

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. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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. REFER TO HORIZONTAL CROSS SECTIONS FOR IMPACT PROTECTIVE SYSTEM ATTACHMENT.
14. IMPACT PROTECTIVE SYSTEM MUST HAVE ITS OWN PRODUCT APPROVAL, ANCHORS ATTACHING PROTECTIVE SYSTEM TO THE PRODUCT SHOWN HEREIN MUST BE SPACED AND LOCATED ACCORDING WITH PROTECTIVE SYSTEM PRODUCT APPROVAL DOCUMENTATION.

15. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE ROOFING NAILS (.105" Ø MINIMUM) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME 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.
18. FOR ANCHORING THROUGH FRAME 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.
19. FOR ANCHORING THROUGH FRAME 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.
20. ALL FASTENERS TO BE CORROSION RESISTANT.
21. 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 2,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

SIGNED: 09/15/2021

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ALL AMERICAN WINDOW COMPANY, LLC
1930 HANAHAN RD. SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 2150 HORIZONTAL SLIDING WINDOW
NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03723

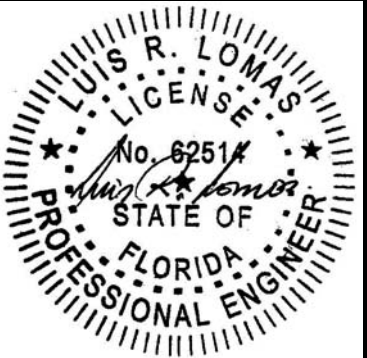
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SCALE
NTS

DATE
04/22/2021

SHEET
1 OF 9

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com



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

- NOTES:
1. SASH SIZE: 38 5/16" X 71 3/4"
 2. D.L.O.: 34 7/8" X 69 5/16"

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Chart # 1
Maximum Design pressure (psf)

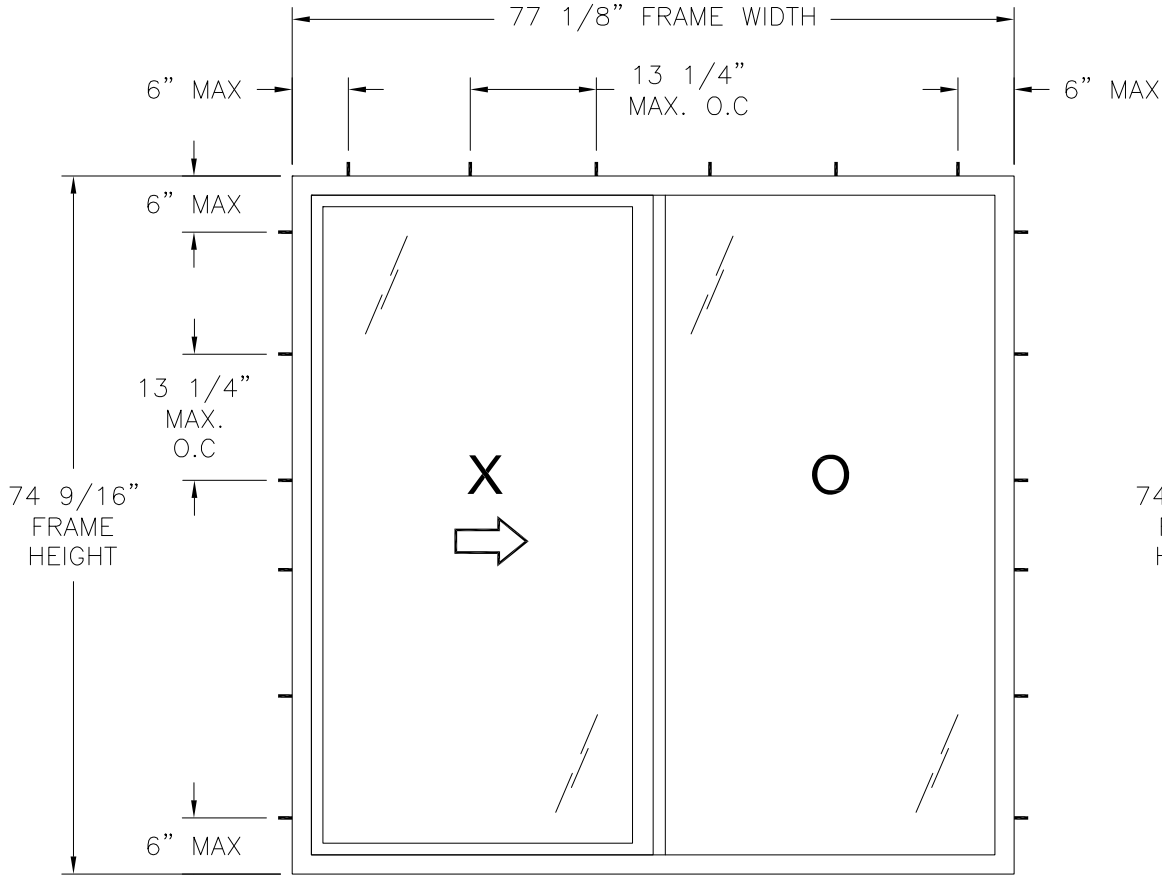
Frame Height (in)	Frame Width (in)						
	54.00	60.00	66.00	72.00	77.13	84.00	90.00
36.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0
42.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0
48.00	50.0	50.0	50.0	50.0	50.0	50.0	50.0
54.00	50.0	50.0	50.0	49.3	47.8	46.1	45.1
60.00	50.0	47.4	44.6	42.3	40.7	39.0	37.9
66.00	45.1	41.8	39.2	37.0	35.5	33.8	-
72.00	40.5	37.4	34.9	32.9	31.5	-	-
74.56	38.8	35.8	33.4	31.4	30.0	-	-
78.00	35.2	32.0	29.5	27.4	-	-	-
84.00	28.0	25.4	23.4	-	-	-	-
90.00	22.6	20.5	-	-	-	-	-

