

- 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 #8 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

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 – 10	INSTALLATION DETAILS
11	COMPONENTS

REVISIONS

REV	DESCRIPTION	DATE

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

SERIES 700/900 PVC HORIZONTAL SLIDER
FULLY REINFORCED NON-IMPACT
NOTES

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

DWG NO.
08-04208

SHEET
1 OF 11

SCALE NTS

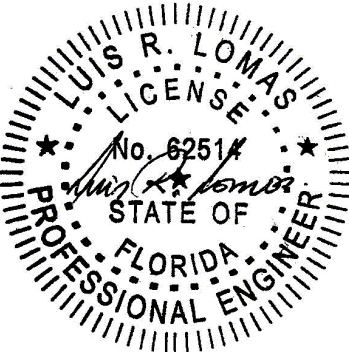
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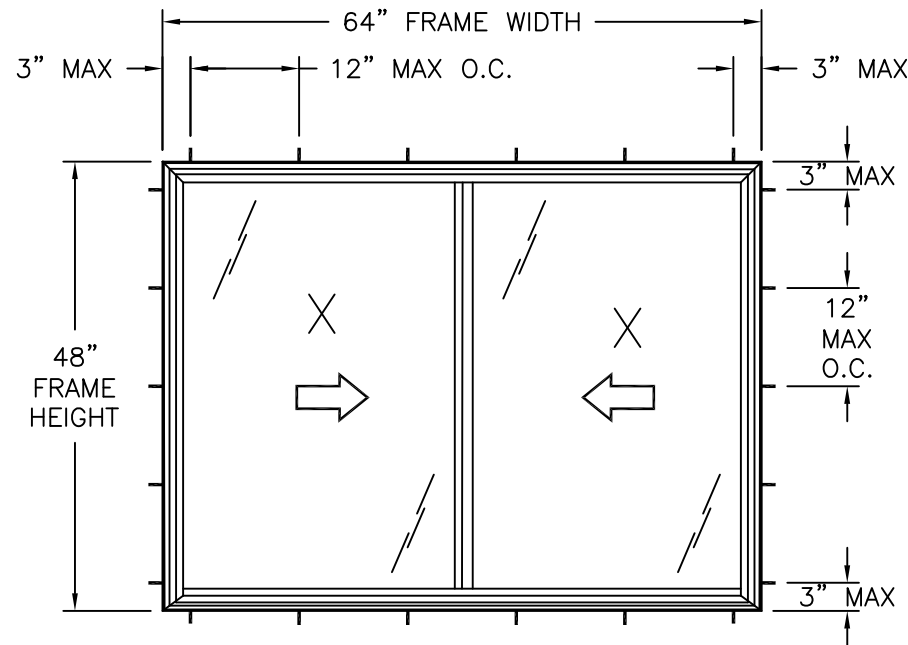
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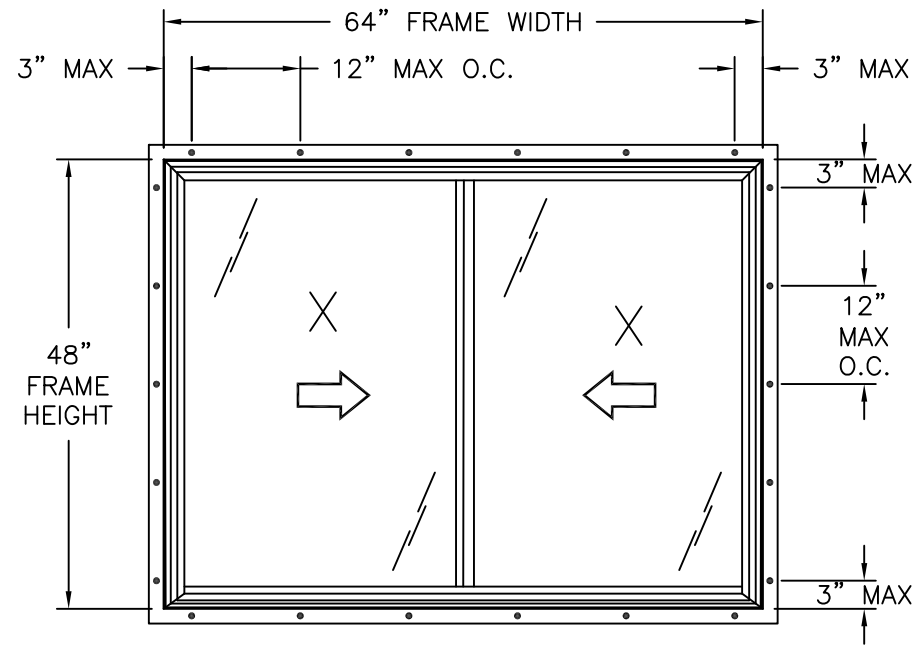
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Luis R. Lomas P.E.
FL No.: 62514



FINLESS INSTALLATION



FIN INSTALLATION

FULLY REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

- SASH SIZE: 31 1/4" X 44 3/8"
- SASH D.L.O.: 28 1/2" X 41 5/8"

HARDWARE SCHEDULE

A.	(2) CAM LOCK WITH KEEPER AT LOCK STILE
B.	(4) GLIDE PAD AT SASH BOTTOM RAIL
C.	ALUMINUM REINFORCEMENT (746) AT KEEPER, LOCK, TOP AND BOTTOM RAILS

Chart #1
Design pressure Rating (psf)

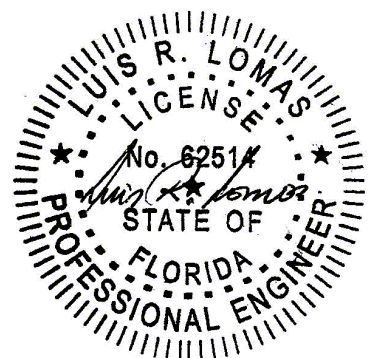
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	30.00		36.00		42.00		48.00		54.00		60.00		64.00		72.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5
30.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	64.0
36.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	67.5	45.0	64.0	45.0	60.0	45.0	53.3
42.00	45.0	67.5	45.0	67.5	45.0	67.5	45.0	64.0	45.0	59.9	45.0	54.9	45.0	51.4	45.0	45.7
48.00	45.0	67.5	45.0	65.6	45.0	58.5	45.0	53.3	45.0	49.5	45.0	46.5	45.0	45.0	-	-
54.00	45.0	57.7	45.0	48.8	42.5	42.5	37.9	37.9	34.5	34.5	-	-	-	-	-	-
60.00	41.8	41.8	35.3	35.3	30.6	30.6	27.2	27.2	-	-	-	-	-	-	-	-
66.00	31.3	31.3	26.3	26.3	22.8	22.8	-	-	-	-	-	-	-	-	-	-
72.00	24.0	24.0	20.2	20.2	17.5	17.5	-	-	-	-	-	-	-	-	-	-
78.00	18.8	18.8	15.8	15.8	-	-	-	-	-	-	-	-	-	-	-	-
84.00	15.1	15.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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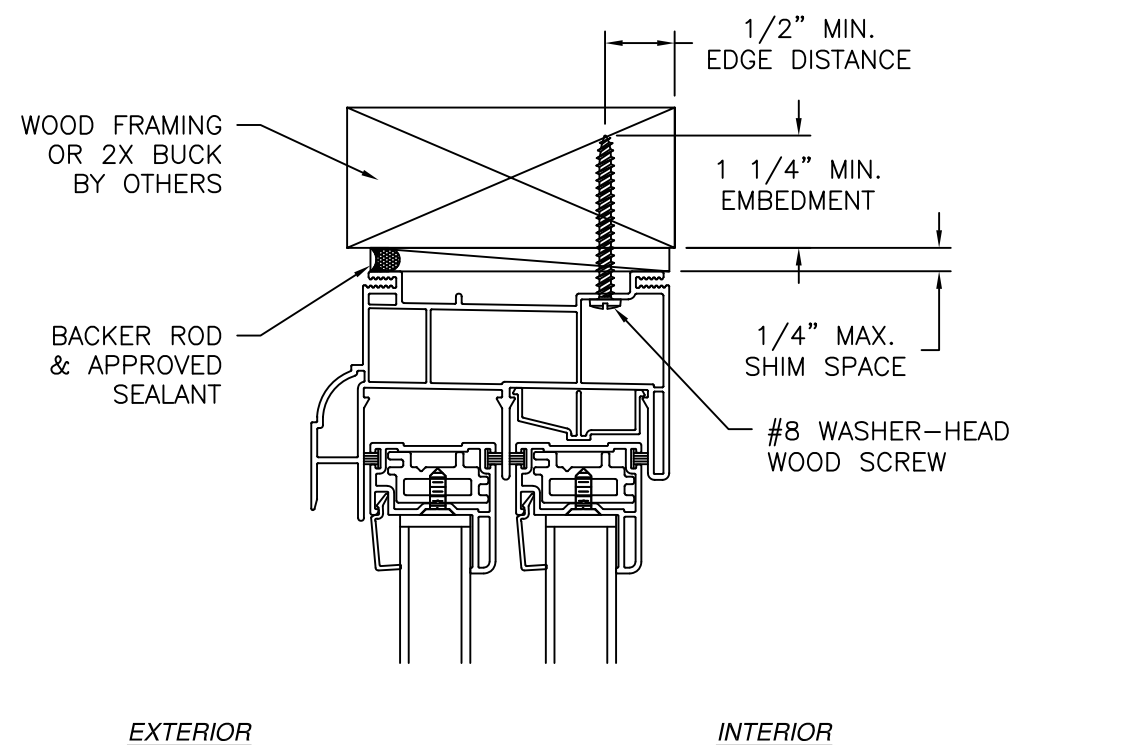
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	SERIES 700/900 PVC HORIZONTAL SLIDER FULLY REINFORCED NON-IMPACT ELEVATIONS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-04208		SHEET 2 OF 11	
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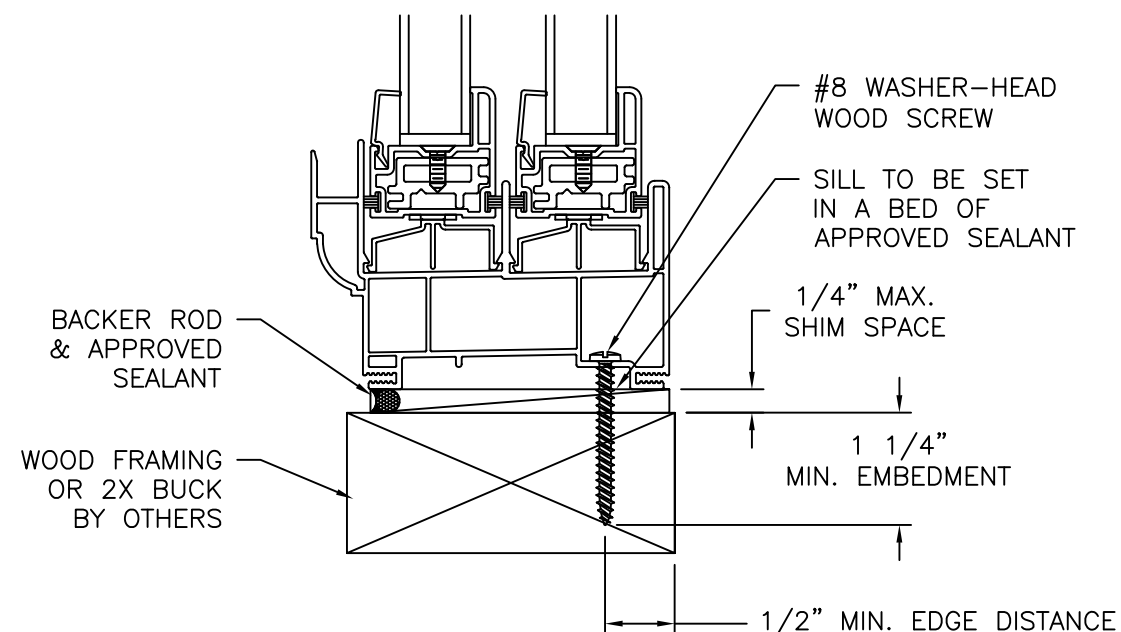


