

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 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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW 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.
5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
6. 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.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING 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.

15. FOR ANCHORING 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.
16. FOR ANCHORING 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. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .125" THICK MINIMUM.
18. UNITS MAY BE INSTALLED WITH OR WITHOUT FLANGE.

SIGNED: 01/25/2021

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
EASTERN METAL SUPPLY

16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

1541 VINYL DOUBLE HUNG WINDOW
W/FLANGE 48" X 72" NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03664

REV
-

SCALE NTS

DATE 01/18/21

SHEET 1 OF 6

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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	-	-	-	-	-	-	-	-	-	-	-	-

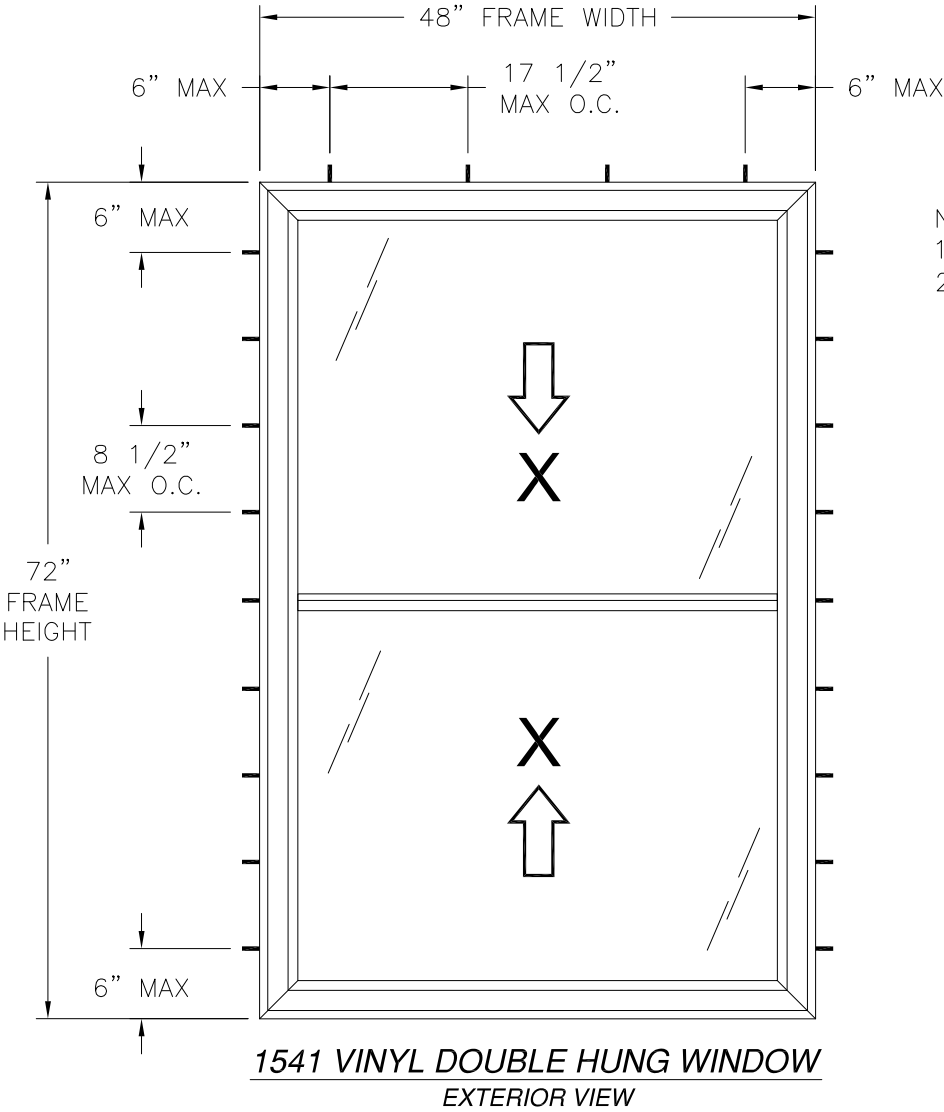
Where water penetration resistance is required

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



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 CHART #1 AND #2, THIS SHEET FOR OTHER SIZES

- NOTES:
1. SASH SIZE: 44 3/8" X 35 3/4"
2. D.L.O.: 43 50" X 34 1/4"

