

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD FRAMING, METAL STRUCURE 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 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".
 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 FIN INTO WOOD FRAMING OR 2X BUCK USE #10 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 WASHER-HEAD 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 AND THROUGH CLIP INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME AND THROUGH CLIP INTO MASONRY/CONCRETE USE 3/16" WASHER-HEAD 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. FOR ANCHORING THROUGH FRAME OR THROUGH CLIP INTO METAL STRUCTURE USE #8 WASHER-HEAD 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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:
 - 19.a. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 19.b. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 19.c. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 19.d. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

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11	COMPONENTS

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DESCRIPTION								
REV								

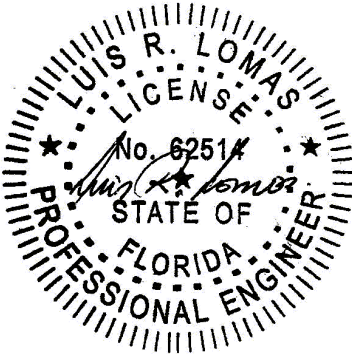
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FORTH WORTH, TX 76133

SERIES 700/900 PVC DOUBLE HUNG WINDOW
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NOTES

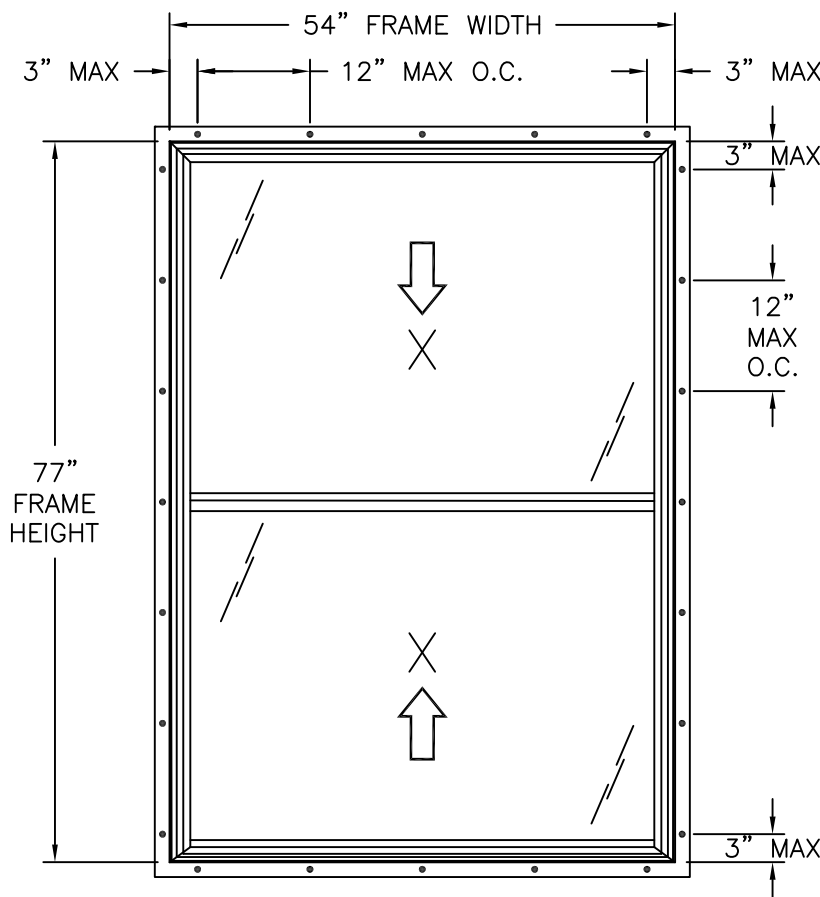
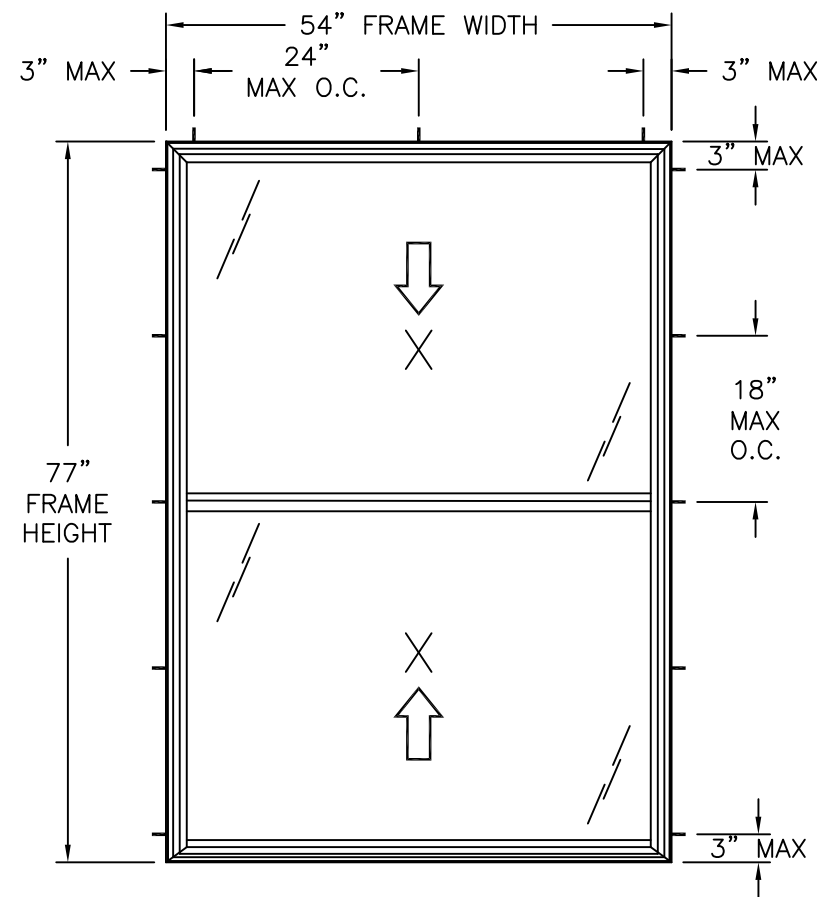
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DWG NO. 08-04207	SHEET 1 OF 11	
SCALE NTS	REV -	FPA -
DRAWN R.L.	DATE: 06/10/26	

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



FINLESS INSTALLATION

FIN INSTALLATION

FULLY REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

- SASH SIZE: 50 3/4" X 38 3/8"
- SASH D.L.O.: 46 3/4" X 34 1/2"

HARDWARE SCHEDULE

A.	(2) CAM LOCK WITH KEEPER AT 7" FROM RAIL ENDS
B.	(4) CONSTANT FORCE BALANCE ON IN EACH JAMB POCKET
C.	(4) TILT LATCH AT EACCH END OF SASH TOP RAIL
D.	(4) PIVOT BAR AT EACH END OF BOTTOM OF SASHES
E.	ALUMINUM REINFORCEMENT (746) AT LOCK RAIL, KEEPER RAIL AND STILES

Chart #1
Design Pressure Rating (psf)

Frame Height (in)	Frame width (in)													
	24.00		30.00		36.00		42.00		48.00		54.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5
30.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5
36.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	58.7
42.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	65.9	45.0	51.0
48.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	59.7	45.0	45.3
54.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	64.6	45.0	55.1	41.0	41.0
60.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	60.8	45.0	51.5	37.6	37.6
66.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	57.9	45.0	48.7	35.0	35.0
72.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	61.9	45.0	54.1	45.0	46.5	-	-
77.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	57.9	45.0	50.6	45.0	45.0	-	-
78.00	45.0	67.5	45.0	67.5	45.0	66.6	45.0	57.1	45.0	50.0	-	-	-	-
84.00	45.0	67.5	45.0	67.5	45.0	61.9	45.0	53.0	45.0	46.4	-	-	-	-
90.00	45.0	67.5	45.0	67.5	45.0	57.8	45.0	49.5	-	-	-	-	-	-
96.00	45.0	67.5	45.0	65.0	45.0	54.1	45.0	46.4	-	-	-	-	-	-

