

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 3 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN 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 FIN INTO WOOD FRAMING OR 2X BUCK USE ROOFING NAILS (.105” Ø MINIMUM) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME OR STRAP 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.
17. FOR ANCHORING THROUGH FRAME OR STRAP 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.
18. FOR ANCHORING THROUGH FRAME OR STRAP 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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: GROUT/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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SHWINCO ARCHITECTURAL PRODUCTS, LLC.
171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9800 VINYL FIXED SIDELITE
IMPACT–HVHZ
NOTES

DRAWN:
A.R.

DWG NO.
08–03691

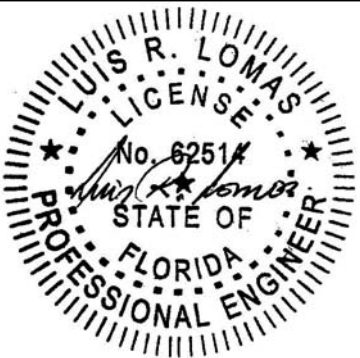
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SCALE NTS

DATE 02/22/21

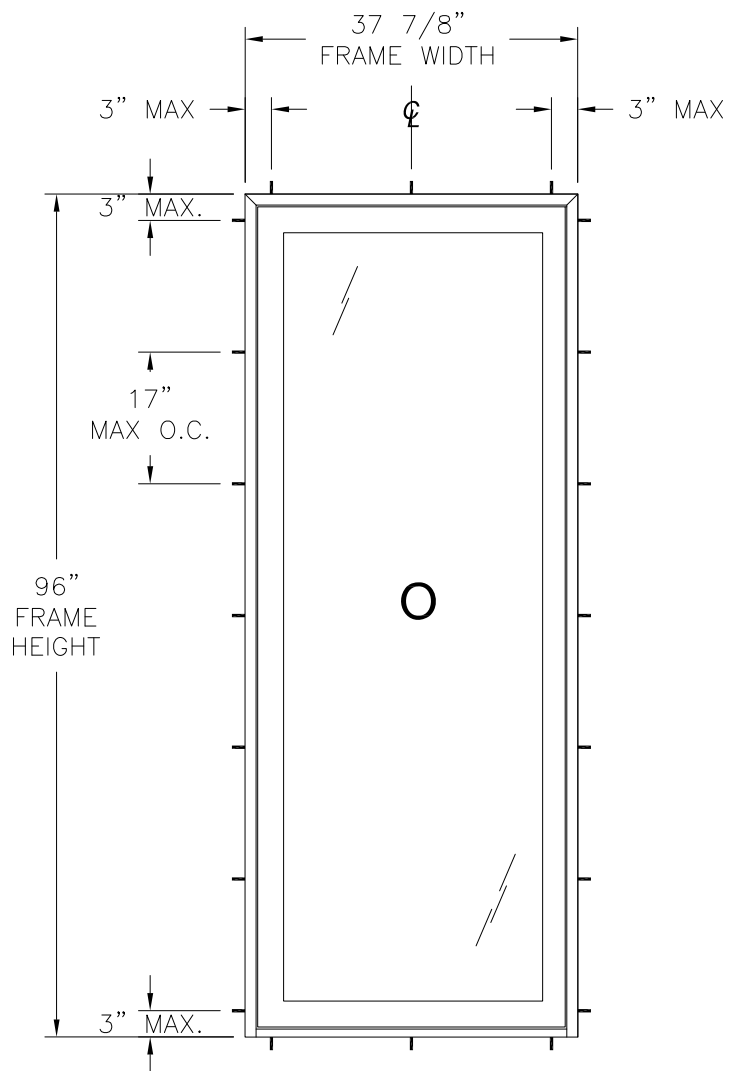
SHEET 1 OF 12

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

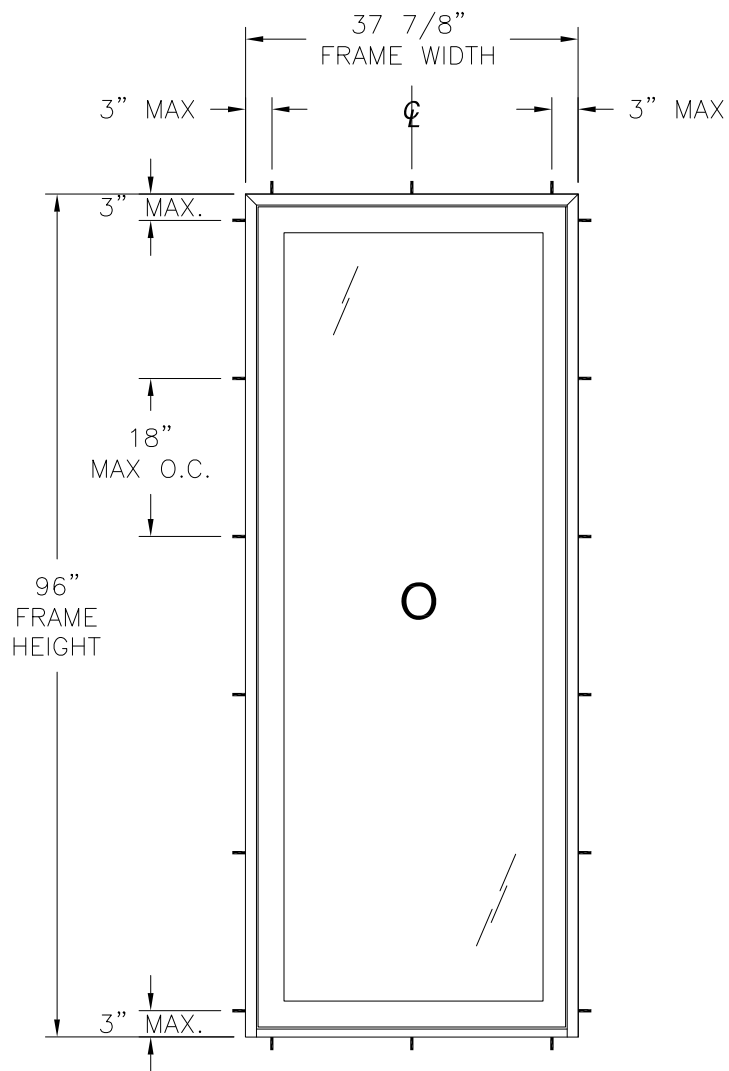


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FL No.: 62514

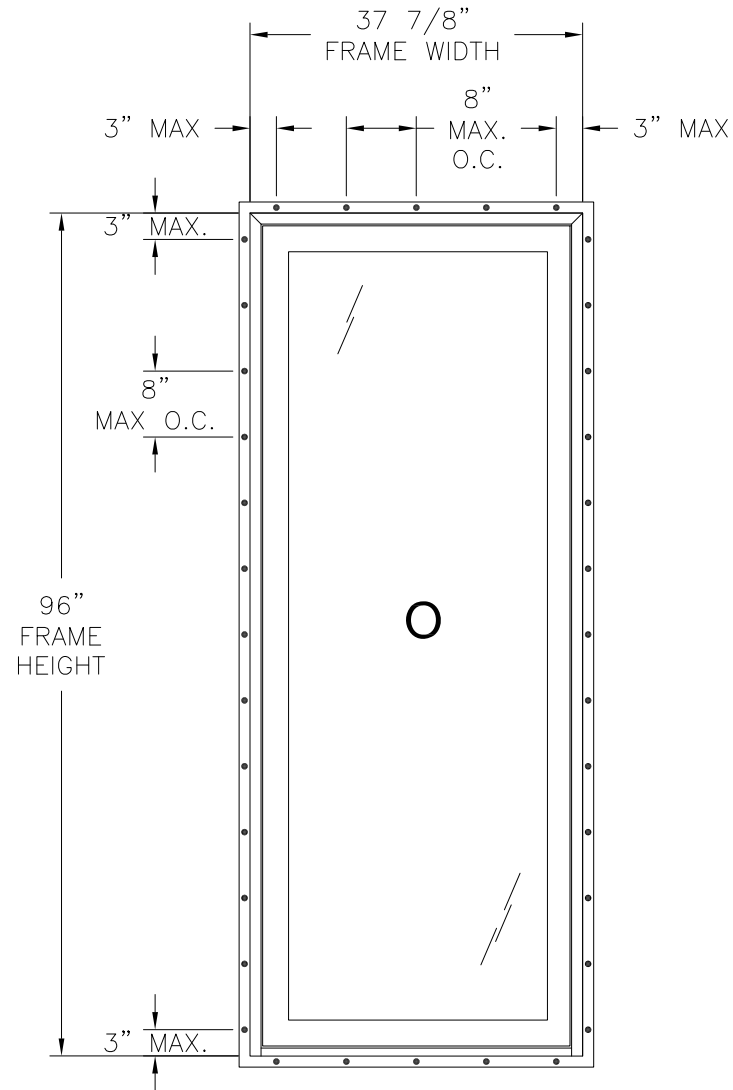
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SERIES 9800 VINYL FIXED SIDELITE
EXTERIOR VIEW
FRAME INSTALLATION



SERIES 9800 VINYL FIXED SIDELITE
EXTERIOR VIEW
STEEL STRAP INSTALLATION



SERIES 9800 VINYL FIXED SIDELITE
FIN INSTALLATION

WITH GLAZING B

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

37 7/8" X 96" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 25.25 FT²

NOTES:

- PANEL SIZE: 35 3/4" X 73 9/16"
- D.L.O. SIZE: 26 3/8" X 84 1/16"

HARDWARE SCHEDULE

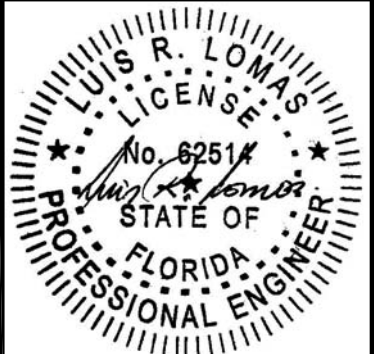
A.	ALUMINUM REINFORCEMENT BAR (T-51344) AT PANEL TOP, BOTTOM AND STILES
B.	ALUMINUM CORNER KEY REINFORCEMENT (T-12095) AT TOP AND BOTTOM CORNERS, 4 PER PANEL
C.	ALUMINUM REINFORCEMENT BAR (T-12444) AT FRAME HEAD, SILL AND JAMBS

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SHWINCO ARCHITECTURAL PRODUCTS, LLC.
171 JET SERVICES WAY
DOTHAN, AL 36303
SERIES 9800 VINYL FIXED SIDELITE
IMPACT-HVHZ
ELEVATIONS

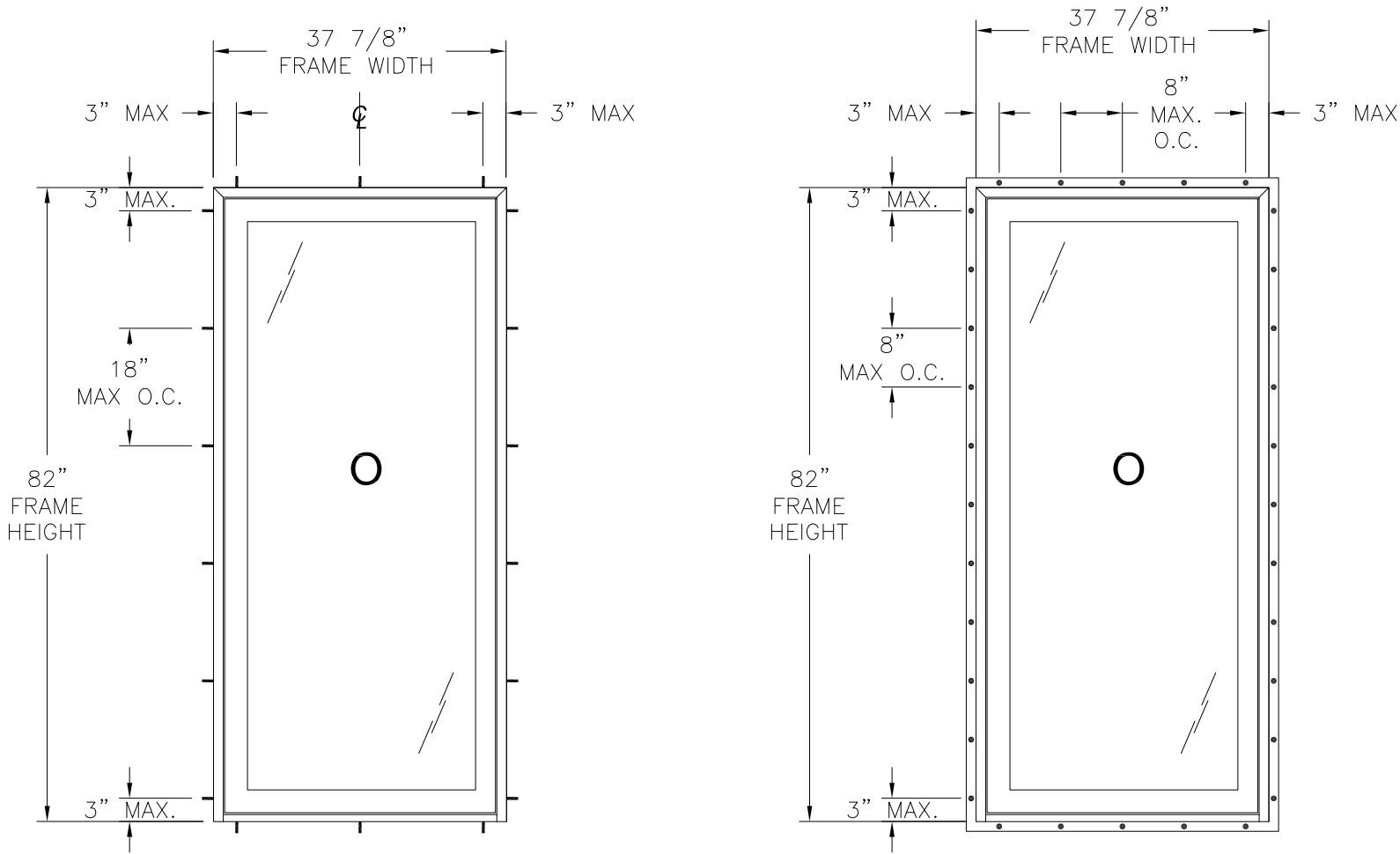
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SCALE NTS	DATE 02/22/21	SHEET 2 OF 12

