

- 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

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1	NOTES
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11	COMPONENTS

REVISIONS

REV	DESCRIPTION	DATE

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

C100 PVC SWING-OUT CASEMENT WINDOW
NON-IMPACT
NOTES

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DWG NO.
08-04215

SHEET
1 OF 11

SCALE NTS

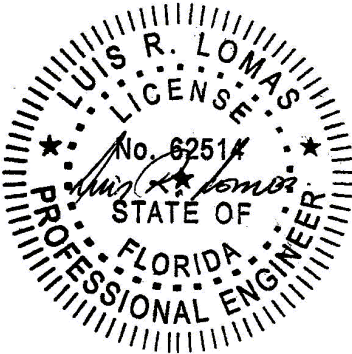
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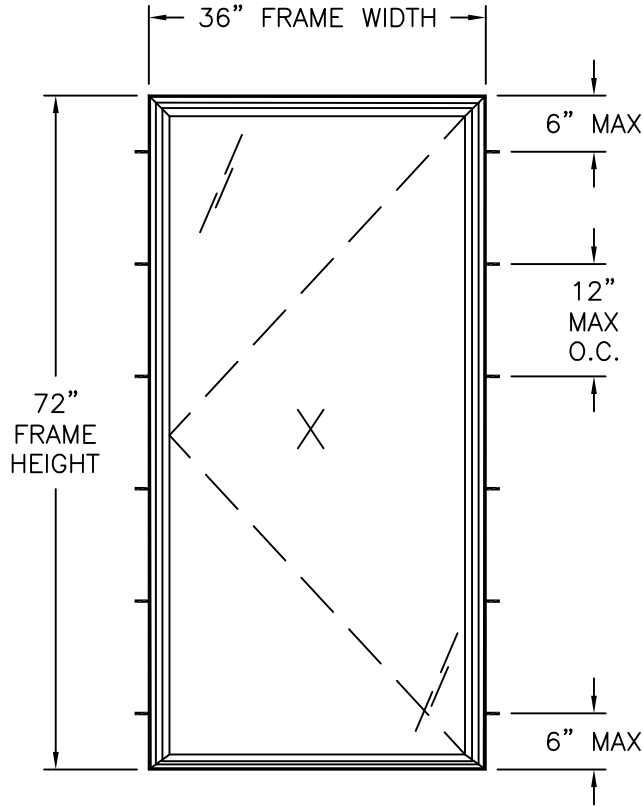
DRAWN R.L.

DATE: 06/10/26

SIGNED: 07/06/2026



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

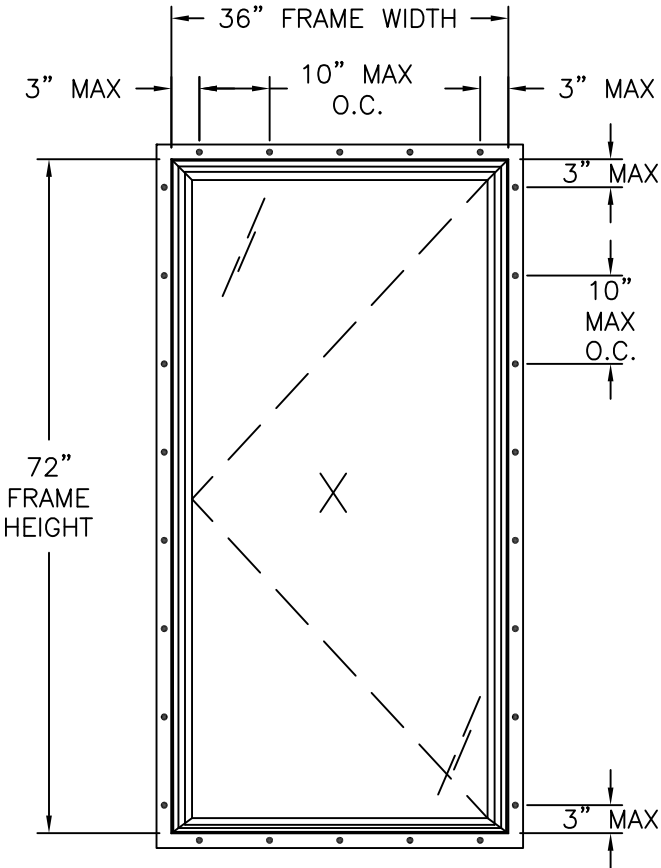


FINLESS INSTALLATION

NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #2



FIN INSTALLATION

NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

- VENT SIZE: 34 1/8" X 70 1/8"
- VENT D.L.O.: 29 5/8" X 65 5/8"

HARDWARE SCHEDULE

A.	(1) MULTI-POINT LOCK WITH LEVER AT JAMB 10" FROM BOTTOM
B.	(1) DUAL ARM OPERATOR AT SILL
C.	(2) SINGLE ARM CONCEALED HINGE AT HINGE STILE
D.	(3) SNUBBER SET AT VENT HINGE STILE AND JAMB
E.	(1) MOLDED GUIDE BLOCK AT SILL

Chart #1
Design pressure rating, Fin installation (psf)

Frame Height (in)	Frame width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
30.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
36.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
42.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	73.5	60.0	64.3
48.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	64.3	56.3	56.3
54.0	60.0	75.0	60.0	75.0	60.0	66.7	57.1	57.1	50.0	50.0
60.0	60.0	75.0	60.0	72.0	60.0	60.0	51.4	51.4	-	-
66.0	60.0	75.0	60.0	65.5	54.5	54.5	-	-	-	-
72.0	60.0	75.0	60.0	60.0	50.0	50.0	-	-	-	-
78.0	60.0	69.2	55.4	55.4	-	-	-	-	-	-
84.0	60.0	64.3	51.4	51.4	-	-	-	-	-	-

Chart #2
Design pressure rating, Finless installation (psf)

Frame Height (in)	Frame width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
30.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
36.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
42.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	88.2	60.0	77.1
48.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	77.1	60.0	67.5
54.0	60.0	90.0	60.0	90.0	60.0	80.0	60.0	68.6	60.0	60.0
60.0	60.0	90.0	60.0	86.4	60.0	72.0	60.0	61.7	-	-
66.0	60.0	90.0	60.0	78.5	60.0	65.5	-	-	-	-
72.0	60.0	90.0	60.0	72.0	60.0	60.0	-	-	-	-
78.0	60.0	83.1	60.0	66.5	-	-	-	-	-	-
84.0	60.0	77.1	60.0	61.7	-	-	-	-	-	-

REVISIONS		
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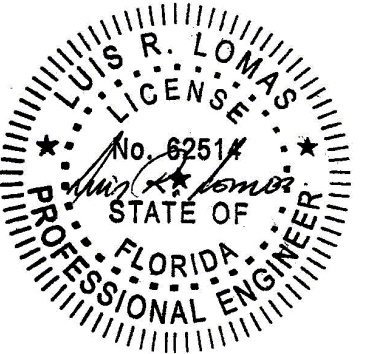
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2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

