REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	03/16/2023	R.L.

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.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS 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 7/8" 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 #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.
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 #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.
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 .125" THICK MINIMUM

SIGNED: 08/05/2026

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1	NOTES
2	ELEVATION
3	HORIZONTAL CROSS SECTIONS
4 – 8	INSTALLATION DETAILS
9	COMPONENTS

KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

400/475 VINYL TRIPLE PICTURE WINDOW
CHS NON–IMPACT
NOTES

DRAWN:	DWG NO.	REV
A.R.	08–03644	A
SCALE NTS	DATE 12/01/2020	SHEET 1 OF 9

L. ROBERTO LOMAS P.E.
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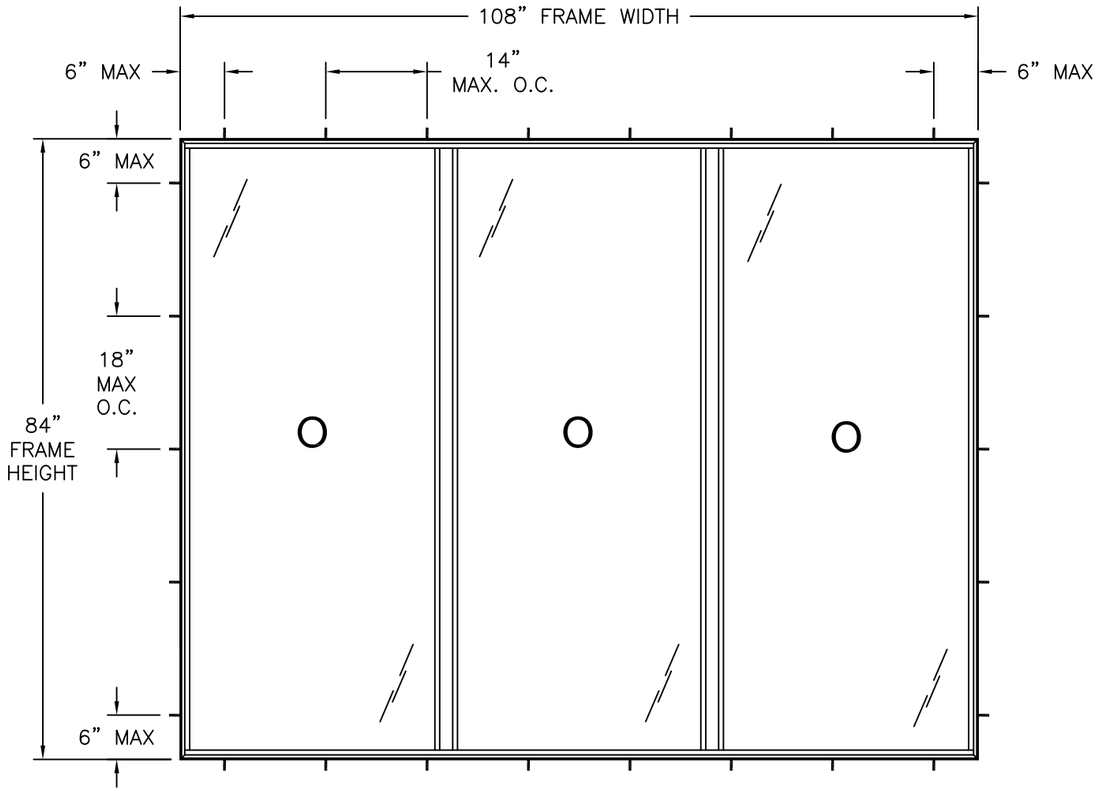
LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