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SERIES 9800 VINYL FIXED SIDELITE
 EXTERIOR VIEW
 FRAME AND STEEL STRAP INSTALLATION

SERIES 9800 VINYL FIXED SIDELITE
 FIN INSTALLATION

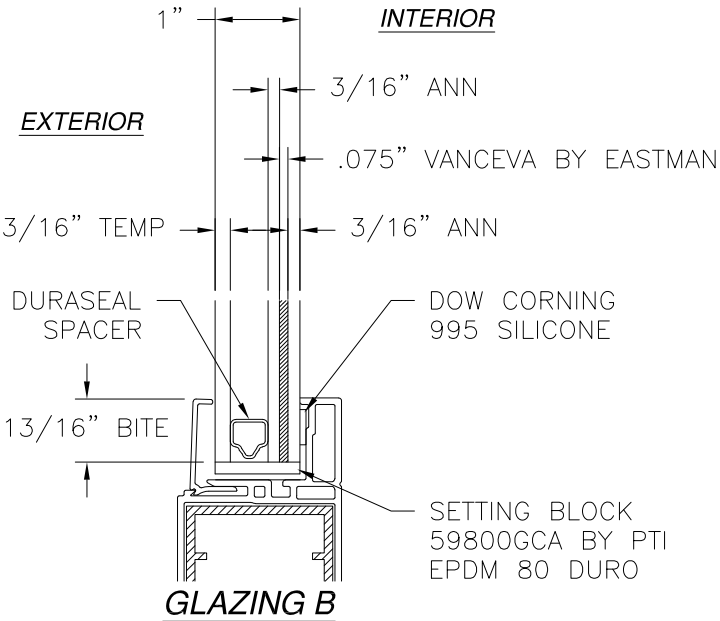
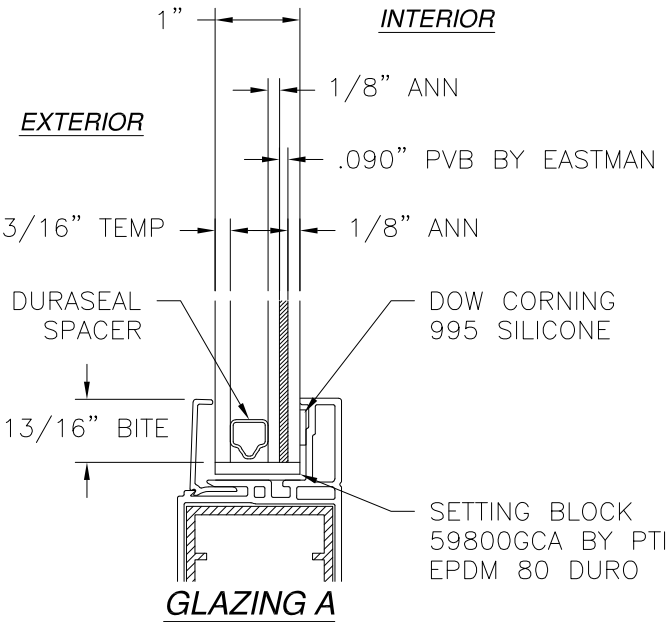
WITH GLAZING A

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

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
 37 7/8" X 82" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
 FRAME AREA DOES NOT EXCEED 21.56 FT²

- NOTES:
- PANEL SIZE: 35 3/4" X 79 9/16"
 - D.L.O. SIZE: 26 3/8" X 70 1/16"

HARDWARE SCHEDULE	
A.	ALUMINUM REINFORCEMENT BAR (T-51344) AT PANEL TOP, BOTTOM AND STILES
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 IMPACT-HVHZ
 ELEVATIONS

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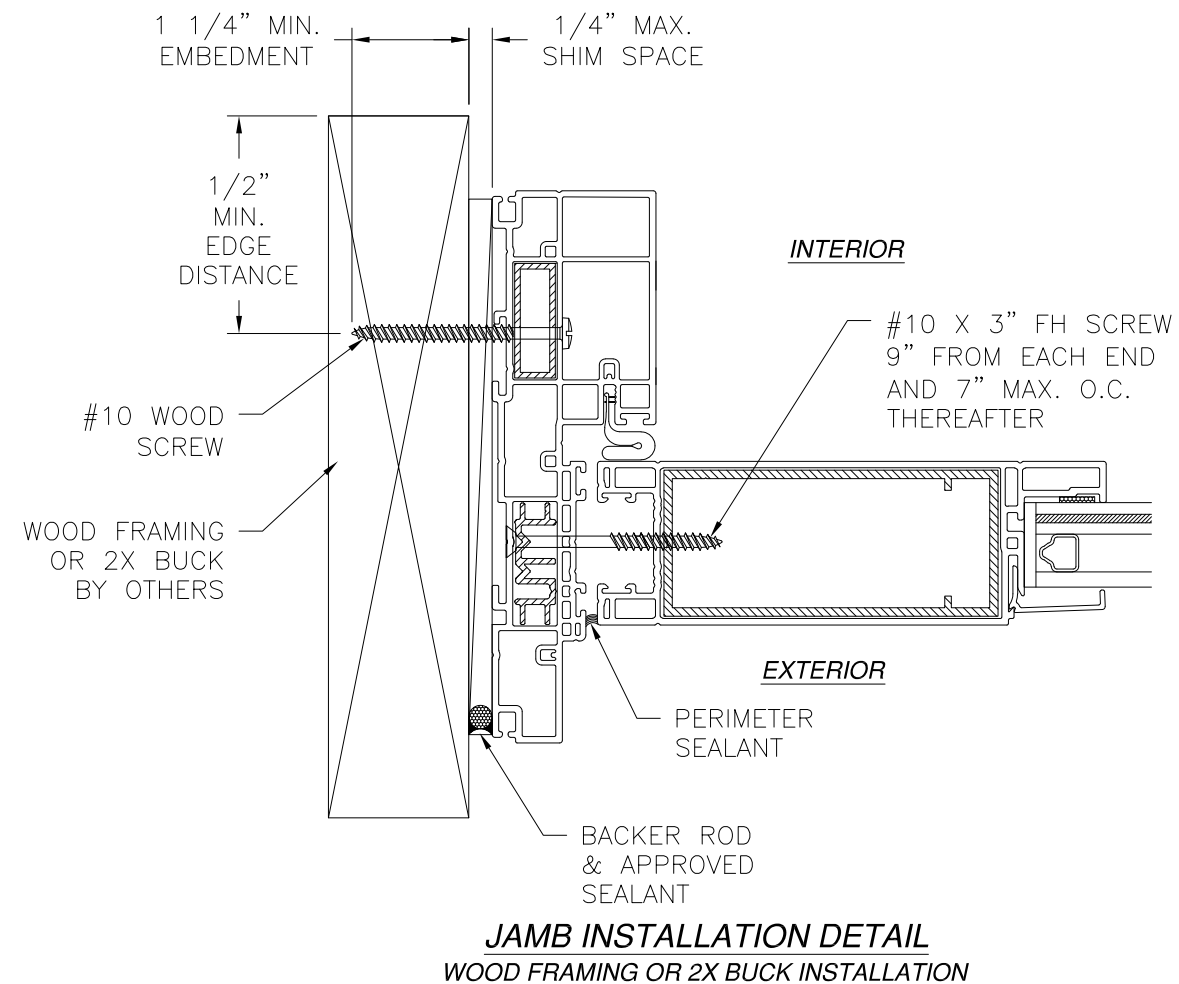
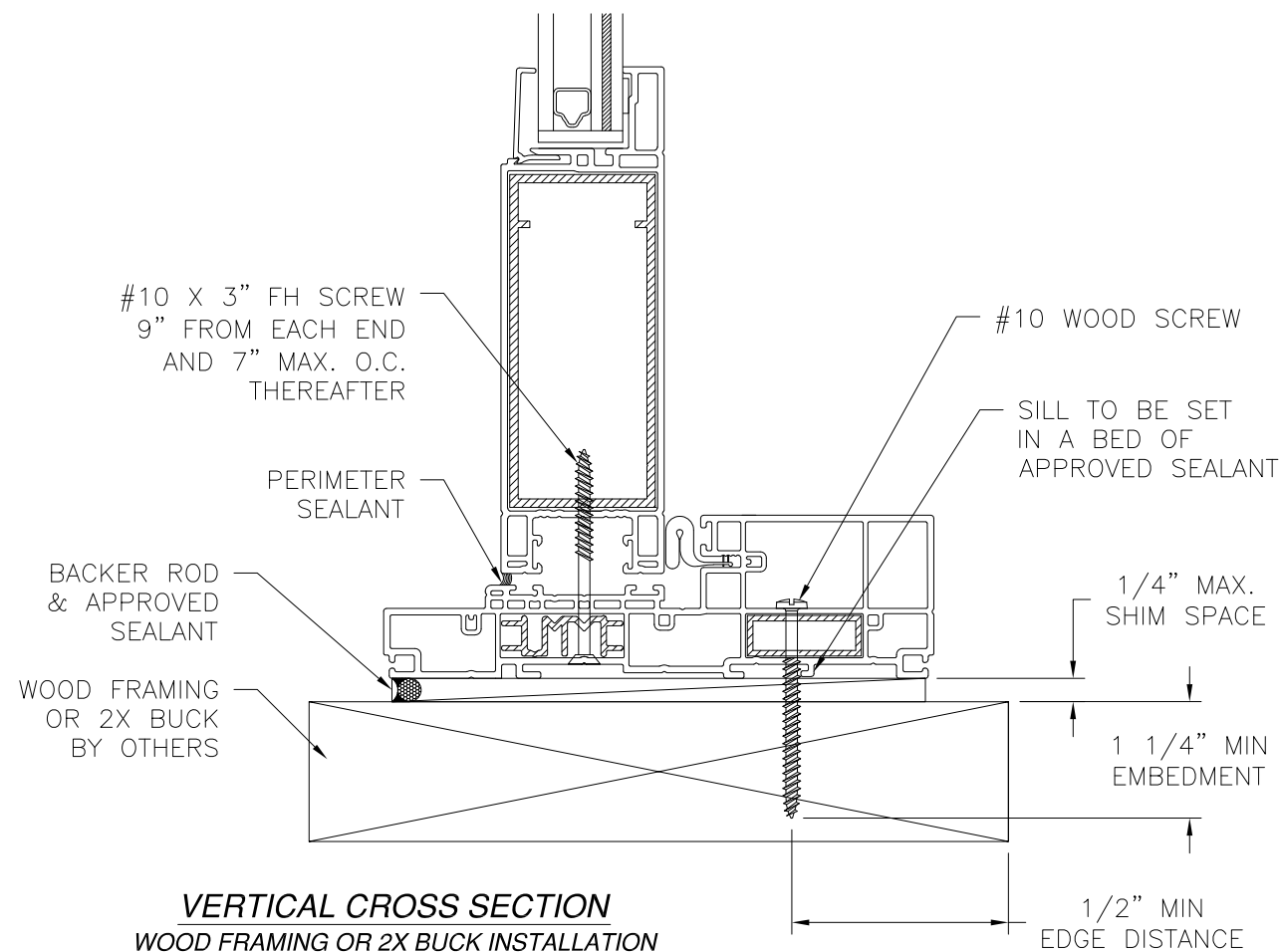
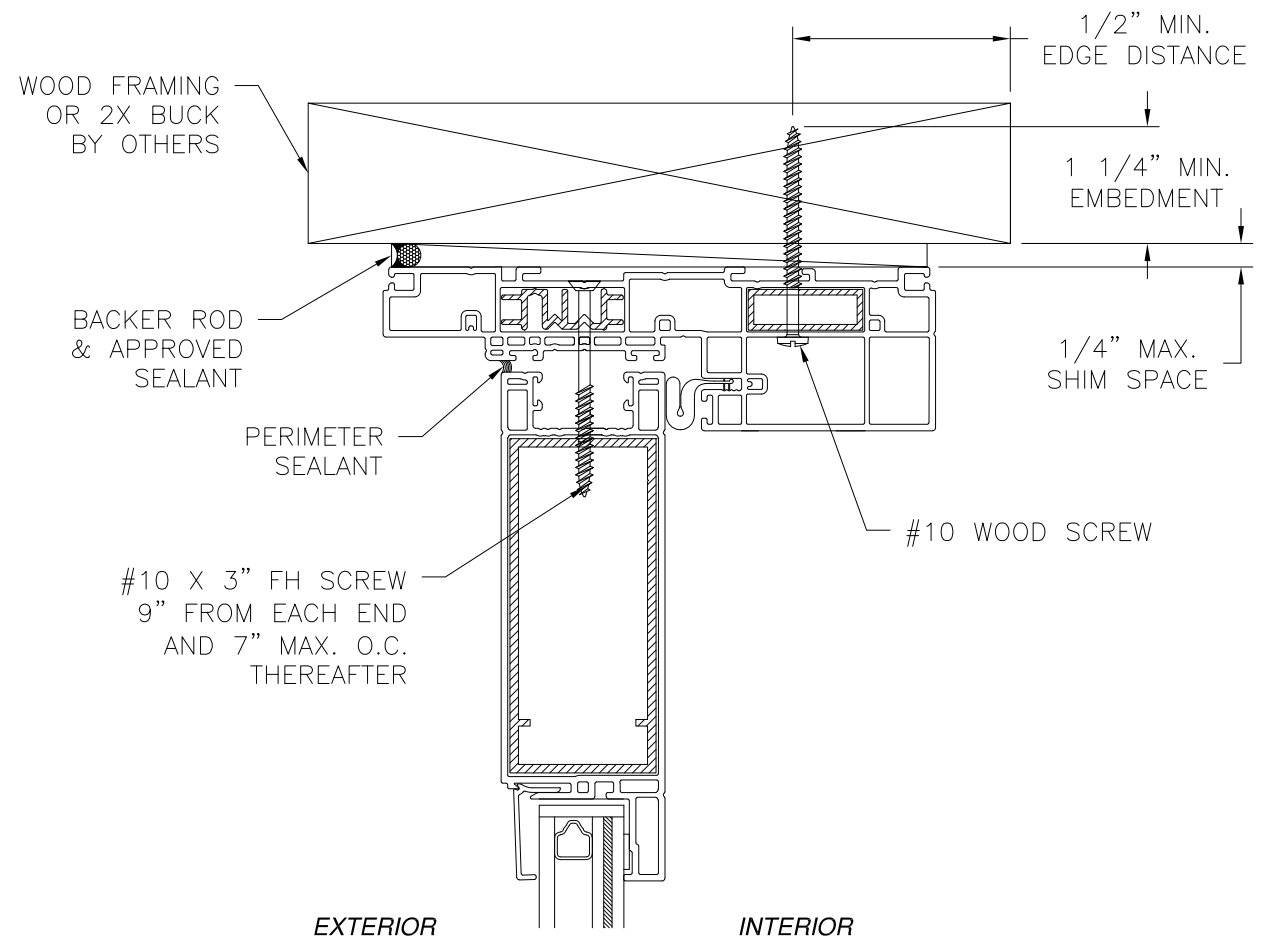
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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH FBC RESIDENTIAL AND BUILDING AND WITH FMA/AAMA/WDMA PROTOCOLS