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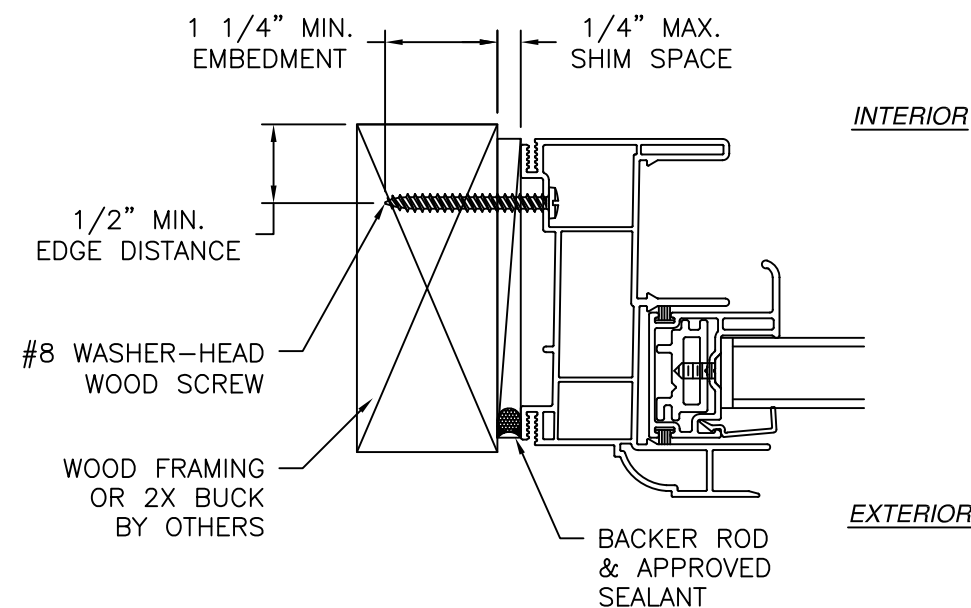


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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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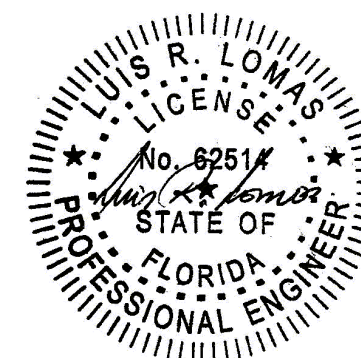
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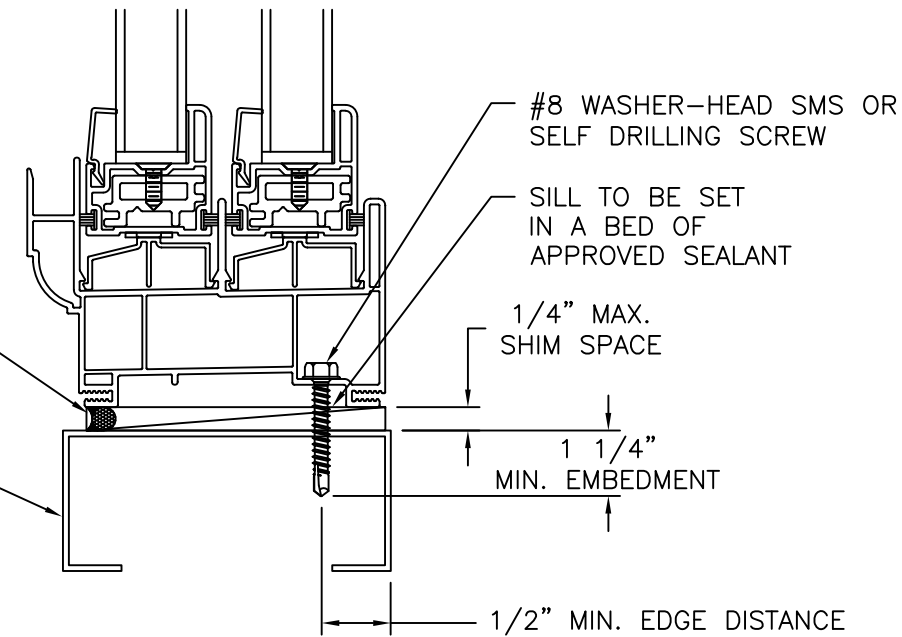
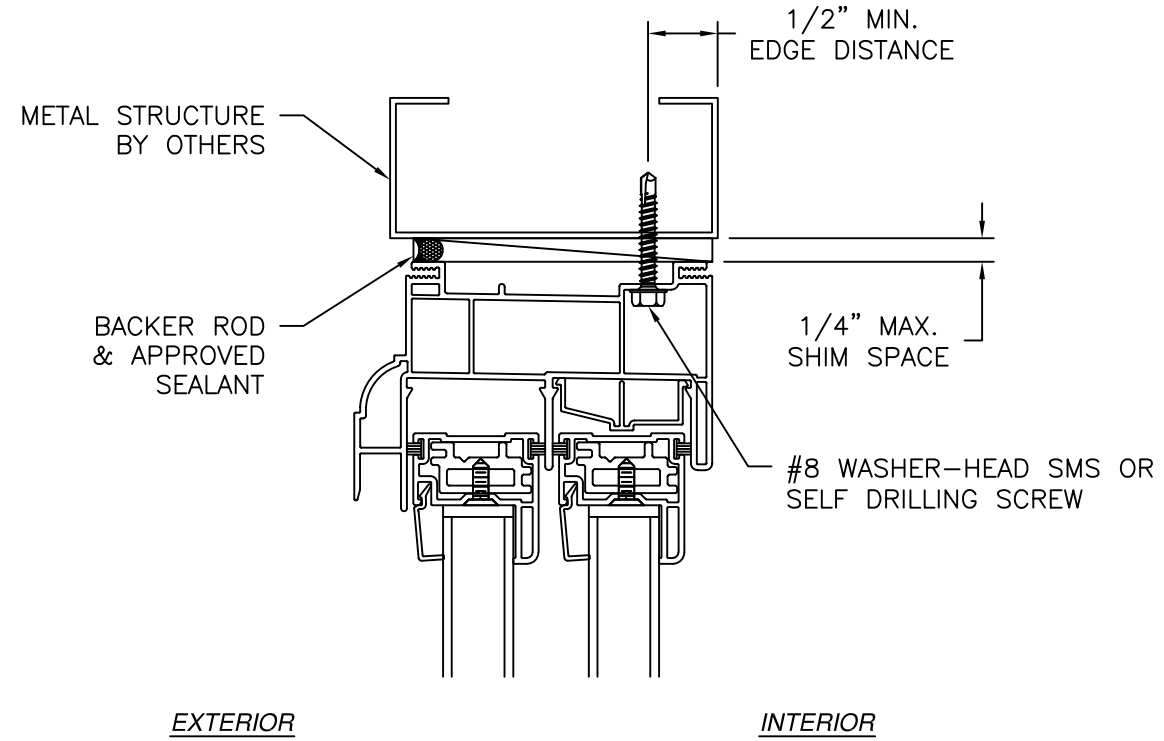
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208 7th Ave, INDIANLANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