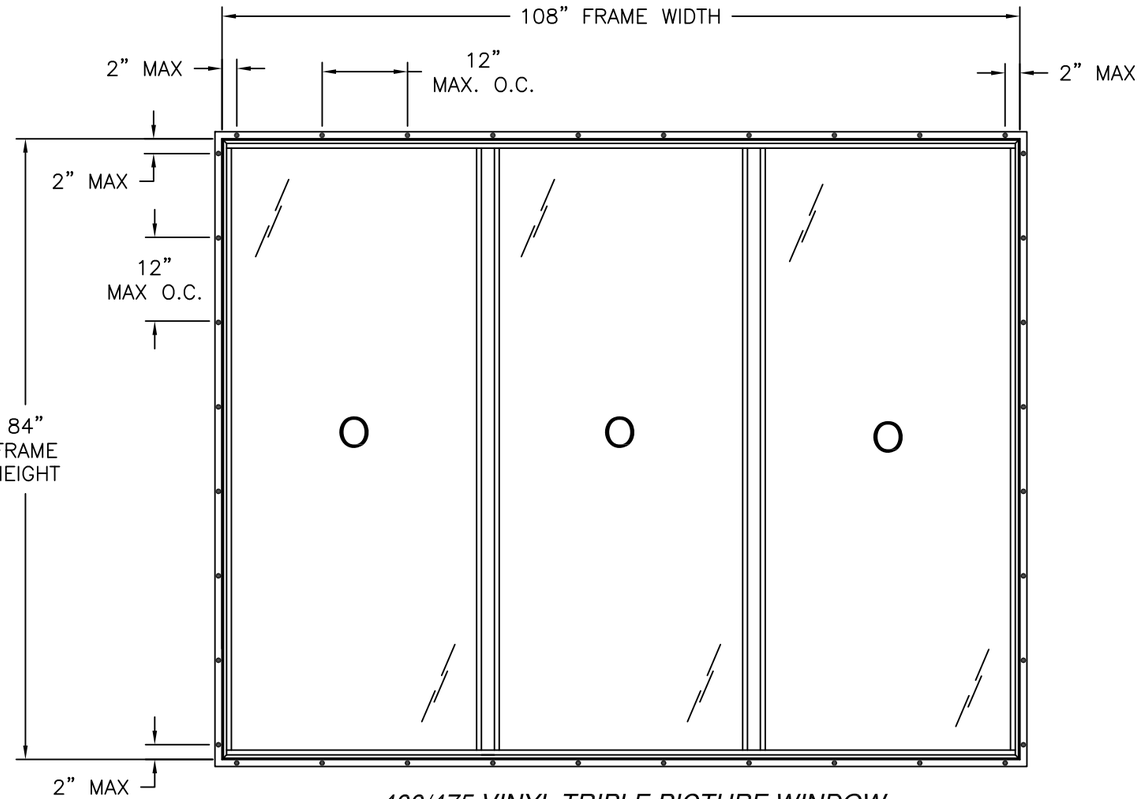
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	03/16/2023	R.L.

NOTES:
1. D.L.O. SIZE: 33 1/8" X 81"



400/475 VINYL TRIPLE PICTURE WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



400/475 VINYL TRIPLE PICTURE WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1, THIS SHEET

Chart #1
Maximum Design pressure (psf)

Frame Height (in)	Frame Width (in)											
	72.0		84		96.0		108		120.0		126.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
48.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
54.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
60.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	44.6	44.6	43.5	43.5
66.0	45.0	45.0	45.0	45.0	44.6	44.6	41.3	41.3	38.7	38.7	37.7	37.7
72.0	45.0	45.0	43.9	43.9	39.8	39.8	36.7	36.7	34.3	34.3	33.3	33.3
78.0	45.0	45.0	39.8	39.8	35.9	35.9	33.0	33.0	-	-	-	-
84.0	41.3	41.3	36.4	36.4	32.8	32.8	30.0	30.0	-	-	-	-
90.0	34.9	34.9	30.3	30.3	26.8	26.8	-	-	-	-	-	-
96.0	28.7	28.7	24.8	24.8	-	-	-	-	-	-	-	-
102.0	23.8	23.8	20.6	20.6	-	-	-	-	-	-	-	-
108.0	20.0	20.0	17.3	17.3	-	-	-	-	-	-	-	-

SIGNED: 08/05/2026

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3950 BASTILLE RD., SUITE 100
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400/475 VINYL TRIPLE PICTURE WINDOW
CHS NON-IMPACT
ELEVATIONS