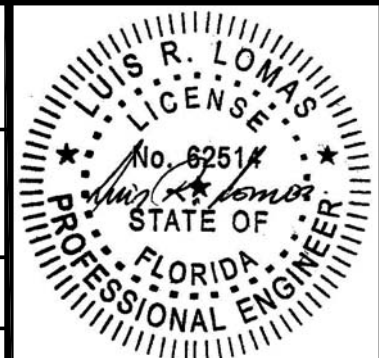
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IMPACT-HVHZ
INSTALLATION DETAILS

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SCALE NTS	DATE 02/22/21	SHEET 4 OF 12

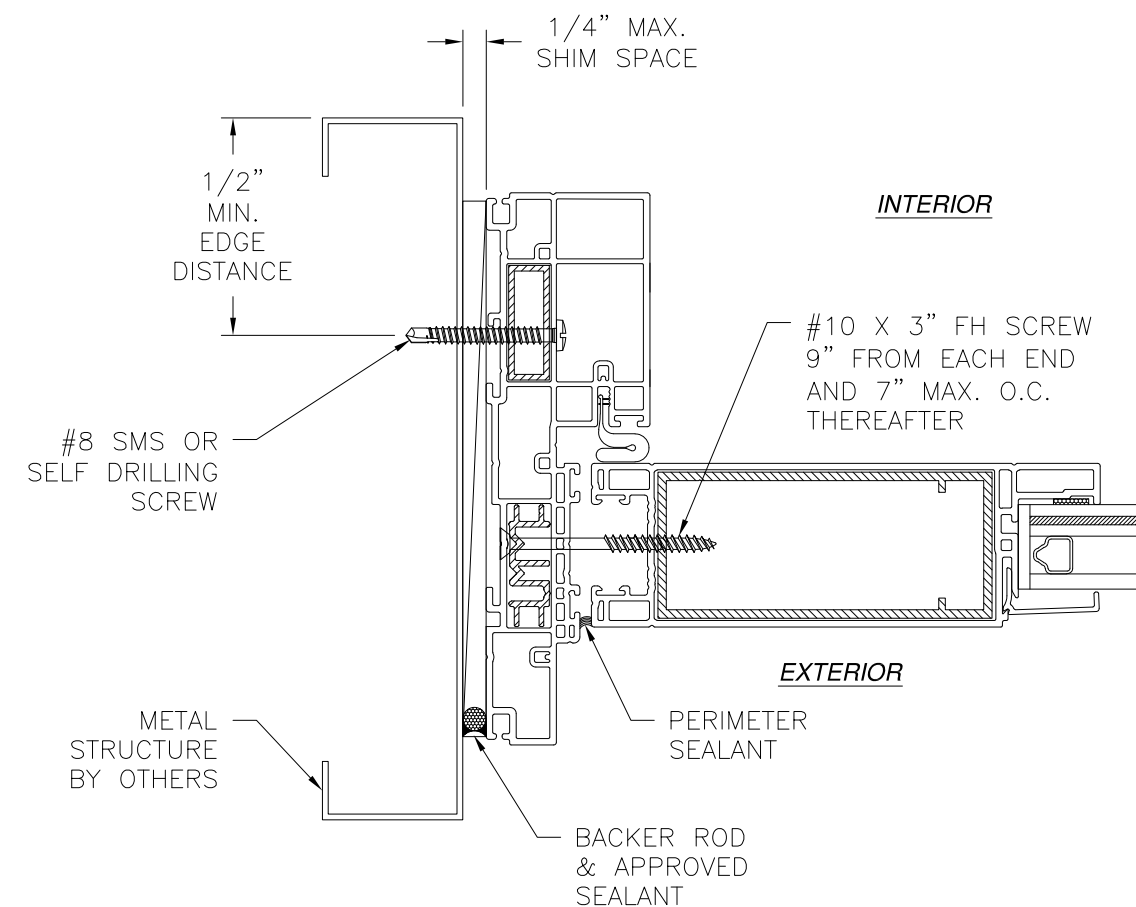
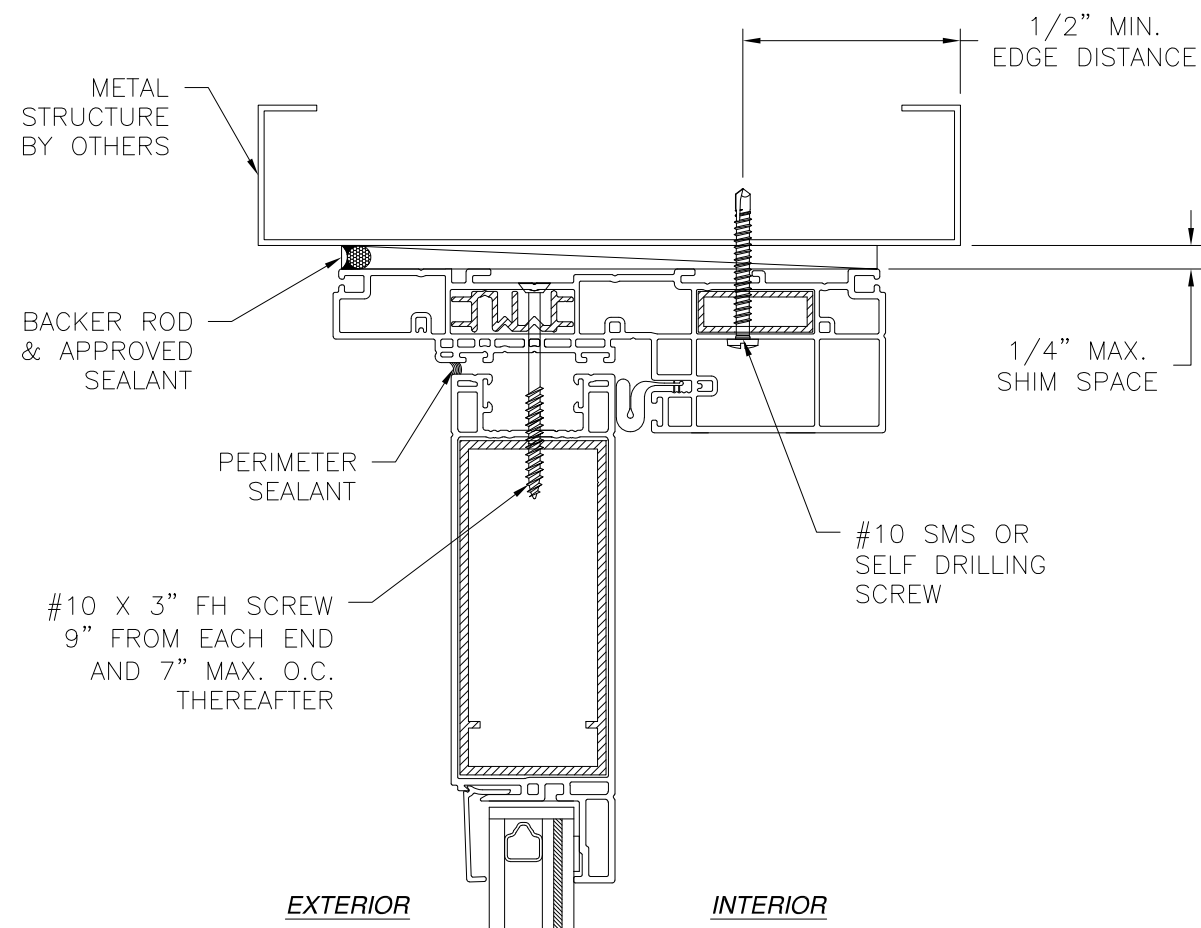
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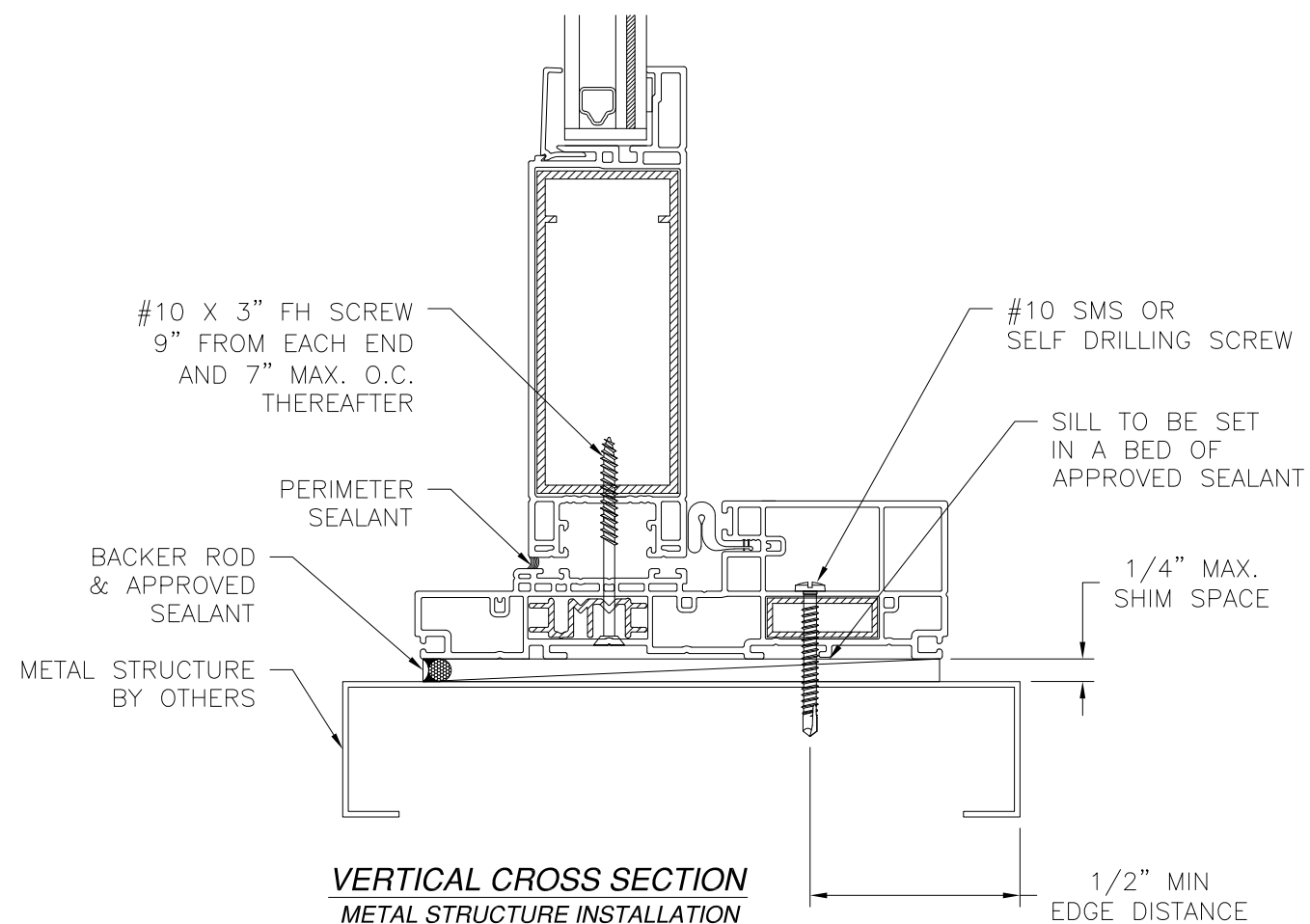


