

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CURRENT FBC	08/07/26	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
4. SHIM AS NEEDED WITH LOAD BEARING SHIMS. SHIM WHERE SPACE OF 1/16” OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4”.
5. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
6. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
7. FRAME MATERIAL: EXTRUDED RIGID PVC.
8. UNITS MUST BE GLAZED PER ASTM E1300.
9. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. WHEN THE PRODUCT SPECIFIED HEREIN IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, ALL ANCHORS AND CLIPS MUST COMPLY WITH SALTWATER ENVIRONMENT CORROSION RESISTANCE REQUIREMENTS OF FBC CHAPTER 17.
13. 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.

FL 37968

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Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

1531 DOUBLE HUNG WINDOW
48” X 72” NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03663

REV
A

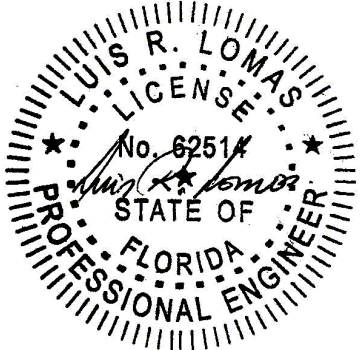
SCALE NTS

DATE 01/14/21

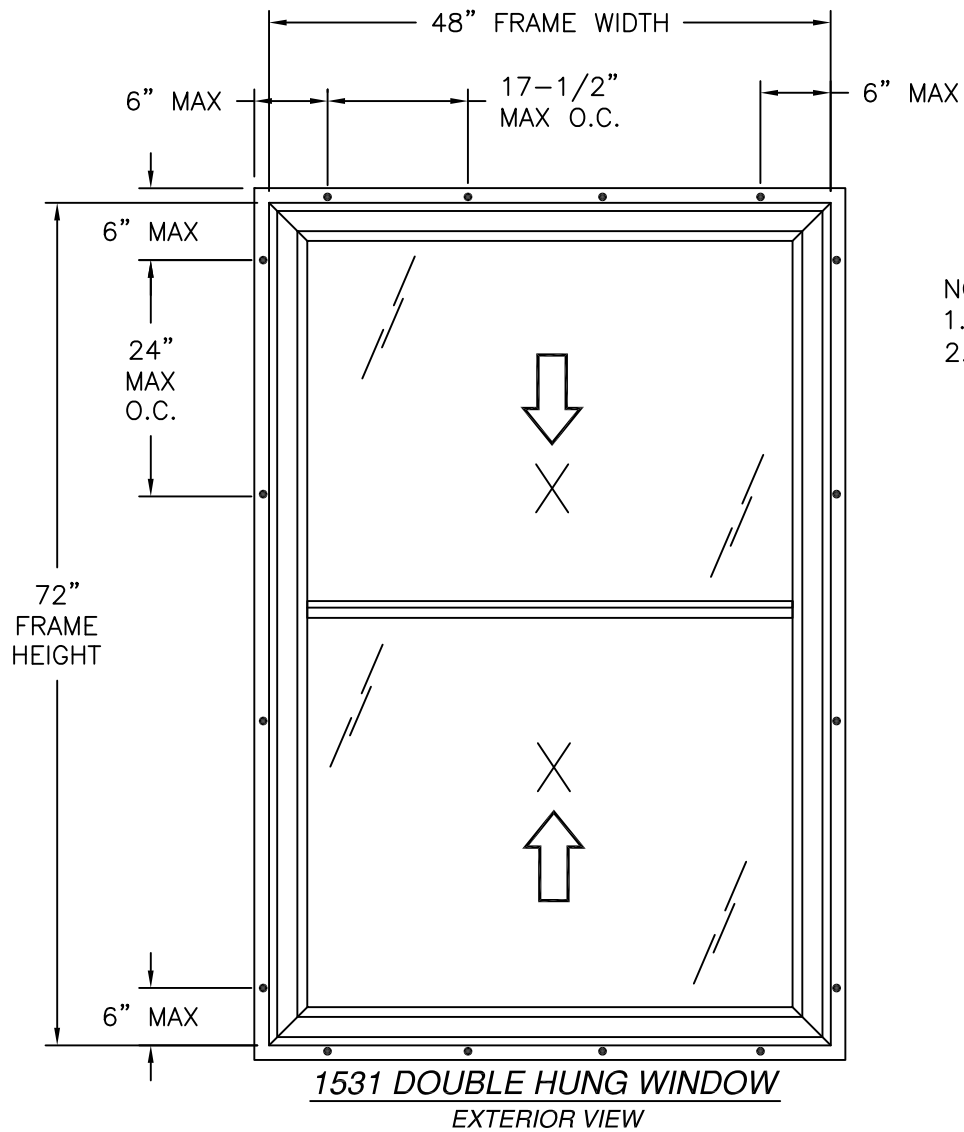
SHEET 1 OF 4

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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/07/2026



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



DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

48" X 72" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 24.0 FT²
SEE CHARTS #1 AND #2, THIS SHEET FOR OTHER SIZES

HARDWARE SCHEDULE	
A.	(2) METAL CAM LOCK AT INTERIOR MEETING RAIL, 8" IN FROM CORNER
B.	(2) METAL KEEPER AT EXTERIOR MEETING RAIL, 8" IN FROM CORNER
