

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 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. 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 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”.
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 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.
14. 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.
15. 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.
16. 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:

16.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

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

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

16.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125” THICK MINIMUM

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

220 VINYL SINGLE HUNG WINDOW
NON-IMPACT 44” X 72”
NOTES

DRAWN:
A.R.

DWG NO.
08-03931

REV
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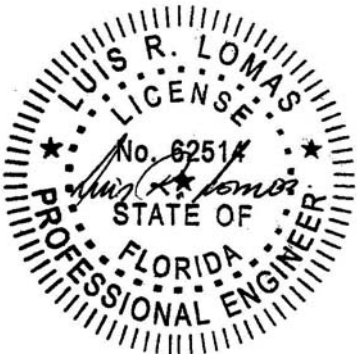
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DATE 6/21/2023

SHEET 1 OF 6

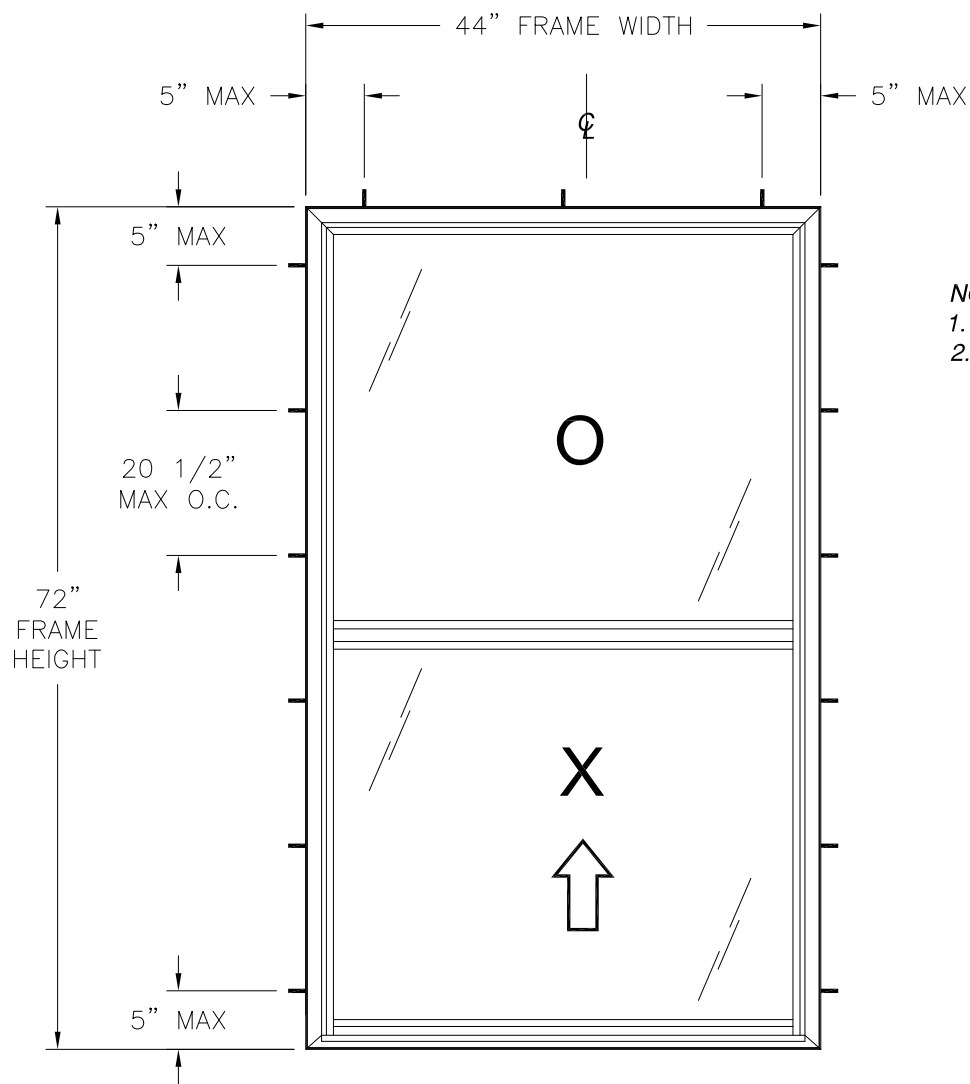
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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/19/2023