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

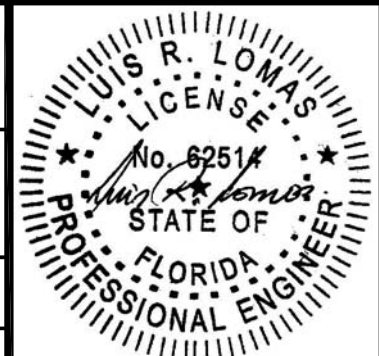
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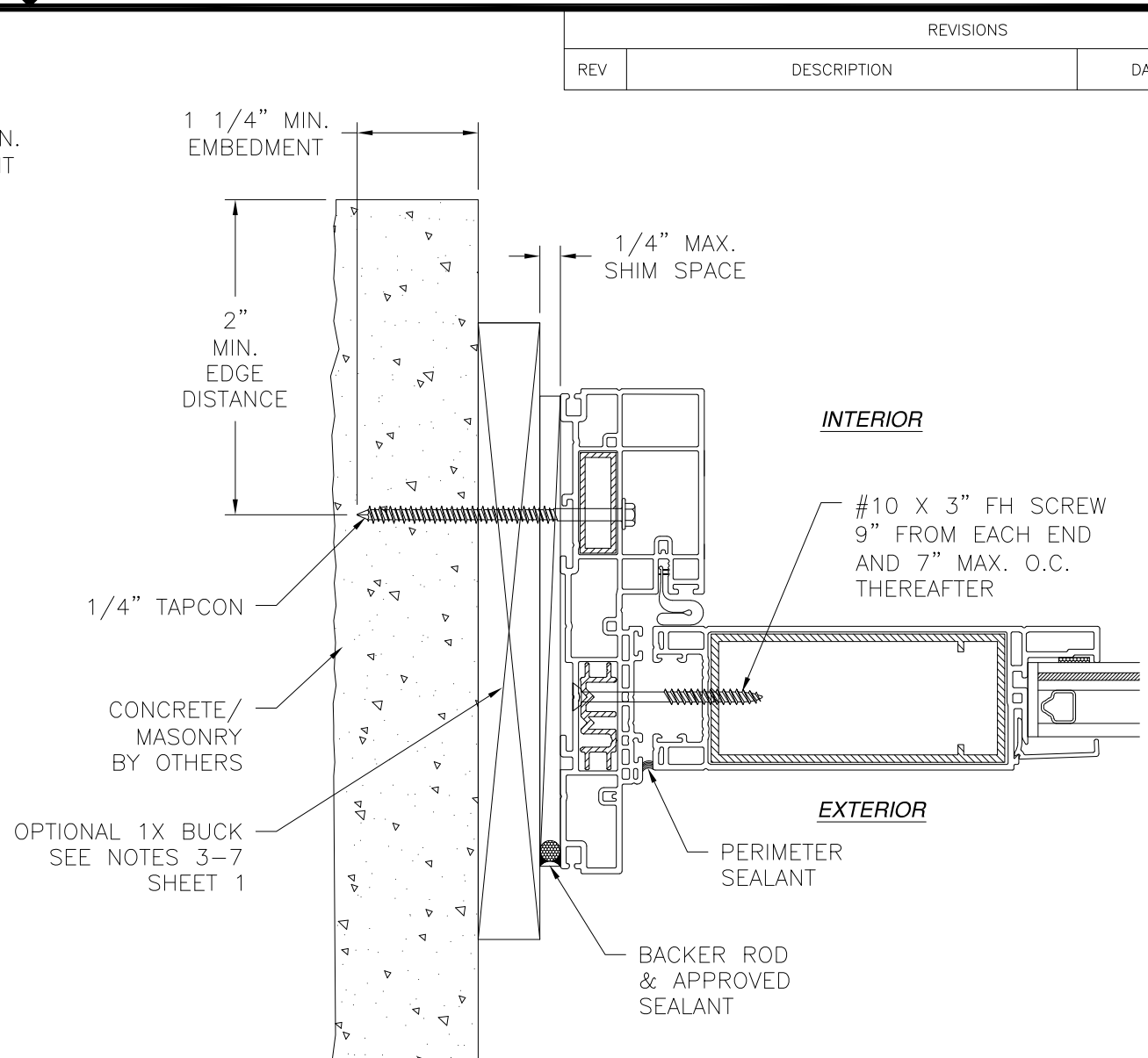
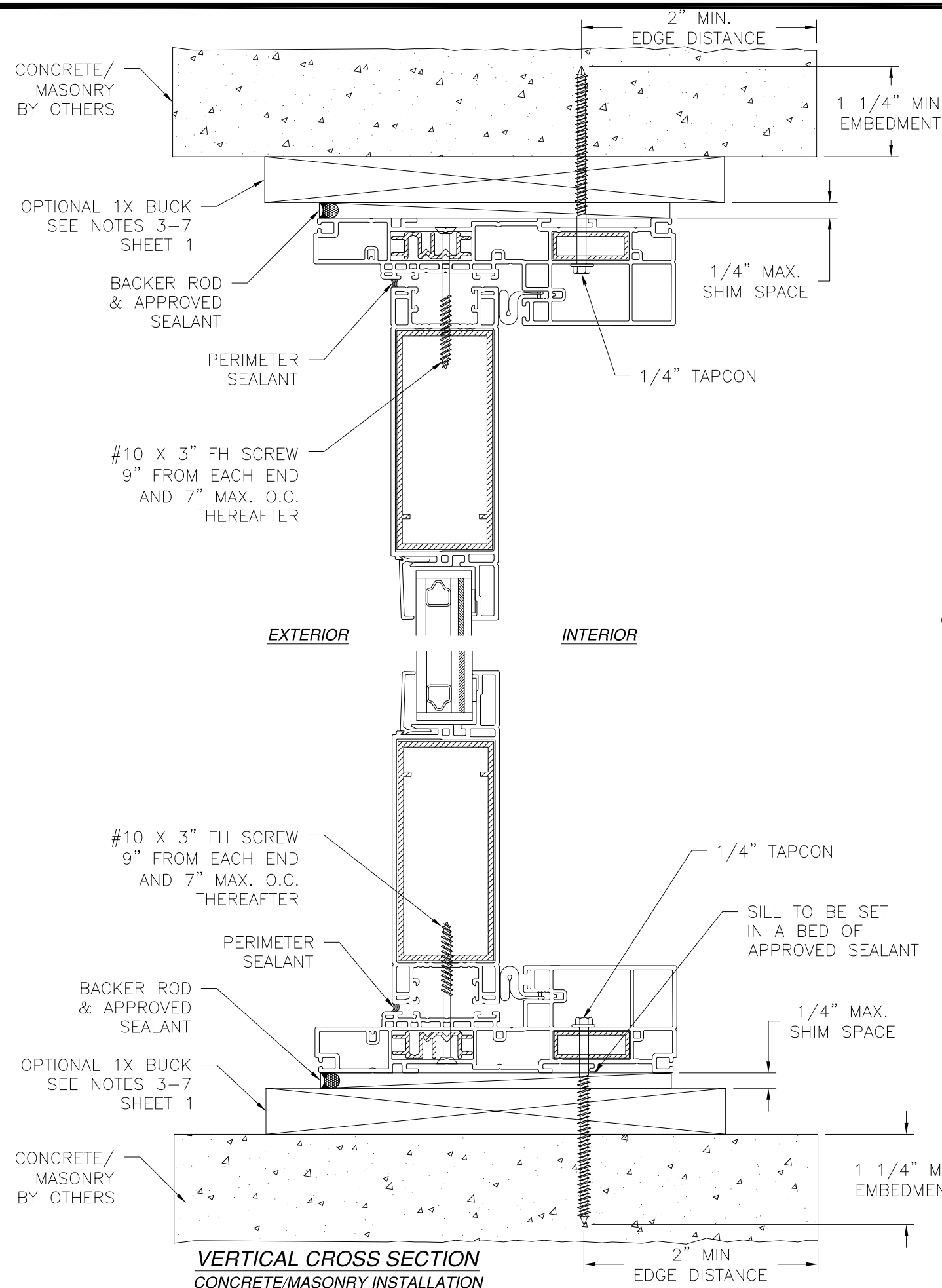
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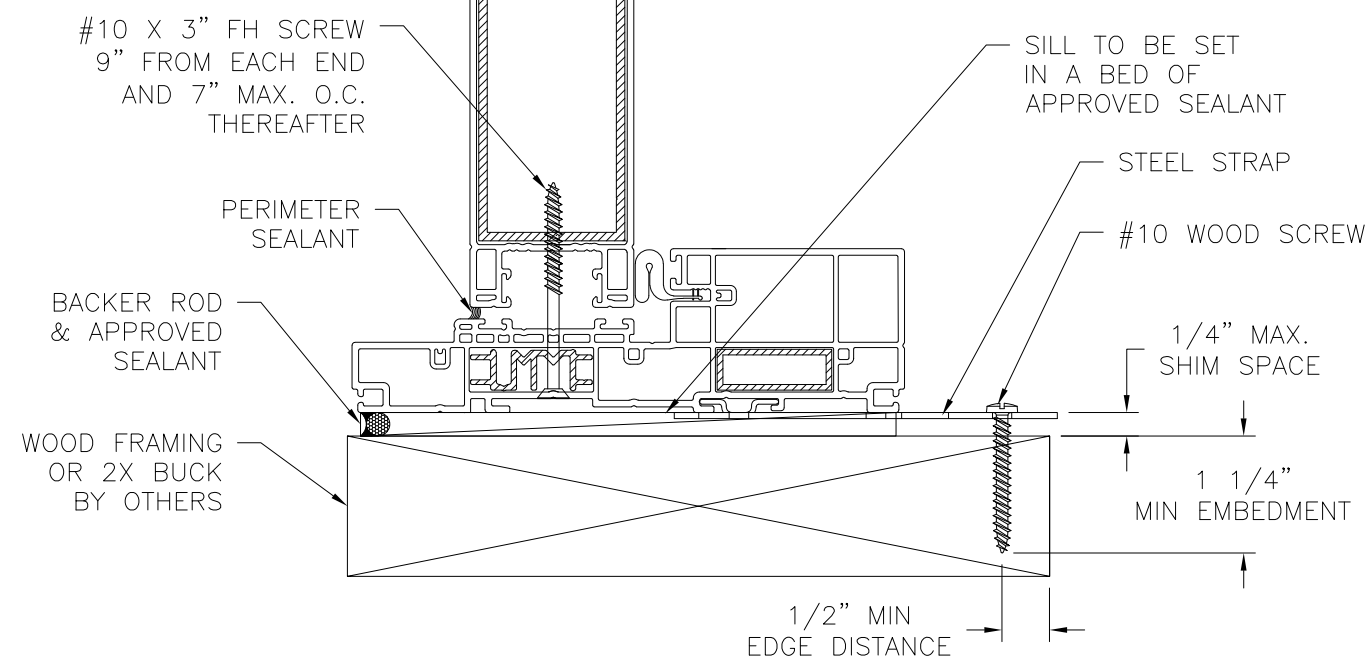
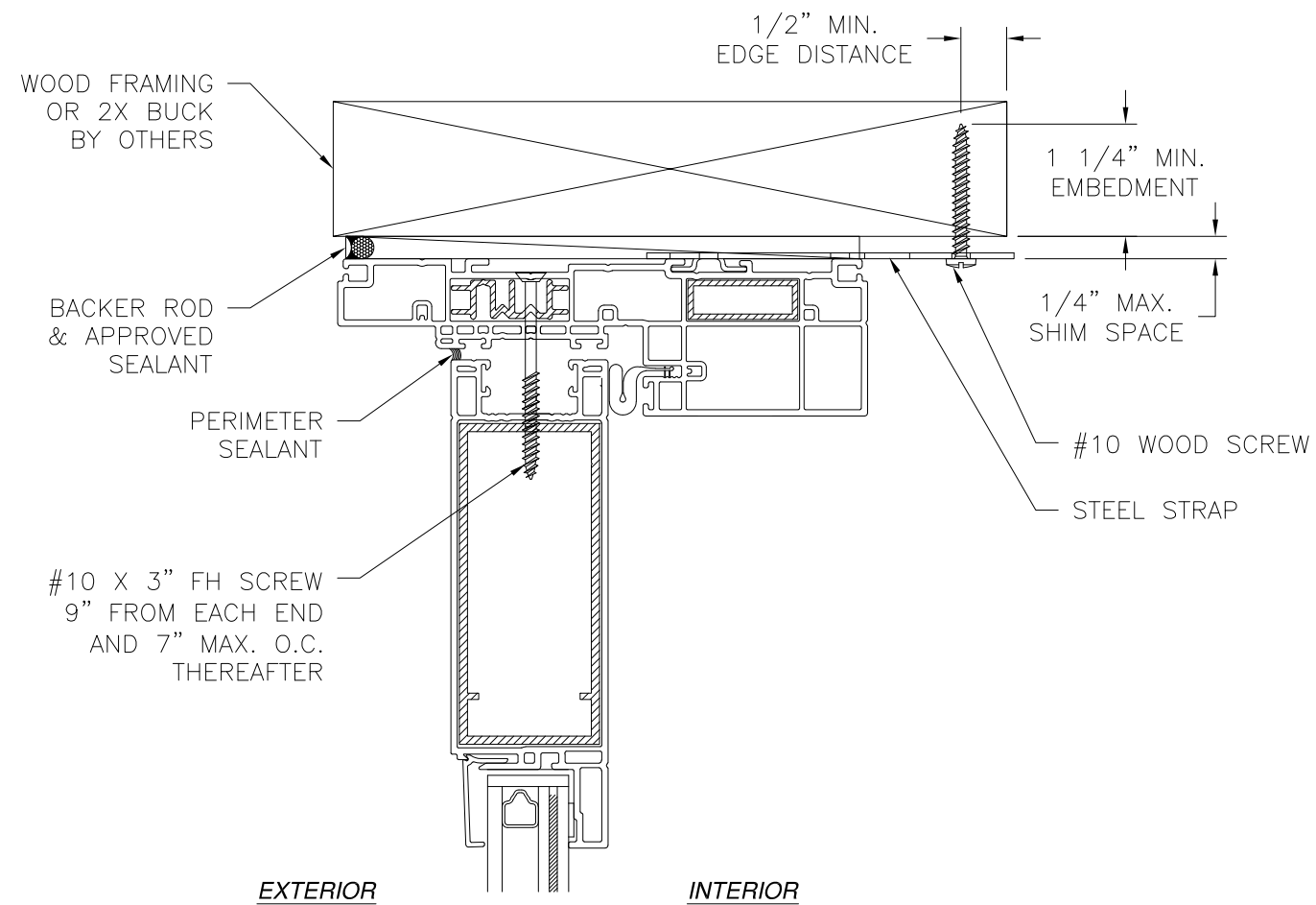
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DOTHAN, AL 36303