HARDWARE SCHEDULE

A.	(2) METAL CAM LOCK WITH KEEPER AT MEETING RAILS, 7 7/8" IN FROM OUTSIDE CORNERS
B.	(2) TOP MOUNTED METAL TILT LATCH AT TOP CORNERS OF BOTTOM SASH
C.	(2) FLUSH MOUNTED PLASTIC TILT LATCH AT TOP CORNERS OF TOP SASH
D.	(4) METAL PIVOT BARS AT BOTTOM CORNERS OF SASH
E.	(2) METAL JAMB SUPPORT AT MIDSPAN OF JAMB TRACK
F.	(4) CONSTANT FORCE BALANCE OF SASH TRACKS OF JAMBS
G.	(2) SNUBBERS AT SILL, 17 3/4" IN FROM OUTSIDE CORNERS
H.	(2) SNUBBERS AT BOTTOM RAIL, 16 3/16" IN FROM OUTSIDE CORNERS
I.	ALUMINUM REINFORCEMENT (10300096) AT SILL
J.	ALUMINUM REINFORCEMENT (10300083) AT ALL BOTTOM SASH MEMBERS
K.	ALUMINUM REINFORCEMENT (10300082) AT TOP SASH MEMBERS



EASTERN ARCHITECTURAL SYSTEMS
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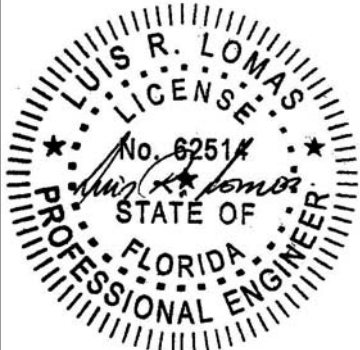
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