C100 PVC SWING-OUT CASEMENT WINDOW
NON-IMPACT
ELEVATIONS

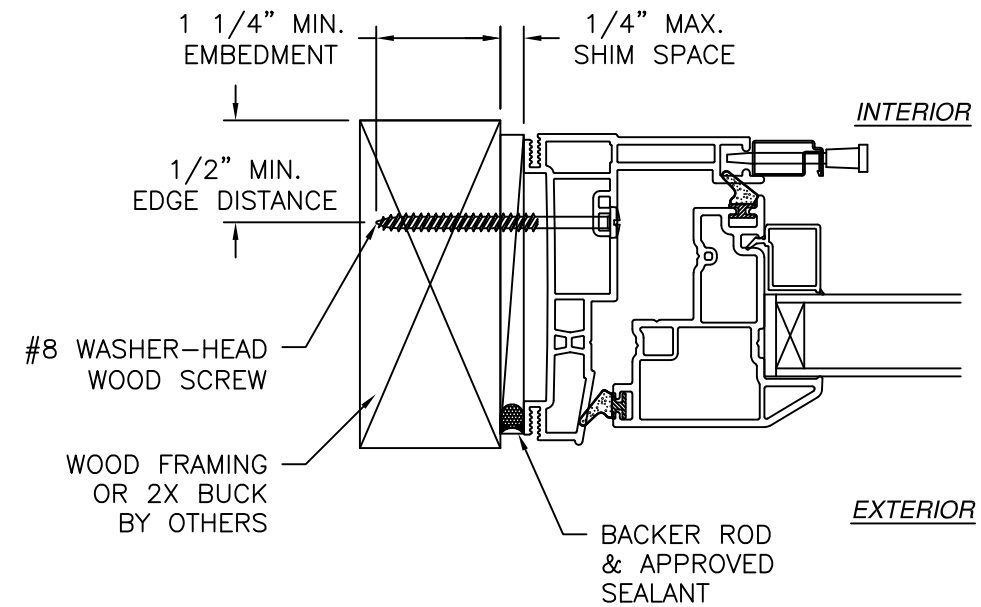
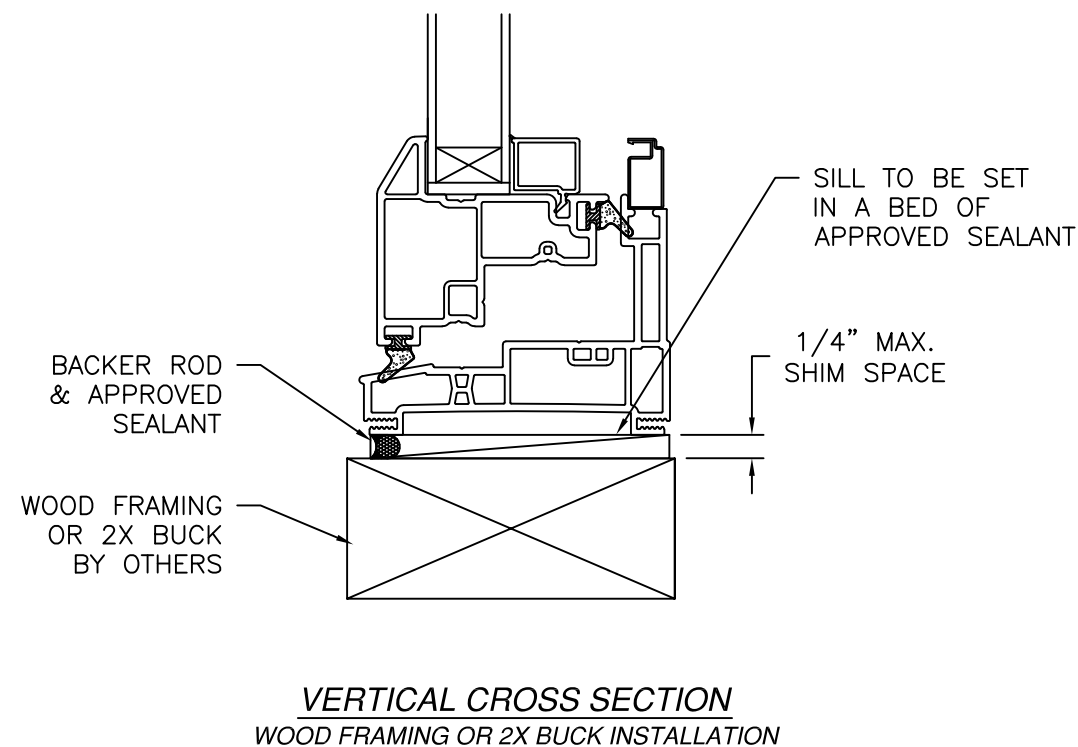
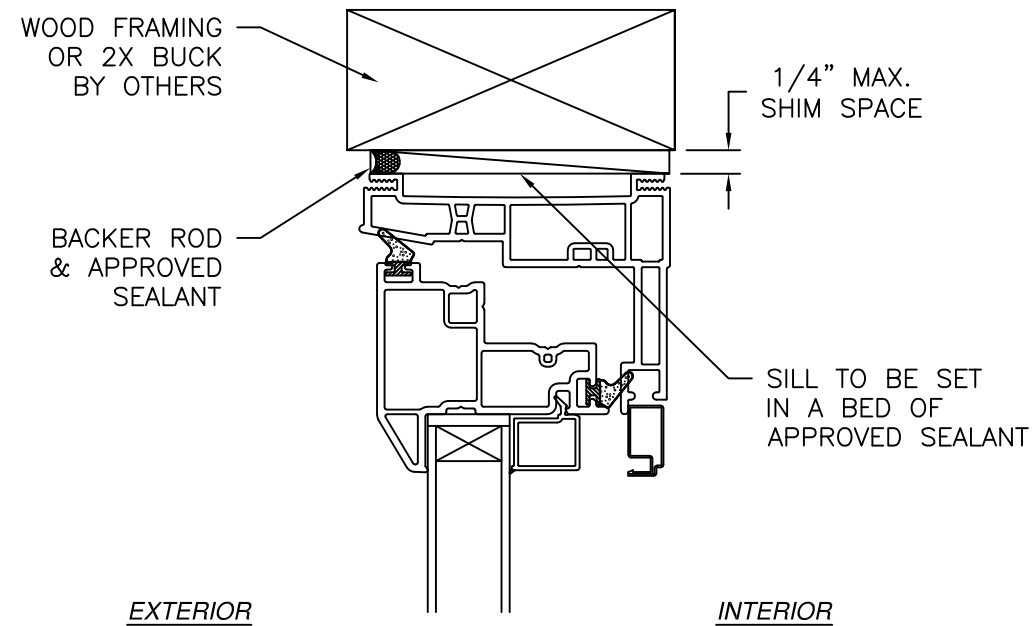
L. ROBERTO LOMAS P.E.
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434-688-0609 rlomas@rlomaspe.com

DWG NO.	SHEET	
08-04215	2 OF 11	
SCALE NTS	REV -	FPA -
DRAWN R.L.	DATE: 06/10/26	

SIGNED: 07/06/2026



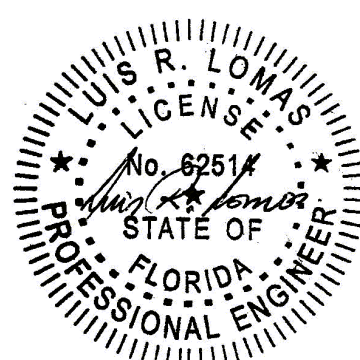
Luis R. Lomas P.E.
FL No.: 62514

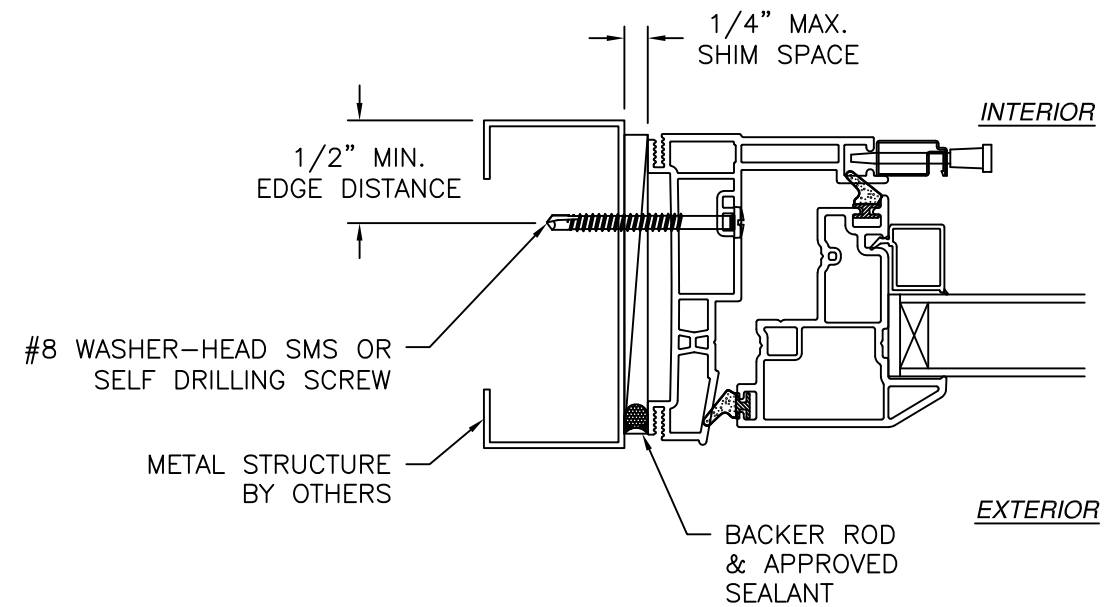
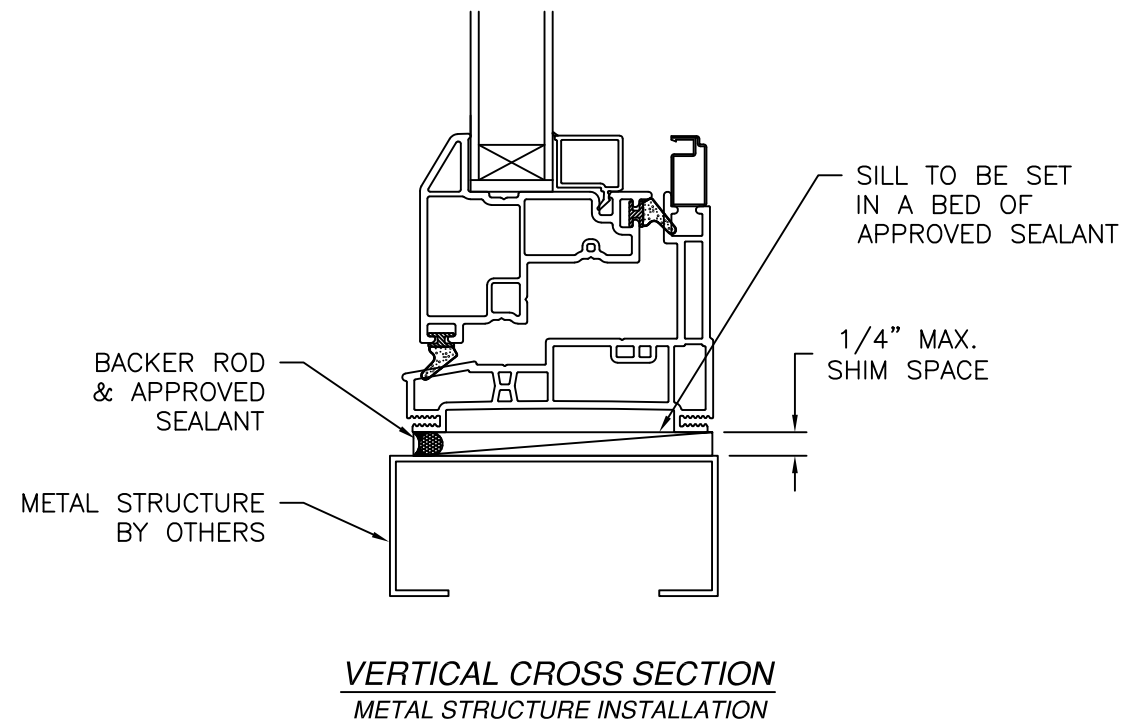
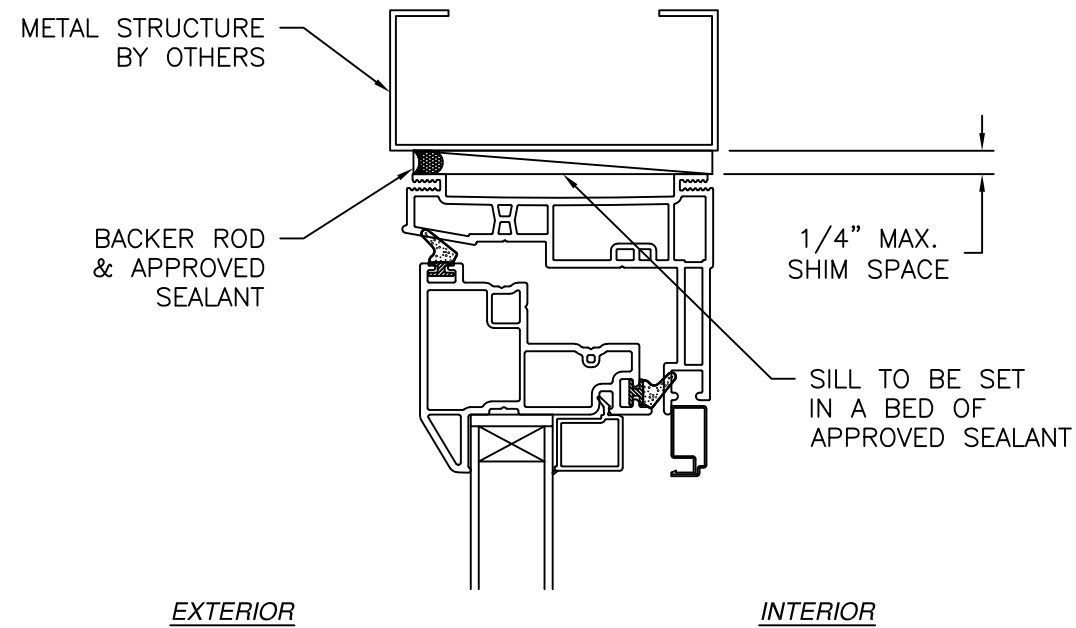


