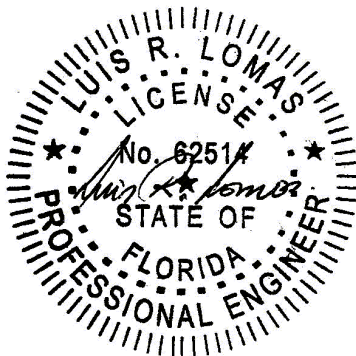
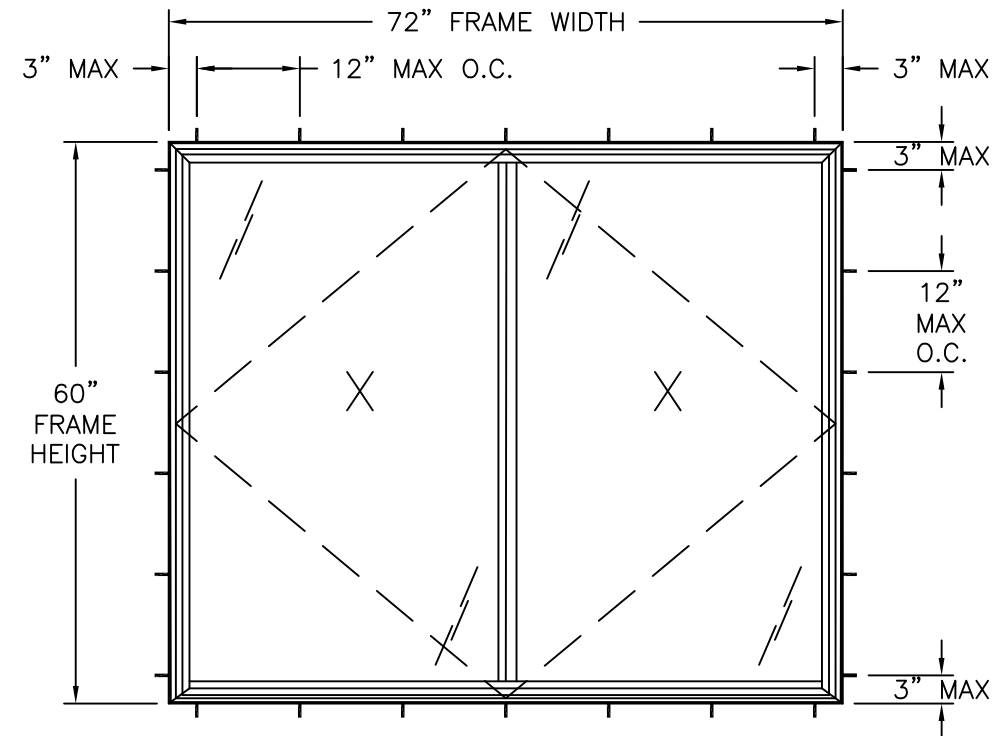


1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT 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 $C_d=1.6$ 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.

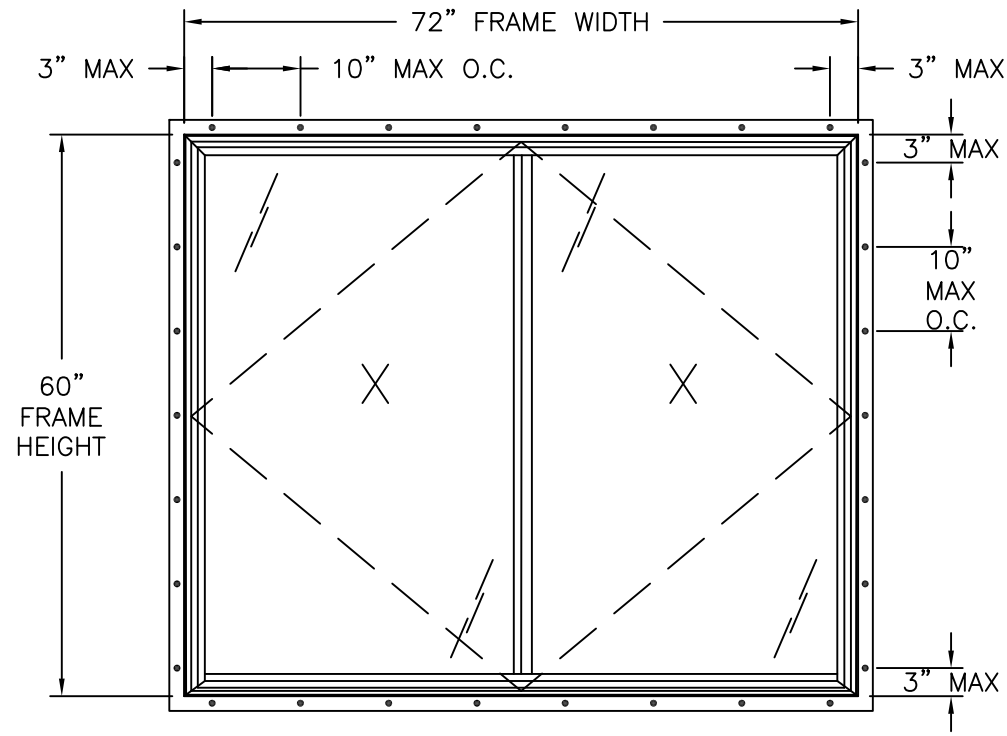
13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 WASHER-HEAD SMS 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

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

NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133 C100 TWIN CASEMENT NON-IMPACT NOTES L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC, FL 32903 434-688-0609 rllomas@rllomaspe.com		REV		DESCRIPTION		DATE	
DWG NO. 08-04214				SHEET 1 OF 11			
SCALE NTS		REV —		FPA —			
DRAWN R.L.			DATE: 06/10/26				
<i>SIGNED: 06/10/2026</i>  Luis R. Lomas P.E. FL No.: 62514							



FINLESS & CLIP INSTALLATION



FIN INSTALLATION

NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

- SASH SIZE: 34 5/8" X 58"
- SASH D.L.O.: 30 1/4" X 53 1/2"

HARDWARE SCHEDULE

A.	(2) 3-POINT LATCH WITH KEEPER AT INTERIOR FRAME JAMBS
B.	(2) OPERATOR ASSEMBLY AT CENTER OF VENT BOTTOM RAIL
C.	(2) HANDLE AT CENTER OF SILL
D.	(4) SNUBBER AT VENT AND CENTER OF JAMB
E.	(2) HINGE SET AT VENT TOP AND BOTTOM RAILS

Chart #1
Design pressure Rating (psf)

Frame Height (in)	Frame width (in)															
	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	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0
30.00	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0
36.00	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0
42.00	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	57.1
48.00	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	56.3	50.0	50.0
54.00	50.0	60.0	50.0	60.0	50.0	60.0	50.0	60.0	50.0	55.3	50.0	51.7	49.7	49.7	44.4	44.4
60.00	50.0	60.0	50.0	60.0	50.0	58.2	50.0	52.5	48.2	48.2	44.8	44.8	43.0	43.0	40.0	40.0
65.00	50.0	60.0	50.0	55.9	48.4	48.4	43.0	43.0	38.8	38.8	35.5	35.5	33.7	33.7	-	-
72.00	48.7	48.7	40.9	40.9	35.4	35.4	31.3	31.3	28.1	28.1	25.7	25.7	-	-	-	-
78.00	38.2	38.2	32.0	32.0	27.7	27.7	24.4	24.4	21.9	21.9	-	-	-	-	-	-
84.00	30.5	30.5	25.6	25.6	22.1	22.1	19.5	19.5	-	-	-	-	-	-	-	-

NT WINDOW, INC.
2900 WET SEMINARY DR.
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C100 TWIN CASEMENT
NON-IMPACT
ELEVATIONS

