REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	03/15/2023	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND METAL STRUCTURE 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. 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".
4. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
5. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. FRAME MATERIAL: EXTRUDED RIGID PVC.
7. UNITS MUST BE GLAZED PER ASTM E1300.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
9. 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.
10. 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.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. 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:
    - 12.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
    - 12.2. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI

SIGNED: 08/05/2026

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 – 5	INSTALLATION DETAILS
6	COMPONENTS

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

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
NOTES

DRAWN:	DWG NO.	REV
A.R.	08-03642	A
SCALE NTS	DATE 12/01/2020	SHEET 1 OF 6

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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	03/15/2023	R.L.

Chart #1
Rating for units with 12 inches transom height (psf)

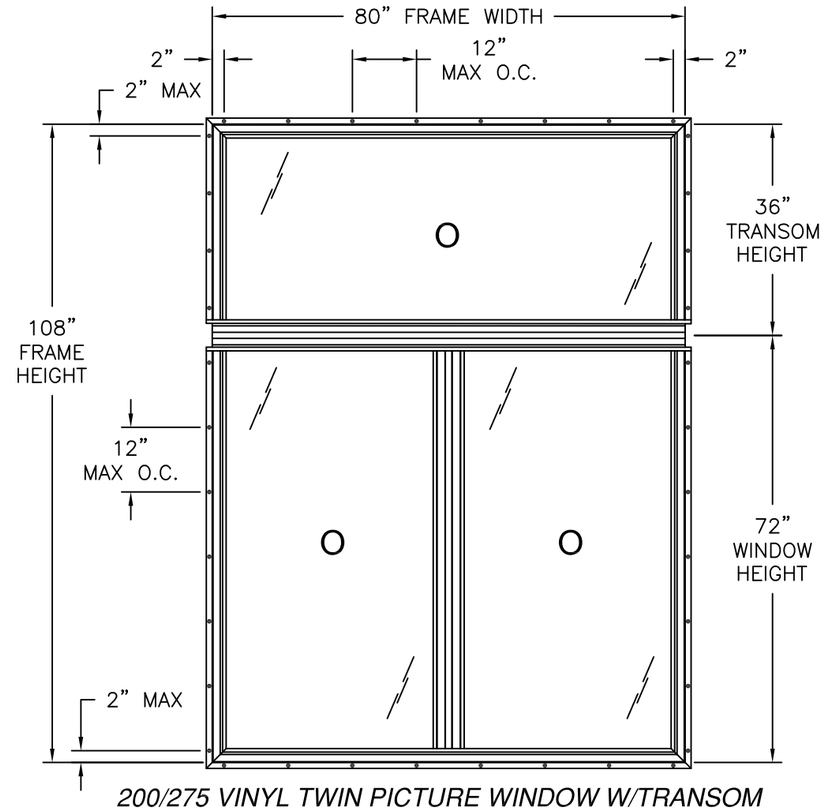
Window Height (in)	Frame widht (in)													
	36.0		48.0		60.0		72.0		80.0		84.0		96.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	38.0	38.0
30.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	32.9	32.9
36.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	29.1	29.1
42.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	26.1	26.1
48.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	41.1	41.1	23.8	23.8
54.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	37.7	37.7	21.9	21.9
60.0	45.0	45.0	45.0	45.0	45.0	45.0	41.3	41.3	39.0	39.0	34.9	34.9	20.2	20.2
66.0	45.0	45.0	45.0	45.0	40.8	40.8	36.1	36.1	33.9	33.9	32.4	32.4	18.8	18.8
72.0	45.0	45.0	43.3	43.3	36.5	36.5	32.1	32.1	30.0	30.0	28.9	28.9	17.6	17.6
78.0	45.0	45.0	36.0	36.0	29.4	29.4	25.2	25.2	23.1	23.1	22.3	22.3	16.5	16.5
84.0	37.6	37.6	28.6	28.6	23.4	23.4	19.9	19.9	18.2	18.2	17.6	17.6	-	-
90.0	30.5	30.5	23.2	23.2	18.9	18.9	16.0	16.0	-	-	-	-	-	-
96.0	25.1	25.1	19.0	19.0	-	-	-	-	-	-	-	-	-	-
108.0	17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-

