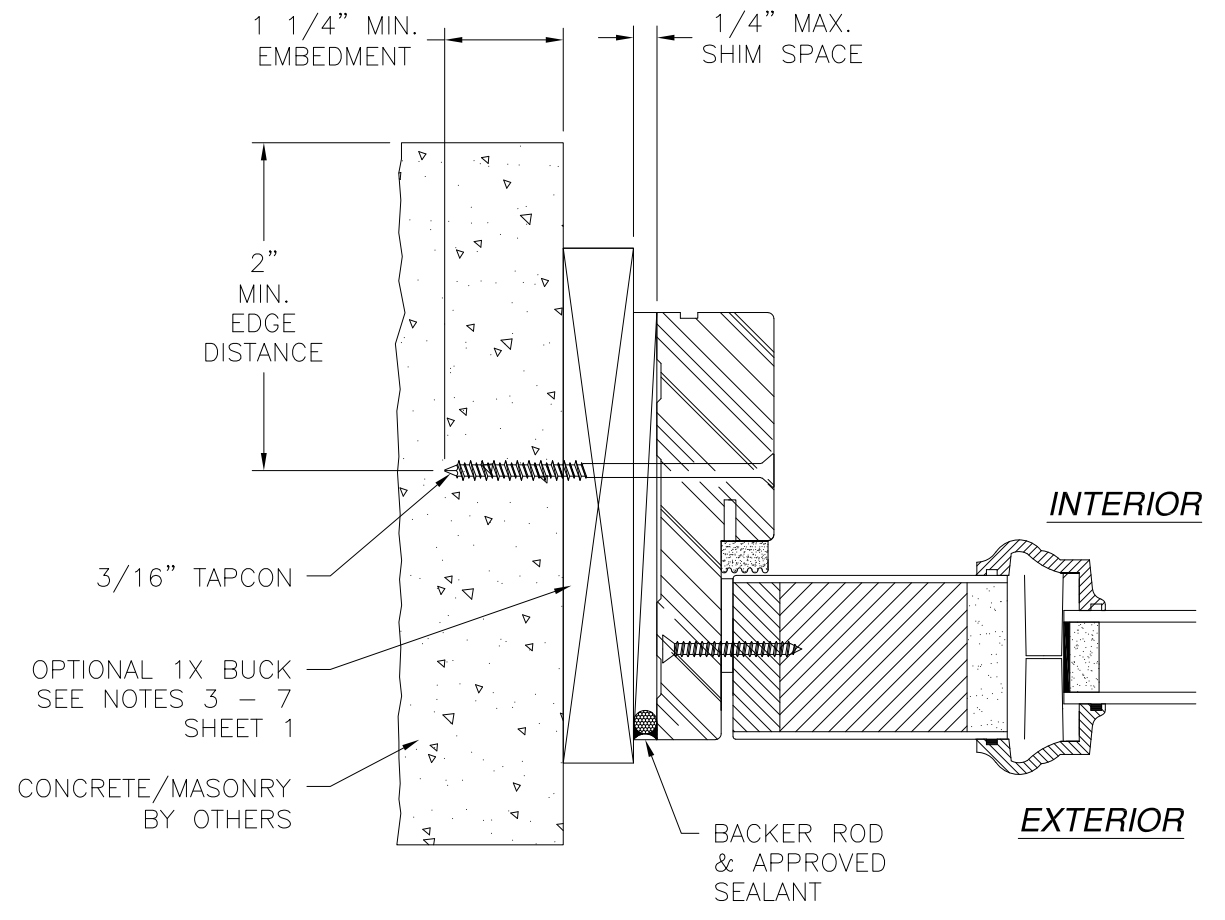


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 FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

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

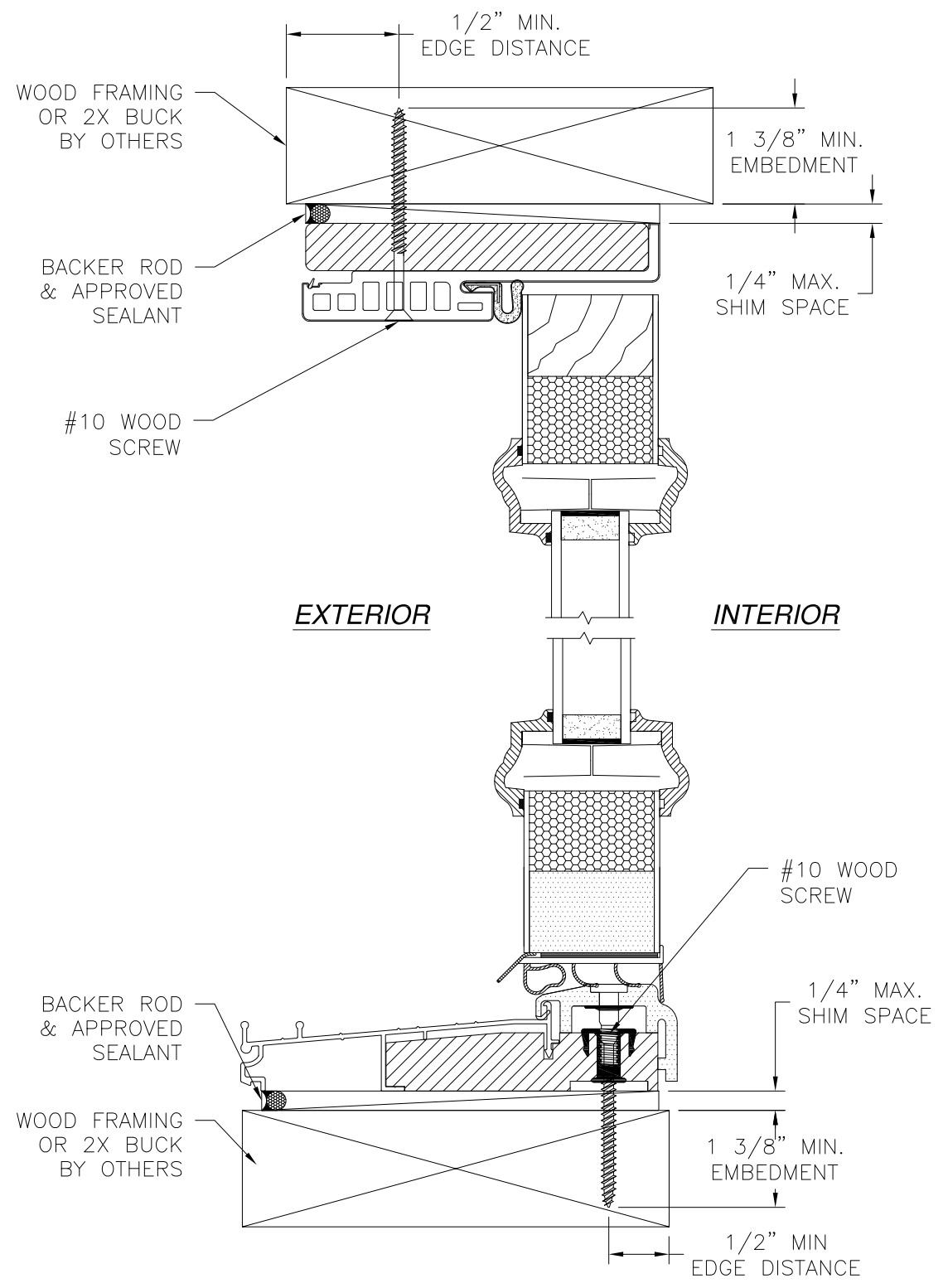
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DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS SIDELITE INSTALLATION DETAILS

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| SCALE NTS | DATE 10/03/11 | SHEET 15 OF 32 |

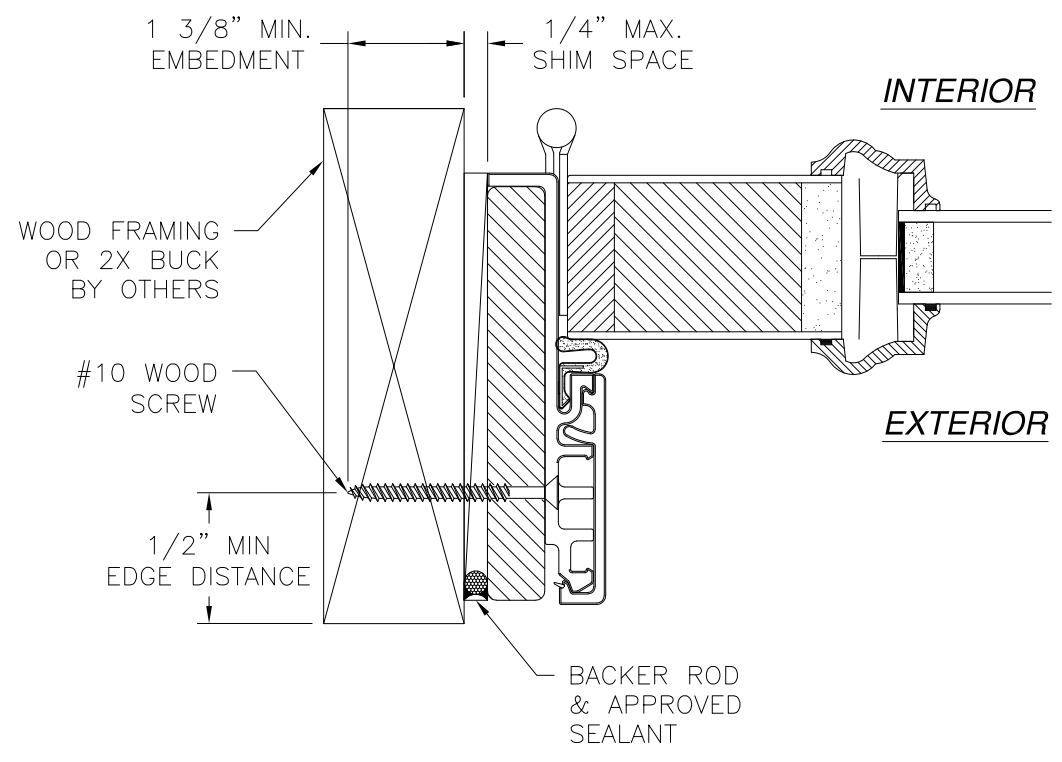
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com

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

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

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

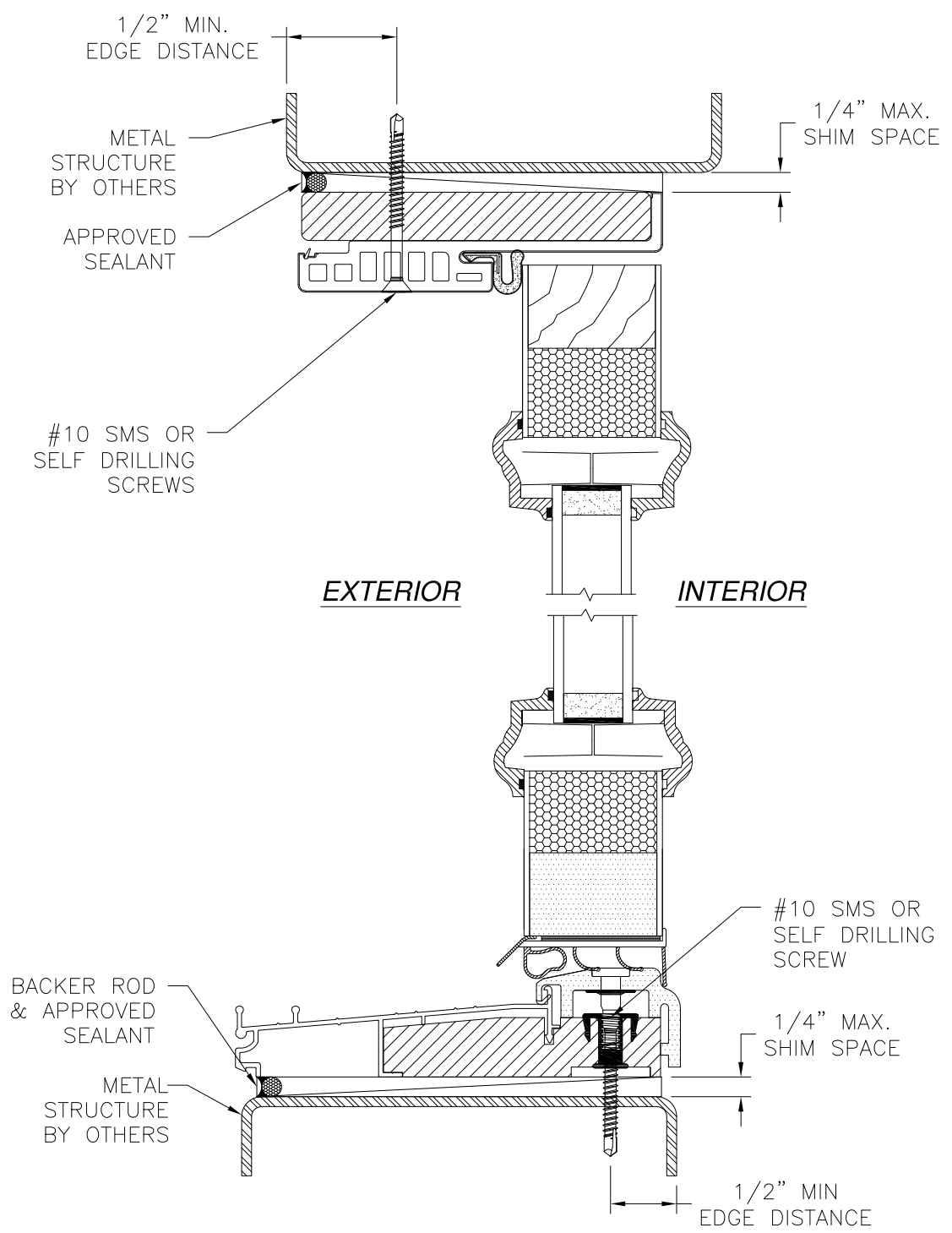
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DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS DOOR W/FUSION FRAME INSTALLATION DETAILS

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|----------------|---------------------|----------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 16 OF 32 |

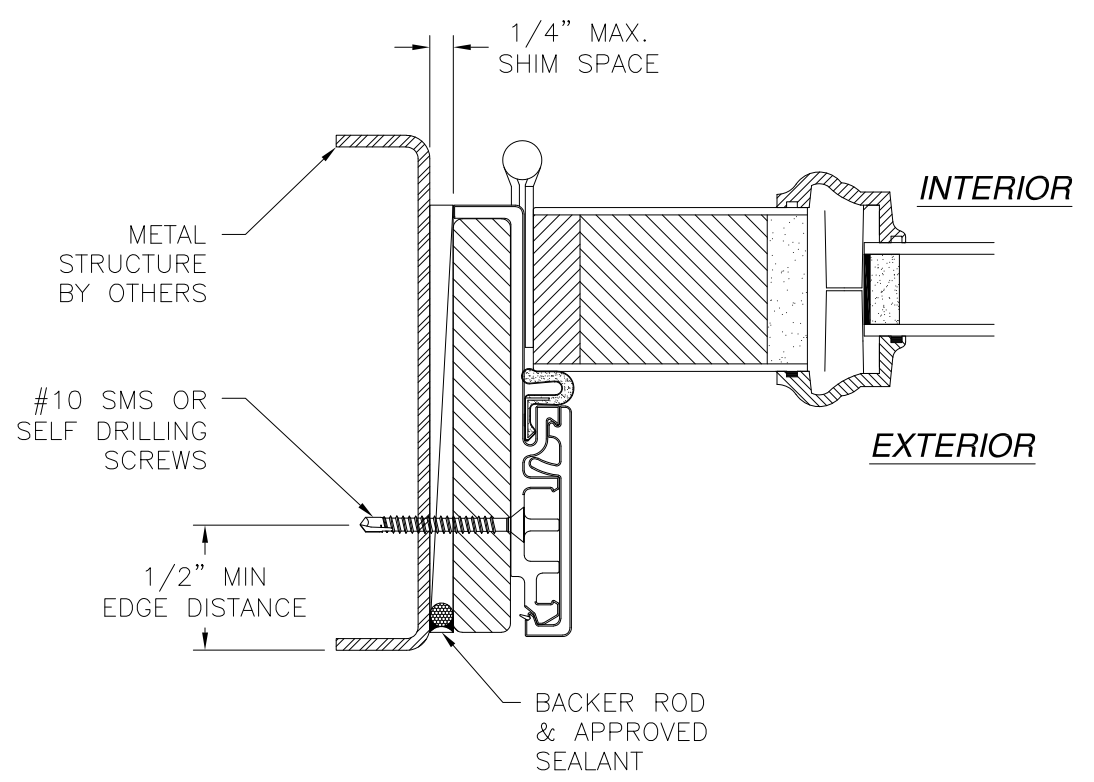
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS DOOR W/FUSION FRAME INSTALLATION DETAILS