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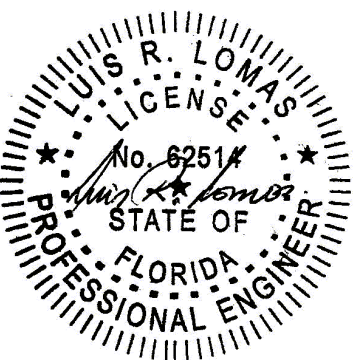
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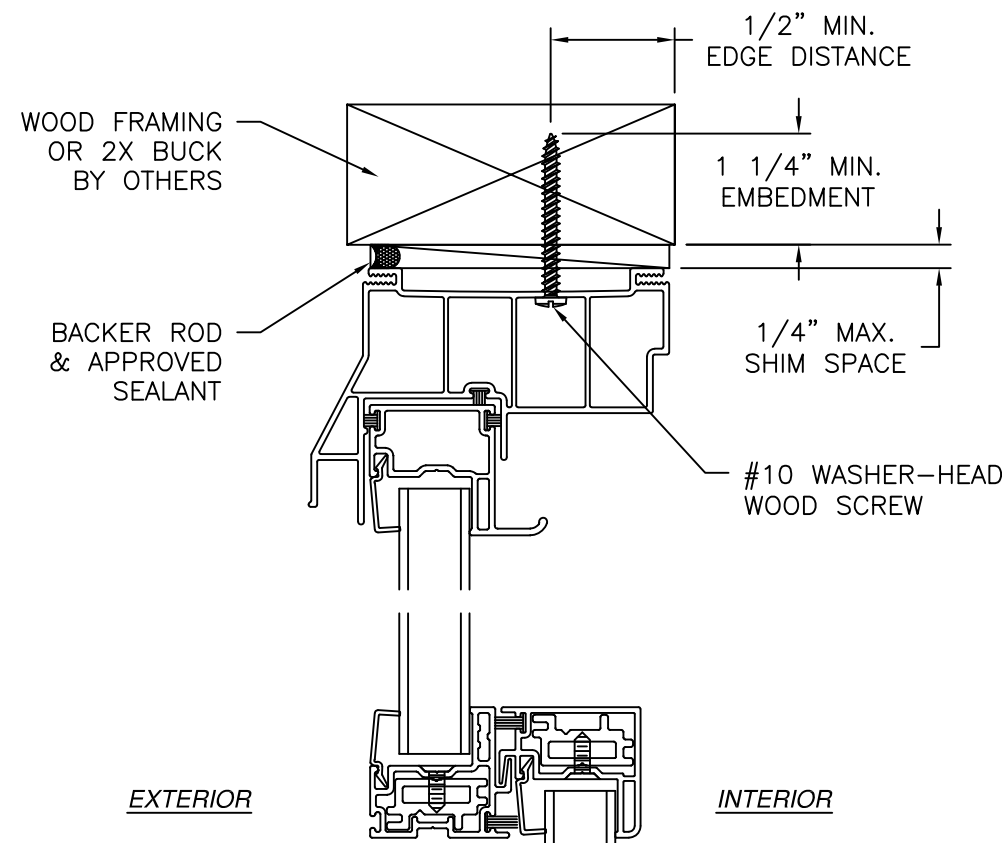
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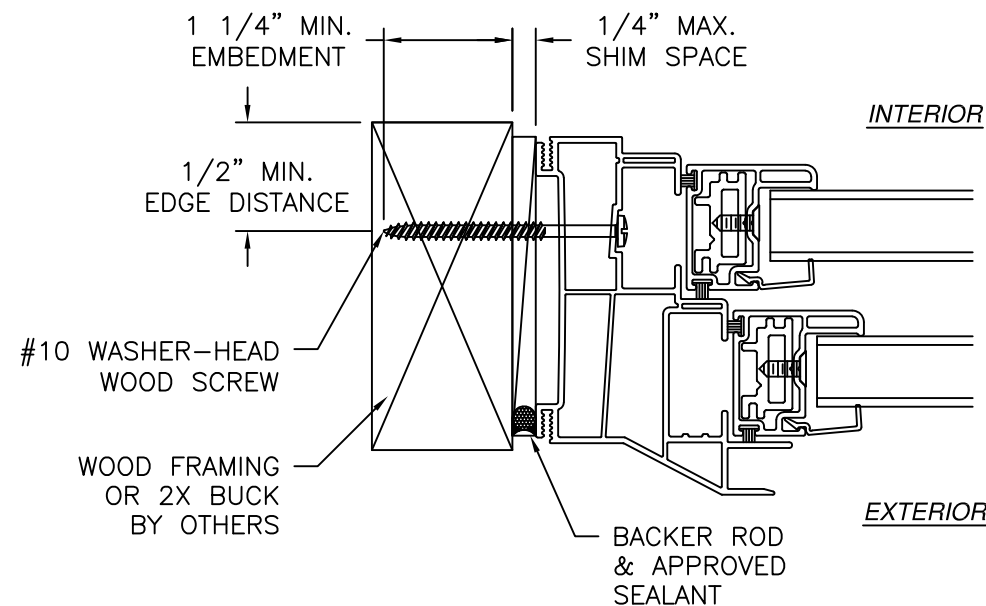
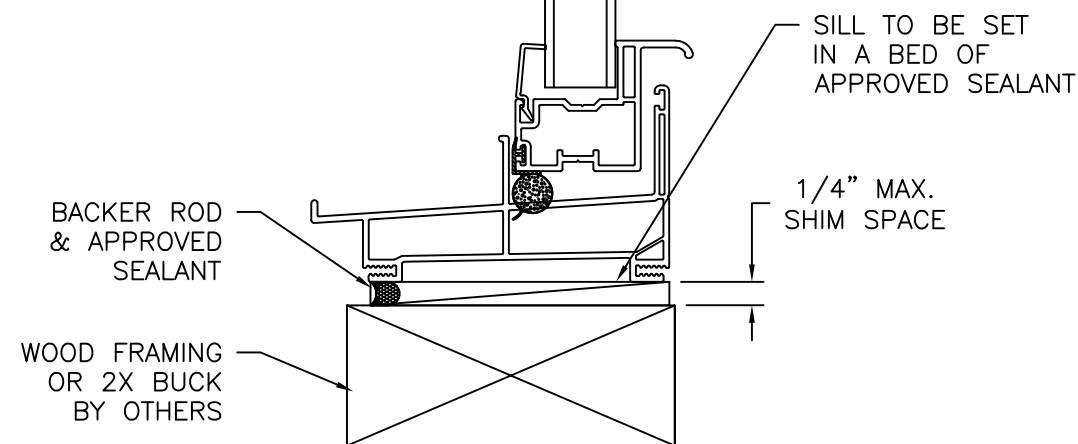
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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