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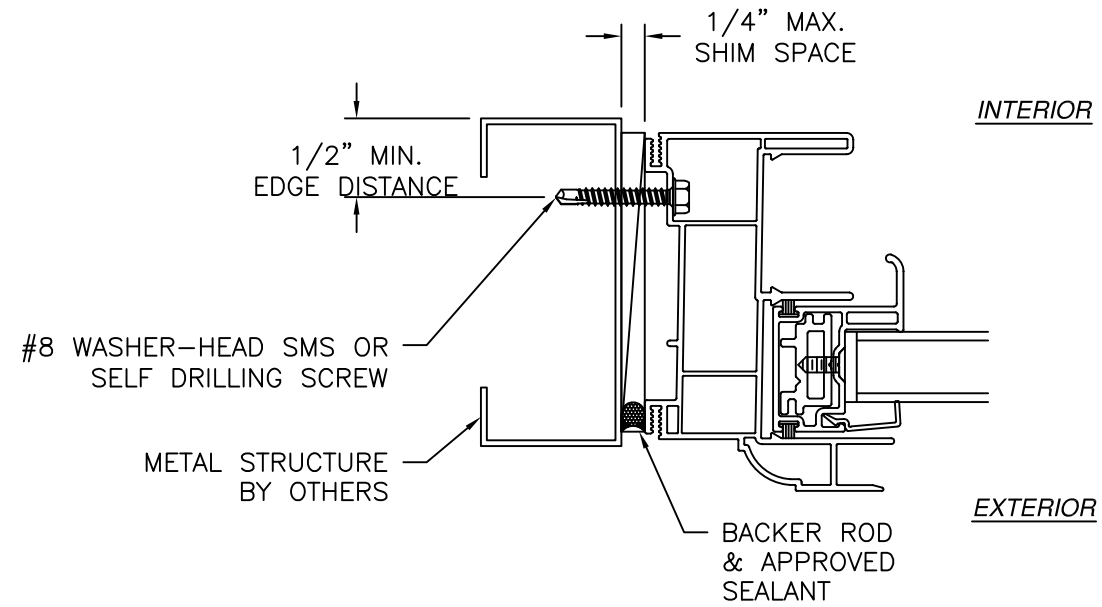
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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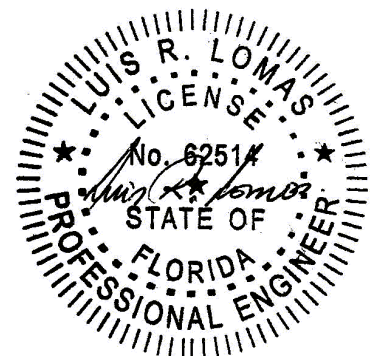
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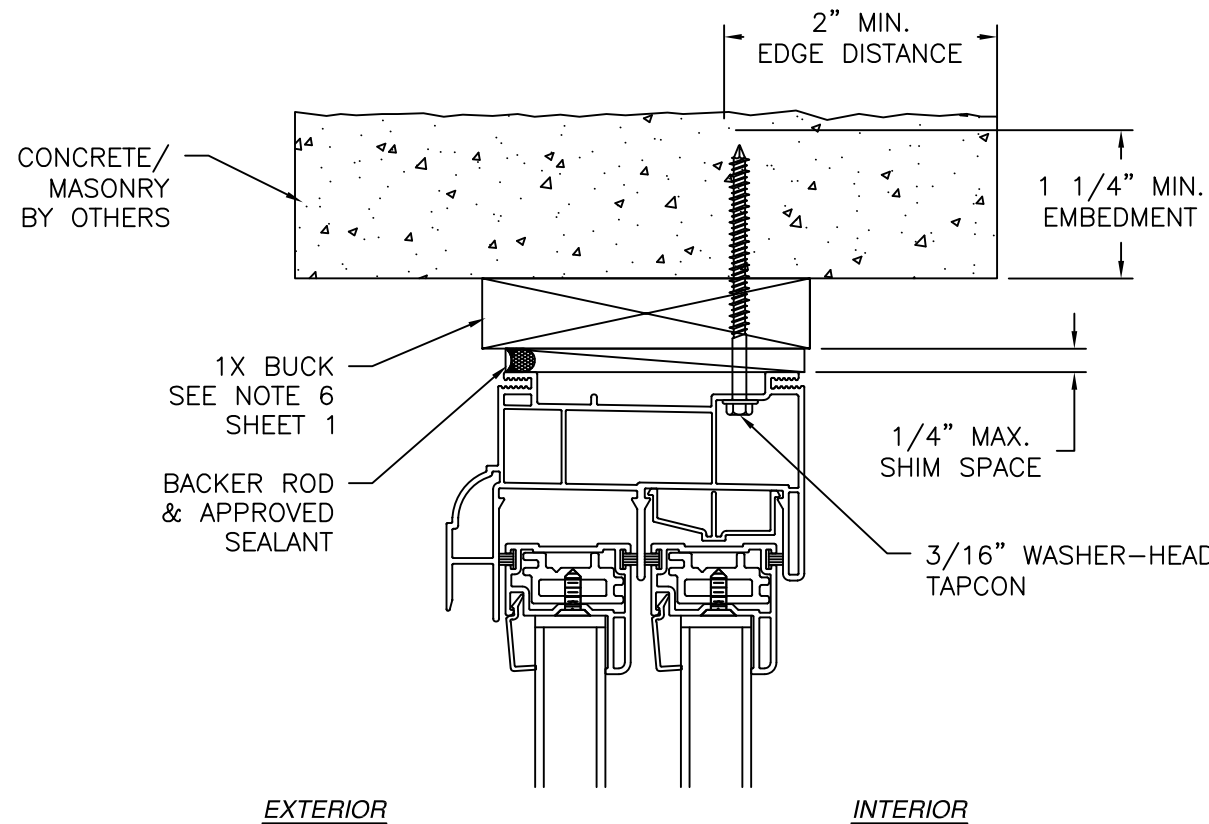
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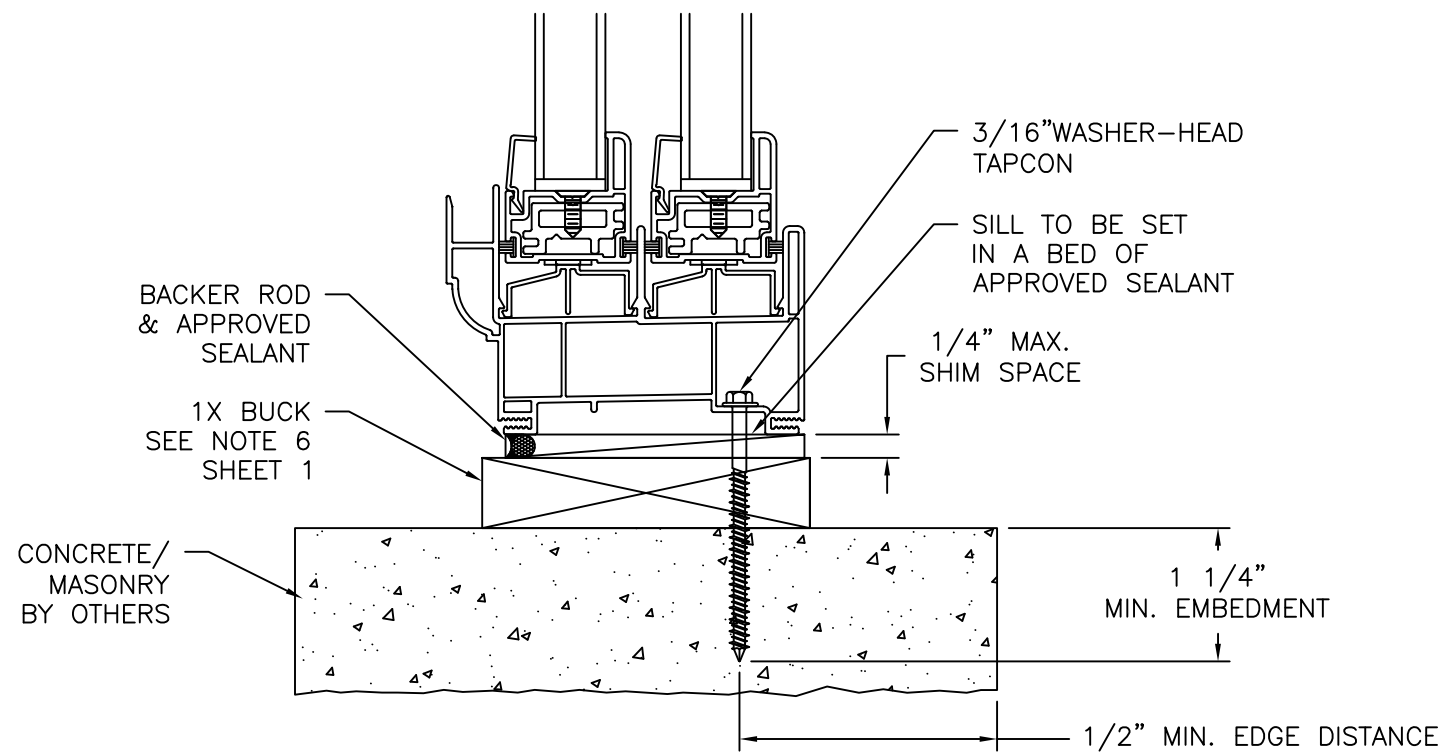


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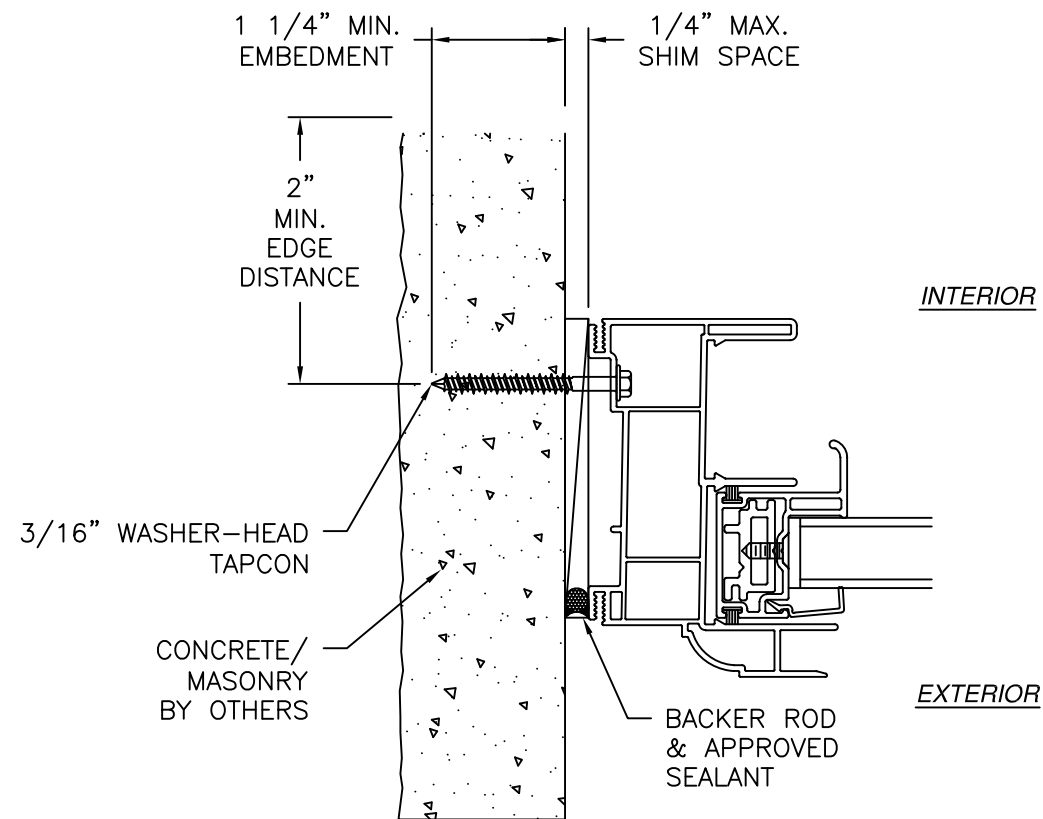
EXTERIOR