Chart #2
Rating for units with 24 inches transom height (psf)

Window Height (in)	Frame widht (in)													
	36.0		48.0		60.0		72.0		80.0		84.0		96.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	29.6	29.6
30.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	26.4	26.4
36.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	41.3	41.3	23.8	23.8
42.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	43.1	43.1	37.8	37.8	21.8	21.8
48.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	40.8	40.8	35.0	35.0	20.2	20.2
54.0	45.0	45.0	45.0	45.0	45.0	45.0	44.0	44.0	38.6	38.6	32.5	32.5	18.8	18.8
60.0	45.0	45.0	45.0	45.0	45.0	45.0	41.3	41.3	36.7	36.7	30.4	30.4	17.5	17.5
66.0	45.0	45.0	45.0	45.0	40.8	40.8	36.1	36.1	33.9	33.9	28.5	28.5	16.5	16.5
72.0	45.0	45.0	43.3	43.3	36.5	36.5	32.1	32.1	30.0	30.0	26.8	26.8	-	-
78.0	45.0	45.0	36.0	36.0	29.4	29.4	25.2	25.2	23.1	23.1	22.3	22.3	-	-
84.0	37.6	37.6	28.6	28.6	23.4	23.4	19.9	19.9	18.2	18.2	17.6	17.6	-	-
90.0	30.5	30.5	23.2	23.2	18.9	18.9	16.0	16.0	-	-	-	-	-	-
96.0	25.1	25.1	19.0	19.0	-	-	-	-	-	-	-	-	-	-
108.0	17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-

Chart #3
Rating for units with 36 inches transom height (psf)

Window Height (in)	Frame widht (in)													
	36.0		48.0		60.0		72.0		80.0		84.0		96.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	43.2	43.2	24.9	24.9
30.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	42.4	42.4	39.3	39.3	22.6	22.6
36.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	39.7	39.7	36.1	36.1	20.7	20.7
42.0	45.0	45.0	45.0	45.0	45.0	45.0	43.2	43.2	37.6	37.6	33.4	33.4	19.2	19.2
48.0	45.0	45.0	45.0	45.0	45.0	45.0	41.1	41.1	35.8	35.8	31.2	31.2	17.9	17.9
54.0	45.0	45.0	45.0	45.0	45.0	45.0	39.1	39.1	34.2	34.2	29.2	29.2	16.8	16.8
60.0	45.0	45.0	45.0	45.0	45.0	45.0	37.3	37.3	32.7	32.7	27.4	27.4	-	-
66.0	45.0	45.0	45.0	45.0	40.8	40.8	35.7	35.7	31.3	31.3	25.9	25.9	-	-
72.0	45.0	45.0	43.3	43.3	36.5	36.5	32.1	32.1	30.0	30.0	24.5	24.5	-	-
78.0	45.0	45.0	36.0	36.0	29.4	29.4	25.2	25.2	23.1	23.1	22.3	22.3	-	-
84.0	37.6	37.6	28.6	28.6	23.4	23.4	19.9	19.9	18.2	18.2	17.6	17.6	-	-
90.0	30.5	30.5	23.2	23.2	18.9	18.9	16.0	16.0	-	-	-	-	-	-
96.0	25.1	25.1	19.0	19.0	-	-	-	-	-	-	-	-	-	-
108.0	17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-