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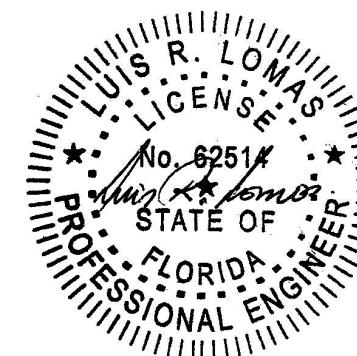
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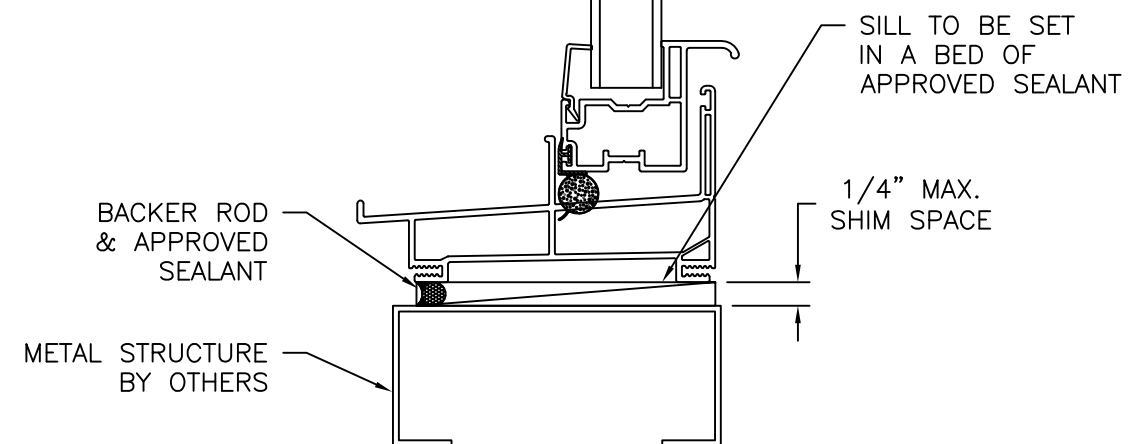
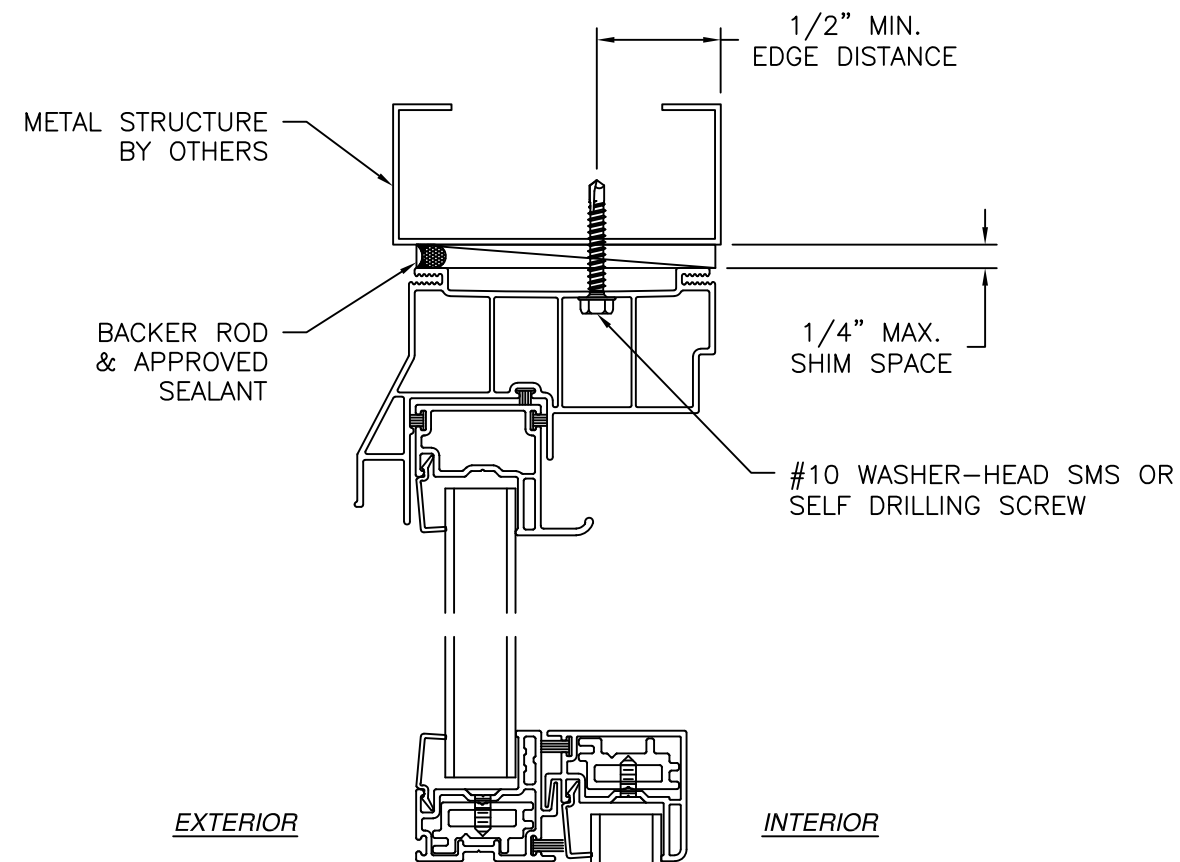
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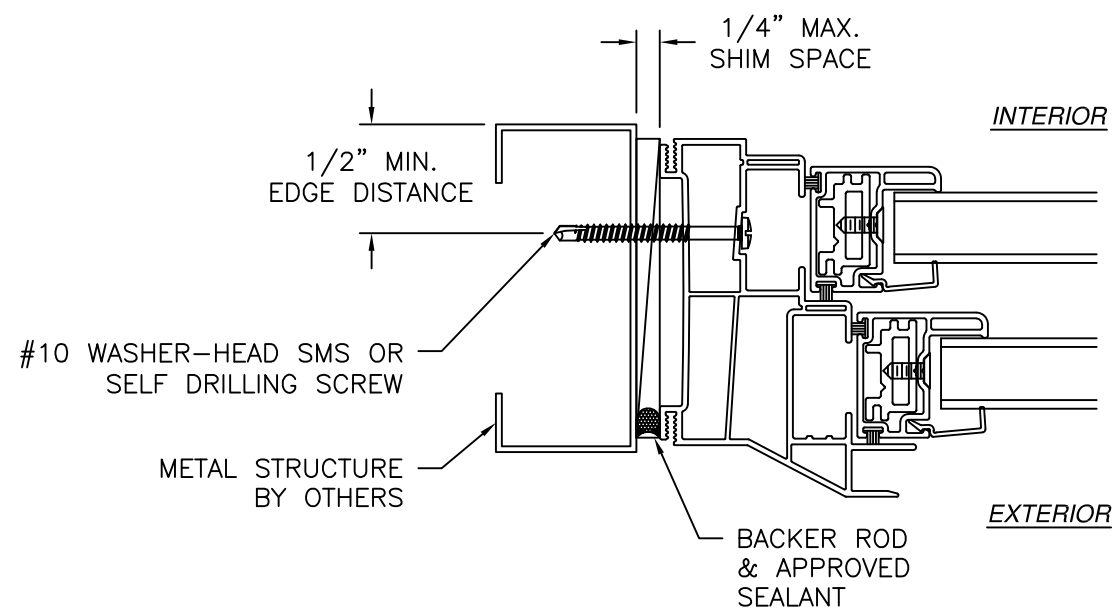
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Luis R. Lomas P.E.
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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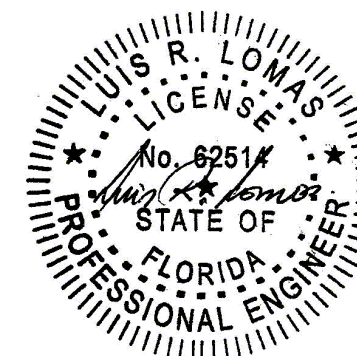
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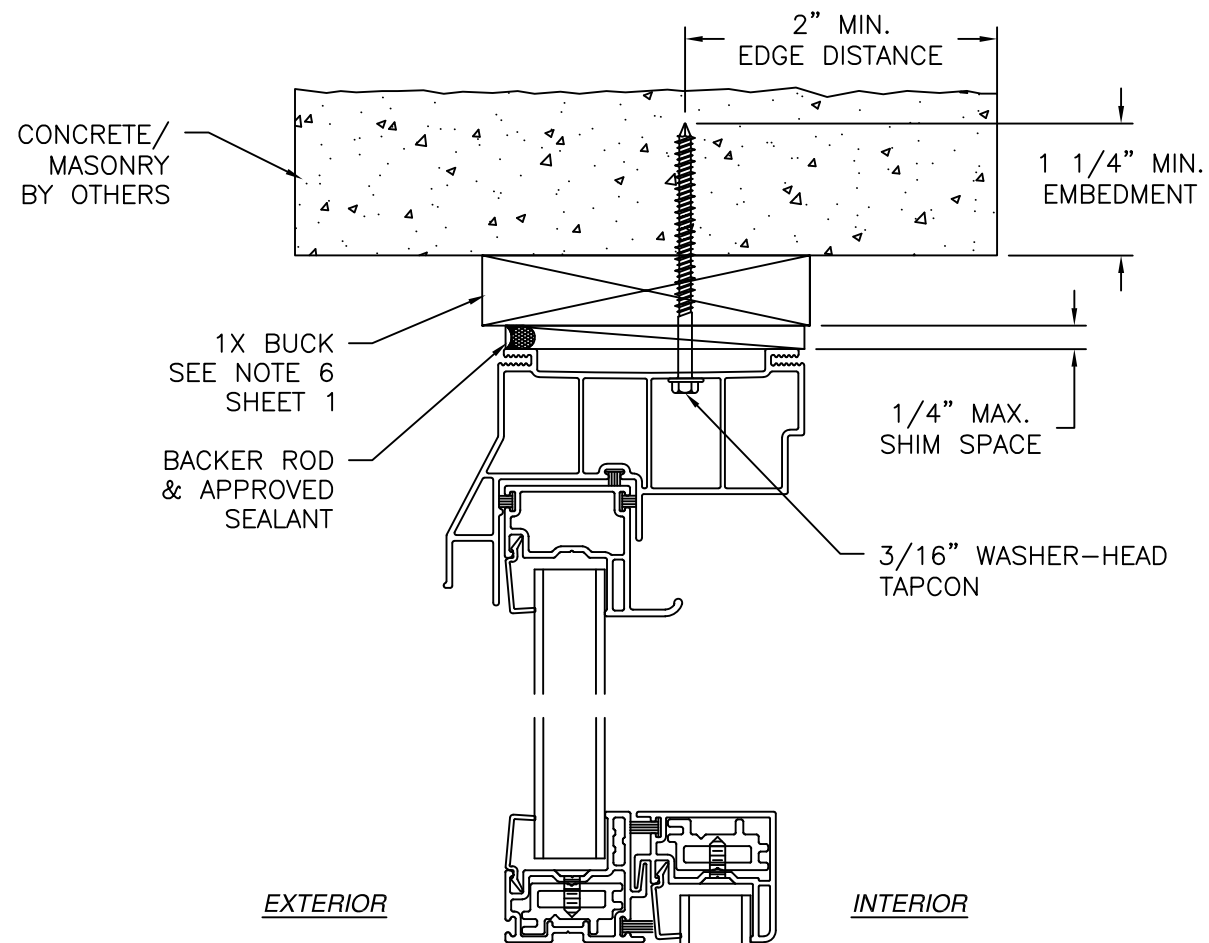
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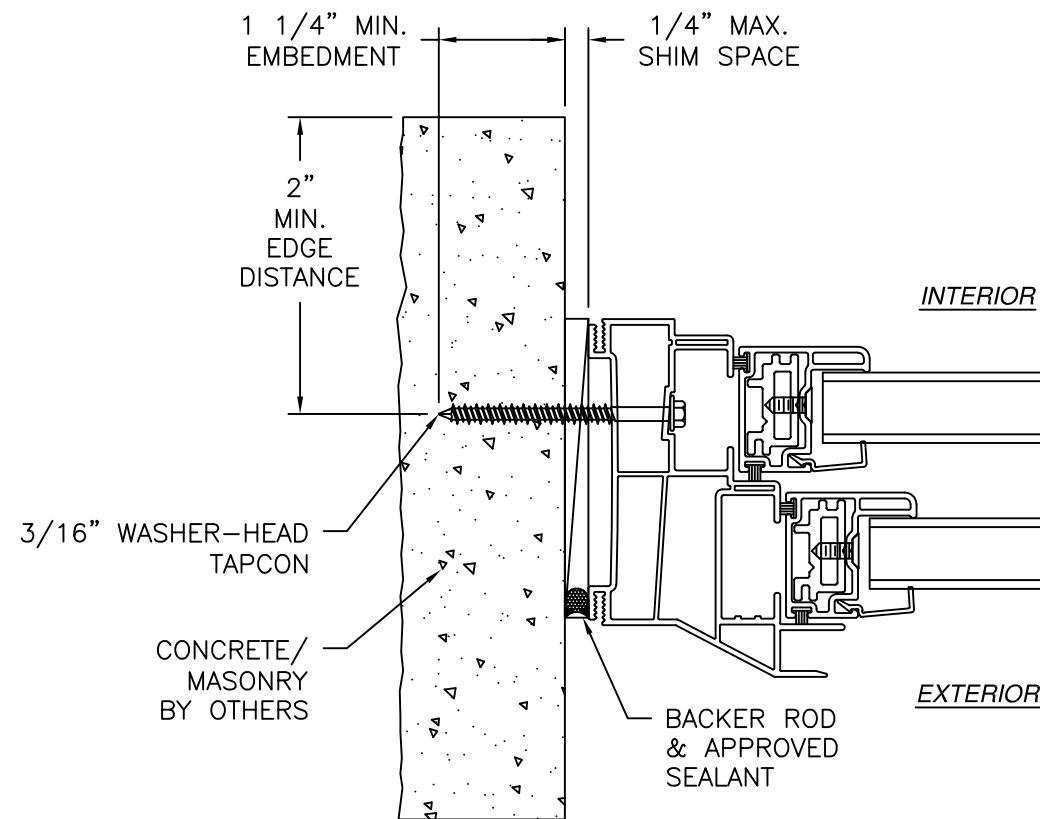
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VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