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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
REV	DESCRIPTION	

NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	C100 PVC SWING-OUT CASEMENT WINDOW NON-IMPACT FINLESS INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com
DWG NO. 08-04215	SHEET 3 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		



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

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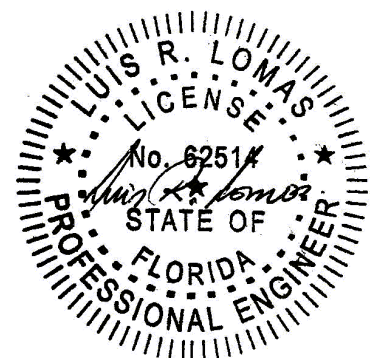
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2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

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NON-IMPACT
FINLESS INSTALLATION DETAILS

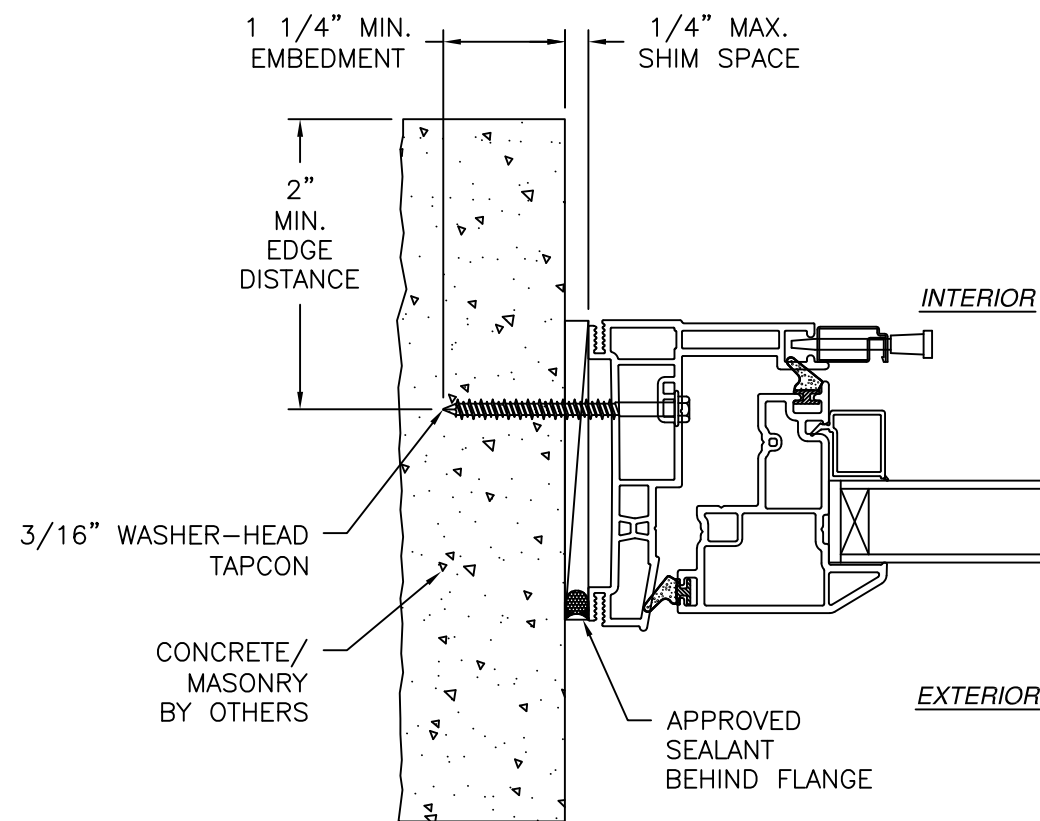
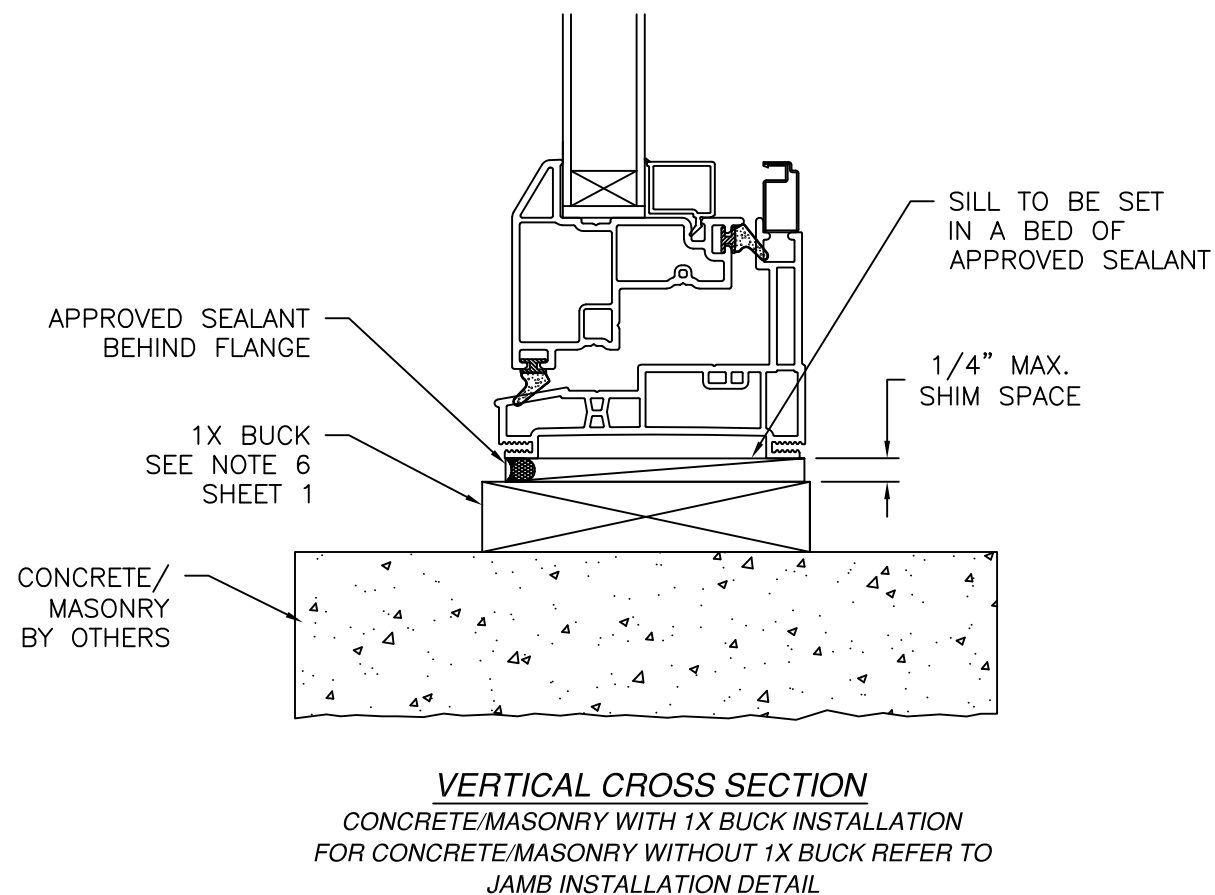
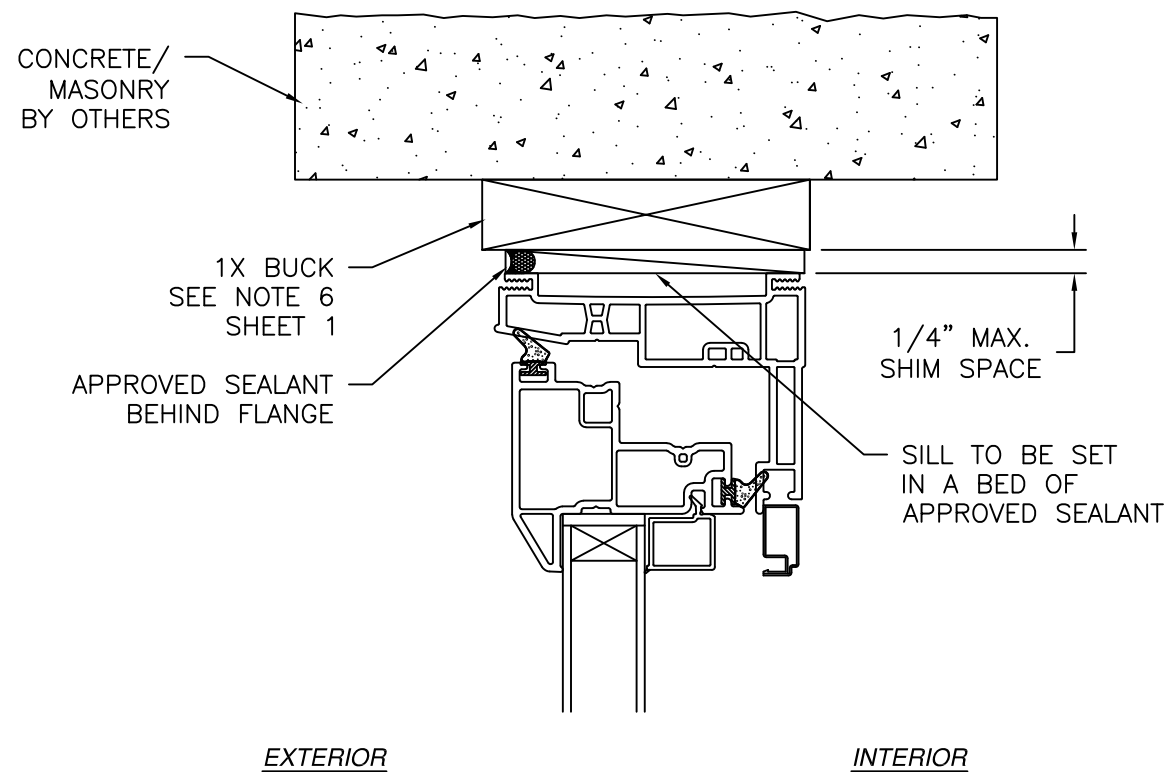
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DWG NO. 08-04215	SHEET 4 OF 11
SCALE NTS	REV - FPA -
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Luis R. Lomas P.E.
FL No.: 62514