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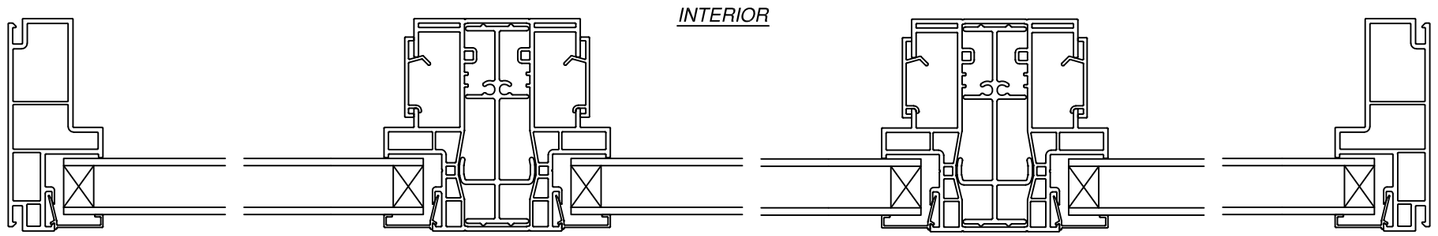
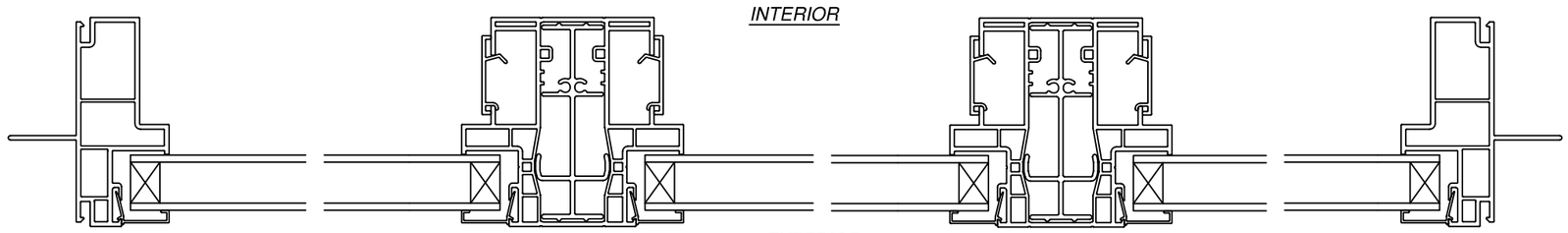


HORIZONTAL CROSS SECTION
FINLESS FRAME



HORIZONTAL CROSS SECTION
FIN FRAME

SIGNED: 08/05/2026

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400/475 VINYL TRIPLE PICTURE WINDOW
CHS NON-IMPACT
HORIZONTAL CROSS SECTIONS

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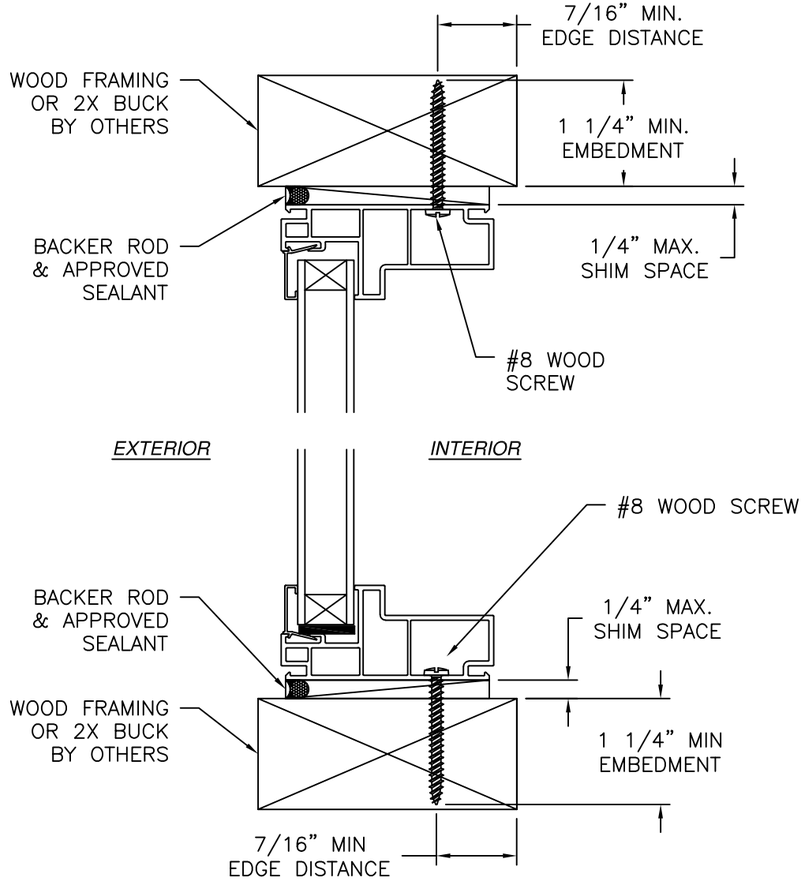
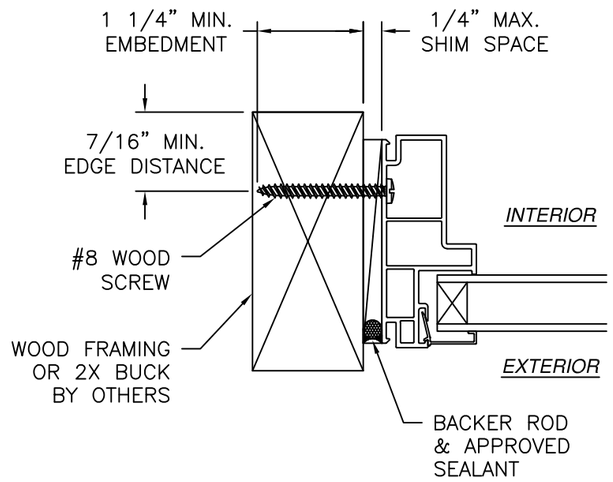