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

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- NOTES:
- SASH SIZE: 42 3/8" X 34 5/8"
 - D.L.O. SIZE: 38 5/8" X 32"

Chart #1
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	30.00		36.00		42.00		44.00		48.00		54.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	62.1	45.1	45.1
30.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	72.1	50.0	50.2	36.4	36.4
36.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	61.2	42.4	42.4	30.7	30.7
42.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	70.6	50.0	53.5	37.0	37.0	26.6	26.6
48.0	50.0	75.0	50.0	75.0	50.0	71.8	50.0	63.6	48.0	48.0	33.0	33.0	23.7	23.7
54.0	50.0	75.0	50.0	75.0	50.0	65.9	50.0	58.5	43.9	43.9	30.0	30.0	-	-
60.0	50.0	75.0	50.0	73.3	50.0	61.6	50.0	54.7	40.8	40.8	-	-	-	-
66.0	50.0	75.0	50.0	66.7	50.0	57.1	50.0	51.9	38.4	38.4	-	-	-	-
72.0	50.0	73.3	50.0	61.1	50.0	52.4	50.0	50.0	-	-	-	-	-	-
78.0	50.0	67.7	50.0	56.4	-	-	-	-	-	-	-	-	-	-
84.0	50.0	62.9	50.0	52.4	-	-	-	-	-	-	-	-	-	-
90.0	50.0	58.7	-	-	-	-	-	-	-	-	-	-	-	-
96.0	50.0	55.0	-	-	-	-	-	-	-	-	-	-	-	-
102.0	50.0	51.8	-	-	-	-	-	-	-	-	-	-	-	-

220 VINYL SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR OTHER SIZES APPROVED. SEE CHART #1, THIS SHEET

HARDWARE SCHEDULE	
A.	PVC CAM ACTION LOCKS, 4" FROM EACH END OF SASH TOP RAIL
B.	PVC SPRING LOADED TILT LATCH AT EACH END OF SASH TOP RAIL
C.	METALLIC PIVOT BAR AT EACH END OF SASH BOTTOM RAIL
D.	ALUMINUM REINFORCEMENT (10635) IN FIXED INTERLOCK
E.	ALUMINUM REINFORCEMENT (731-A) IN SASH STILES
F.	ALUMINUM REINFORCEMENT (11175 WITH 731-A) IN T-MULLION

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

220 VINYL SINGLE HUNG WINDOW
NON-IMPACT 44" X 72"
ELEVATION

DRAWN:
A.R.

DWG NO.
08-03931

REV
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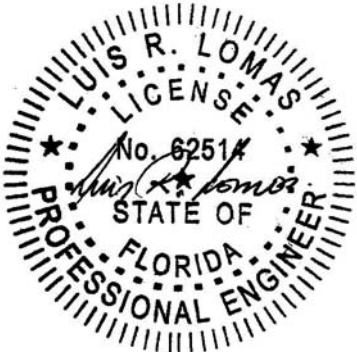
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NTS