1541 VINYL DOUBLE HUNG WINDOW
W/FLANGE 48" X 72" NON-IMPACT
ELEVATION

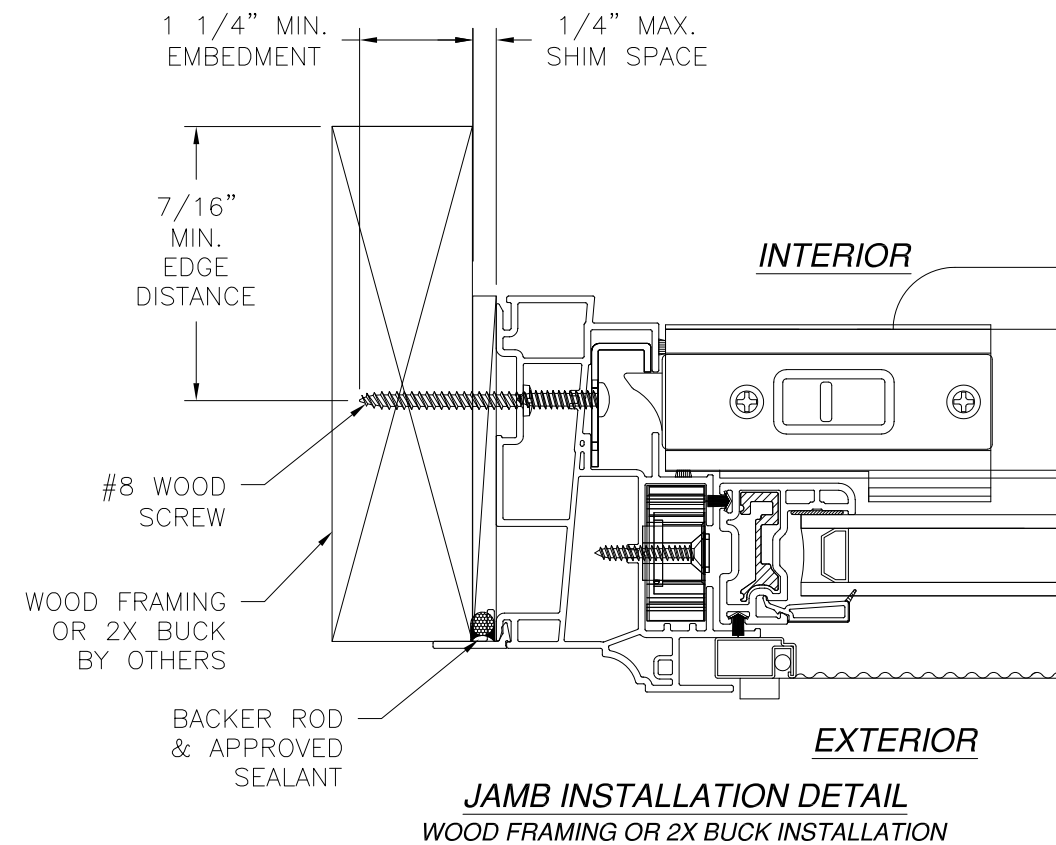
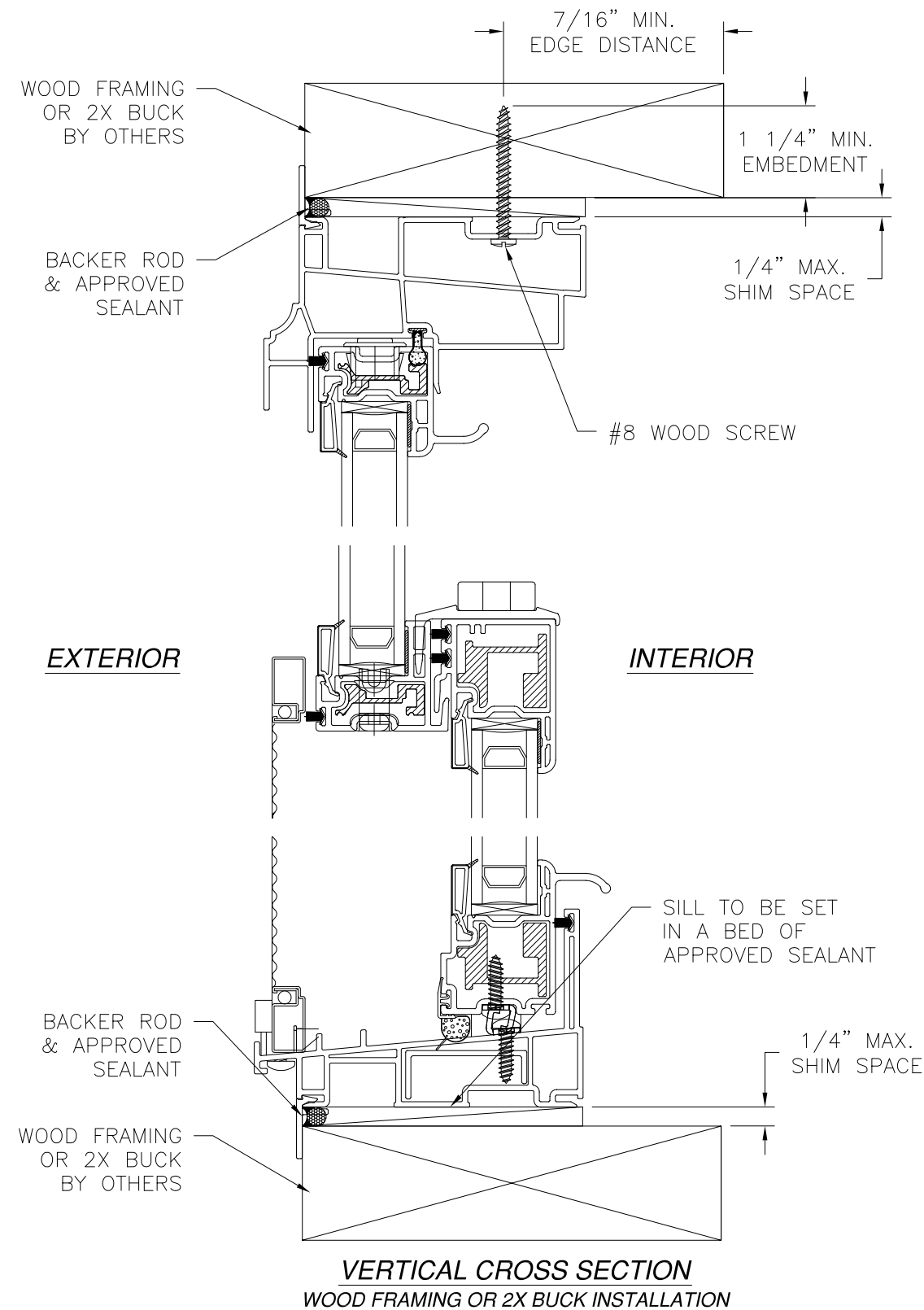
DRAWN: A.R.	DWG NO. 08-03664	REV -
SCALE NTS	DATE 01/18/21	SHEET 2 OF 6

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SIGNED: 01/25/2021



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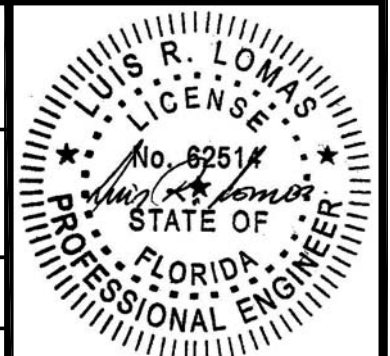


NOTES:

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

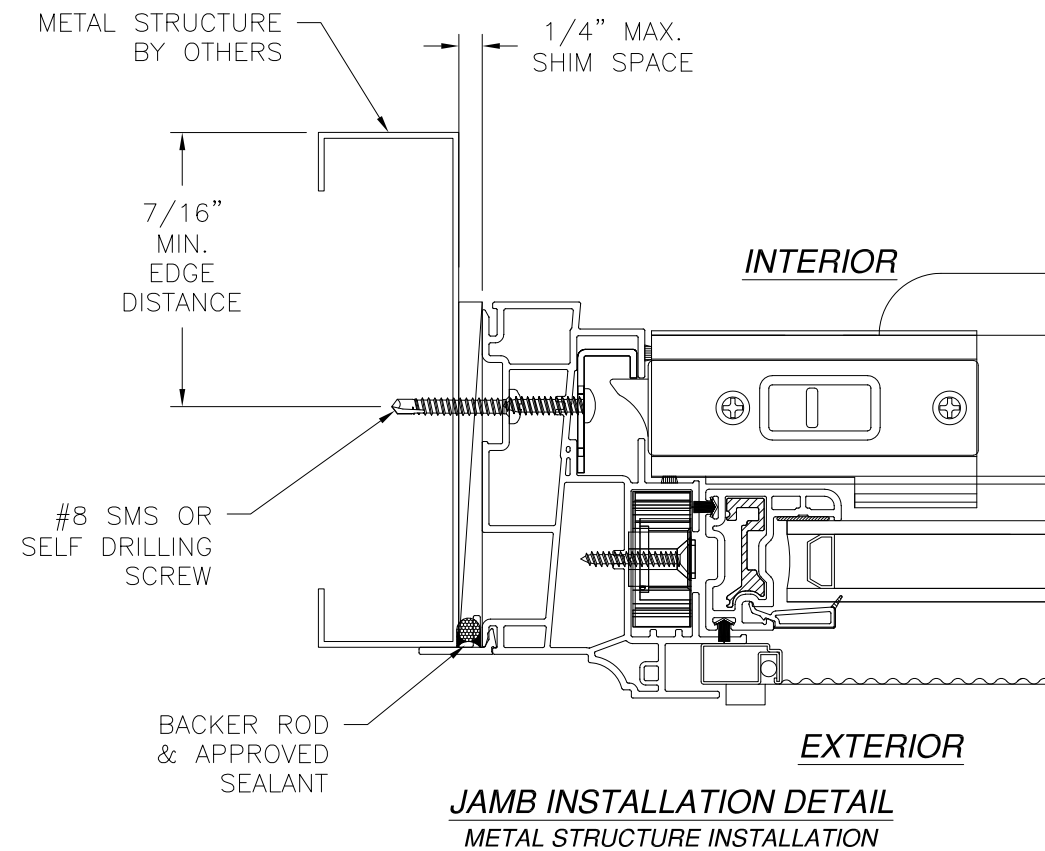
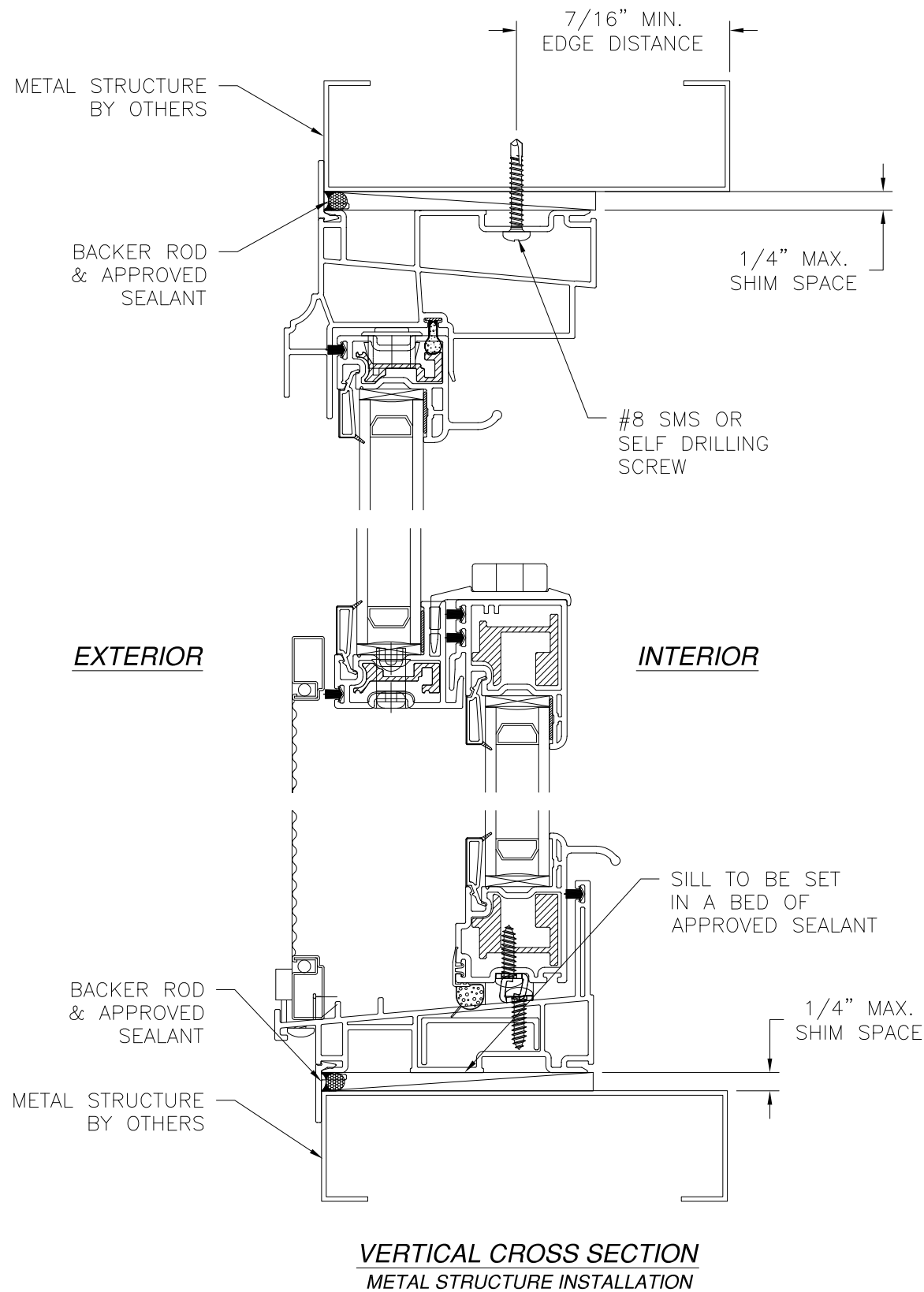
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		EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF EASTERN METAL SUPPLY 16341 DOMESTIC AVE FORT MYERS, FL 33912 800-432-2204	
1541 VINYL DOUBLE HUNG WINDOW W/FLANGE 48" X 72" NON-IMPACT INSTALLATION DETAILS			
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SCALE NTS		DATE 01/18/21	REV -
SHEET 3		OF 6	
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- NOTES:
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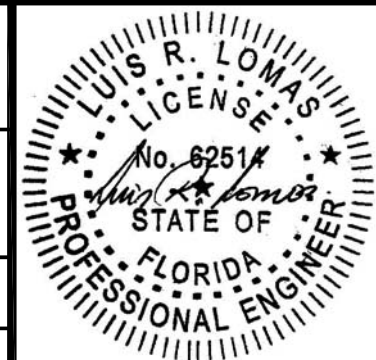
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
A.R.	08-03664	-
SCALE NTS	DATE 01/18/21	SHEET 4 OF 6