UNITS INSTALLED WITHOUT SILL RISER

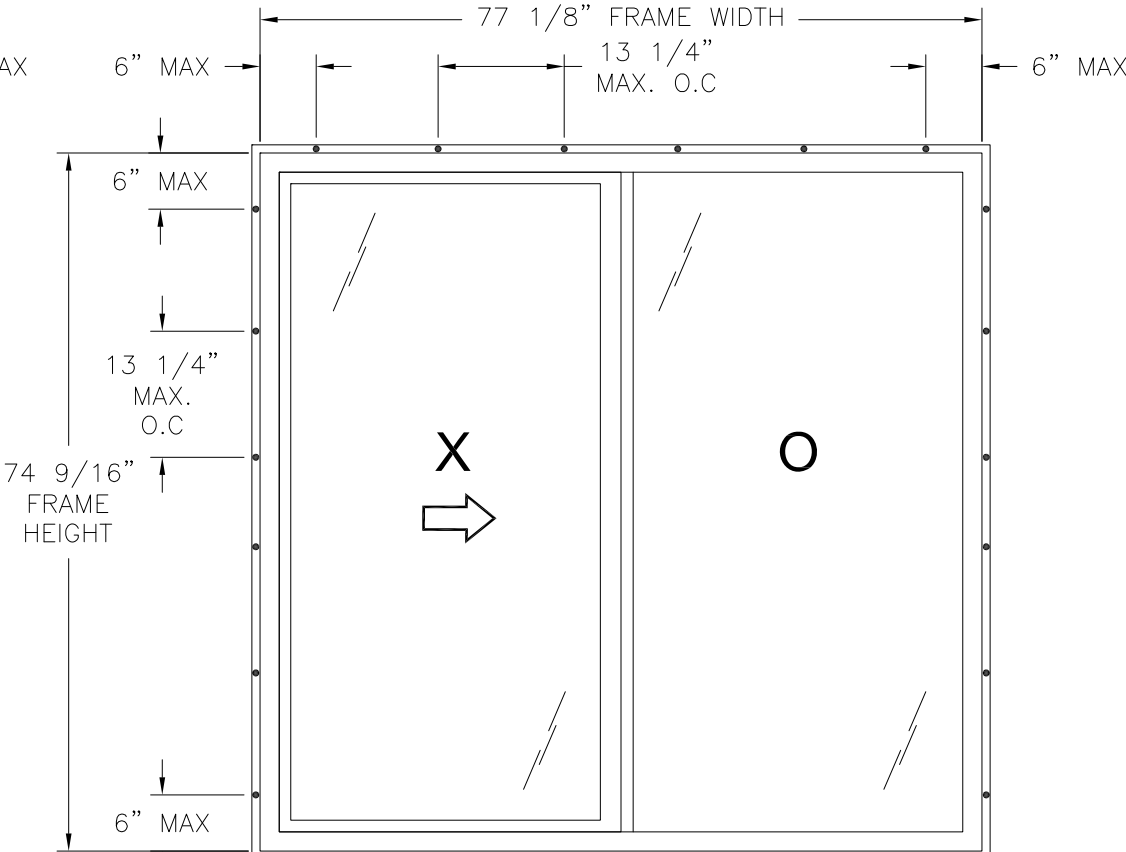
Chart # 2
Maximum Design pressure (psf)

