

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

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

2. WOOD FRAMING, METAL STRUCTURE 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. 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.

4. 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.

5. 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.

6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.

7. SHIM AS NEEDED 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”.

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

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

10. FRAME MATERIAL: EXTRUDED RIGID PVC.

11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLASS DETAILS.

12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 5/8” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

14. FOR ANCHORING THROUGH FIN 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.

15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

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

17. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #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.

18. ALL FASTENERS TO BE CORROSION RESISTANT.

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

19.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

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

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

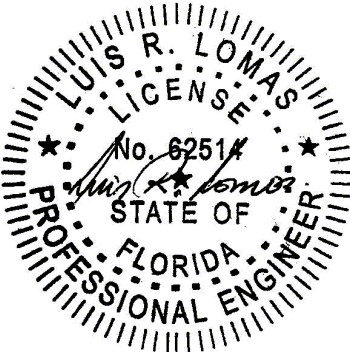
19.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI 1/8” THICK MINIMUM

20. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

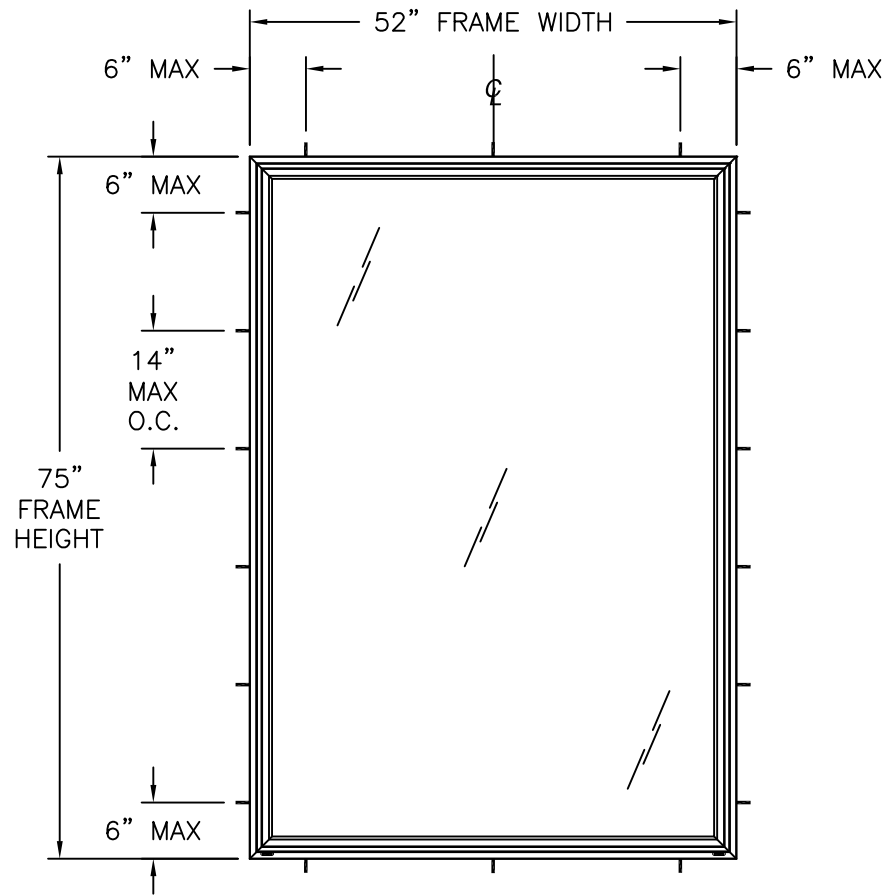
SIGNED: 02/05/2024

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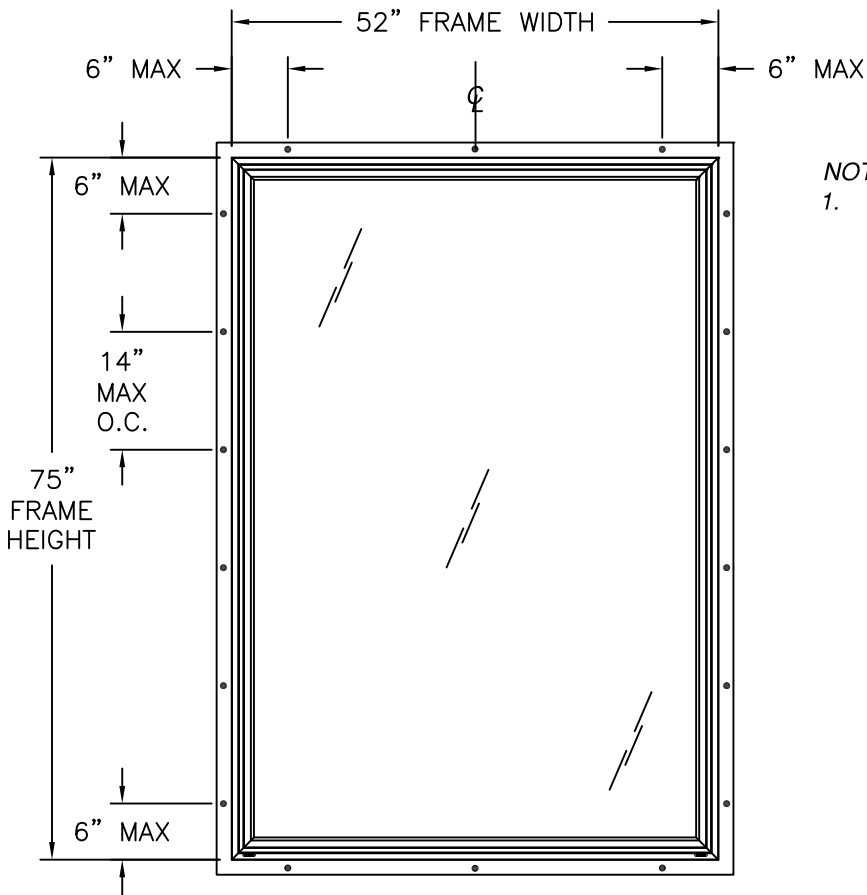
SLOCOMB WINDOWS AND DOORS, INC.		
767 SANS SOUCI PARKWAY WILKES–BARRE, PA 18706		
650 PW PICTURE WINDOW IMPACT NOTES		
DRAWN: A.R.	DWG NO. 08–03999	REV –
SCALE NTS	DATE 01/24/2024	SHEET 1 OF 11
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FL No.: 62514



650 PW PICTURE WINDOW
EXTERIOR VIEW
FINLESS AND FLANGE INSTALLATION



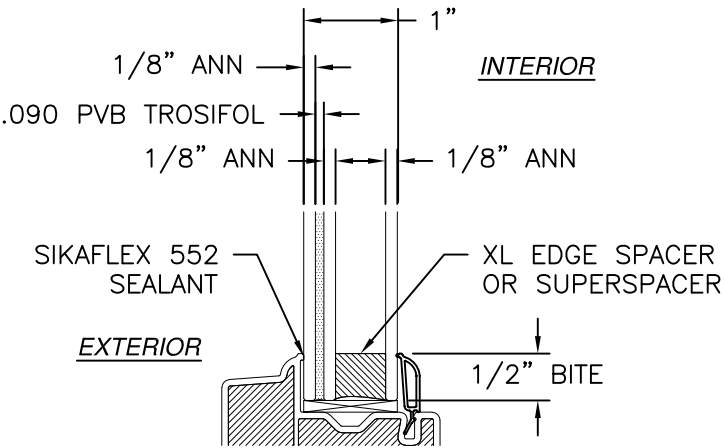
650 PW PICTURE WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

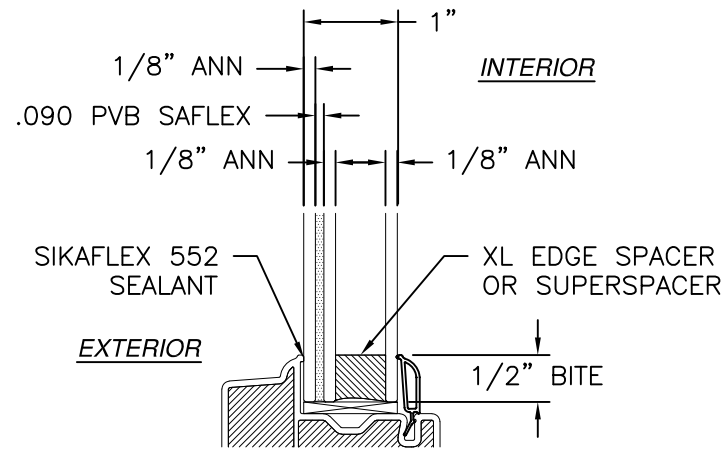
MISSILE LEVEL D, WIND ZONE 4

NOTES:
1. D.L.O.: 46 5/8" X 69 1/2"

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GLAZING DETAIL A



GLAZING DETAIL B

Chart #1
Design pressure rating (psf)

Frame Height (in)	Frame width (in)																
	24.00	30.00	36.00	42.00	48.00	52.00	54.00	60.00	66.00	72.00	78.00	84.00	90.00	96.00	102.00	108.00	114.00
24.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
30.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
36.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-
42.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-
48.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-
54.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-
60.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-
66.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-
72.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-
75.00	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-
78.00	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-
84.00	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-
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96.00	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102.00	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108.00	50.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114.00	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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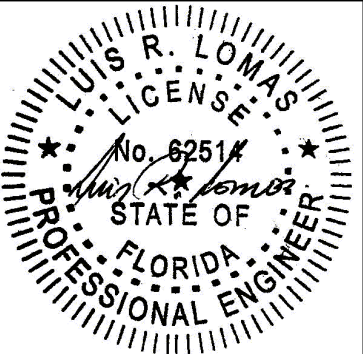
SLOCOMB WINDOWS AND DOORS, INC.
767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