SERIES 9800 VINYL FIXED SIDELITE
IMPACT-HVHZ
INSTALLATION DETAILS

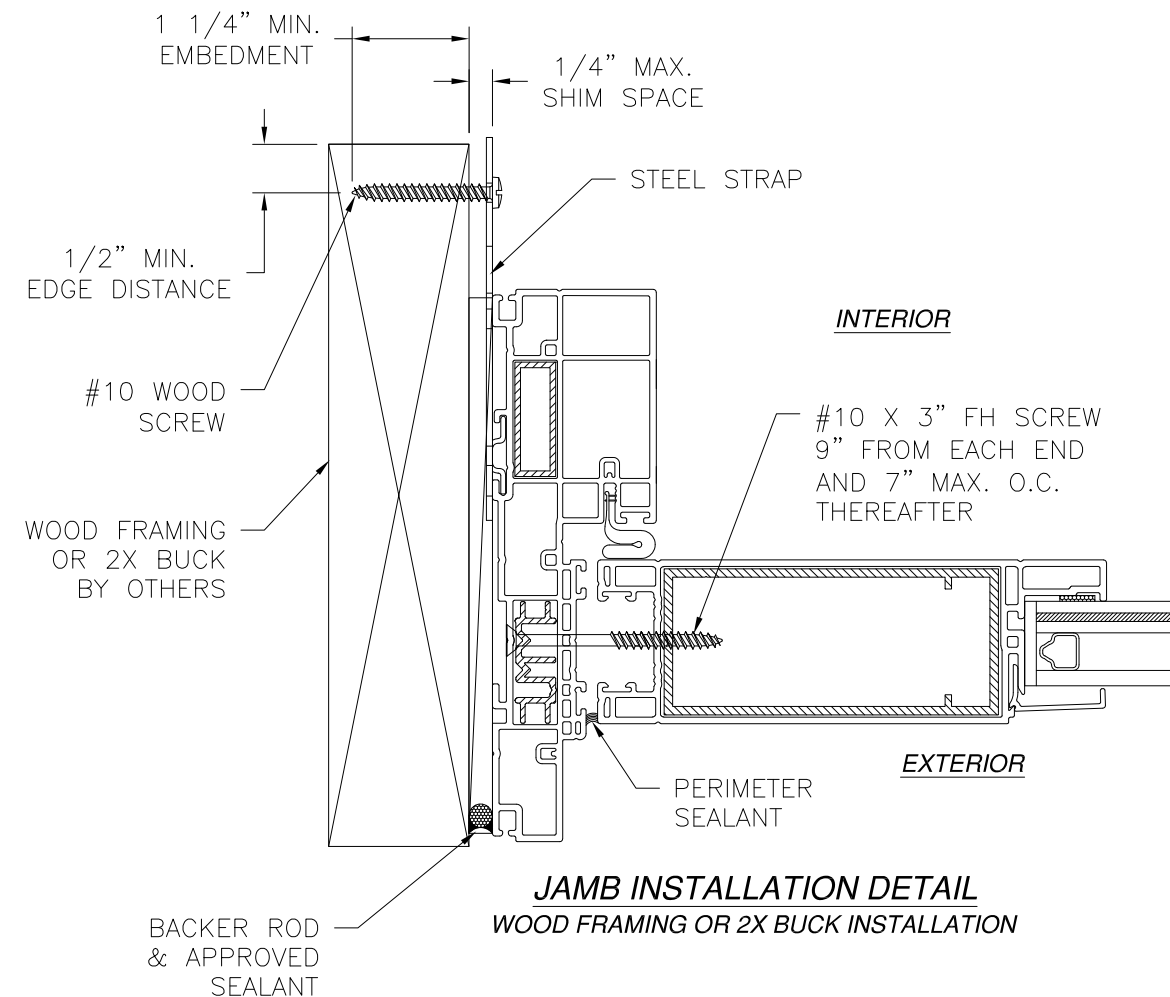
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

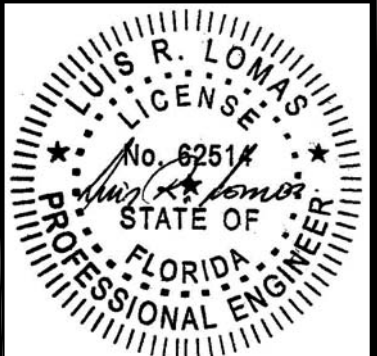


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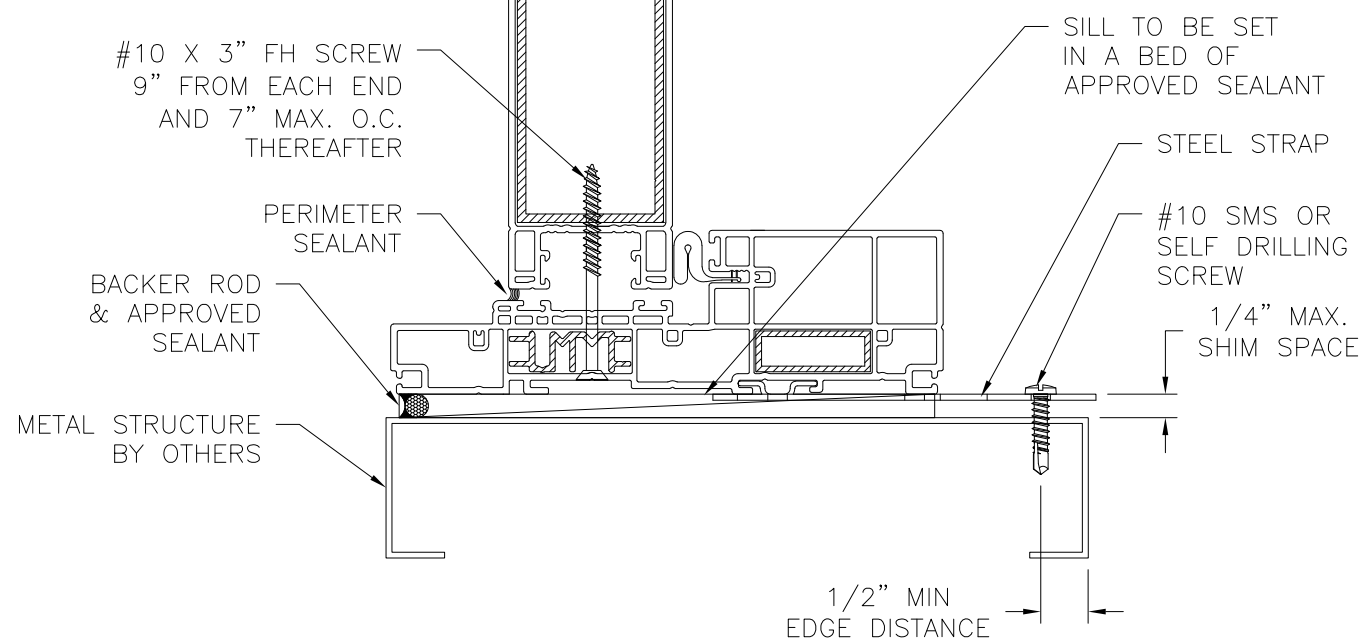
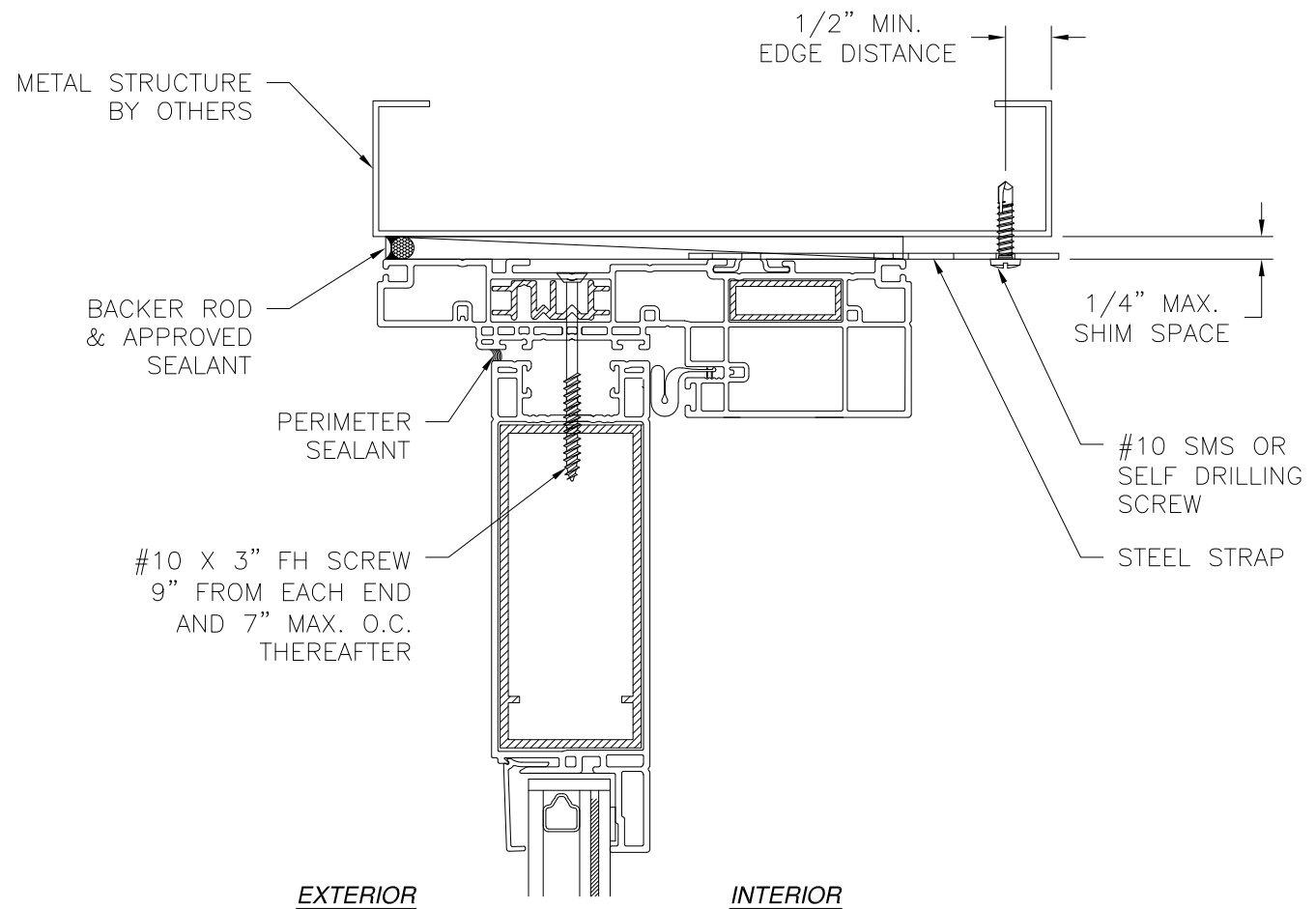
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171 JET SERVICES WAY DOTHAN, AL 36303		
SERIES 9800 VINYL FIXED SIDELITE IMPACT-HVHZ INSTALLATION DETAILS W/STEEL STRAP		
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SCALE NTS	DATE 02/22/21	SHEET 7 OF 12
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

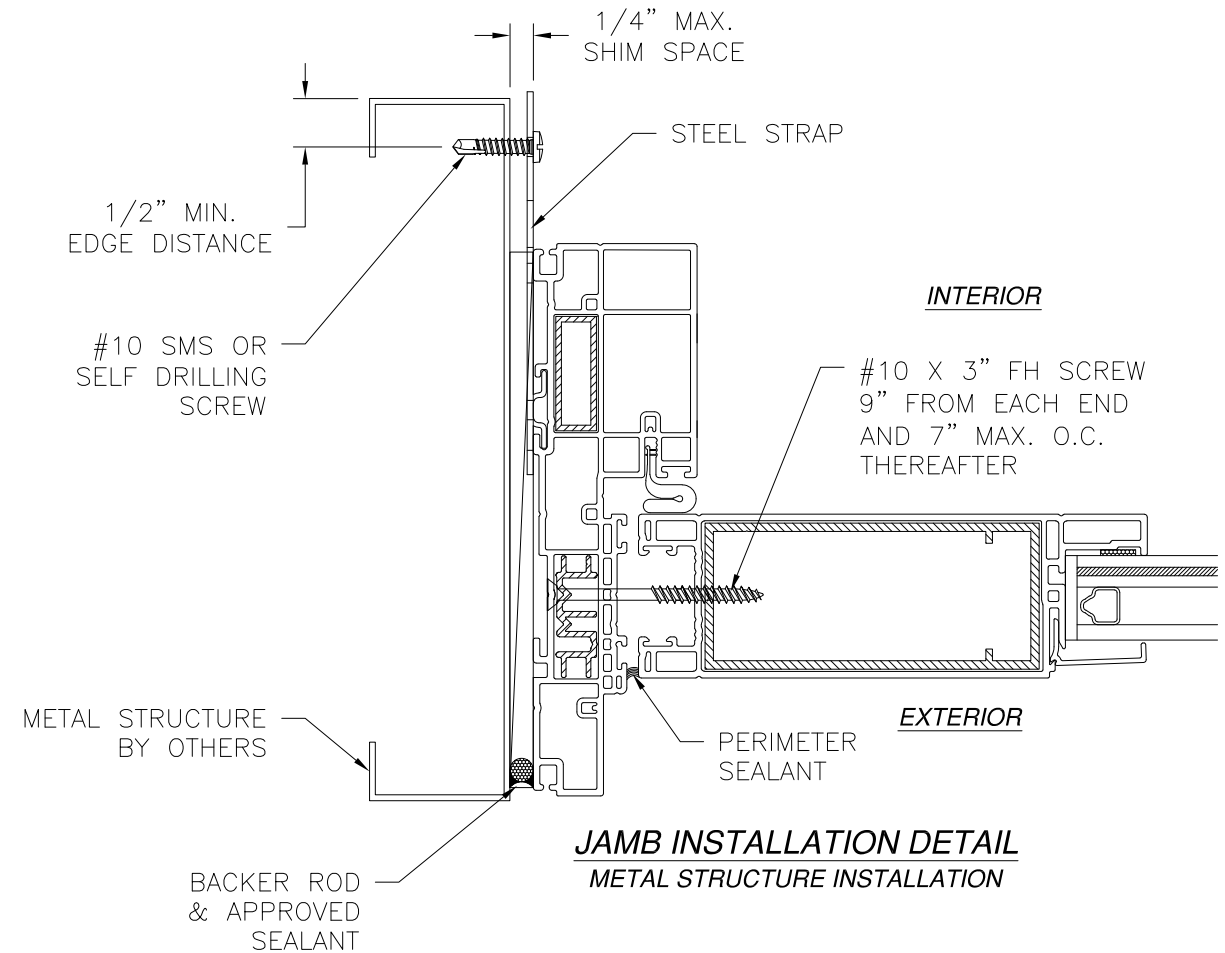
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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SHWINCO ARCHITECTURAL PRODUCTS, LLC.