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 WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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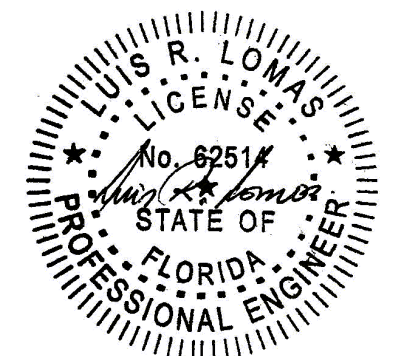
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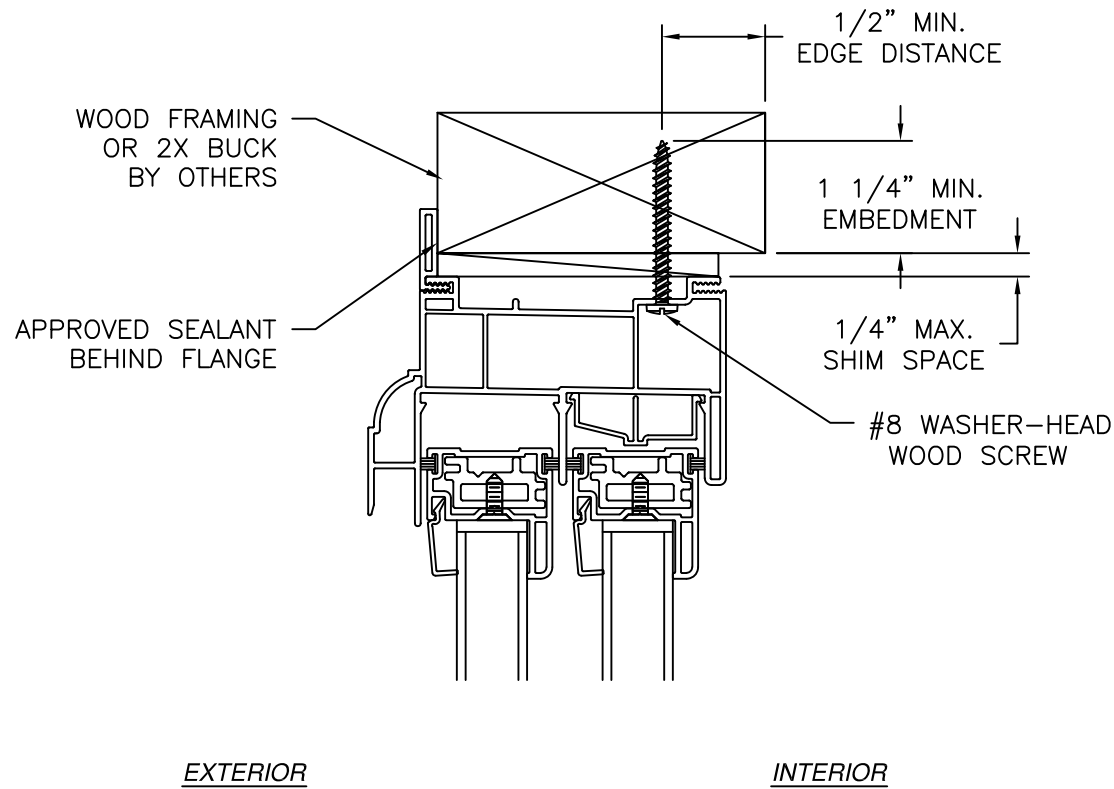
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208 7th Ave, INDIANLANTIC, FL 32903
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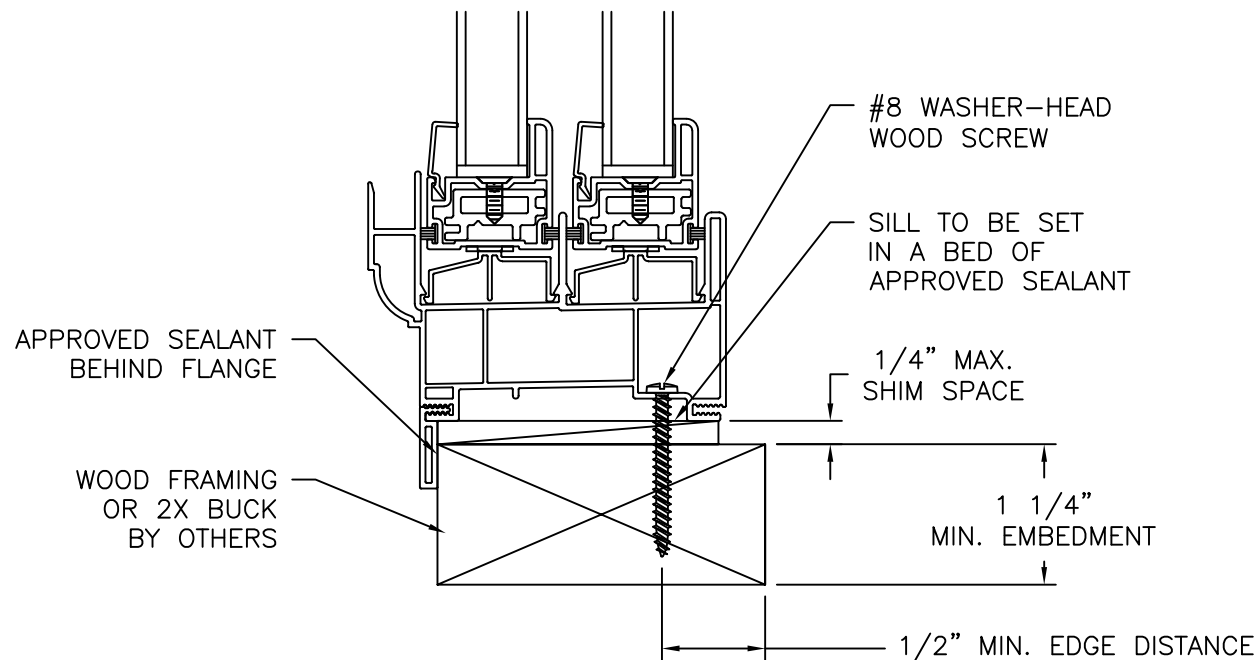


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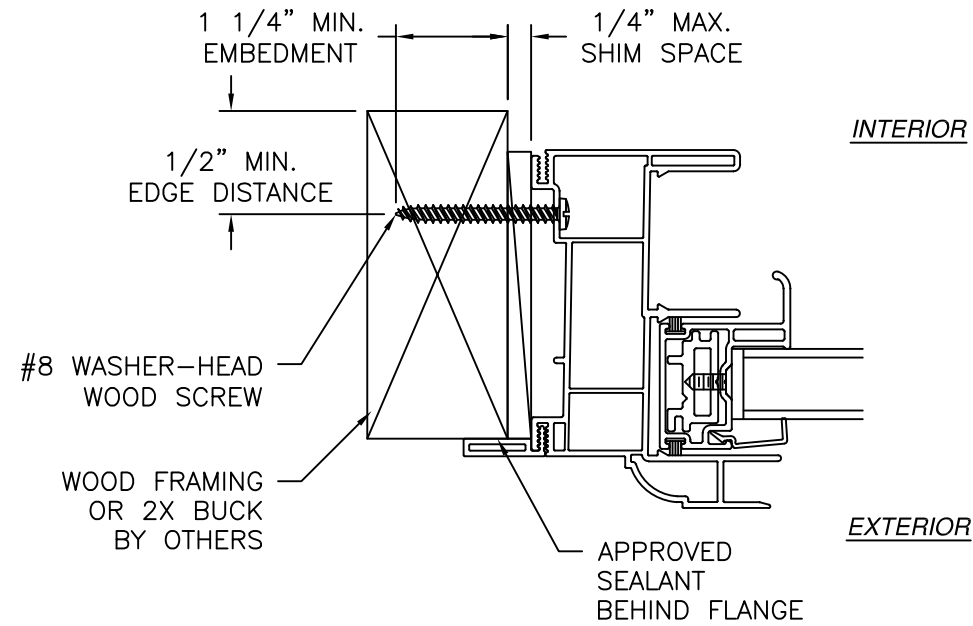


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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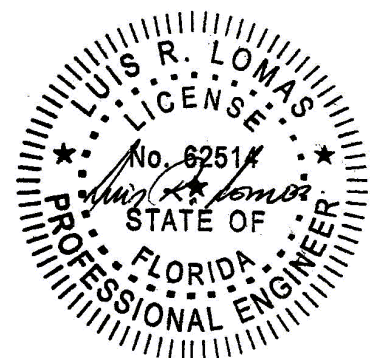
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FLANGE INSTALLATION DETAILS**

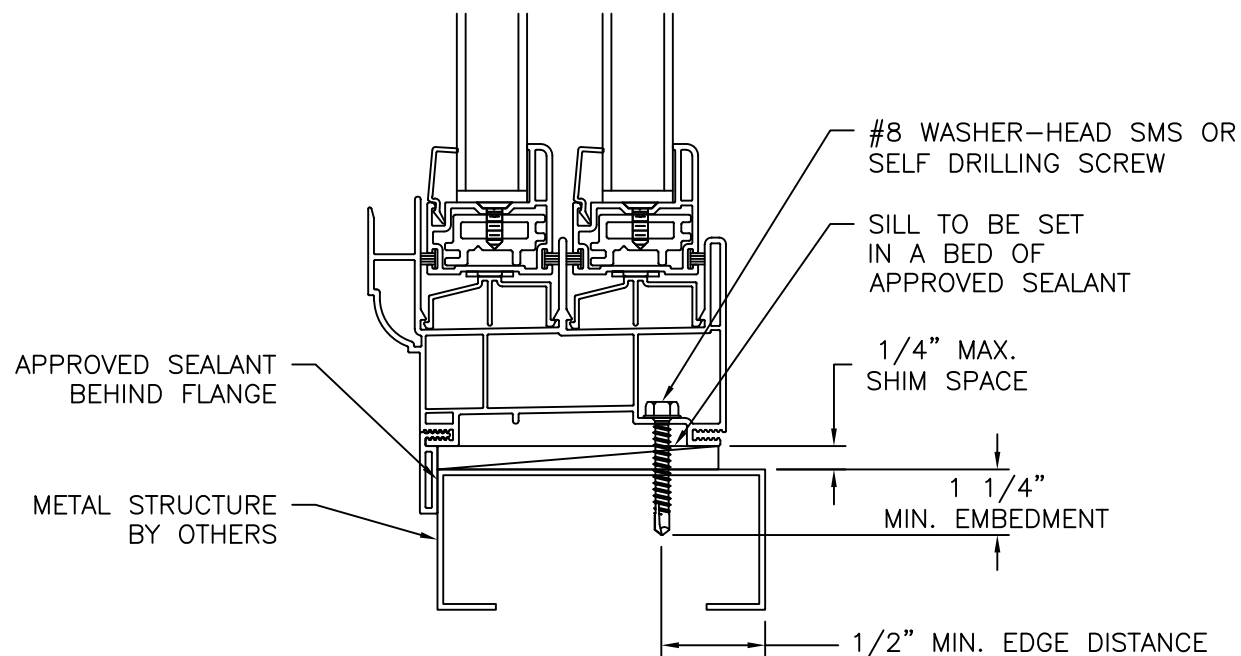
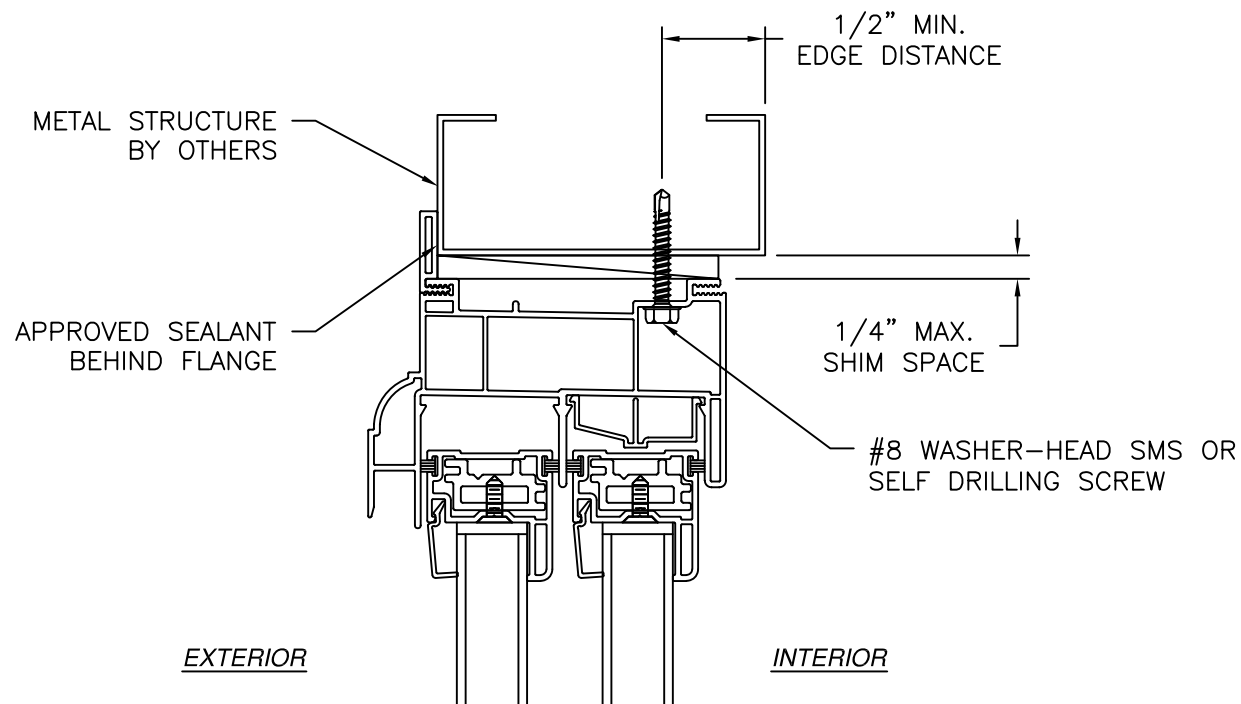
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208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

