

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

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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:
A.R.

DWG NO.
08-03642

REV
A

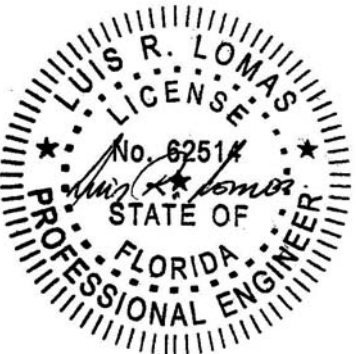
SCALE NTS

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

SIGNED: 10/19/2023



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

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

Window Height (in)	Frame width (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	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	-	-	-	-	-	-	-	-	-	-	-	-

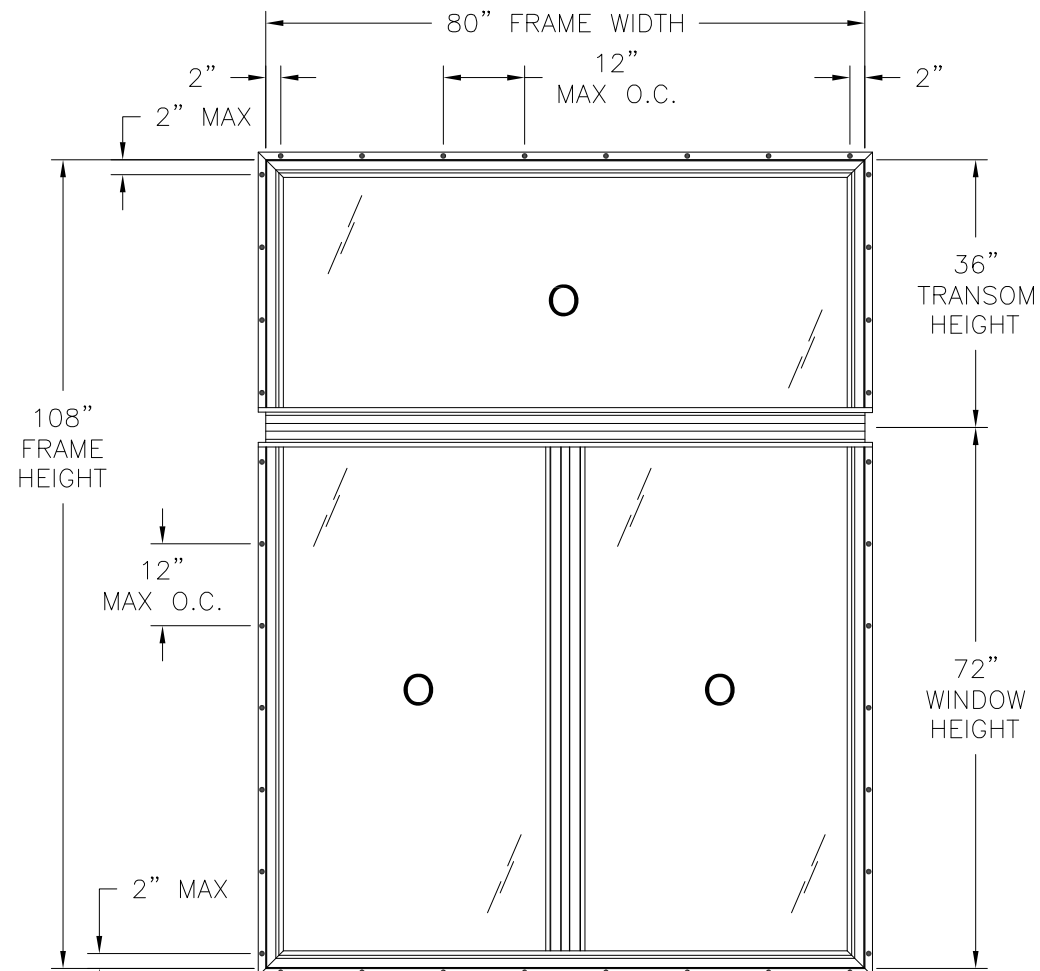
Chart #2
Rating for units with 24 inches transom height (psf)