DATE
6/21/2023

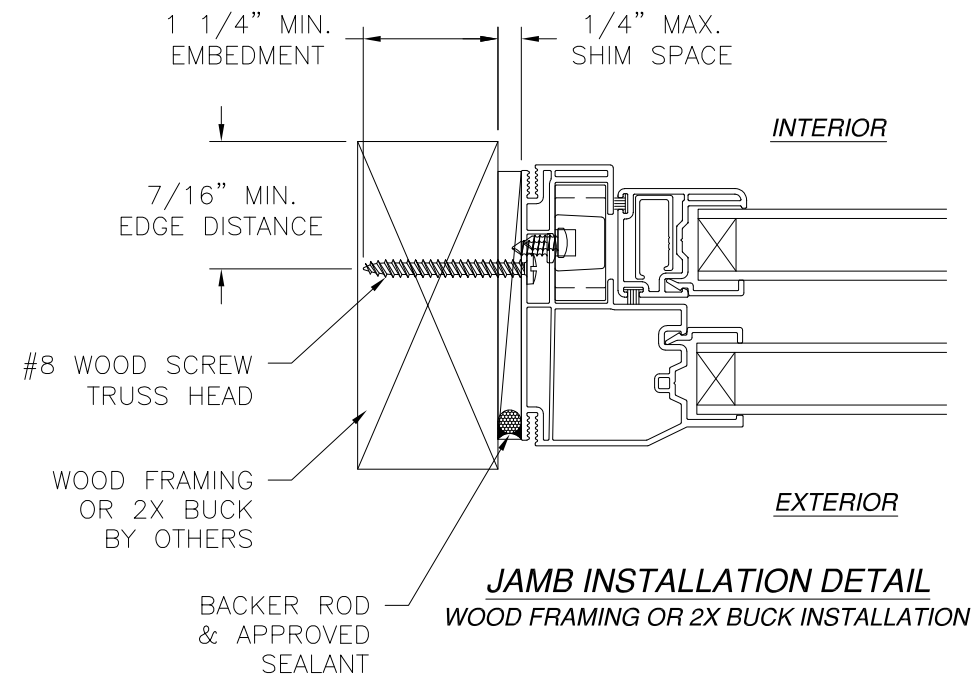
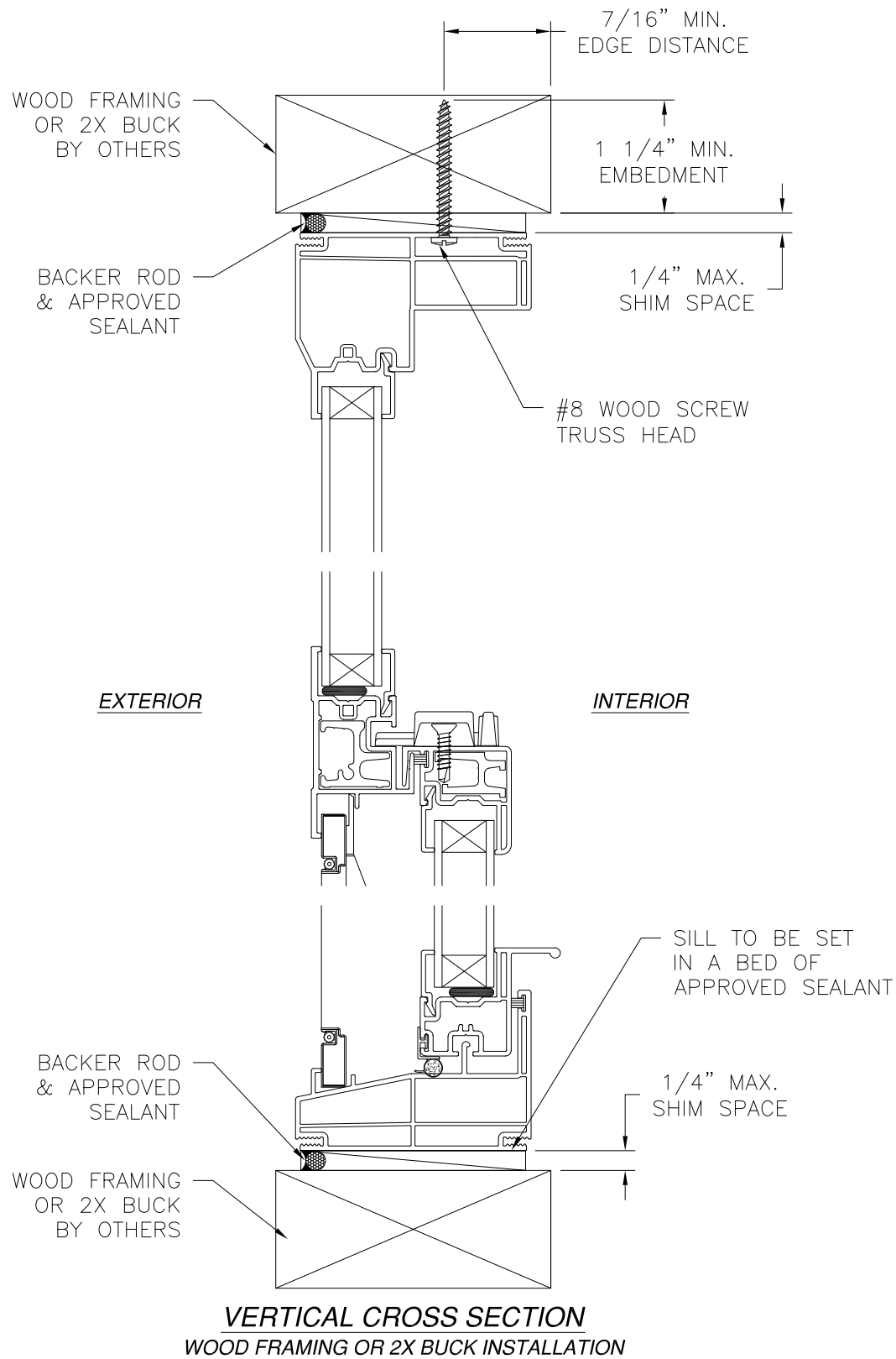
SHEET
2 OF 6