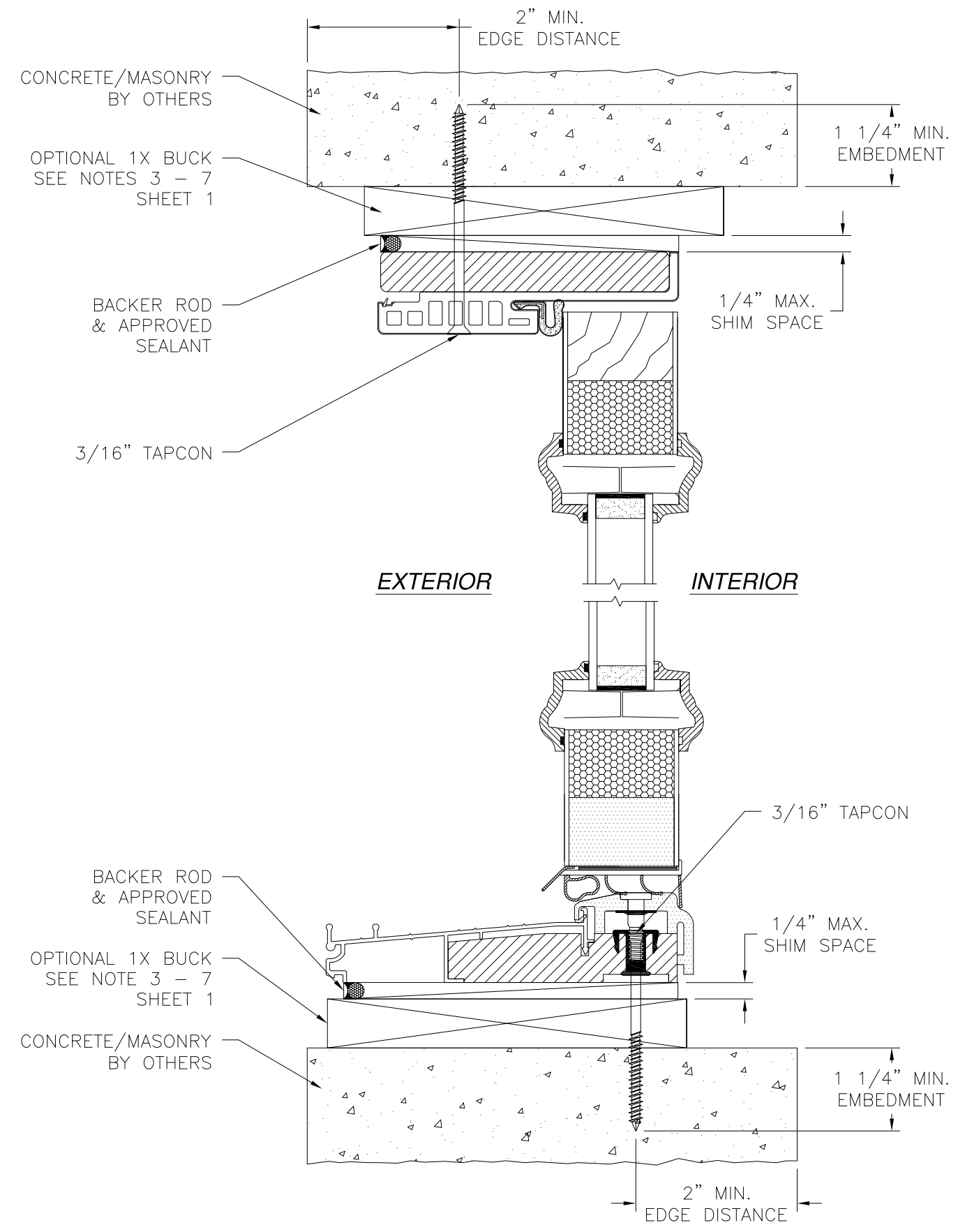
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 17 OF 32 |

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

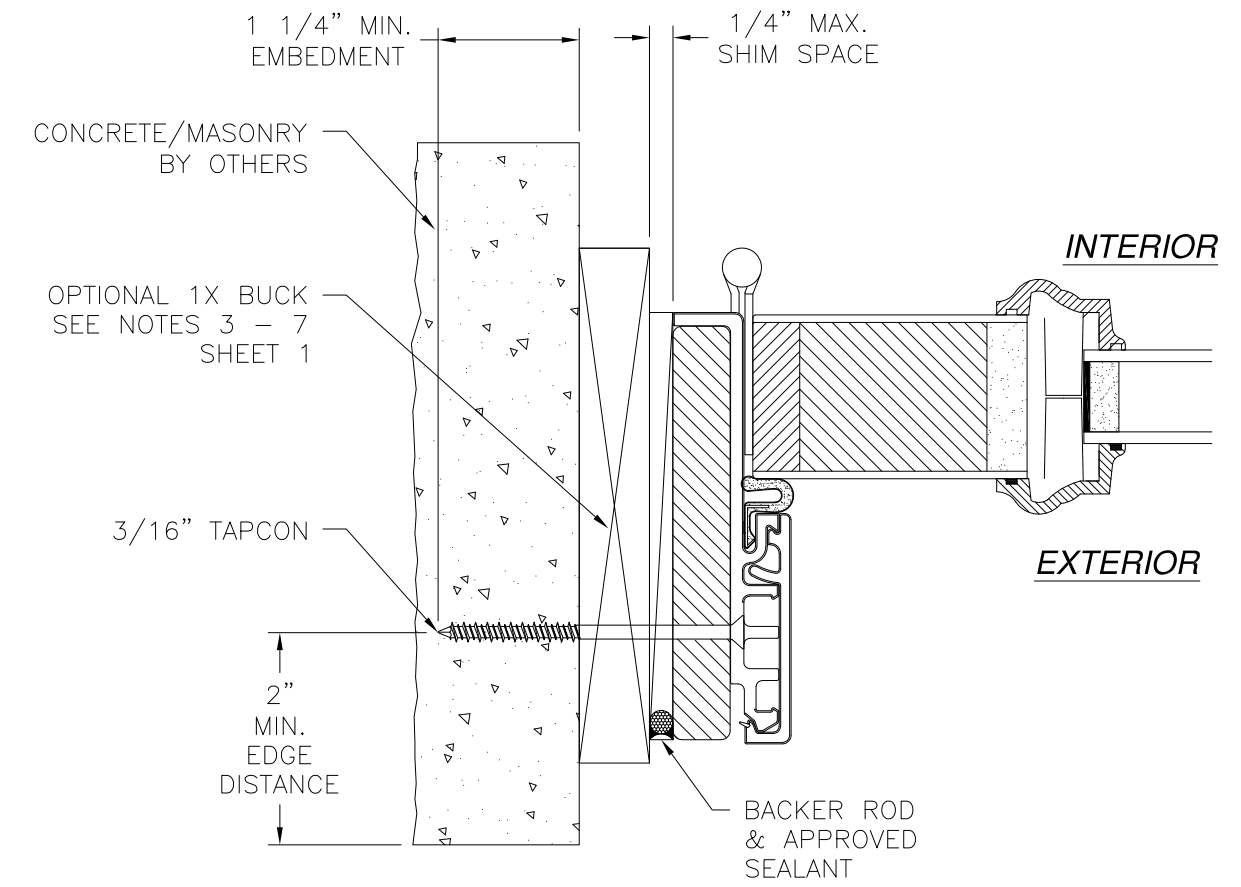


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FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS DOOR W/FUSION FRAME INSTALLATION DETAILS

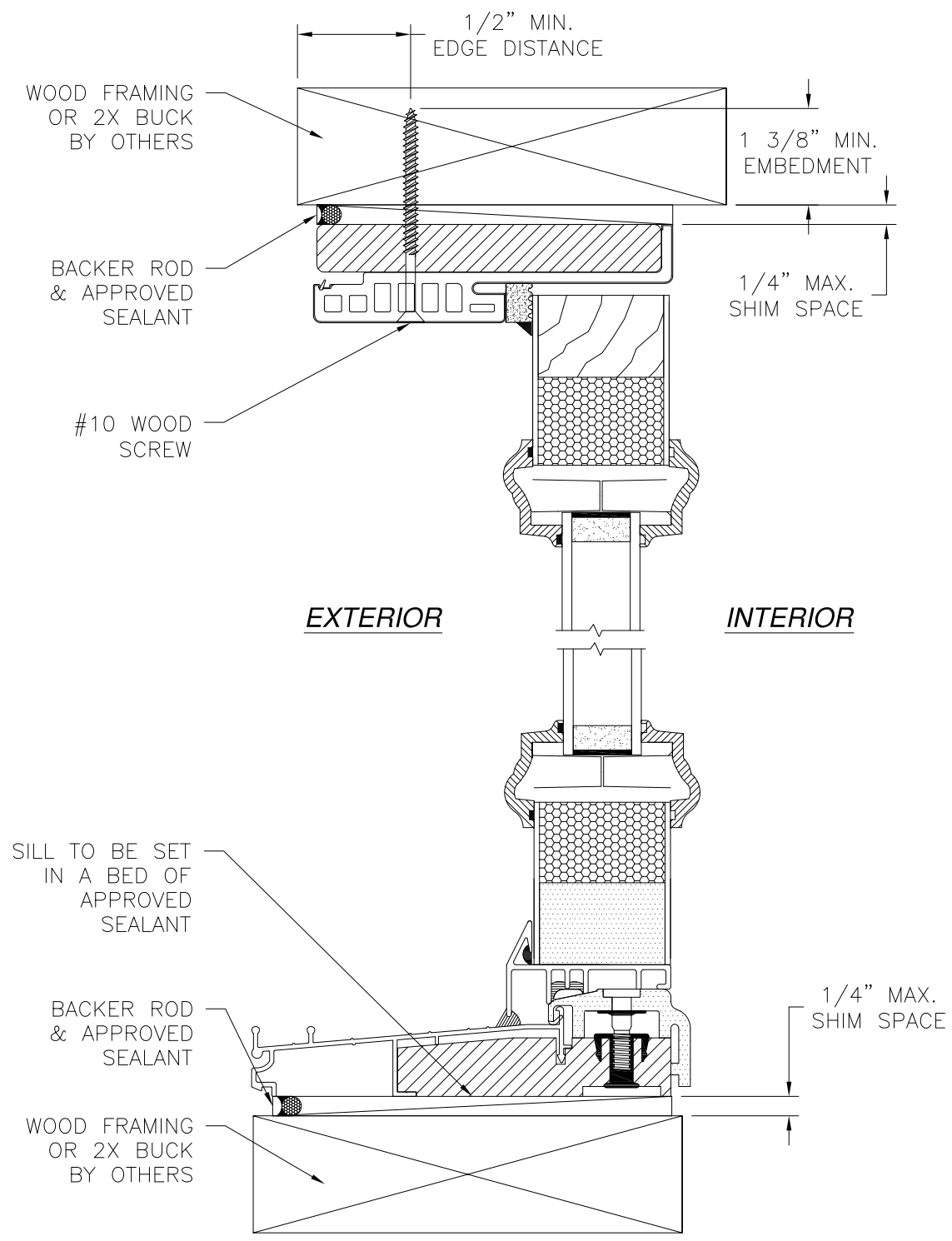
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 18 OF 32 |

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



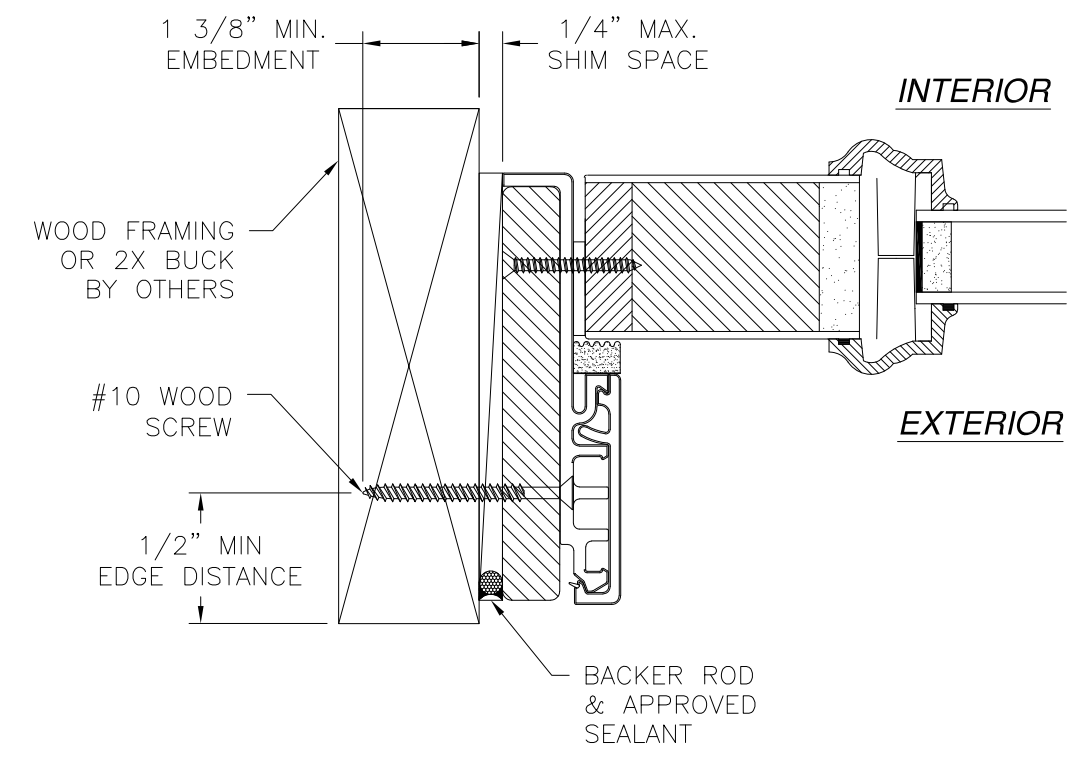
Luis R. Lomas P.E.
FL No.: 62514

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|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

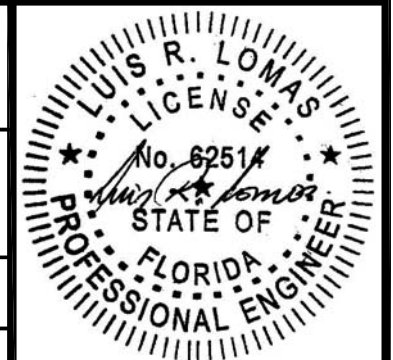
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

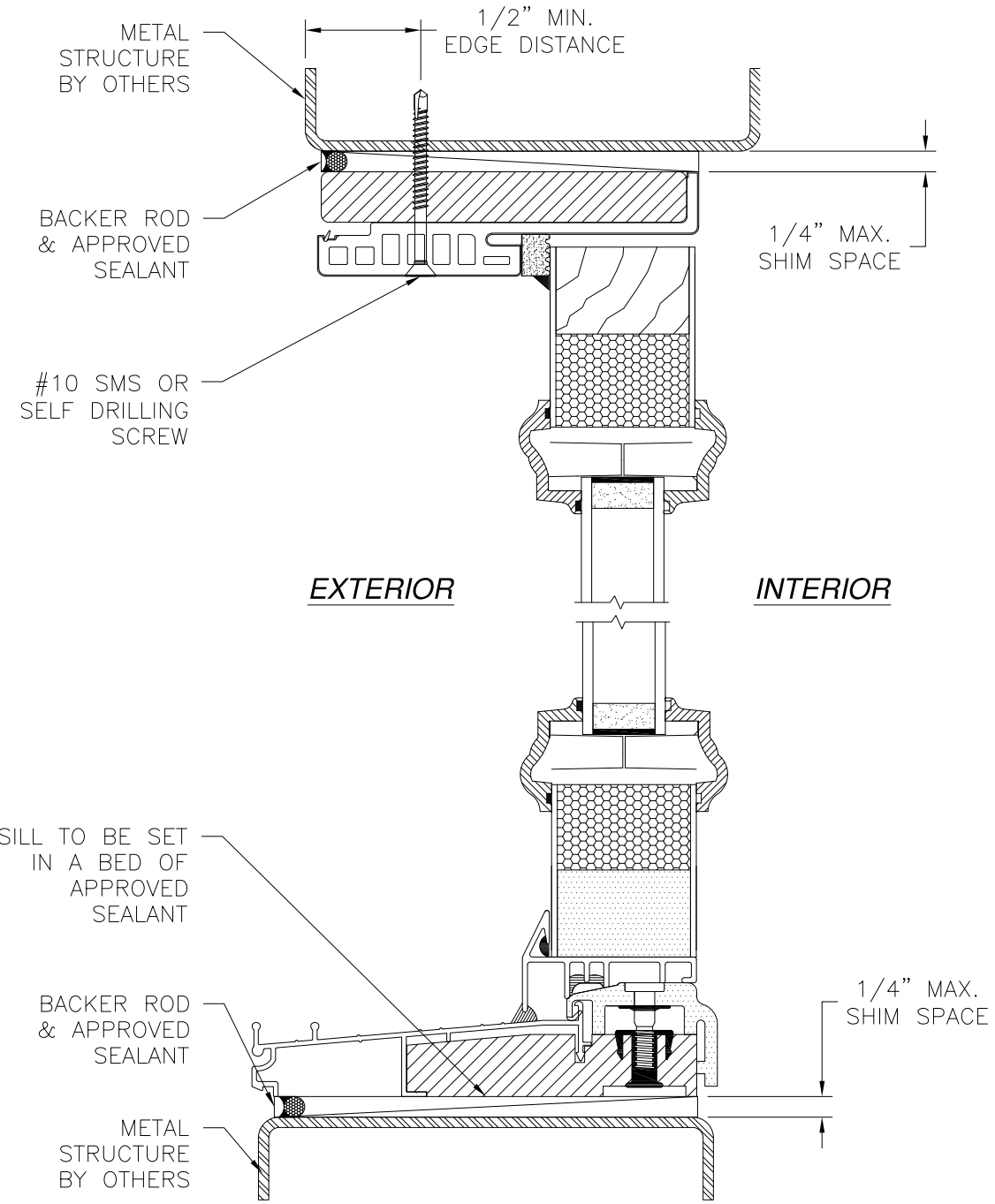
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 19 OF 32 |

