

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED MONOLITHIC GLASS	01/21/2020	R.L.

NOTES:

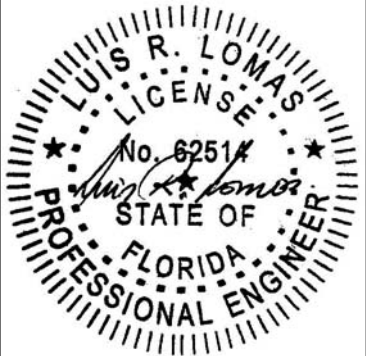
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” 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. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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: MAHOGANY.
12. UNITS MUST BE GLAZED PER ASTM E1300–04/09, SEE SHEET 12 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 #14 SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

16. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING STEEL ANCHOR PLATE OR ALUMINUM ANGLE CLIP INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 1 1/4” MINIMUM EMBEDMENT. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
18. FOR ANCHORING STEEL ANCHOR PLATE OR ALUMINUM ANGLE CLIP INTO METAL STRUCTURE USE #10 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
19. FOR ANCHORING STEEL ANCHOR PLATE OR ALUMINUM ANGLE CLIP 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.
20. ALL FASTENERS TO BE CORROSION RESISTANT.
21. 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 .125” THICK MINIMUM

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2	ELEVATION
3 – 11	INSTALLATION DETAILS
12	COMPONENTS AND GLAZING DETAILS

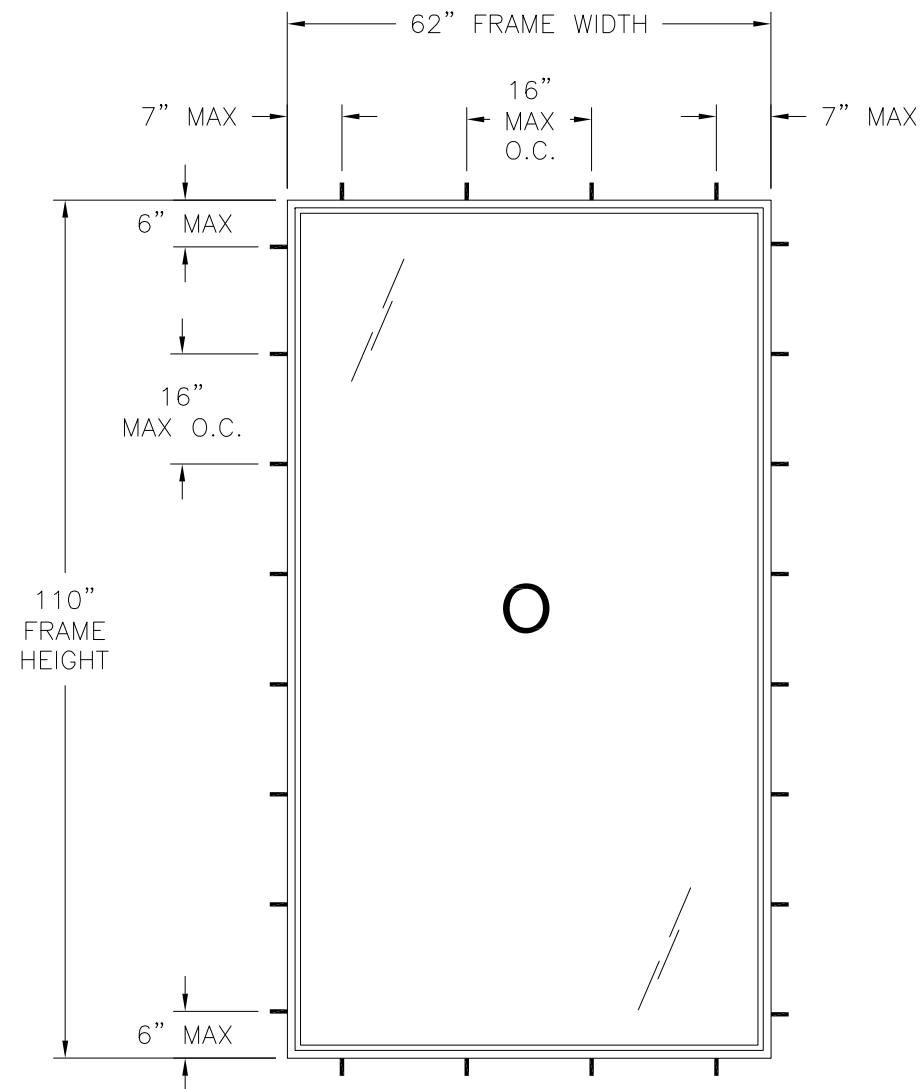
REVIVAL SASH 78 DIAMOND ROAD SPRINGFIELD, NJ 07081		
1100 WOOD FIXED WINDOW IMPACT HVHZ NOTES		
DRAWN: A.R.	DWG NO. 08–03496	REV A
SCALE NTS	DATE 10/15/19	SHEET 1 OF 12
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 02/05/2020



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

REVISIONS			
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A	ADDED MONOLITHIC GLASS	01/21/2020	R.L.



- NOTES:
- 1. PANEL SIZE: 62" X 110"
 - 2. D.L.O. SIZE: 58 1/2" X 106 1/2"

1100 WOOD FIXED WINDOW IMPACT HVHZ
EXTERIOR VIEW

WITH GLASS DETAIL A AND C

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0\text{PSF}$	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

WITH GLASS DETAIL B AND D

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 75.0\text{PSF}$	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

62" X 110" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS FRAME AREA
DOES NOT EXCEED 47.4 FT²

SIGNED: 02/05/2020

REVIVAL SASH
78 DIAMOND ROAD
SPRINGFIELD, NJ 07081

1100 WOOD FIXED WINDOW
IMPACT HVHZ
ELEVATION

DRAWN:
A.R.

DWG NO.
08-03496

REV
A

SCALE NTS

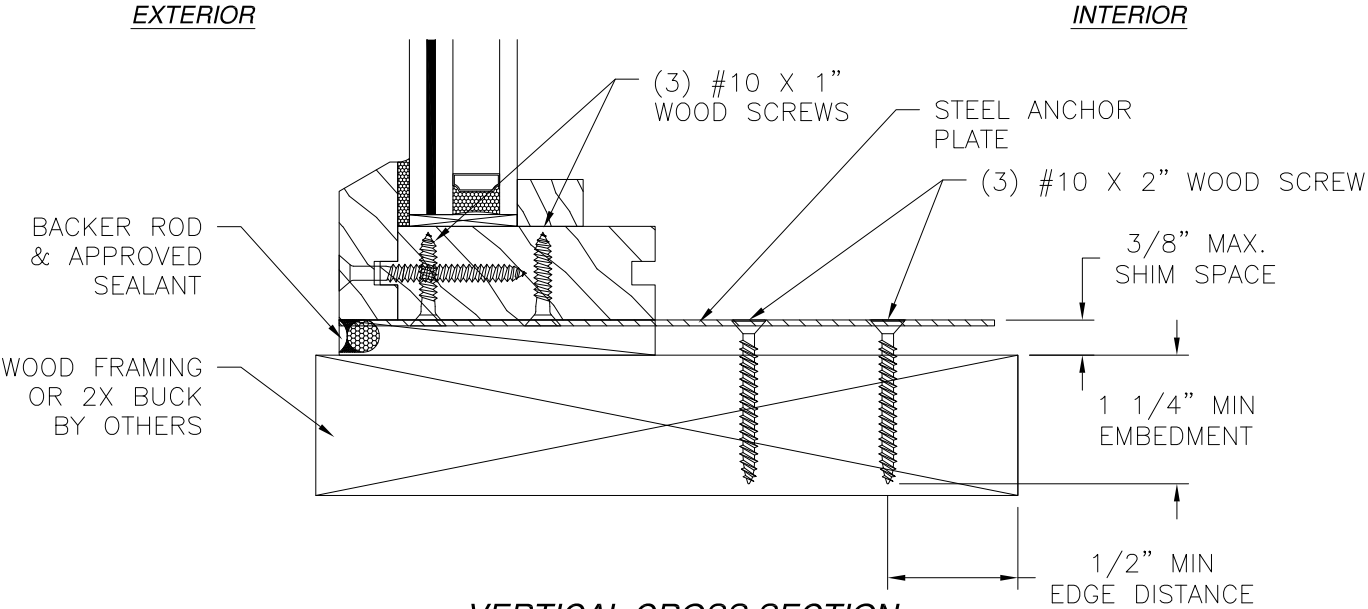
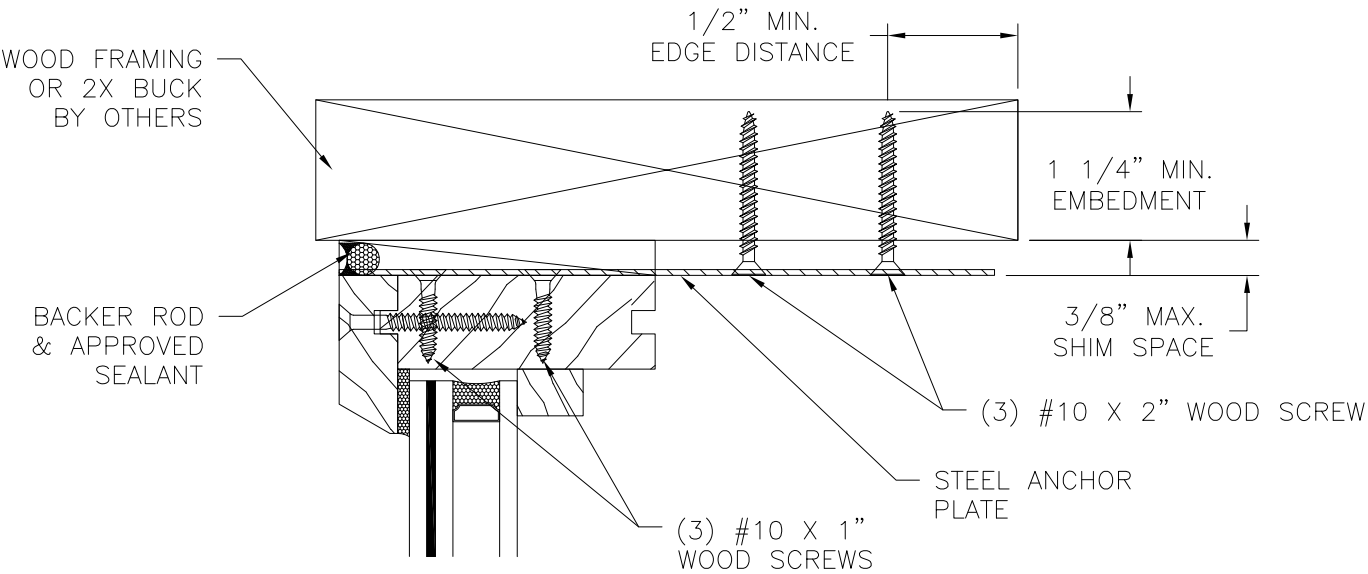
DATE 10/15/19