C.	(4) METAL PIVOT BAR AT CORNERS OF BOTH INTERIOR AND EXTERIOR SASH
D.	(2) PLASTIC TILT LATCH AT TOP CORNERS OF TOP RAIL OF EXTERIOR SASH
E.	(2) METAL TILT LATCH AT TOP CORNERS OF INTERIOR MEETING RAIL
F.	(2) IMPACT CLIP AT TOP CORNERS OF INTERIOR MEETING RAIL
G.	(4) METAL INTERLOCK AT SILL AND BOTTOM RAIL OF INTERIOR SASH, 14" IN FROM CORNERS
H.	(2) JAMB CLIP AT INTERIOR TRACK OF JAMBS, CENTER
I.	ALUMINUM REINFORCEMENT (10300083 AND 10300082) AT ALL SASH MEMBERS

- NOTES:
- INTERIOR SASH SIZE: 44-3/8" X 35-5/8"
 - D.L.O. SIZE: 43-1/4" X 34-5/8"

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CHART #1

Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	36.00		39.00		42.00		45.00		48.00		51.00		53.00	
	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	75.0	50.0	75.0
30.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	72.5
36.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	69.1	50.0	61.3
42.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	74.5	50.0	68.6	50.0	60.3	50.0	53.5
48.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	68.2	50.0	62.5	50.0	53.9	47.7	47.7
54.0	50.0	75.0	50.0	75.0	50.0	70.2	50.0	63.5	50.0	58.0	49.1	49.1	43.4	43.4
60.0	50.0	75.0	50.0	73.8	50.0	66.7	50.0	60.0	50.0	54.5	45.5	45.5	40.1	40.1
62.0	50.0	75.0	50.0	71.5	50.0	65.7	50.0	59.0	50.0	53.6	44.5	44.5	39.1	39.1
66.0	50.0	72.7	50.0	67.1	50.0	62.3	50.0	57.4	50.0	51.9	42.7	42.7	-	-
72.0	50.0	66.7	50.0	61.5	50.0	57.1	50.0	53.3	50.0	50.0	-	-	-	-
78.0	50.0	61.5	50.0	56.8	50.0	52.7	-	-	-	-	-	-	-	-
84.0	50.0	57.1	50.0	52.7	-	-	-	-	-	-	-	-	-	-
90.0	50.0	53.3	-	-	-	-	-	-	-	-	-	-	-	-
96.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-