Frame Height (in)	Frame Width (in)						
	54.00	60.00	66.00	72.00	77.13	84.00	90.00
36.00	70.0	70.0	70.0	70.0	70.0	70.0	70.0
42.00	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48.00	68.7	64.6	61.5	59.2	57.7	56.4	55.7
54.00	58.5	54.7	51.7	49.3	47.8	46.1	45.1
60.00	50.9	47.4	44.6	42.3	40.7	39.0	37.9
66.00	45.1	41.8	39.2	37.0	35.5	33.8	-
72.00	40.5	37.4	34.9	32.9	31.5	-	-
74.56	38.8	35.8	33.4	31.4	30.0	-	-
78.00	35.2	32.0	29.5	27.4	-	-	-
84.00	28.0	25.4	23.4	-	-	-	-
90.00	22.6	20.5	-	-	-	-	-

UNITS INSTALLED WITH 5/8" SILL RISER



SERIES 2150 HORIZONTAL SLIDING WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



SERIES 2150 HORIZONTAL SLIDING WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

77 1/8" X 74 9/16" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 39.93 FT²

HARDWARE SCHEDULE

A.	SWEEP LOCK AT ACTIVE SASH MEETING RAIL, 8 1/2" FROM EACH JAMB
B.	ALUMINUM REINFORCEMENT (T-13144) AT FIXED MEETING RAIL

ALL AMERICAN WINDOW COMPANY, LLC

1930 HANAHAN RD. SUITE 1400A
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SERIES 2150 HORIZONTAL SLIDING WINDOW
NON-IMPACT
ELEVATIONS

DRAWN: A.R.	DWG NO. 08-03723	REV -
SCALE NTS	DATE 04/22/2021	SHEET 2 OF 9

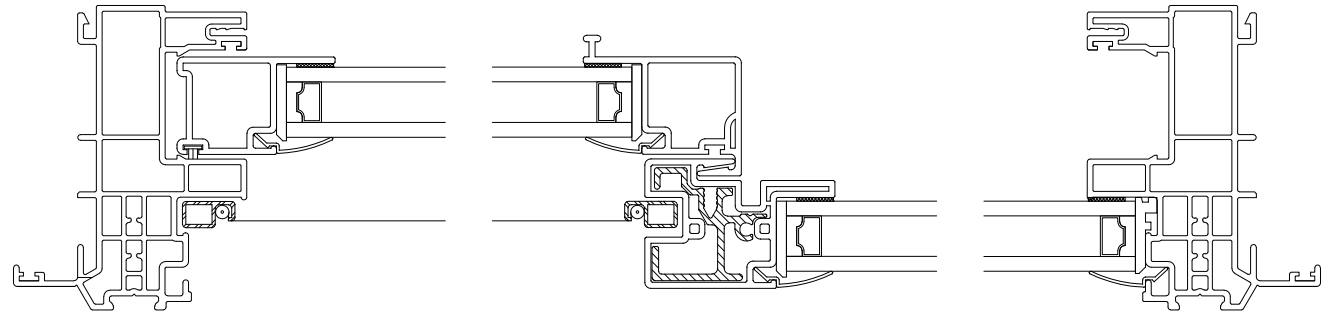
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com