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

DWG NO.
08-04214

SHEET
2 OF 11

SCALE NTS

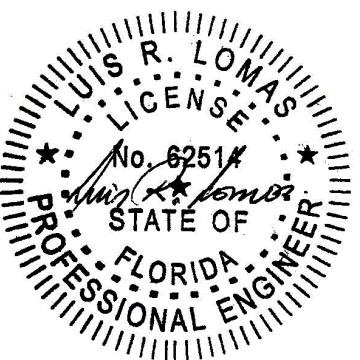
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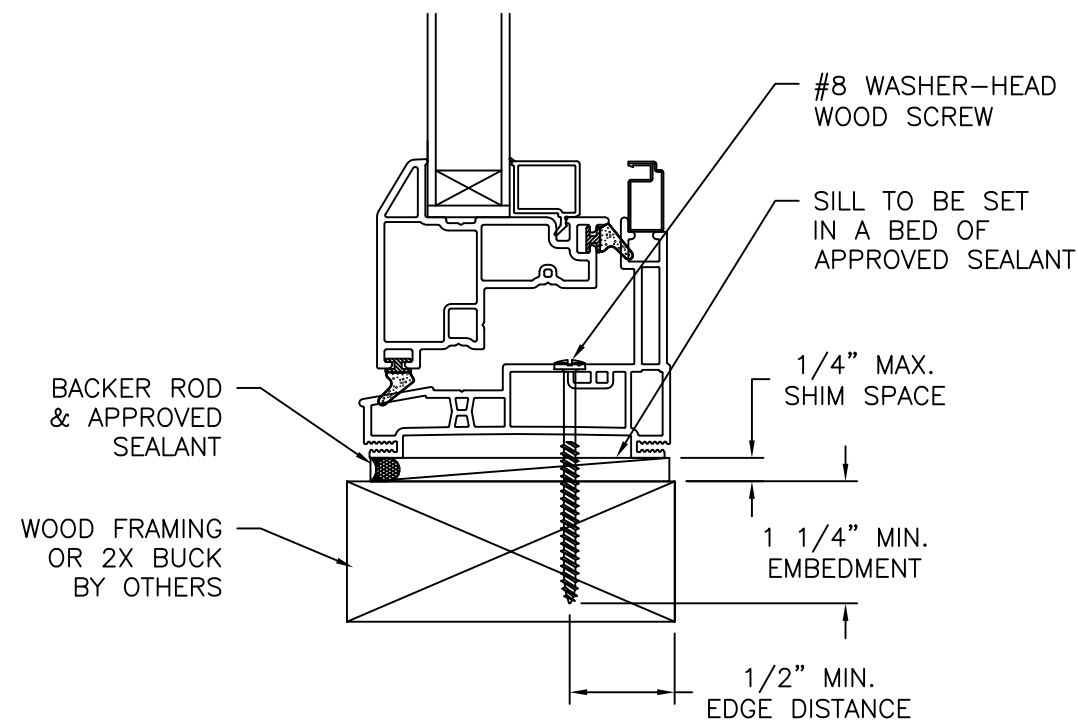
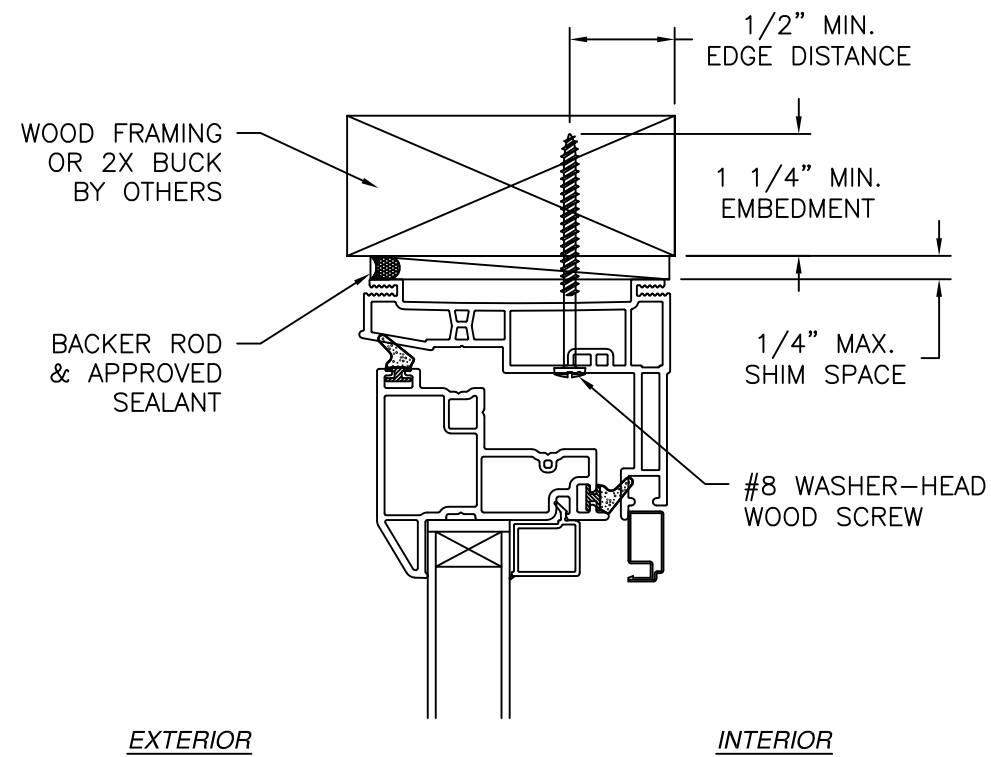
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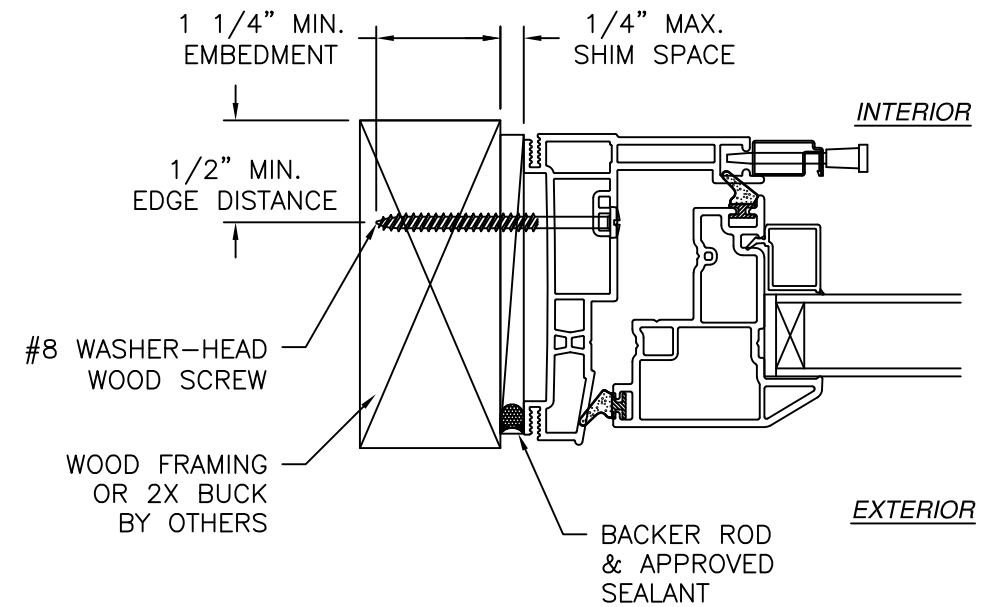
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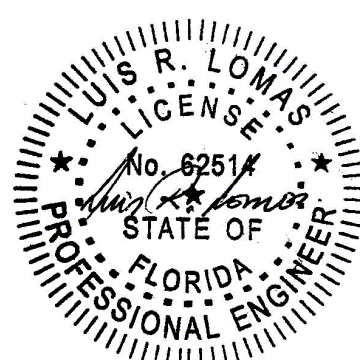
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WOOD FRAMING OR 2X BUCK INSTALLATION

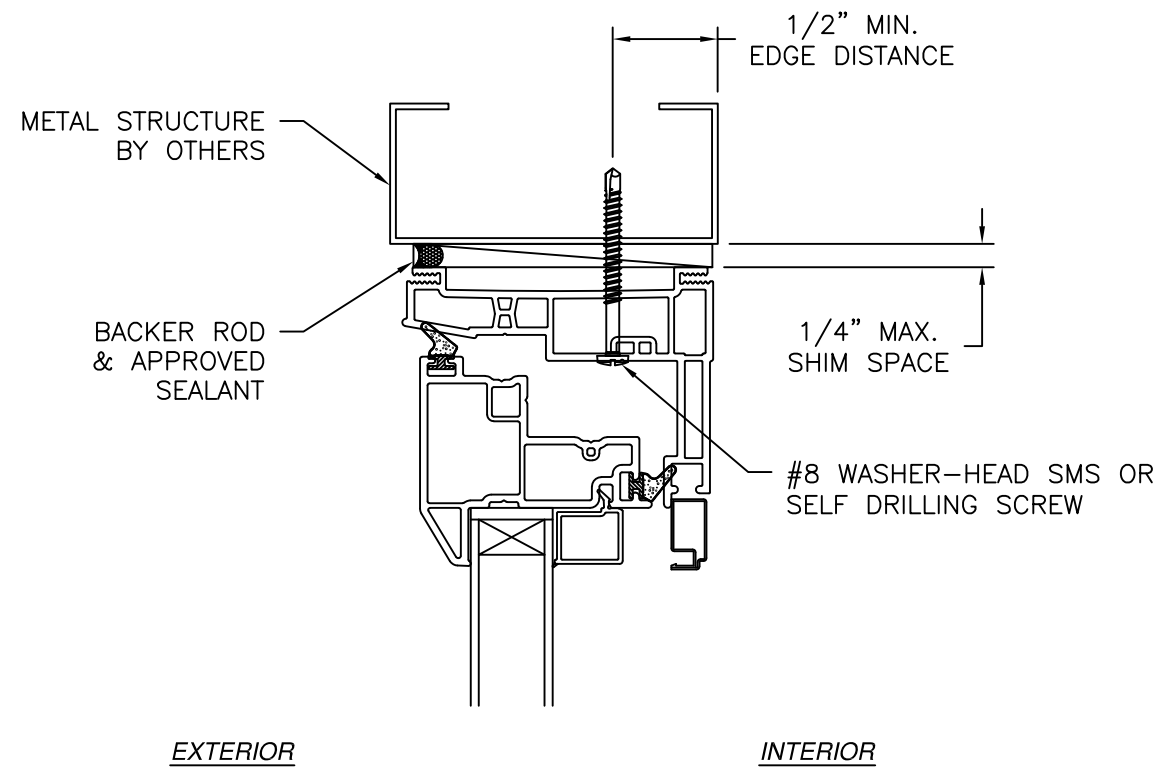


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

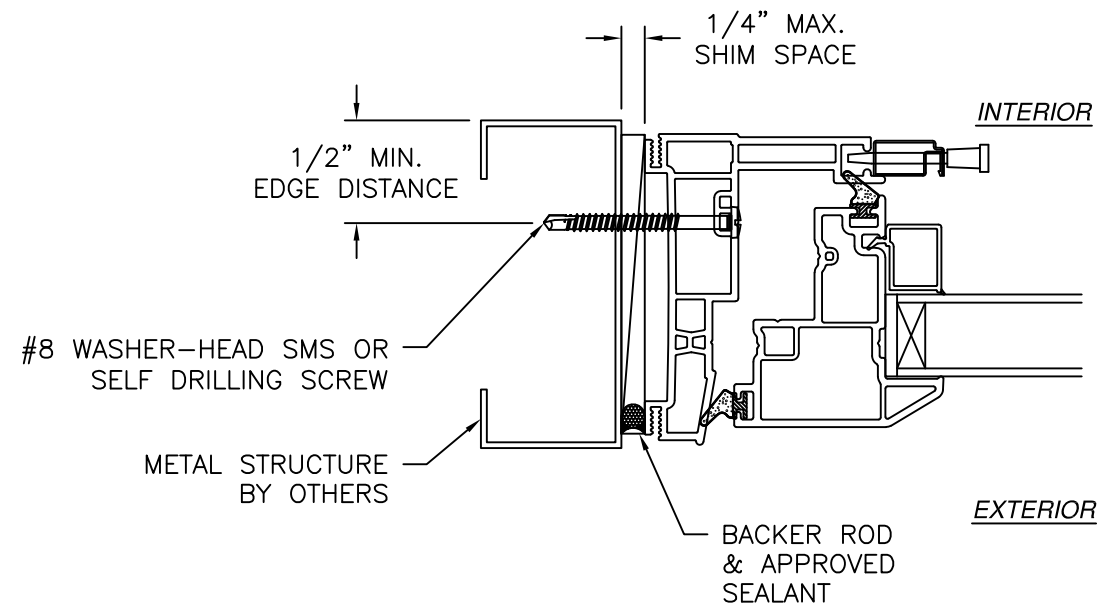
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS		DATE
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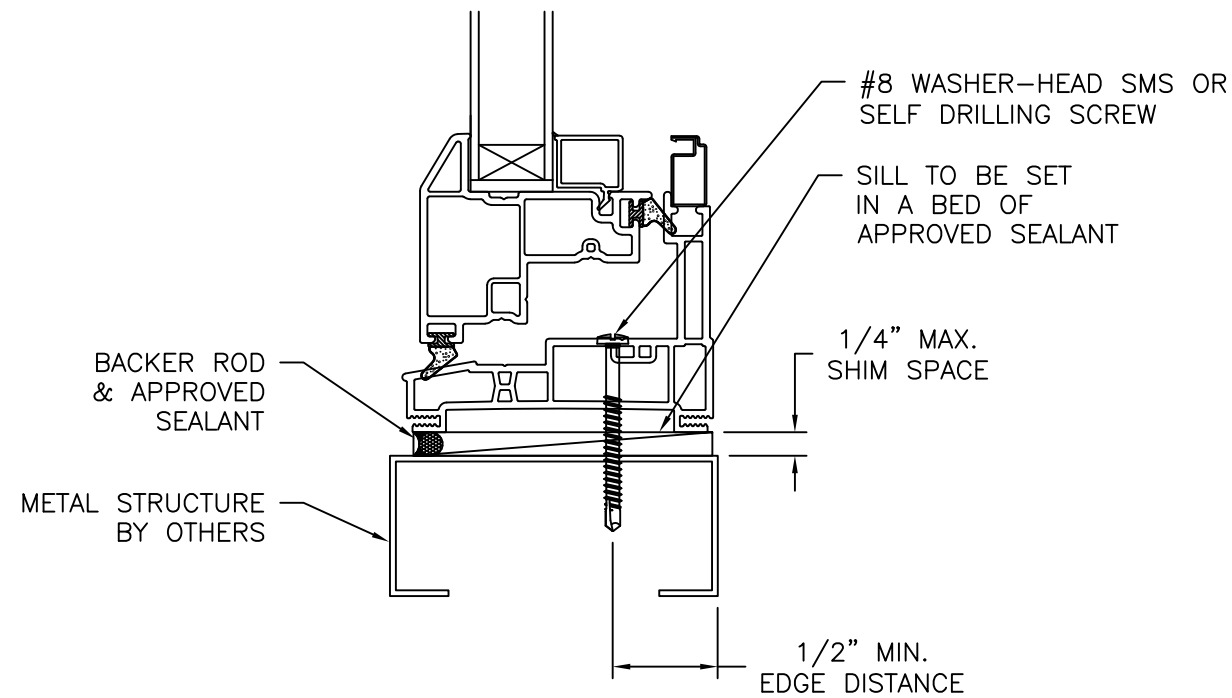
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133		C100 TWIN CASEMENT NON-IMPACT FINLESS INSTALLATION DETAILS		L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com
DWG NO. 08-04214		SHEET 3 OF 11		
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SIGNED: 06/10/2026				
				