200/275 VINYL TWIN PICTURE WINDOW W/TRANSOM

EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS #1, #2 & #3 THIS SHEET

NOTES:
1. *TRANSOM D.L.O.: 74 1/4" X 30 3/4"*
2. *FIXED D.L.O.: 34 3/4" X 66 3/4"*

SIGNED: 08/05/2026

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

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
ELEVATION

DRAWN:	DWG NO.	REV
A.R.	08-03642	A
SCALE NTS	DATE 12/01/2020	SHEET 2 OF 6

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			
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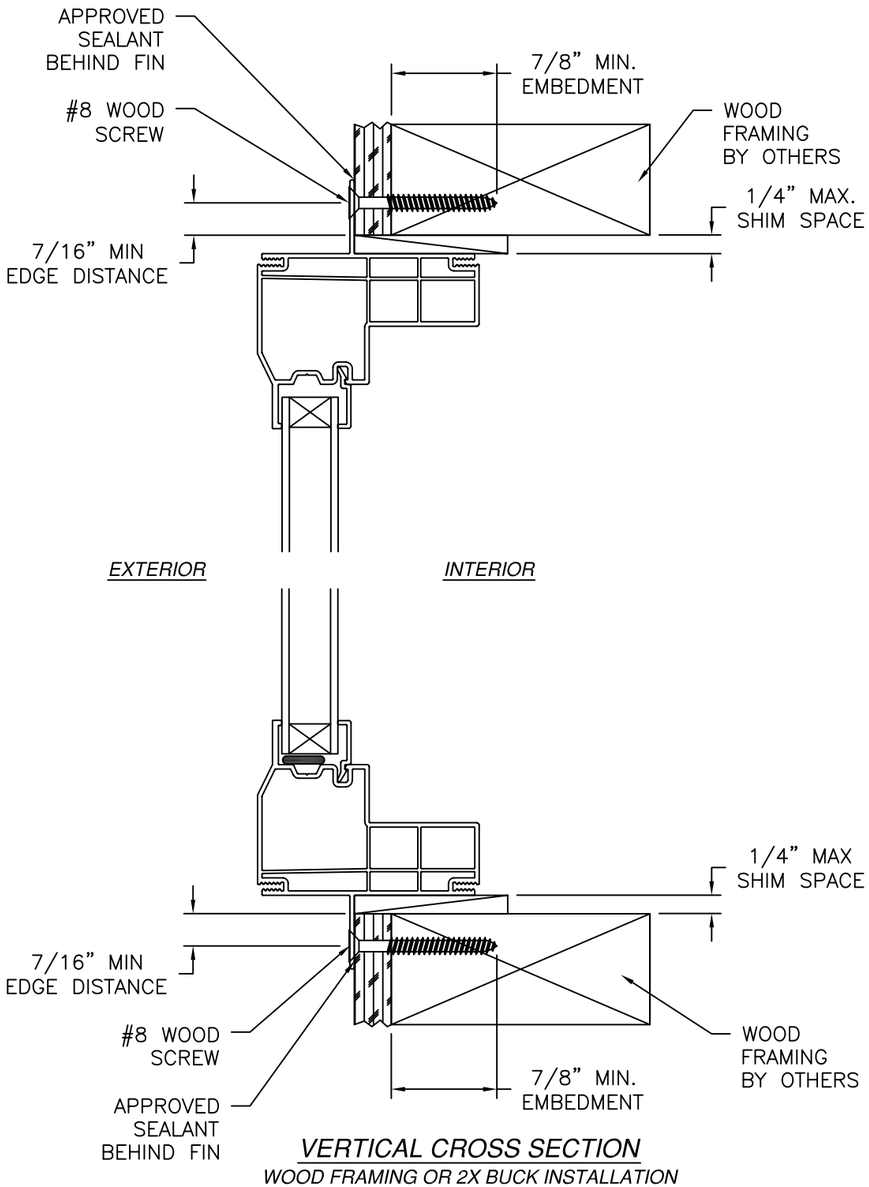
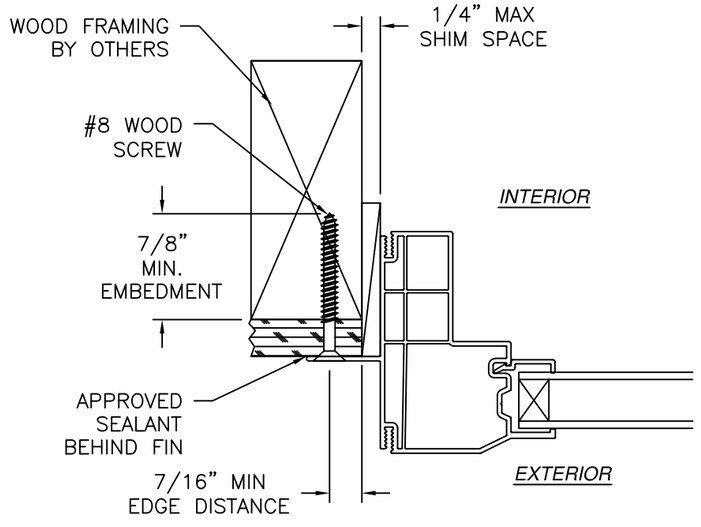
A	REVISED PER NEW REQUIREMENTS	03/15/2023	R.L.