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

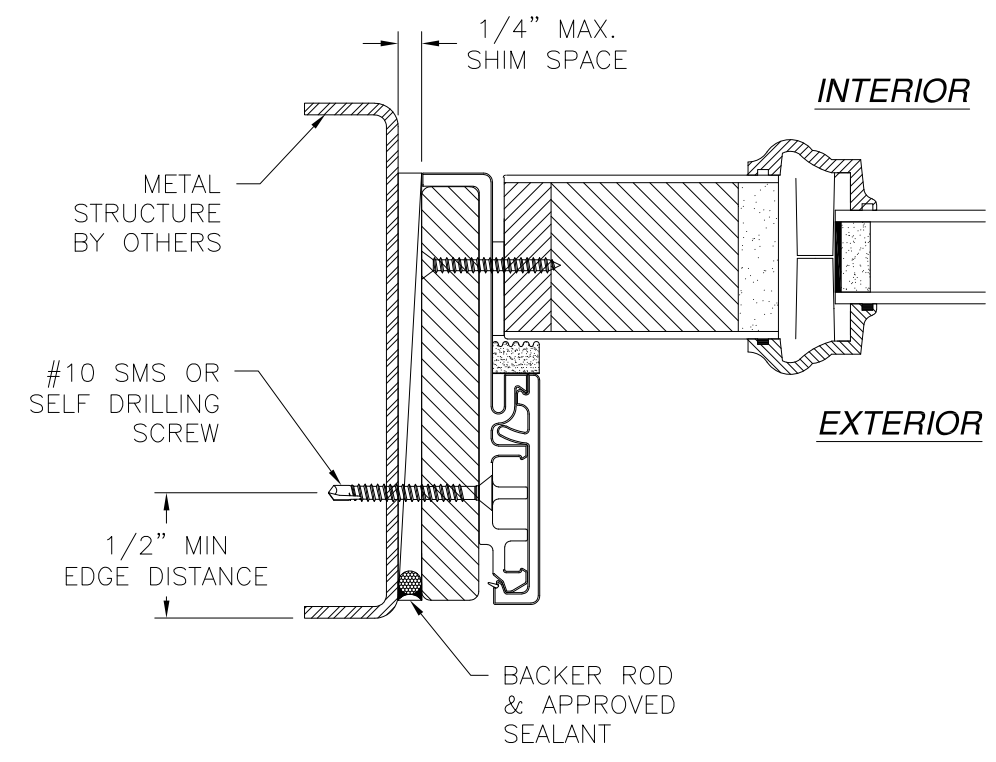


Luis R. Lomas P.E.
 FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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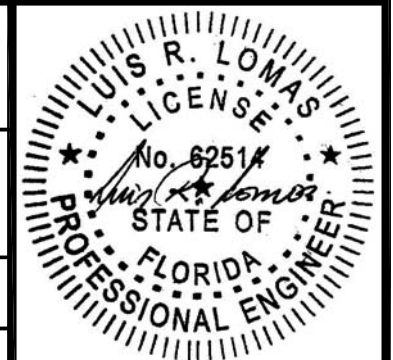
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

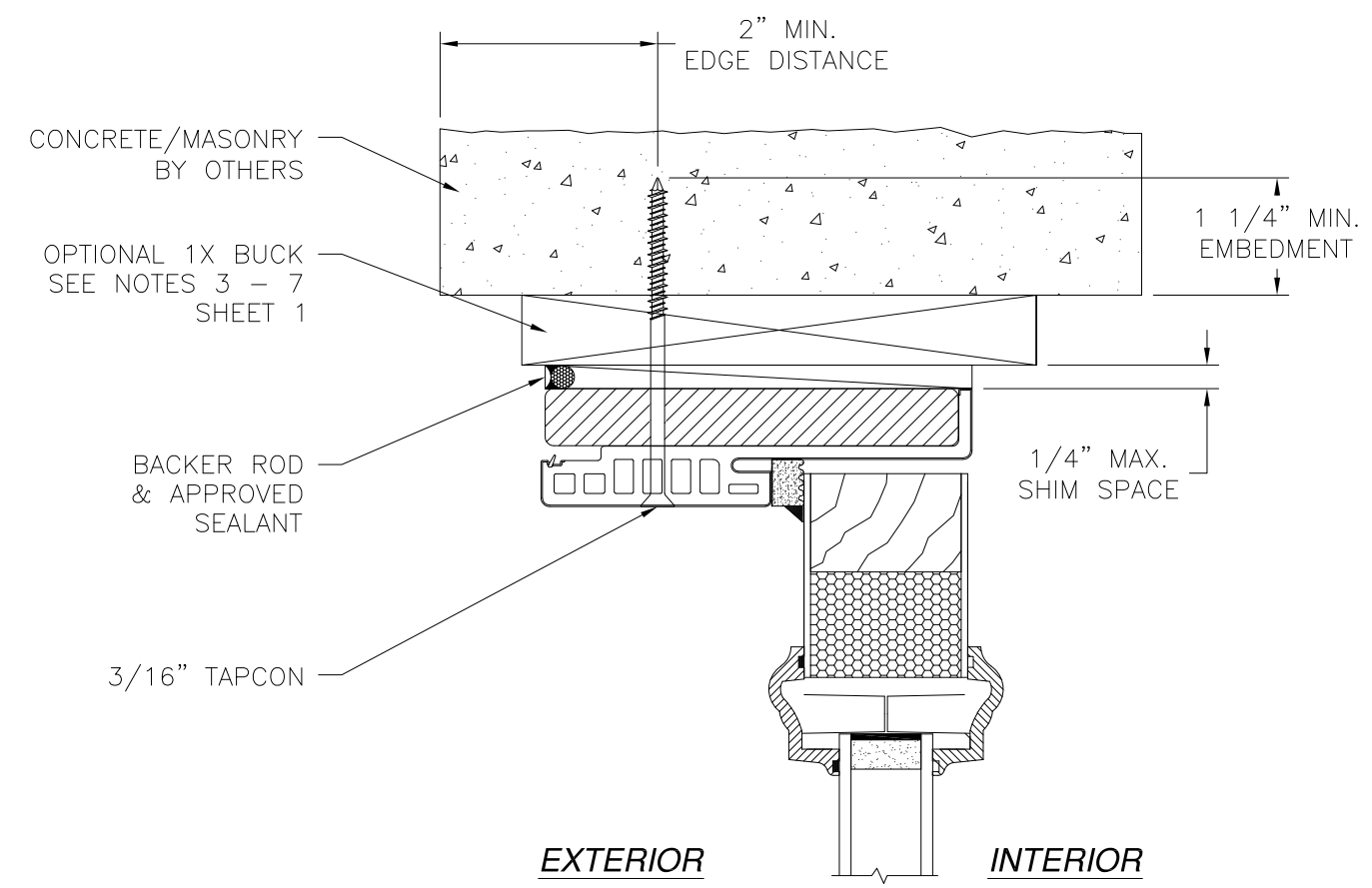
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 20 OF 32 |

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

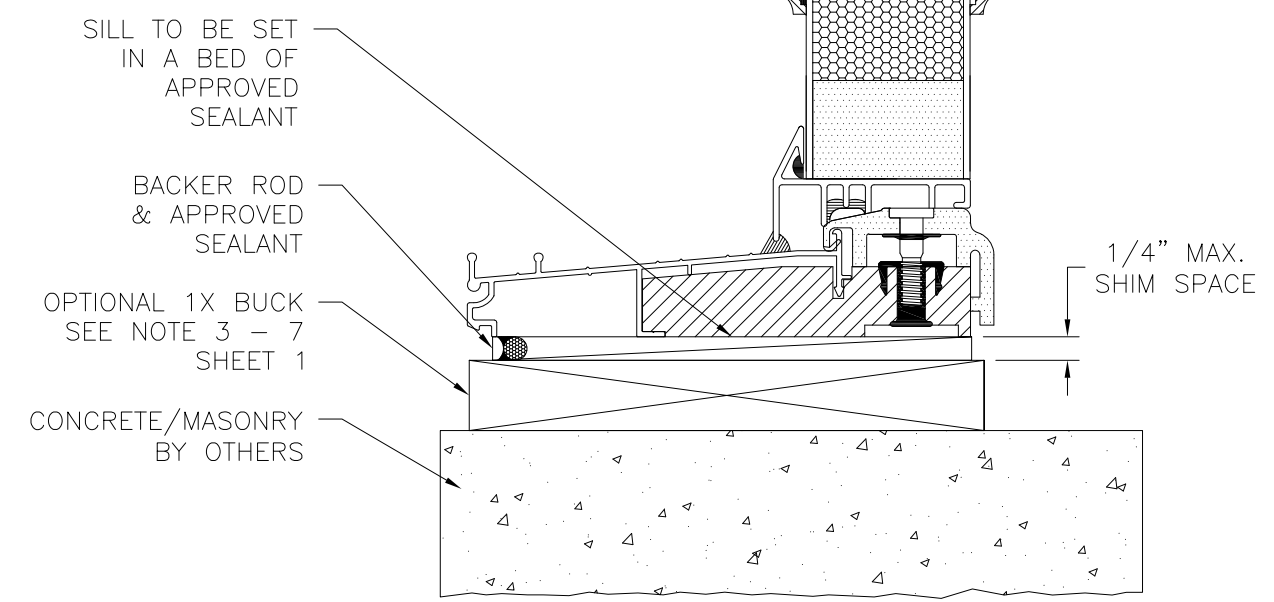


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FL No.: 62514

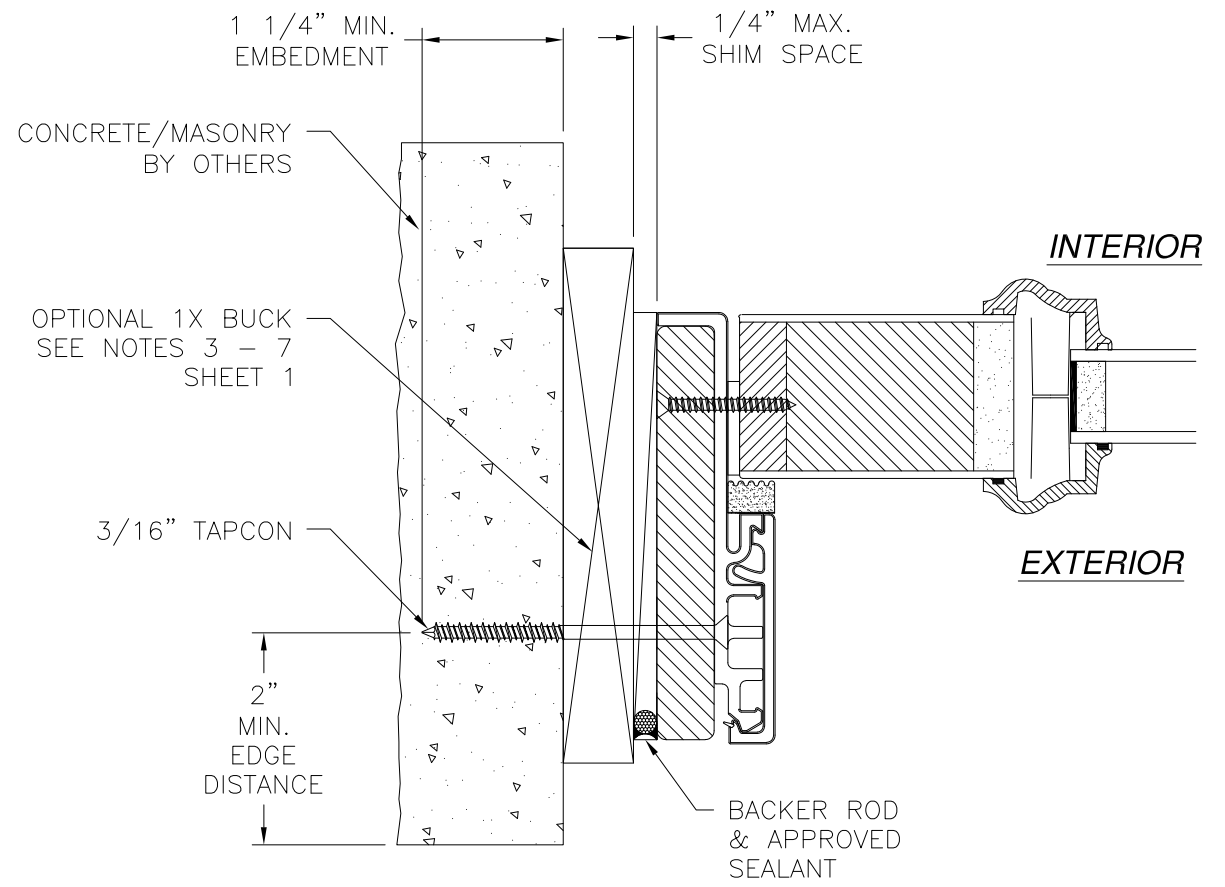
| REVISIONS | | | |
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| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



EXTERIOR **INTERIOR**



**VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION**



**JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION**

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

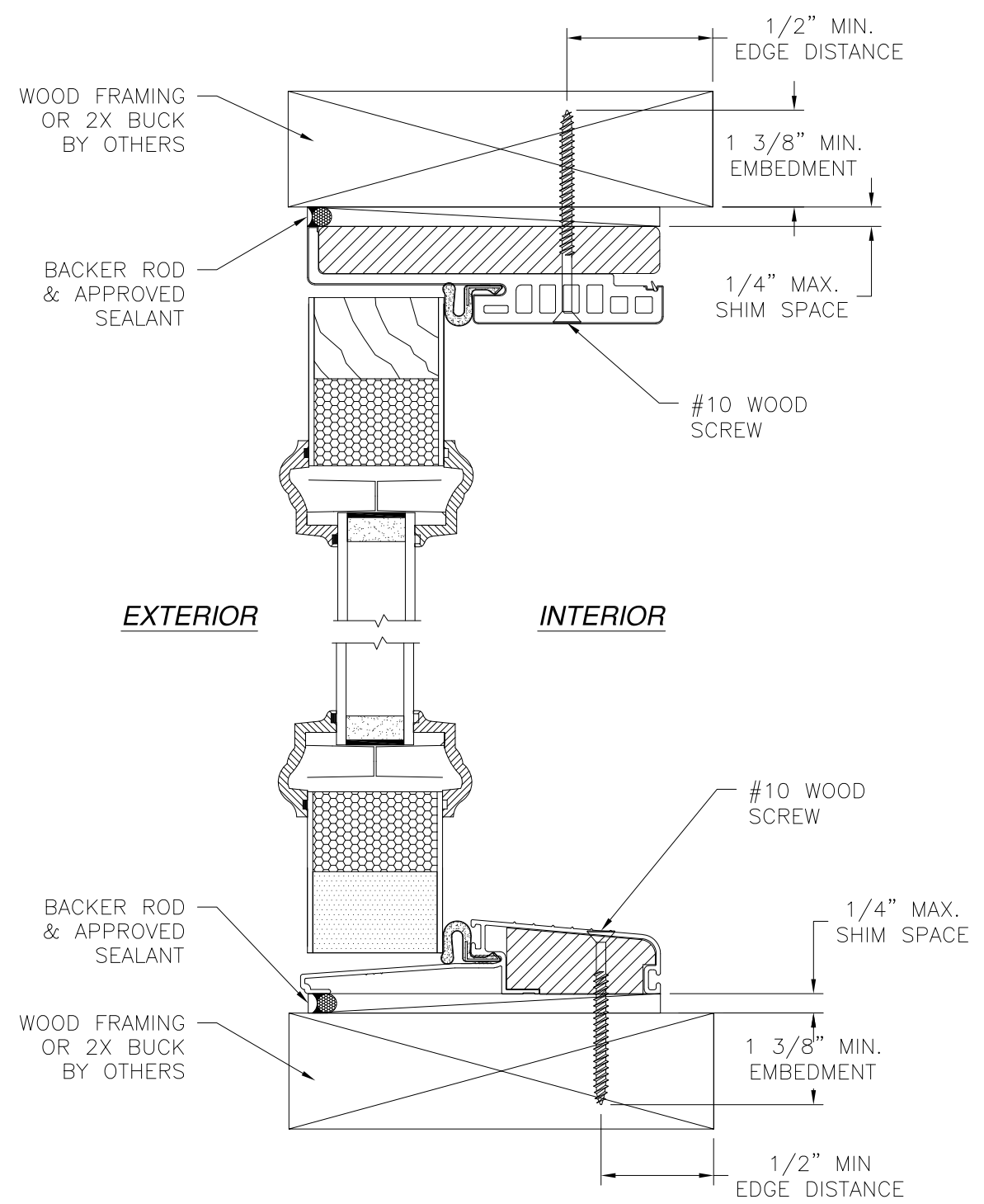
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 21 OF 32 |