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

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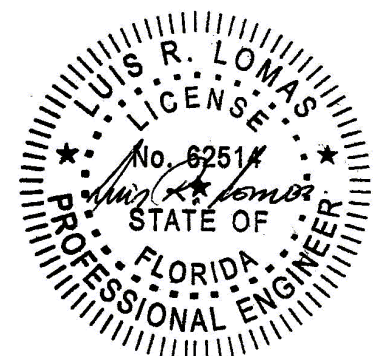
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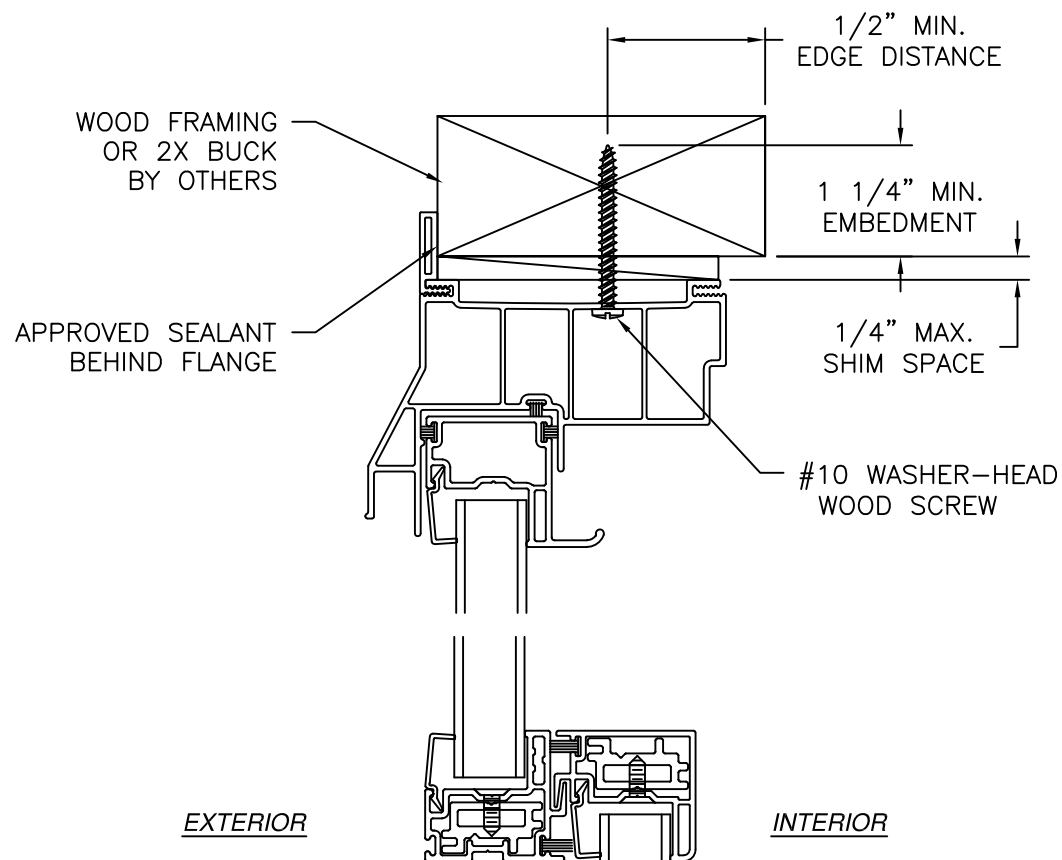
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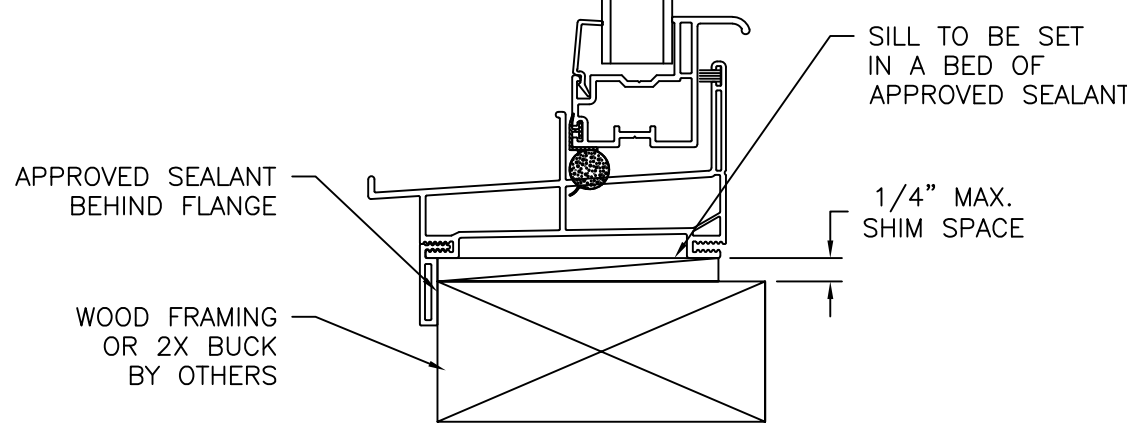