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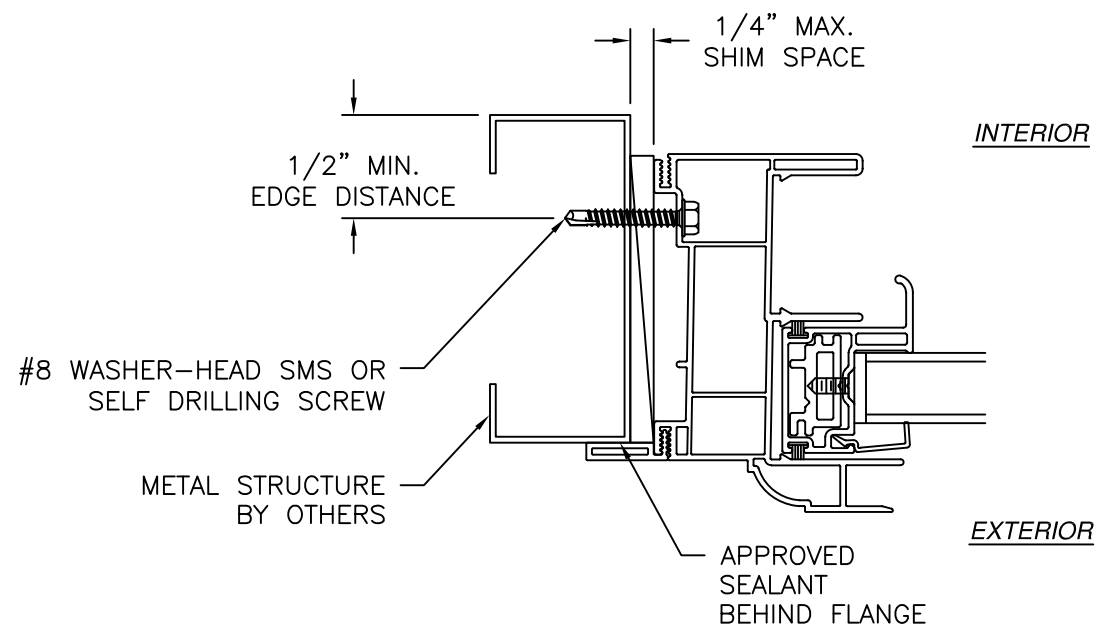
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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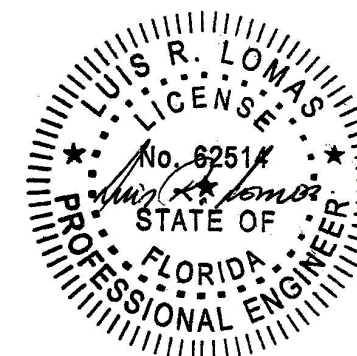
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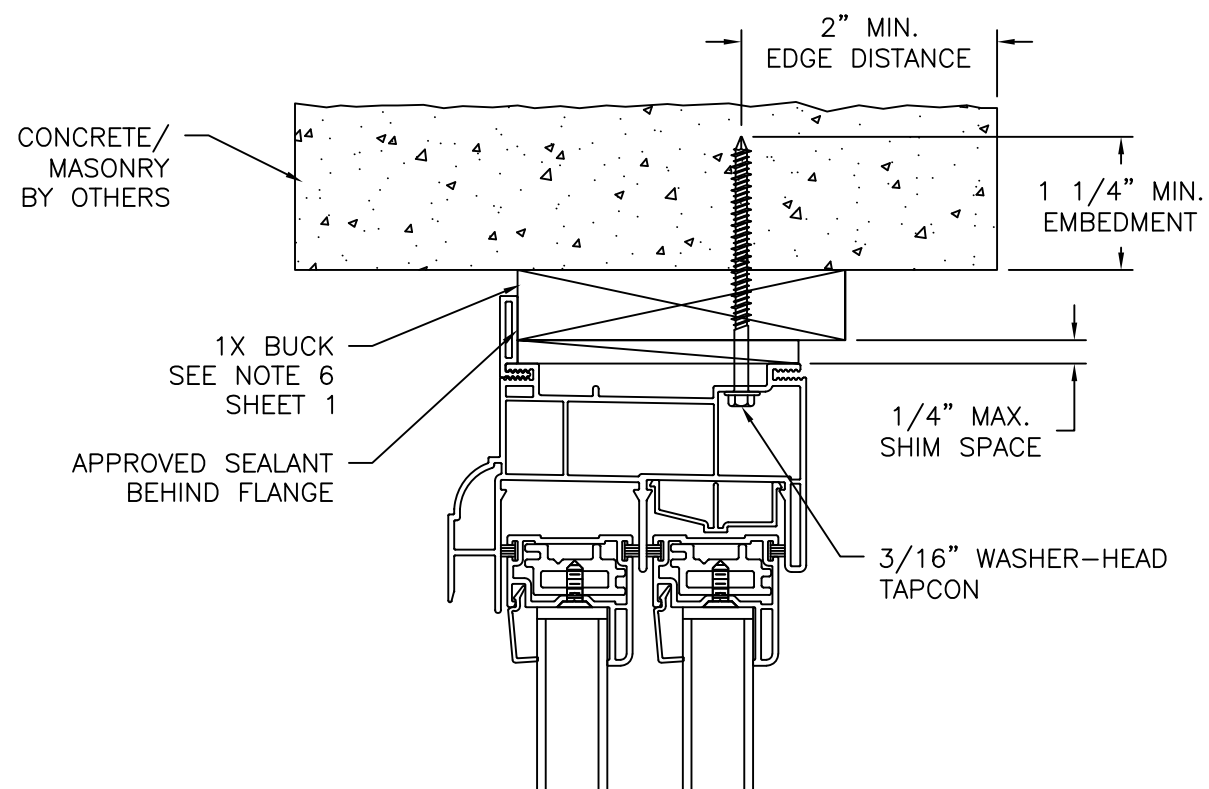
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SERIES 700/900 PVC HORIZONTAL SLIDER FULLY REINFORCED NON-IMPACT FLANGE INSTALLATION DETAILS		

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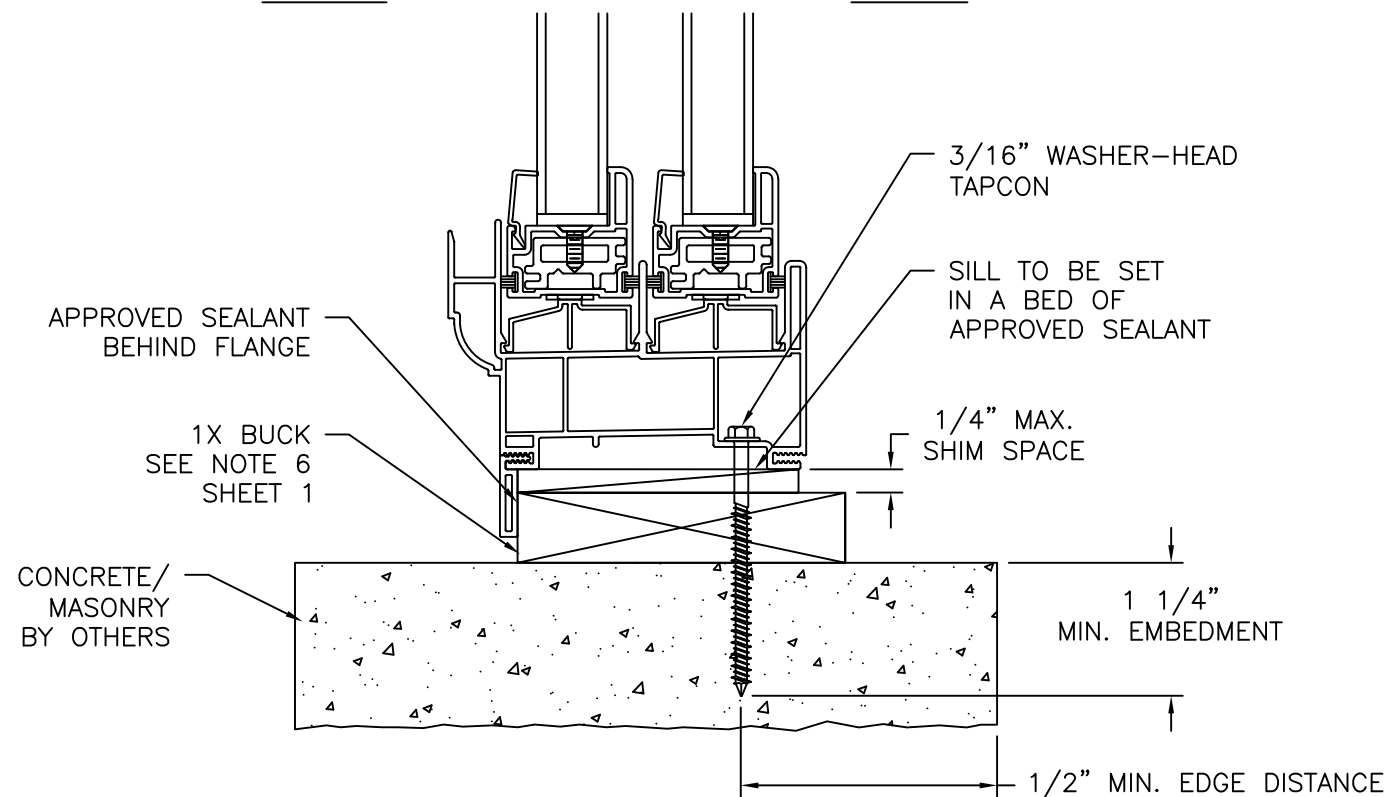