650 PW PICTURE WINDOW
IMPACT
ELEVATIONS AND GLAZING DETAILS

DRAWN: A.R.	DWG NO. 08-03999	REV -
SCALE NTS	DATE 01/24/2024	SHEET 2 OF 11

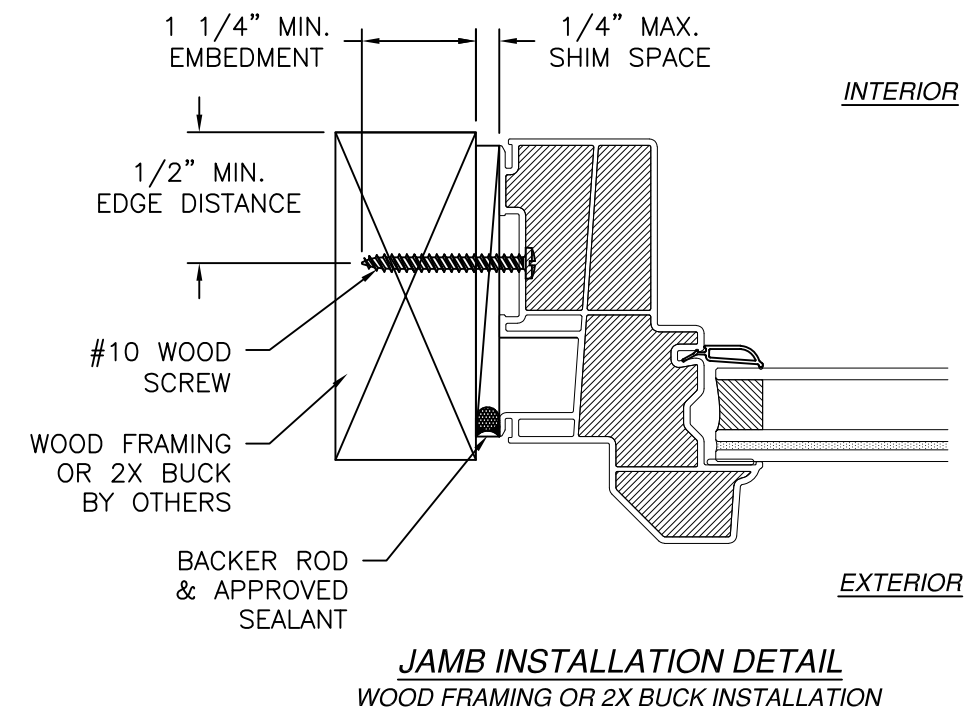
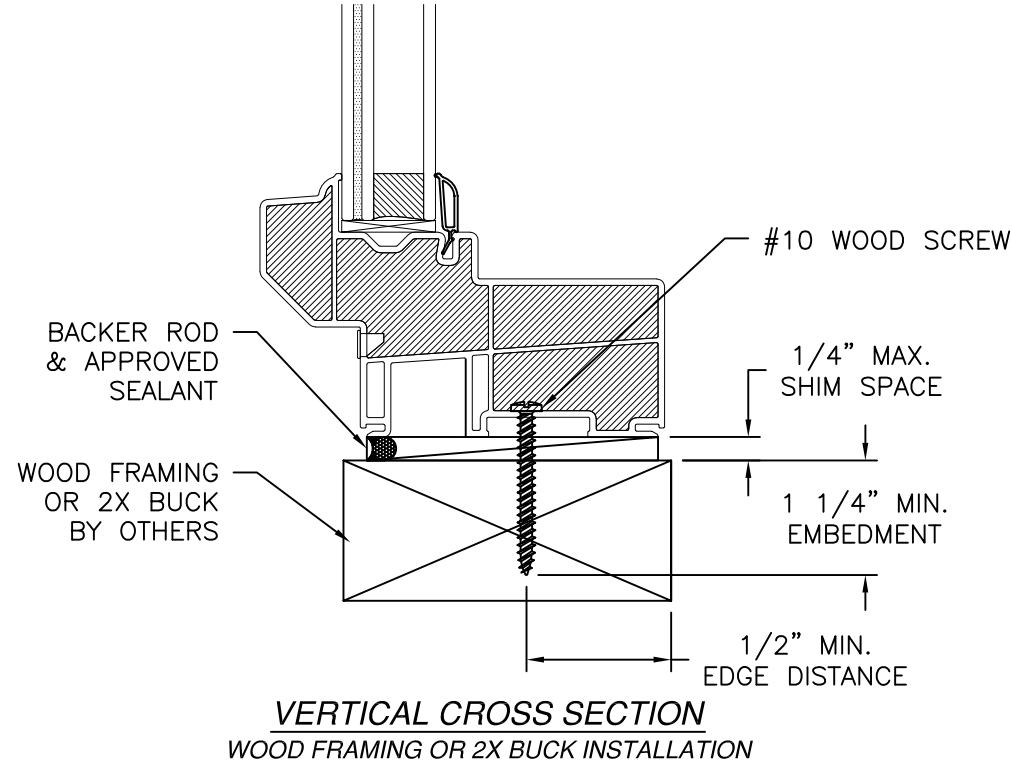
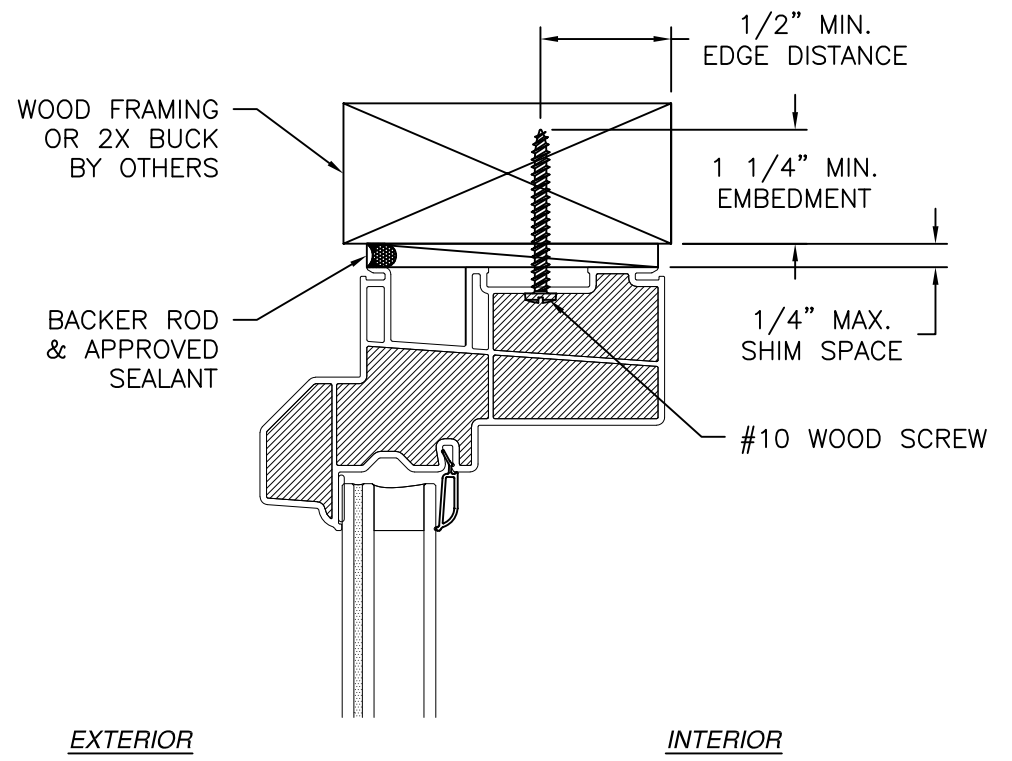
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SIGNED: 02/05/2024



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

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.
767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