Where water penetration resistance is required

CHART #2

Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	36.00		39.00		42.00		45.00		48.00		51.00		53.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.5	72.5
36.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	69.1	69.1	61.3	61.3
42.0	75.0	75.0	75.0	75.0	75.0	75.0	74.5	74.5	68.6	68.6	60.3	60.3	53.5	53.5
48.0	75.0	75.0	75.0	75.0	75.0	75.0	68.2	68.2	62.5	62.5	53.9	53.9	47.7	47.7
54.0	75.0	75.0	75.0	75.0	70.2	70.2	63.5	63.5	58.0	58.0	49.1	49.1	43.4	43.4
60.0	75.0	75.0	73.8	73.8	66.7	66.7	60.0	60.0	54.5	54.5	45.5	45.5	40.1	40.1
62.0	75.0	75.0	71.5	71.5	65.7	65.7	59.0	59.0	53.6	53.6	44.5	44.5	39.1	39.1
66.0	72.7	72.7	67.1	67.1	62.3	62.3	57.4	57.4	51.9	51.9	42.7	42.7	-	-
72.0	66.7	66.7	61.5	61.5	57.1	57.1	53.3	53.3	50.0	50.0	-	-	-	-
78.0	61.5	61.5	56.8	56.8	52.7	52.7	-	-	-	-	-	-	-	-
84.0	57.1	57.1	52.7	52.7	-	-	-	-	-	-	-	-	-	-
90.0	53.3	53.3	-	-	-	-	-	-	-	-	-	-	-	-
96.0	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-

Where water penetration resistance is not required

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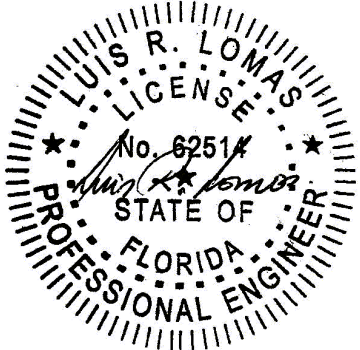