Luis R. Lomas P.E. FL No.: 62514				



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



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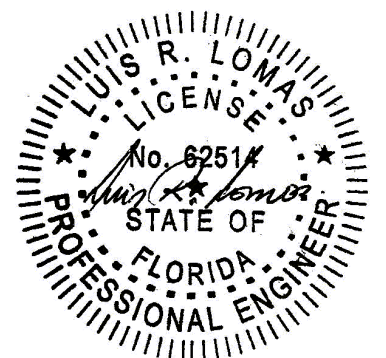
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C100 TWIN CASEMENT
NON-IMPACT
FINLESS INSTALLATION DETAILS

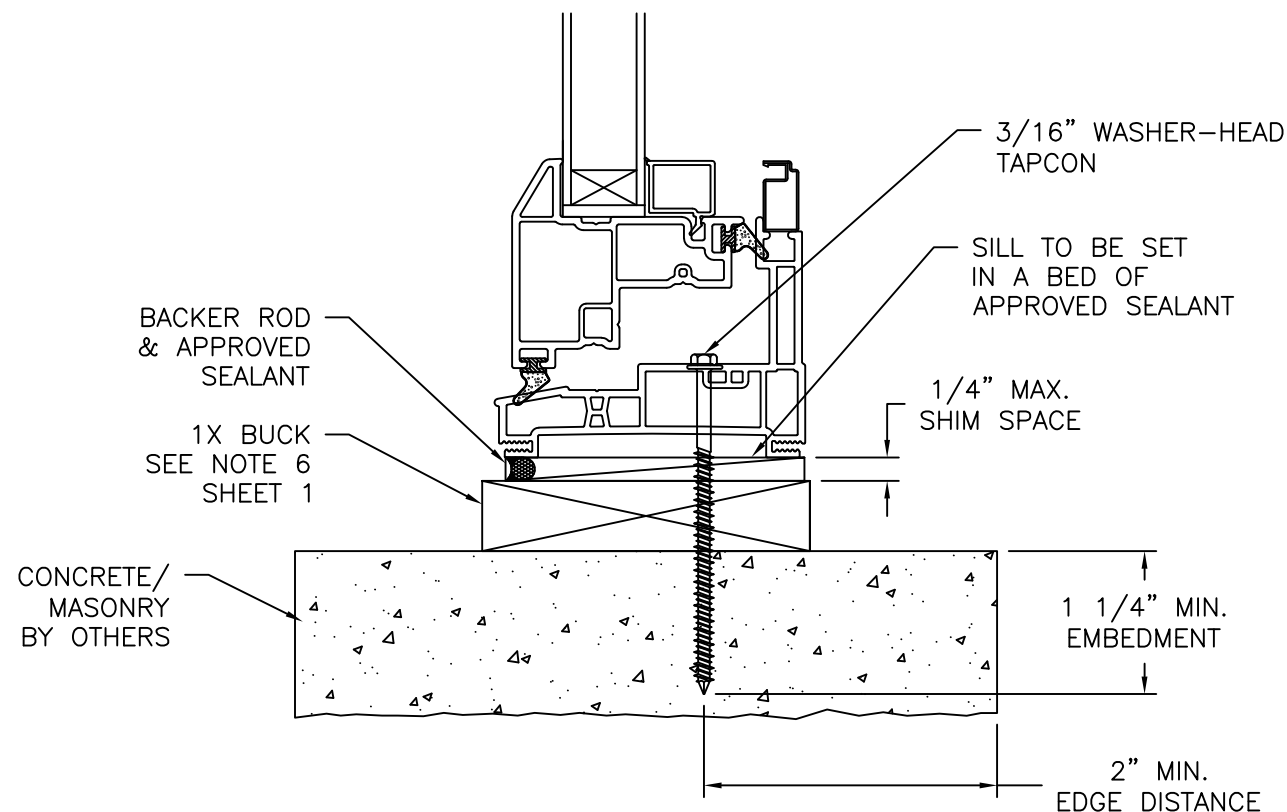
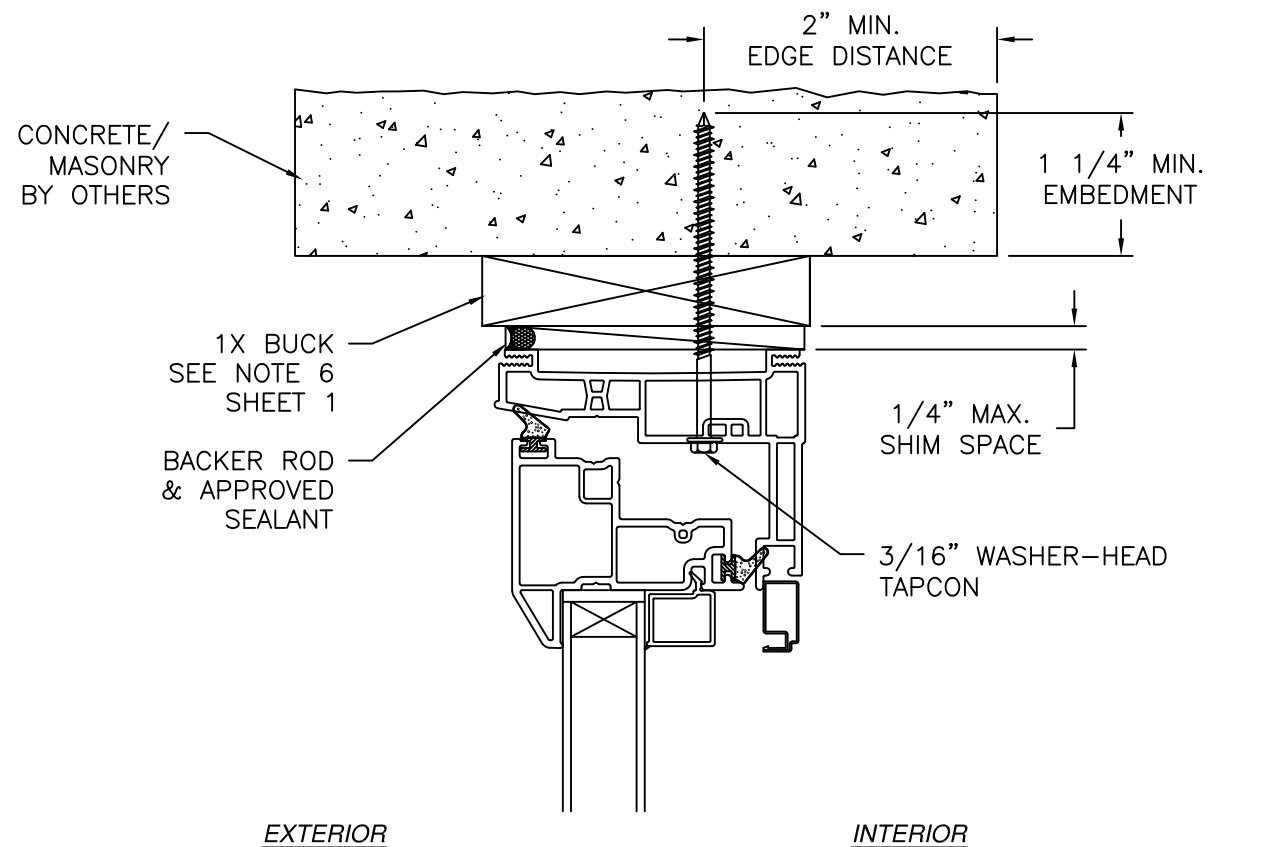
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434-688-0609 rlomas@rlomaspe.com