SHEET 2 OF 12

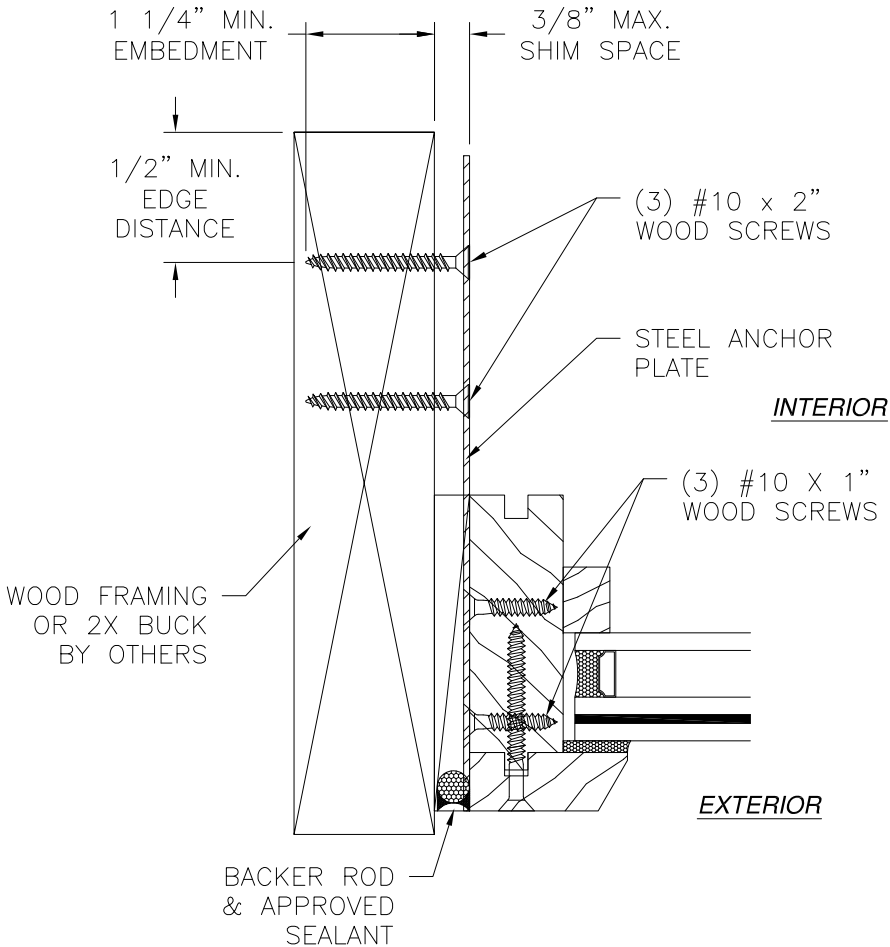
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
WITH STEEL ANCHOR PLATE

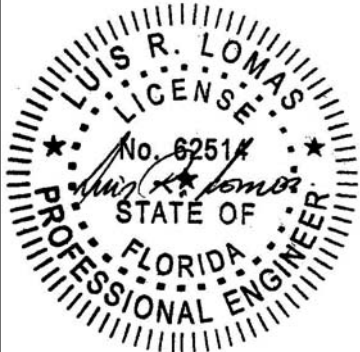


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
WITH STEEL ANCHOR PLATE

- 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

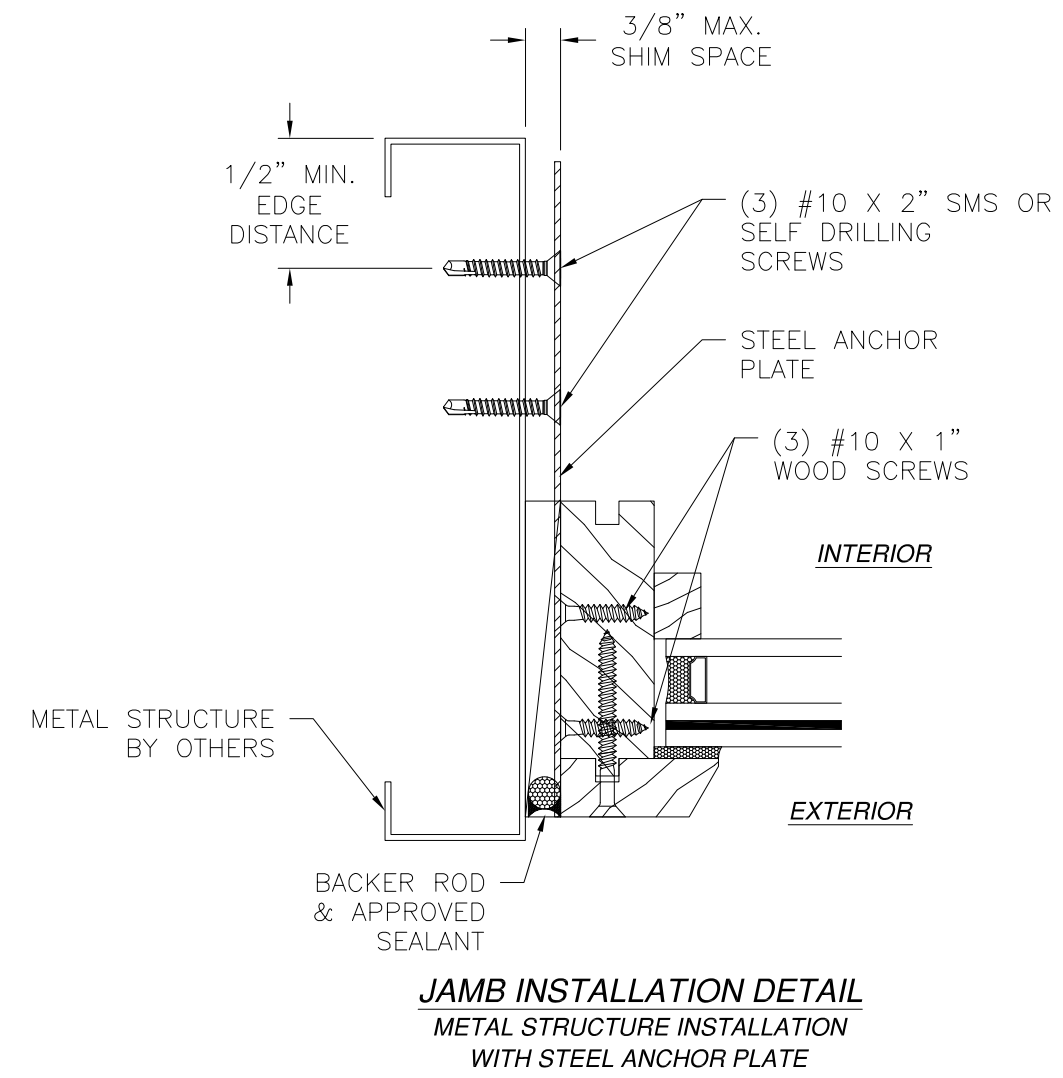
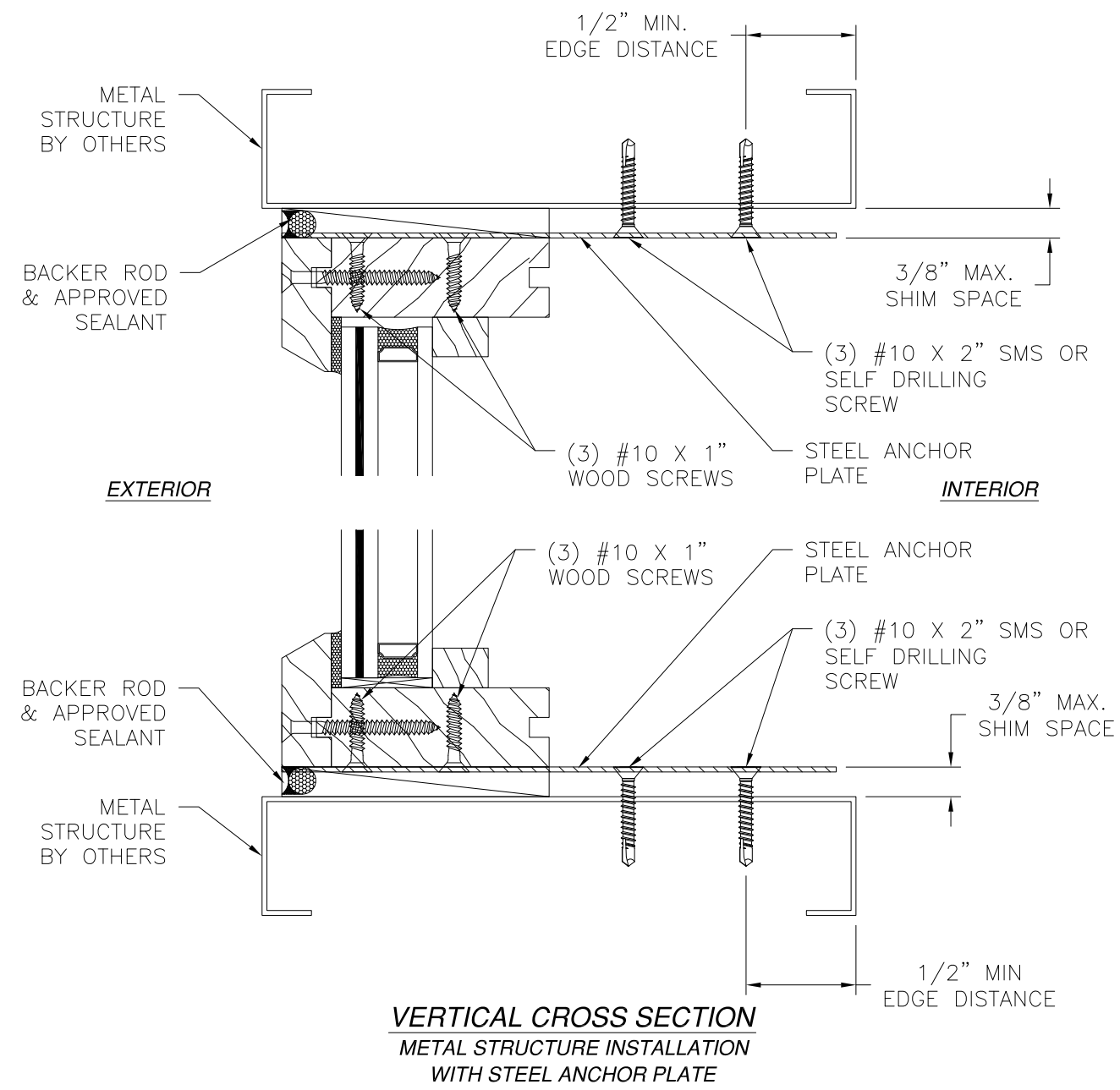
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REVIVAL SASH