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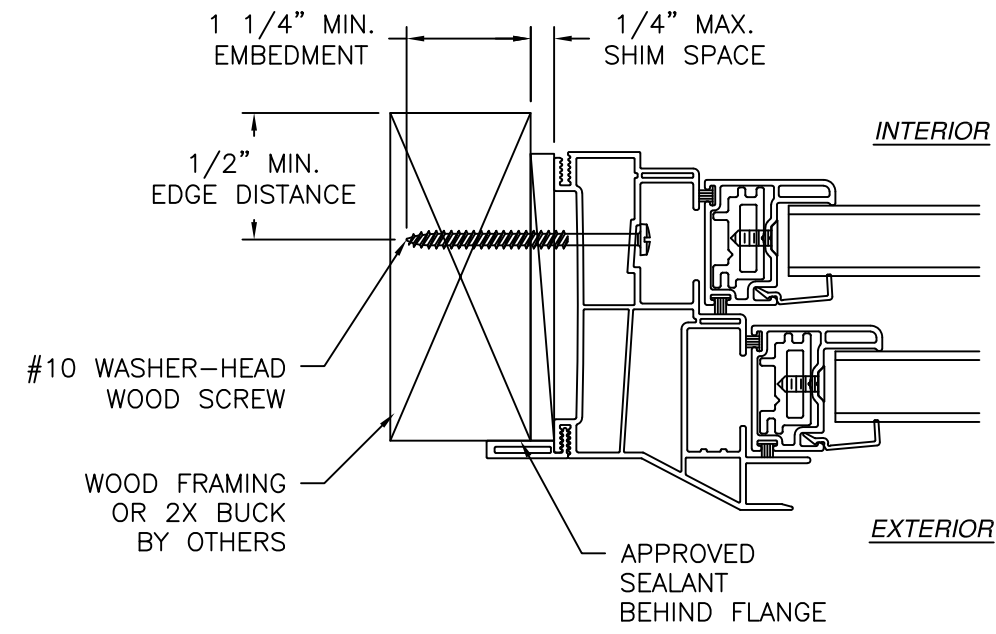


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
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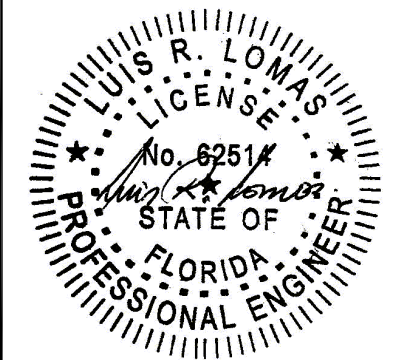
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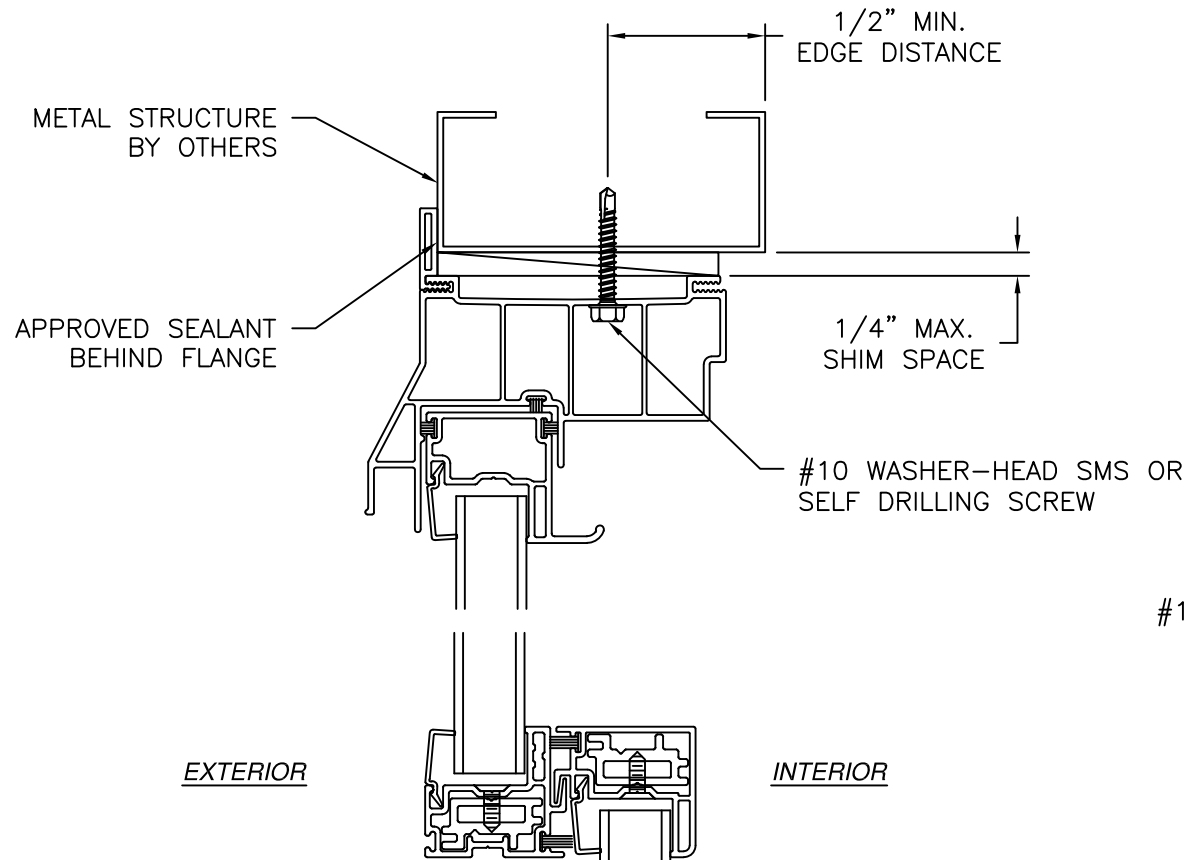
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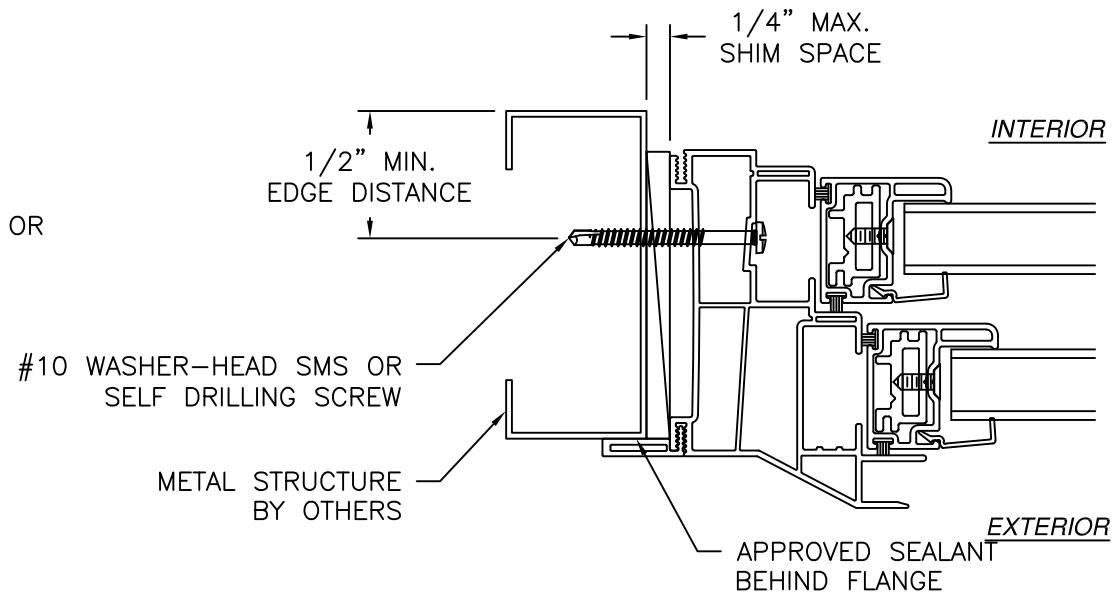
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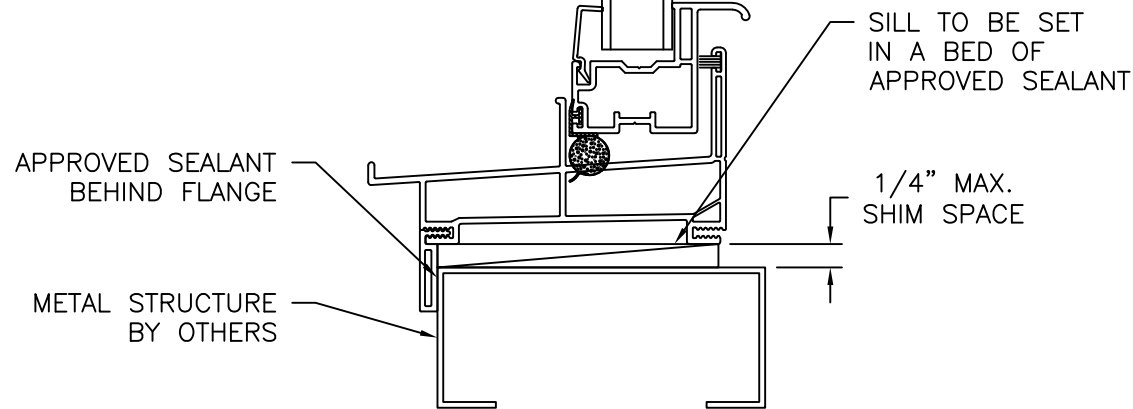
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