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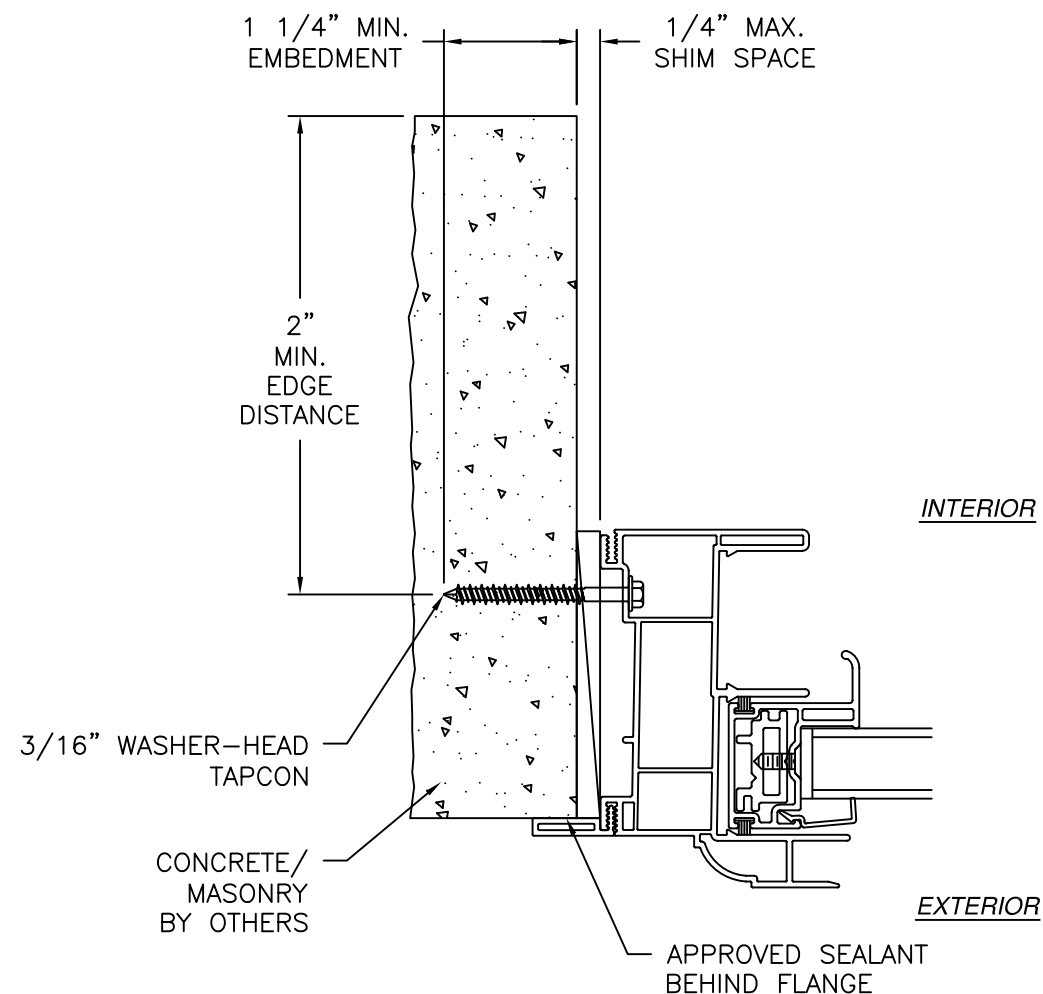
EXTERIOR

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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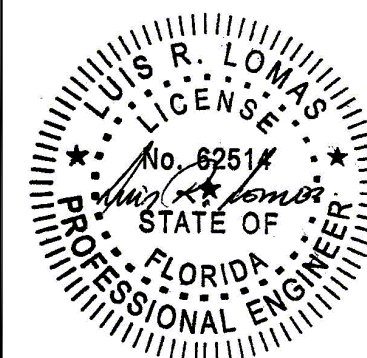
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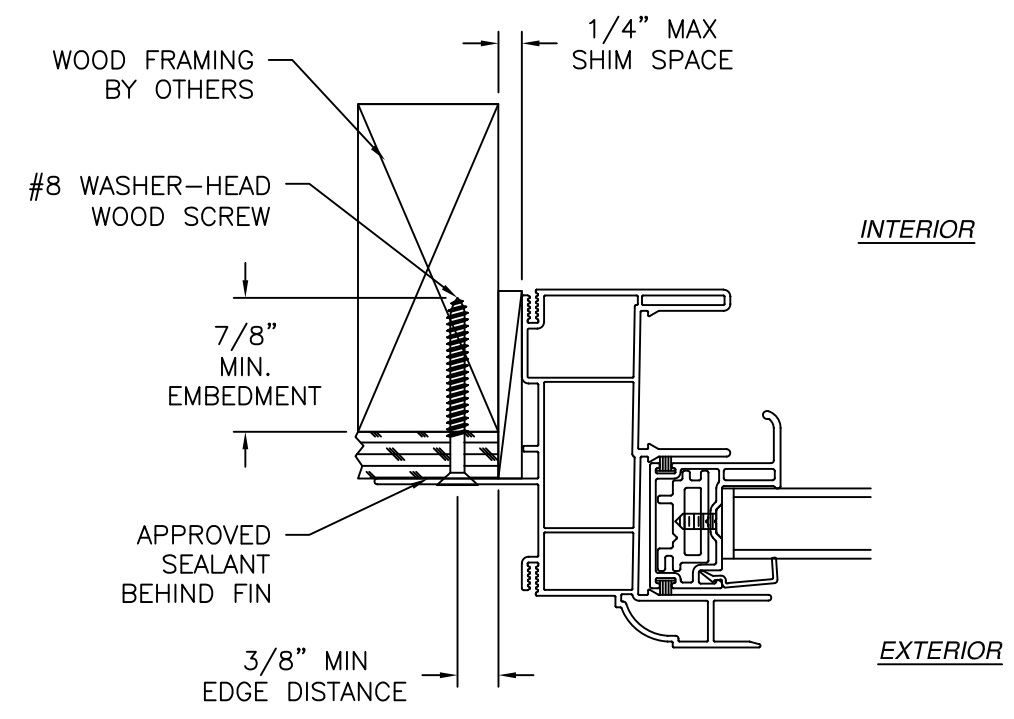
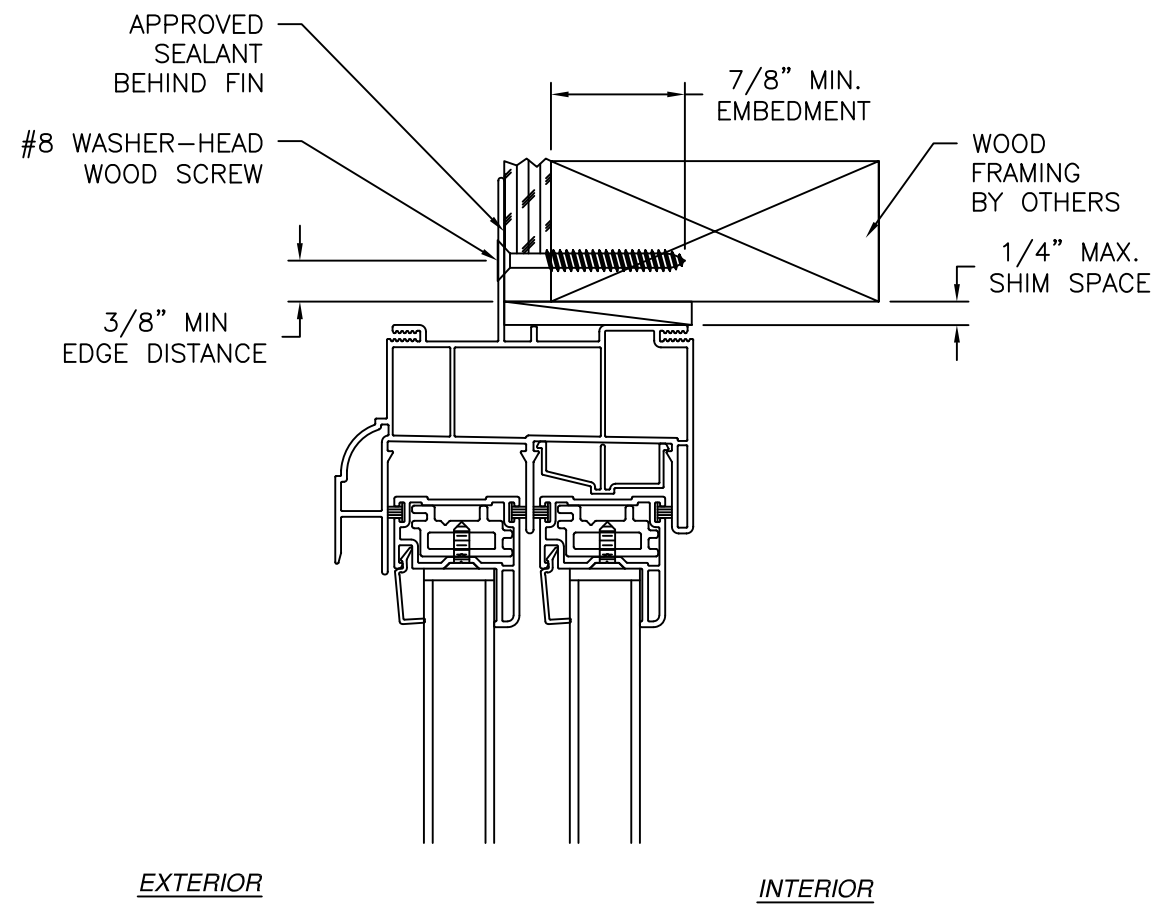
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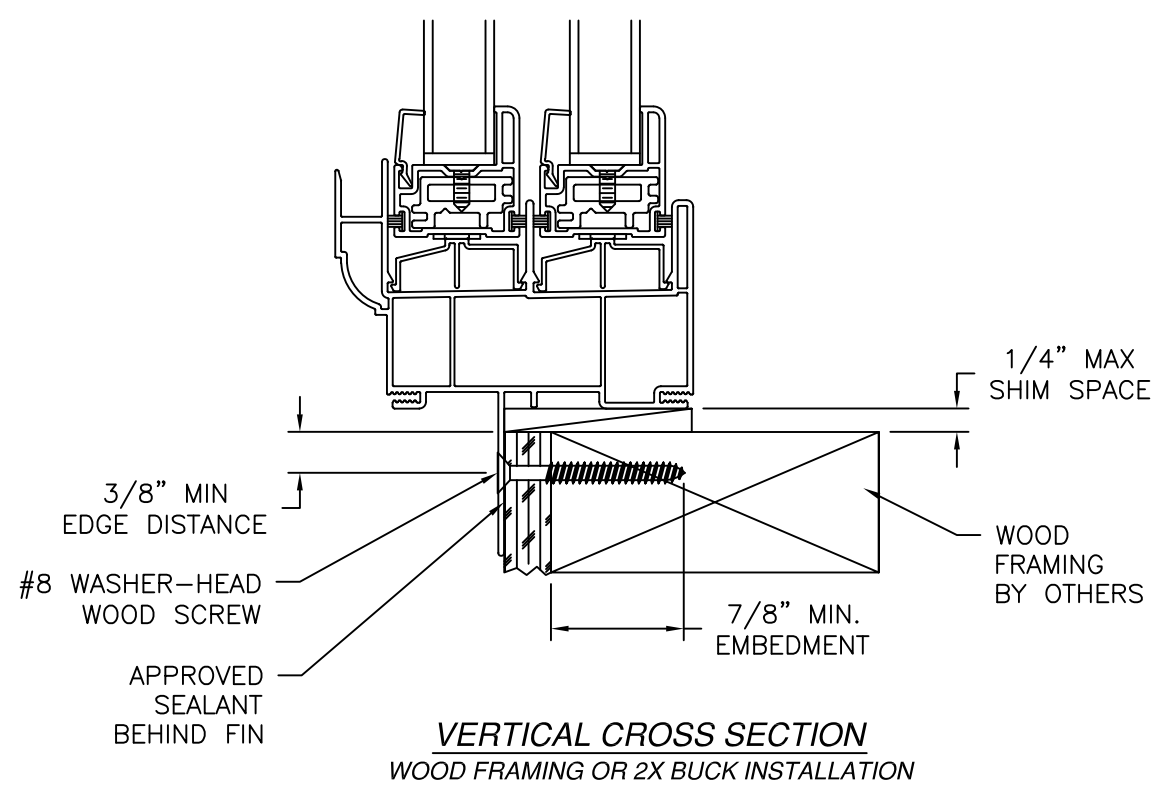
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