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

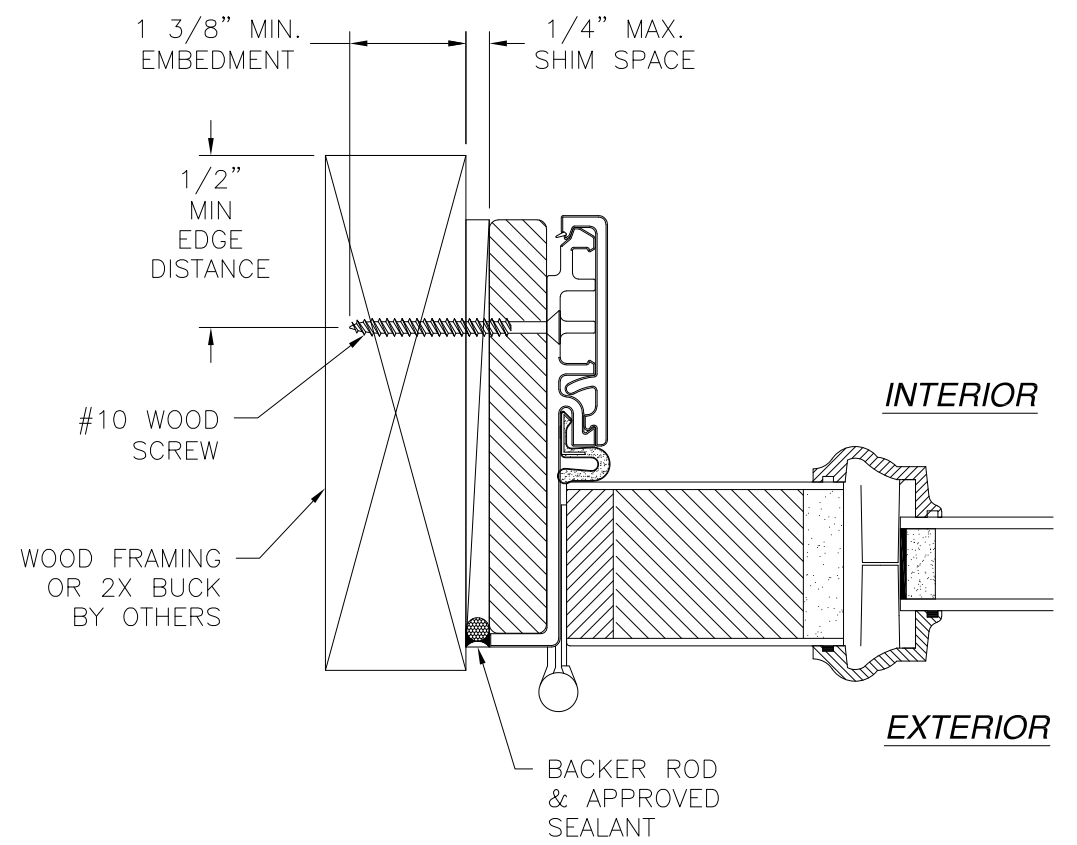


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FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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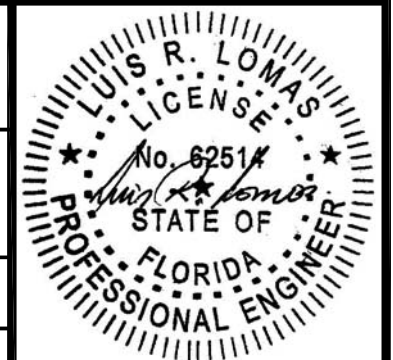
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS DOOR W/FUSION FRAME INSTALLATION DETAILS

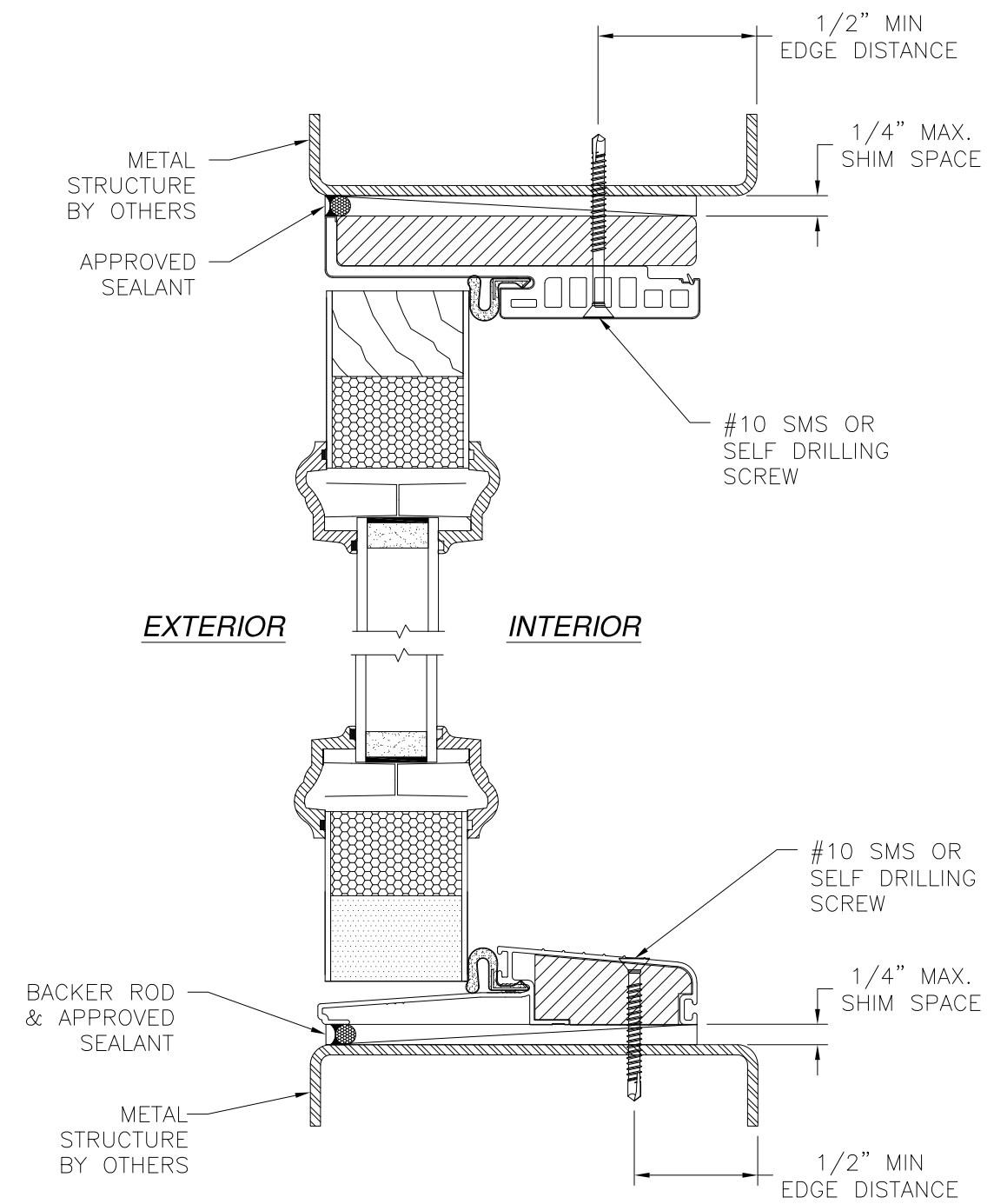
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 22 OF 32 |

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

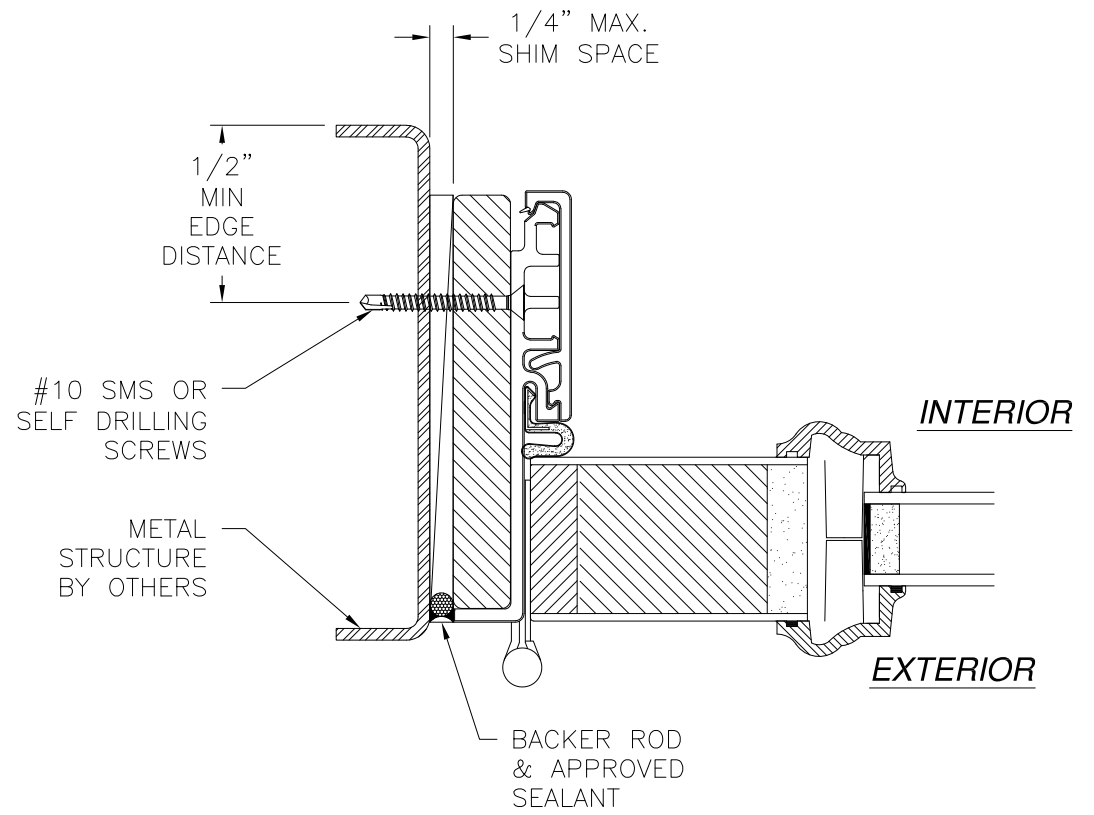


Luis R. Lomas P.E.
 FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
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 OS DOOR W/FUSION FRAME INSTALLATION DETAILS

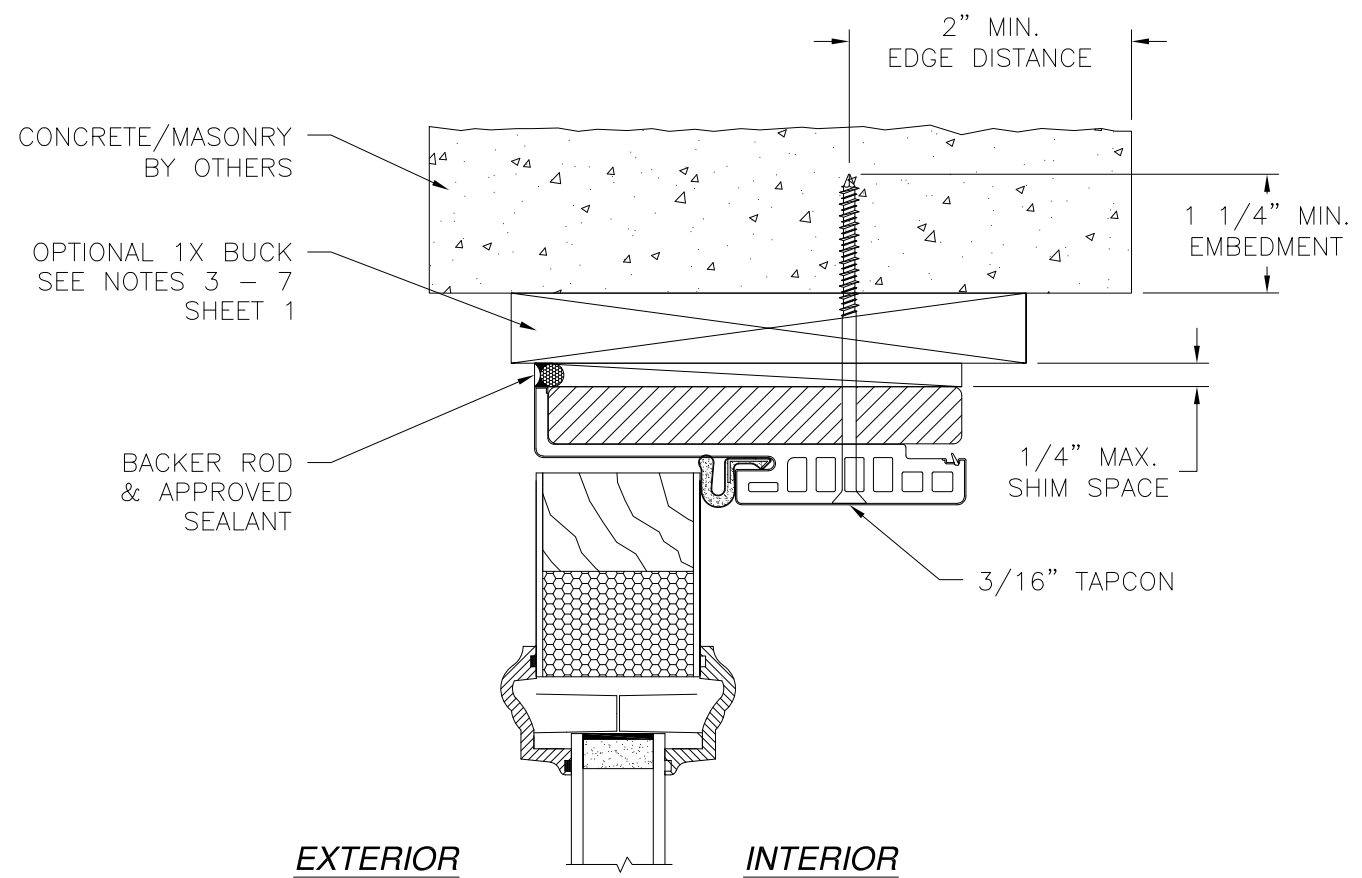
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 23 OF 32 |

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

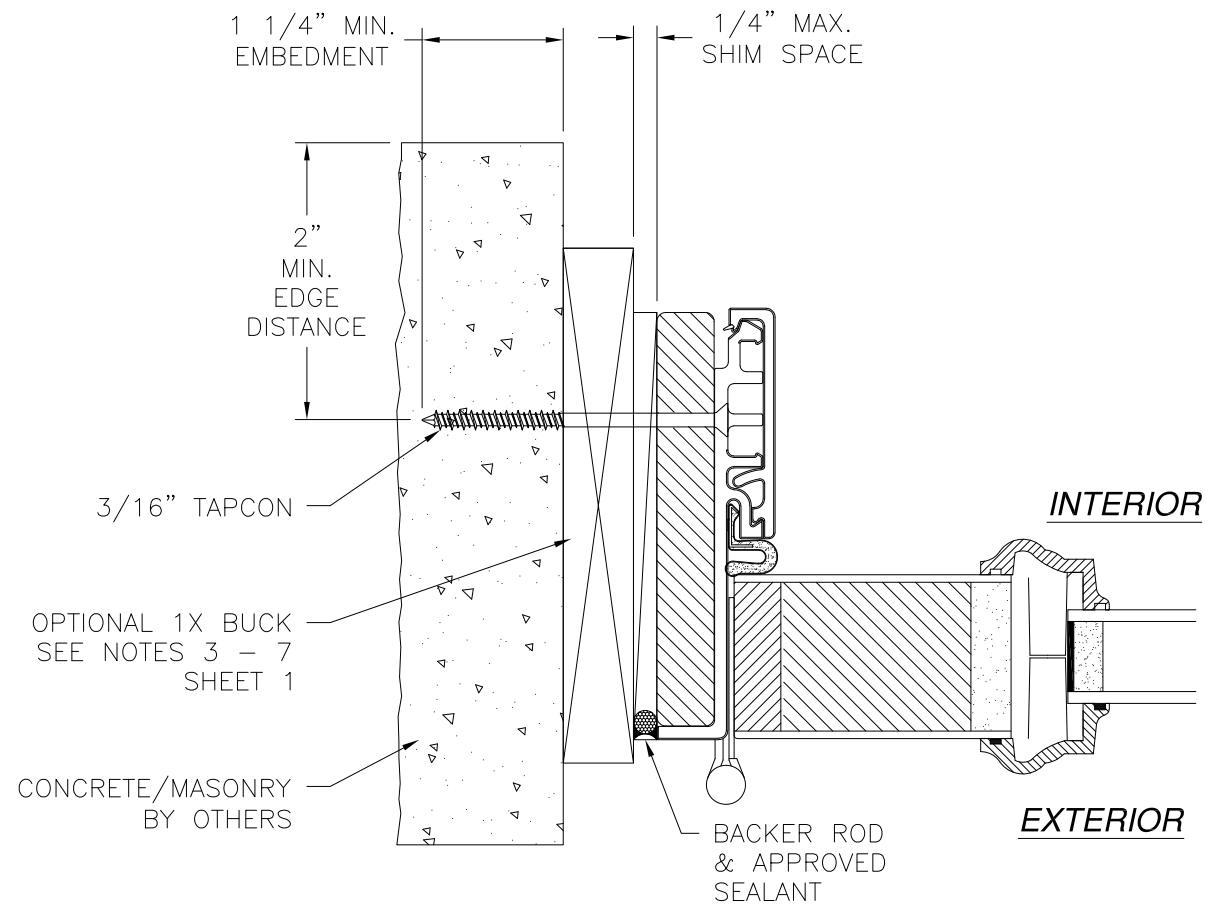
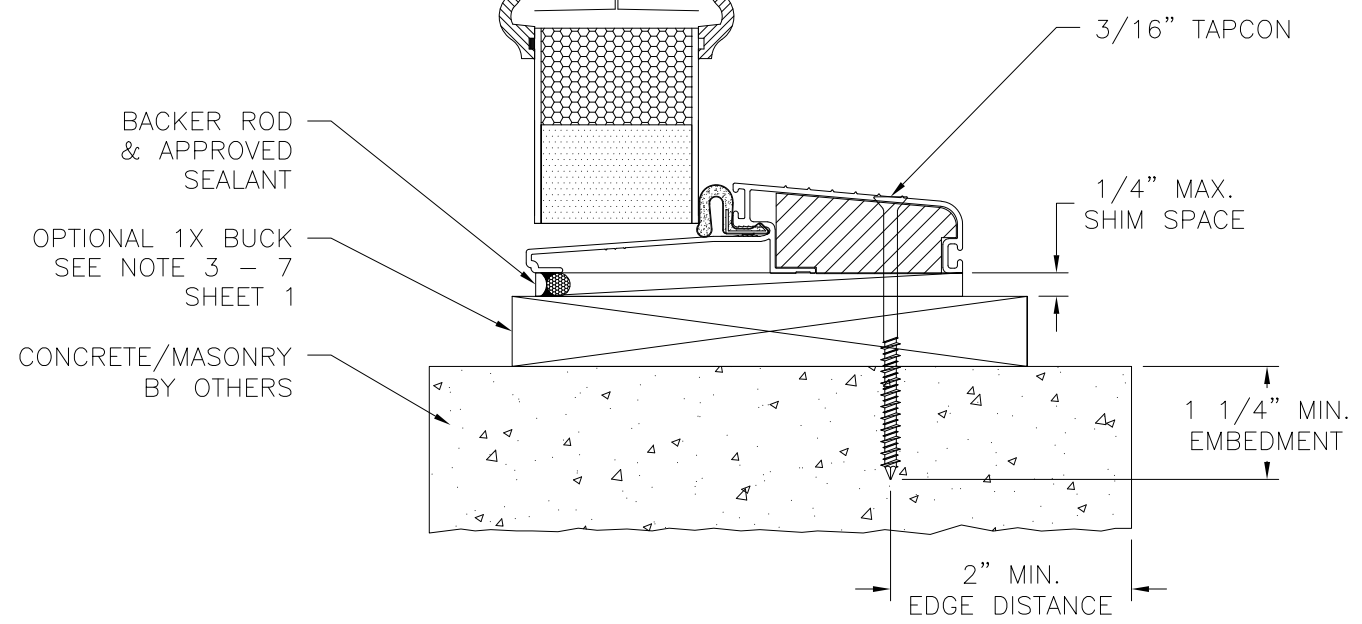