78 DIAMOND ROAD
SPRINGFIELD, NJ 07081

1100 WOOD FIXED WINDOW
IMPACT HVHZ
INSTALLATION DETAILS

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SHEET 4 OF 12

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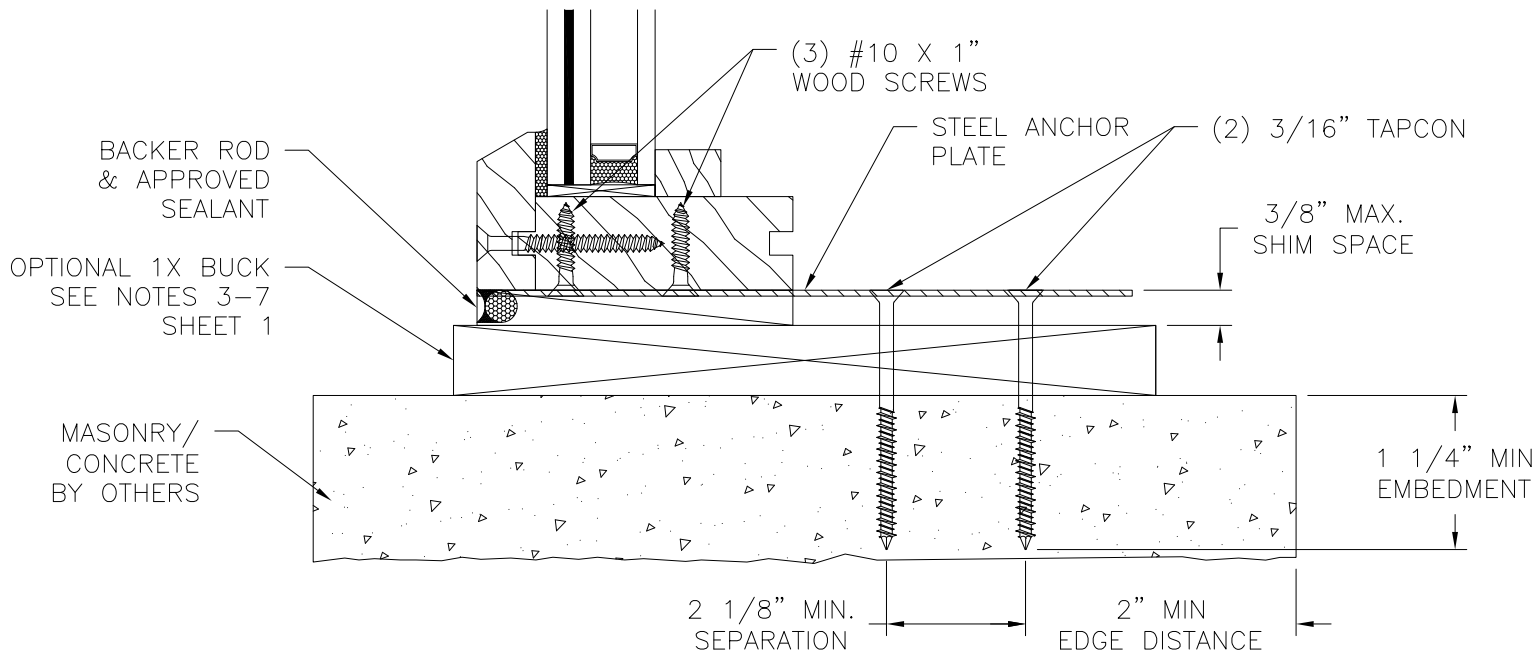
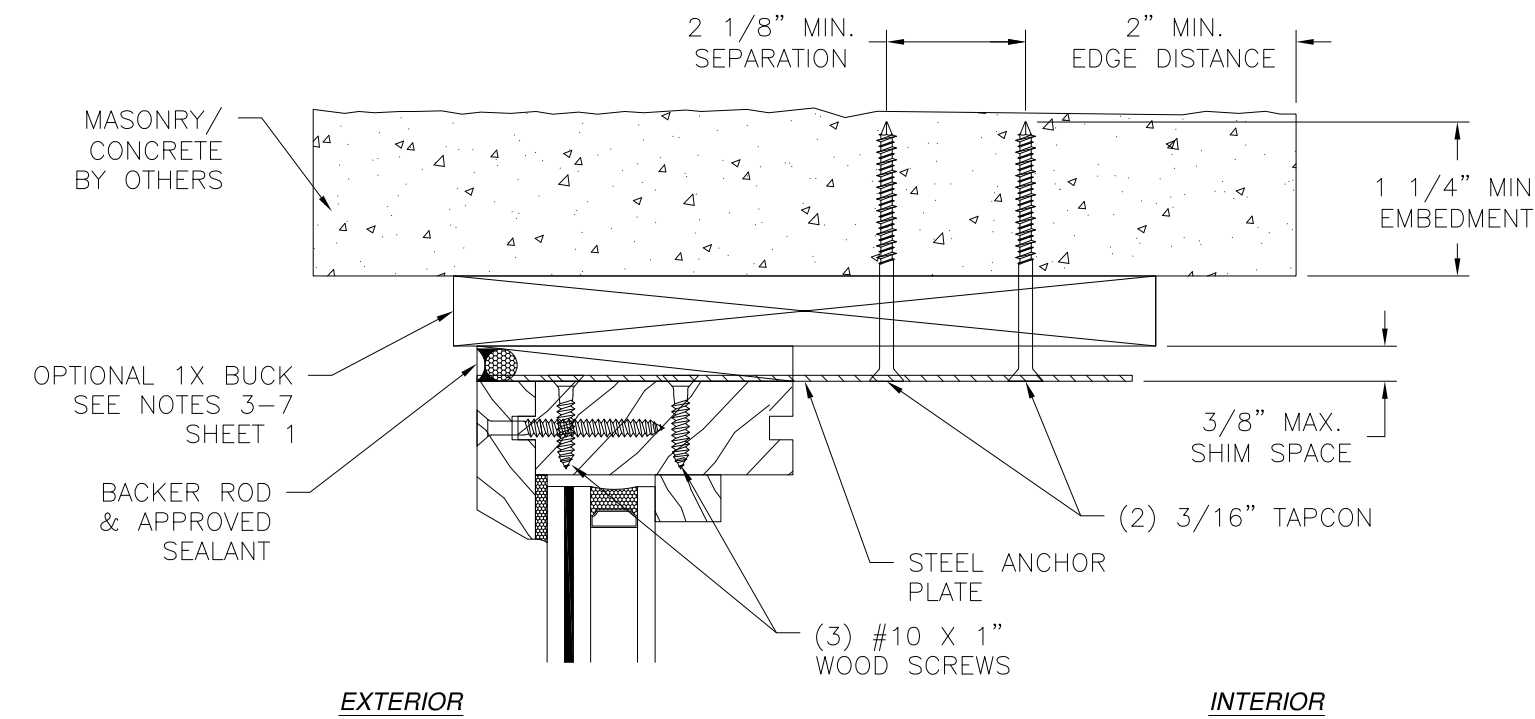
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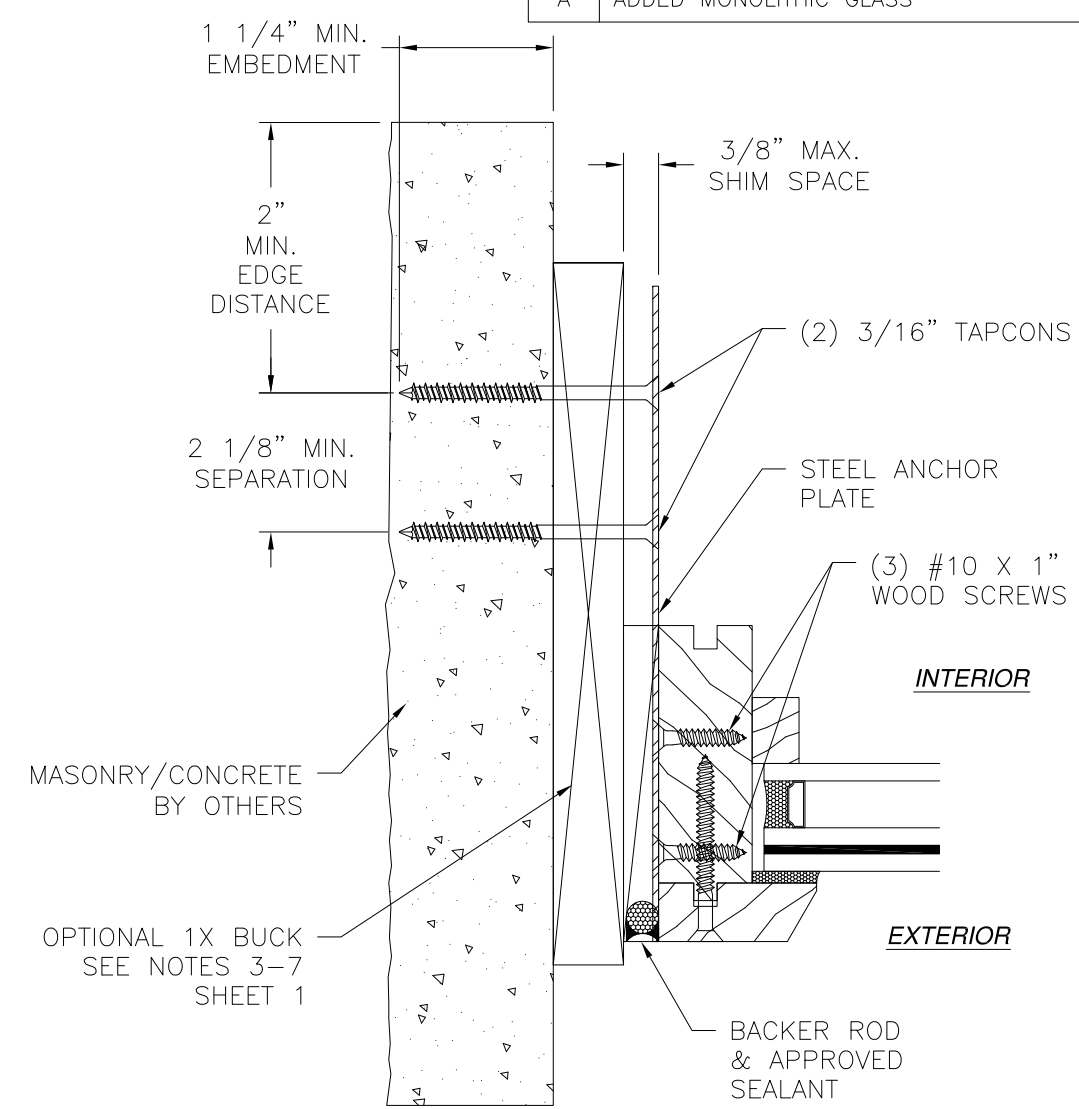
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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
WITH STEEL ANCHOR PLATE