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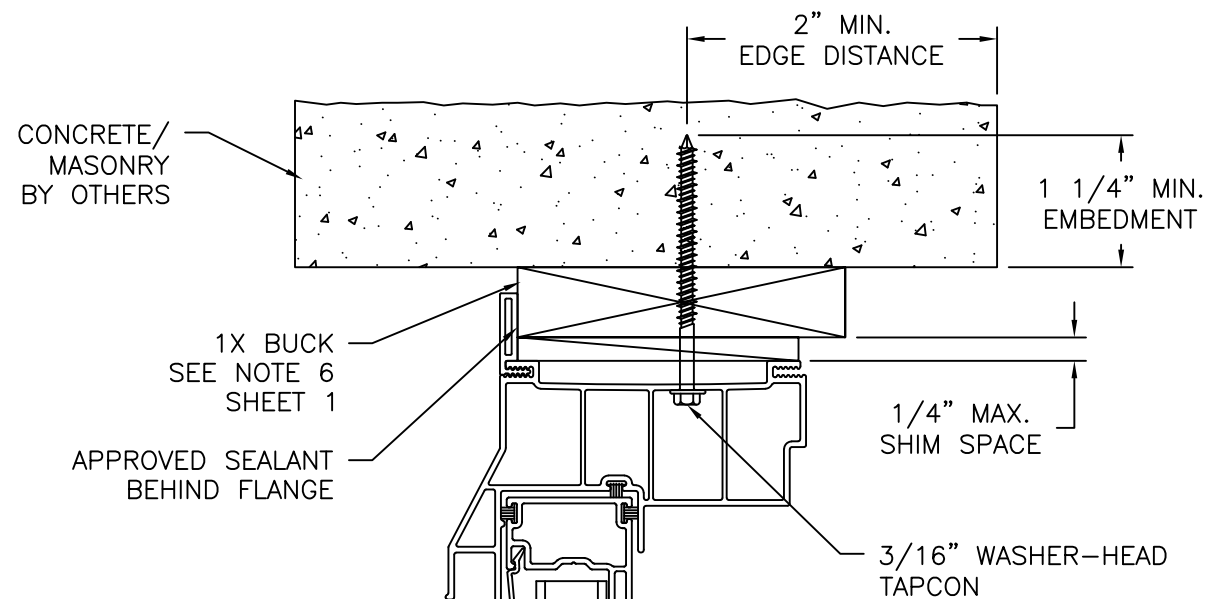
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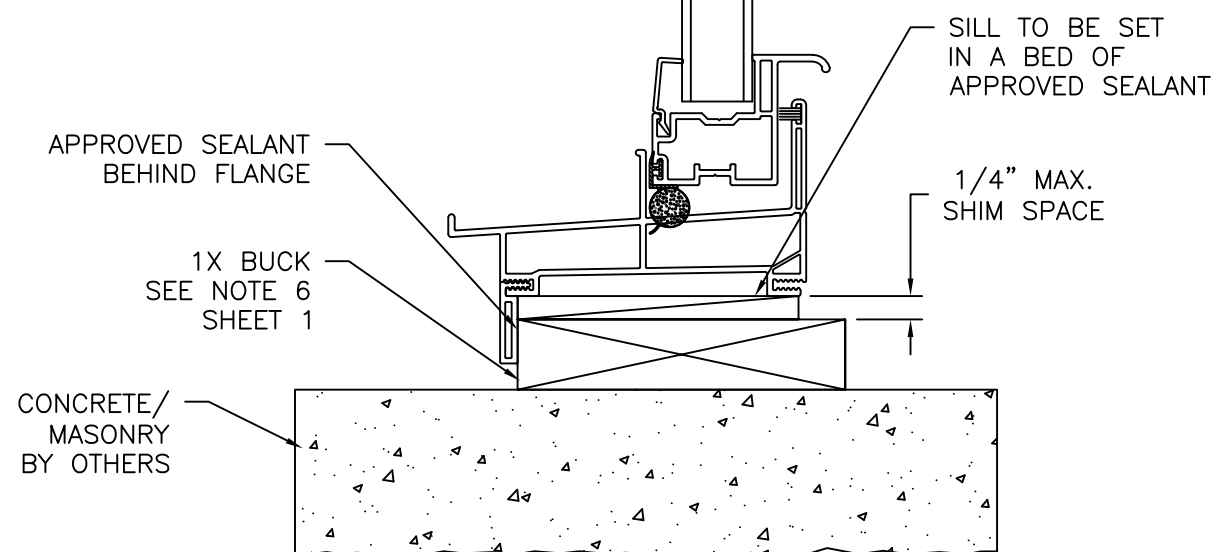
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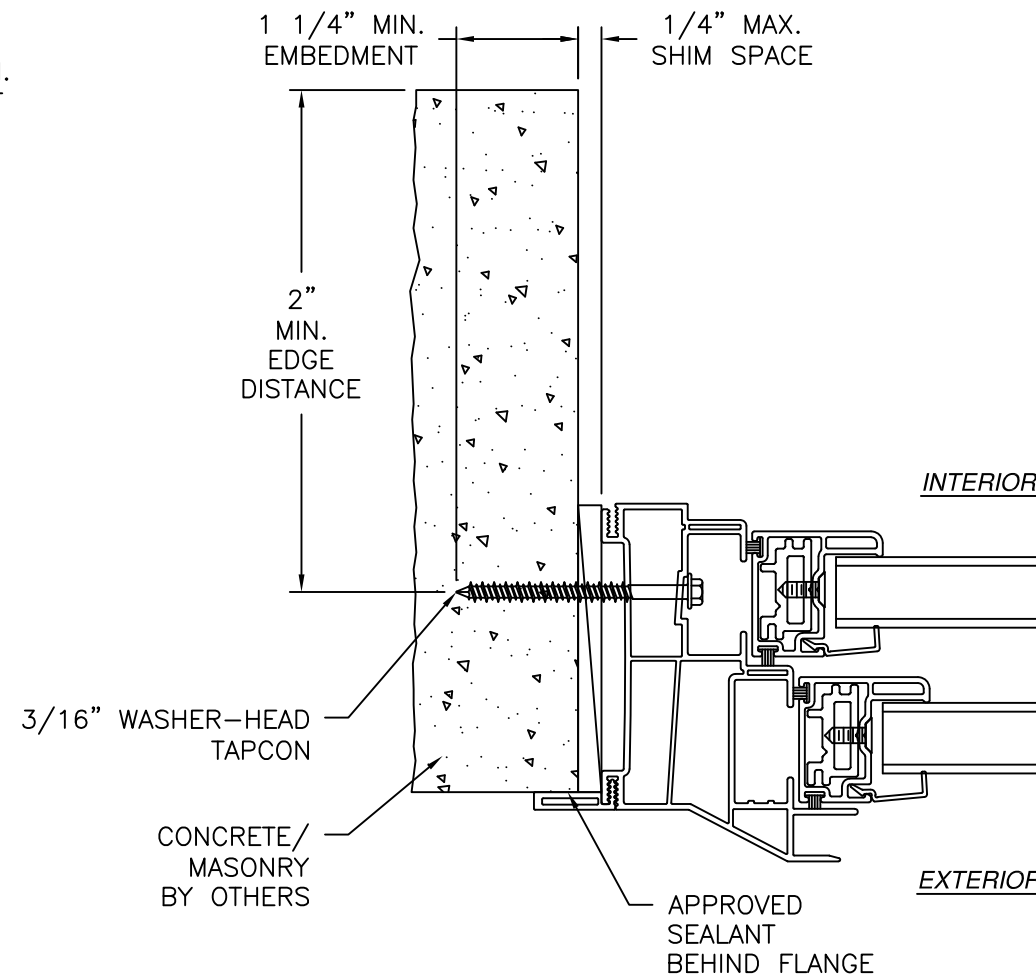