Luis R. Lomas P.E.
 FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS DOOR W/FUSION FRAME INSTALLATION DETAILS

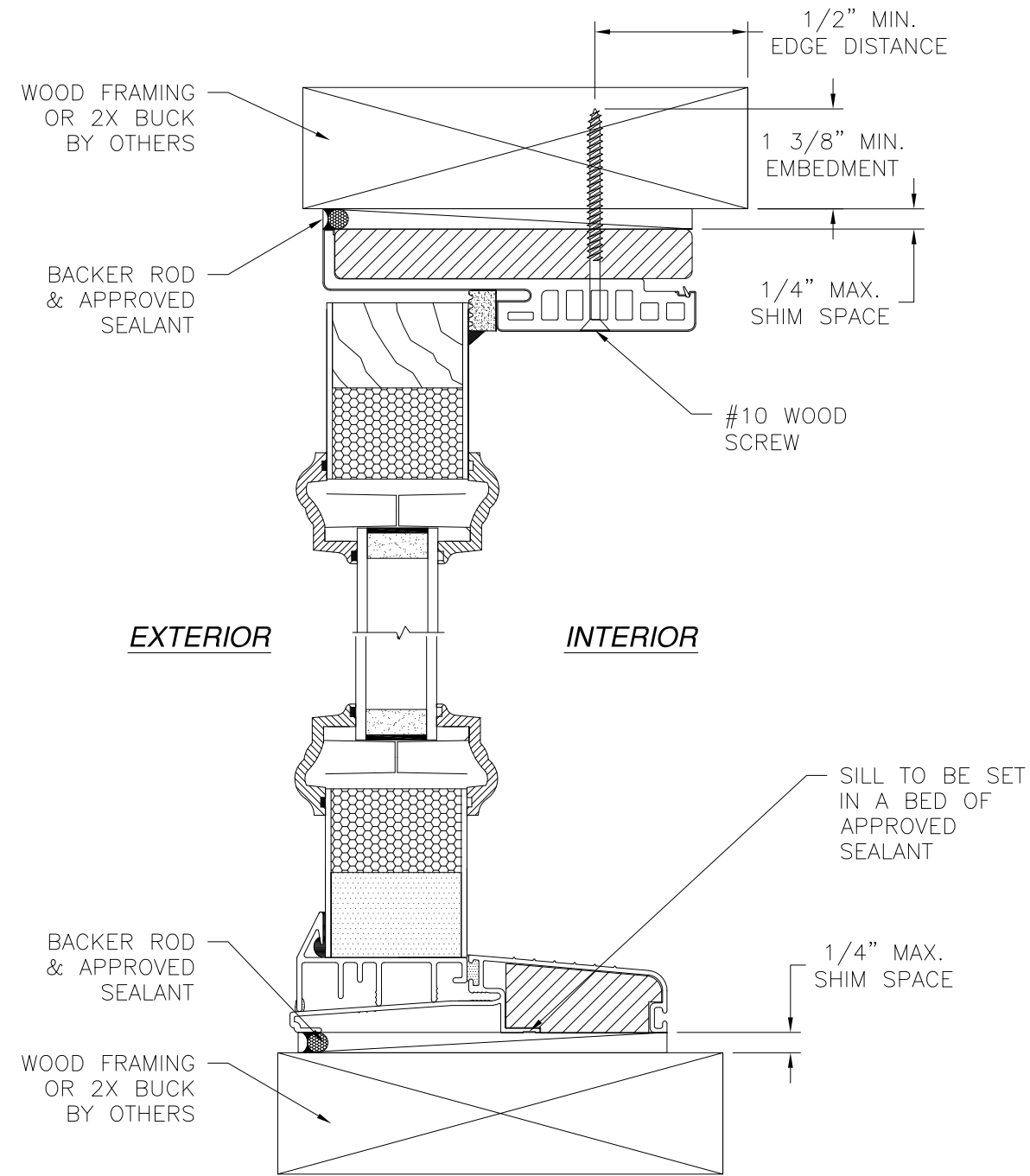
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|----------------|---------------------|-------------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 24 OF 32 |

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

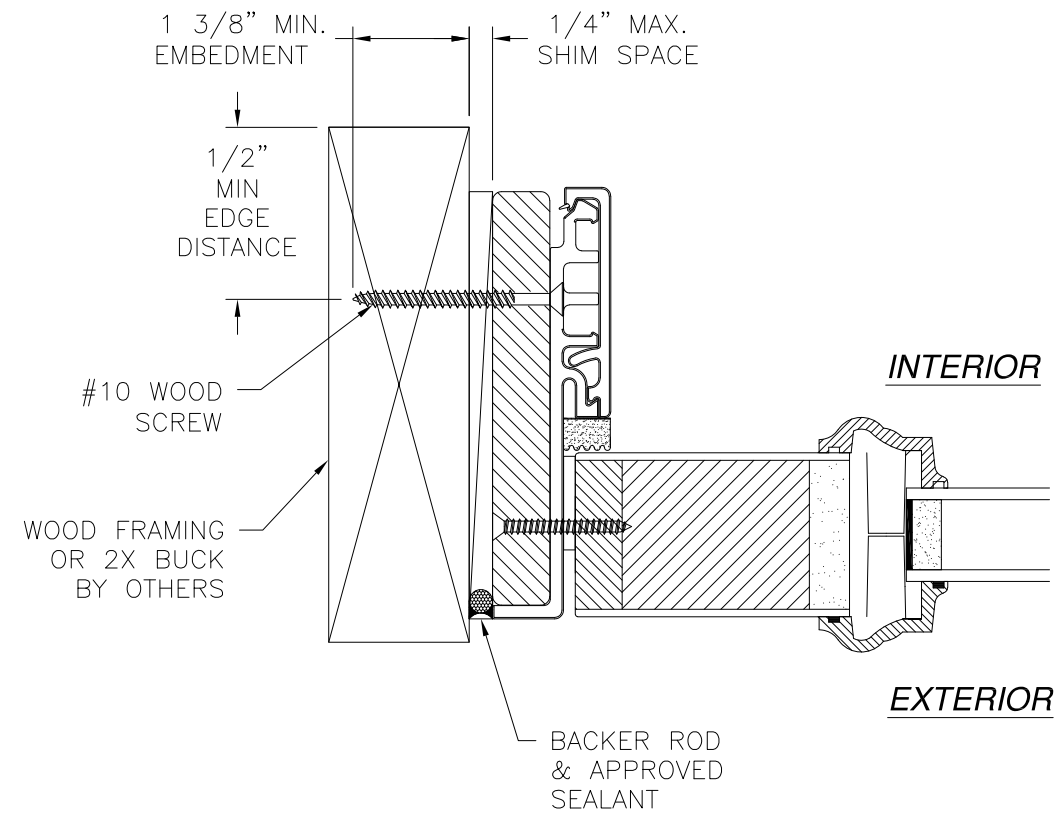


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FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK 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: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

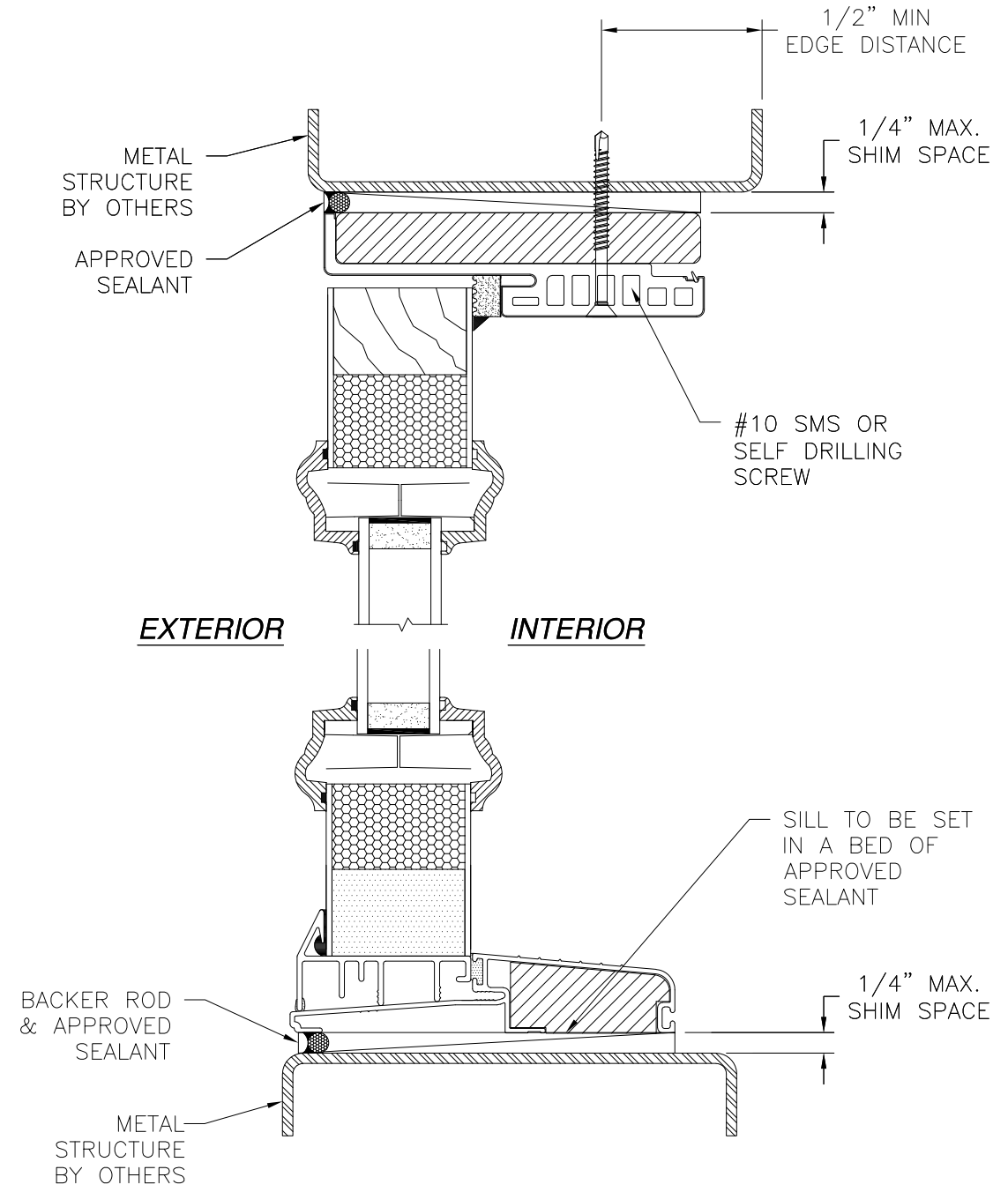
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 25 OF 32 |

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

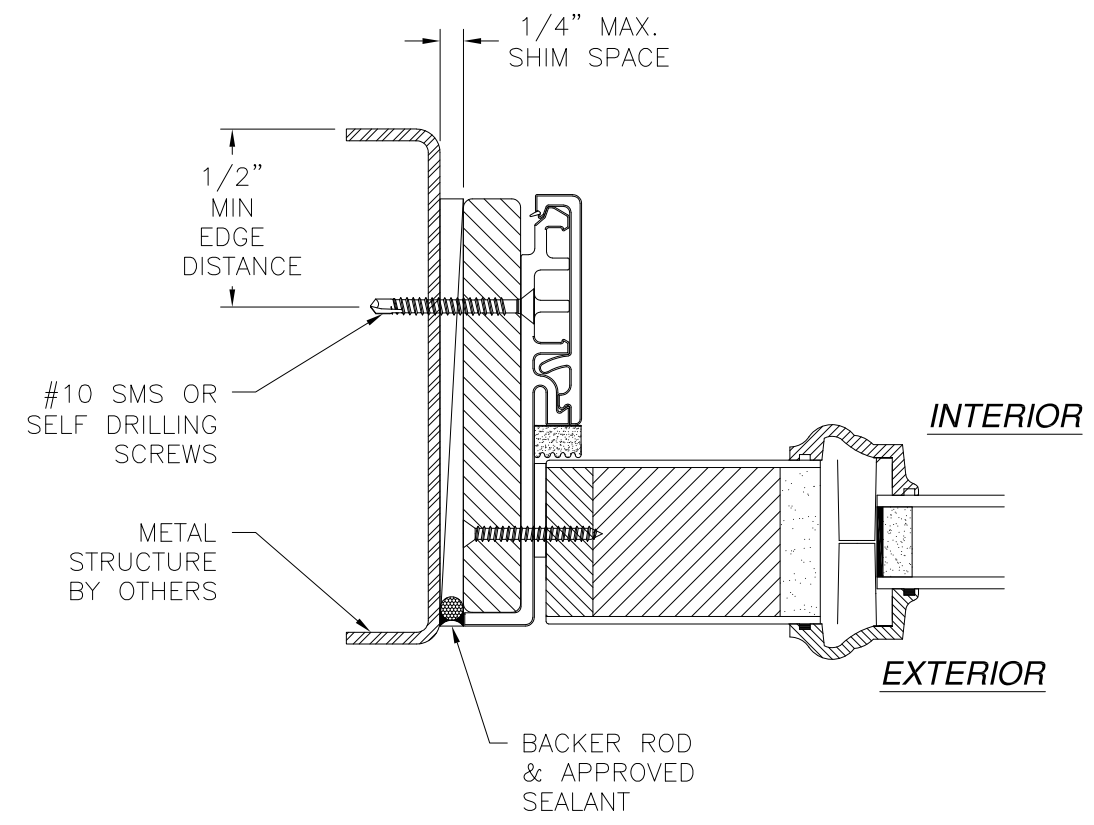


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FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

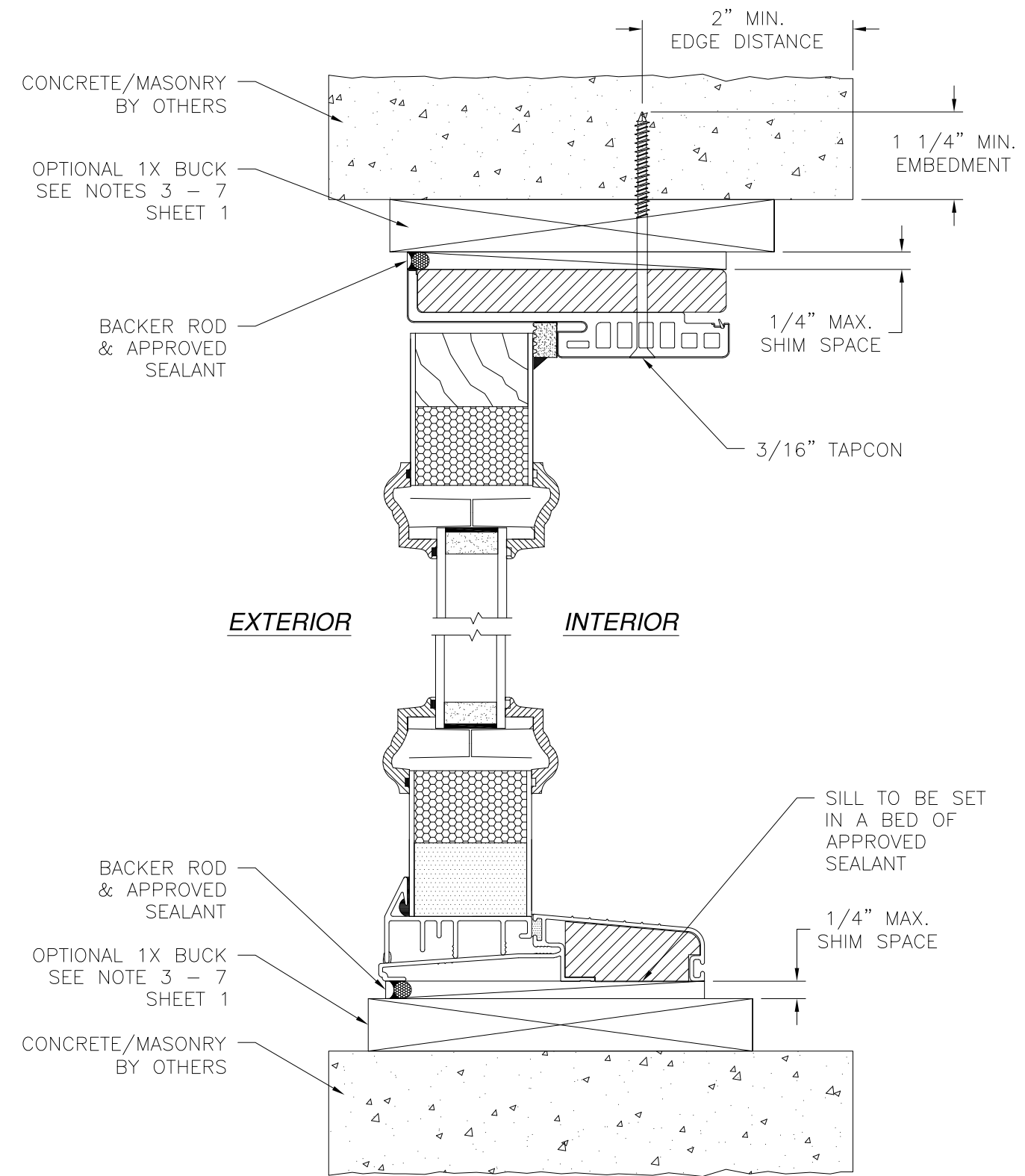
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 26 OF 32 |