650 PW PICTURE WINDOW
IMPACT
FINLESS INSTALLATION DETAILS

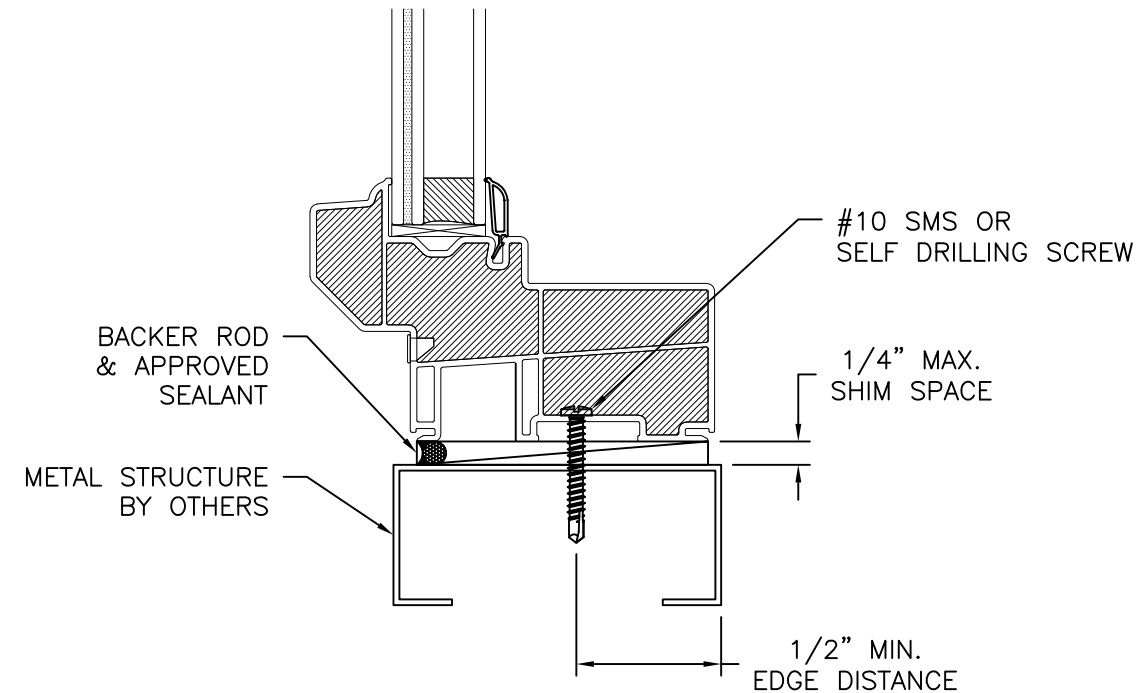
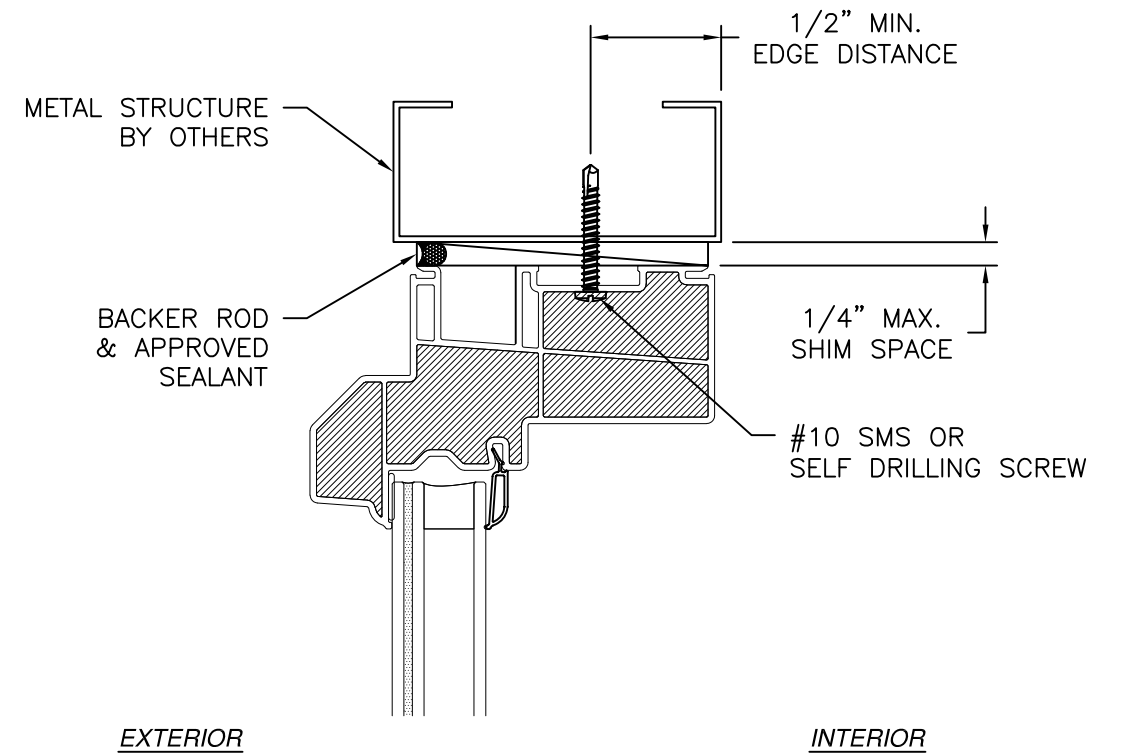
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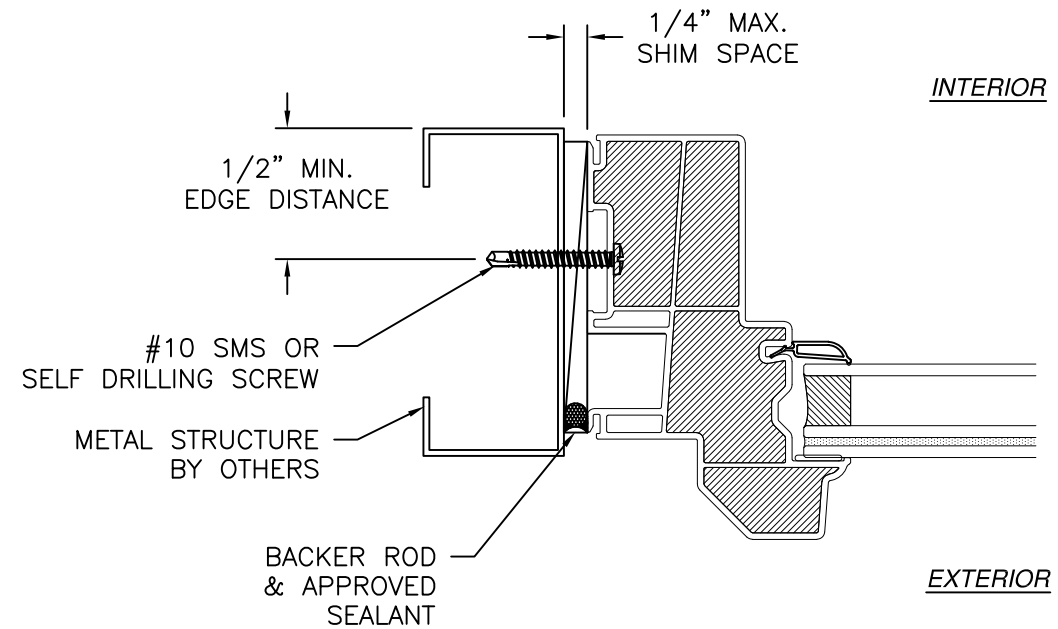
Luis R. Lomas
Professional Engineer
State of Florida
No. 62514

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FL No.: 62514

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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