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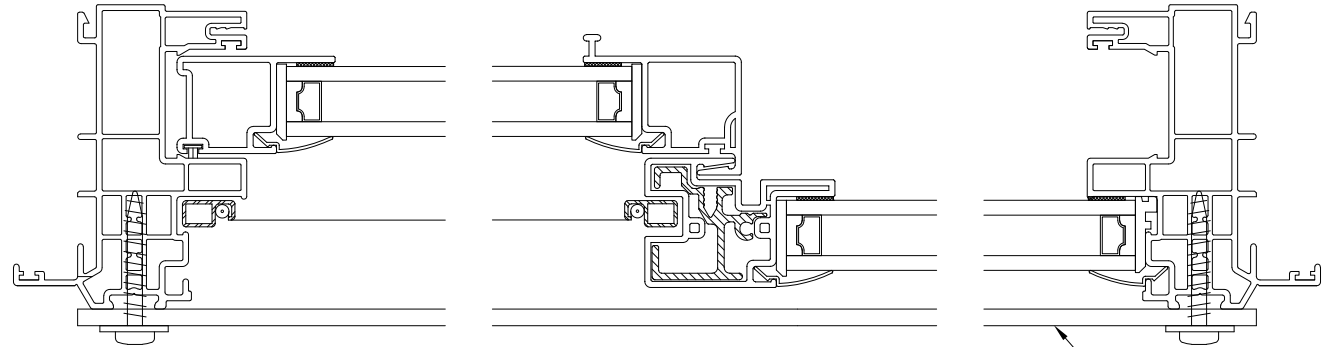


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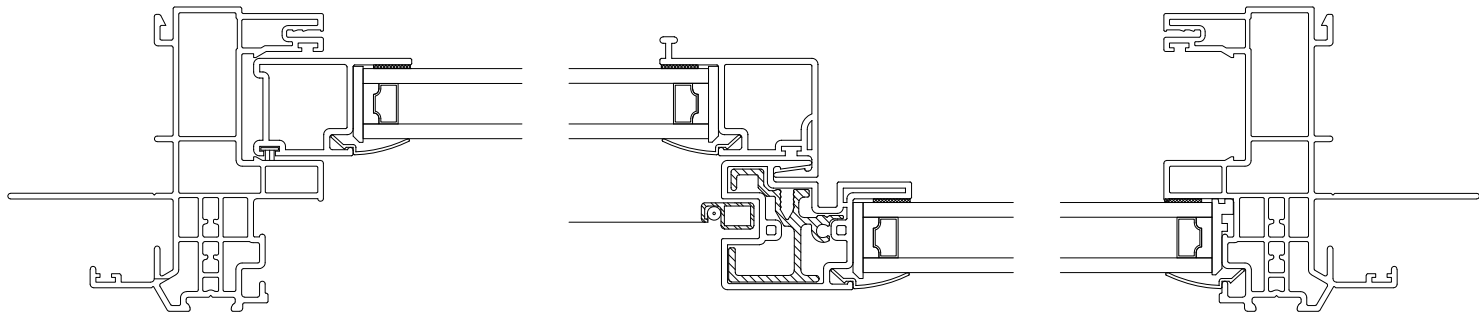