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48" X 72" NON-IMPACT
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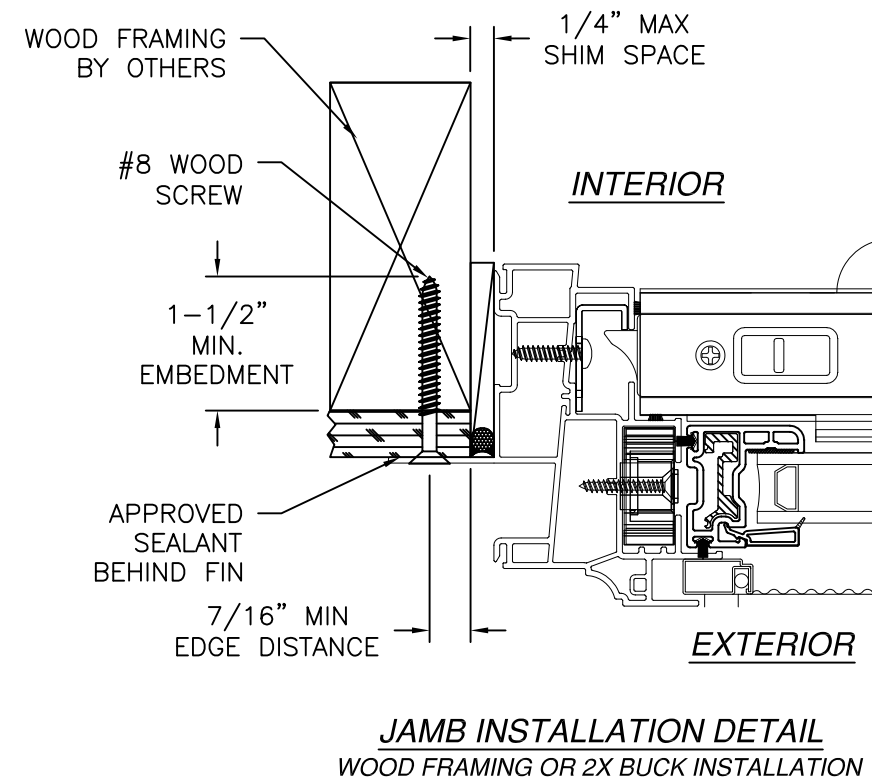
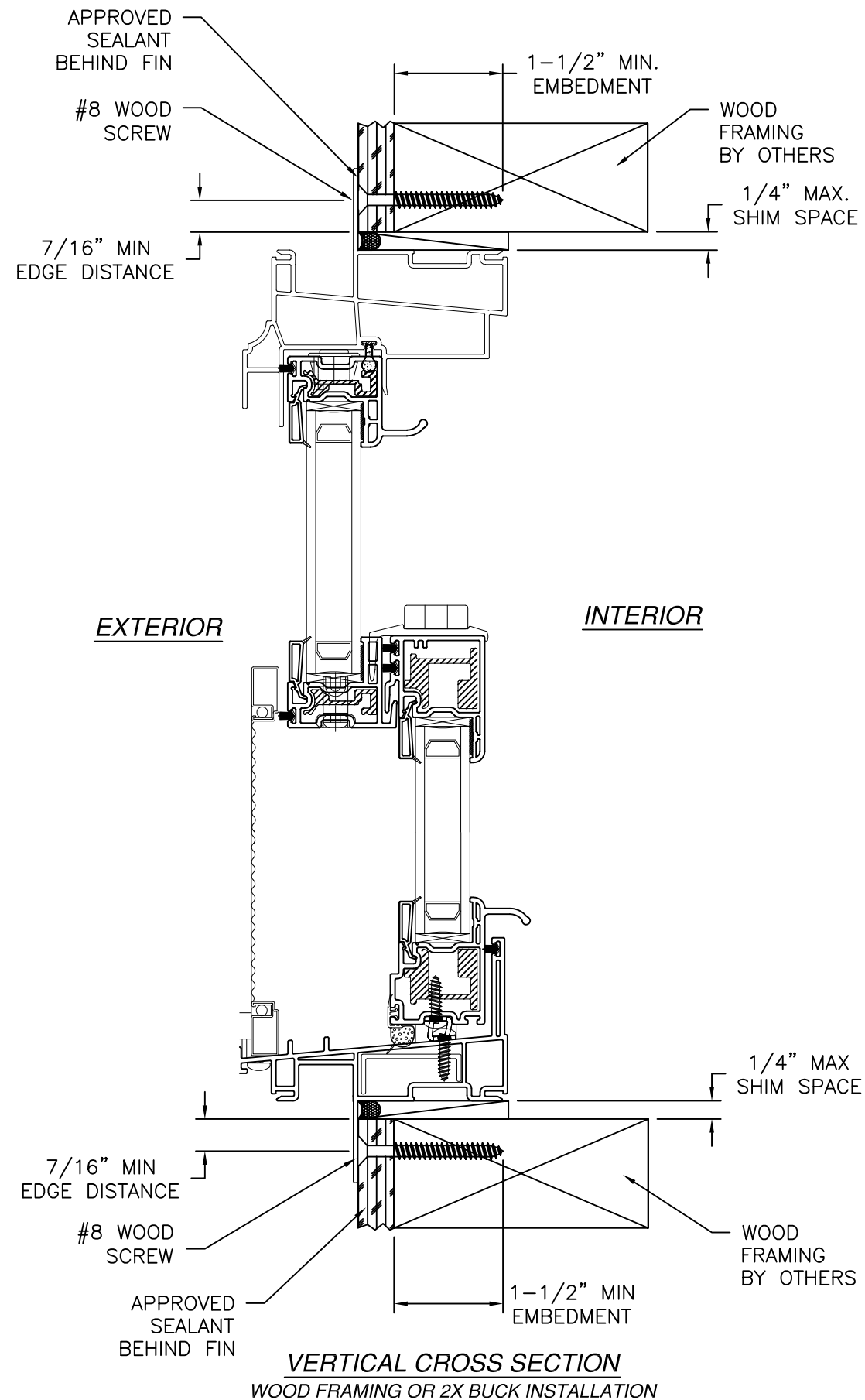
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SCALE NTS	DATE 01/14/21	SHEET 2 OF 4