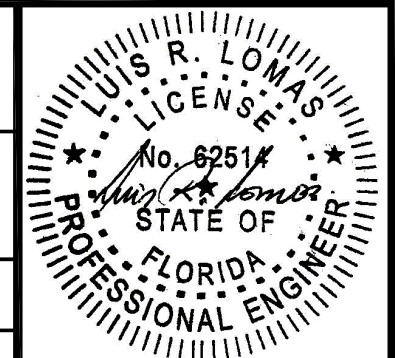


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

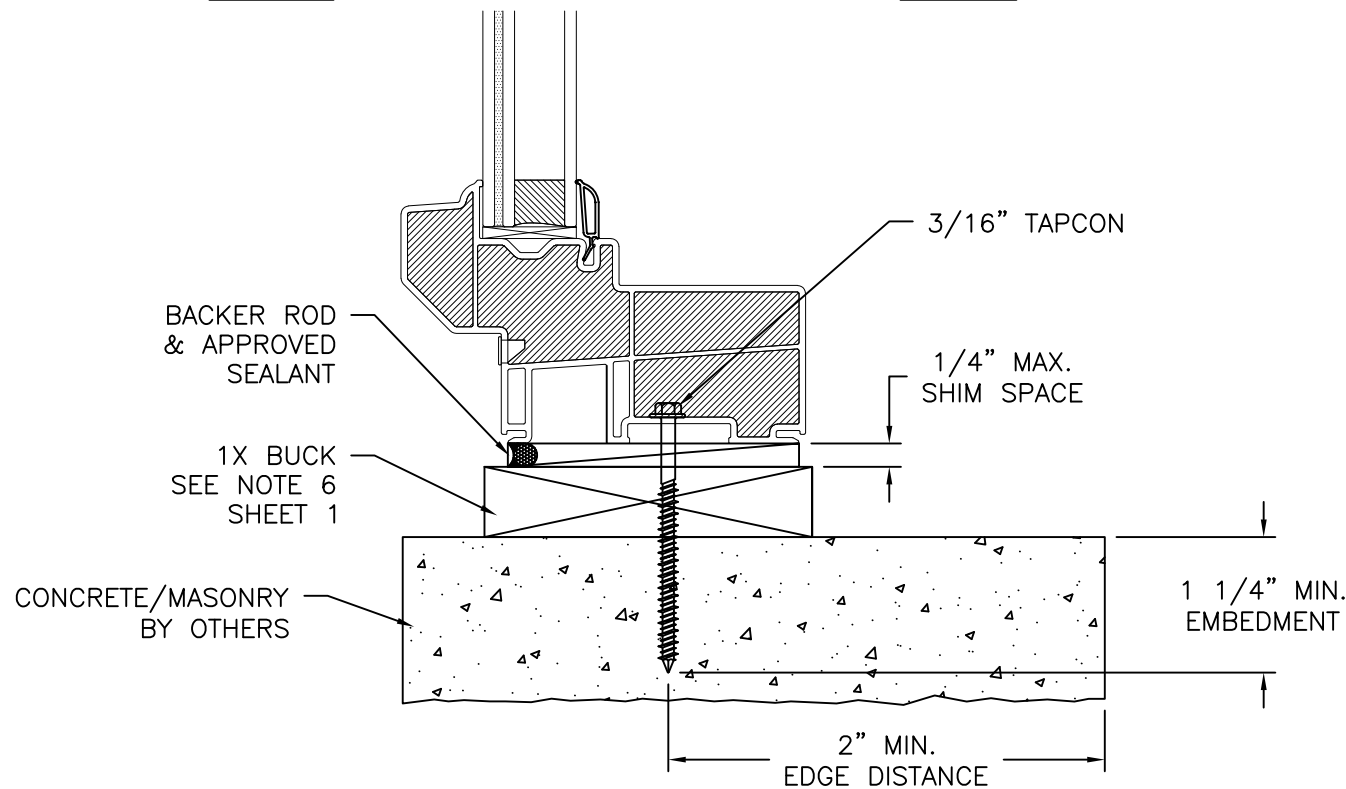
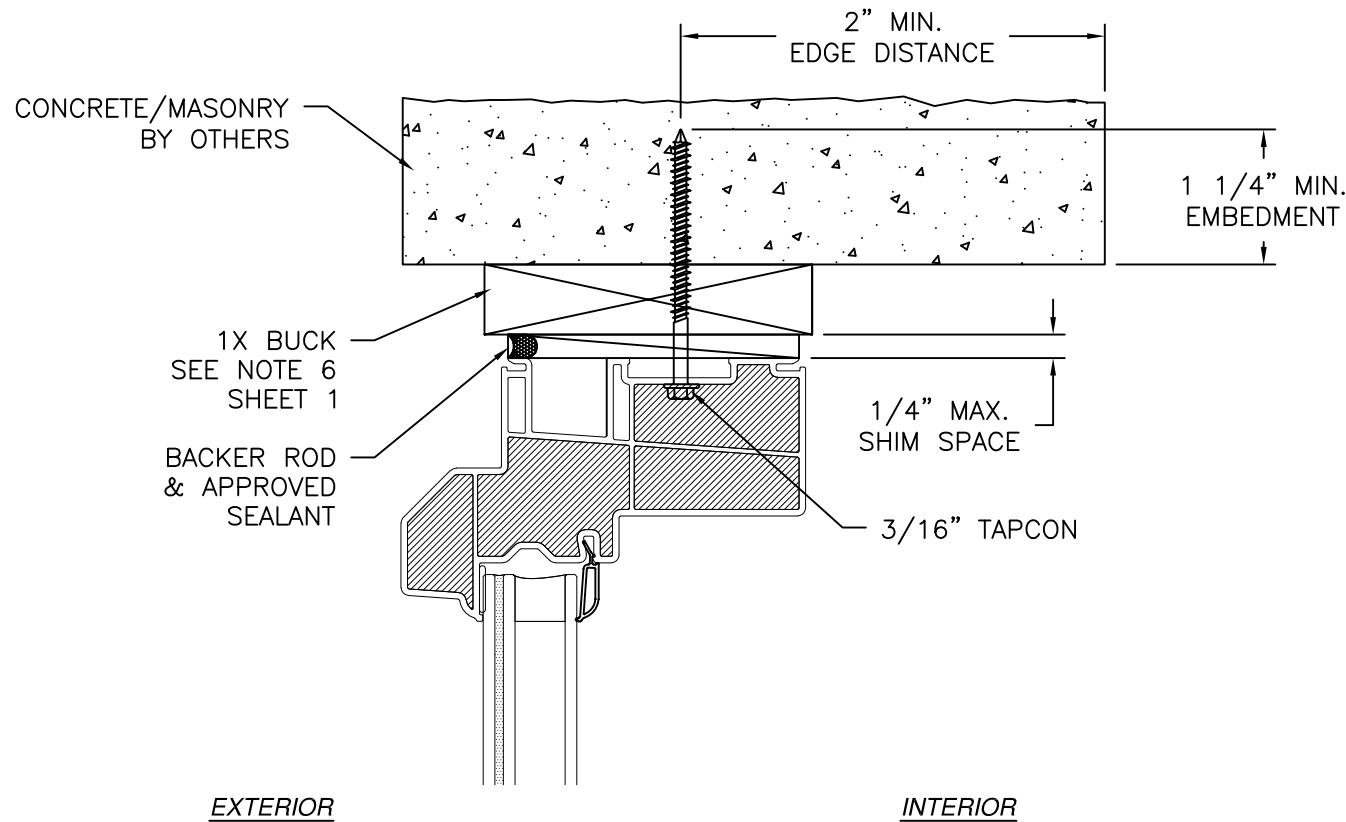
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650 PW PICTURE WINDOW IMPACT FINLESS INSTALLATION DETAILS		
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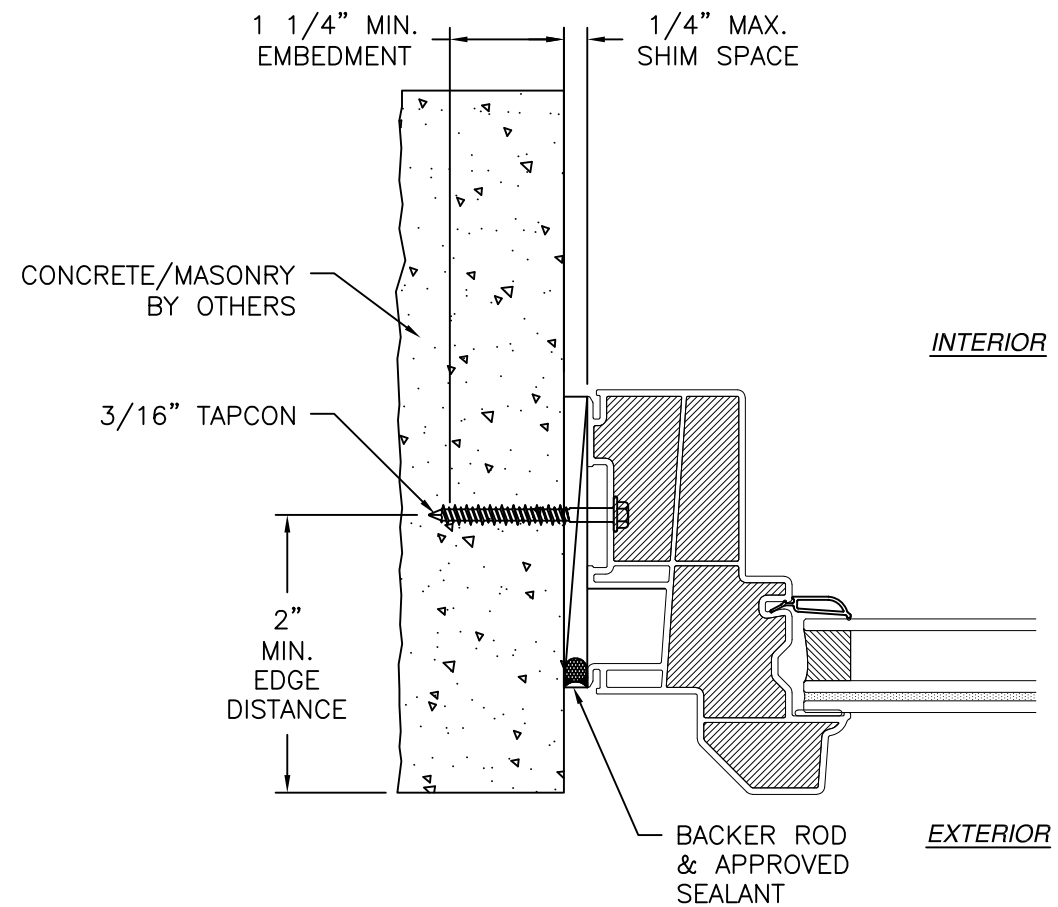
Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION

CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL

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JAMB INSTALLATION DETAIL

CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

NOTES:

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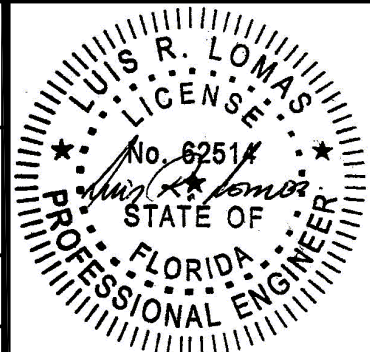
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WILKES-BARRE, PA 18706

650 PW PICTURE WINDOW
IMPACT

FINLESS INSTALLATION DETAILS

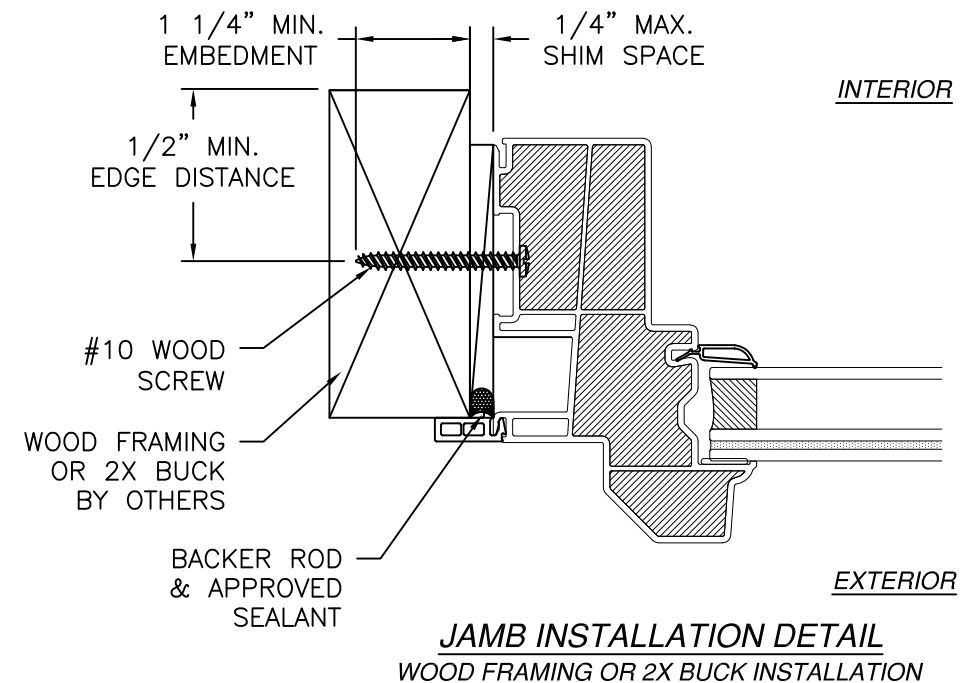
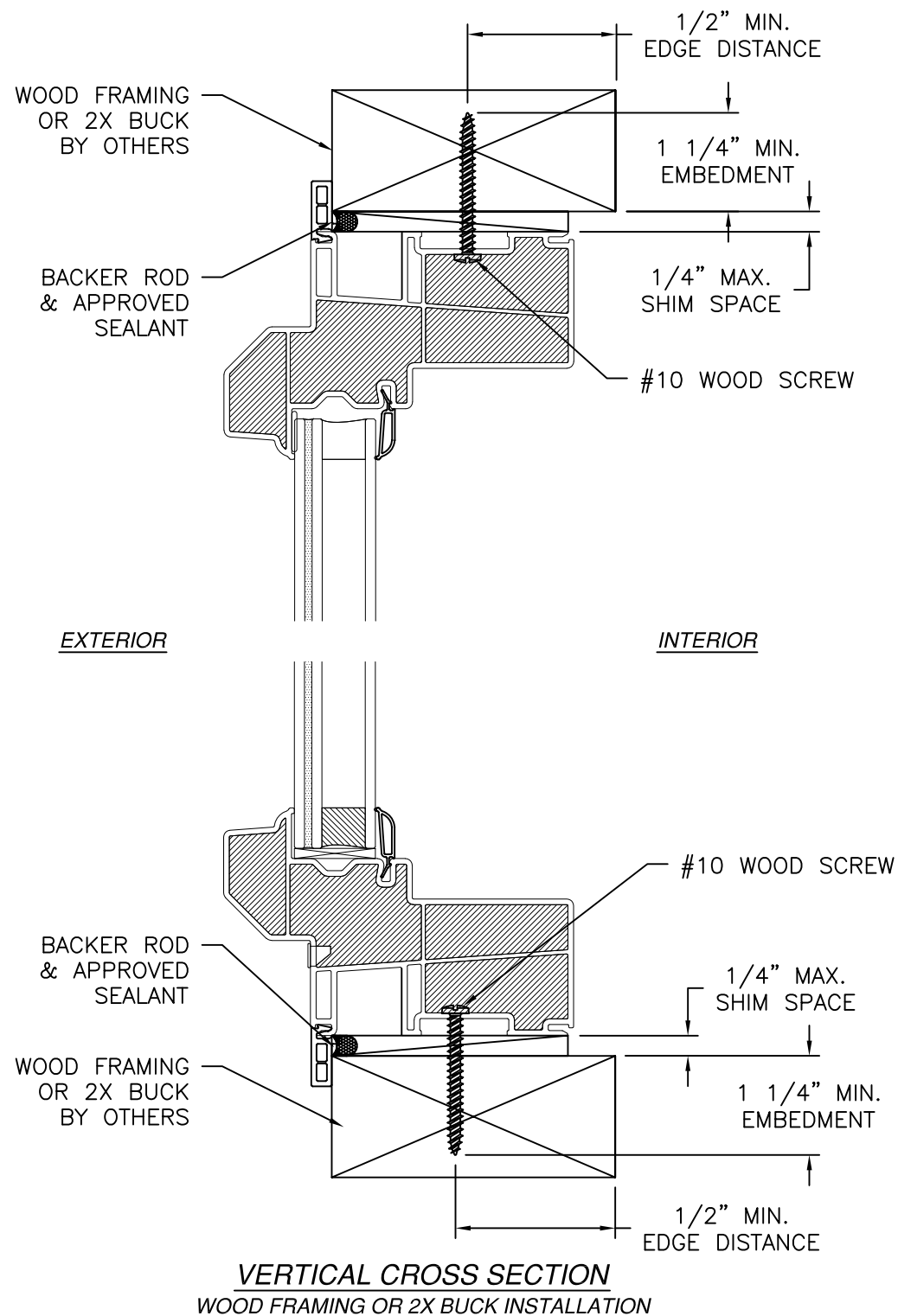
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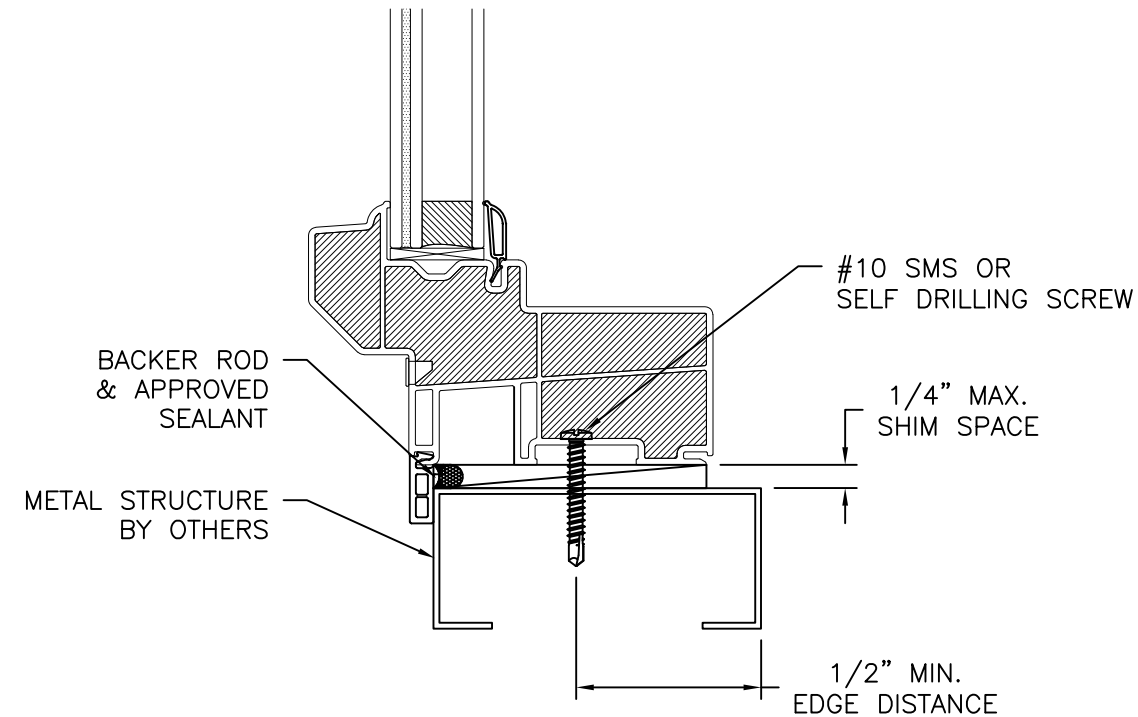
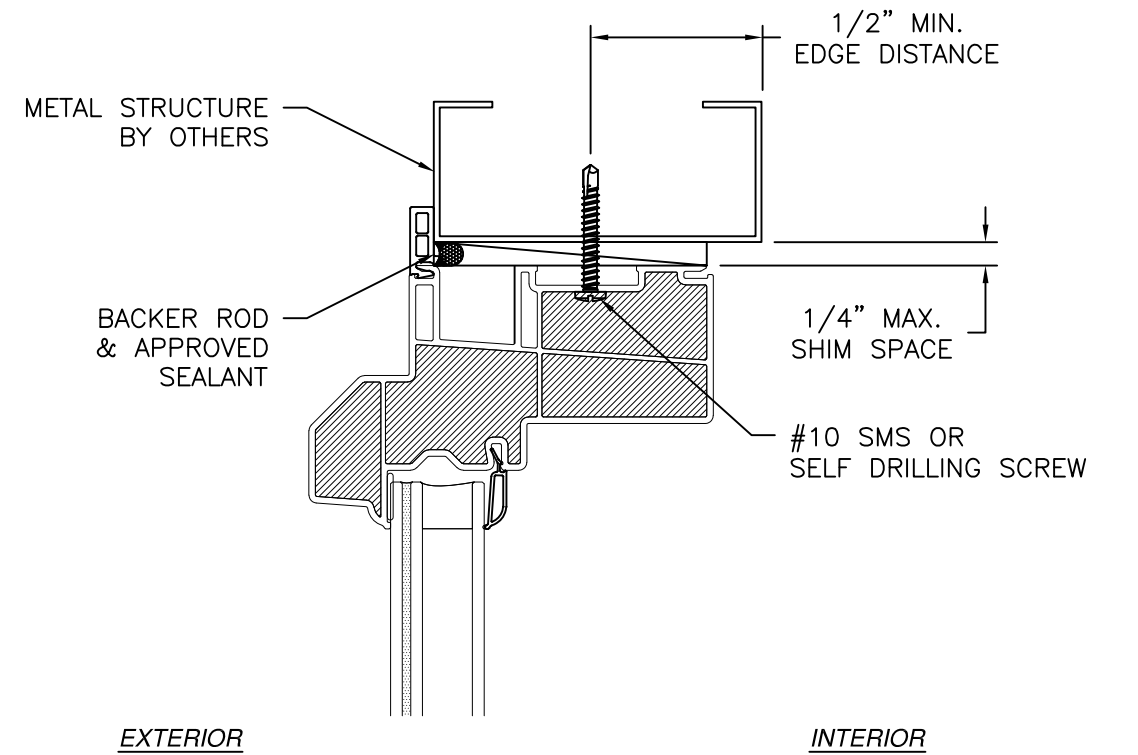
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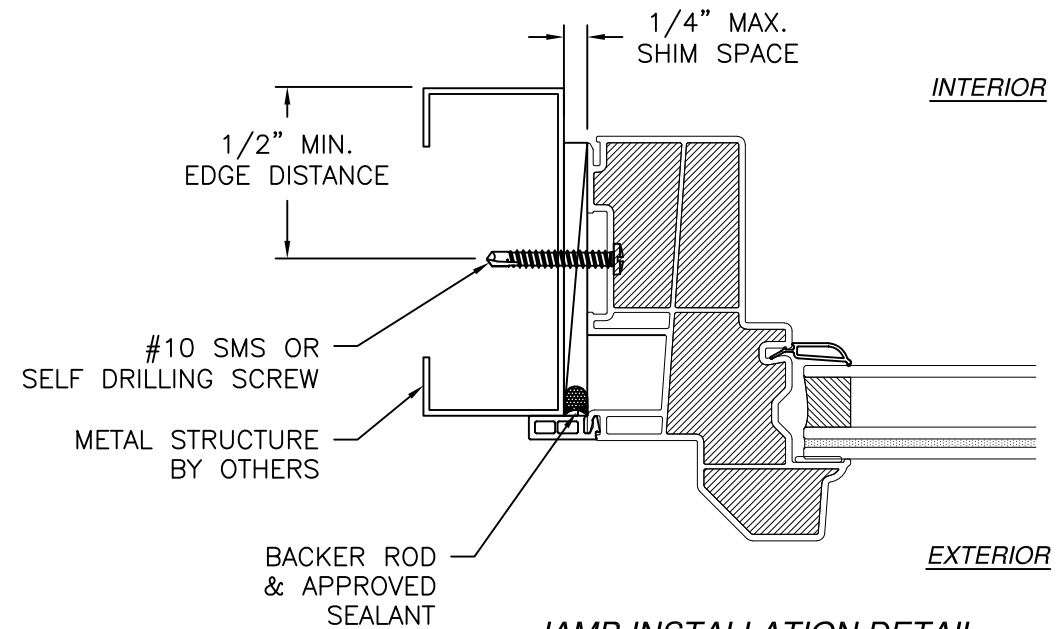
SLOCOMB WINDOWS AND DOORS, INC. 767 SANS SOUCI PARKWAY WILKES-BARRE, PA 18706		
650 PW PICTURE WINDOW IMPACT FLANGE INSTALLATION DETAILS		
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