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

- 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
DESCRIPTION	REV	

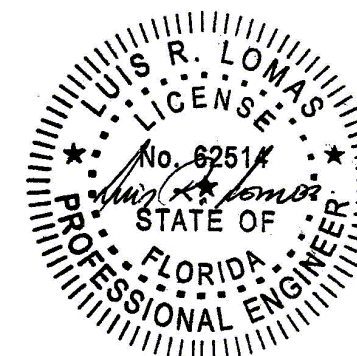
NT WINDOW, INC.
 2900 WET SEMINARY DR.
 FORTH WORTH, TX 76133

C100 PVC SWING-OUT CASEMENT WINDOW
 NON-IMPACT
 FINLESS INSTALLATION DETAILS

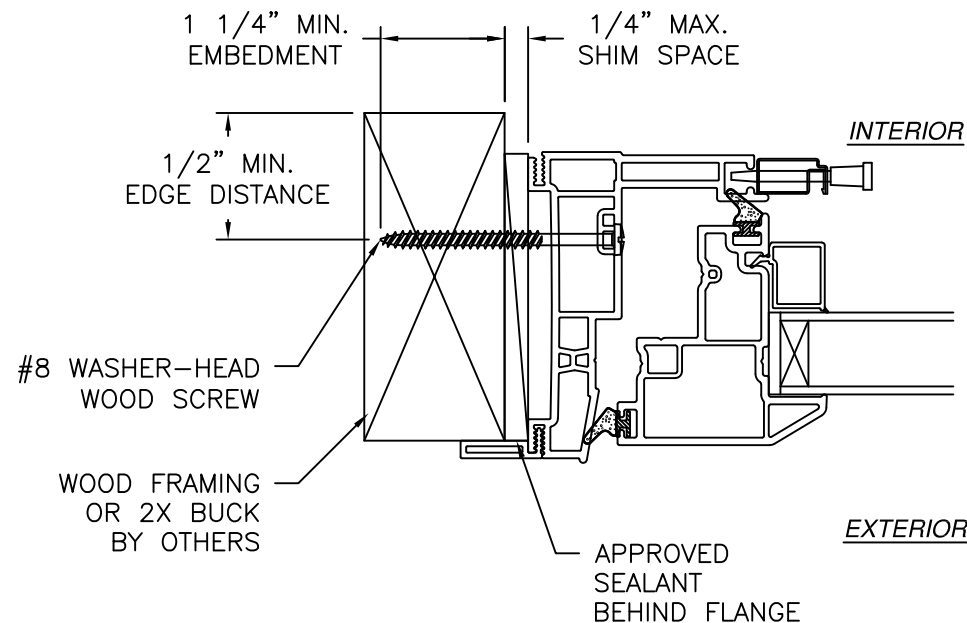
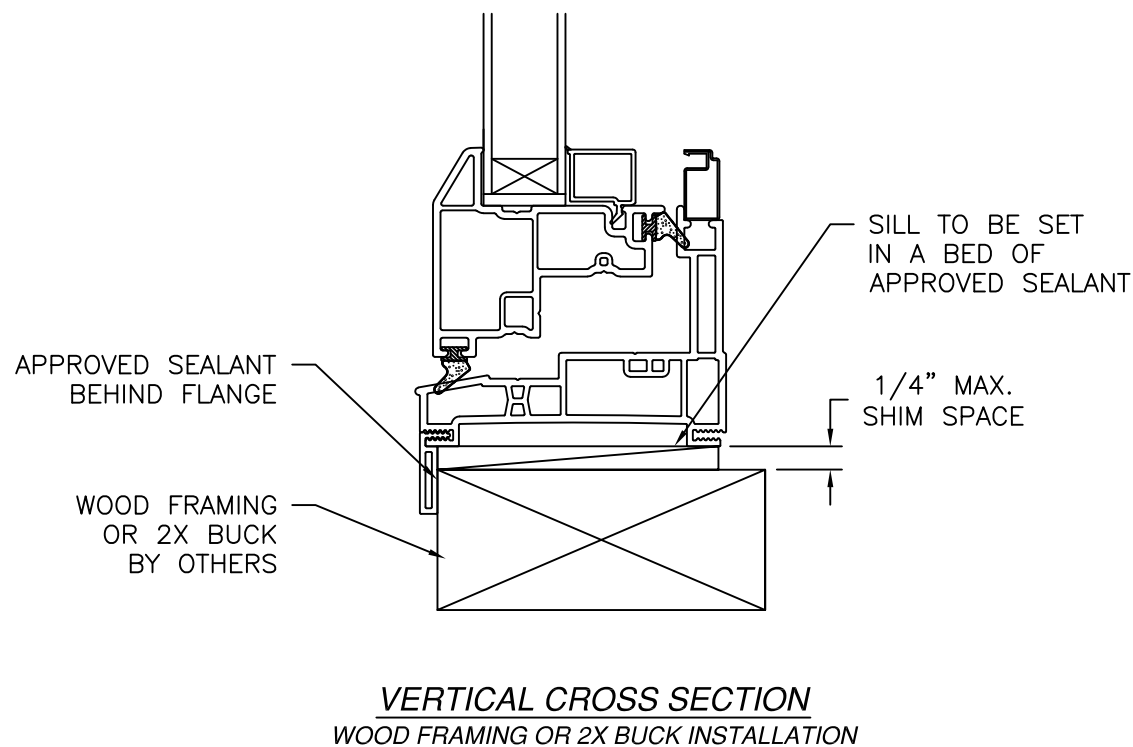
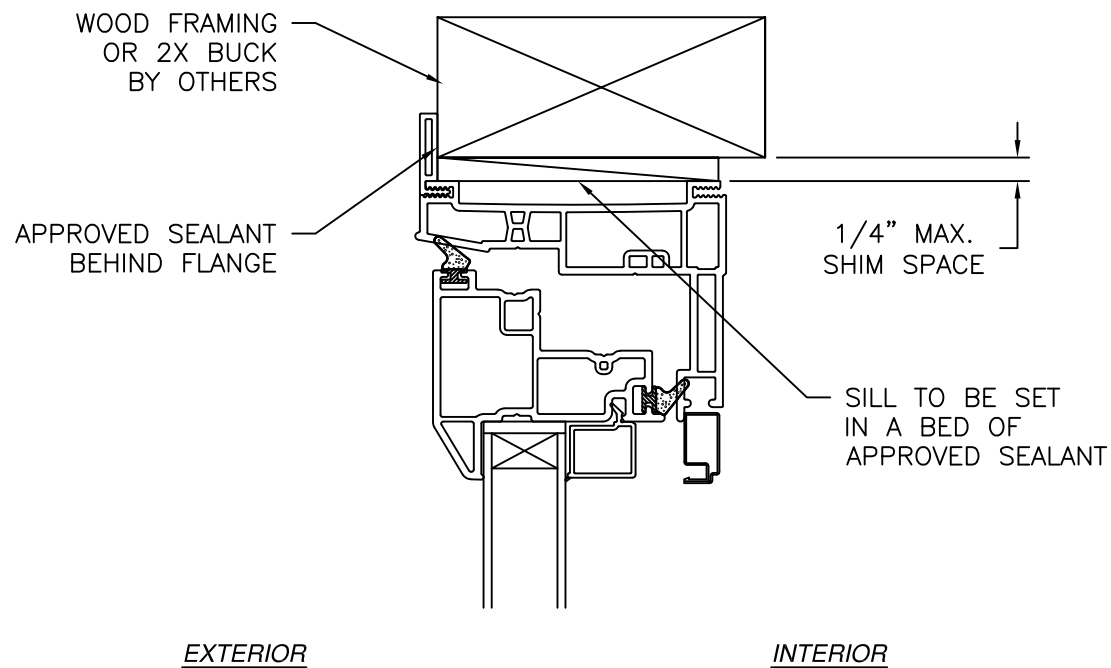
L. ROBERTO LOMAS P.E.
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DWG NO. 08-04215	SHEET 5 OF 11
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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REV	DESCRIPTION	DATE