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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 ASTM E2112

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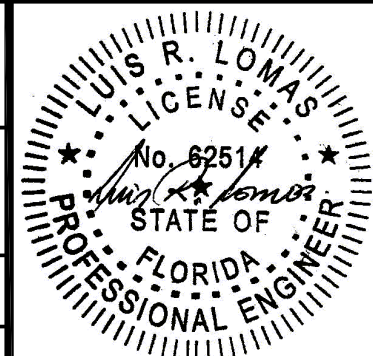
INSTALLATION DETAILS

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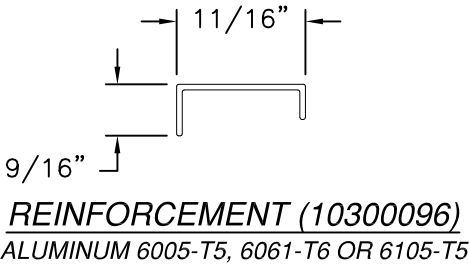
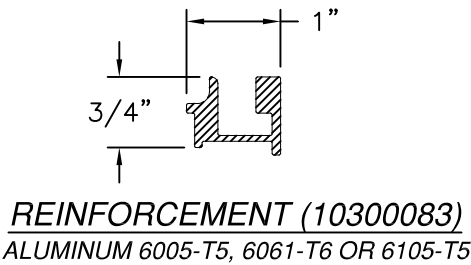
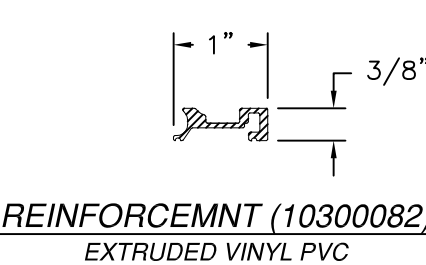
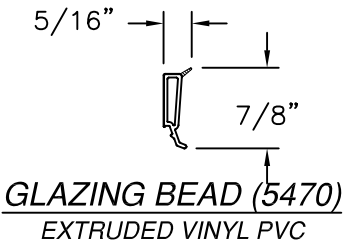