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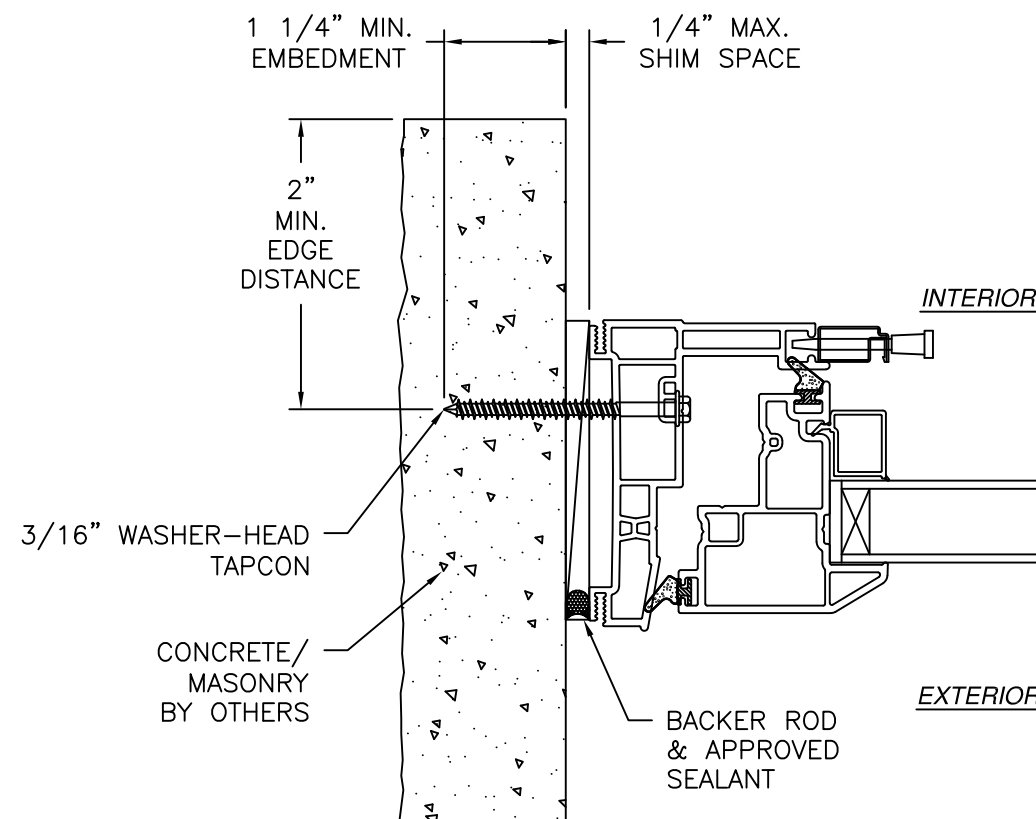
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VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



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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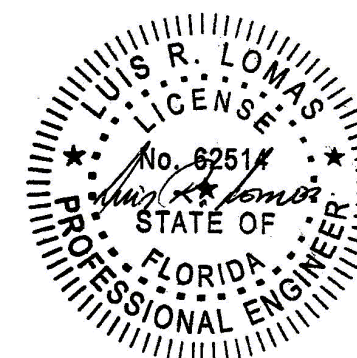
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2900 WET SEMINARY DR.
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**C100 TWIN CASEMENT
NON-IMPACT
FINLESS INSTALLATION DETAILS**

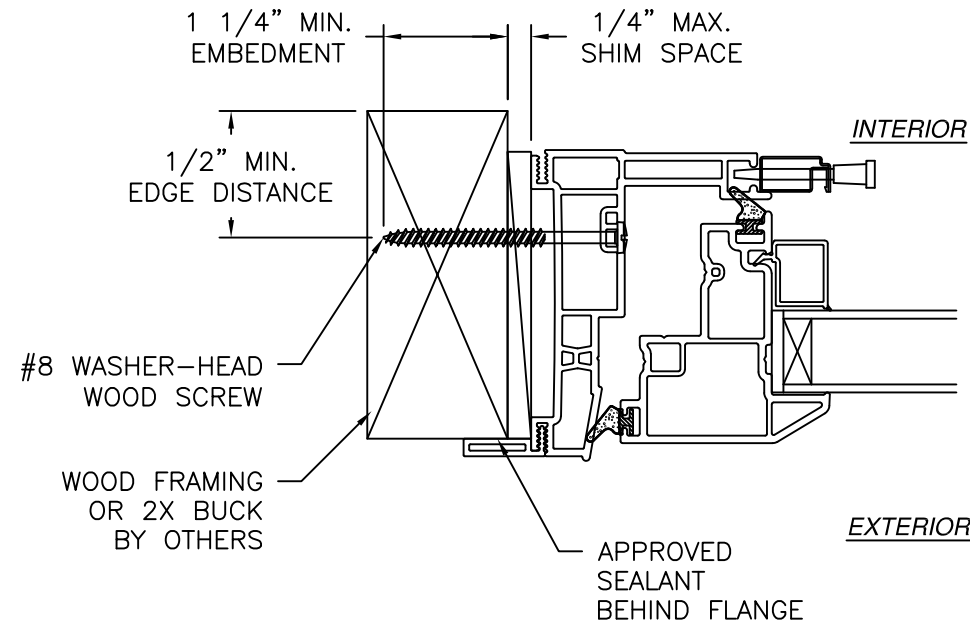
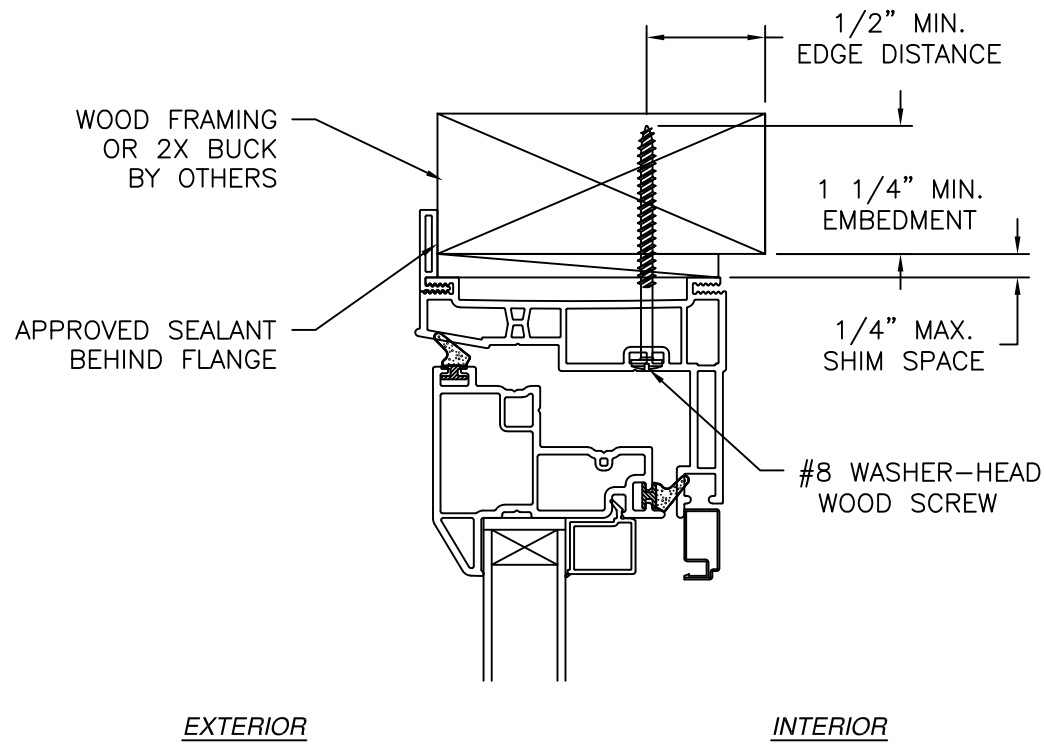
L. ROBERTO LOMAS P.E.
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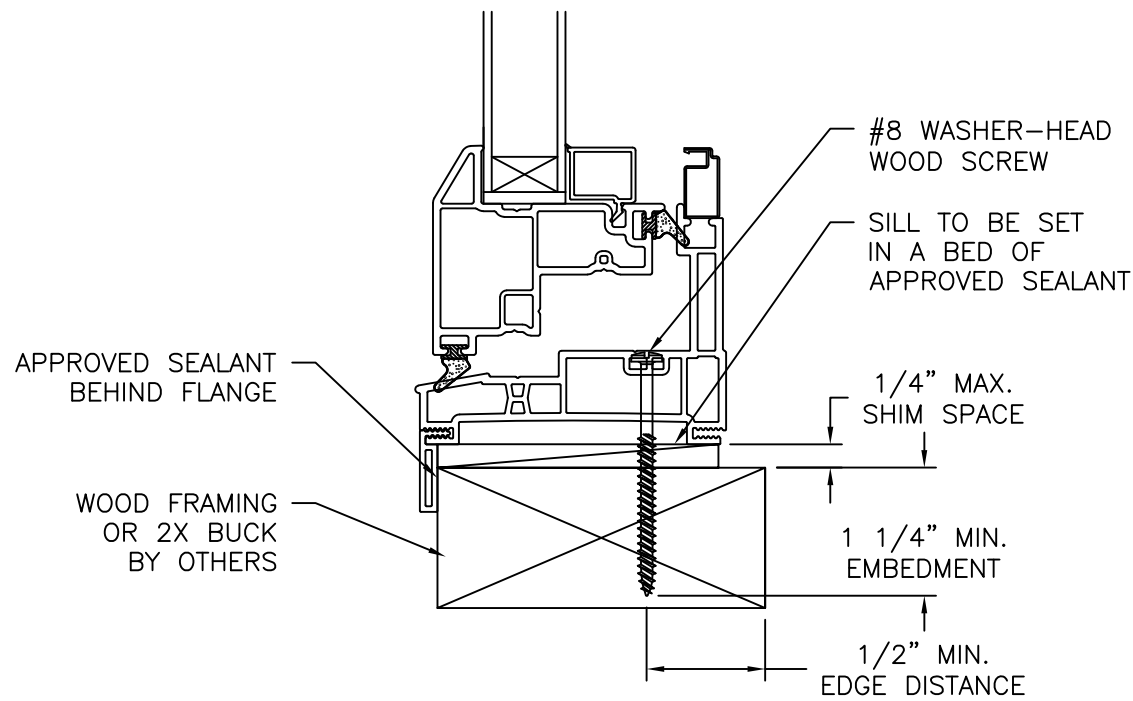
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