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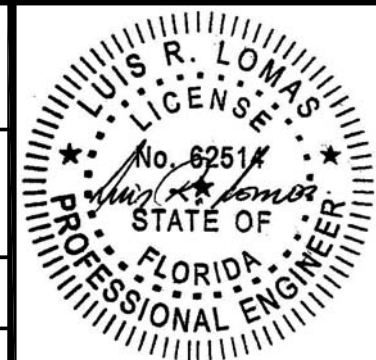
SHEET 5 OF 12

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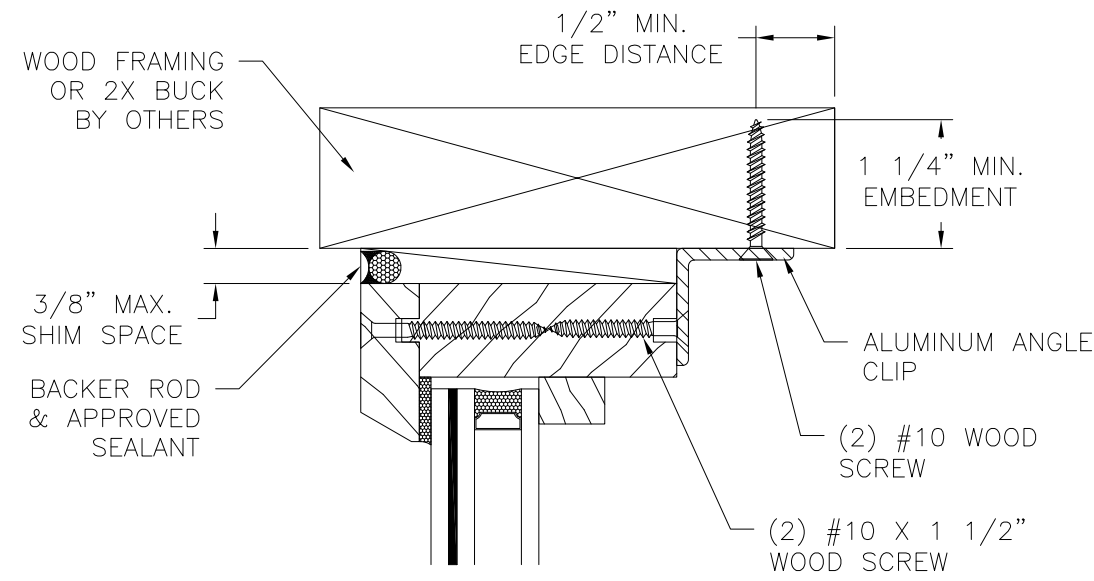
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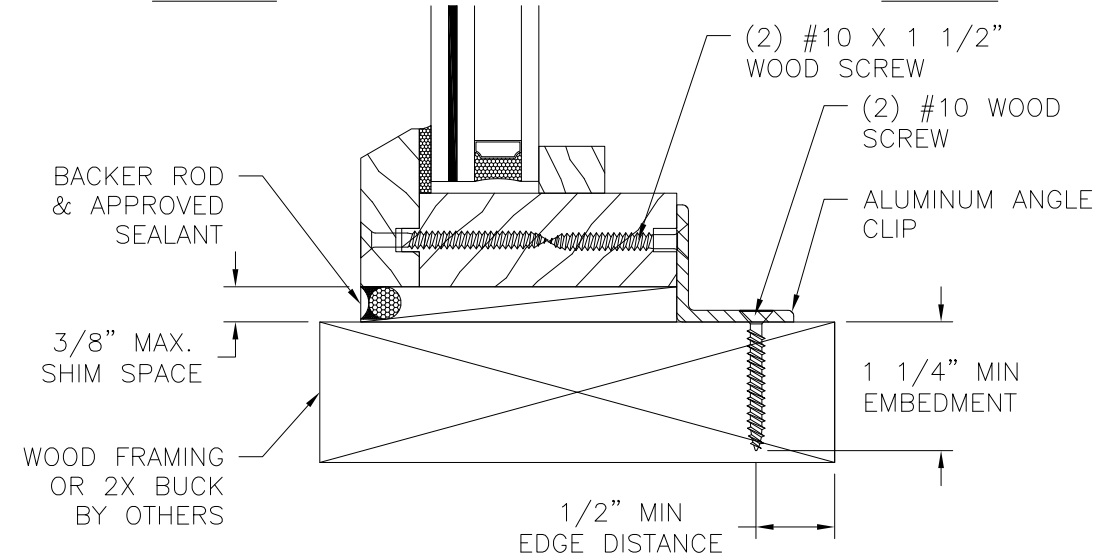
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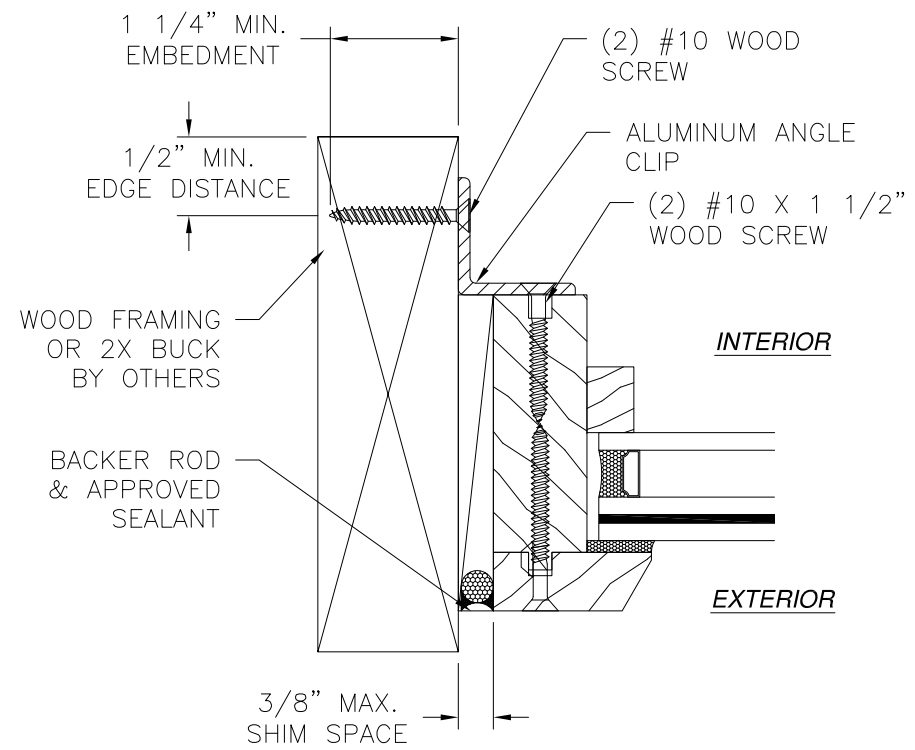