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FL No.: 62514



NOTES:

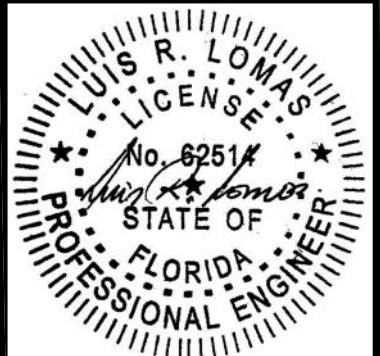
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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

220 VINYL SINGLE HUNG WINDOW
NON-IMPACT 44" X 72"
INSTALLATION DETAILS

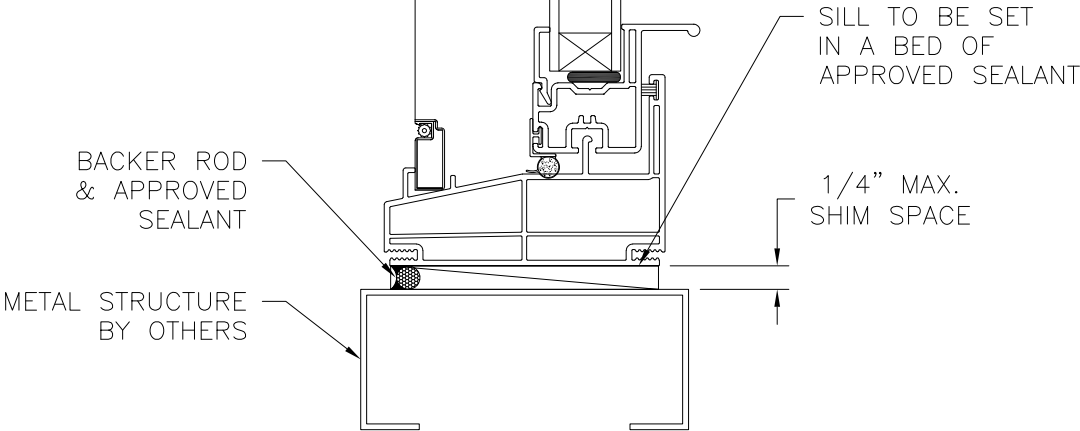
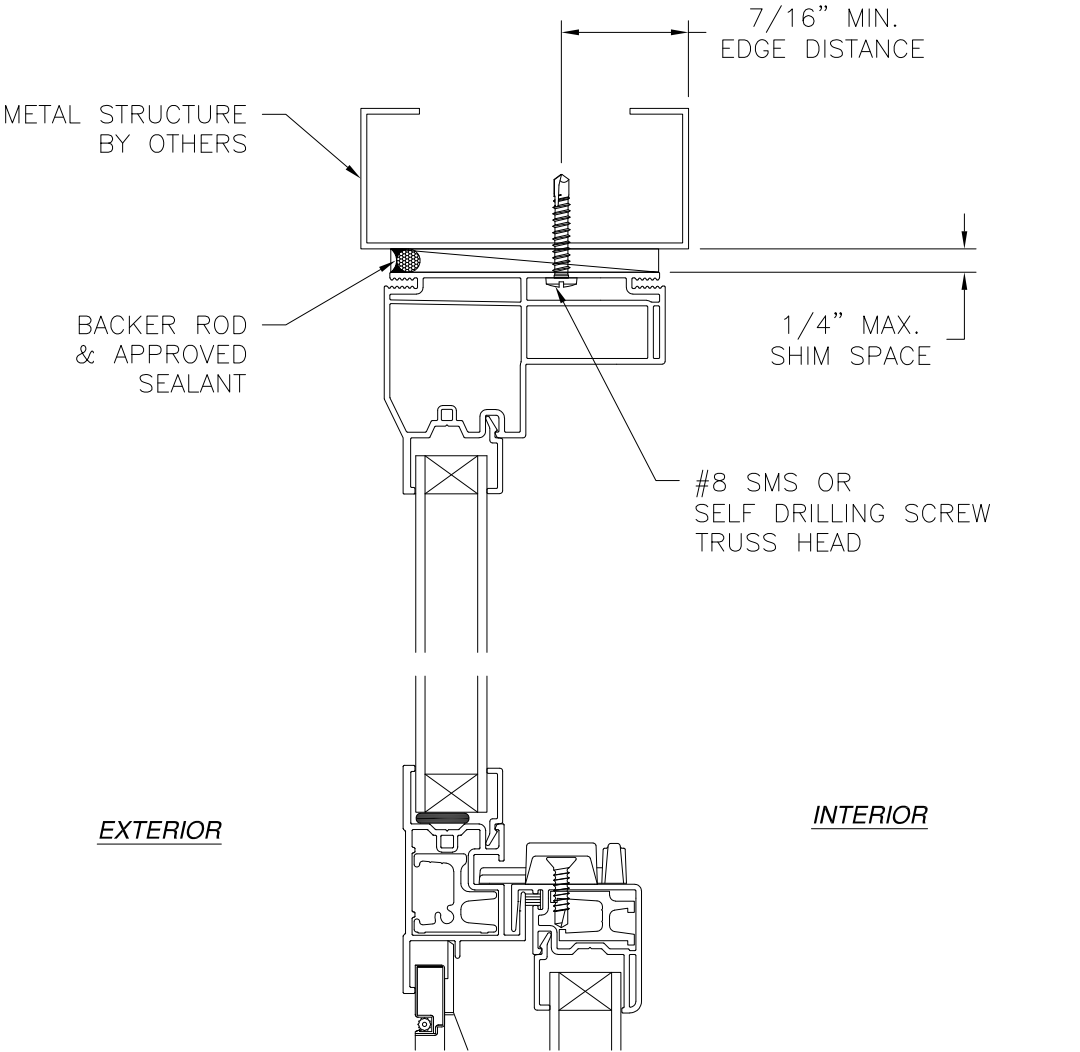
DRAWN: A.R.	DWG NO. 08-03931	REV -
SCALE NTS	DATE 6/21/2023	SHEET 3 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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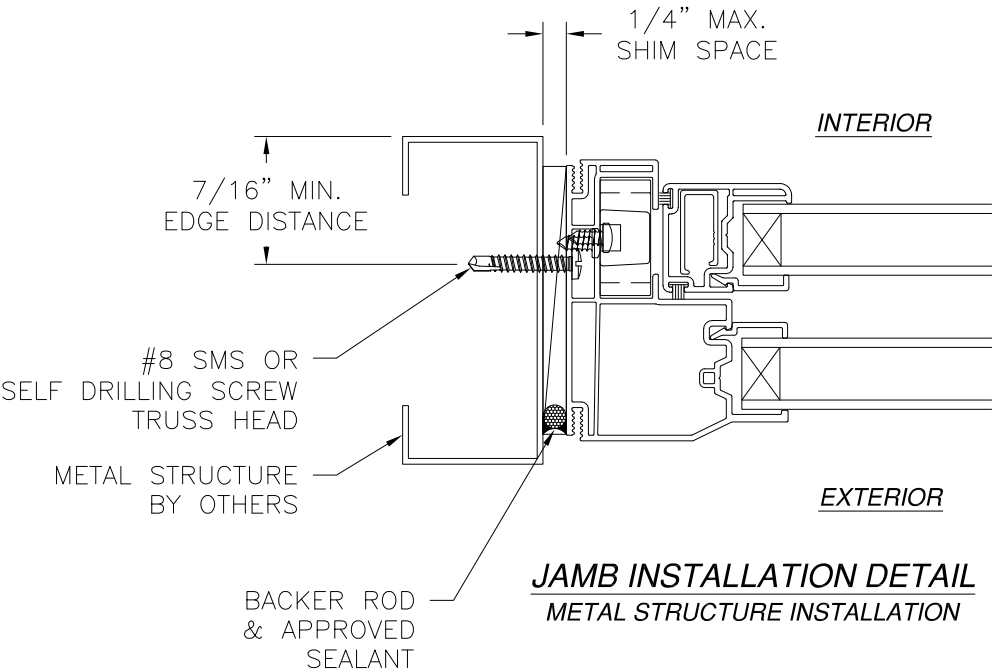