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



INTERIOR

EXTERIOR

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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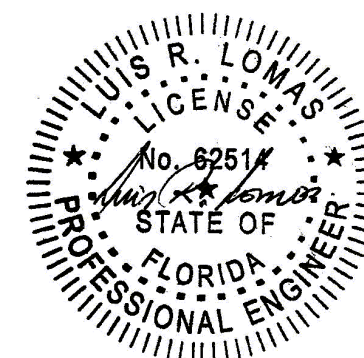
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DWG NO. 08-04207	SHEET 8 OF 11
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APPROVED SEALANT BEHIND FIN

#10 WASHER-HEAD WOOD SCREW

3/8" MIN EDGE DISTANCE

7/8" MIN. EMBEDMENT

WOOD FRAMING BY OTHERS

1/4" MAX. SHIM SPACE

EXTERIOR

INTERIOR

WOOD FRAMING BY OTHERS

#10 WASHER-HEAD WOOD SCREW

7/8" MIN. EMBEDMENT

APPROVED SEALANT BEHIND FIN

3/8" MIN EDGE DISTANCE

1/4" MAX SHIM SPACE

INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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3/8" MIN EDGE DISTANCE

#10 WASHER-HEAD WOOD SCREW

APPROVED SEALANT BEHIND FIN

1/4" MAX SHIM SPACE

WOOD FRAMING BY OTHERS

7/8" MIN. EMBEDMENT

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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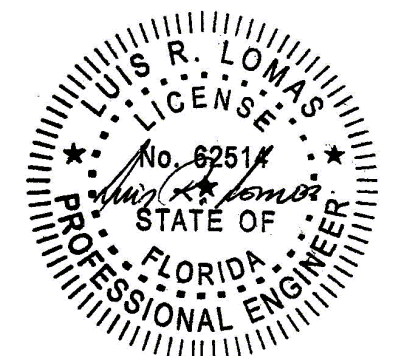
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FIN INSTALLATION DETAILS

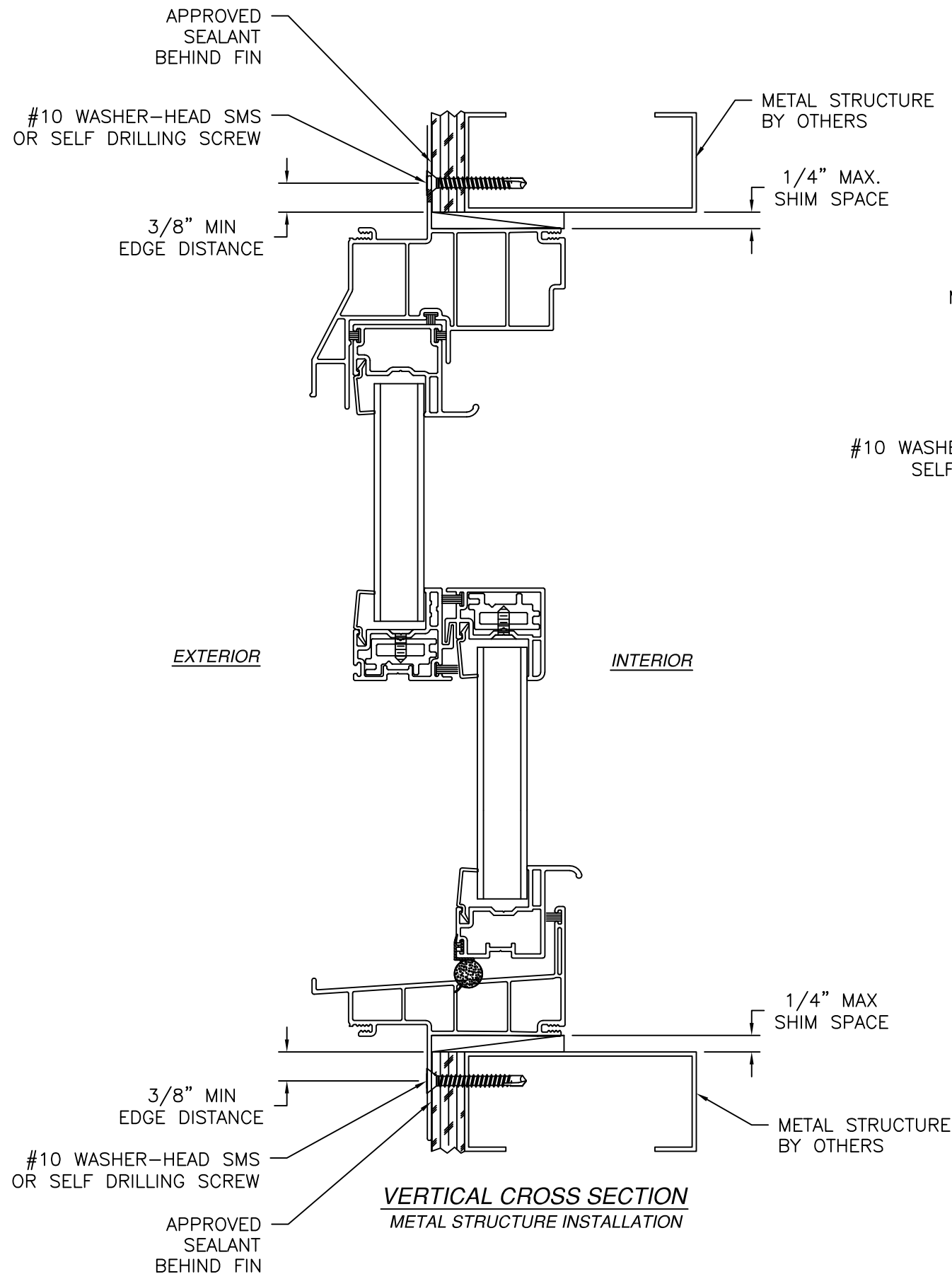
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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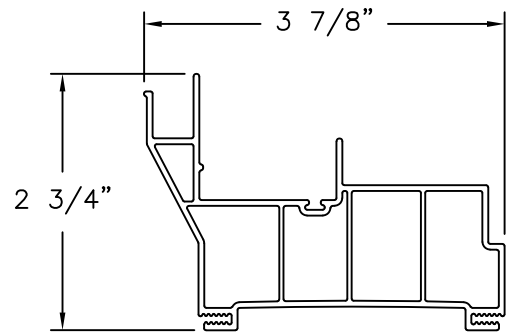
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FULLY REINFORCED NON-IMPACT
FIN INSTALLATION DETAILS