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

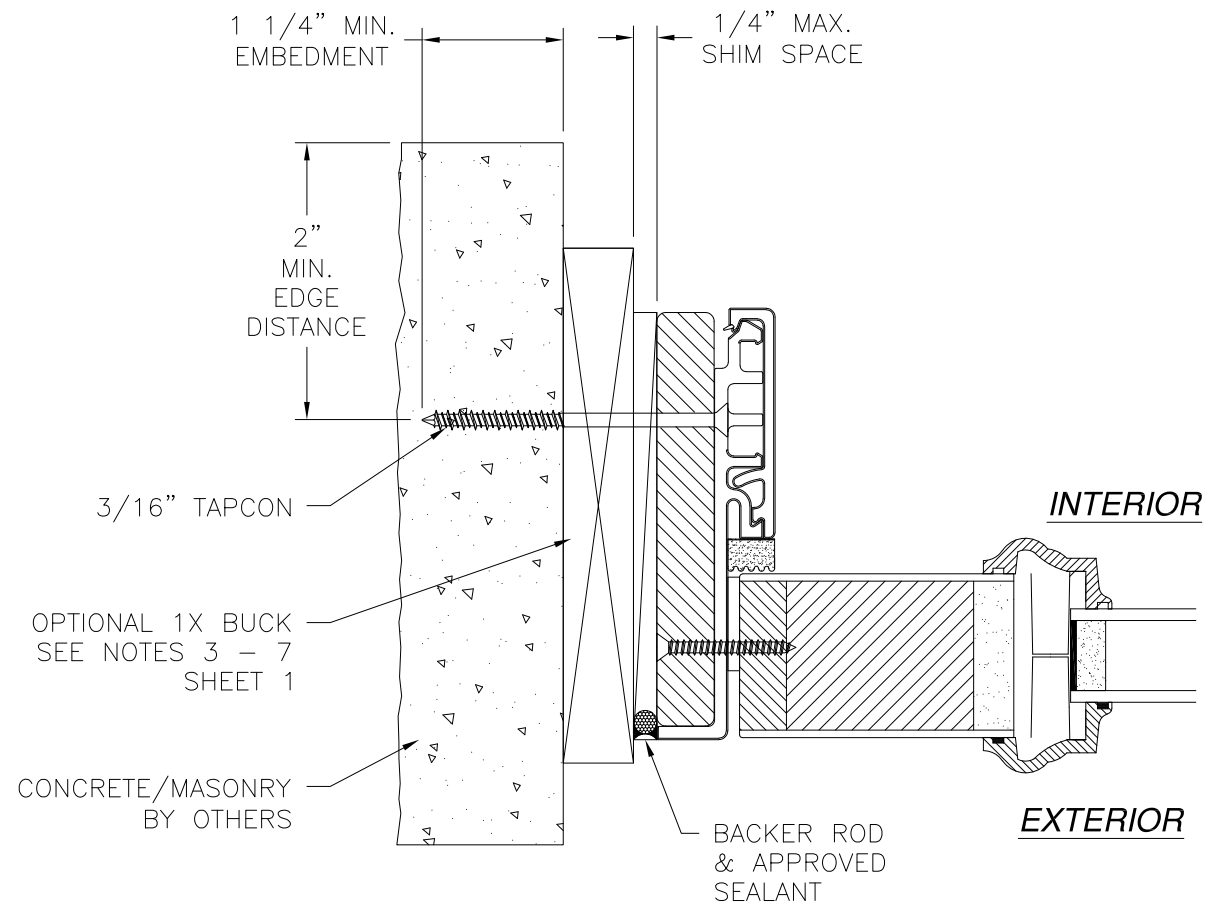


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 FL No.: 62514

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| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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

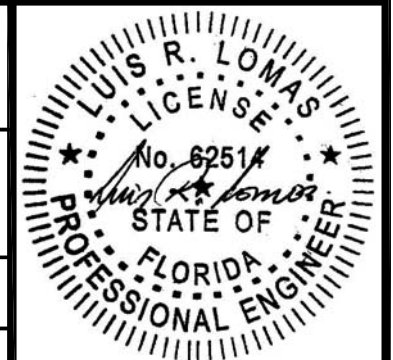
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS SIDELITE INSTALLATION DETAILS

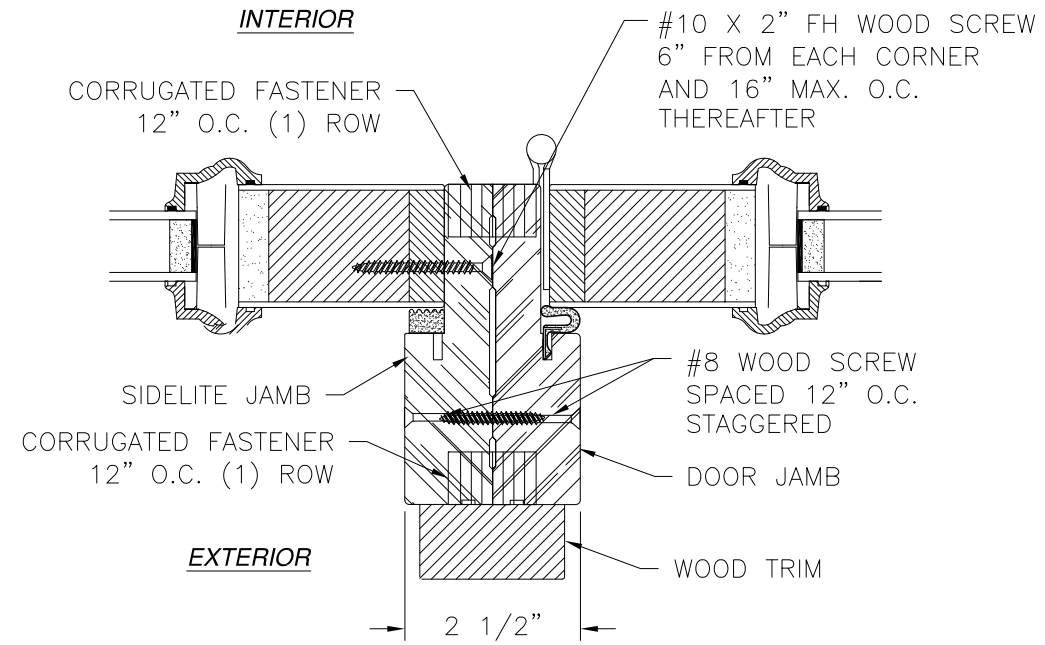
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 27 OF 32 |

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

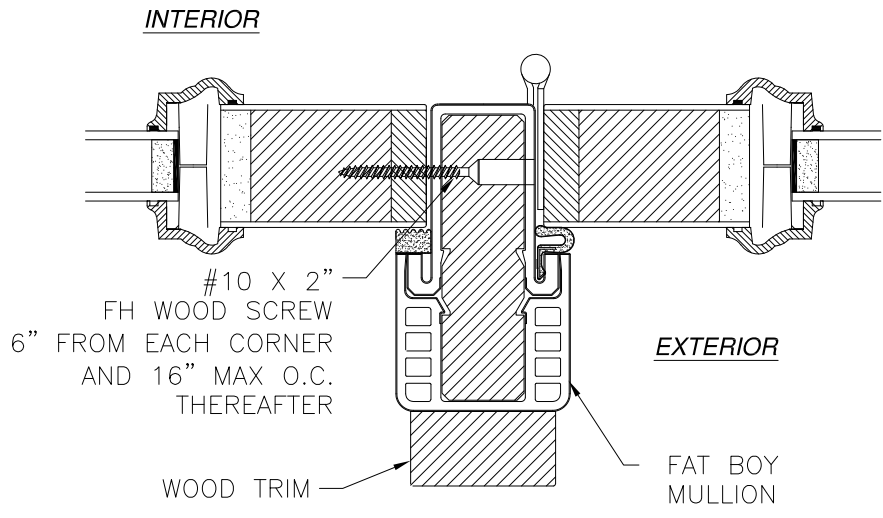


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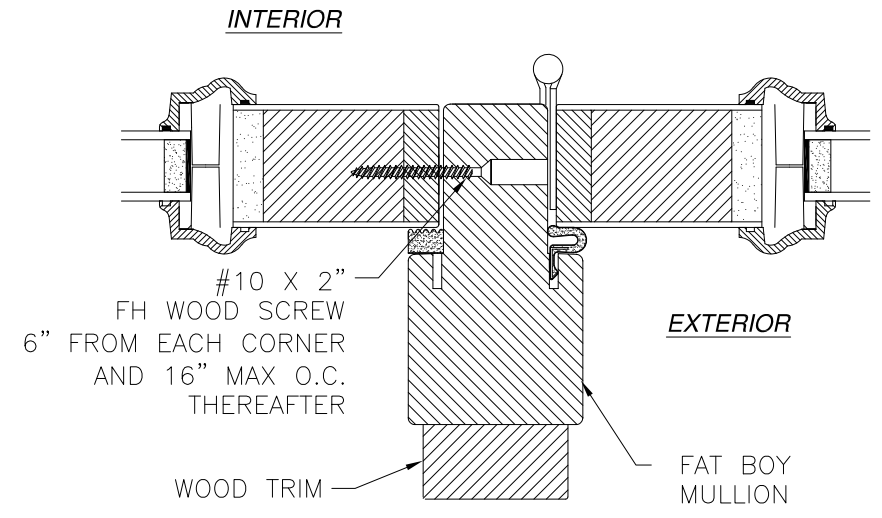
| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



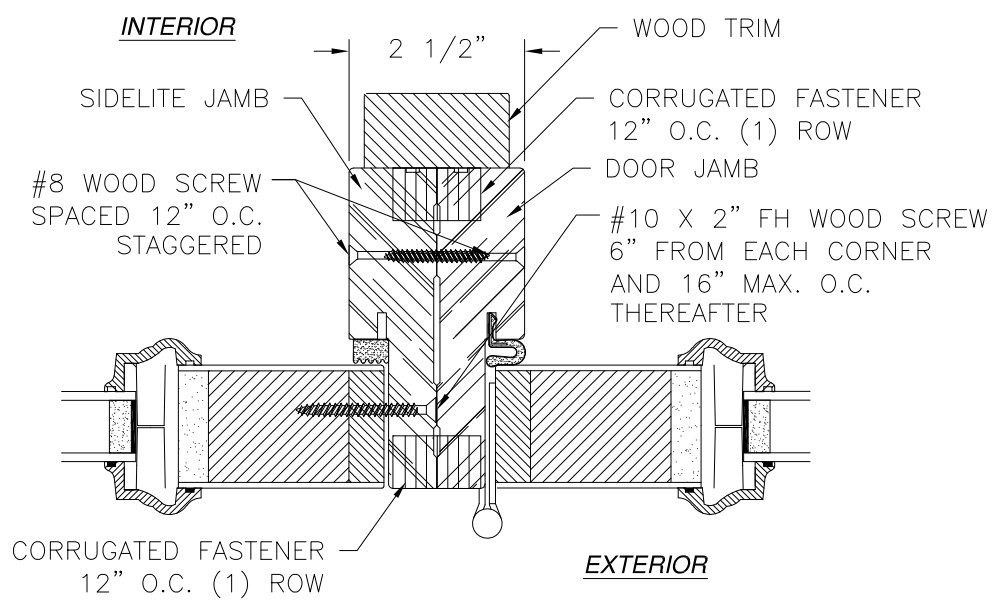
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STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR



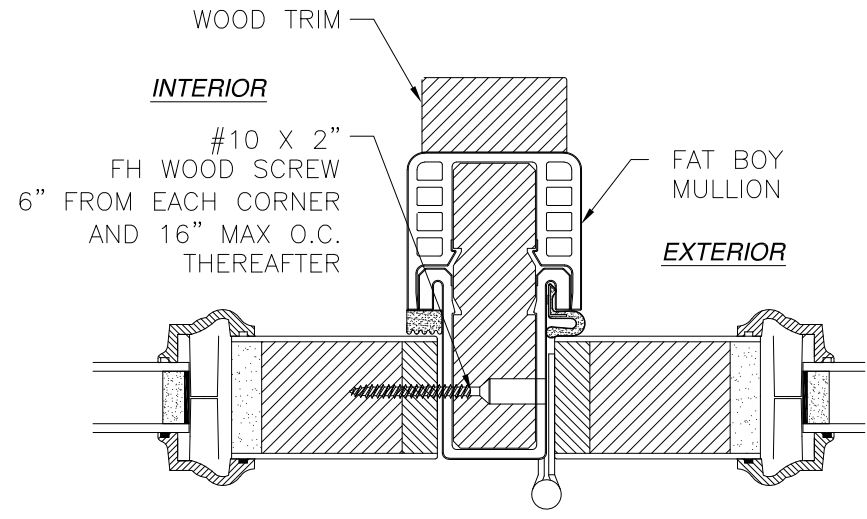
INSWING MULLION DETAIL
WITH HYBRID FAT BOY MULLION



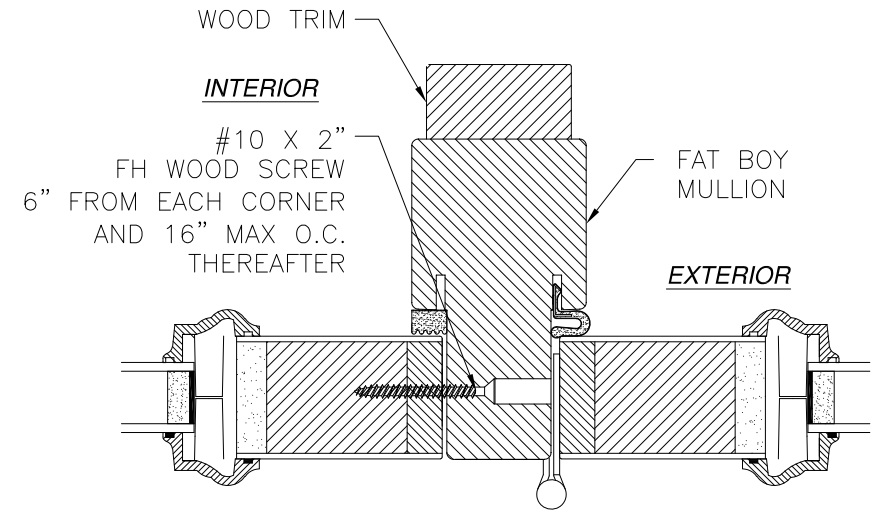
INSWING MULLION DETAIL
WITH FAT BOY MULLION