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
WITH ALUMINUM ANGLE CLIP

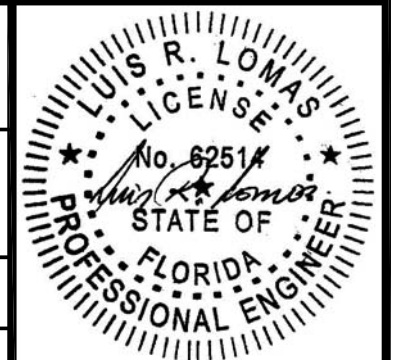


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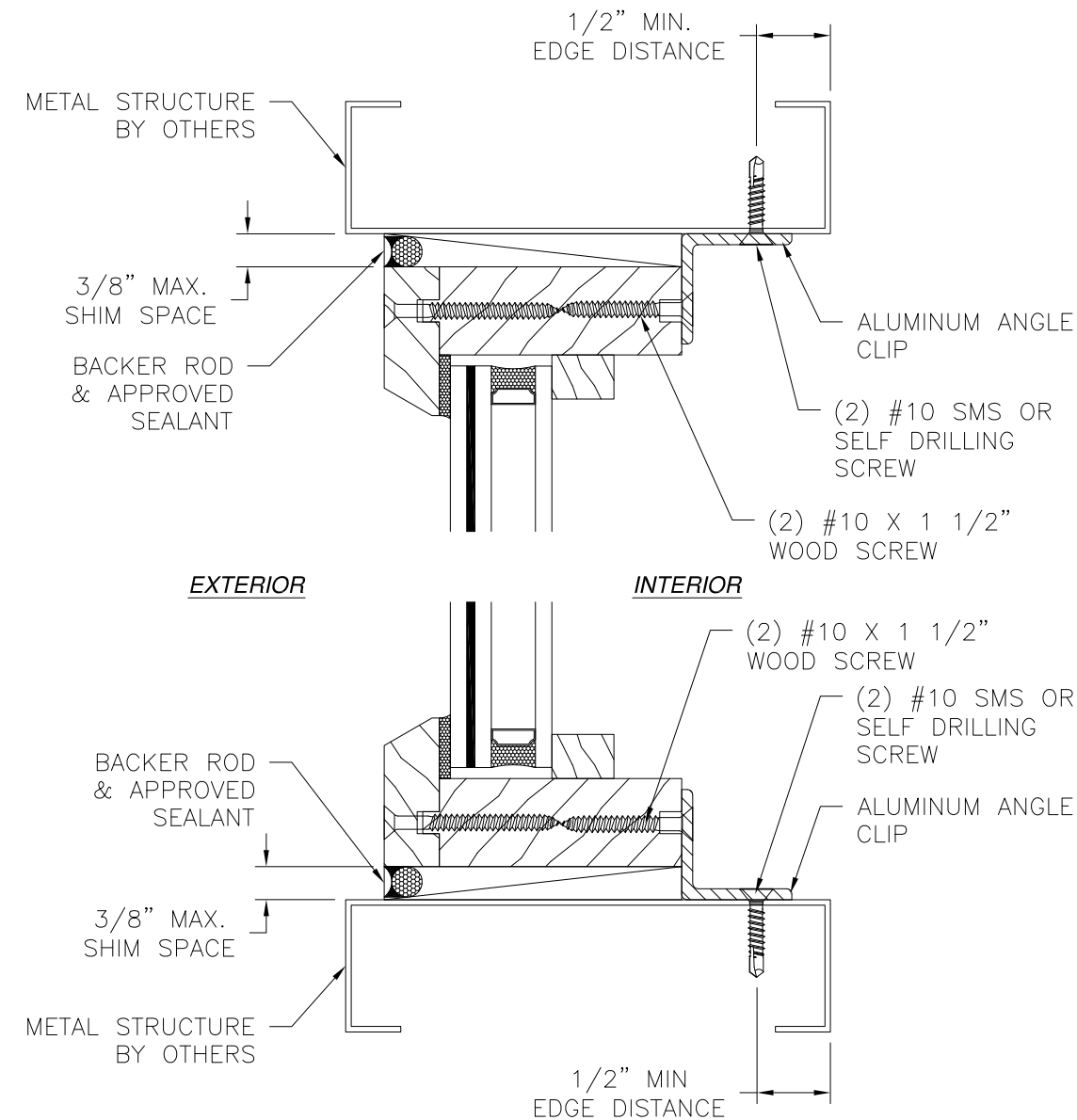
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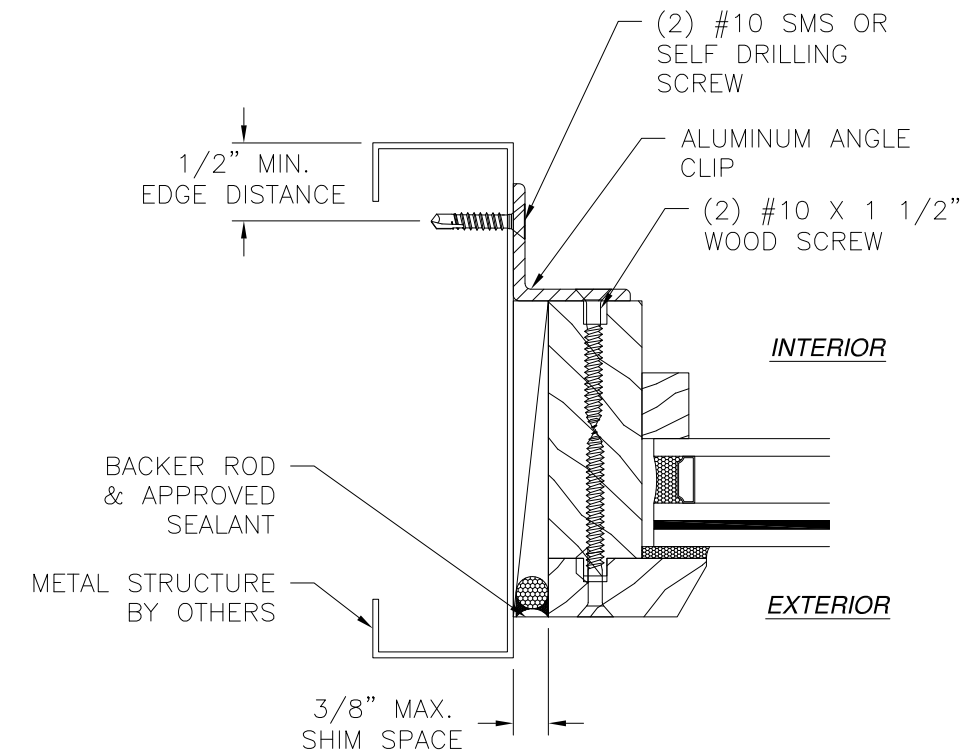
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
WITH ALUMINUM ANGLE CLIP