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FORTH WORTH, TX 76133

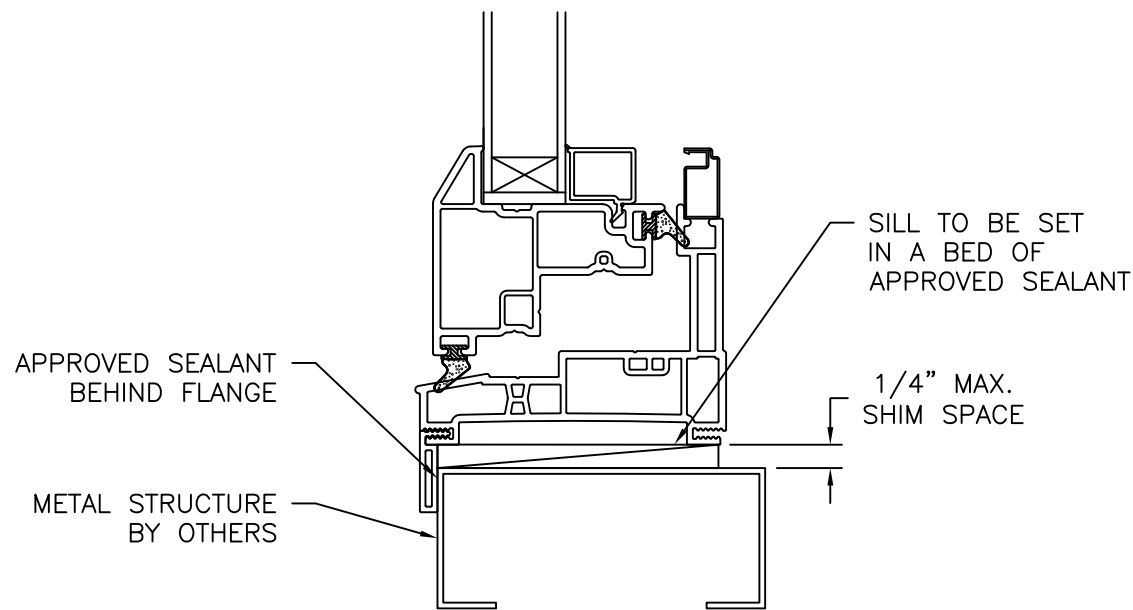
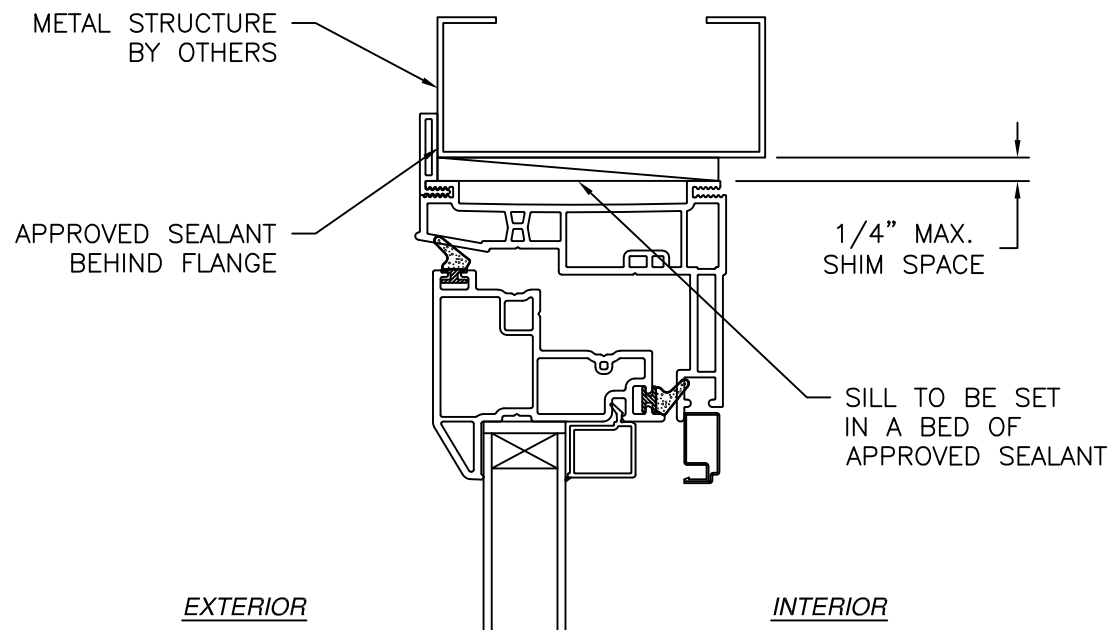
C100 PVC SWING-OUT CASEMENT WINDOW
NON-IMPACT
FLANGE INSTALLATION DETAILS

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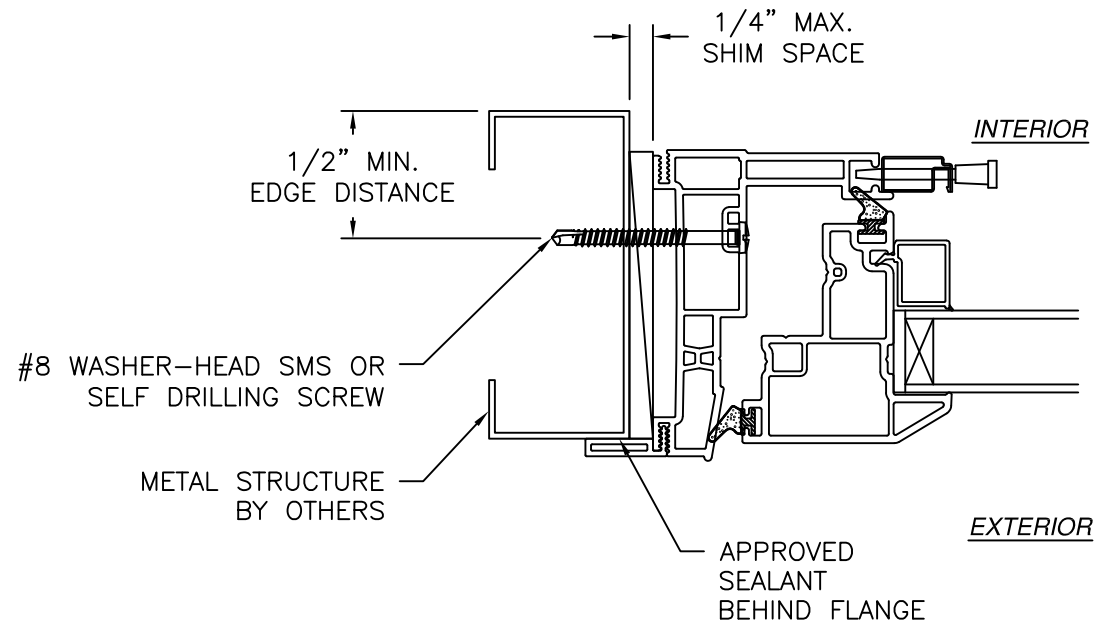
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SCALE NTS	REV - FPA -
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Luis R. Lomas P.E.
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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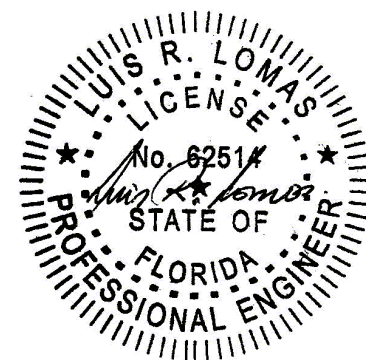
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FORTH WORTH, TX 76133

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NON-IMPACT
FLANGE INSTALLATION DETAILS