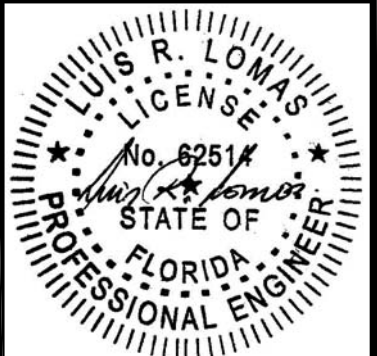
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IMPACT-HVHZ
INSTALLATION DETAILS W/STEEL STRAP

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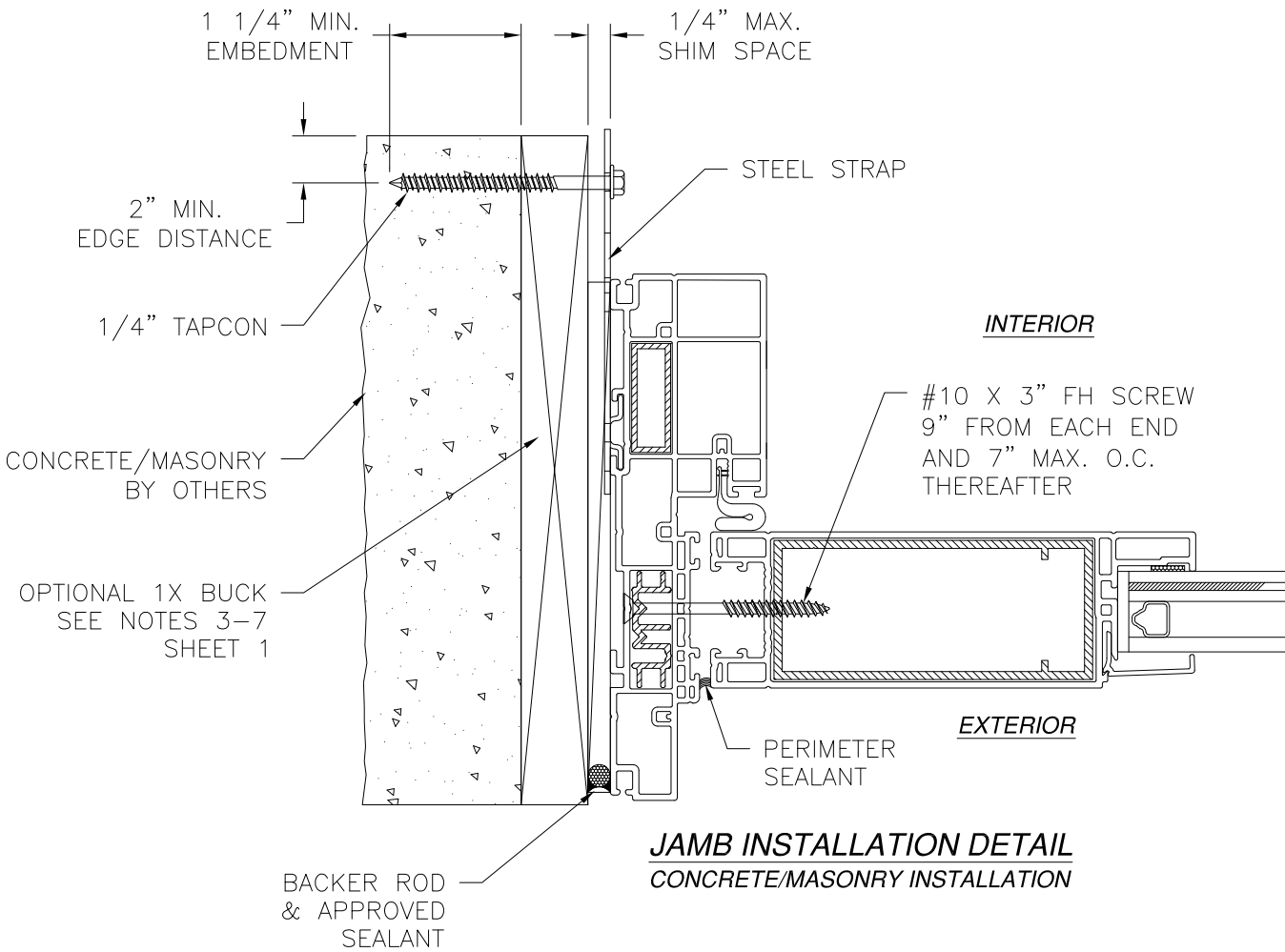
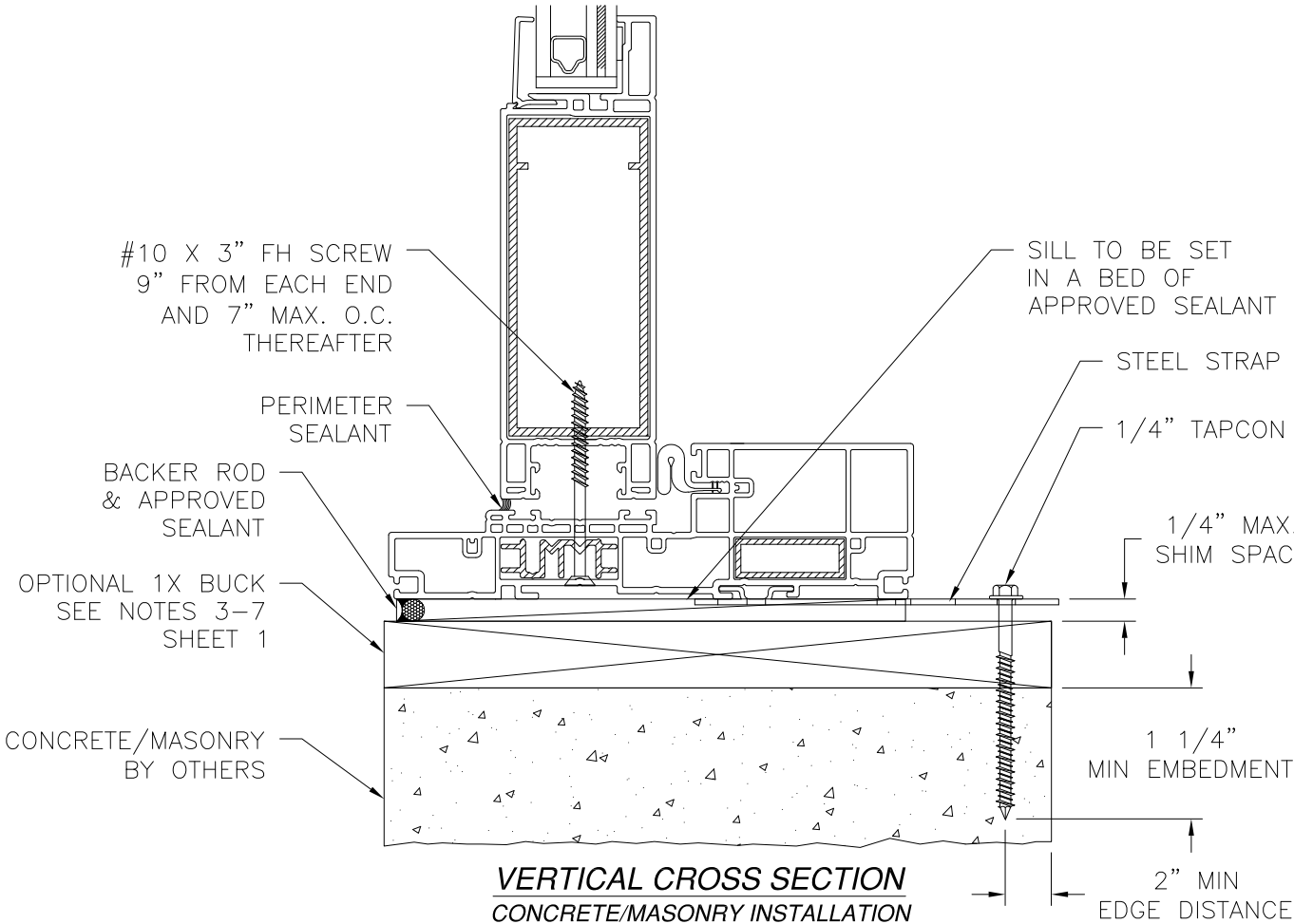
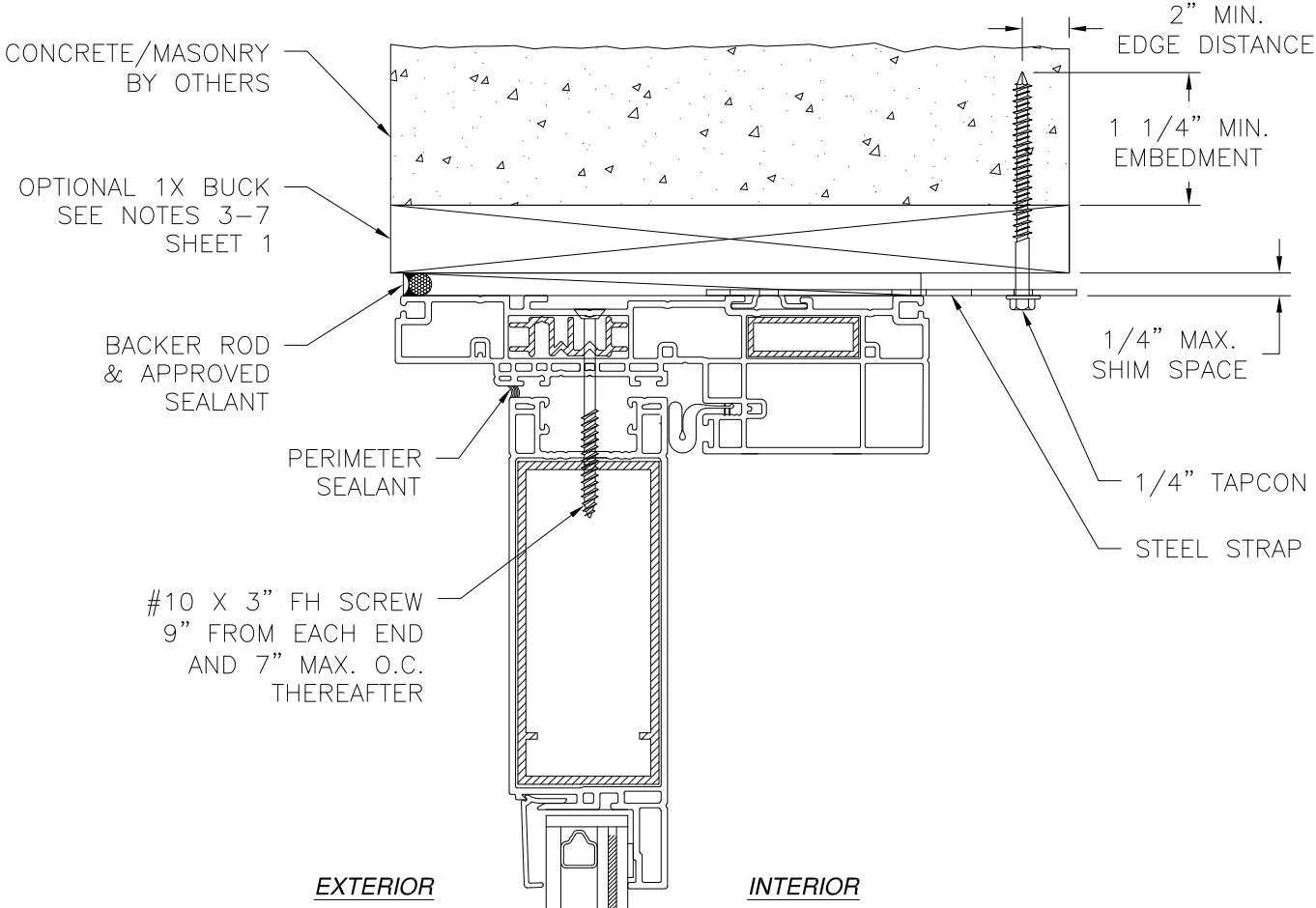
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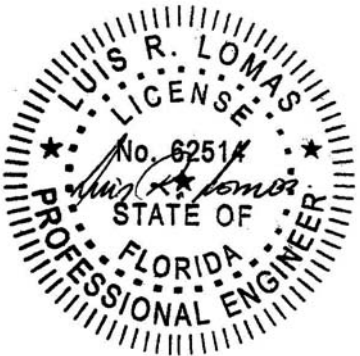
SHWINCO ARCHITECTURAL PRODUCTS, LLC.
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IMPACT-HVHZ
INSTALLATION DETAILS W/STEEL STRAP