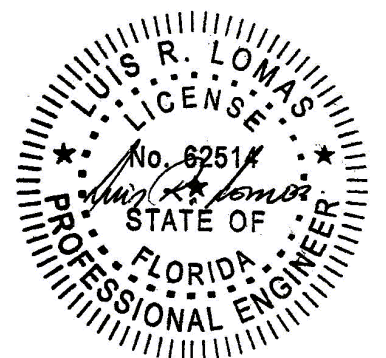
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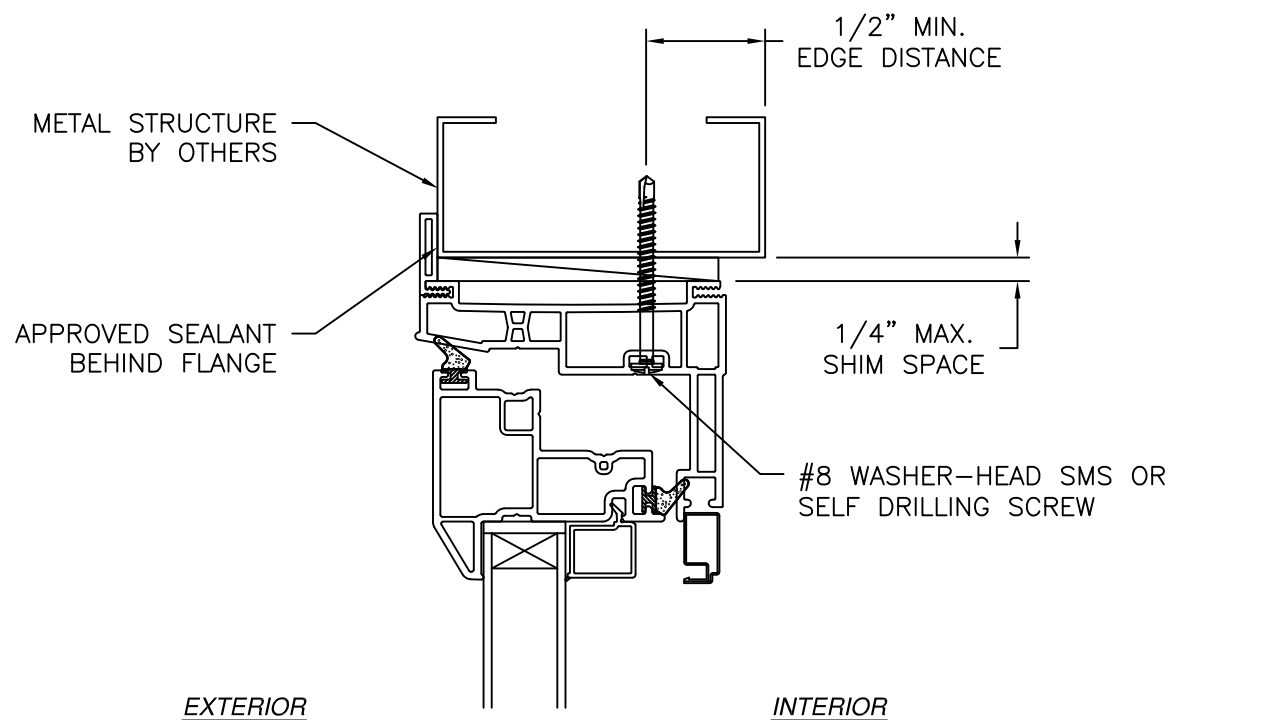
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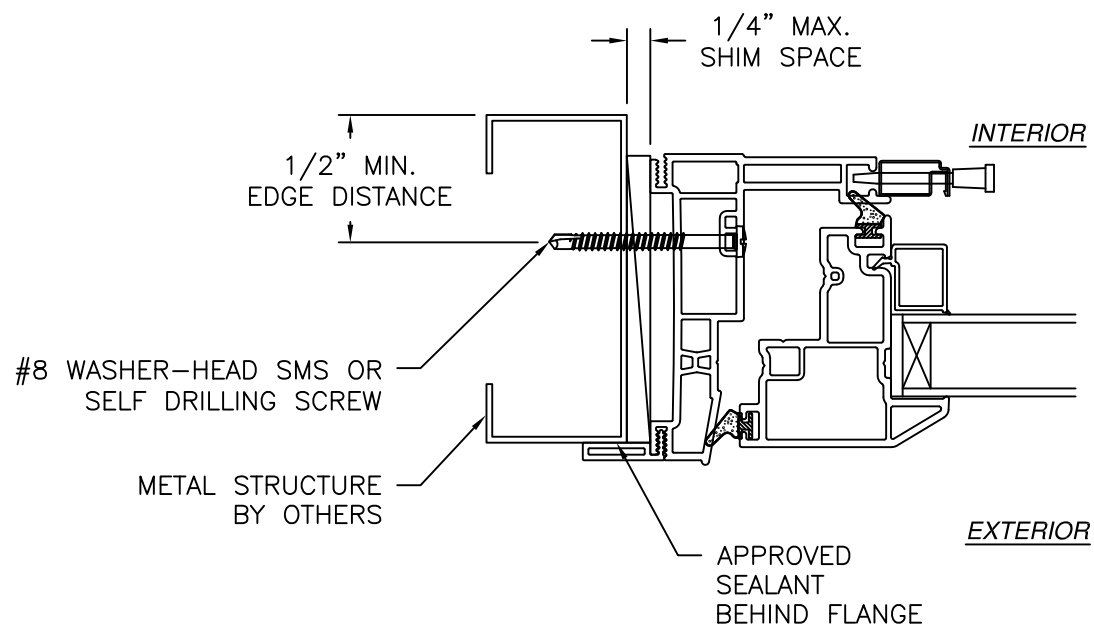
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FL No.: 62514



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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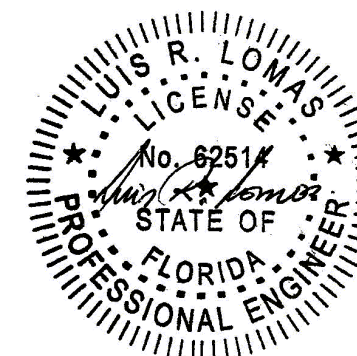
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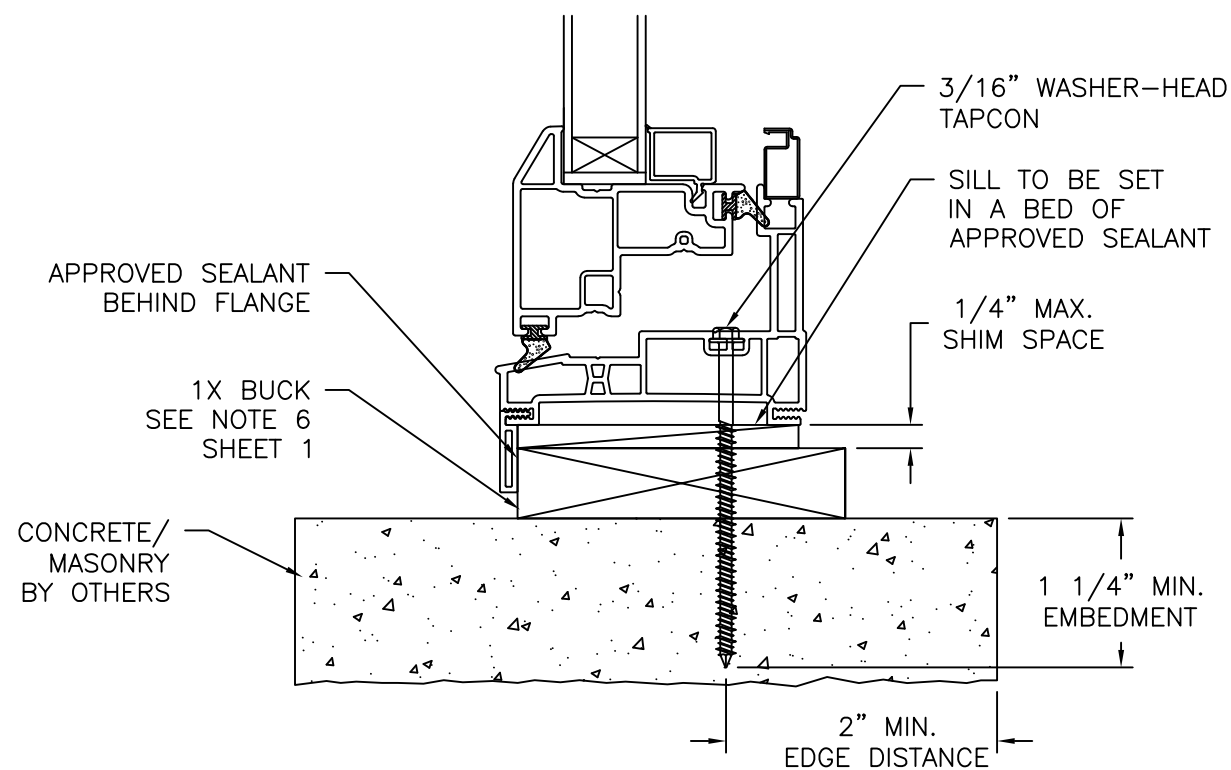
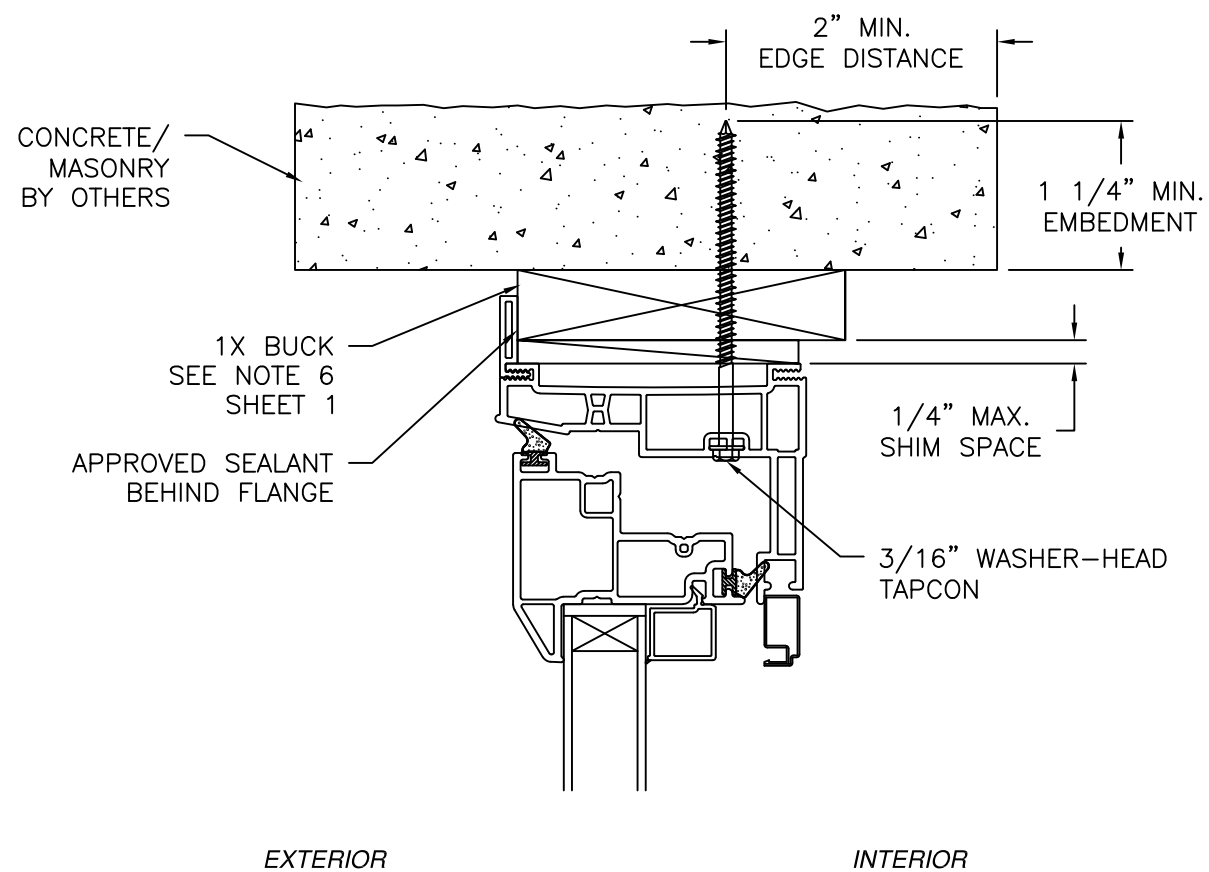
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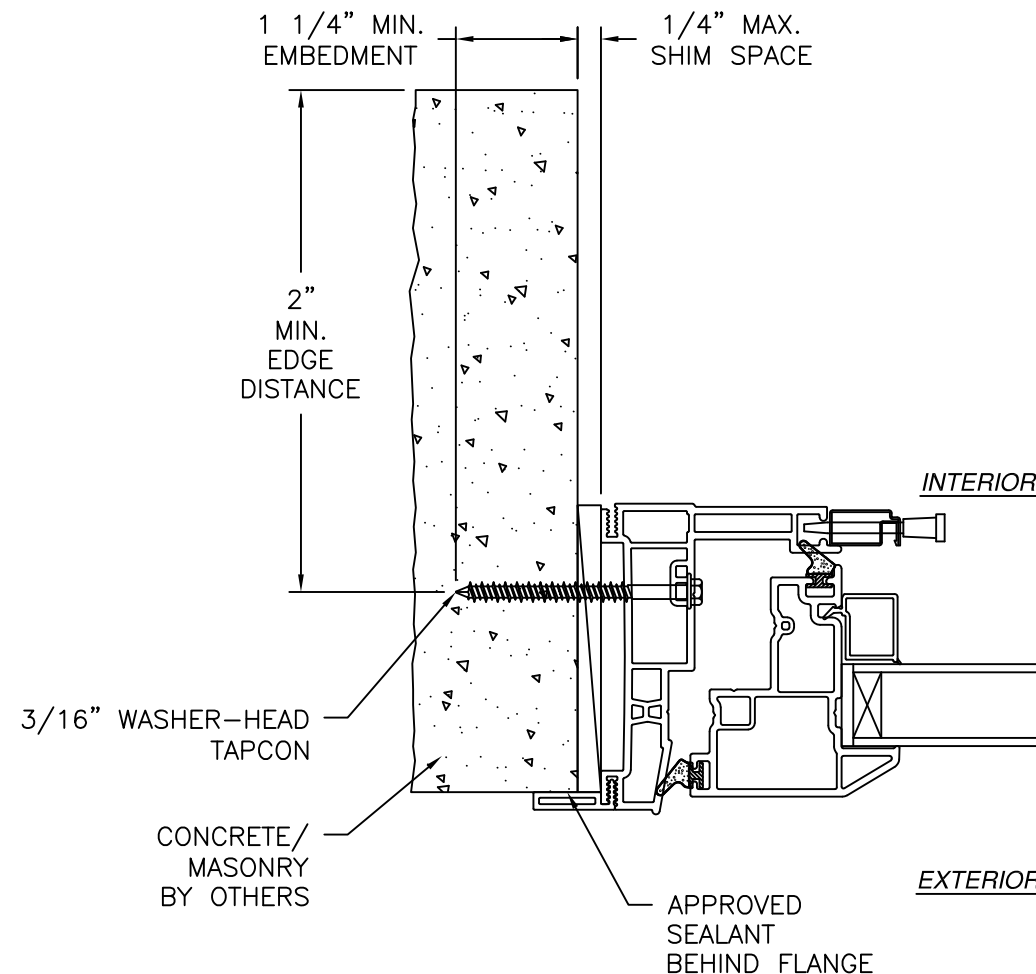
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