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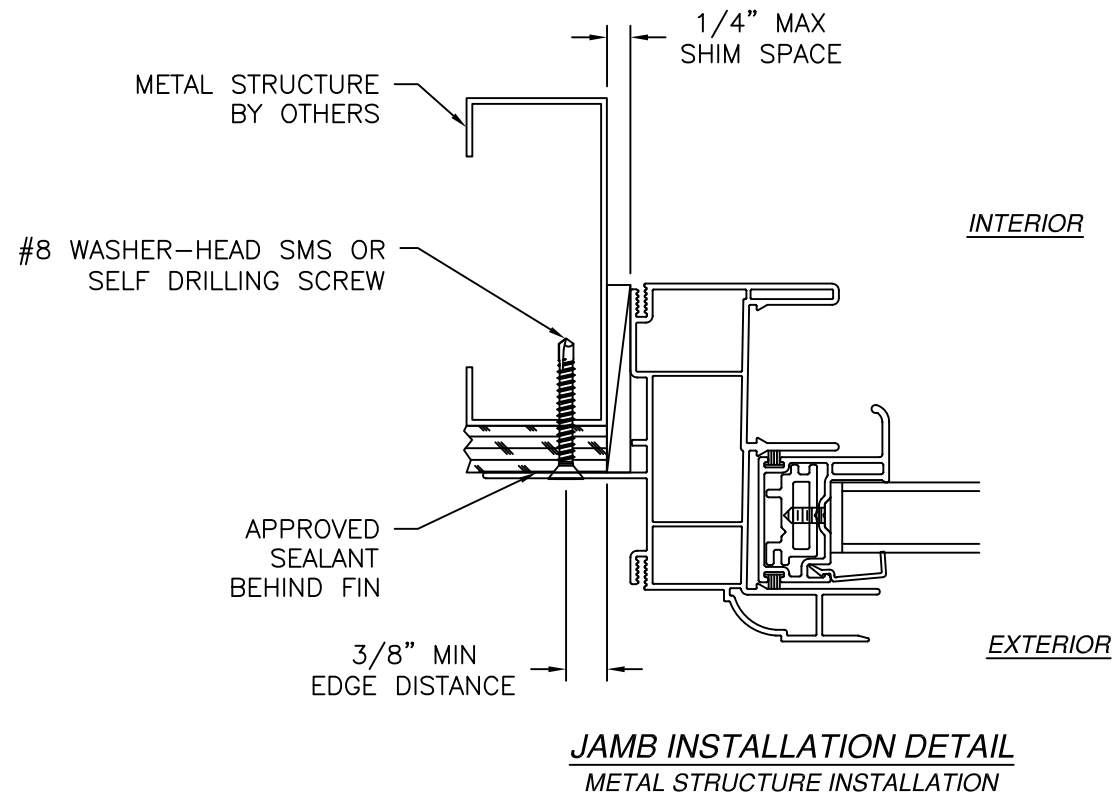
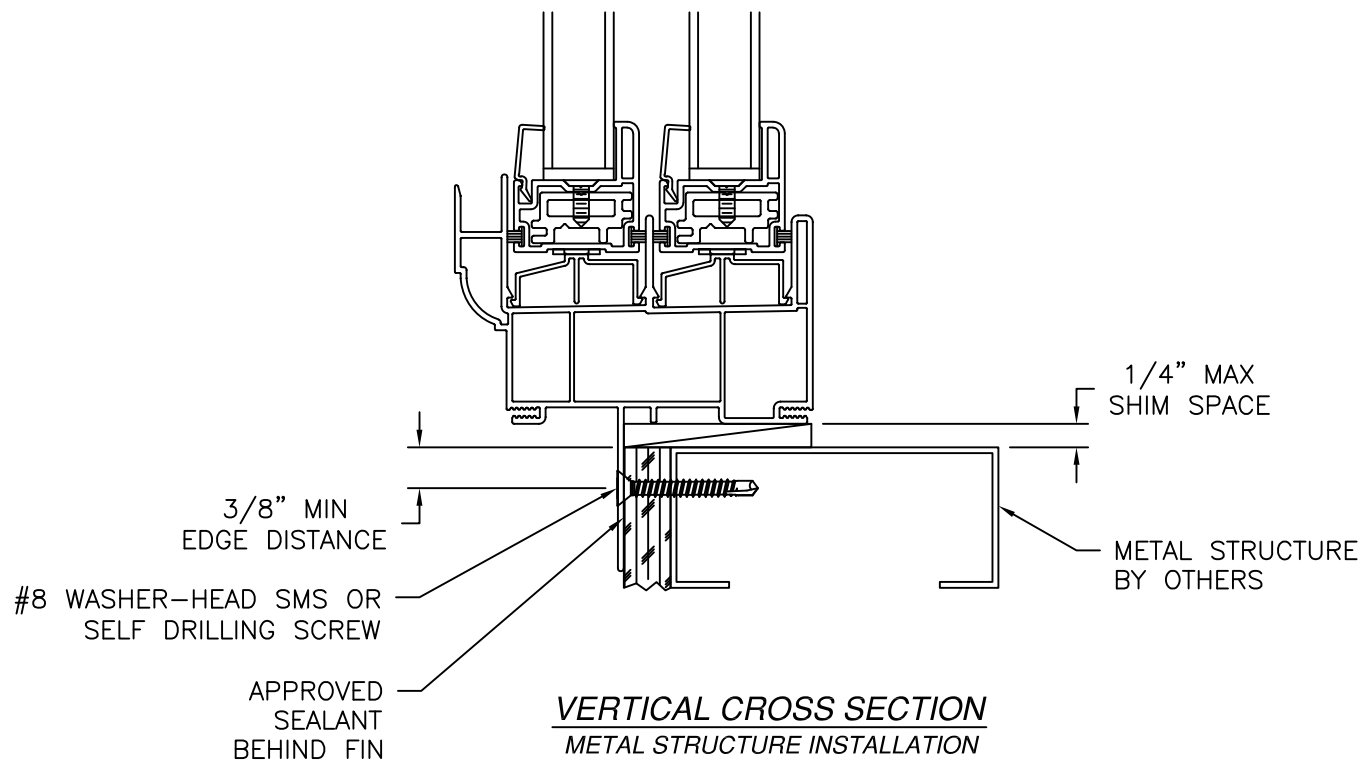
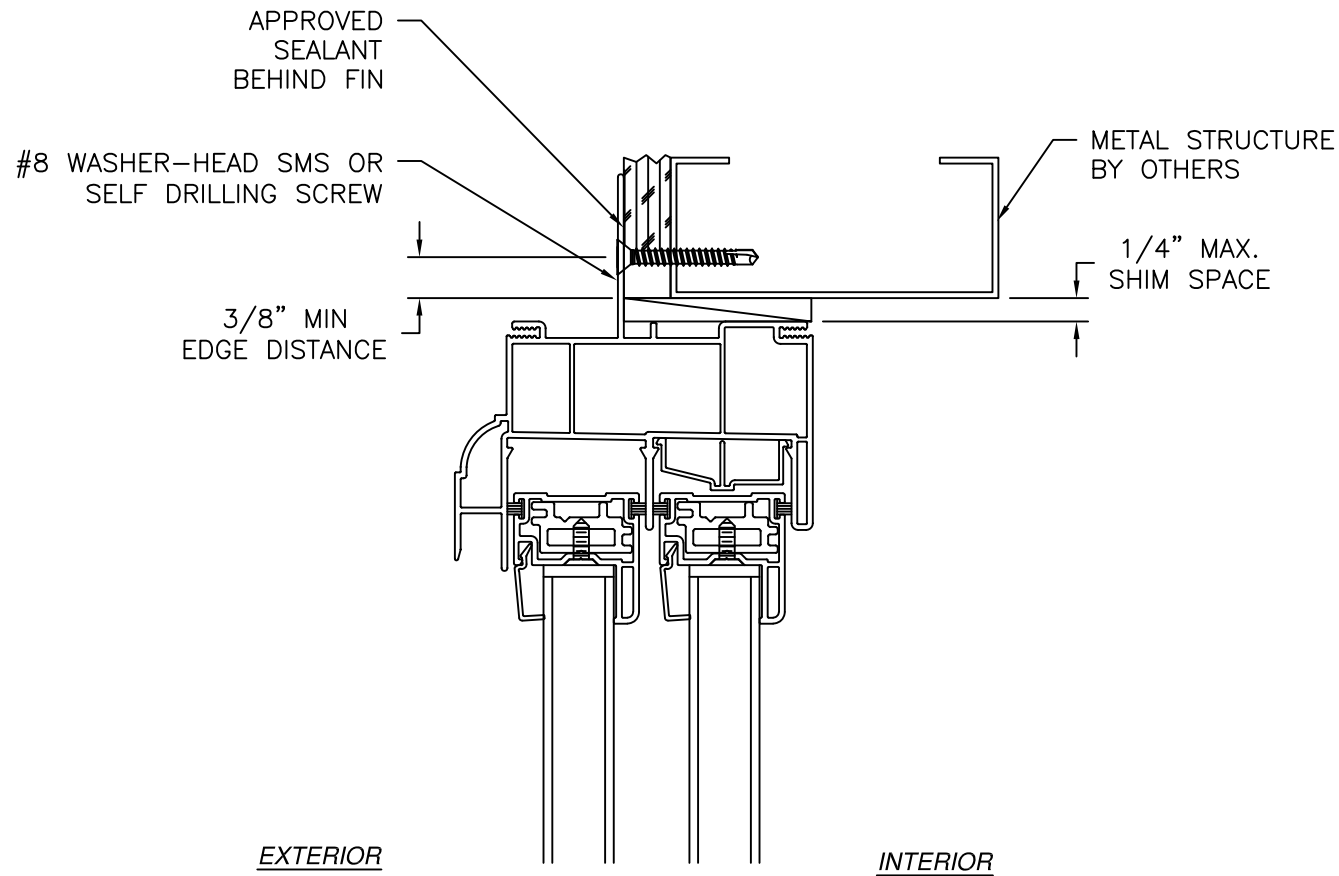
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208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