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METAL STRUCTURE INSTALLATION
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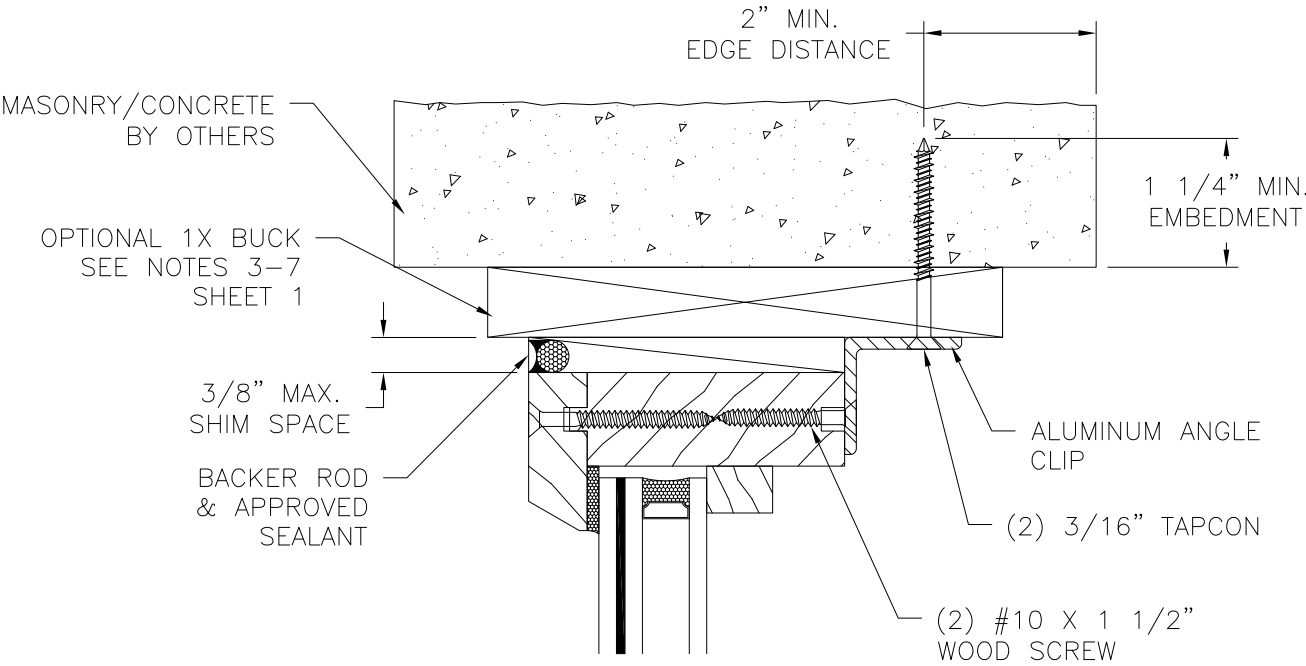
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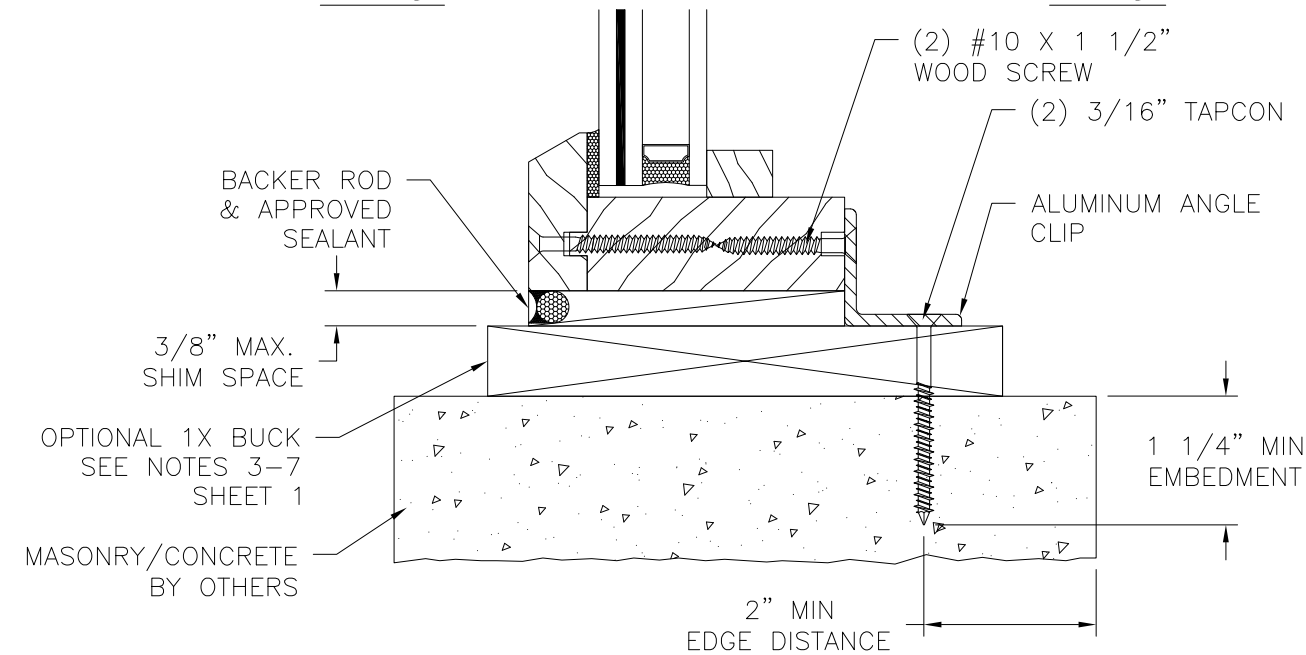
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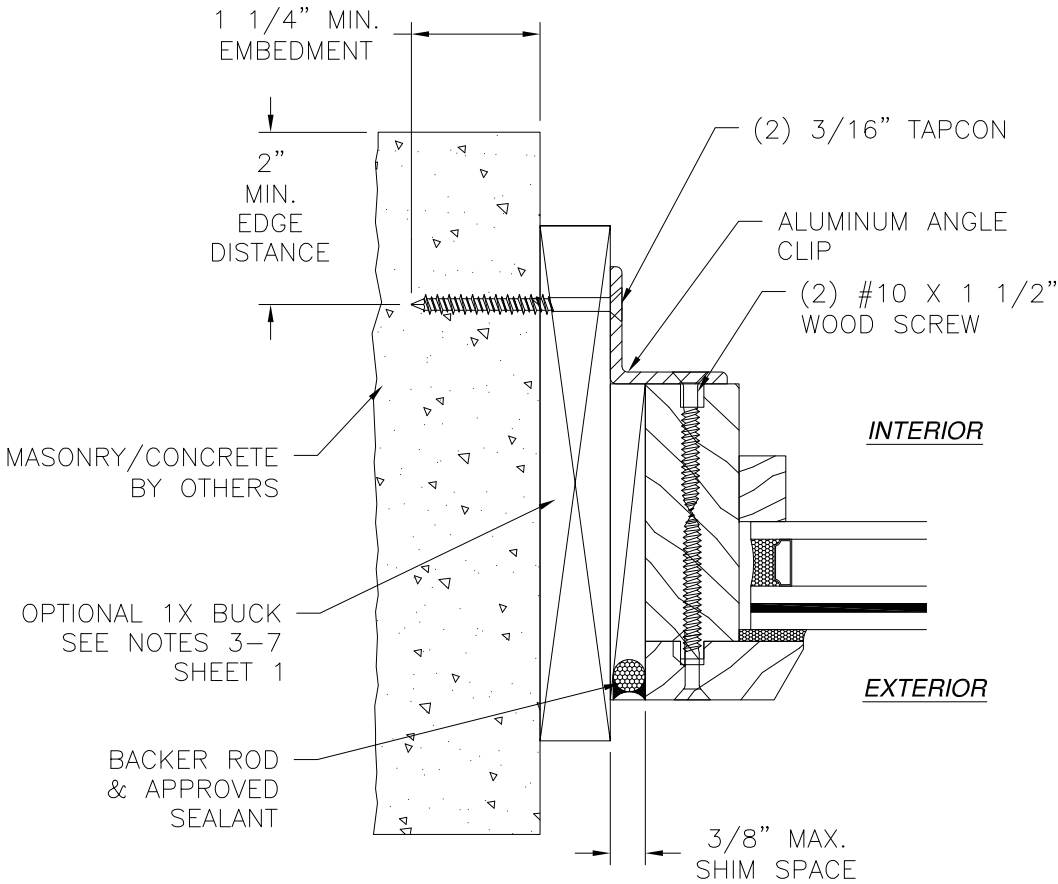
EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
WITH ALUMINUM ANGLE CLIP