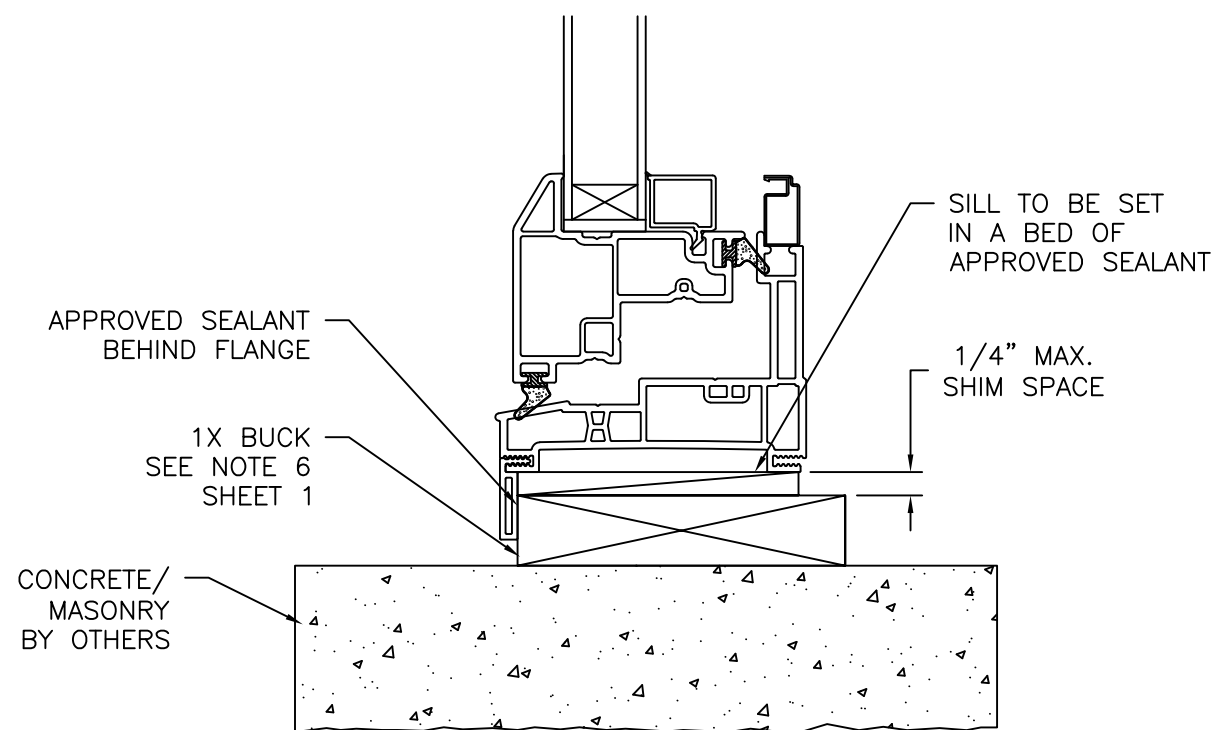
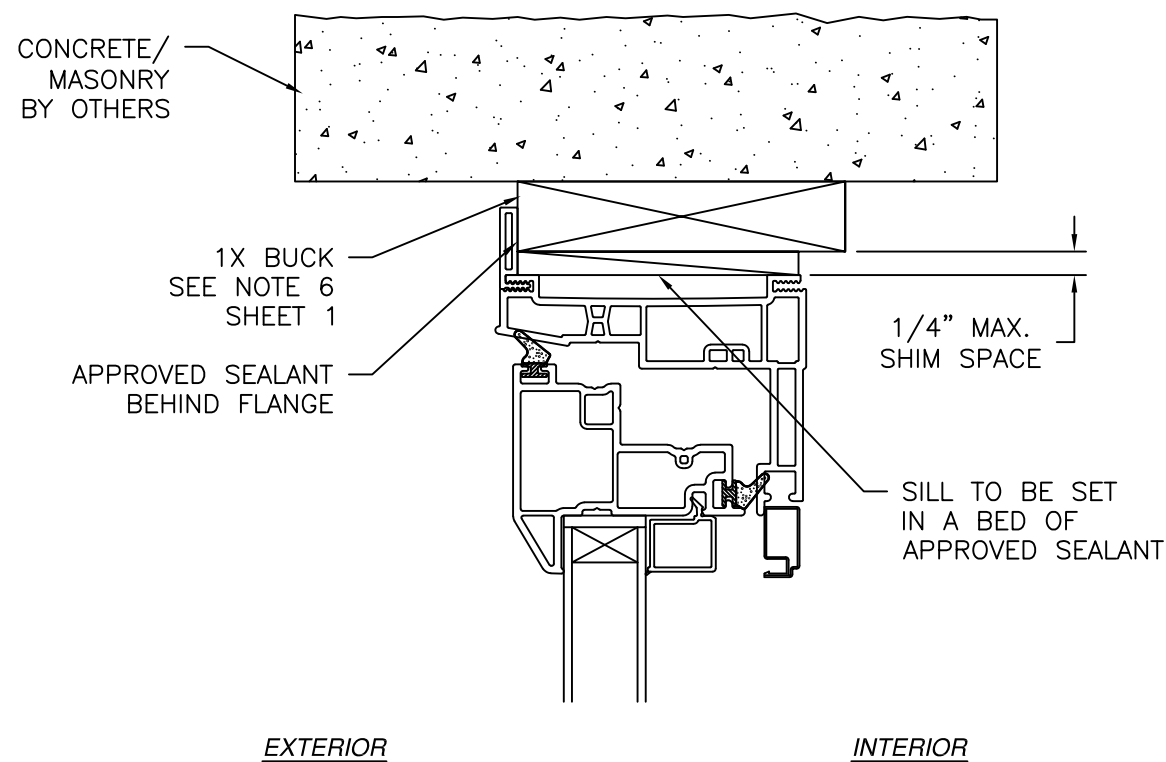
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DWG NO. 08-04215	SHEET 7 OF 11
SCALE NTS	REV - FPA -
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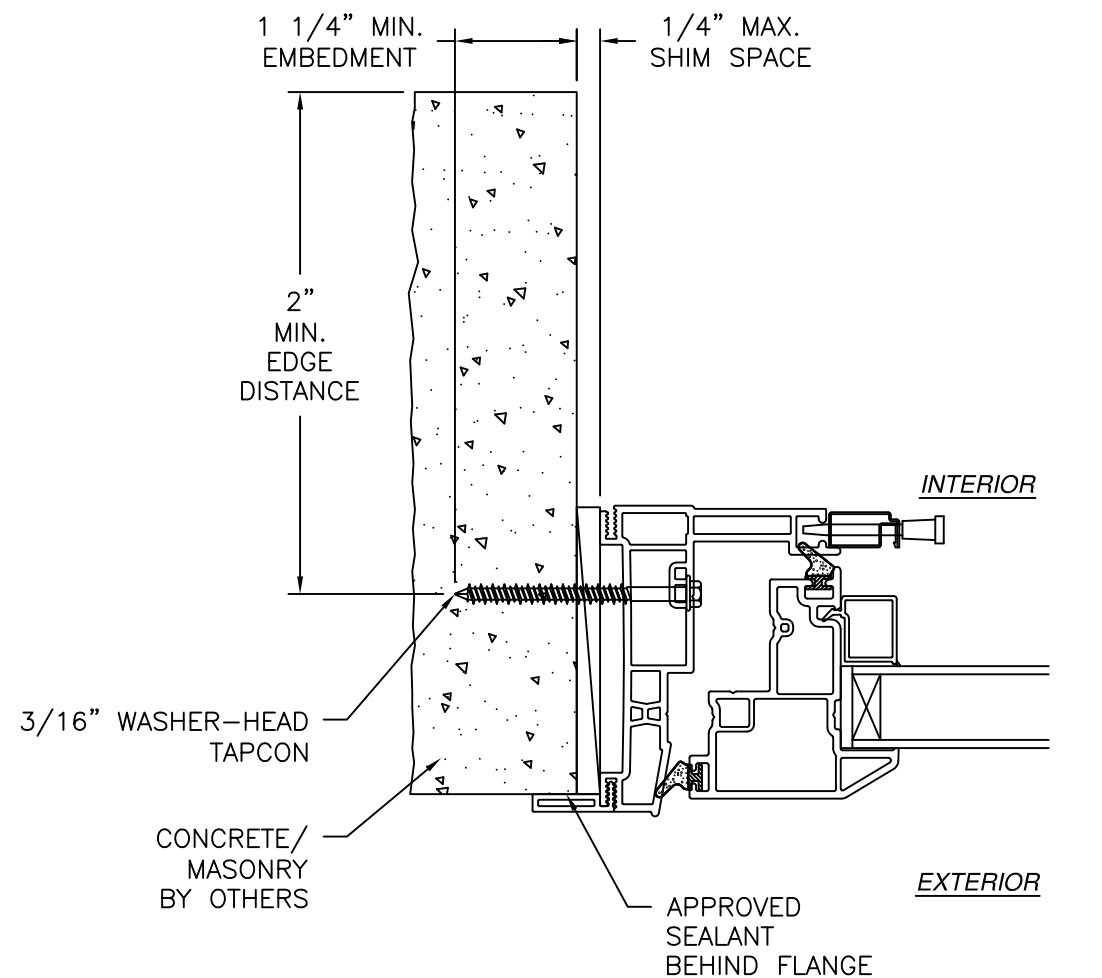
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Luis R. Lomas P.E.
FL No.: 62514



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
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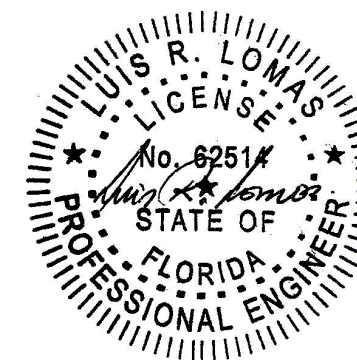
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2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