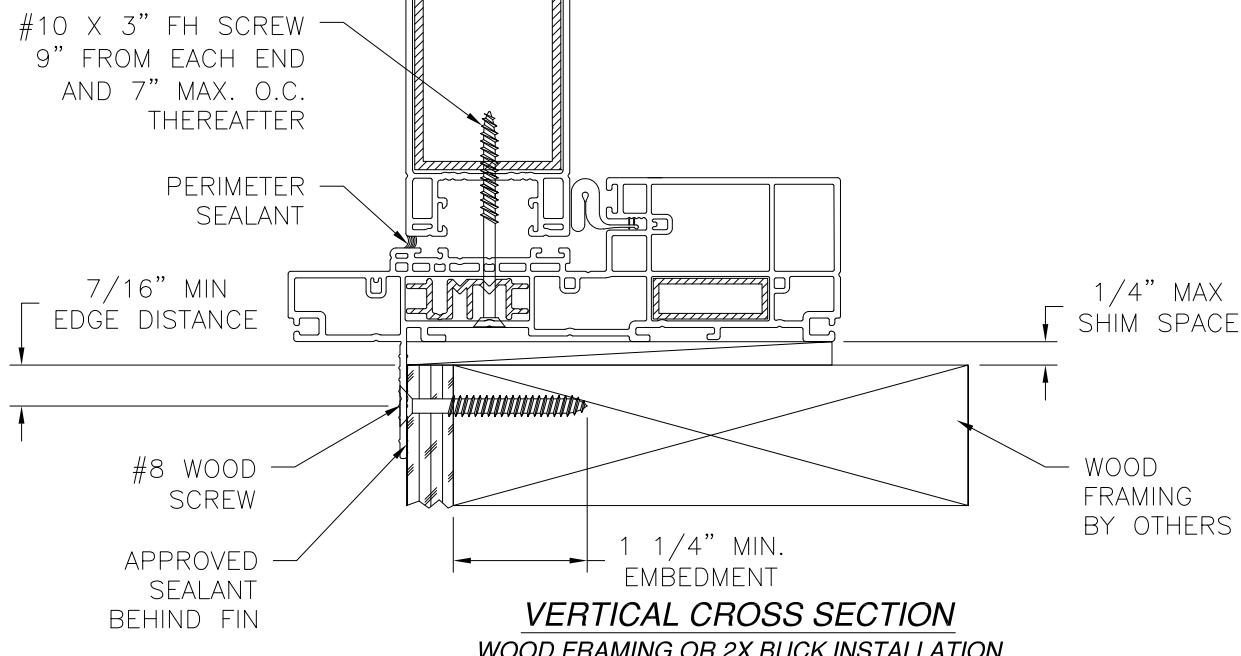
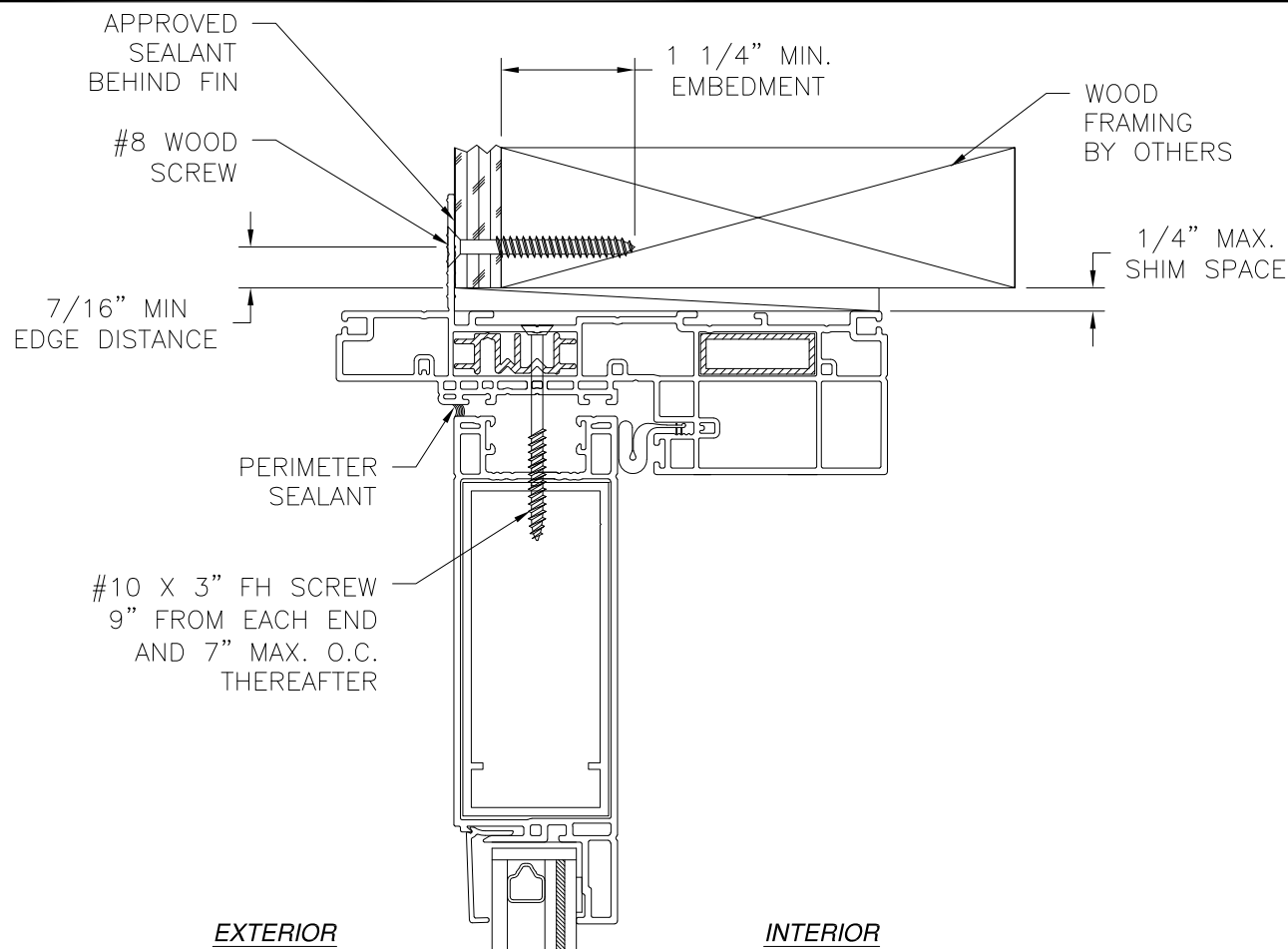
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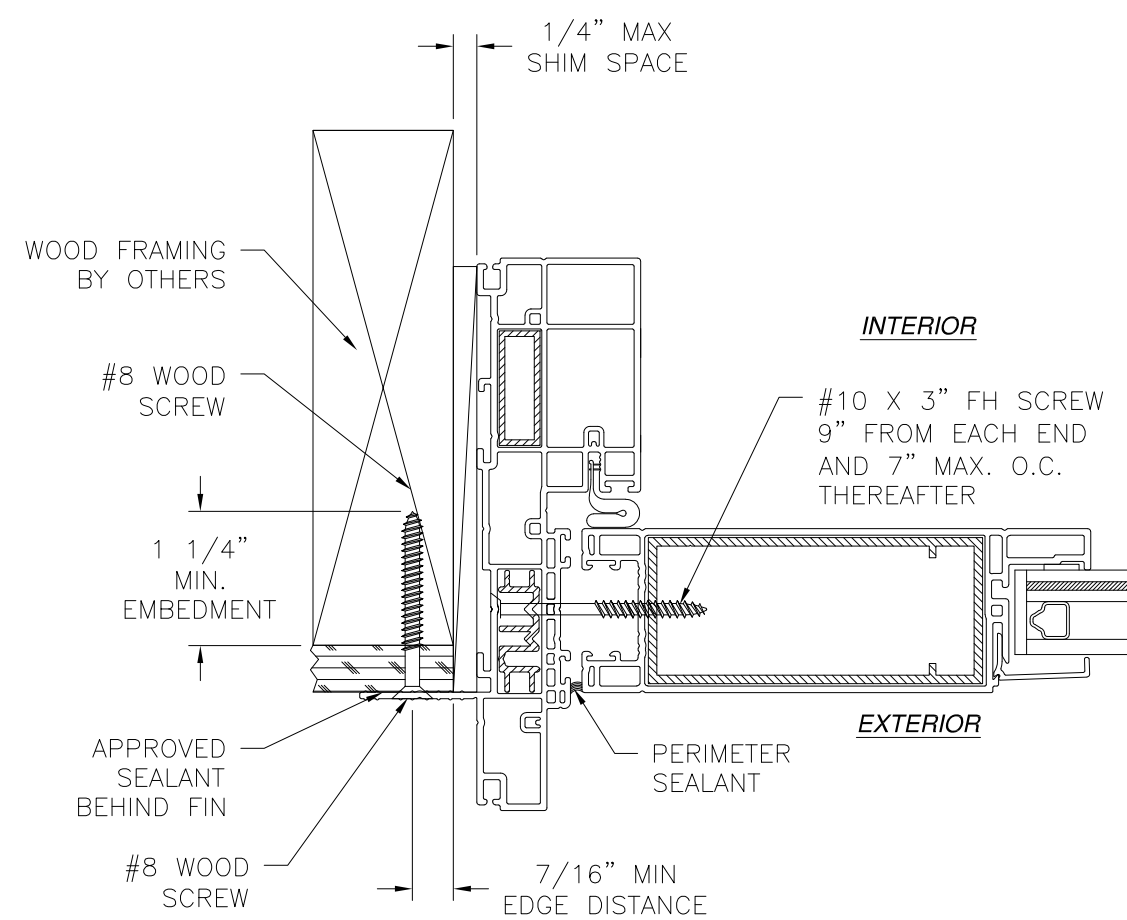


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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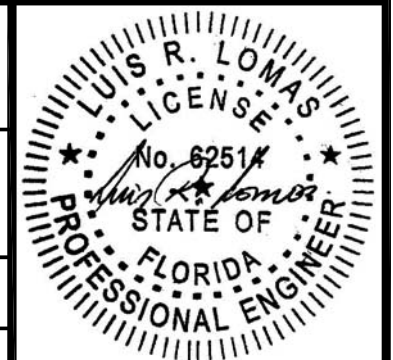
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171 JET SERVICES WAY
DOTHAN, AL 36303