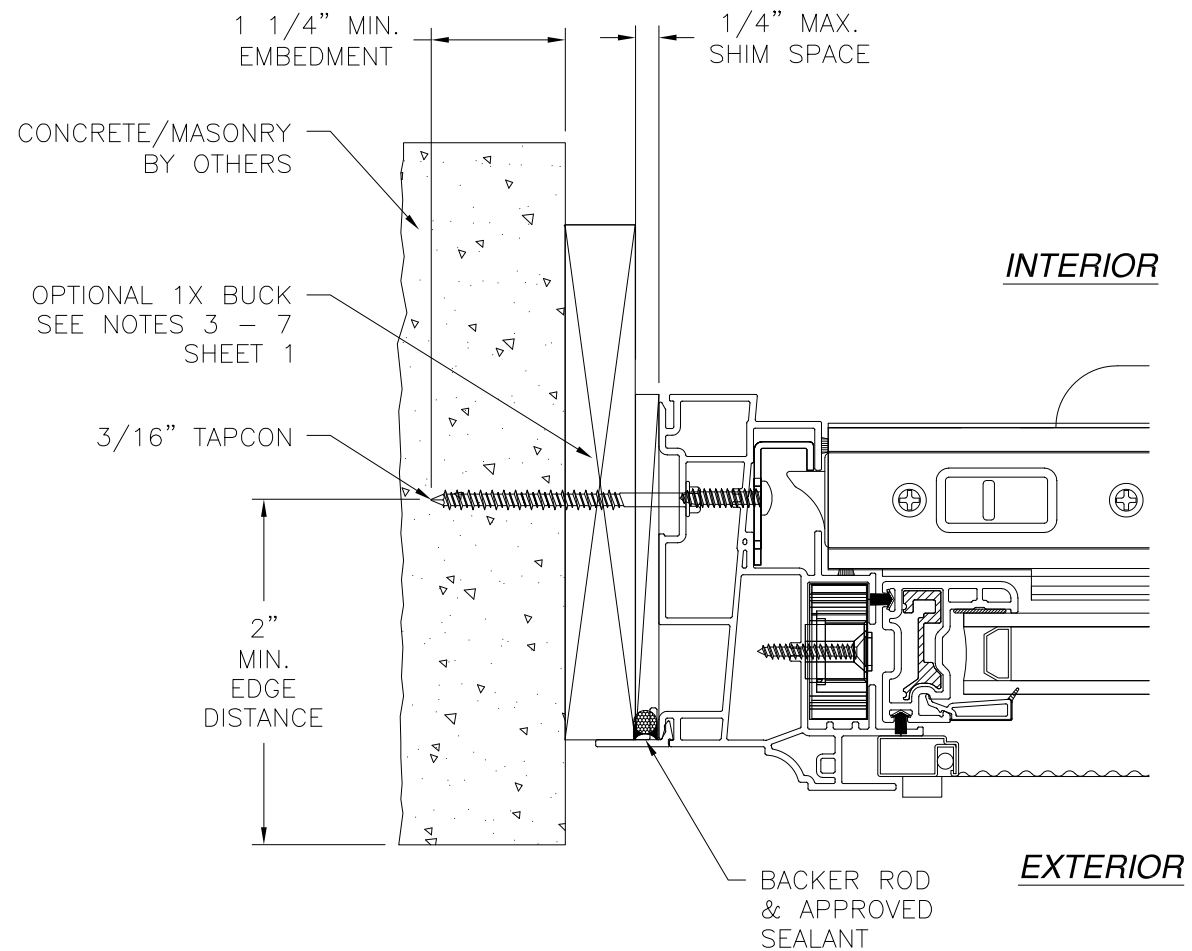
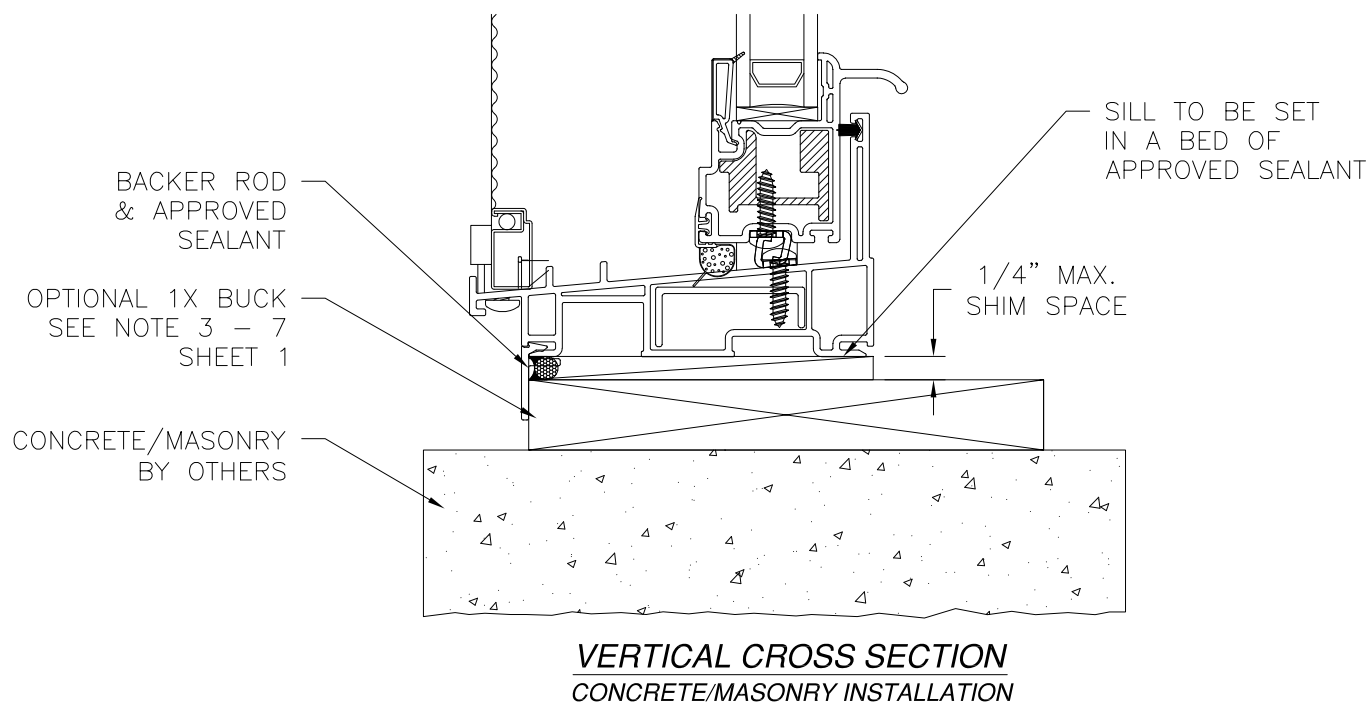
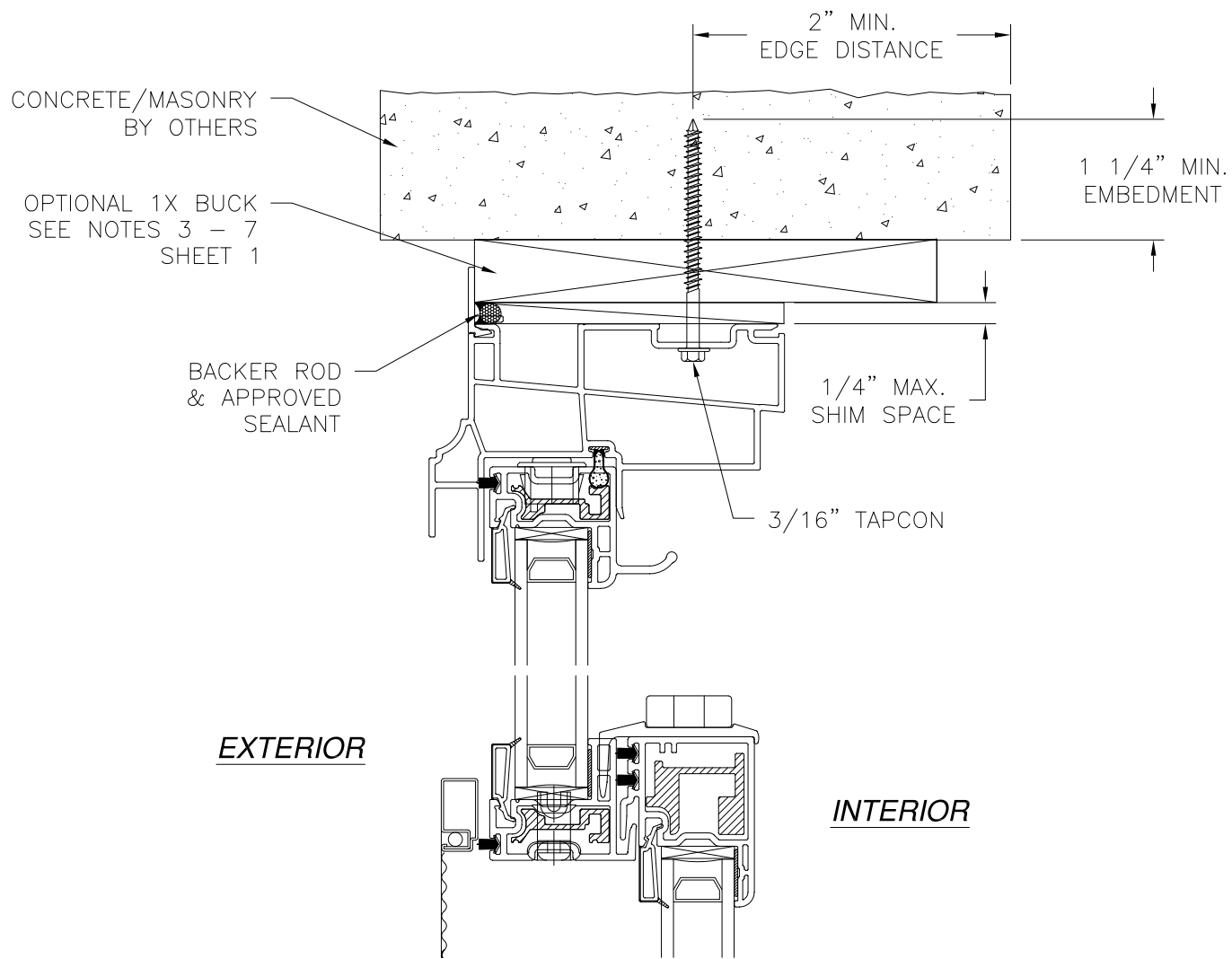
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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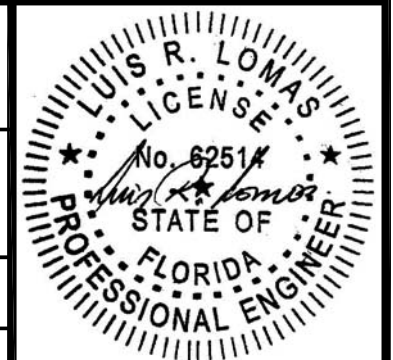
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W/FLANGE 48" X 72" NON-IMPACT
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SCALE NTS	DATE 01/18/21	SHEET 5 OF 6