C100 PVC SWING-OUT CASEMENT WINDOW
NON-IMPACT
FLANGE INSTALLATION DETAILS

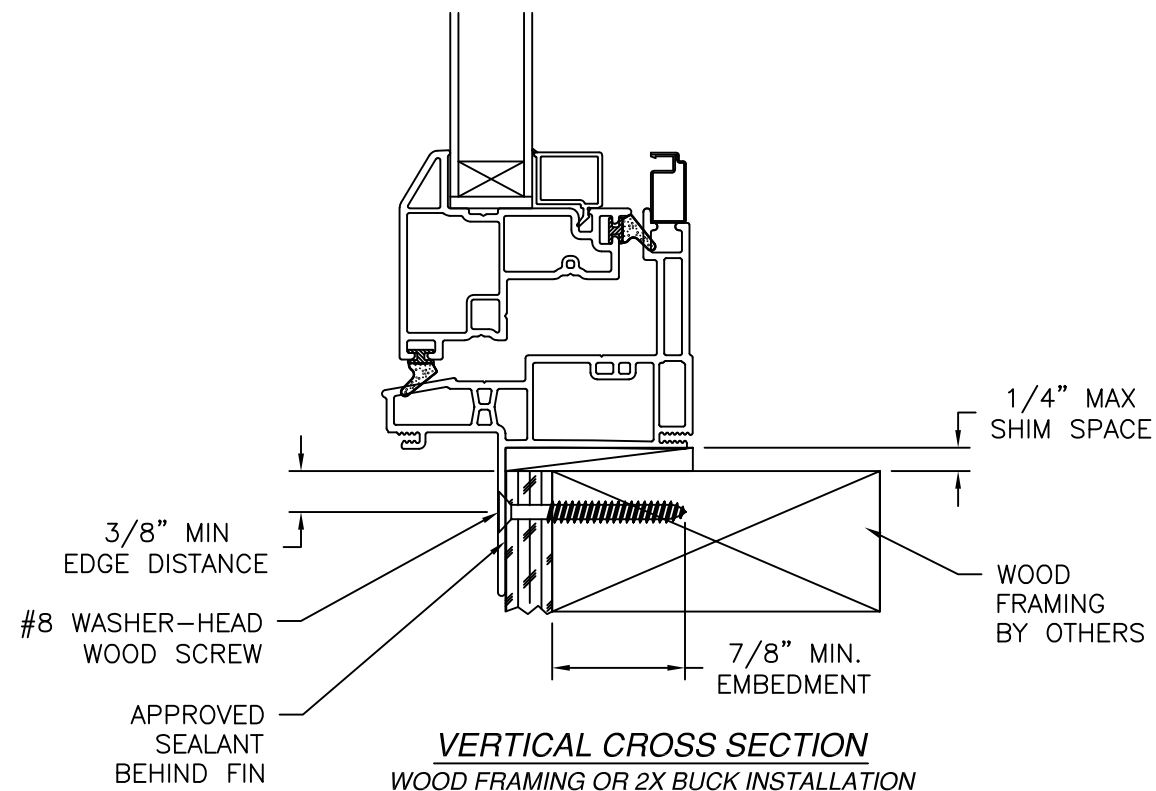
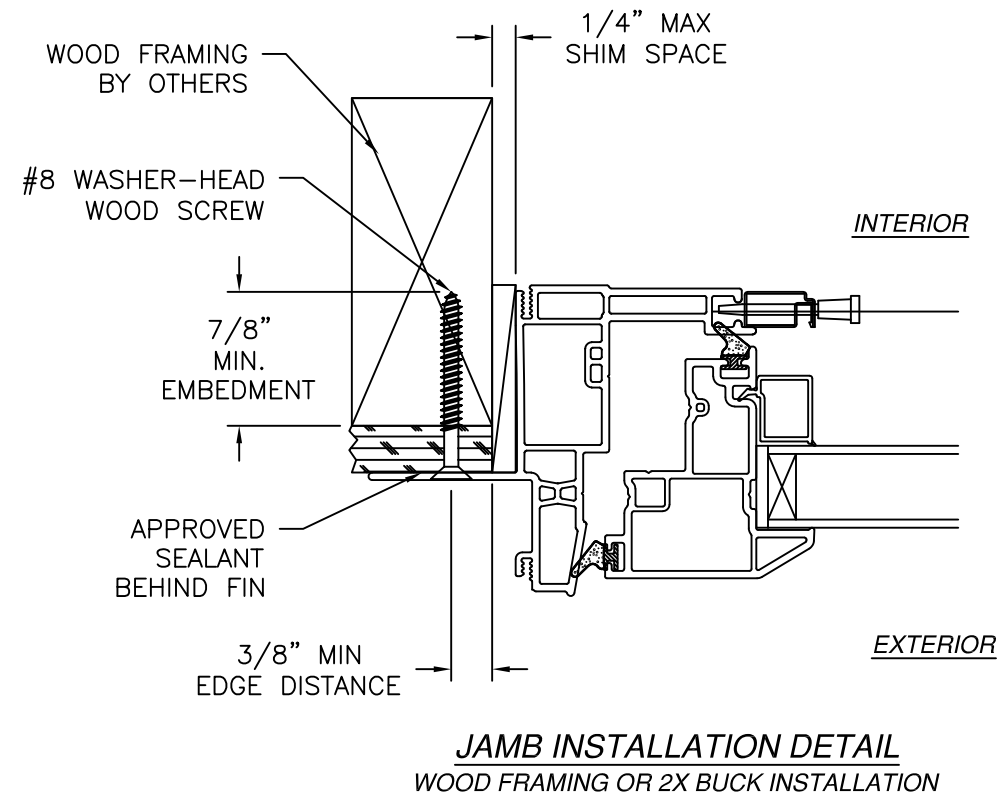
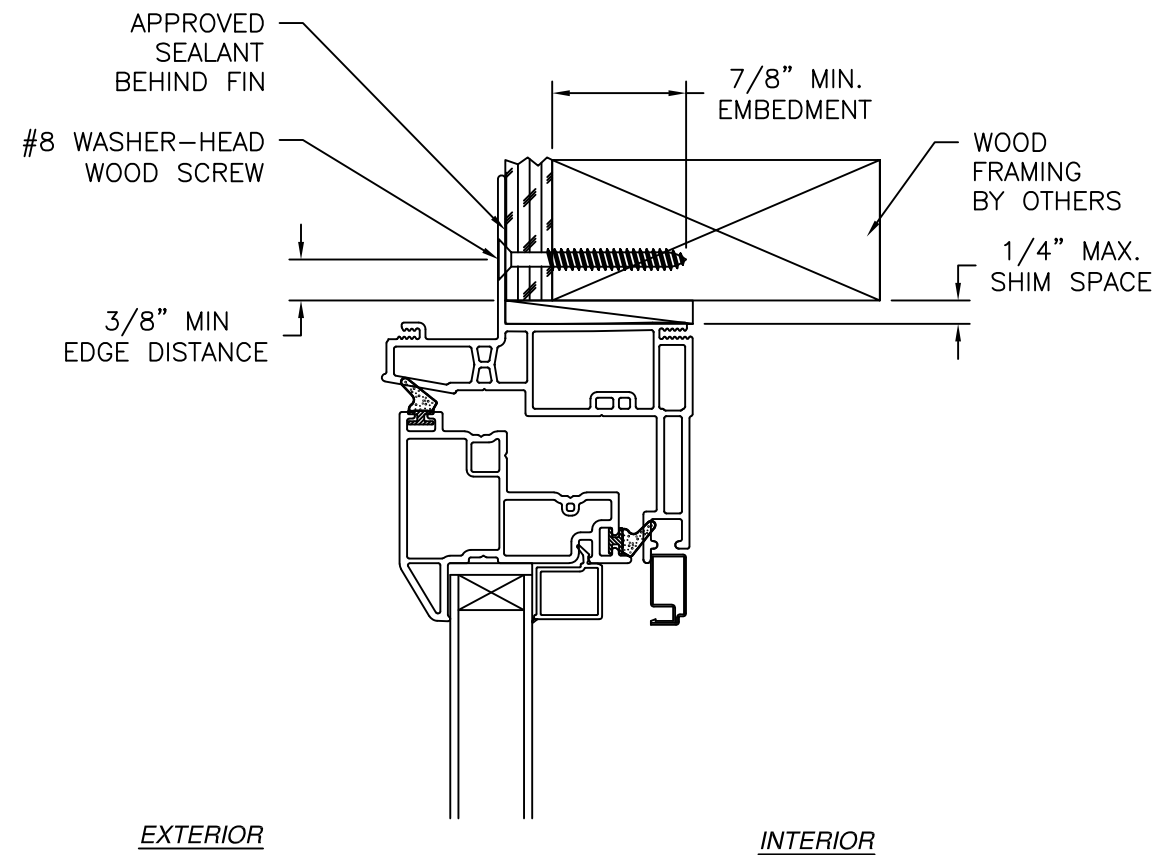
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434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-04215	SHEET 8 OF 11
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Luis R. Lomas P.E.
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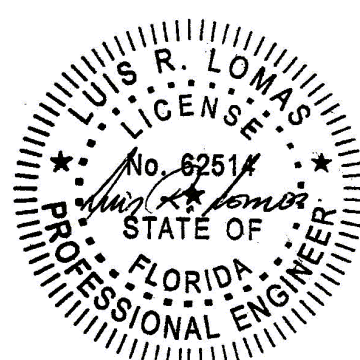
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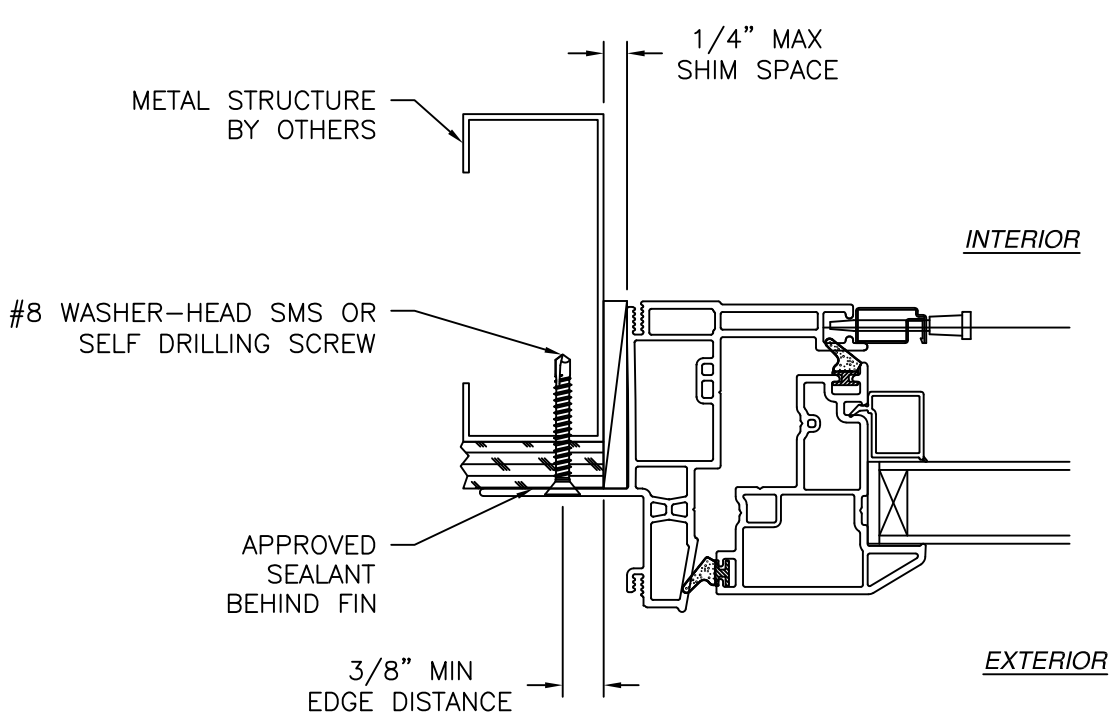
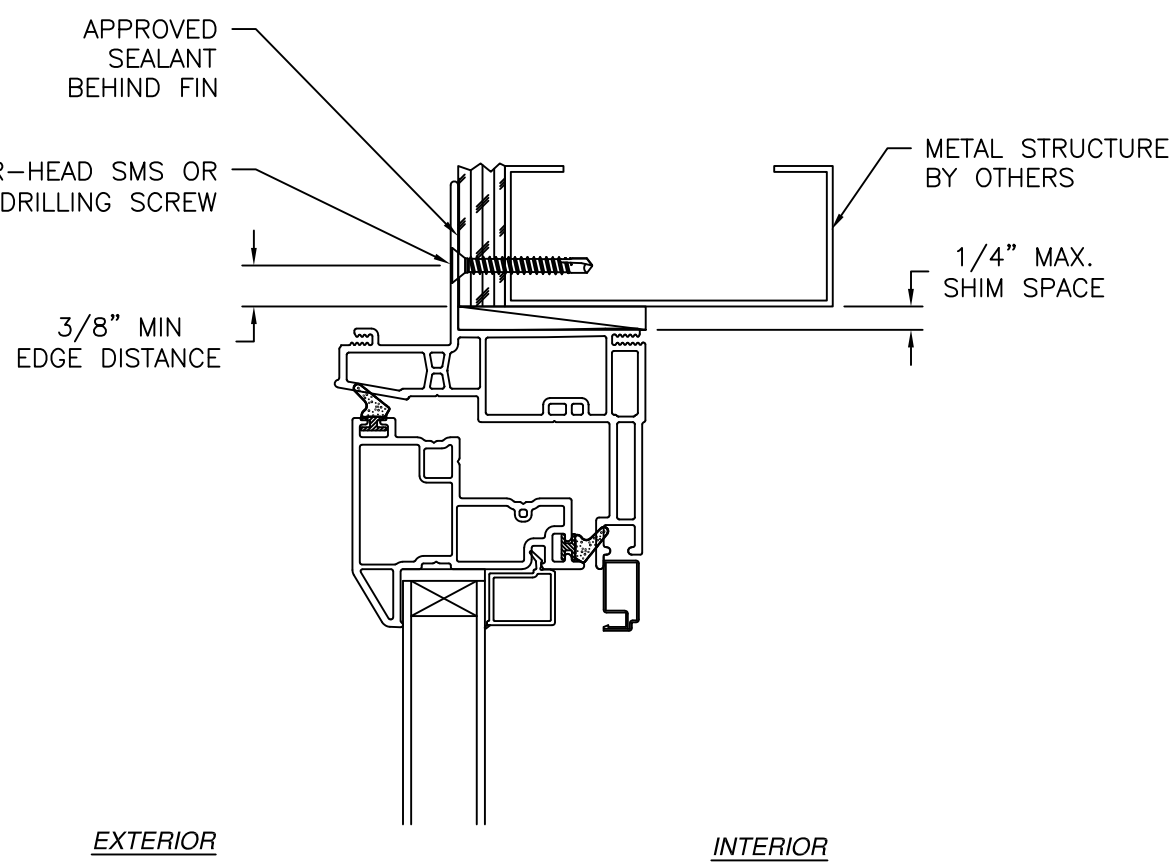
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	C100 PVC SWING-OUT CASEMENT WINDOW NON-IMPACT FIN INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com