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: 08/05/2026

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3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
A.R.	08-03642	A

SCALE	DATE	SHEET
NTS	12/01/2020	3 OF 6

L. ROBERTO LOMAS P.E.
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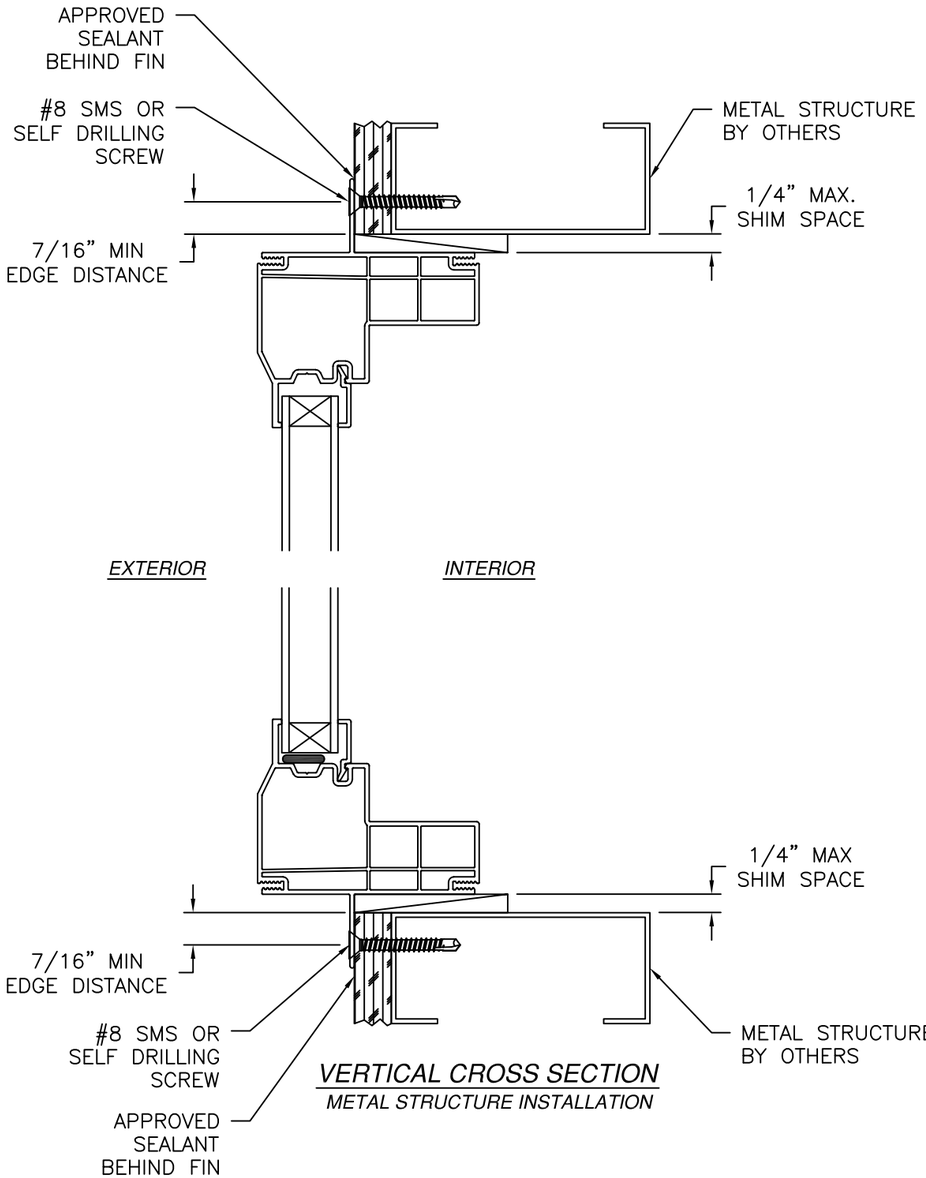
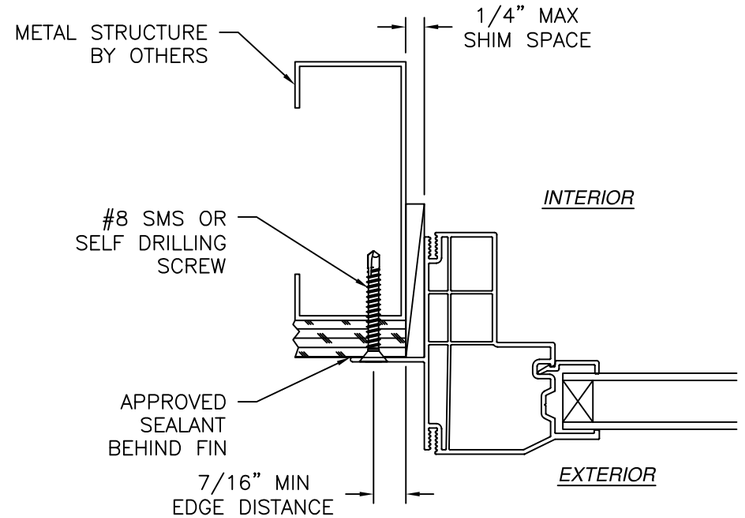