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

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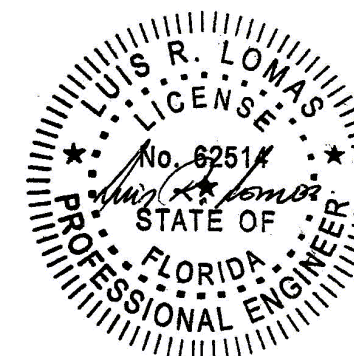
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**C100 TWIN CASEMENT
 NON-IMPACT
 FLANGE INSTALLATION DETAILS**

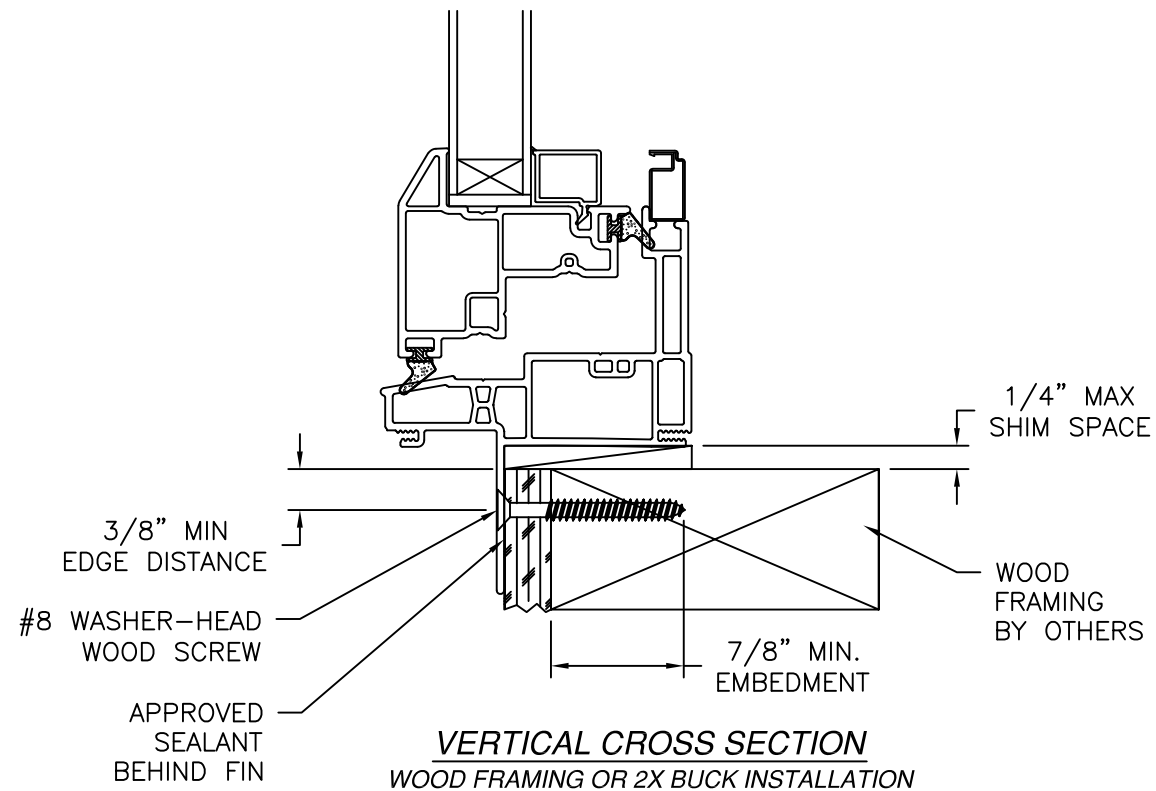
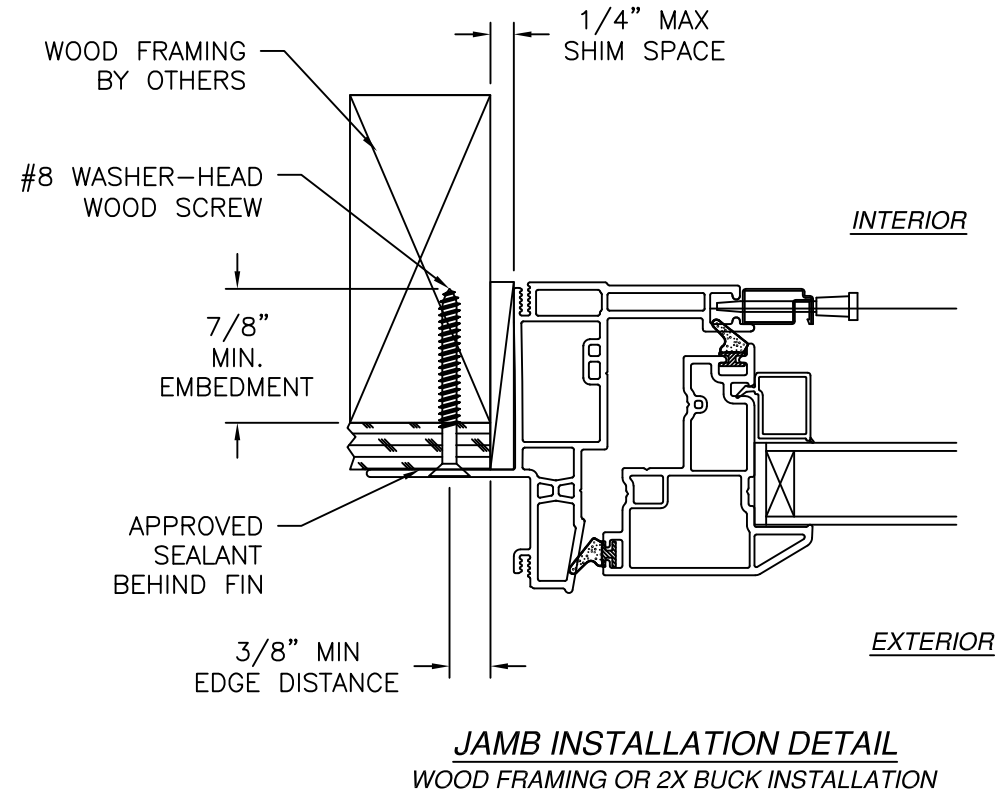