Window Height (in)	Frame width (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 width (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	-	-	-	-	-	-	-	-	-	-	-	-

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

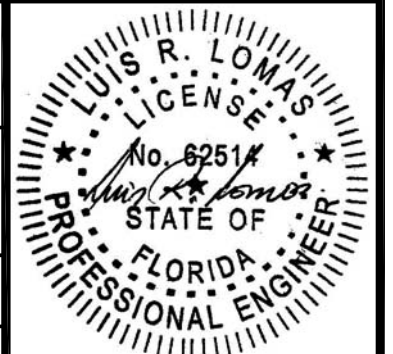
200/275 VINYL TWIN PICTURE WINDOW W/TRANSOM
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

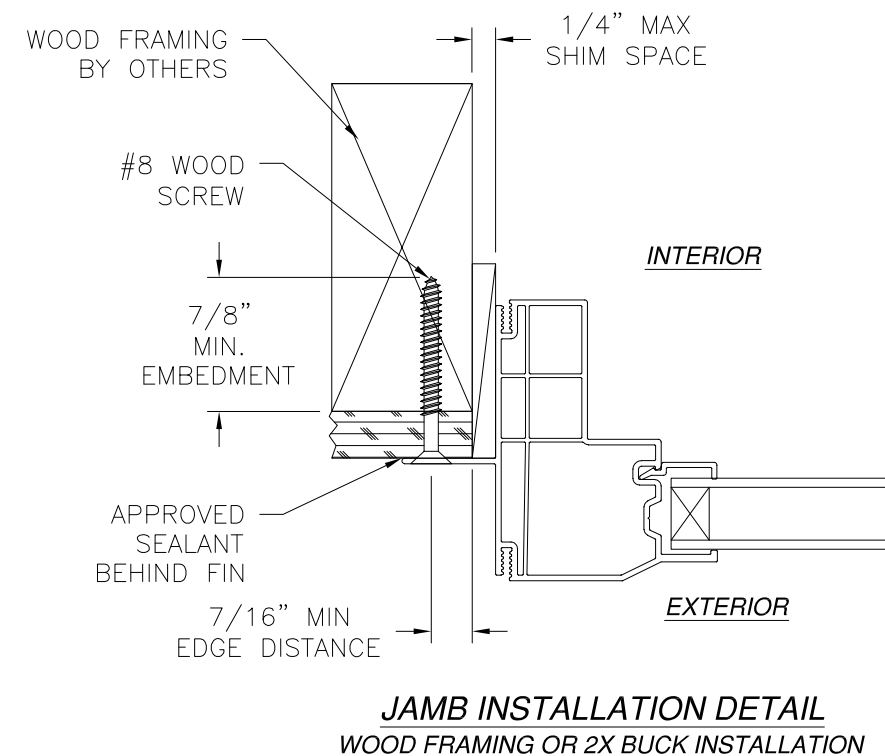
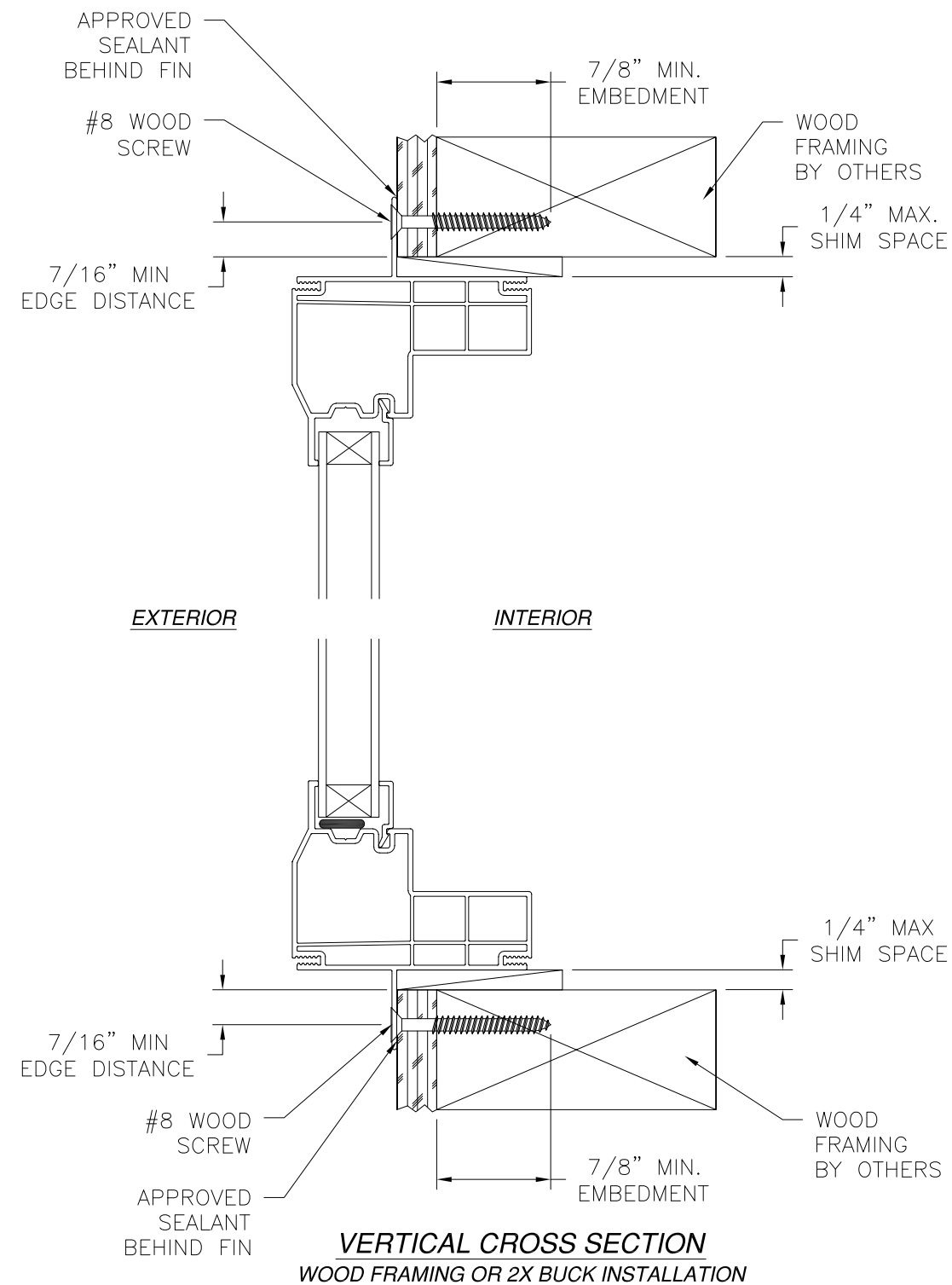
FOR ADDITIONAL SIZES SEE CHARTS #1, #2 & #3 THIS SHEET