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:
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2. *PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112*

SIGNED: 08/05/2026

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3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
A.R.	08-03642	A
SCALE NTS	DATE 12/01/2020	SHEET 4 OF 6

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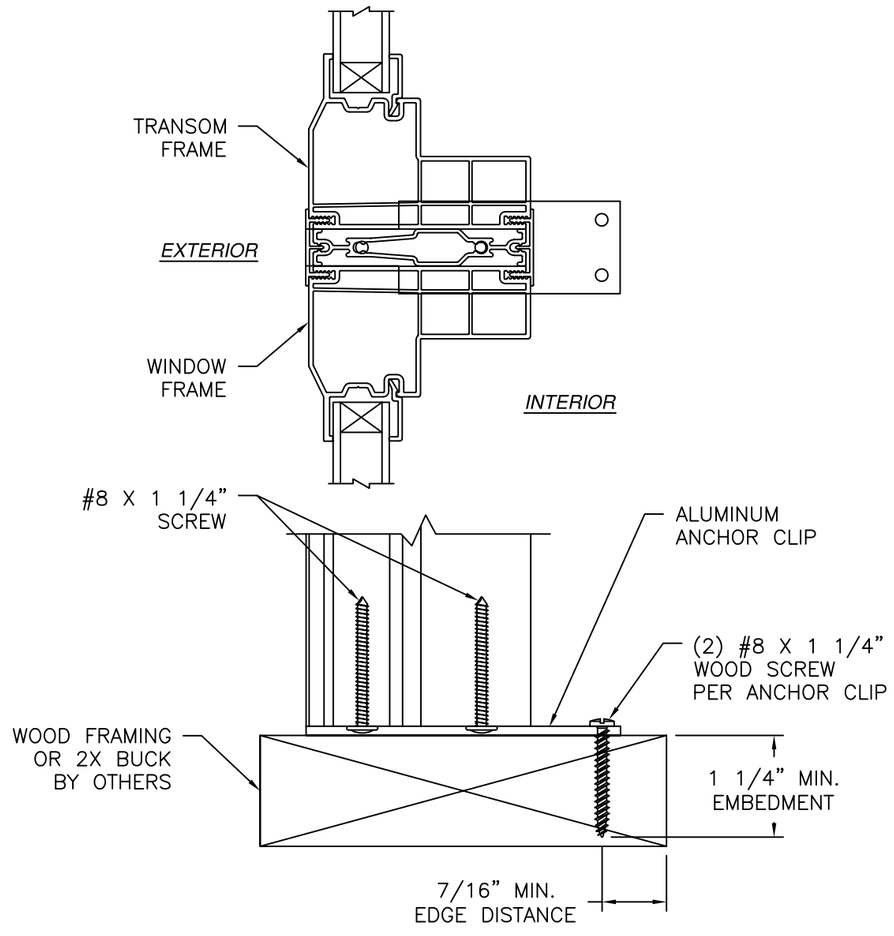