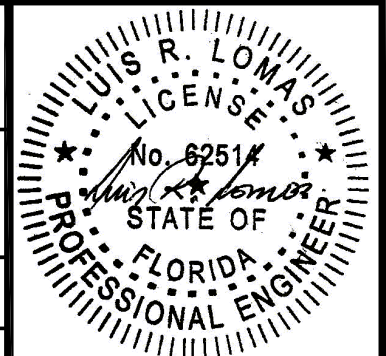


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

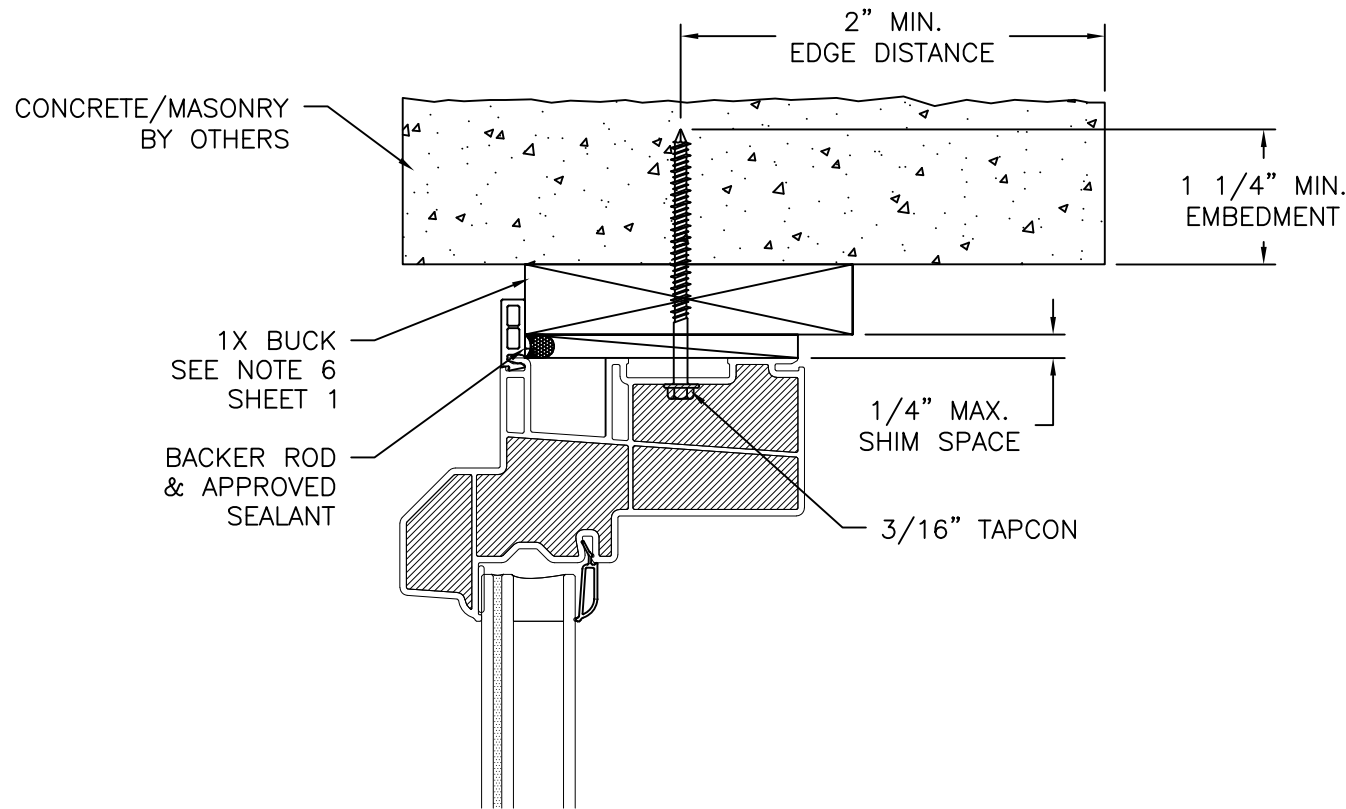
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650 PW PICTURE WINDOW IMPACT FLANGE INSTALLATION DETAILS		
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

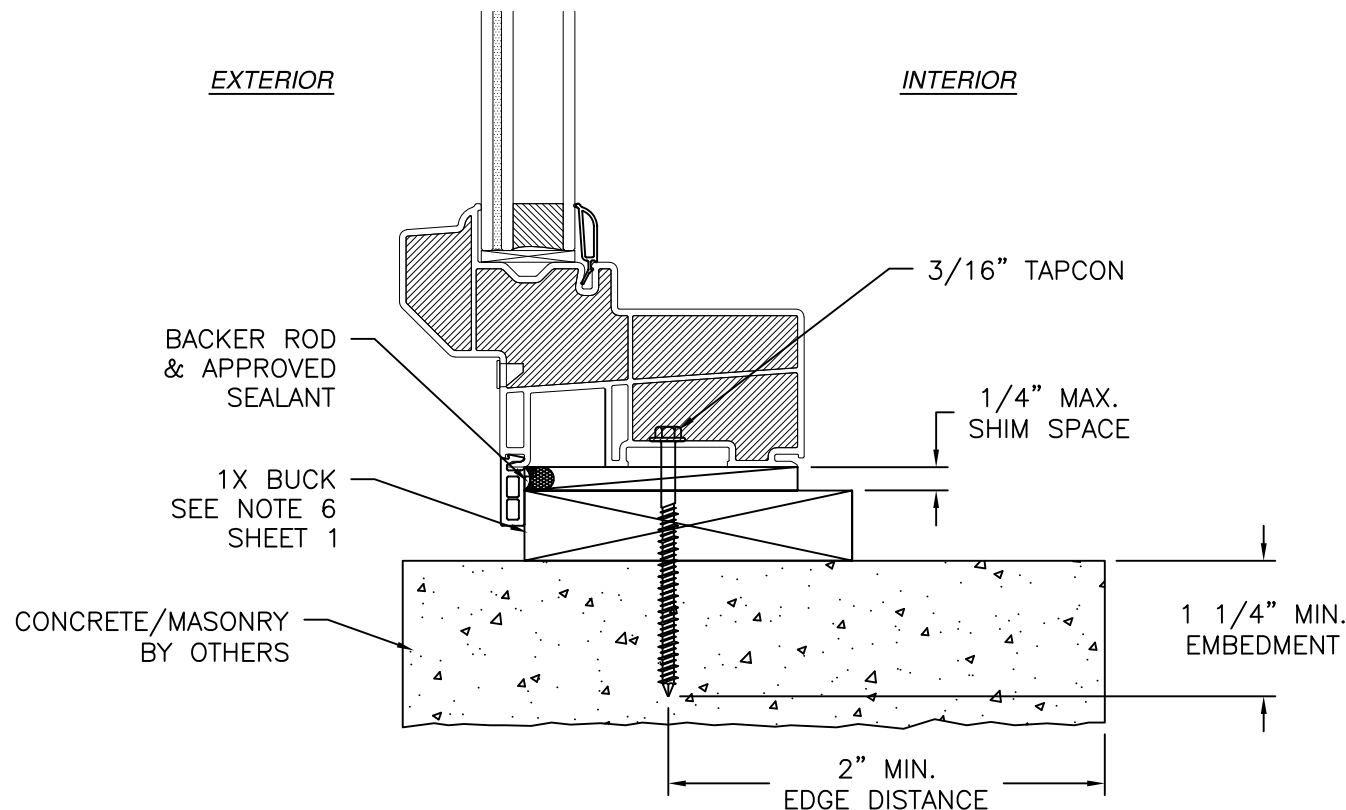


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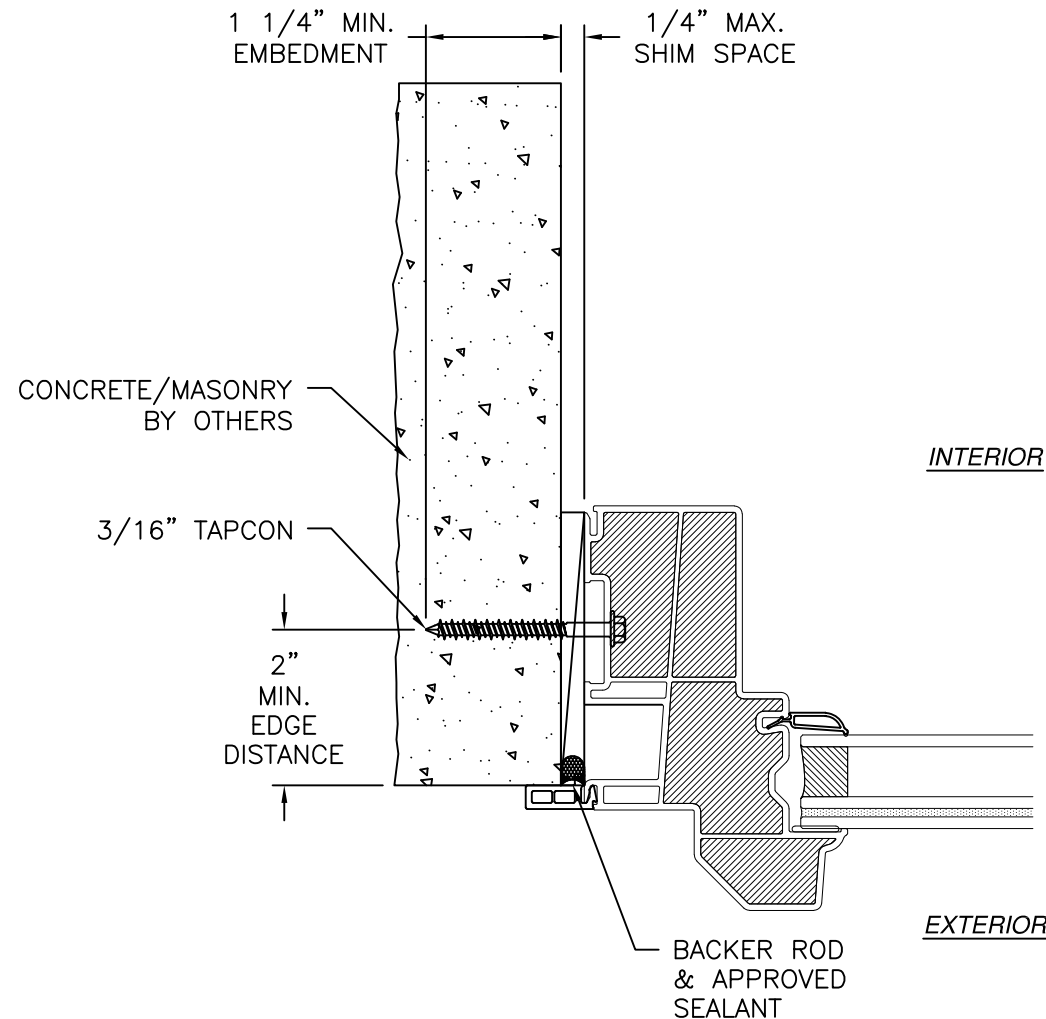
EXTERIOR

INTERIOR



VERTICAL CROSS SECTION

CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL

CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

650 PW PICTURE WINDOW
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FLANGE INSTALLATION DETAILS

DRAWN:
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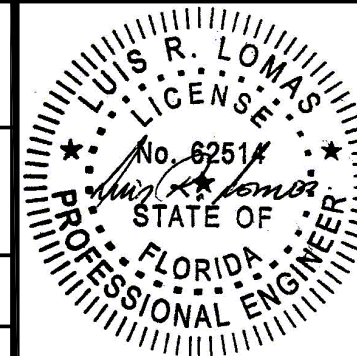
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SCALE NTS