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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*

SIGNED: 08/05/2026

KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
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400/475 VINYL TRIPLE PICTURE WINDOW
CHS NON-IMPACT
INSTALLATION DETAILS

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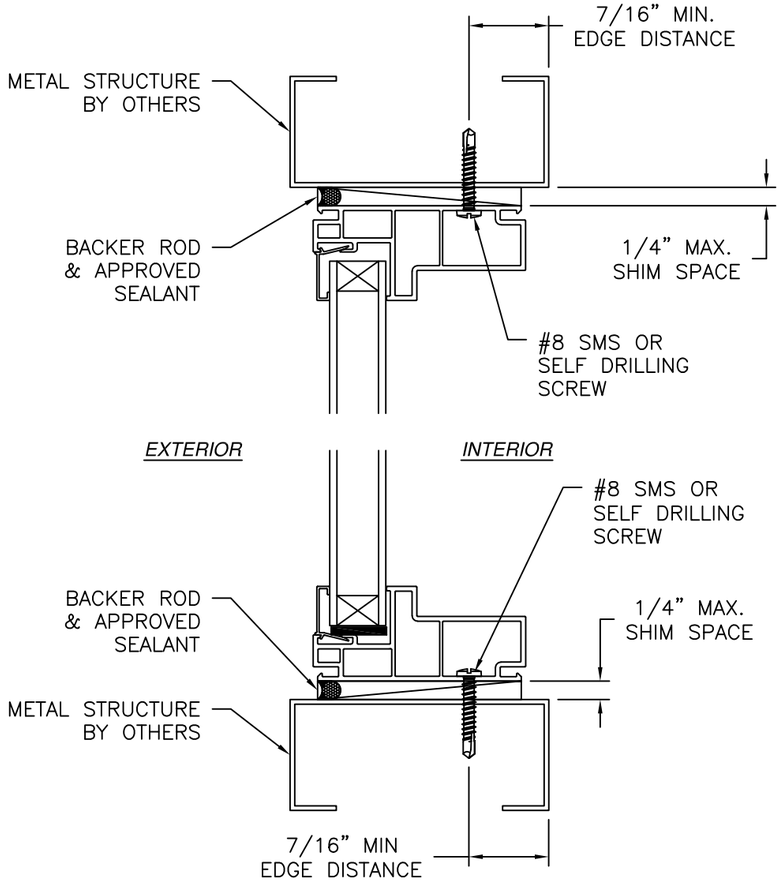
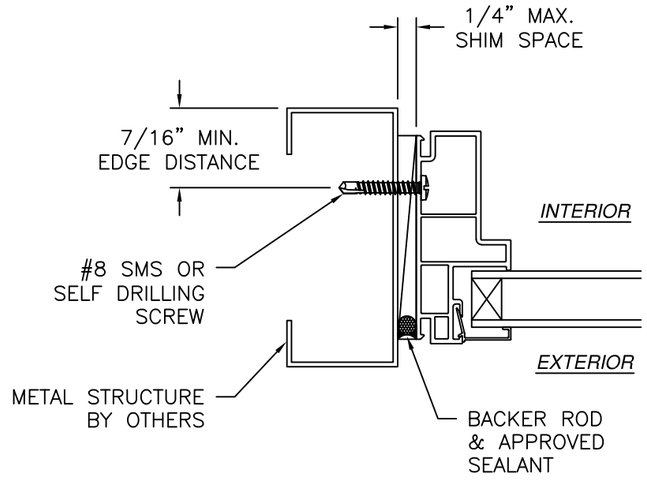