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

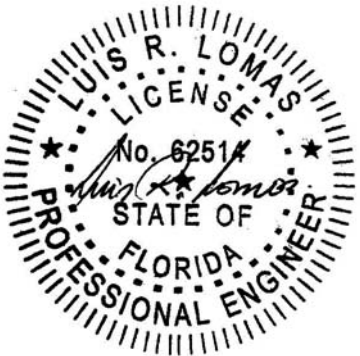


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

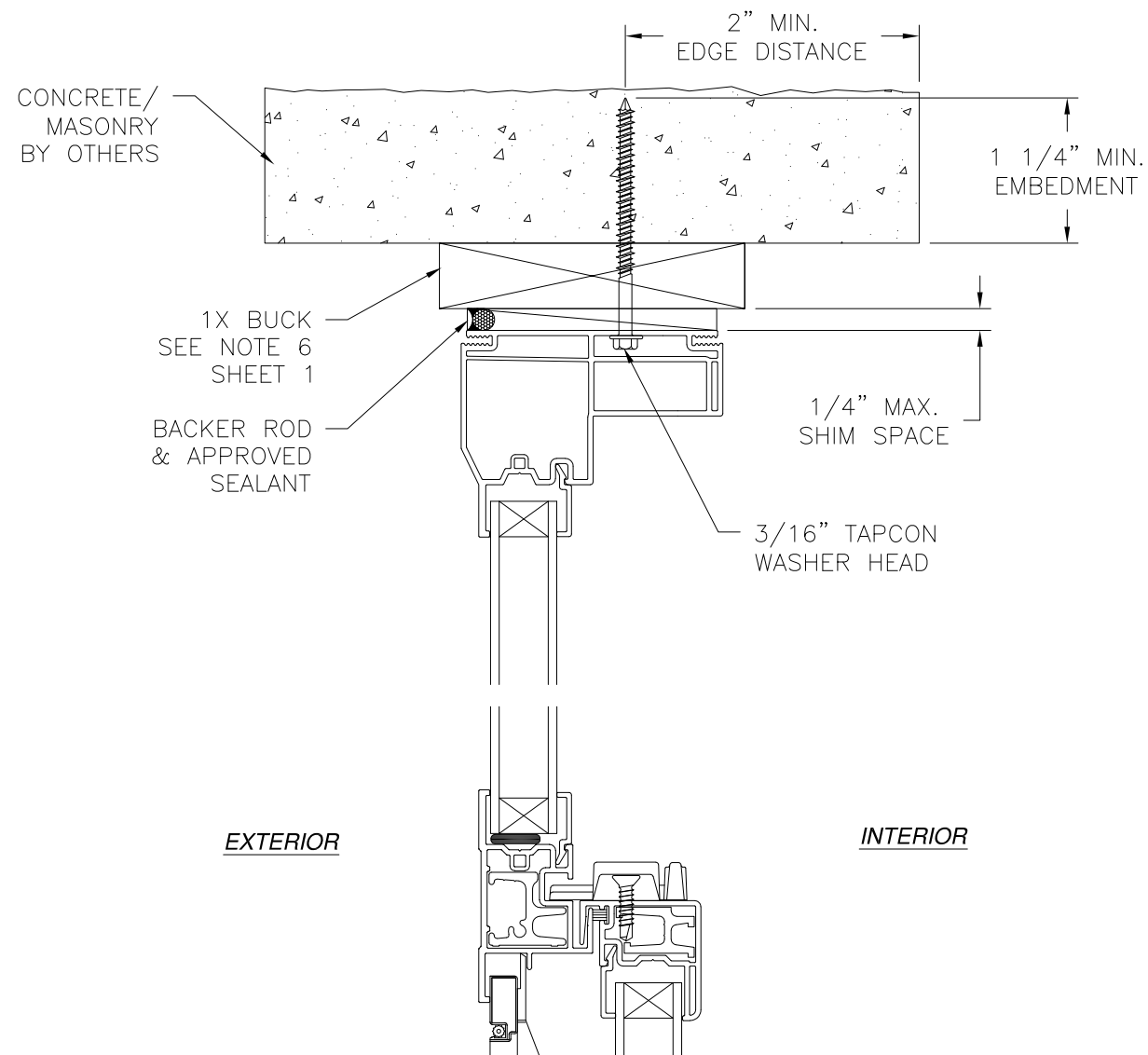
- NOTES:**
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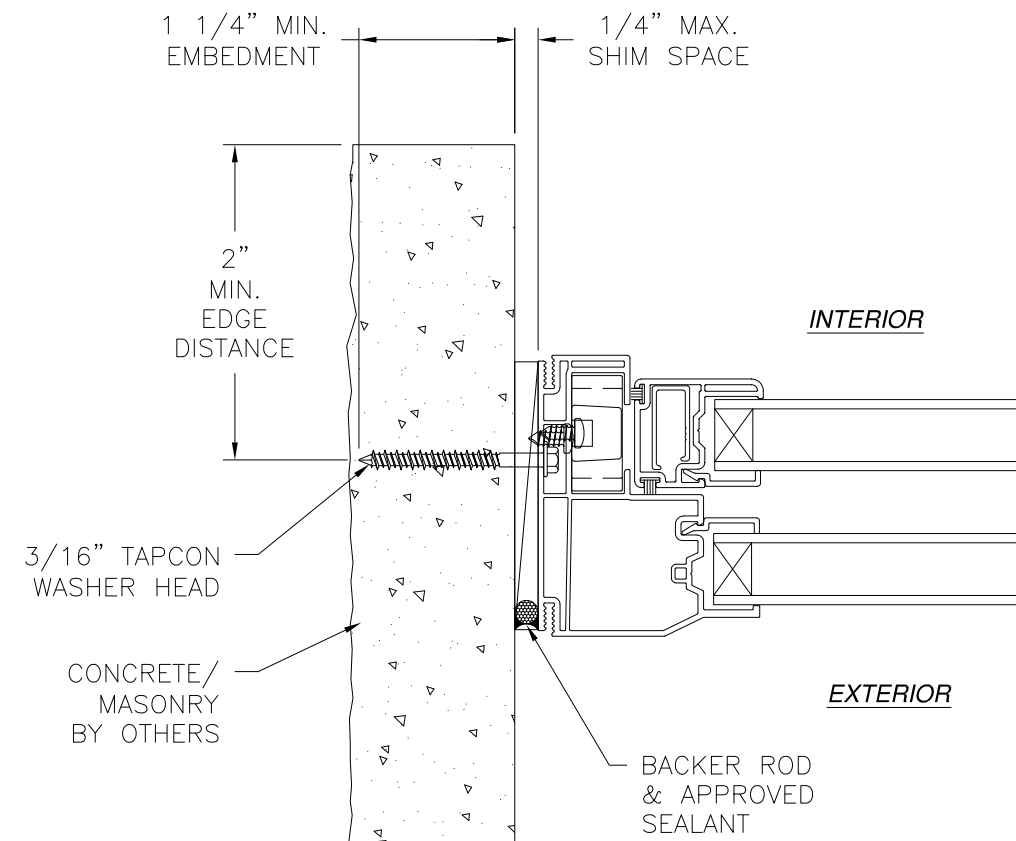
KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
220 VINYL SINGLE HUNG WINDOW NON-IMPACT 44" X 72" INSTALLATION DETAILS		
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