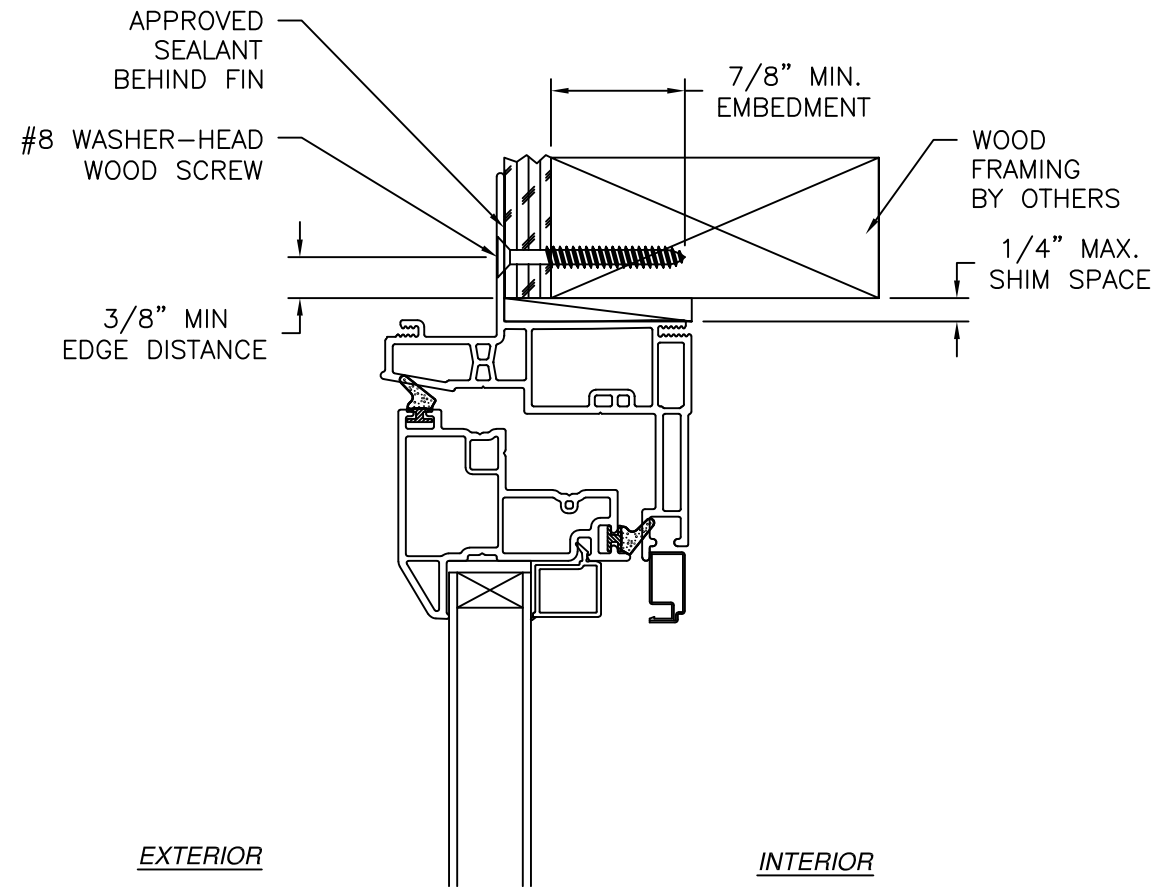
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 208 7th Ave, INDIANLANTIC, FL 32903
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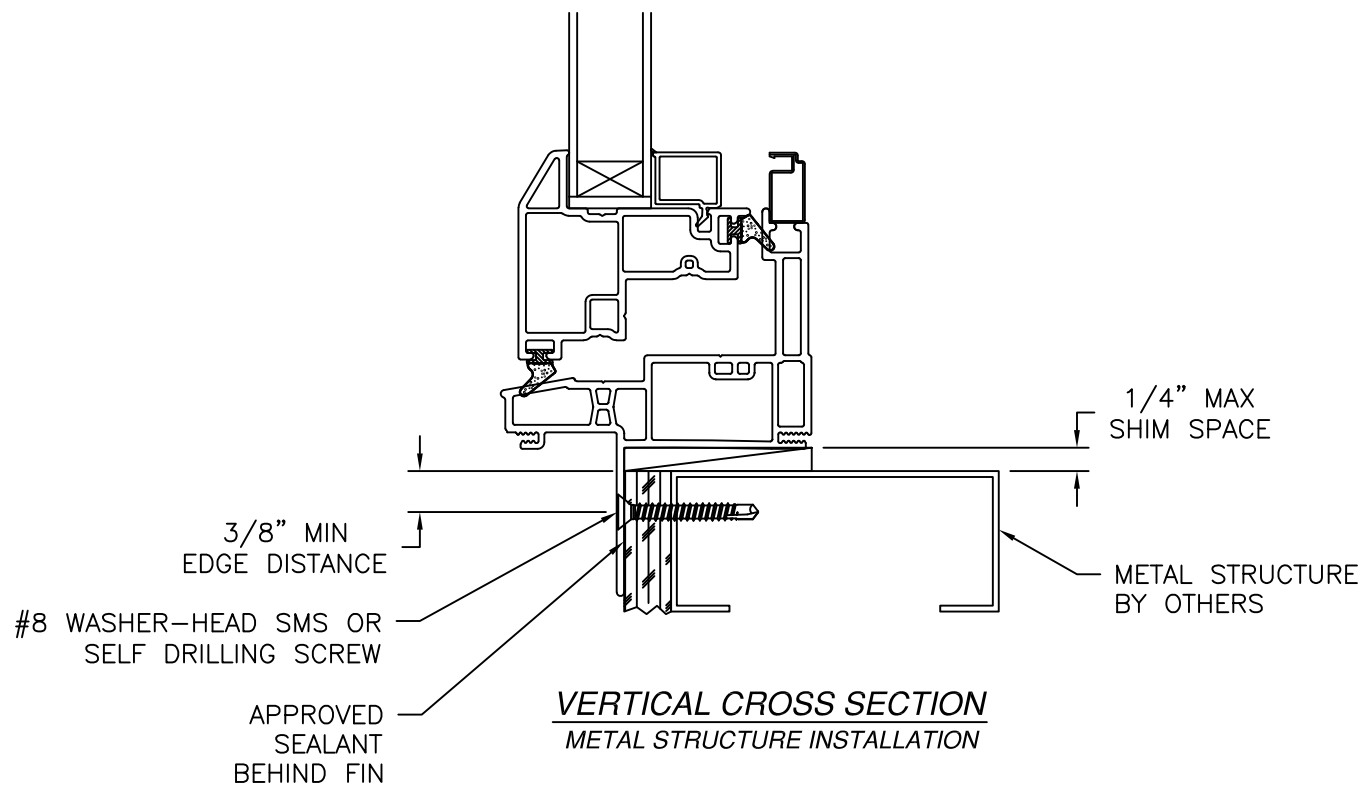
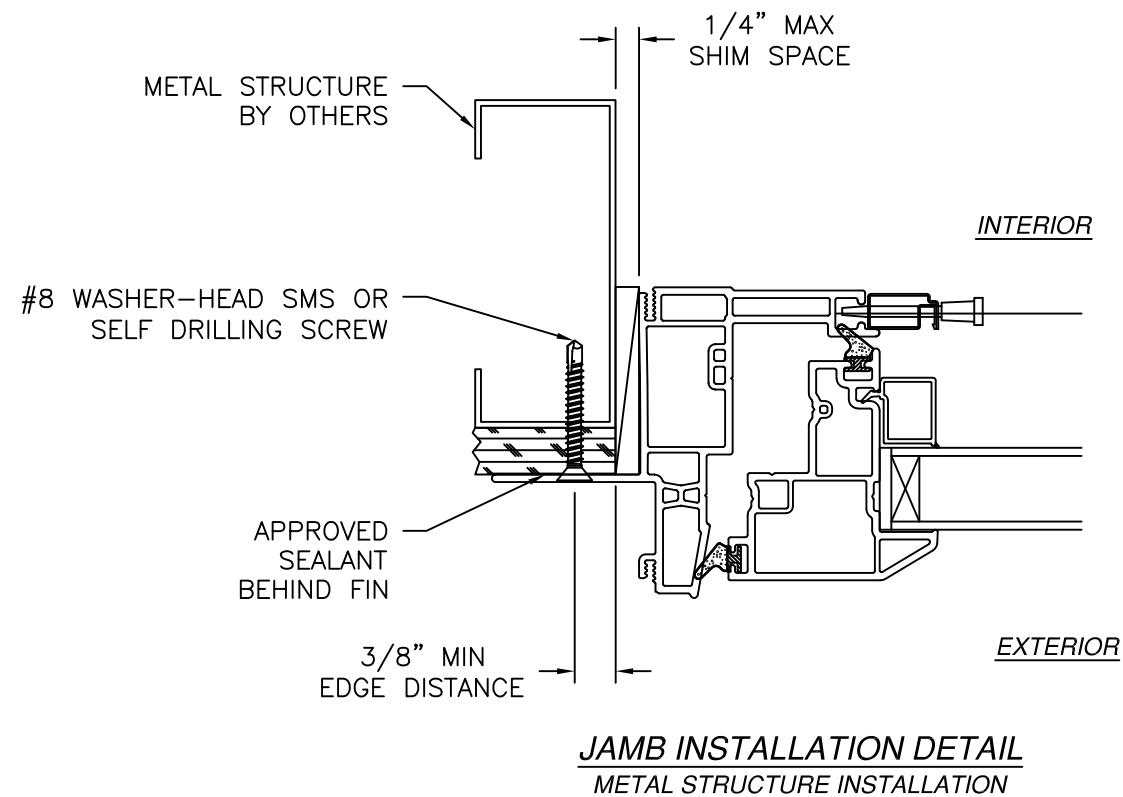
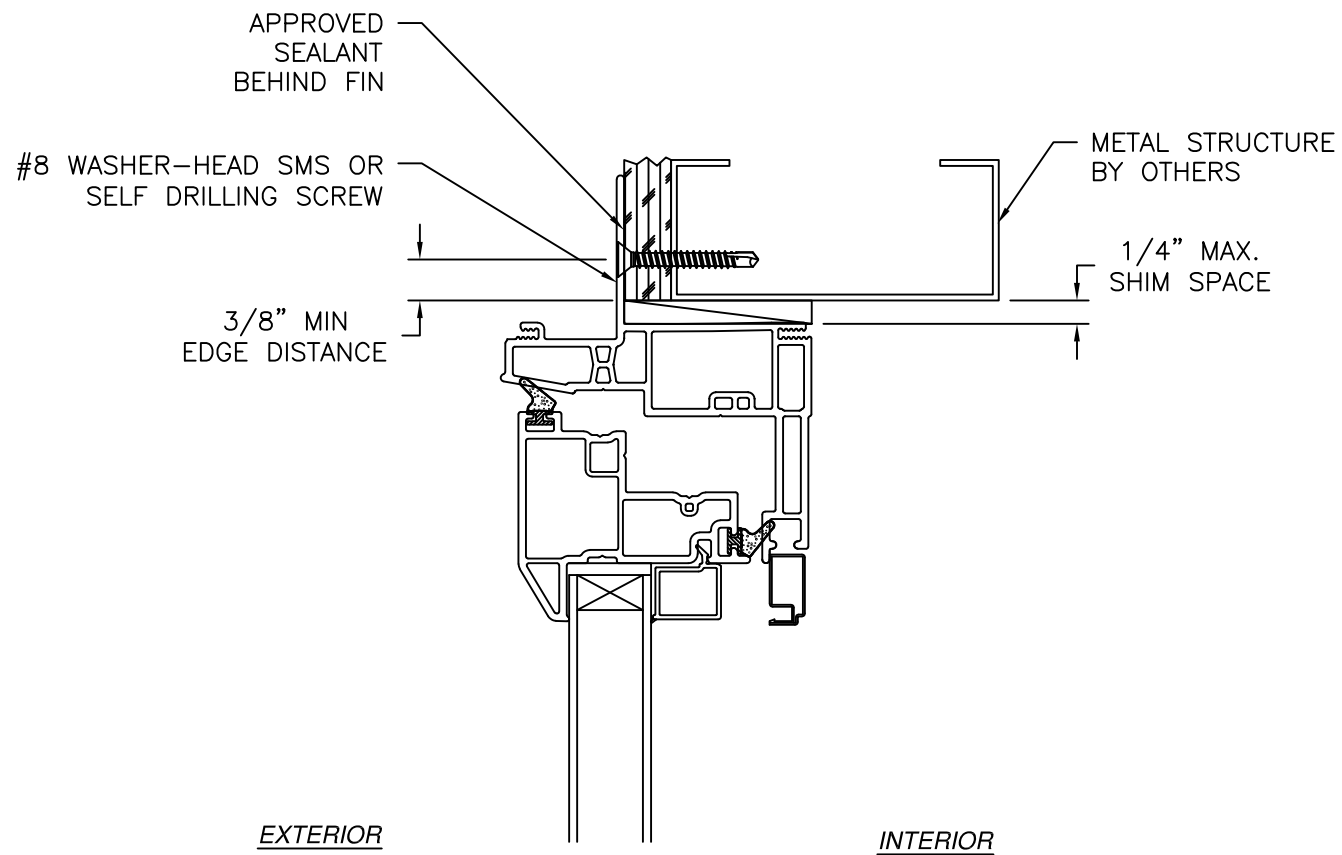
C100 TWIN CASEMENT
NON-IMPACT
FIN INSTALLATION DETAILS