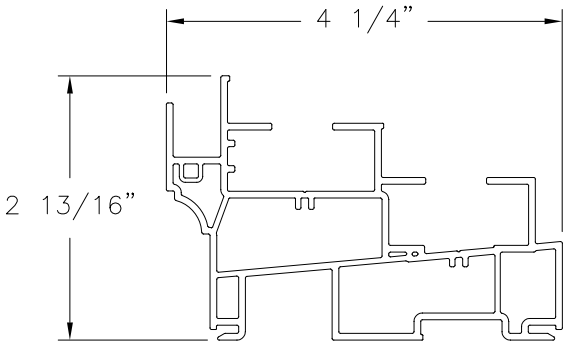
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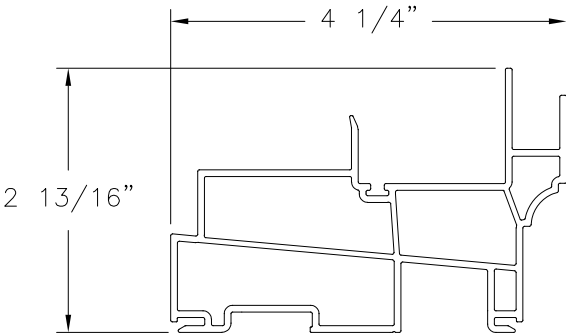