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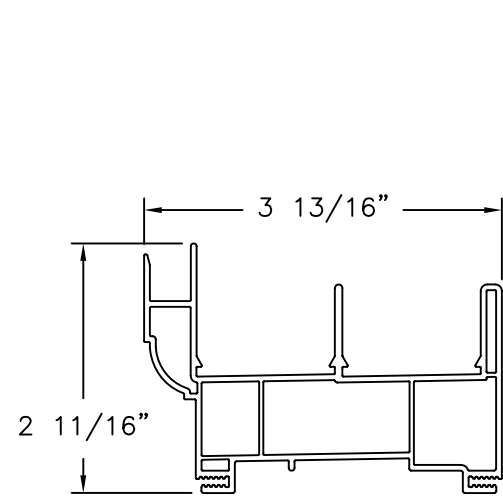
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NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	SERIES 700/900 PVC HORIZONTAL SLIDER FULLY REINFORCED NON-IMPACT FIN INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com

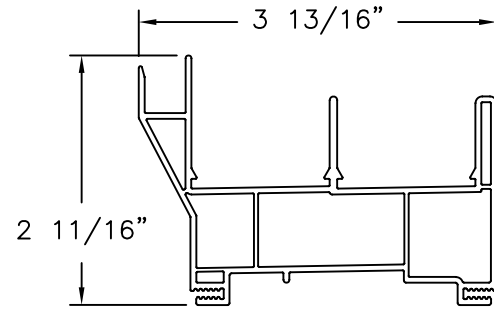
DWG NO. 08-04208	SHEET 10 OF 11
SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

SIGNED: 07/06/2026

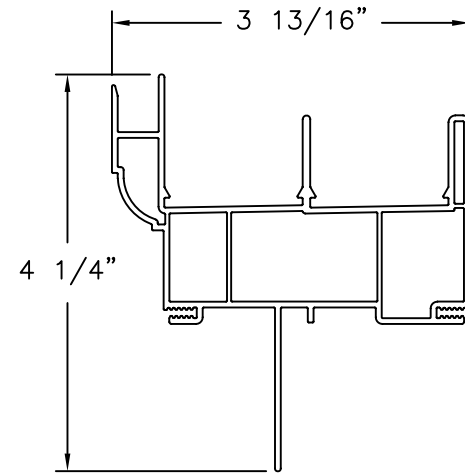
Luis R. Lomas P.E.
FL No.: 62514



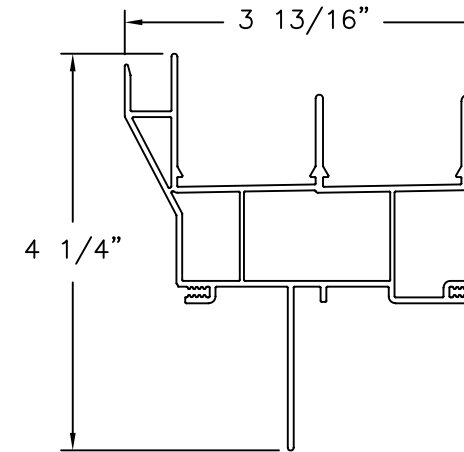
900 SERIES FRAME
EXTRUDED PVC



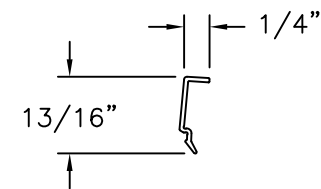
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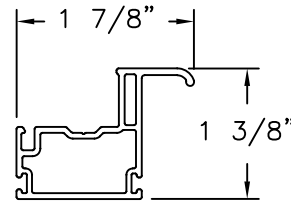
900 SERIES FRME WITH FIN
EXTRUDED PVC



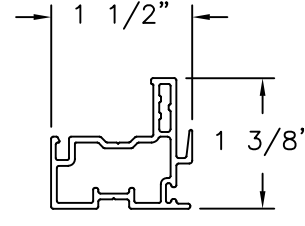
700 SERIES FRAME WITH FIN
EXTRUDED PVC



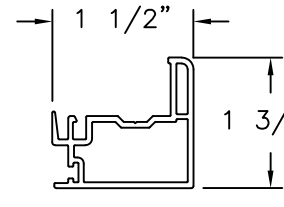
7/8" GLAZING BEAD
EXTRUDED PVC



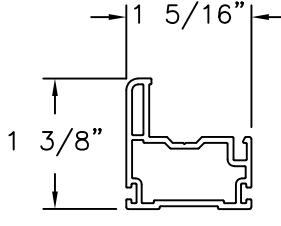
TOP LIFT RAIL
EXTRUDED PVC



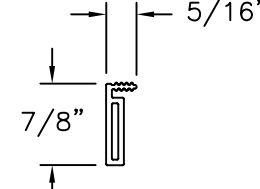
KEEPER RAIL
GALVANIZED STEEL



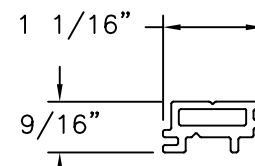
LOCK RAIL
GALVANIZED STEEL



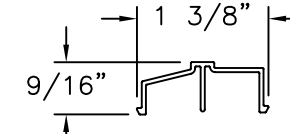
SLIDER RAIL
EXTRUDED PVC



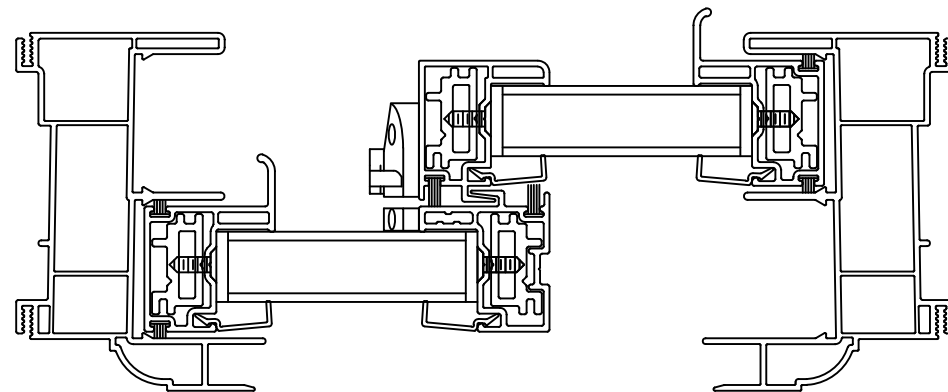
FLANGE
EXTRUDED PVC



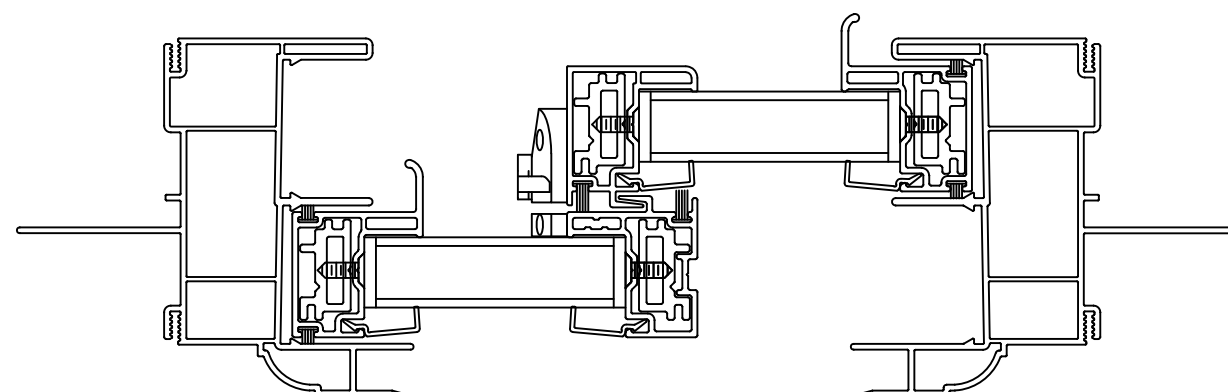
REINFORCEMENT
ALUMINUM



SILL RISER
EXTRUDED PVC



FINLESS HORIZONTAL CROSS SECTION



FIN HORIZONTAL CROSS SECTION

REV	REVISIONS		DATE
	DESCRIPTION		

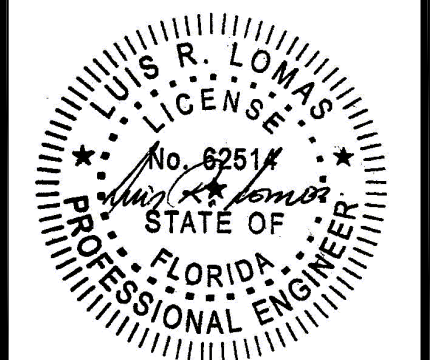
NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

**SERIES 700/900 PVC HORIZONTAL SLIDER
FULLY REINFORCED NON-IMPACT
COMPONENTS**

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

DWG NO. 08-04208	SHEET 11 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