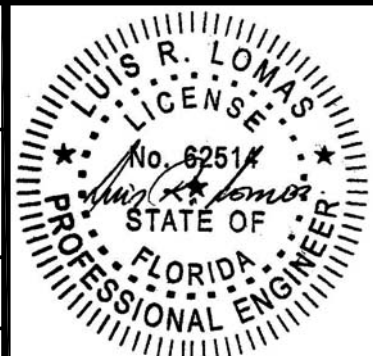
JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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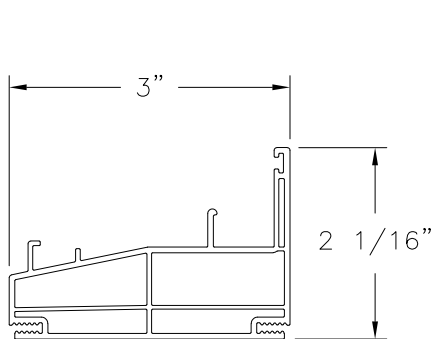
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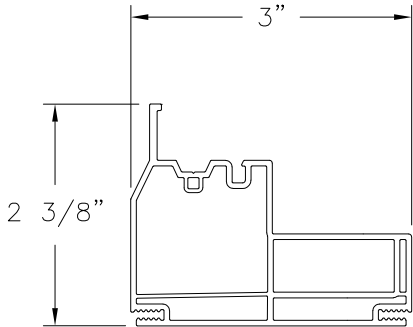