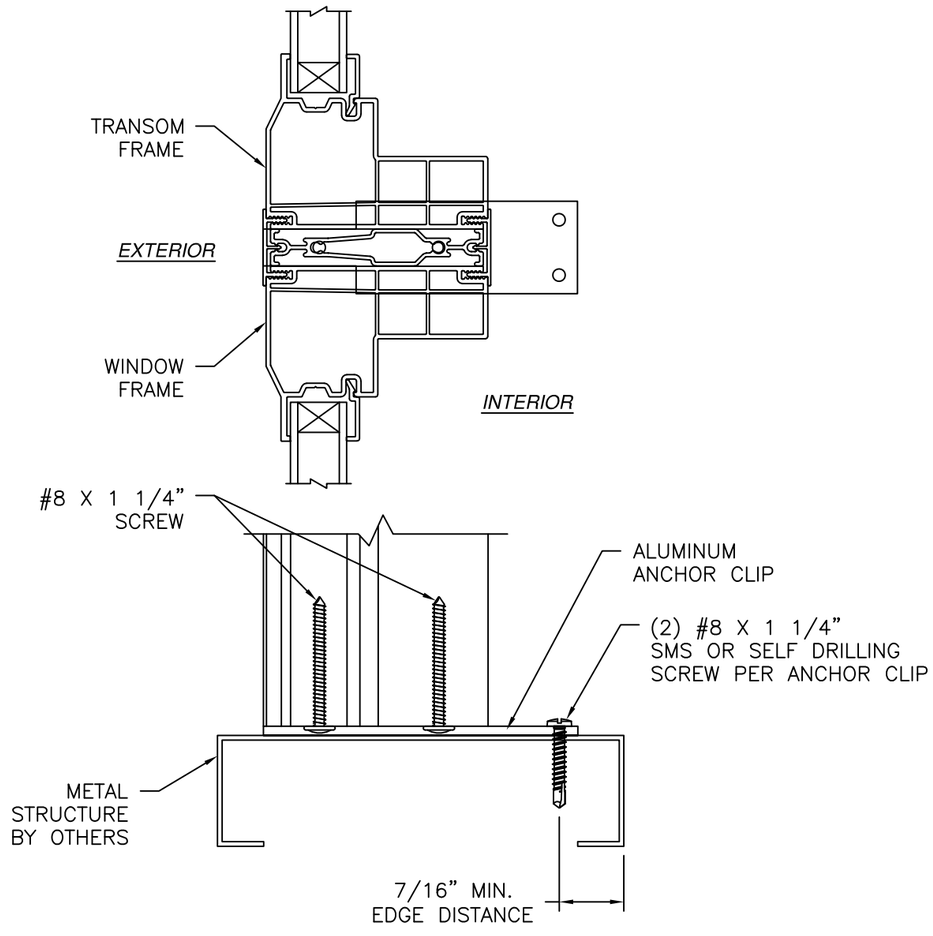


HORIZONTAL MULLION ANCHOR CLIP DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



HORIZONTAL MULLION ANCHOR CLIP DETAIL
METAL STRUCTURE INSTALLATION

NOTES:
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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
DALLAS, TX 75212

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
A.R.	08-03642	A
SCALE NTS	DATE 12/01/2020	SHEET 5 OF 6