SIGNED: 10/19/2023

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: A.R.	DWG NO. 08-03642	REV A
SCALE NTS	DATE 12/01/2020	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



- 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

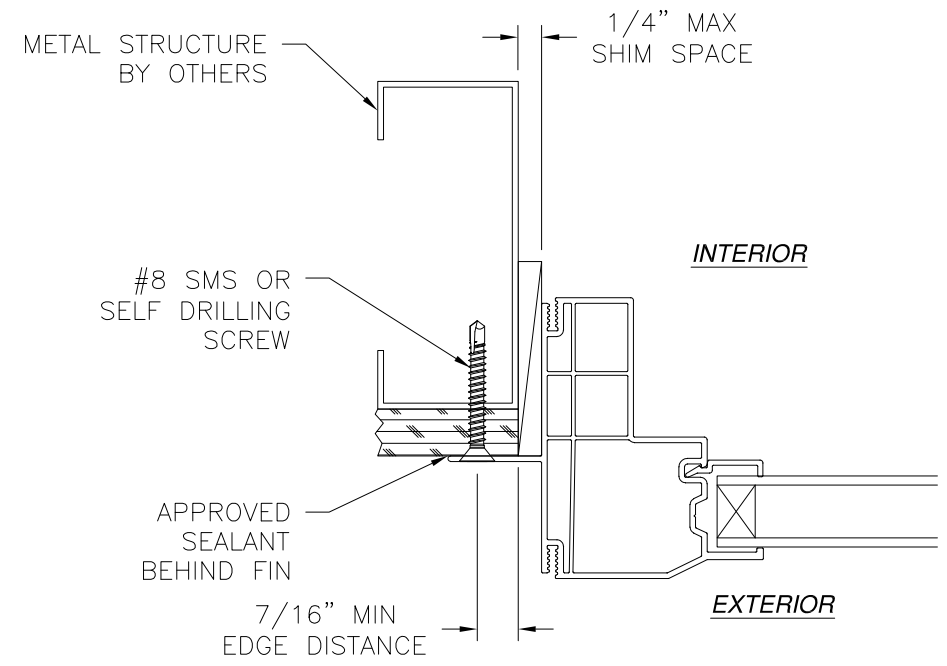
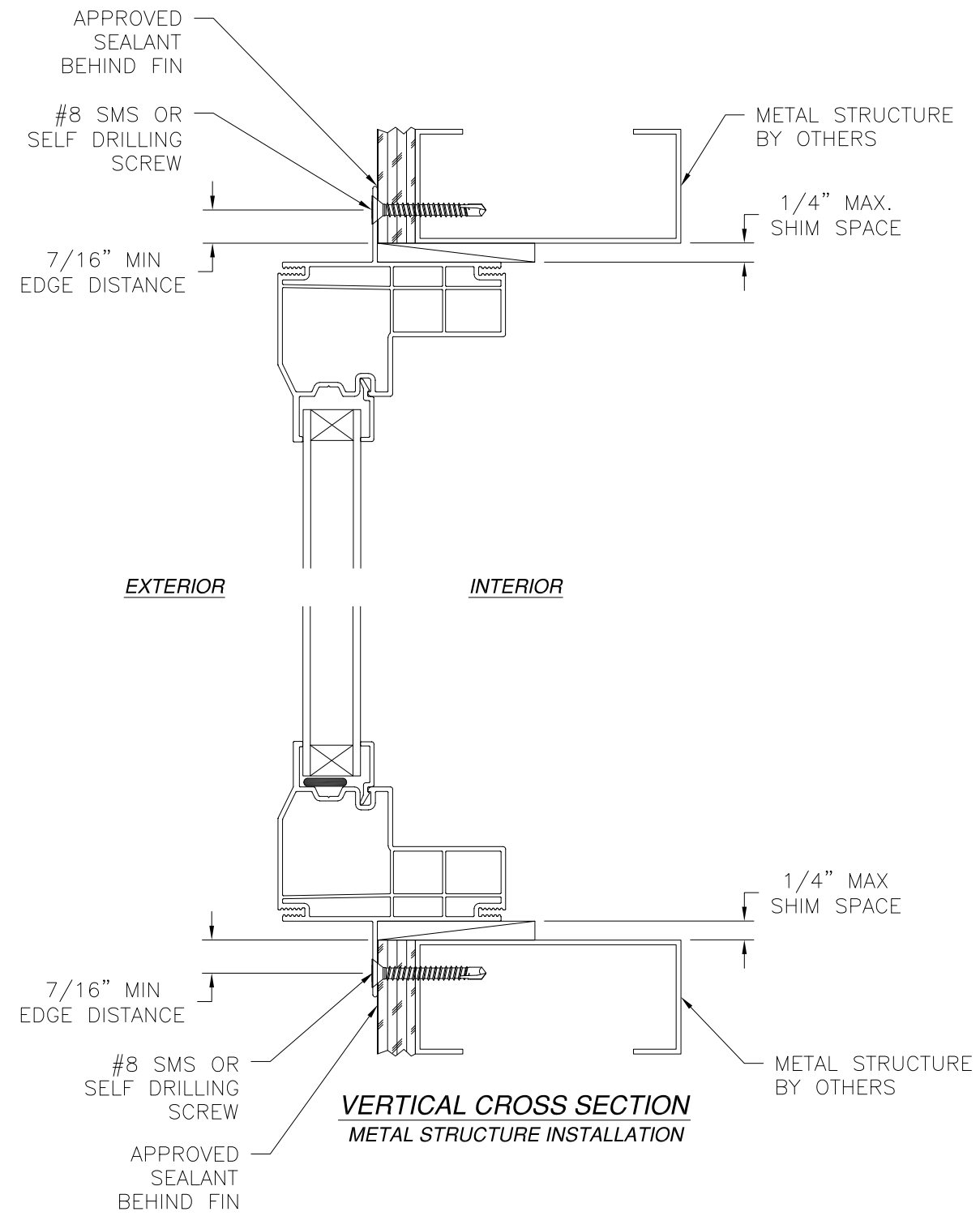
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200/275 VINYL TWIN PICTURE WINDOW W/TRANSOM CHS NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03642	REV A
SCALE NTS	DATE 12/01/2020	SHEET 3 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