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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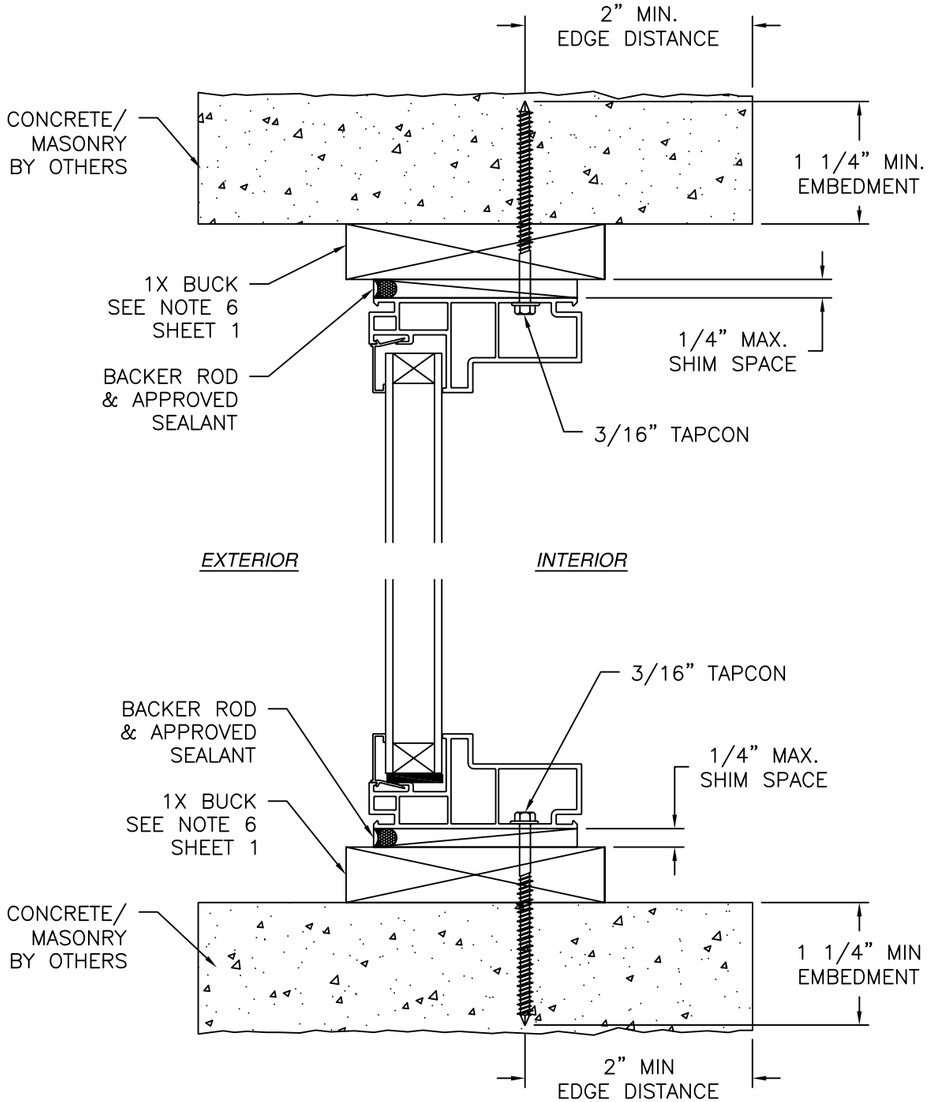
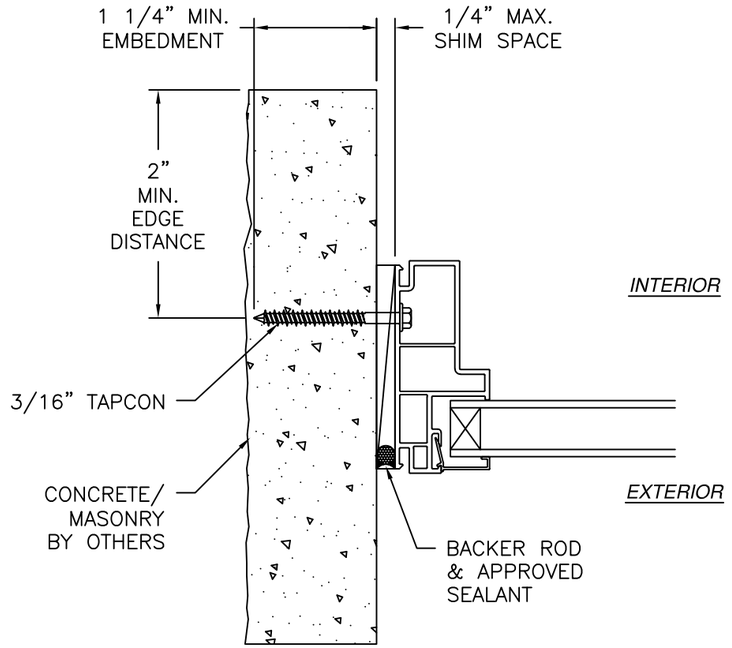