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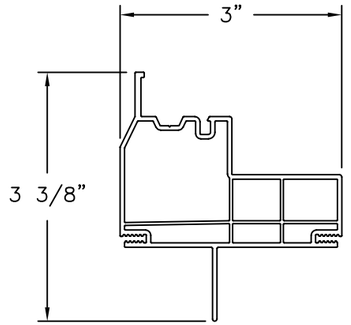
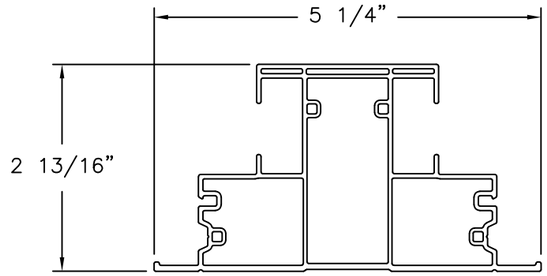
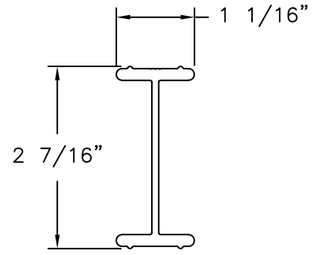


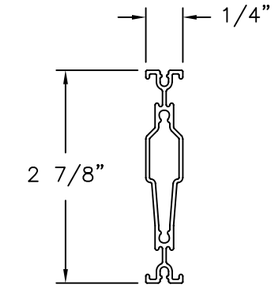
MAIN FRAME (CH9201A)
FIN INSTALLATION
EXTRUDED RIGID PVC



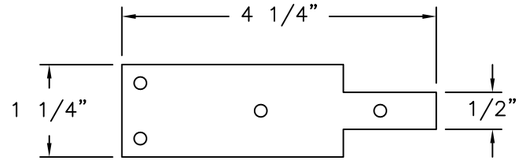
COMMON JAMB (CH9286)
EXTRUDED RIGID PVC



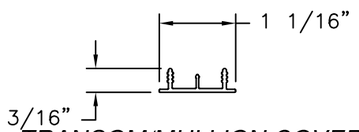
COMMON JAMB
REINFORCEMENT (M-14868)
ALUMINUM 6063-T5



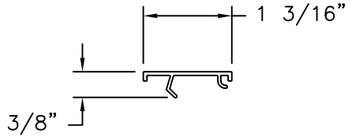
TRANSOM/MULLION
REINFORCEMENT (206)
ALUMINUM 6063-T5



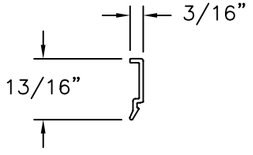
ANCHOR CLIP
ALUMINUM 6061-T6



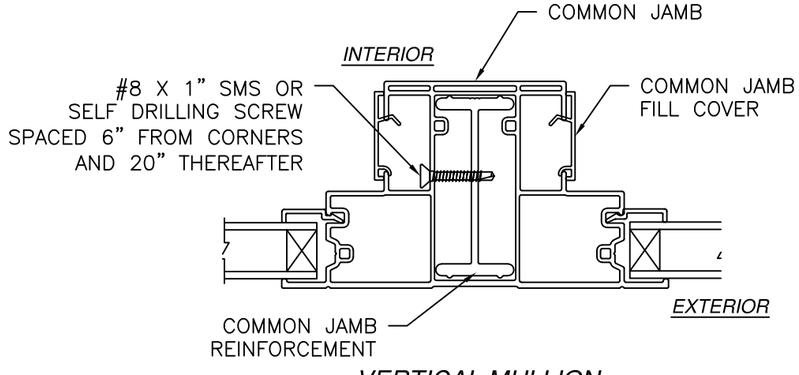
TRANSOM/MULLION COVER
EXTRUDED RIGID PVC



COMMON JAMB (037-R)
FILL COVER
EXTRUDED RIGID PVC



GLAZING BEAD (1703-R)
EXTRUDED RIGID PVC



VERTICAL MULLION

SIGNED: 08/05/2026

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

200/275 VINYL TWIN PICTURE WINDOW
W/TRANSOM CHS NON-IMPACT
COMPONENTS

DRAWN:	DWG NO.	REV
A.R.	08-03642	A
SCALE NTS	DATE 12/01/2020	SHEET 6 OF 6

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