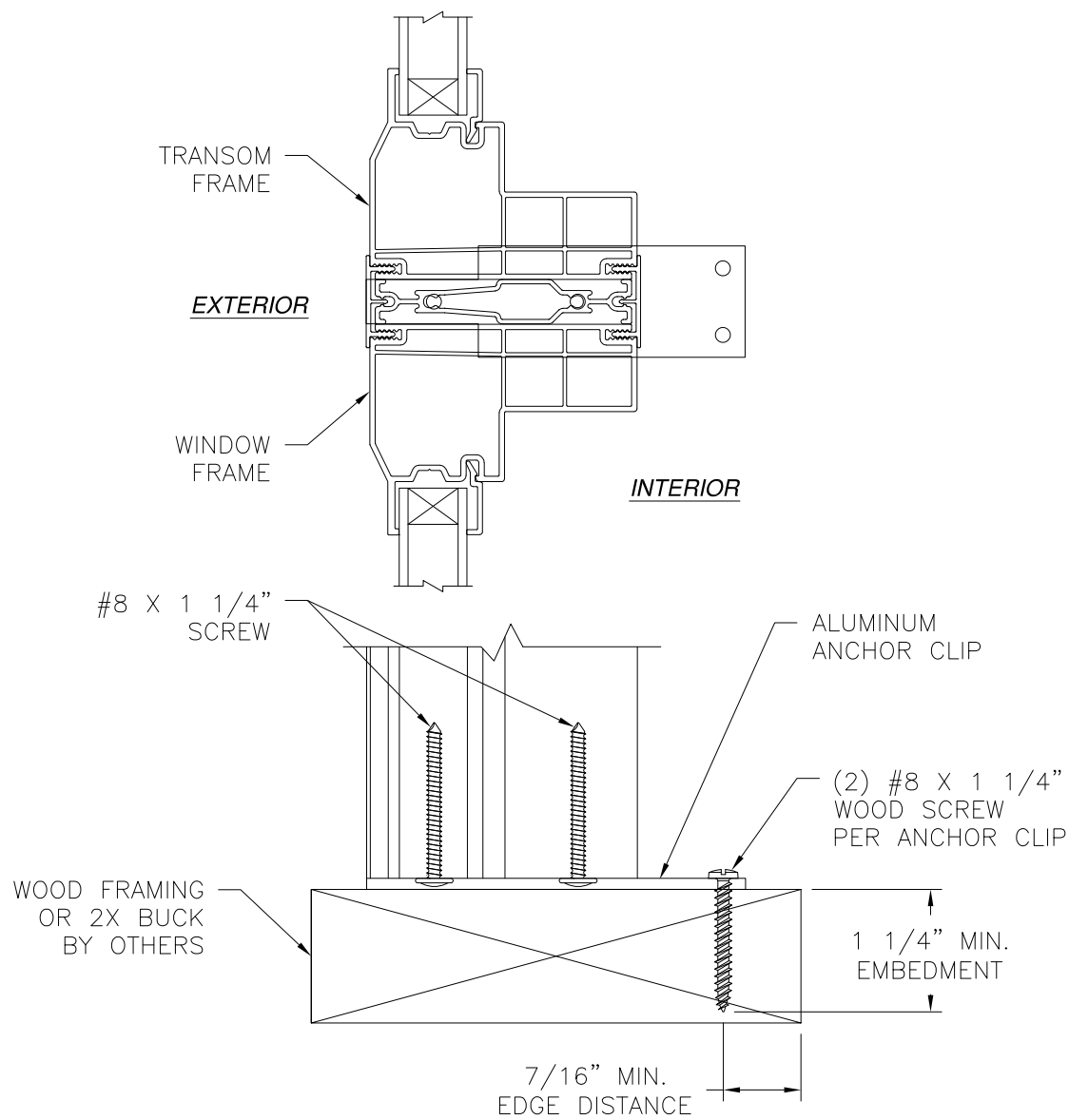
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 10/19/2023