VERTICAL CROSS SECTION

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



JAMB INSTALLATION DETAIL

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

NOTES:

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400/475 VINYL TRIPLE PICTURE WINDOW
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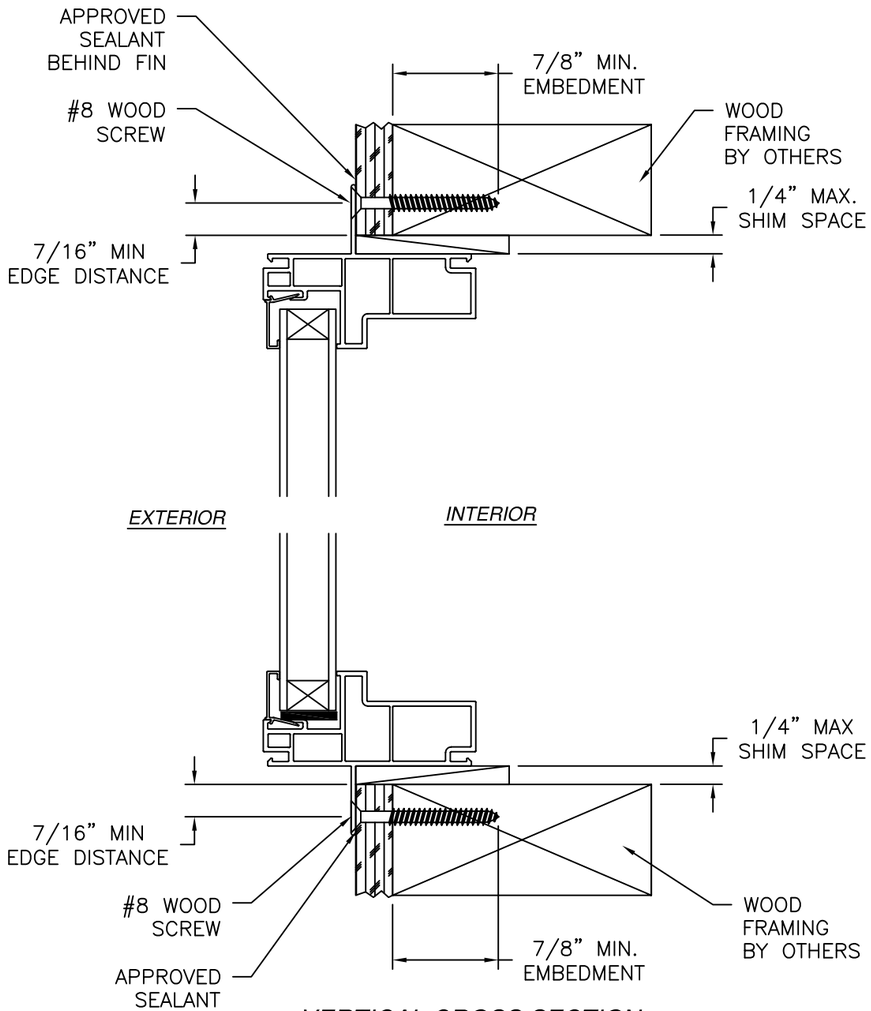
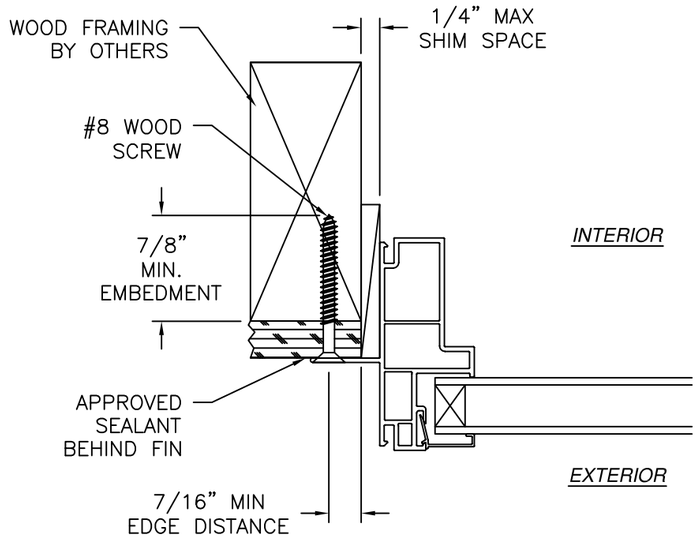