DATE 01/24/2024

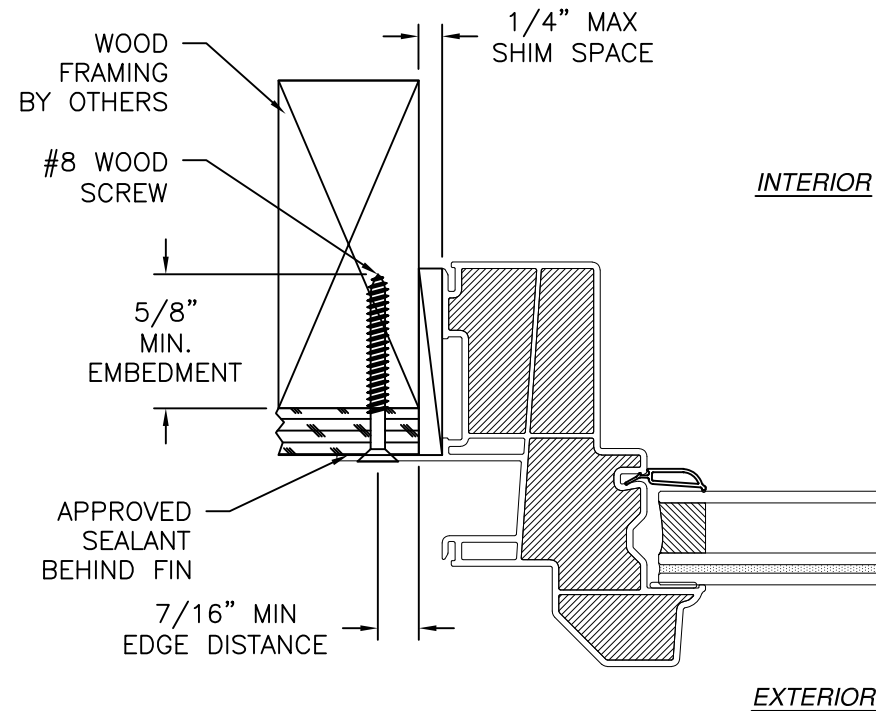
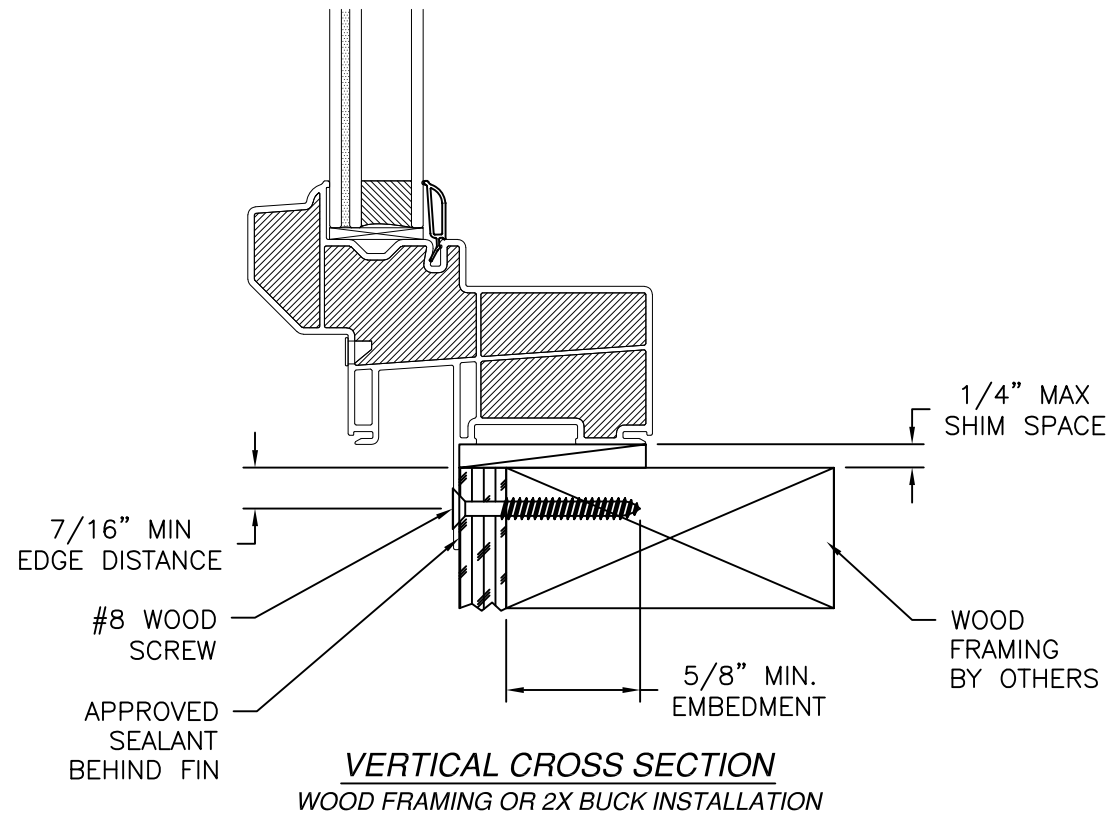
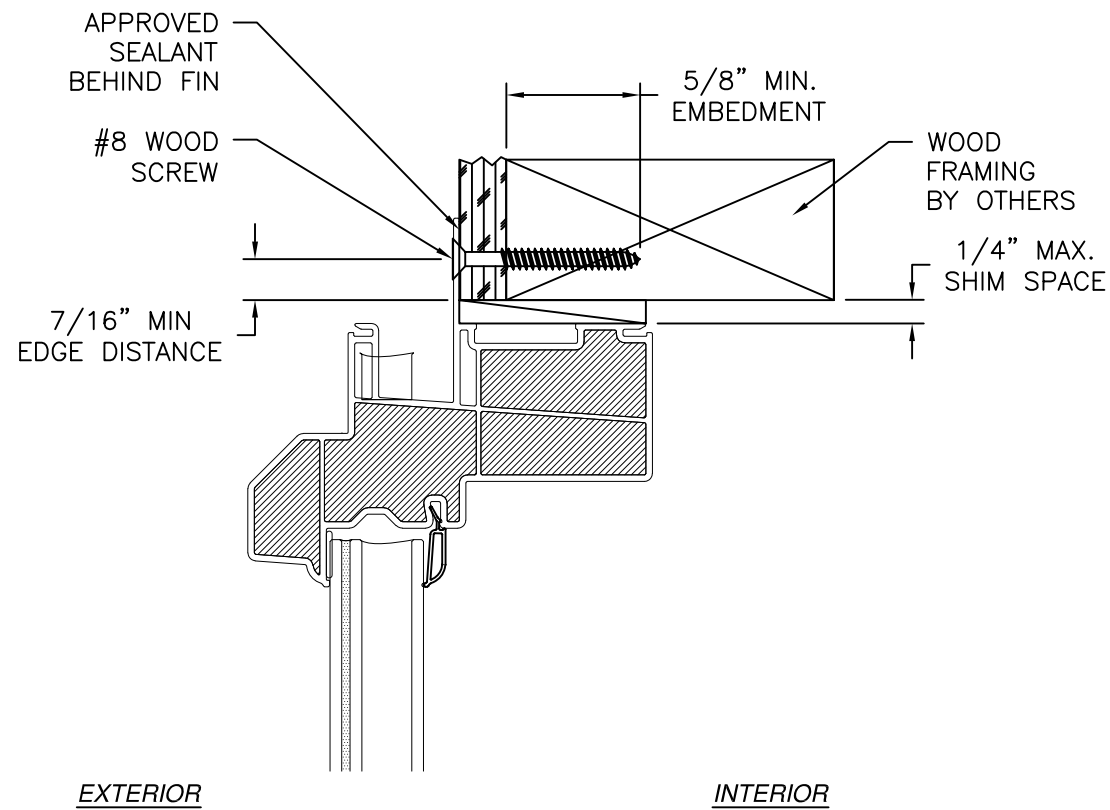
SHEET 8 OF 11

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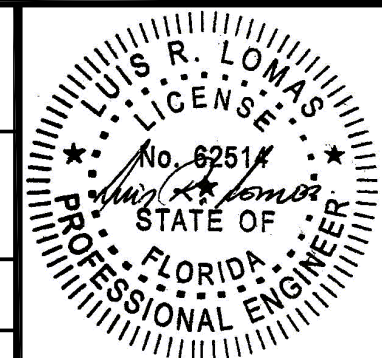