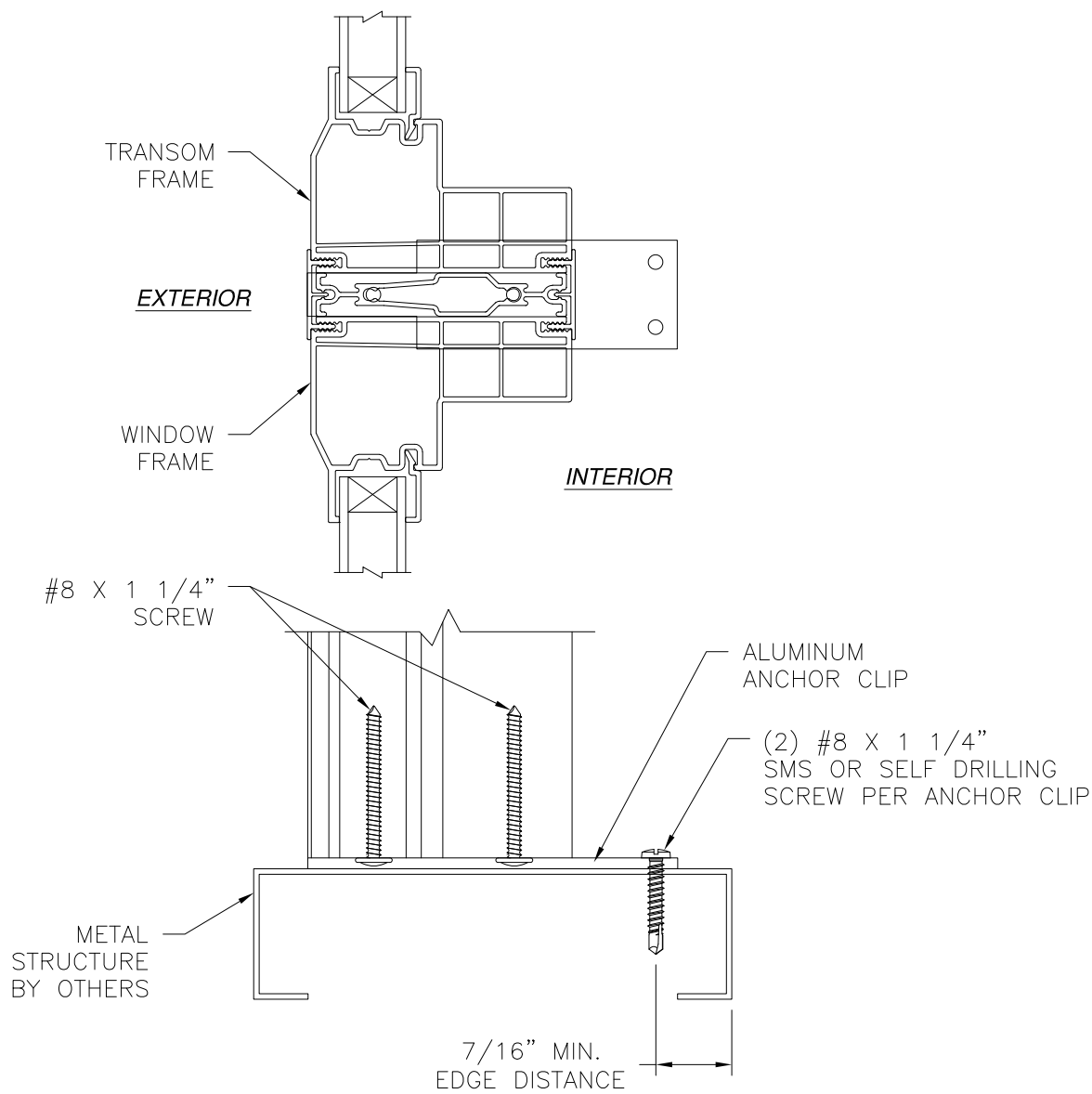
KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
200/275 VINYL TWIN PICTURE WINDOW W/TRANSOM CHS NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03642	REV A
SCALE NTS	DATE 12/01/2020	SHEET 4 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