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



OUTSWING MULLION DETAIL
WITH HYBRID FAT BOY MULLION



OUTSWING MULLION DETAIL
WITH FAT BOY MULLION

SIGNED: 02/02/2021

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

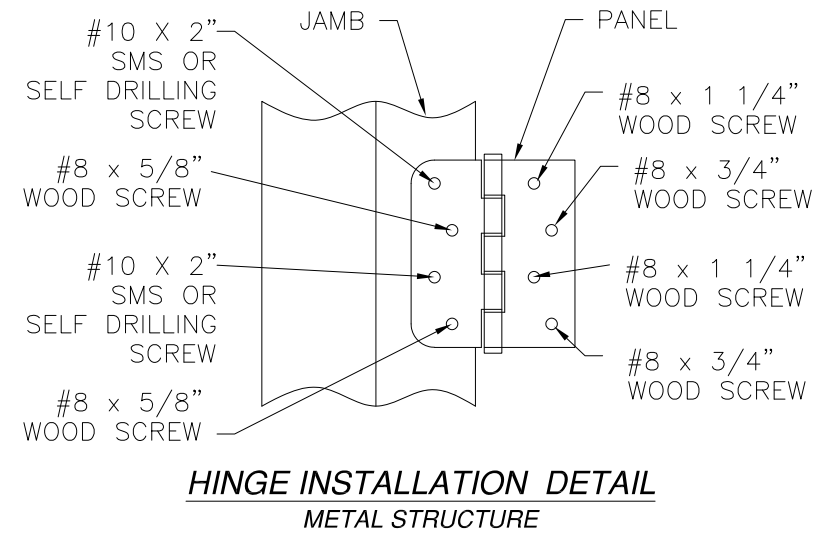
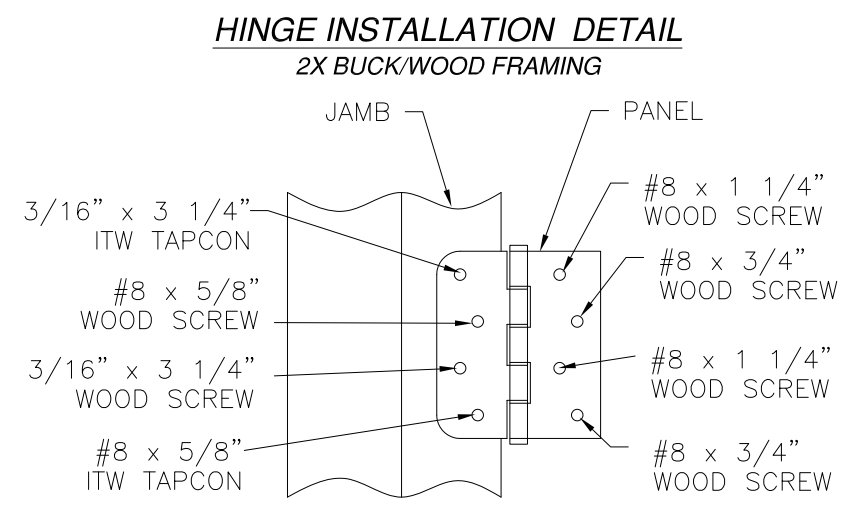
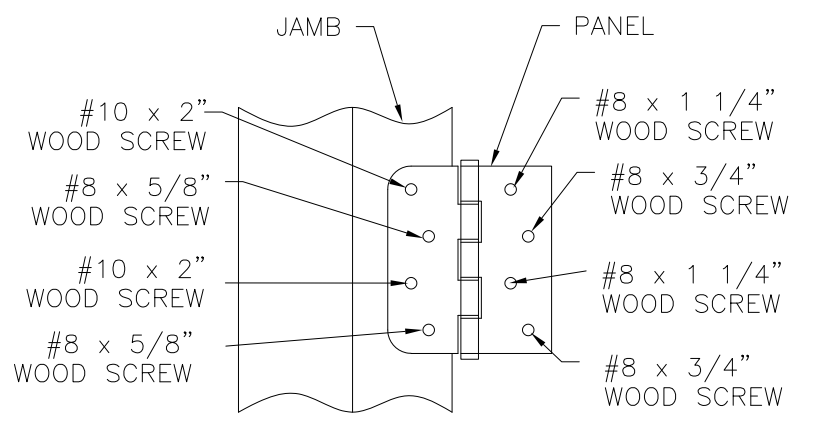
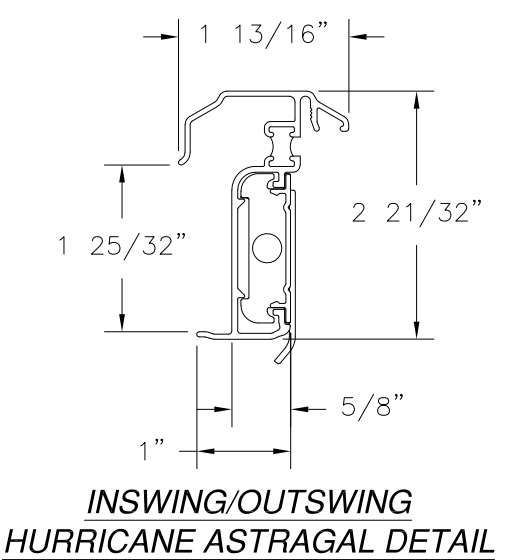
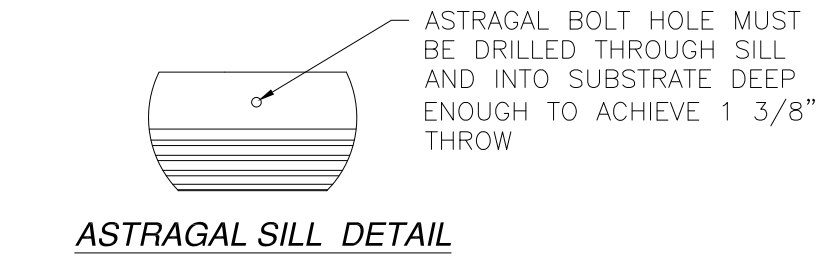
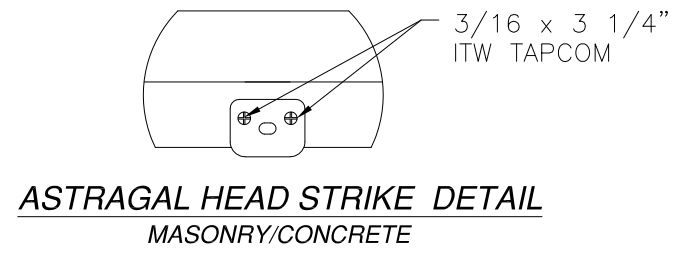
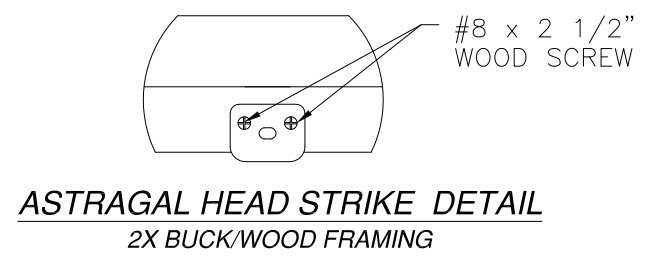
6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
MULLION INSTALLATION DETAILS

| | | |
|----------------|---------------------|----------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 28 OF 32 |

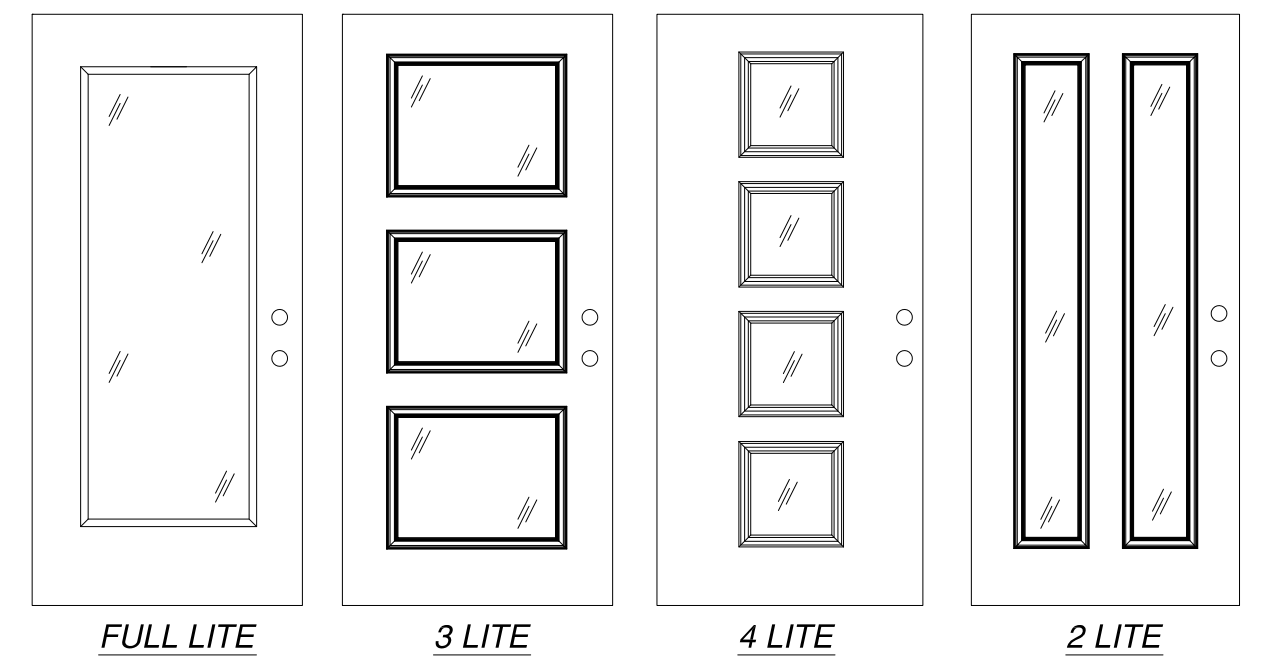
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com

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

| REVISIONS | | | |
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| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



APPROVED LITE CONFIGURATIONS



LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 9.2 FT²

SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
ASTRALGAL AND HINGES INSTALLATION DETAILS

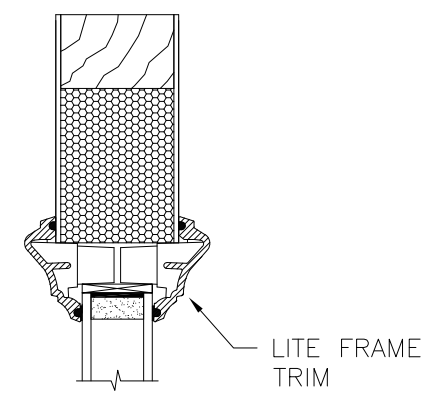
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| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 29 OF 32 |

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

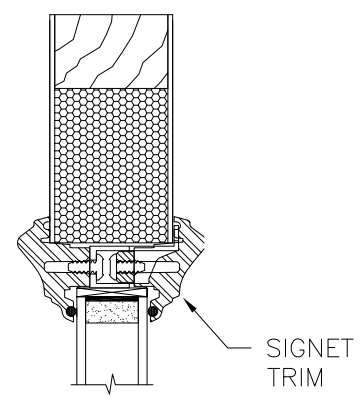
Luis R. Lomas P.E.
FL No.: 62514

| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |

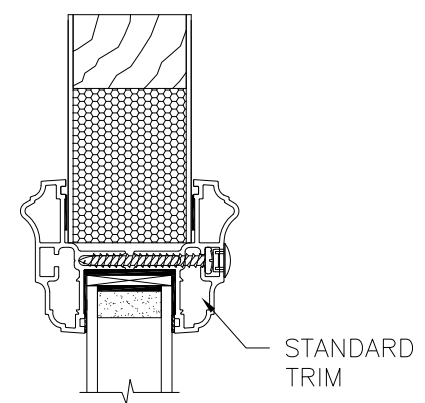
APPROVED TRIMS



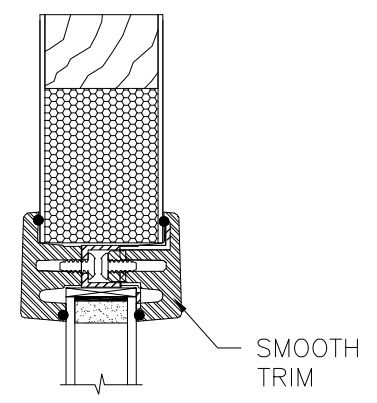
LITE FRAME TRIM



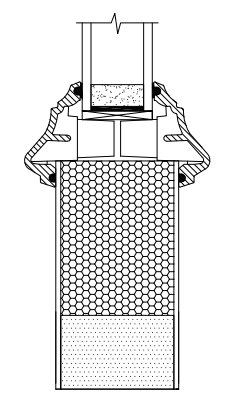
SIGNET TRIM



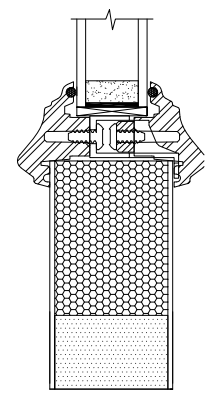
STANDARD TRIM



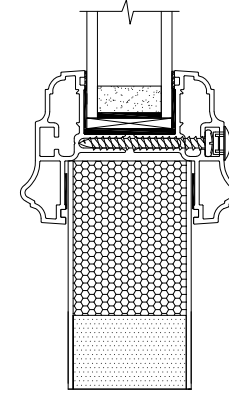
SMOOTH TRIM



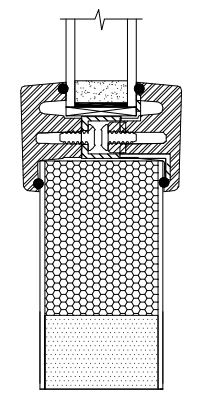
OPTION 1
LITE FRAME TRIM



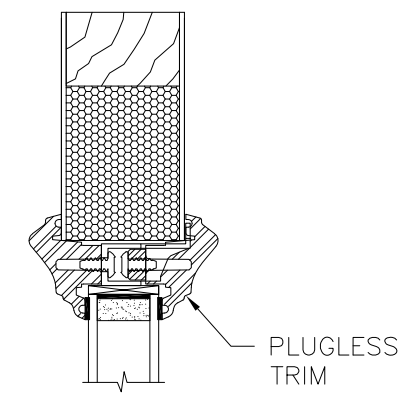
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SIGNET TRIM



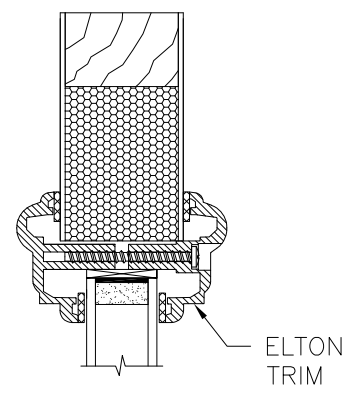
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STANDARD TRIM



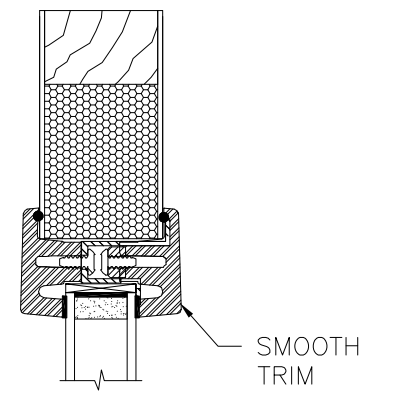
OPTION 4
SMOOTH TRIM



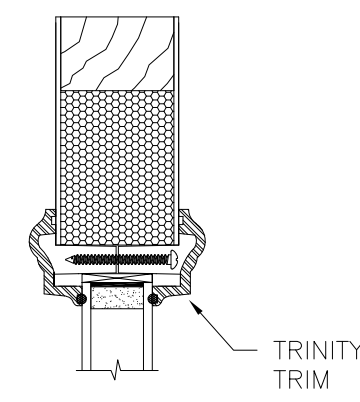
PLUGLESS TRIM



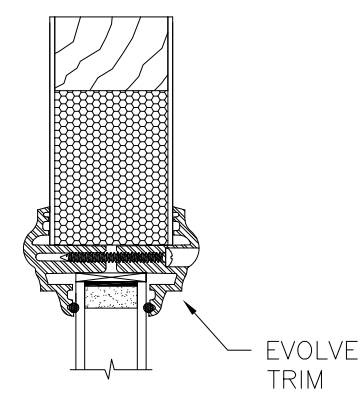
ELTON TRIM



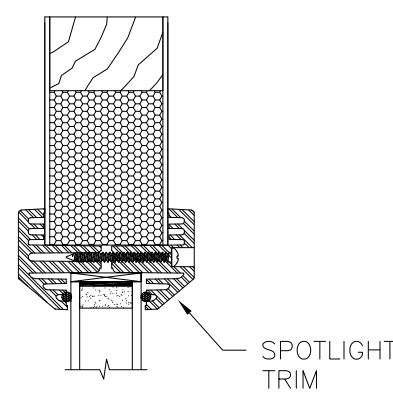
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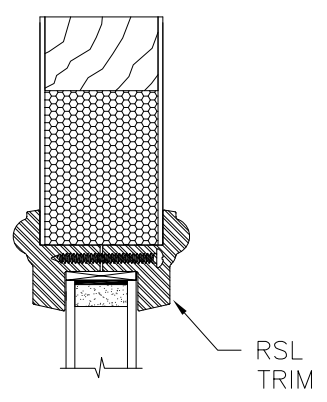
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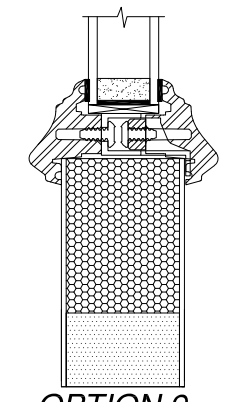
EVOLVE TRIM



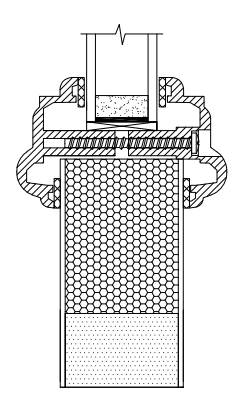
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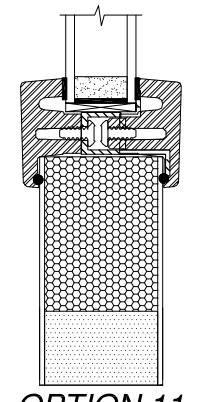
RSL TRIM



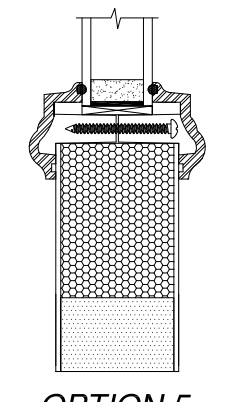
OPTION 9
PLUGLESS TRIM
W/TAPE



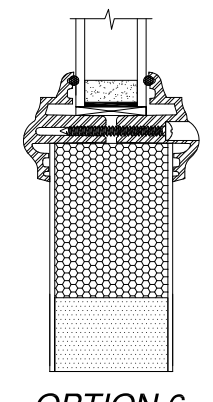
OPTION 10
ELTON TRIM



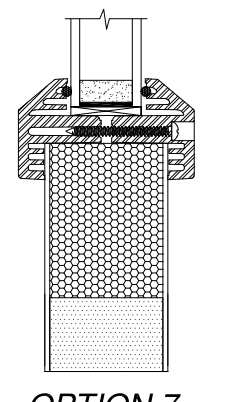
OPTION 11
SMOOTH TRIM
W/TAPE



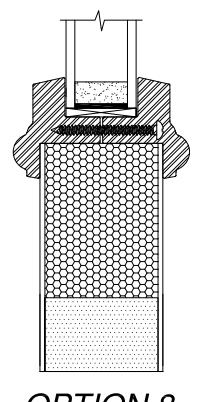
OPTION 5
TRINITY TRIM



OPTION 6
EVOLVE TRIM



OPTION 7
SPOTLIGHT TRIM



OPTION 8
RSL TRIM

SIGNED: 02/02/2021

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2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