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

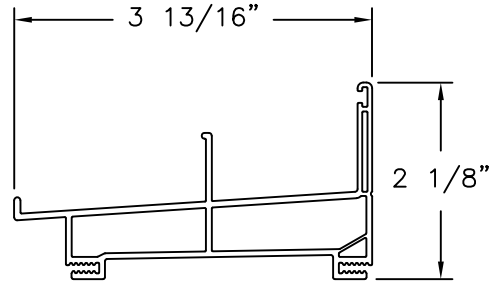
DWG NO. 08-04207	SHEET 10 OF 11
SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

SIGNED: 07/06/2026

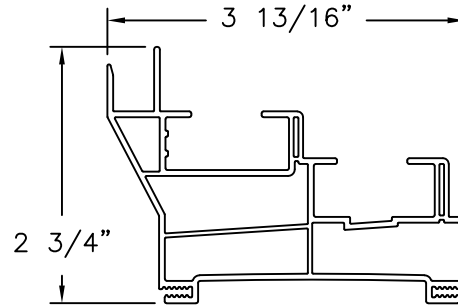
Luis R. Lomas P.E.
FL No.: 62514



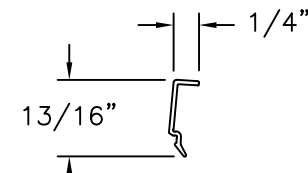
900 SERIES HEAD
EXTRUDED PVC



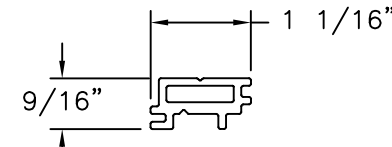
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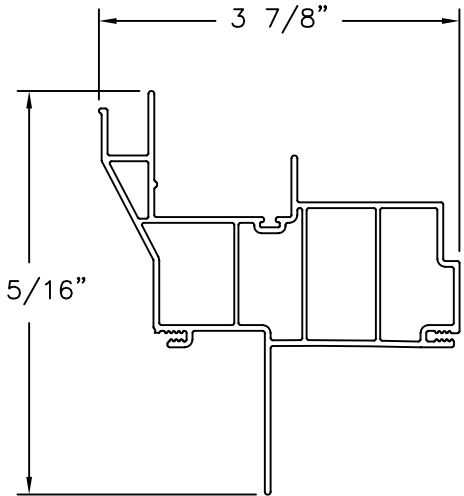
900 SERIES JAMB
EXTRUDED PVC



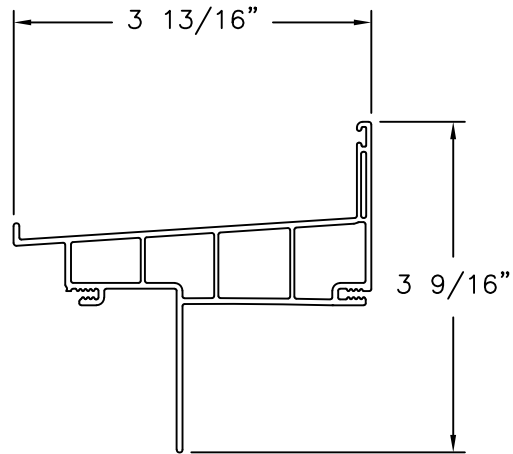
GLAZING BEAD
EXTRUDED PVC



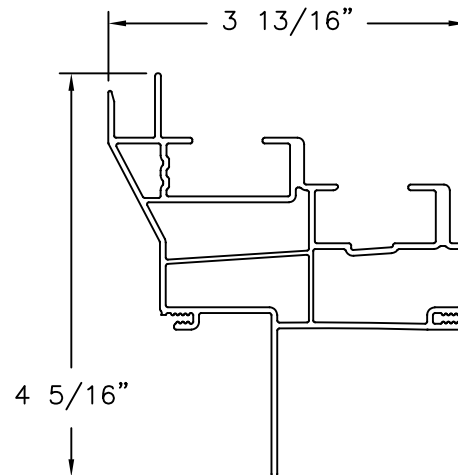
REINFORCEMENT
ALUMINUM



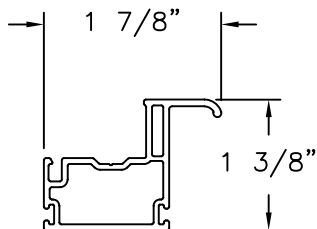
900 SERIES HEAD WITH FIN
EXTRUDED PVC



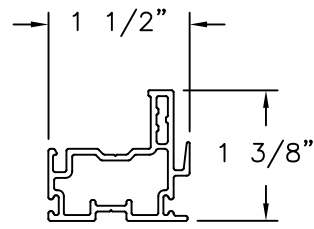
700/900 SERIES SILL WITH FIN
EXTRUDED PVC



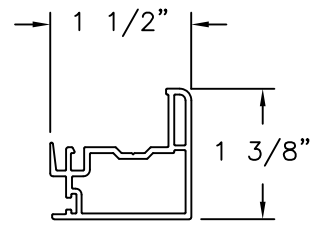
900 SERIES JAMB WITH FIN
EXTRUDED PVC



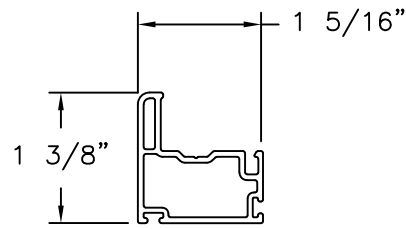
TOP PULL RAIL
EXTRUDED PVC



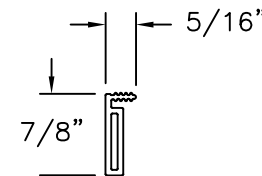
KEEPER RAIL
EXTRUDED PVC



LOCK RAIL
EXTRUDED PVC



STILE
EXTRUDED PVC



FLANGE
EXTRUDED PVC

REV	REVISIONS		DATE						
	DESCRIPTION								

NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

**SERIES 700/900 PVC DOUBLE HUNG WINDOW
FULLY REINFORCED NON-IMPACT
COMPONENTS**

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DWG NO. 08-04207	SHEET 11 OF 11
SCALE NTS	REV - FPA -
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