Professional Engineer Seal for Luis R. Lomas, State of Florida, License No. 62514.

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



HORIZONTAL MULLION ANCHOR CLIP DETAIL
METAL STRUCTURE INSTALLATION

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

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:
A.R.

DWG NO.
08-03642

REV
A

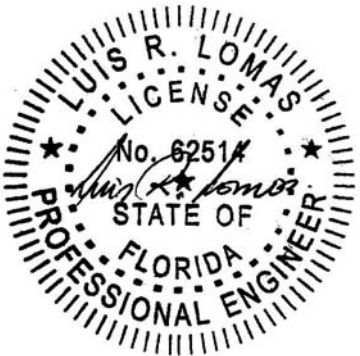
SCALE
NTS

DATE
12/01/2020

SHEET
5 OF 6

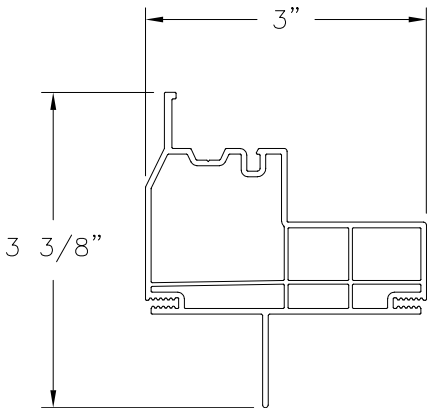
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SIGNED: 10/19/2023