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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400/475 VINYL TRIPLE PICTURE WINDOW
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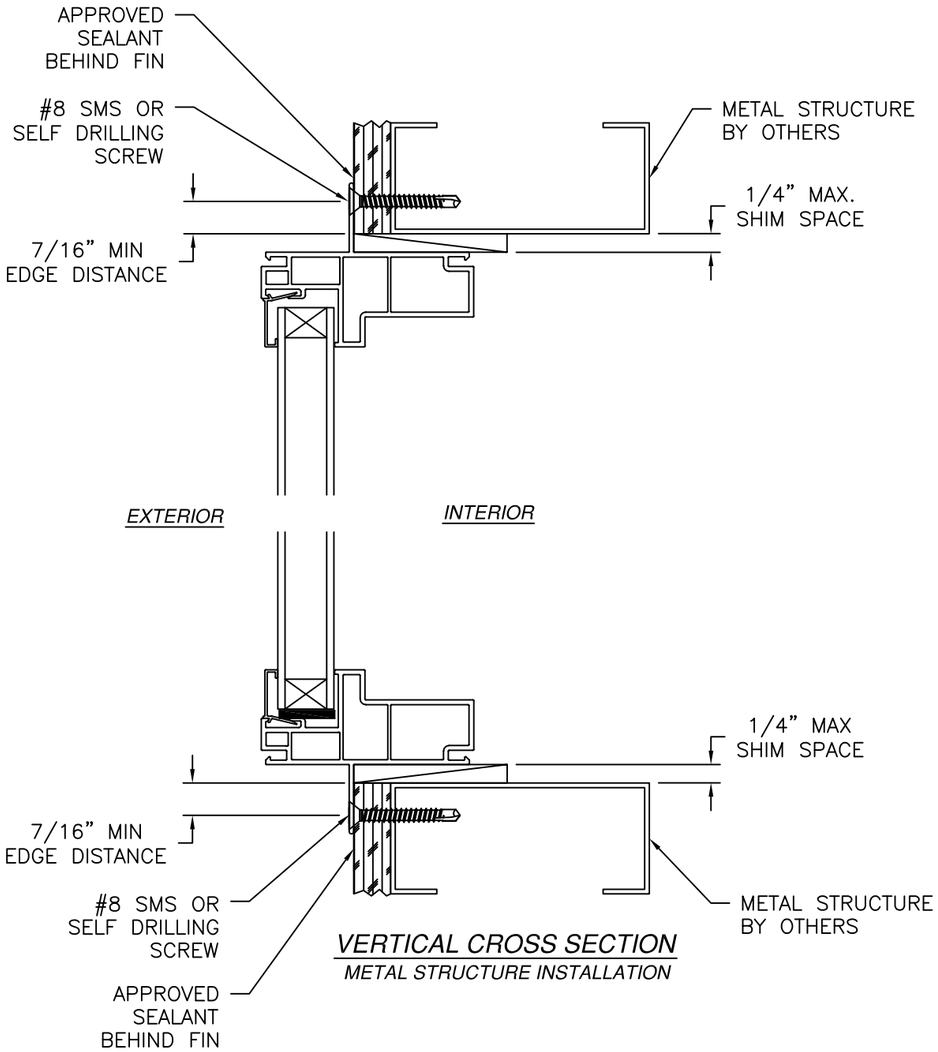
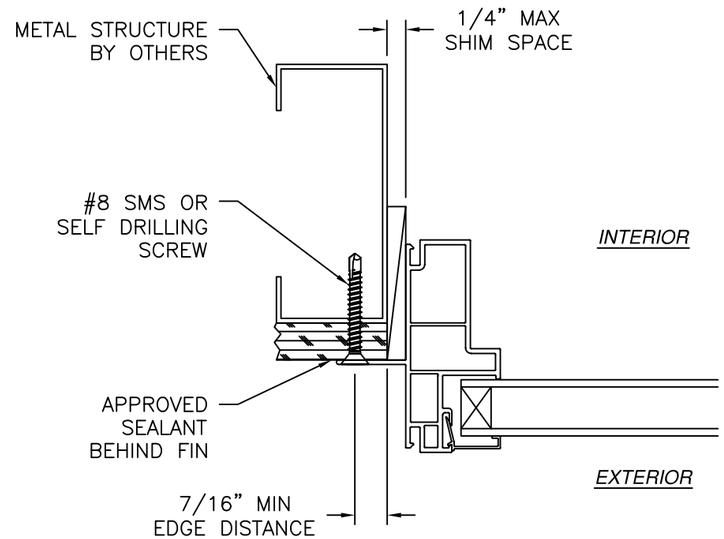