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DWG NO. 08-04214	SHEET 9 OF 11
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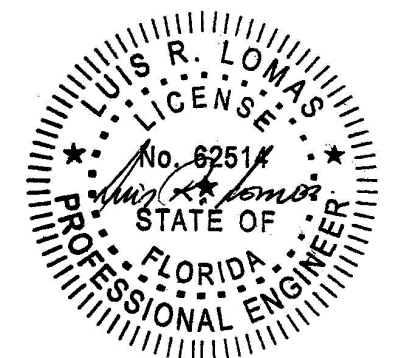
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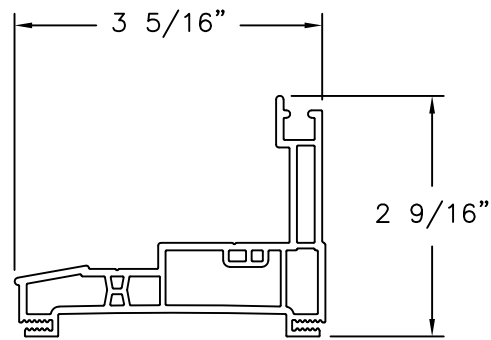
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	C100 TWIN CASEMENT NON-IMPACT FIN INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com
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SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

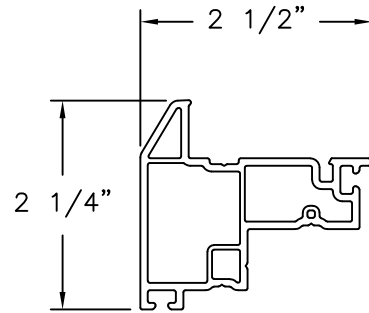
SIGNED: 06/10/2026



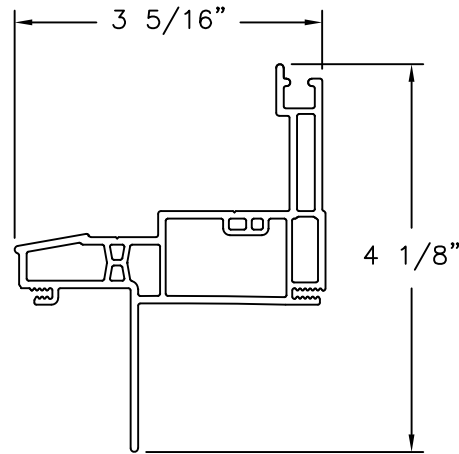
Luis R. Lomas P.E.
FL No.: 62514



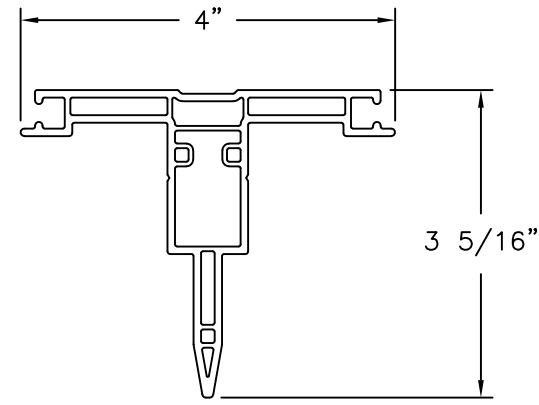
C100 SERIES FRAME
EXTRUDED PVC



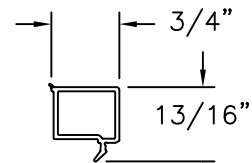
C100 SERIES SASH
EXTRUDED PVC



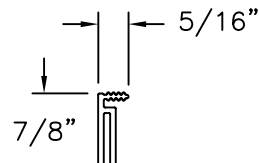
C100 SERIES FRAME WITH FIN
EXTRUDED PVC



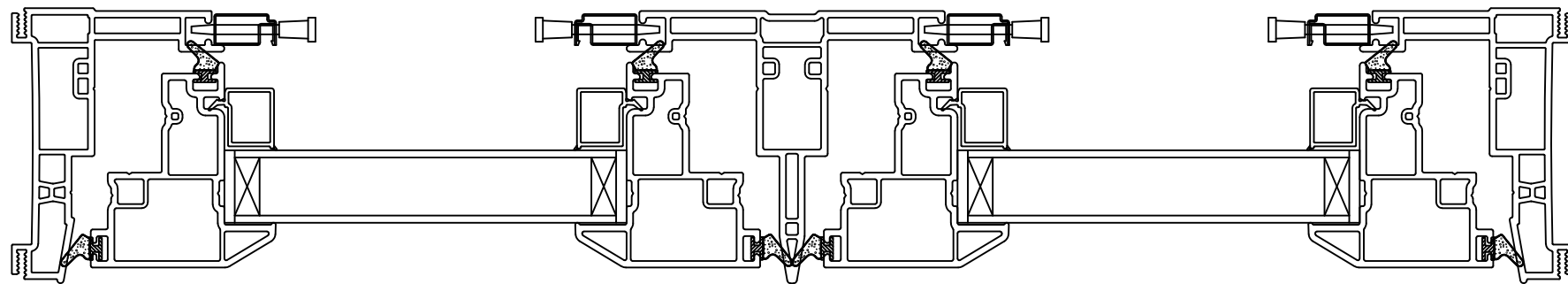
SLIMLINE T-MULLION
EXTRUDED PVC



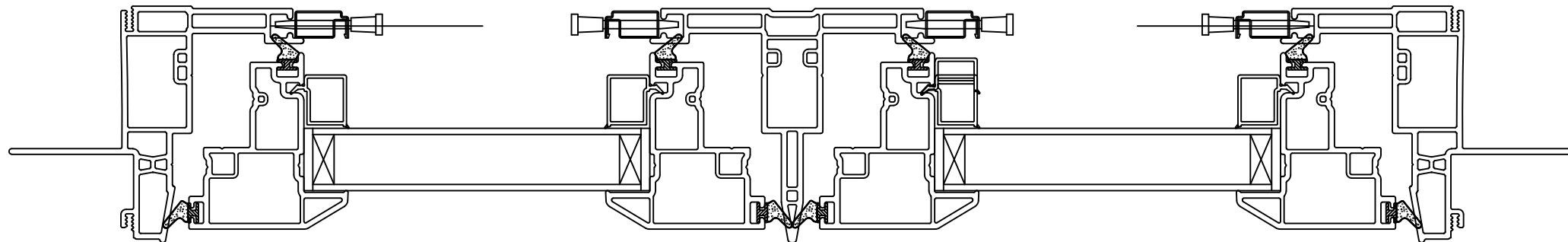
7/8\" GLAZING BEAD
EXTRUDED PVC



FLANGE
EXTRUDED PVC



FINLESS HORIZONTAL CROSS SECTION



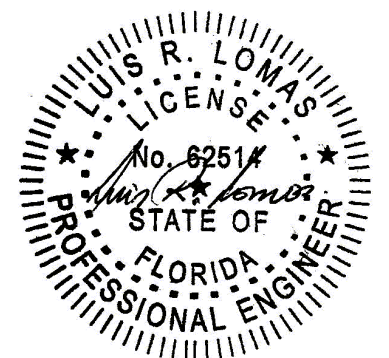
FIN HORIZONTAL CROSS SECTION

REVISIONS		
REV	DESCRIPTION	DATE

NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	C100 TWIN CASEMENT NON-IMPACT COMPONENTS	
	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com	

DWG NO. 08-04214	SHEET 11 OF 11	
SCALE NTS	REV -	FPA -
DRAWN R.L.	DATE: 06/10/26	

SIGNED: 06/10/2026



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