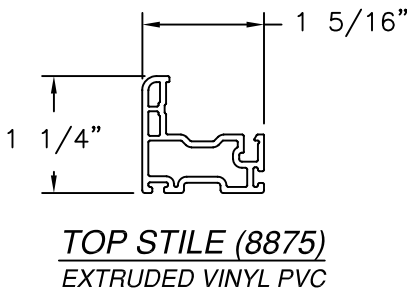
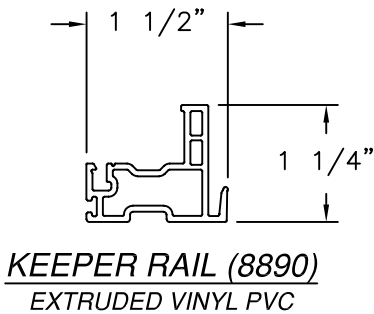
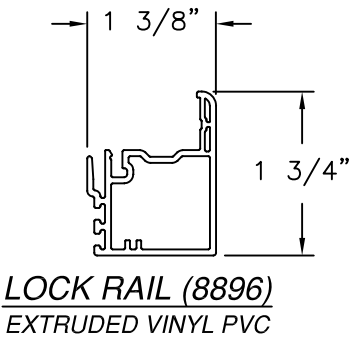
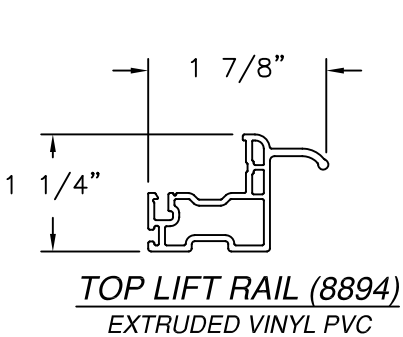
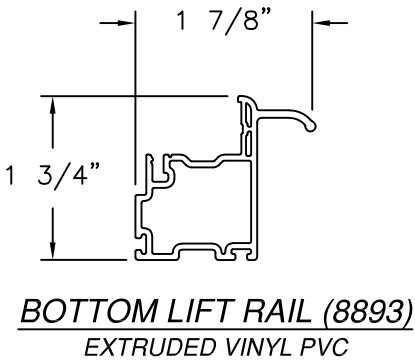
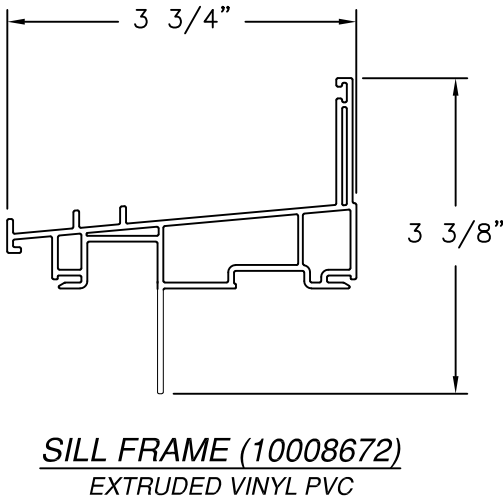
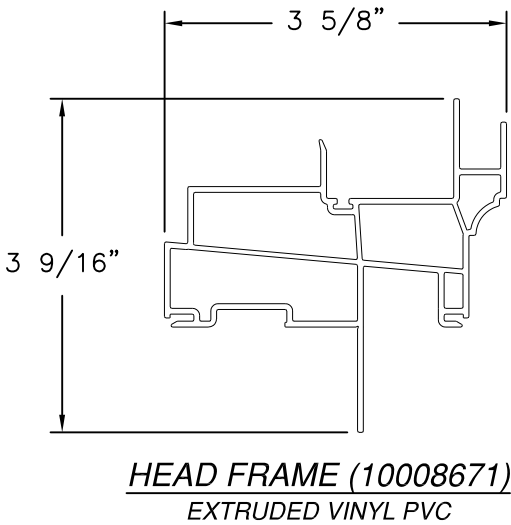
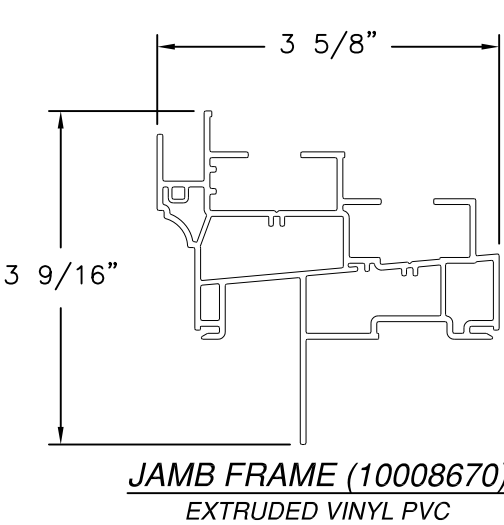
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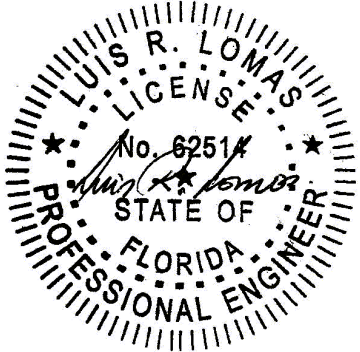
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