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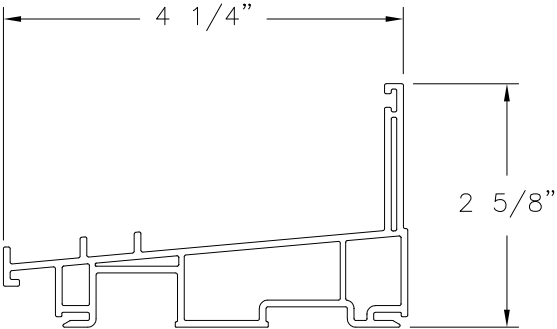
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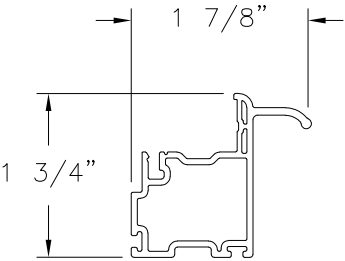
JAMB FRAME (10008690)
EXTRUDED VINYL PVC



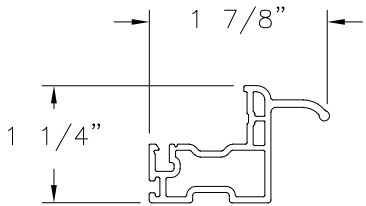
HEAD FRAME (10008691)
EXTRUDED VINYL PVC



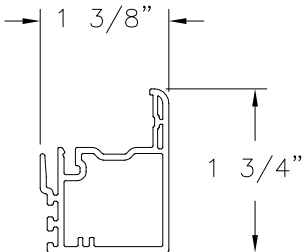
SILL FRAME (10008692)
EXTRUDED VINYL PVC



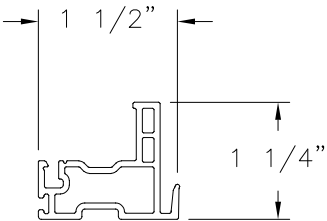
BOTTOM LIFT RAIL (8893)
EXTRUDED VINYL PVC



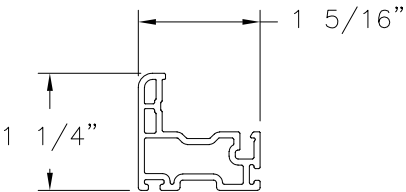
TOP LIFT RAIL (8894)
EXTRUDED VINYL PVC



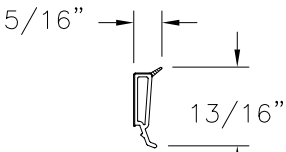
LOCK RAIL (8896)
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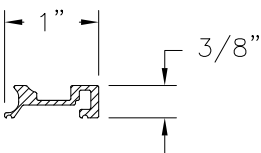
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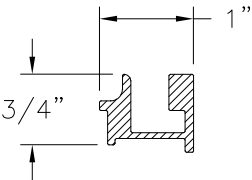
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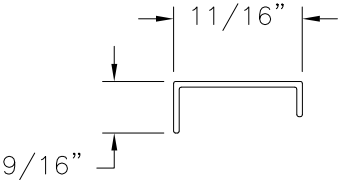
GLAZING BEAD (5470)
EXTRUDED VINYL PVC



REINFORCEMNT (10300082)
EXTRUDED VINYL PVC



REINFORCEMENT (10300083)
ALUMINUM 6005-T5, 6061-T6 OR 6105-T5



REINFORCEMENT (10300096)
ALUMINUM 6005-T5, 6061-T6 OR 6105-T5



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