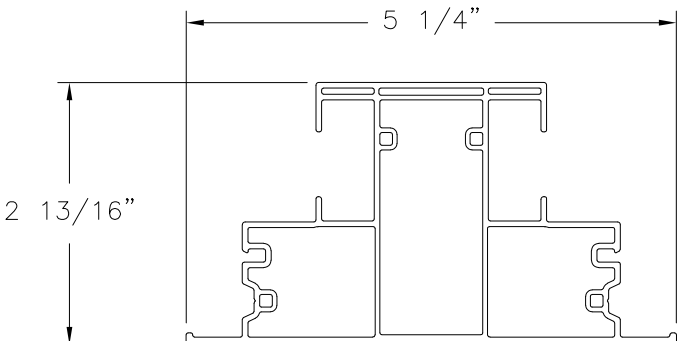


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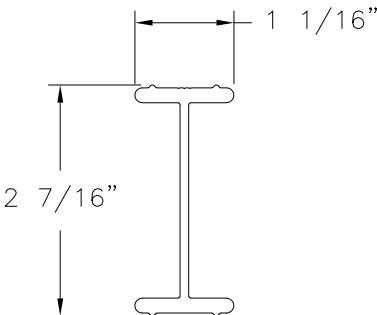
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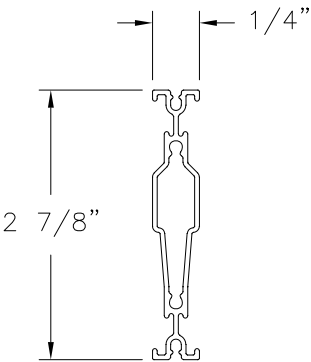
MAIN FRAME (CH9201A)
FIN INSTALLATION
EXTRUDED RIGID PVC



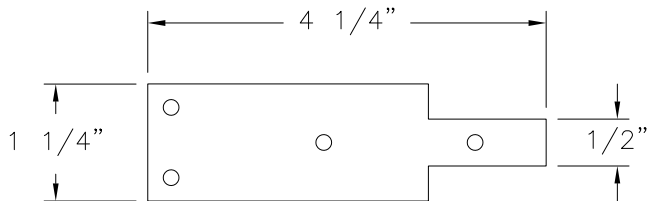
COMMON JAMB (CH9286)
EXTRUDED RIGID PVC



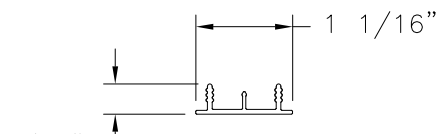
COMMON JAMB REINFORCEMENT (M-14868)
ALUMINUM 6063-T5



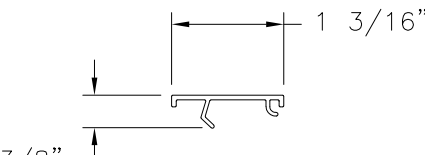
TRANSOM/MULLION REINFORCEMENT (206)
ALUMINUM 6063-T5



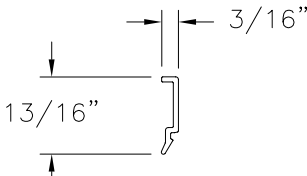
ANCHOR CLIP
ALUMINUM 6061-T6



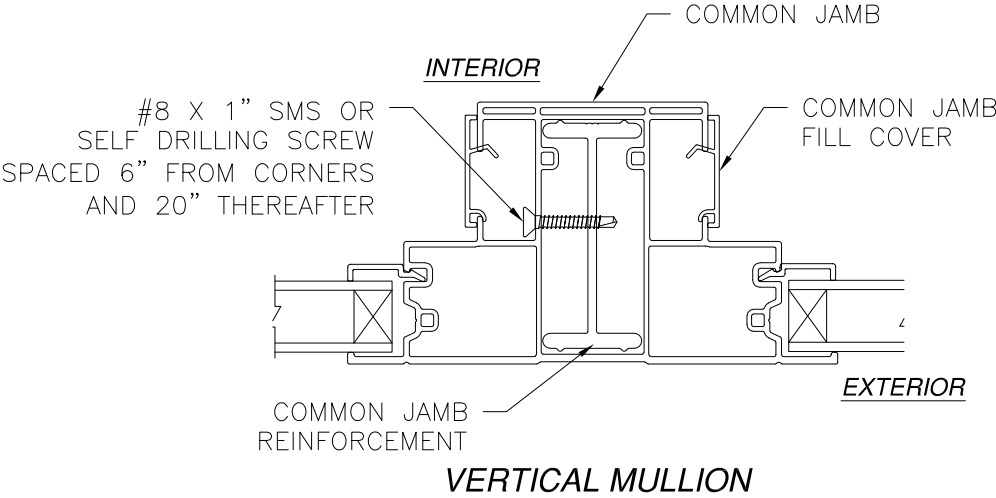
TRANSOM/MULLION COVER
EXTRUDED RIGID PVC



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



GLAZING BEAD (1703-R)
EXTRUDED RIGID PVC



VERTICAL MULLION

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: A.R.	DWG NO. 08-03642	REV A
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L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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