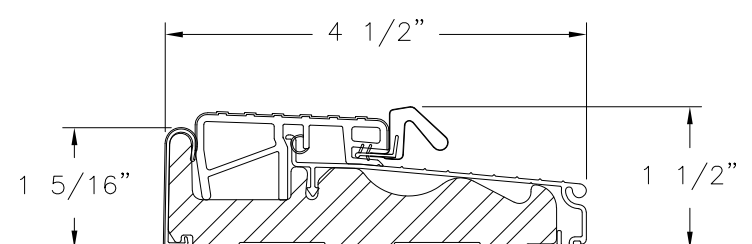
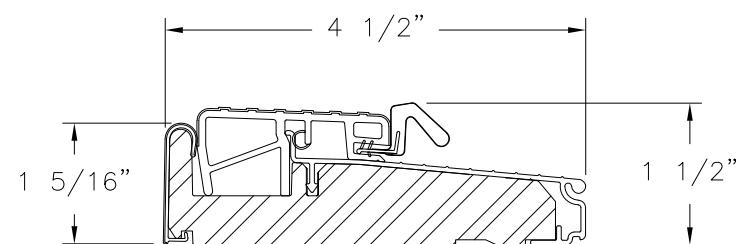
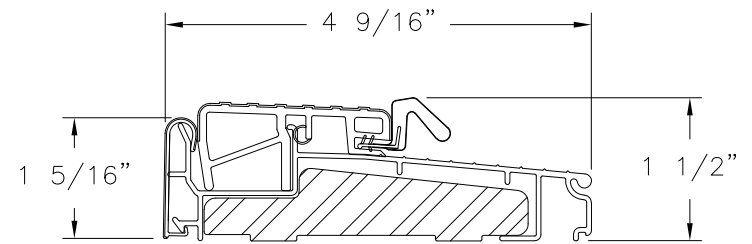
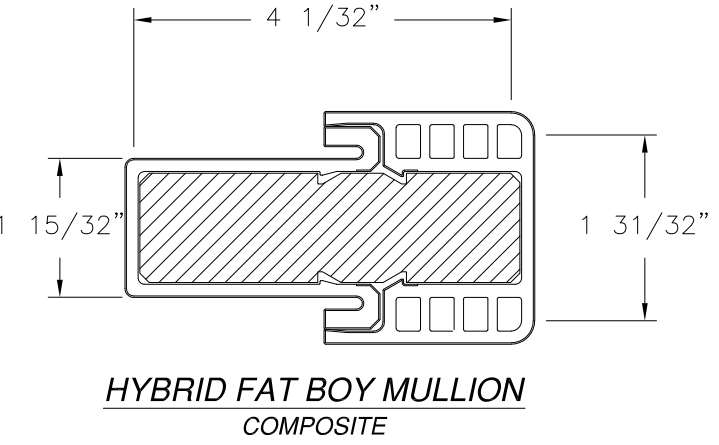
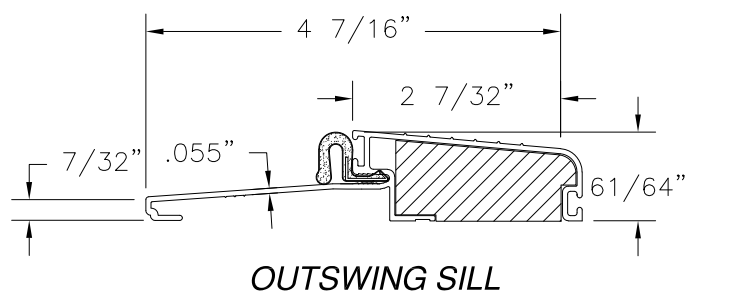
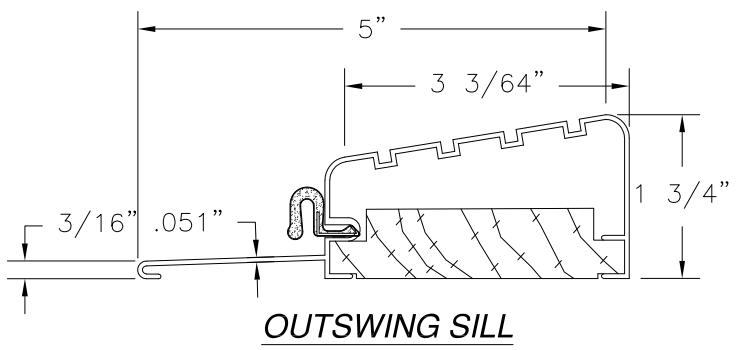
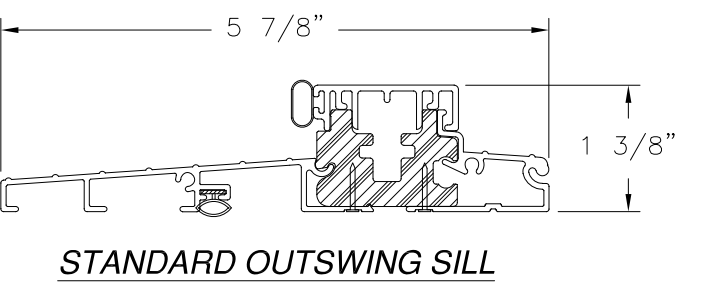
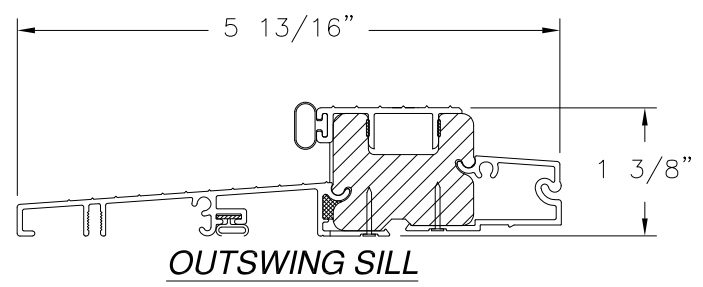
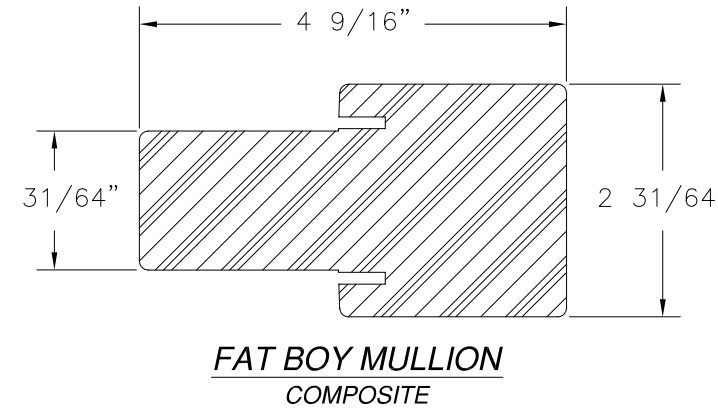
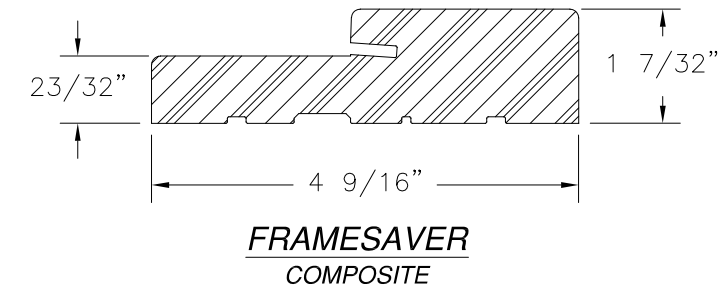
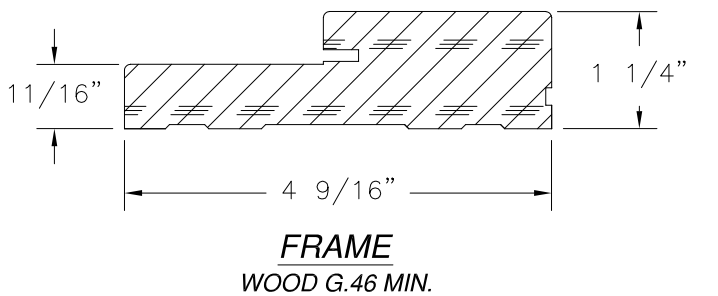
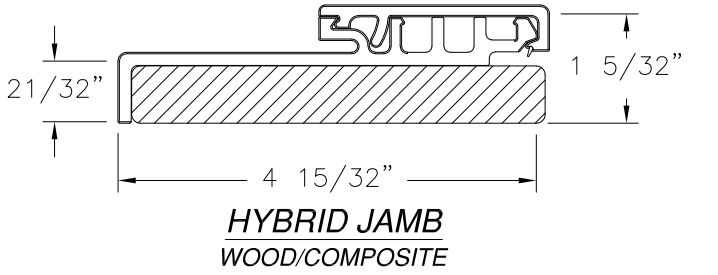
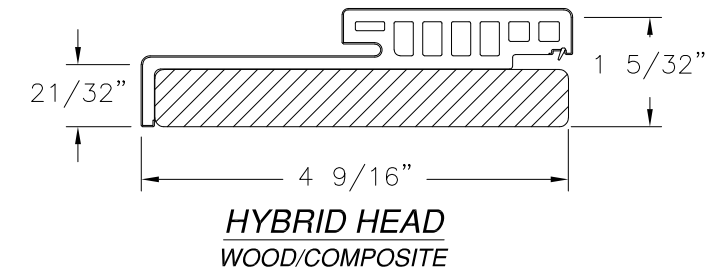
6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
APPROVED TRIMS

| | | |
|----------------|---------------------|----------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 30 OF 32 |

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

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

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| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



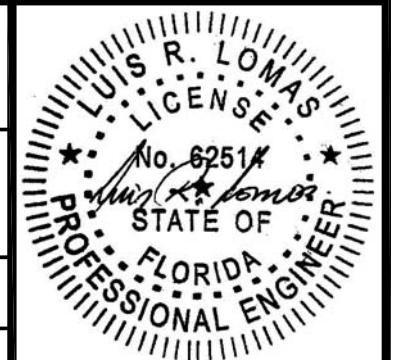
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
COMPONENTS

| | | |
|----------------|---------------------|----------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 31 OF 32 |

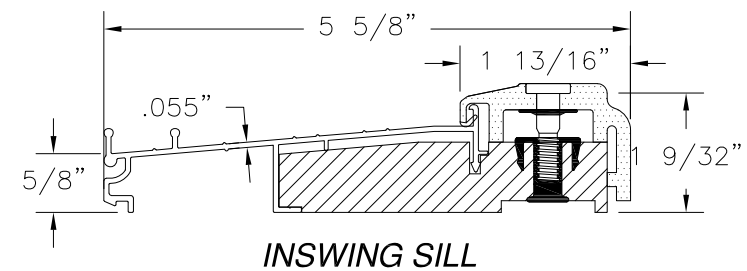
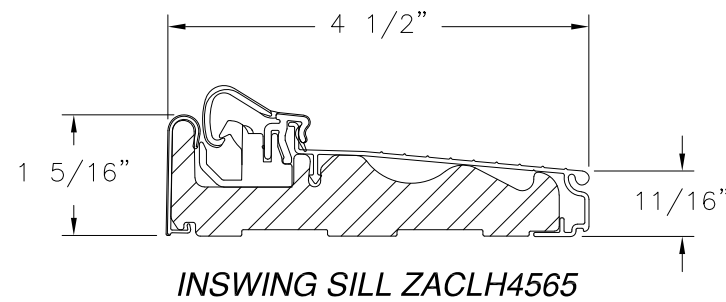
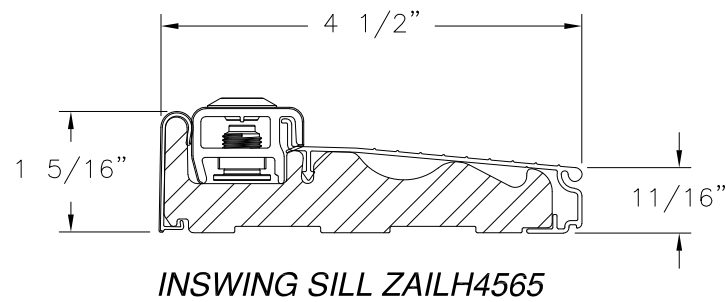
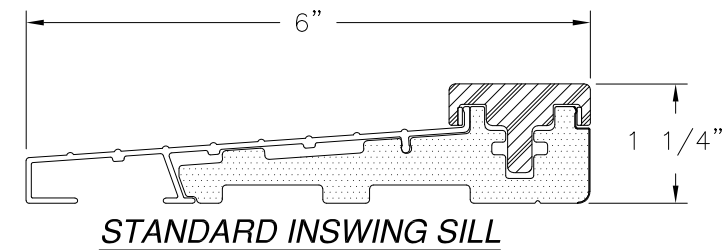
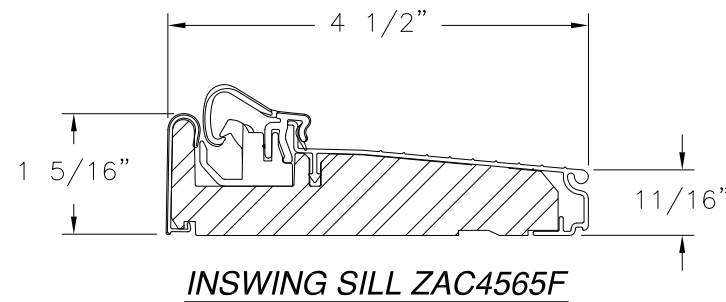
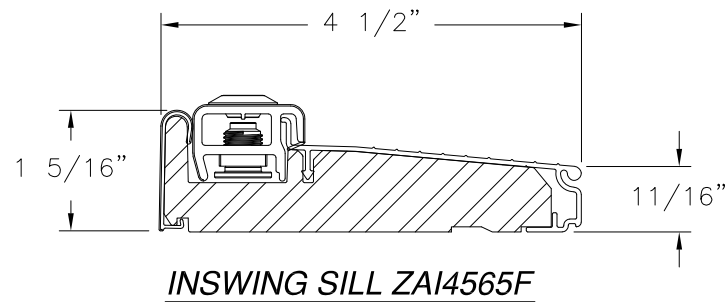
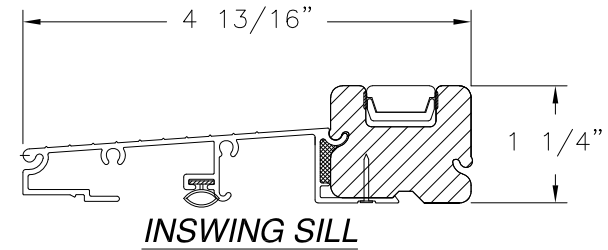
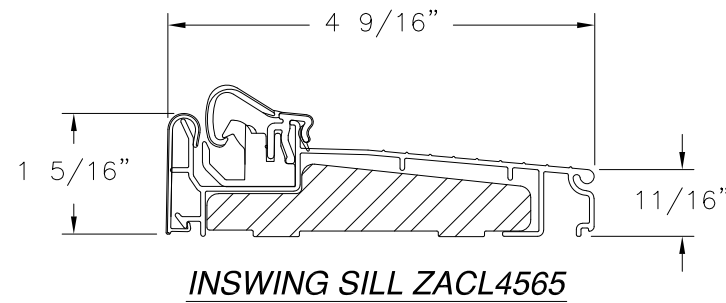
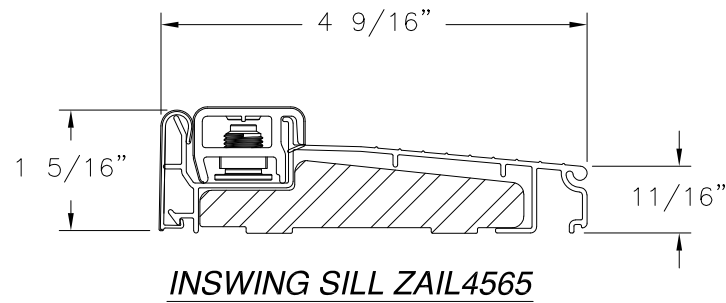
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SIGNED: 02/02/2021



Luis R. Lomas P.E.
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| REVISIONS | | | |
|-----------|------------------------|------------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| G | REVISE TRIMS AND LITES | 01/27/2021 | R.L. |



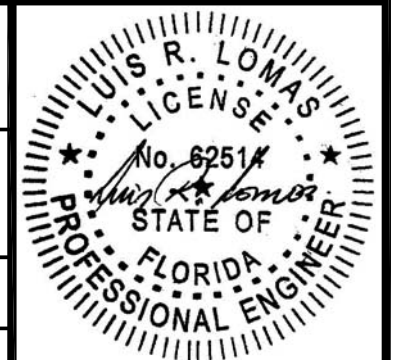
SIGNED: 02/02/2021

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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 COMPONENTS

| | | |
|----------------|---------------------|----------------|
| DRAWN: V.L. | DWG NO. 08-01356 | REV G |
| SCALE NTS | DATE 10/03/11 | SHEET 32 OF 32 |

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