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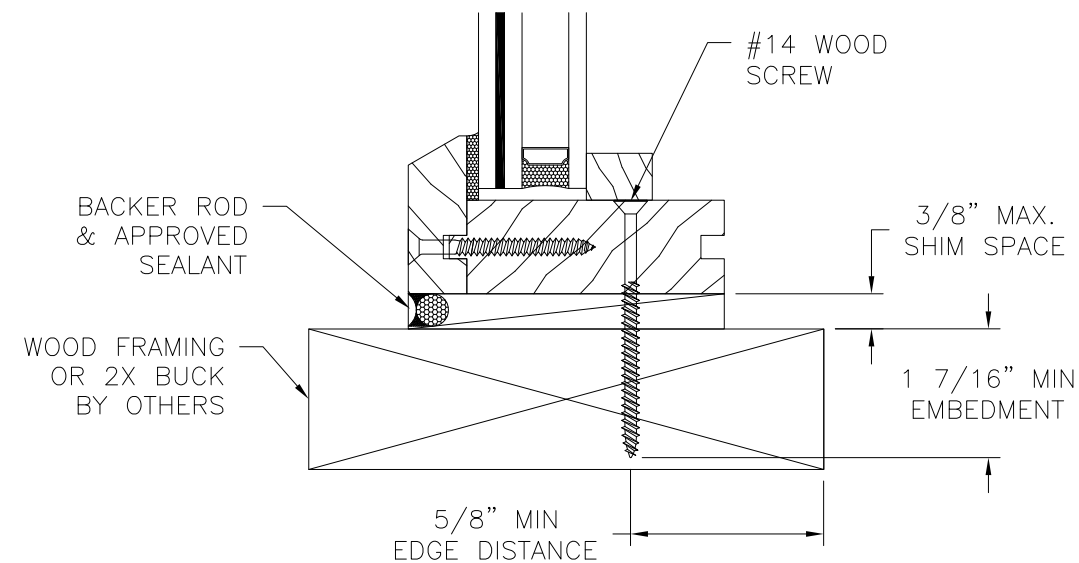
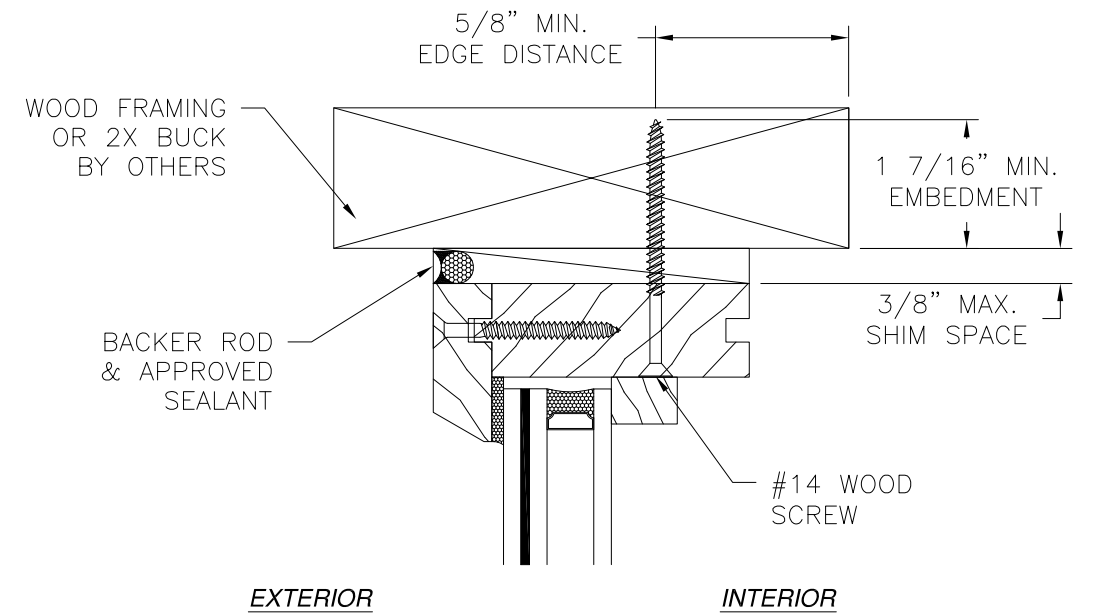
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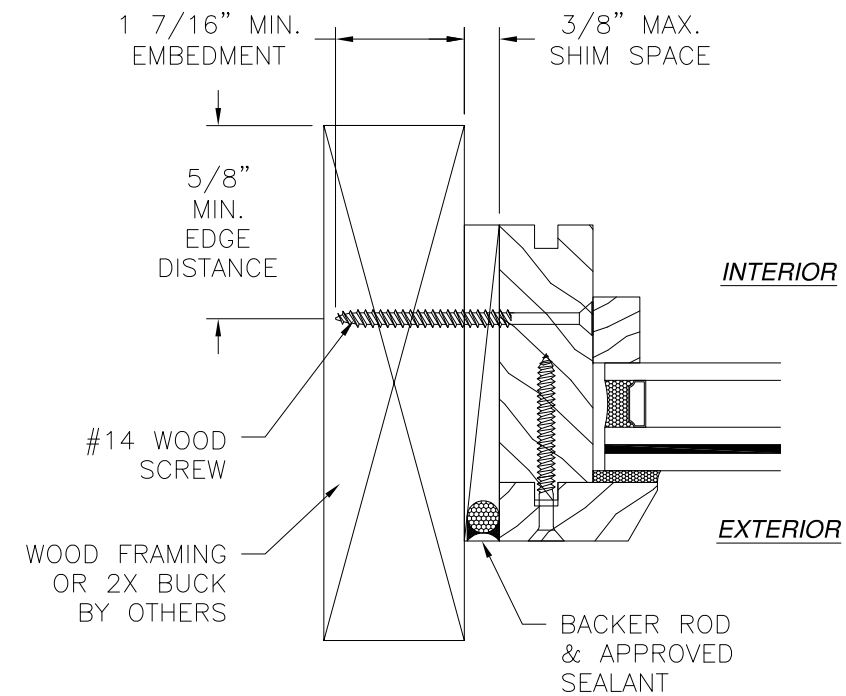


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
THROUGH THE FRAME

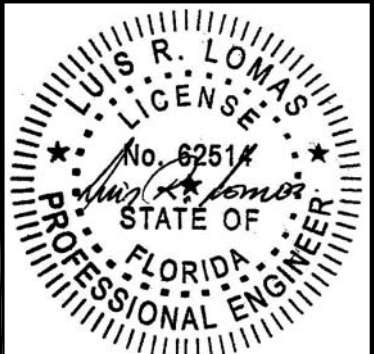


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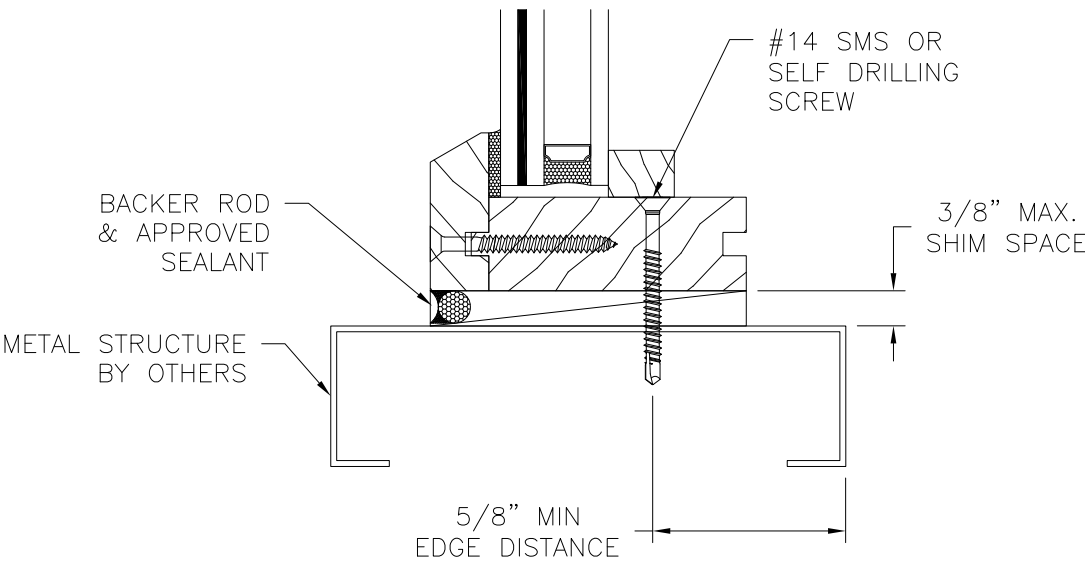
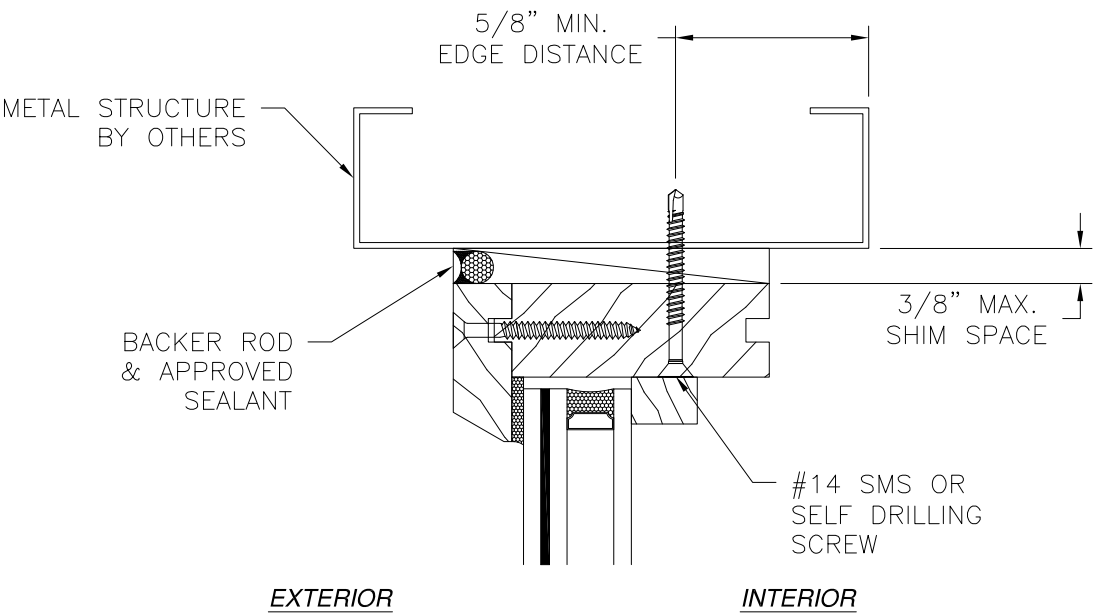
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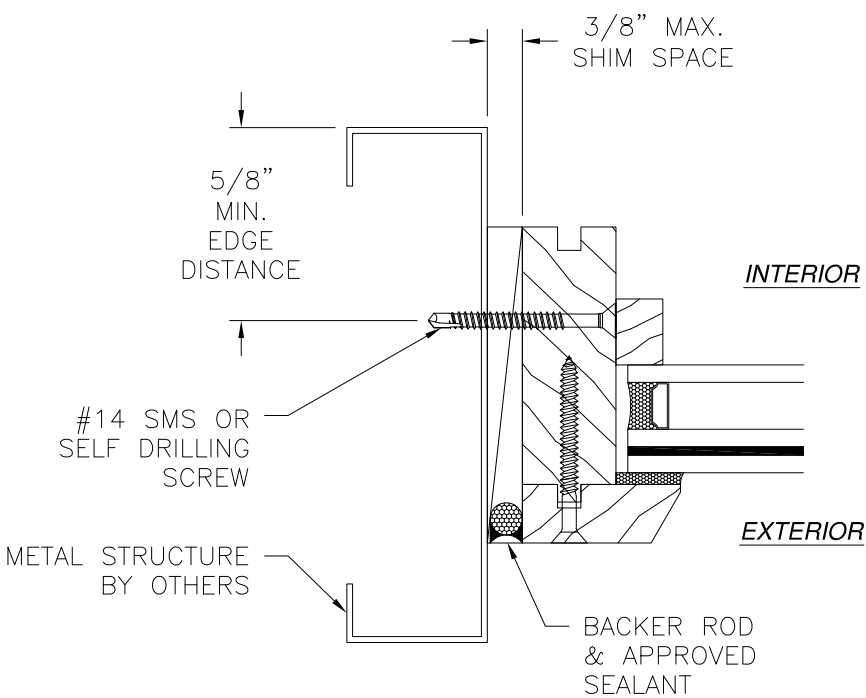