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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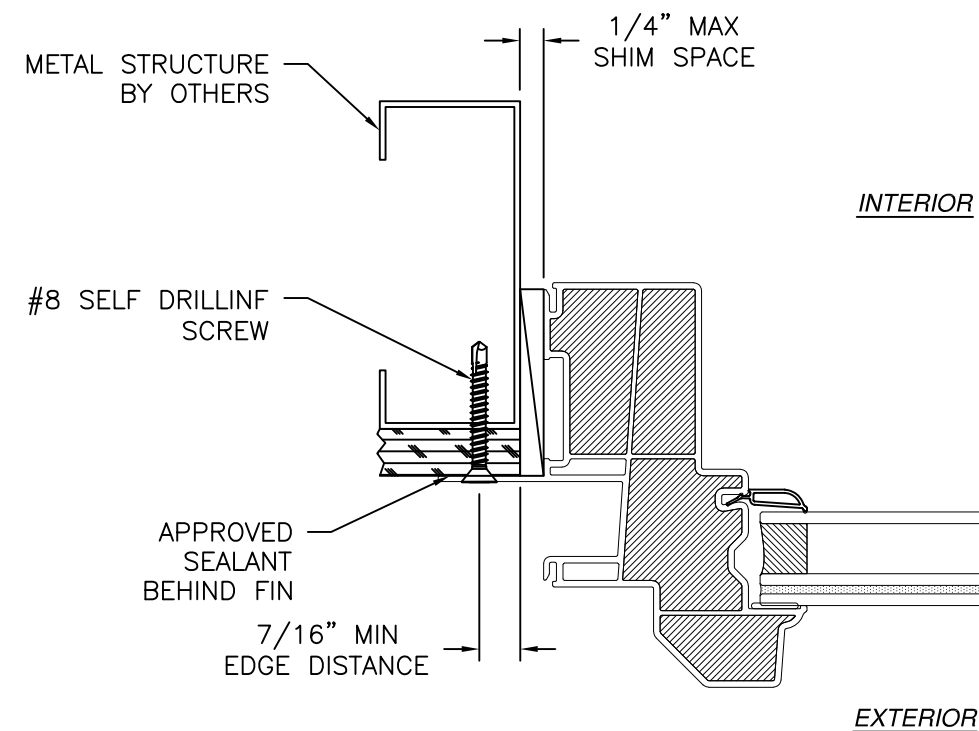
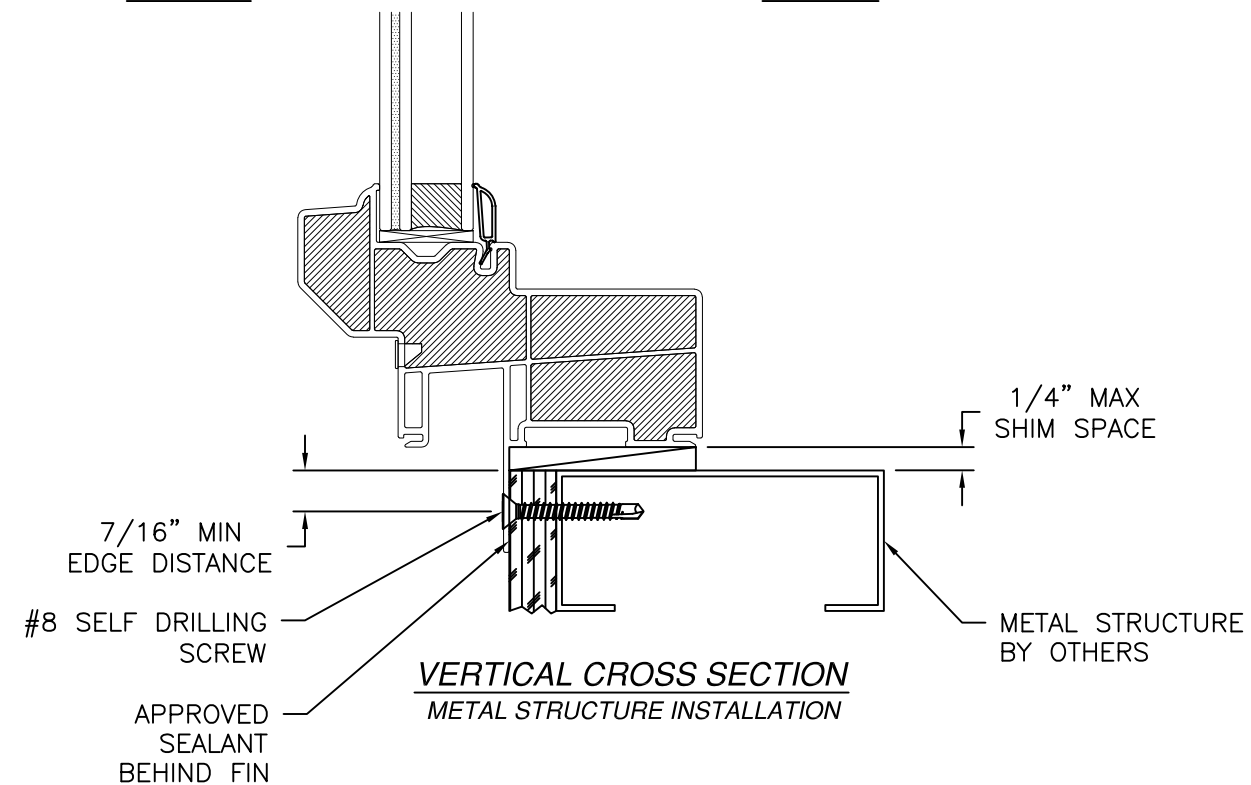
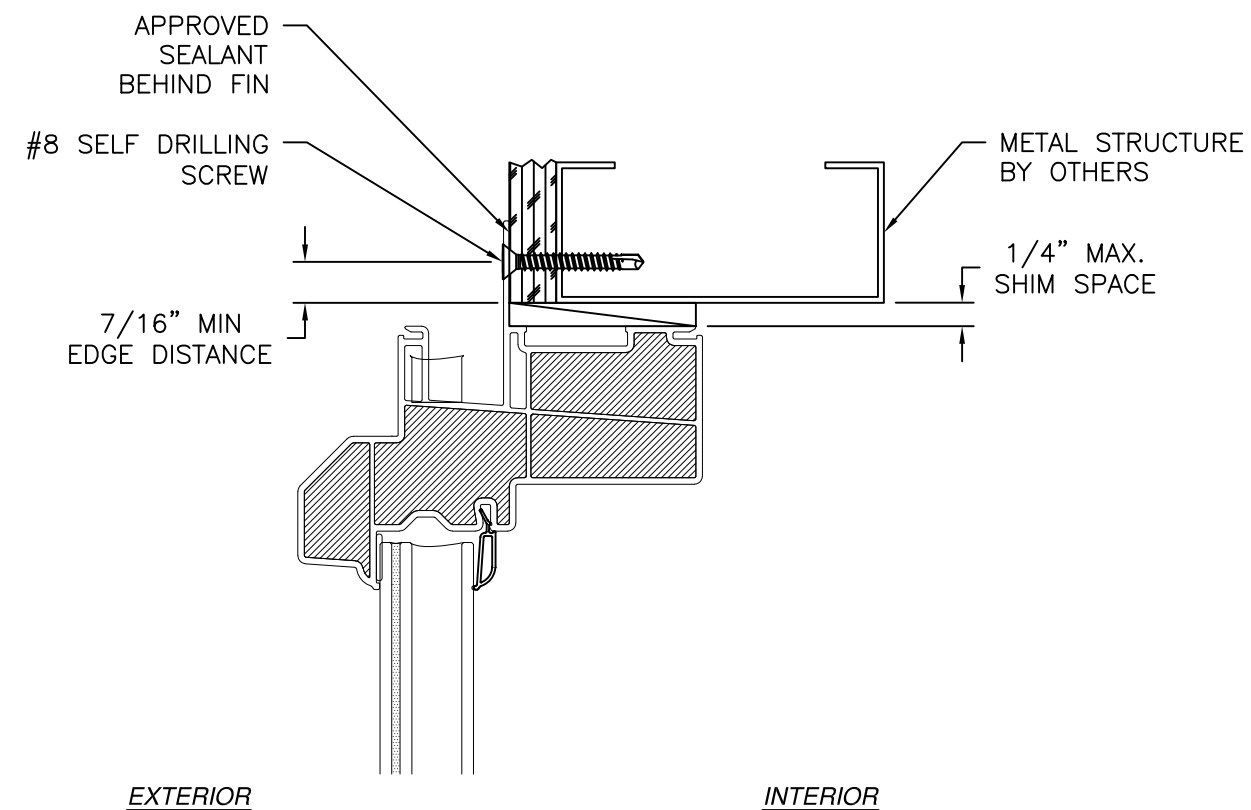
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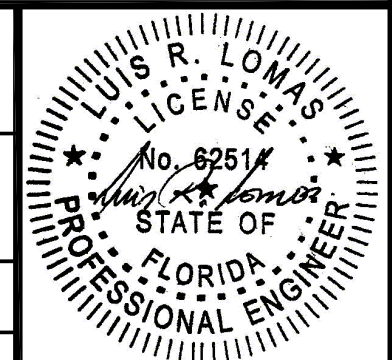


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- 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

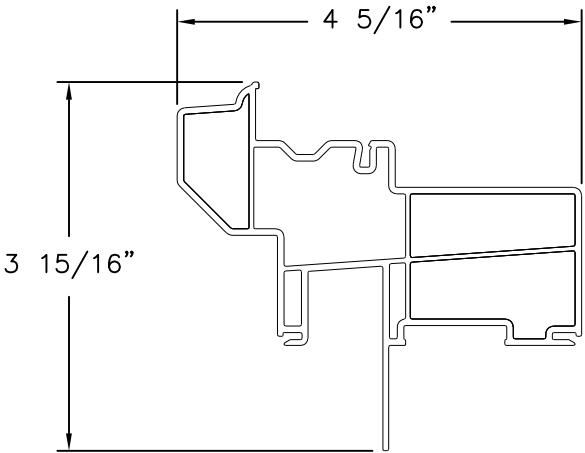
SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC. 767 SANS SOUCI PARKWAY WILKES-BARRE, PA 18706		
650 PW PICTURE WINDOW IMPACT FIN INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03999	REV -
SCALE NTS	DATE 01/24/2024	SHEET 10 OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

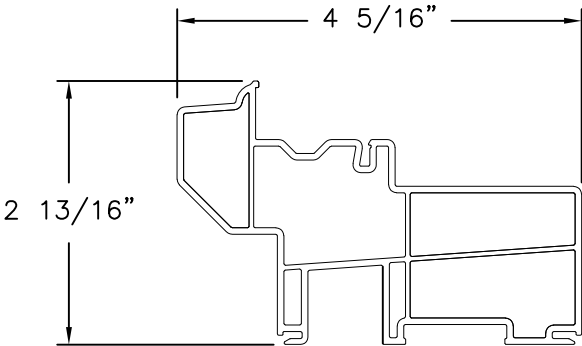


Luis R. Lomas P.E.
FL No.: 62514

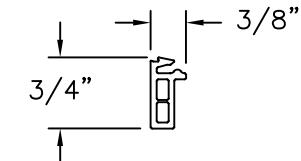
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



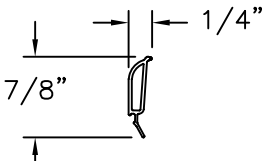
HEAD FRAME
FIN INSTALLATION (10005454)
 EXTRUDED PVC



HEAD FRAME
FINLESS INSTALLATION (10005454)
 EXTRUDED PVC



FLANGE (10004714)
 EXTRUDED PVC



GLAZING BEAD (10005464)
 EXTRUDED PVC

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC. 767 SANS SOUCI PARKWAY WILKES-BARRE, PA 18706			
650 PW PICTURE WINDOW IMPACT COMPONENTS			
DRAWN: A.R.	DWG NO. 08-03999	REV -	
SCALE NTS	DATE 01/24/2024	SHEET 11 OF 11	
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			