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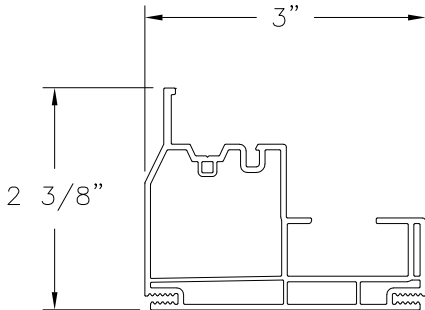
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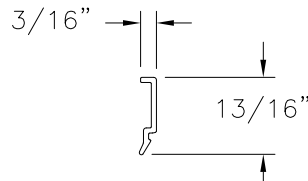
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EXTRUDED RIGID PVC



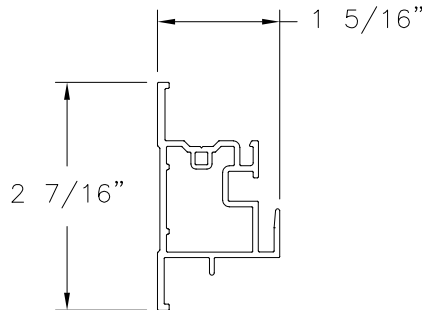
HEAD (9203)
EXTRUDED RIGID PVC



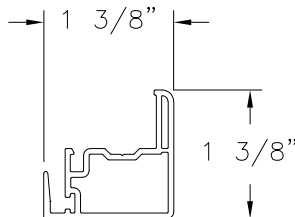
JAMB (9203)
EXTRUDED RIGID PVC



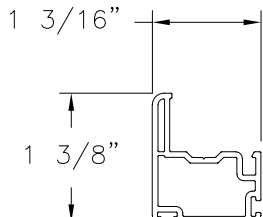
GLAZING BEAD
EXTRUDED RIGID PVC



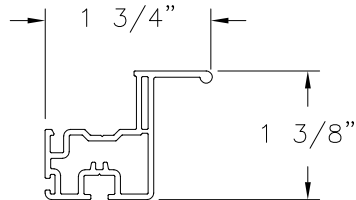
MEETING RAIL (9207)
EXTRUDED RIGID PVC



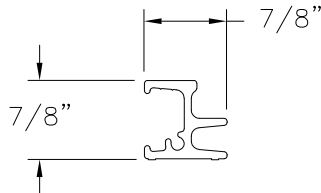
LOCK RAIL (9006)
EXTRUDED RIGID PVC



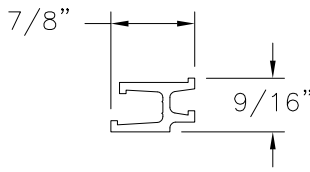
SASH STILE (9008)
EXTRUDED RIGID PVC



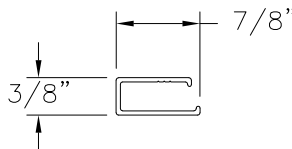
LIFT RAIL (9005)
EXTRUDED RIGID PVC



**MEETING RAIL
REINFORCEMENT (10635)**
ALUMINUM 6005-T5



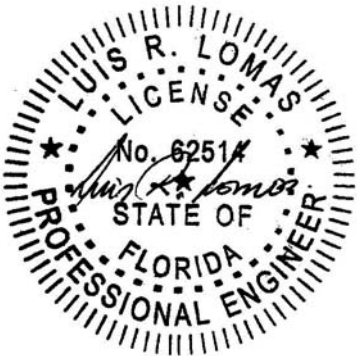
**LOCK RAIL/STILE
REINFORCEMENT (10712)**
ALUMINUM 6005-T5



**SASH STILES
REINFORCEMENT (731-A)**
ALUMINUM 6005-T5

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