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
THROUGH THE FRAME

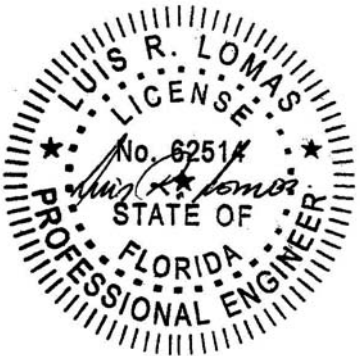


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METAL STRUCTURE INSTALLATION
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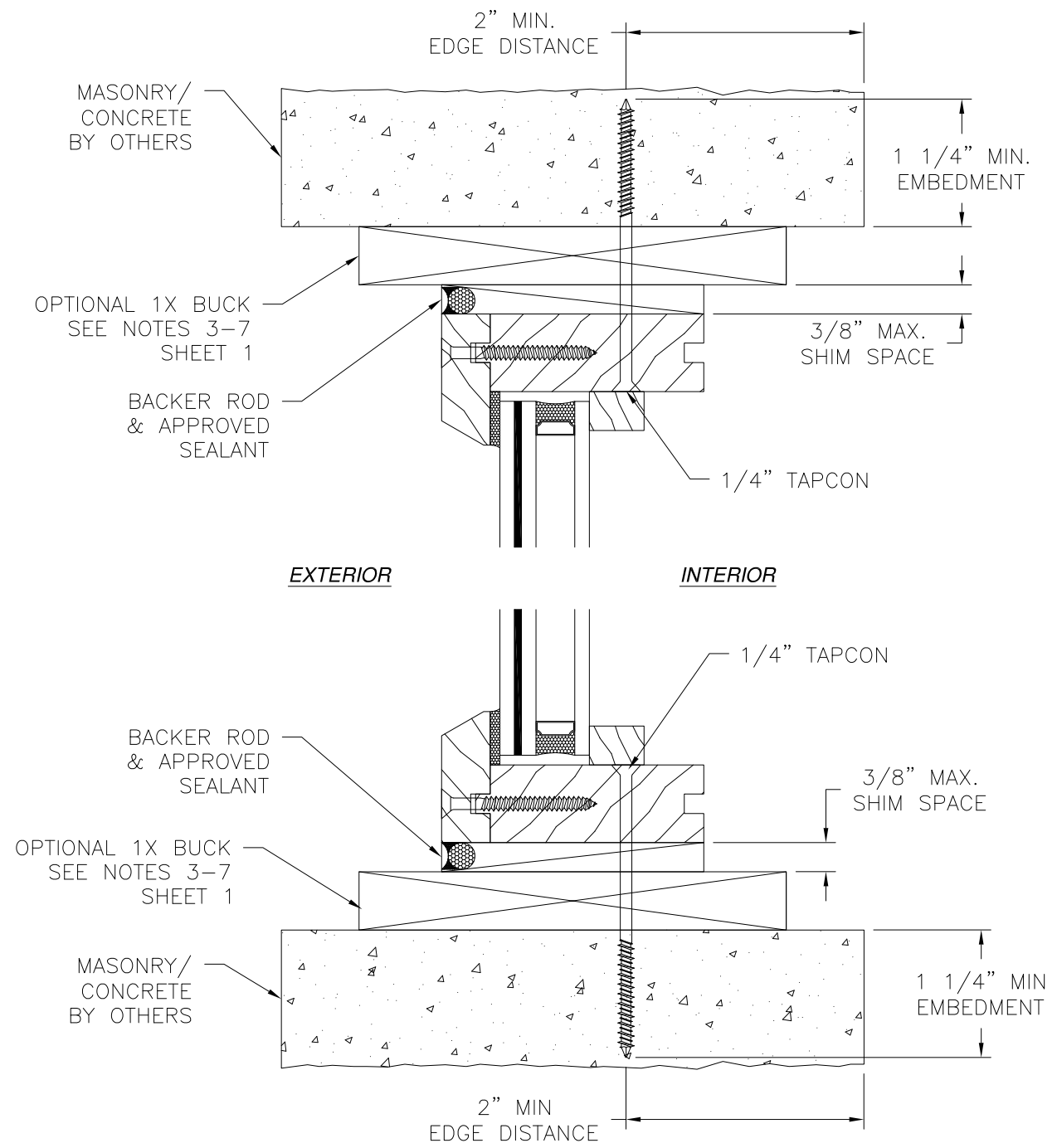
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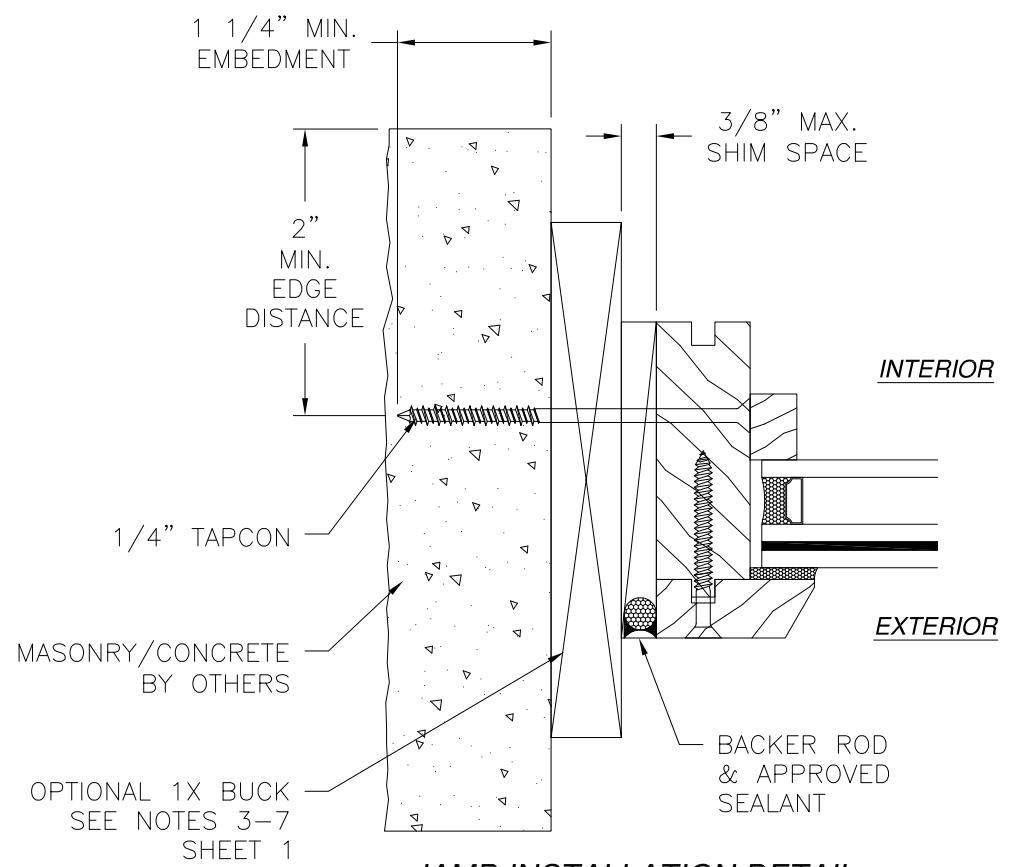


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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
THROUGH THE FRAME



JAMB INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION
THROUGH THE FRAME

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SPRINGFIELD, NJ 07081

1100 WOOD FIXED WINDOW
IMPACT HVHZ
INSTALLATION DETAILS

DRAWN:

A.R.

DWG NO.

08-03496

REV

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SCALE

NTS

DATE

10/15/19

SHEET

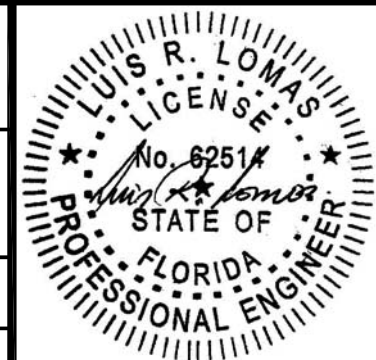
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