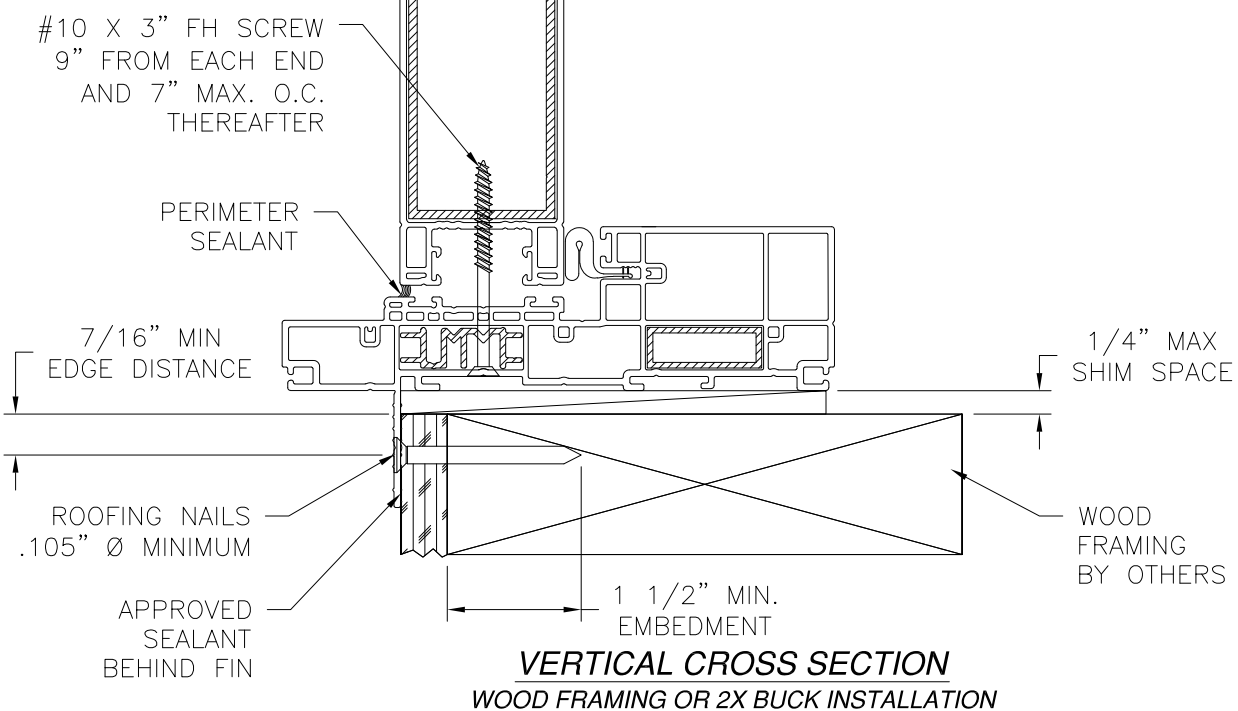
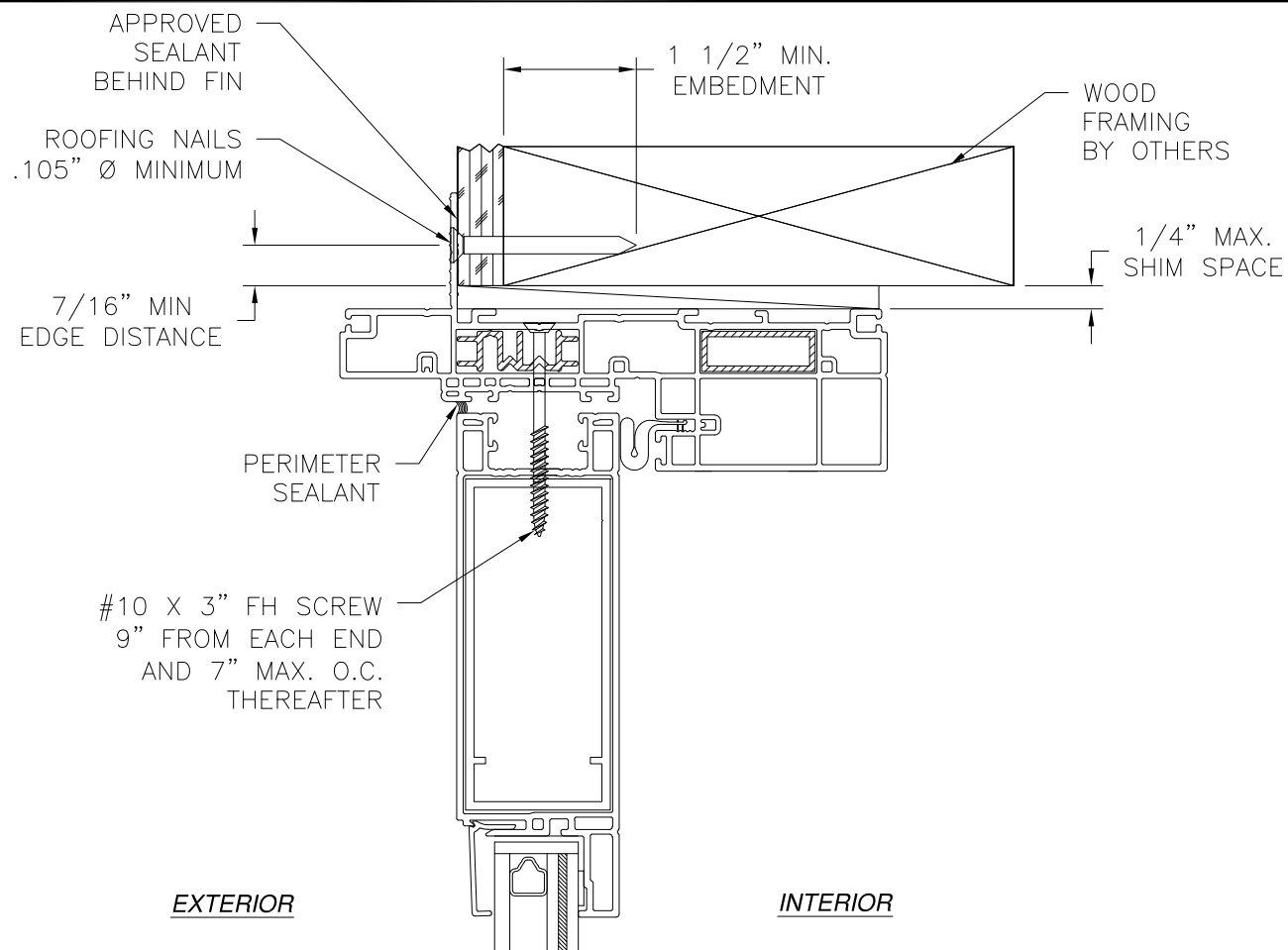
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IMPACT-HVHZ
FIN INSTALLATION DETAILS

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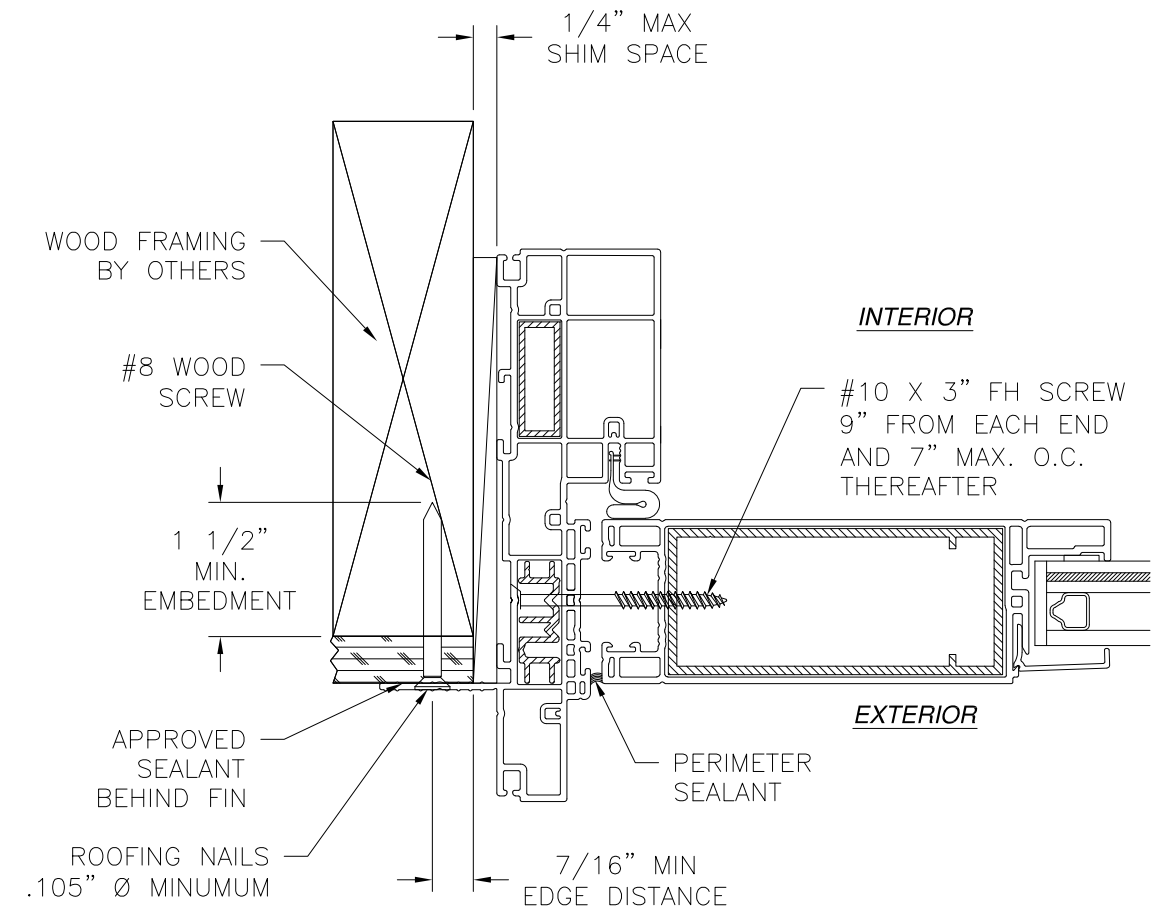
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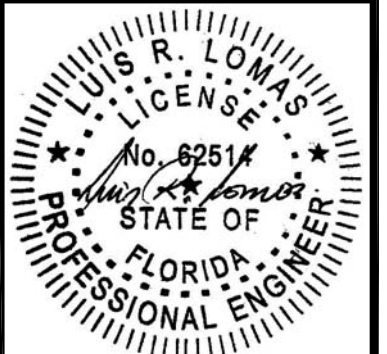
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SERIES 9800 VINYL FIXED SIDELITE
IMPACT-HVHZ
FIN INSTALLATION DETAILS

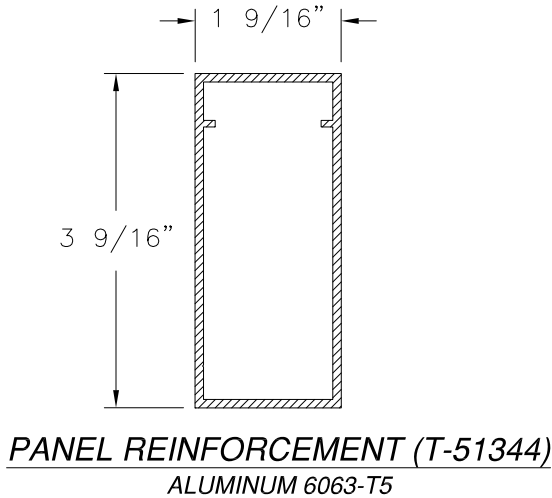
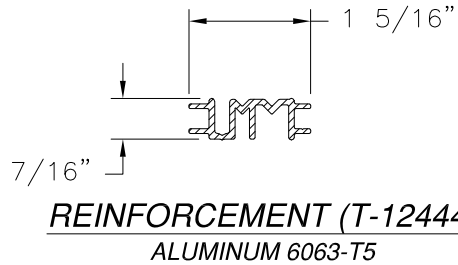
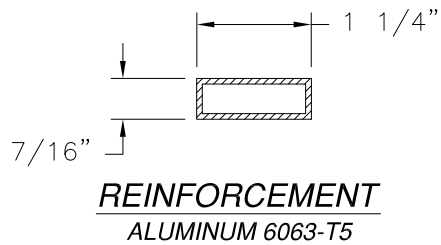
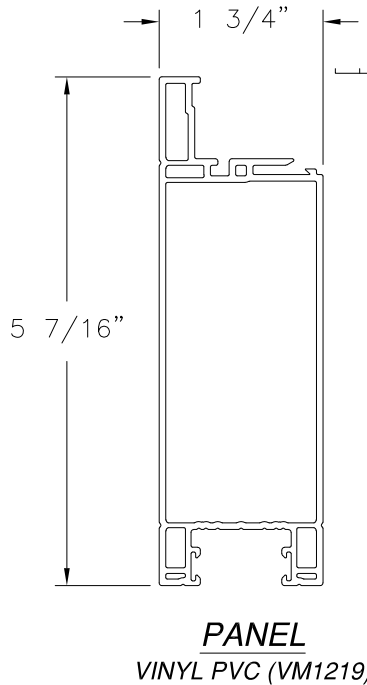
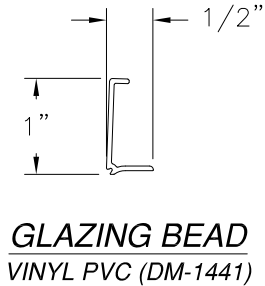
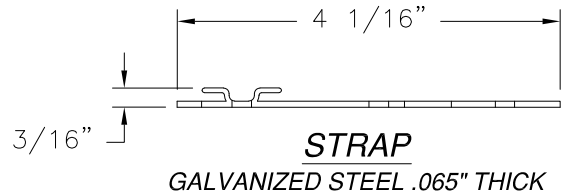
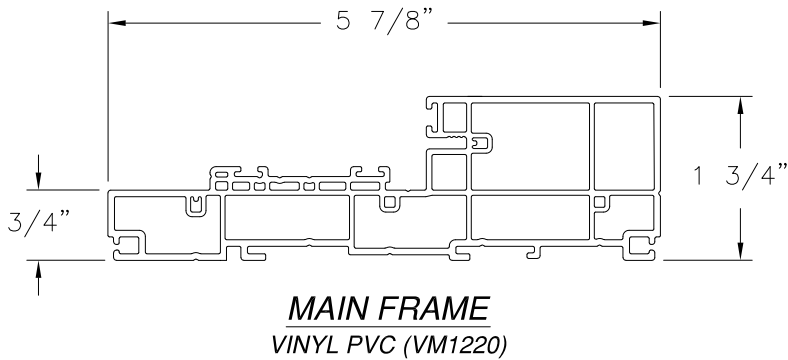
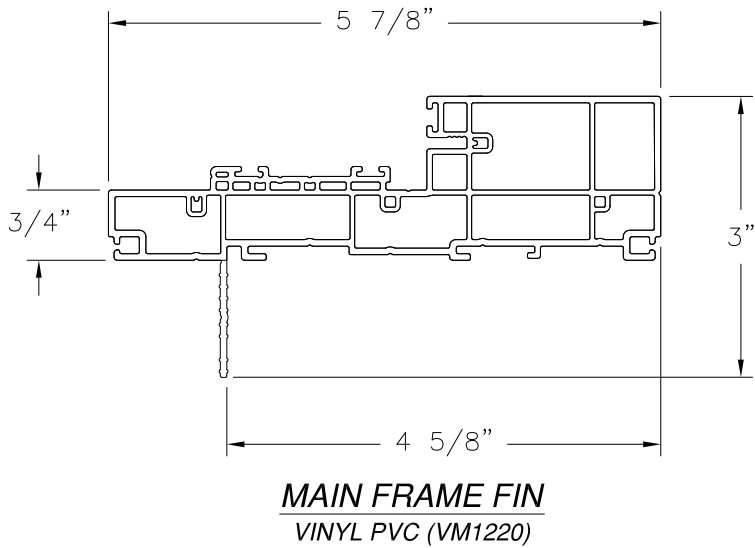
DRAWN: A.R.	DWG NO. 08-03691	REV -
SCALE NTS	DATE 02/22/21	SHEET 11 OF 12

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SIGNED: 03/24/2021

SHWINCO ARCHITECTURAL PRODUCTS, LLC.

171 JET SERVICES WAY
DOTHAN, AL 36303

SERIES 9800 VINYL FIXED SIDELITE

IMPACT-HVHZ

COMPONENTS

DRAWN: A.R.

DWG NO. 08-03691

REV -

SCALE NTS

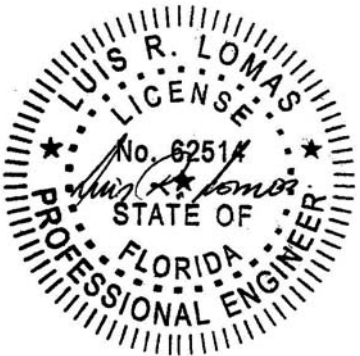
DATE 02/22/21

SHEET 12 OF 12

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