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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400/475 VINYL TRIPLE PICTURE WINDOW
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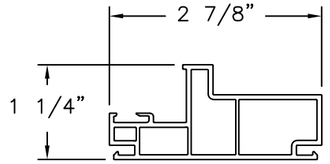
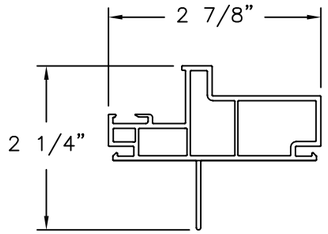
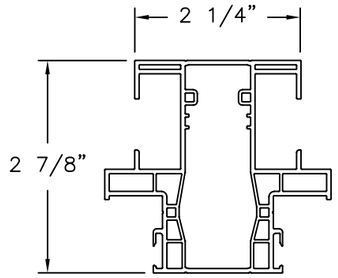


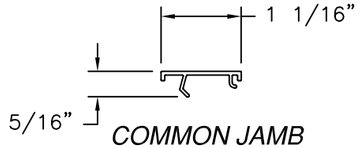
MAIN FRAME (BP4003)
EXTRUDED RIGID PVC



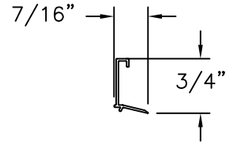
MAIN FRAME
FIN INSTALLATION (BP4003)
EXTRUDED RIGID PVC



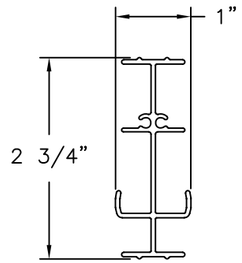
COMMON JAMB (BP4010)
EXTRUDED RIGID PVC



COMMON JAMB
FILL COVER
EXTRUDED RIGID PVC



GLAZING BEAD (DT1720-R)
EXTRUDED RIGID PVC



COMMON JAMB
REINFORCEMENT (208A)
ALUMINUM 6063-T5

SIGNED: 08/05/2026

KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

400/475 VINYL TRIPLE PICTURE WINDOW
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