DWG NO. 08-04215	SHEET 9 OF 11	
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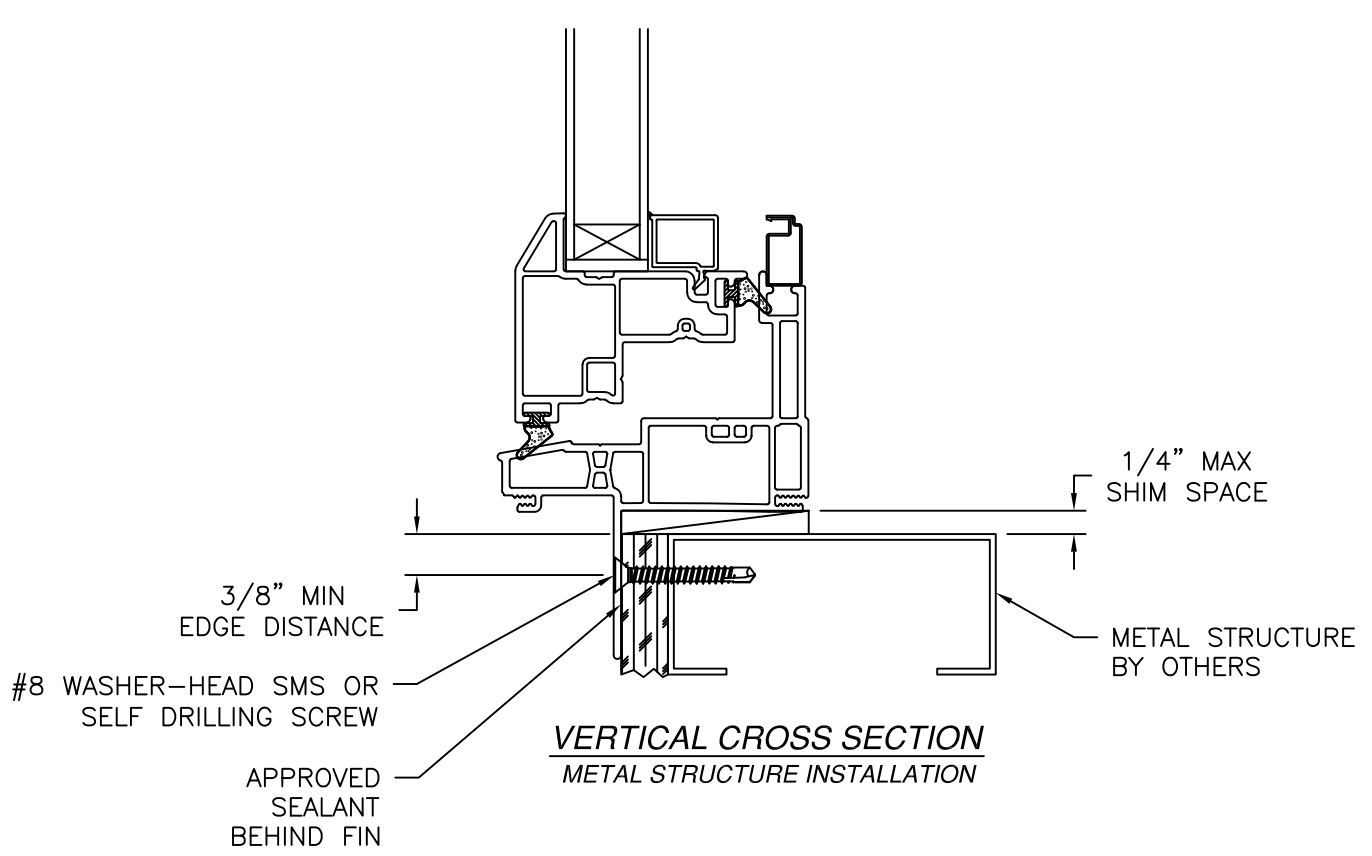


Luis R. Lomas P.E.
FL No.: 62514



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

REV	DESCRIPTION	DATE

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

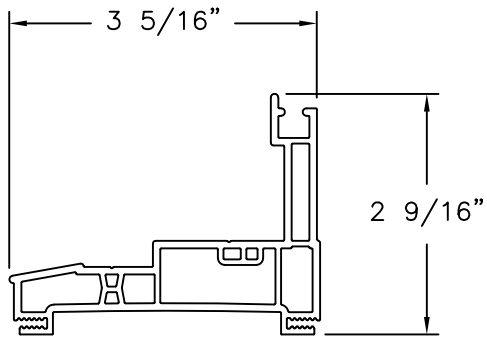
C100 PVC SWING-OUT CASEMENT WINDOW
NON-IMPACT
FIN INSTALLATION DETAILS

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

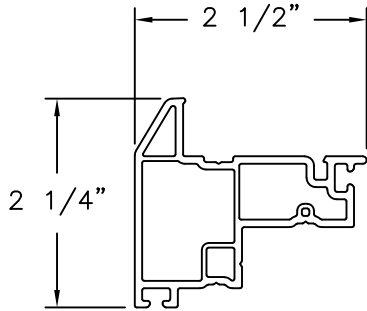
DWG NO. 08-04215	SHEET 10 OF 11
SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

SIGNED: 07/06/2026

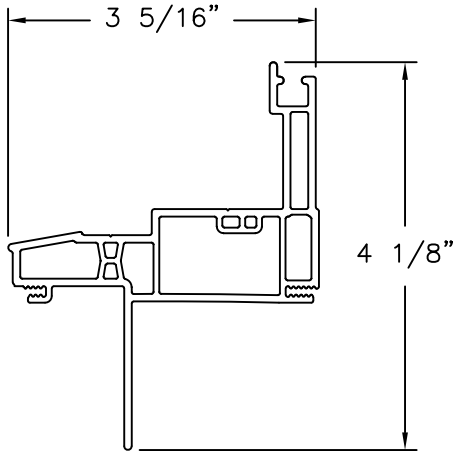
Luis R. Lomas P.E.
FL No.: 62514



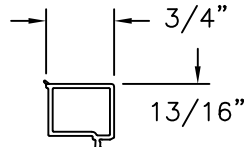
C100 SERIES FRAME
EXTRUDED PVC



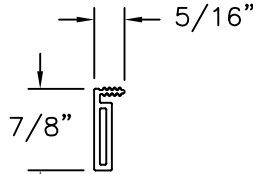
C100 SERIES SASH
EXTRUDED PVC



C100 SERIES FRAME WITH FIN
EXTRUDED PVC



7/8" GLAZING BEAD
EXTRUDED PVC



FLANGE
EXTRUDED PVC

REVISIONS		
REV	DESCRIPTION	DATE

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

DWG NO. 08-04215		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