HORIZONTAL CROSS SECTION
FRAME INSTALLATION

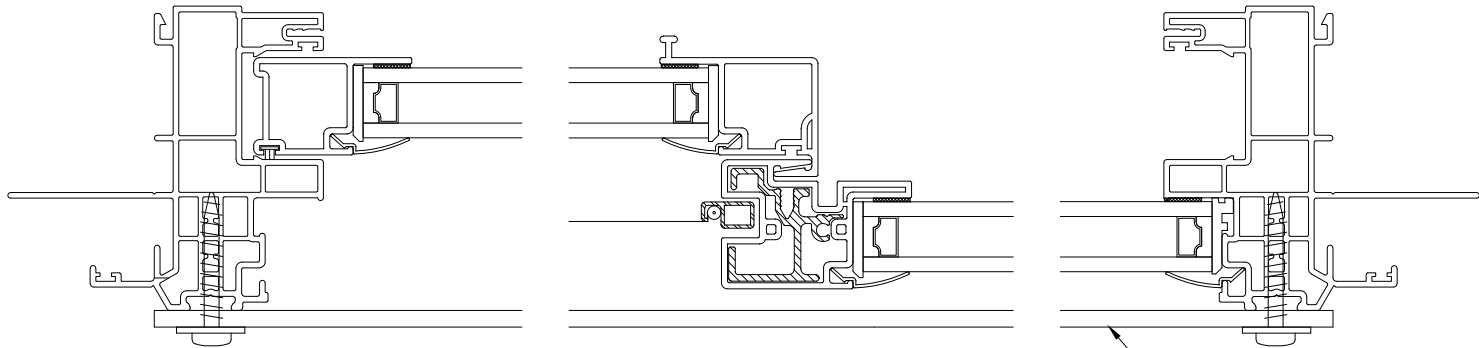


HORIZONTAL CROSS SECTION
FRAME INSTALLATION
WITH IMPACT PROTECTIVE SYSTEM (REFERENCE ONLY)
HORIZONTAL INSTALLATION SHOWN, VERTICAL INSTALLATION SIMILAR

IMPACT PROTECTIVE SYSTEM BY OTHERS
MUST HAVE APPROPRIATE PRODUCT APPROVAL
SHOWN FOR REFERENCE ONLY
SEE NOTE 13 FOR ATTACHMENTS



HORIZONTAL CROSS SECTION
FIN INSTALLATION



HORIZONTAL CROSS SECTION
FIN INSTALLATION
WITH IMPACT PROTECTIVE SYSTEM (REFERENCE ONLY)
HORIZONTAL INSTALLATION SHOWN, VERTICAL INSTALLATION SIMILAR

IMPACT PROTECTIVE SYSTEM BY OTHERS
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NON-IMPACT
HORIZONTAL CROSS SECTIONS

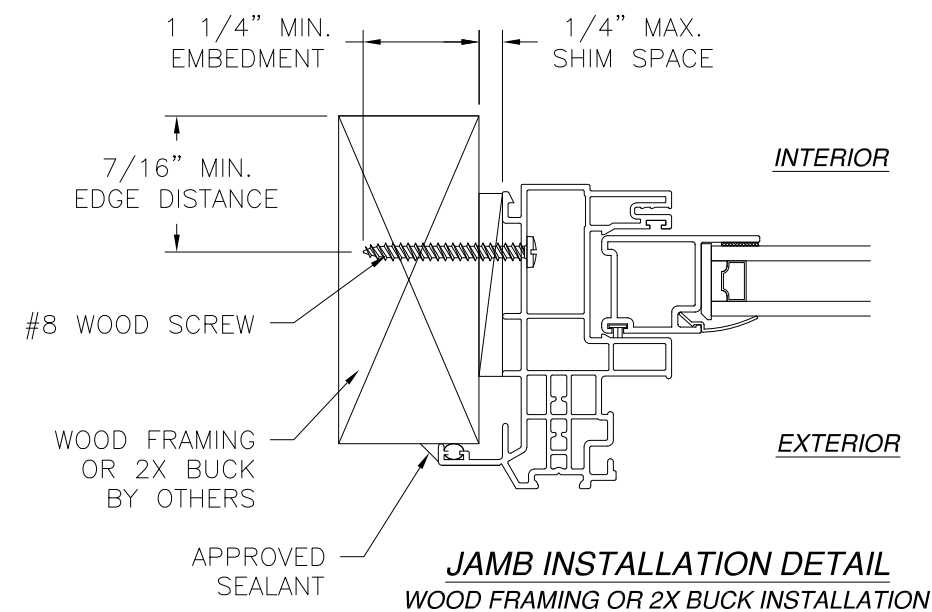
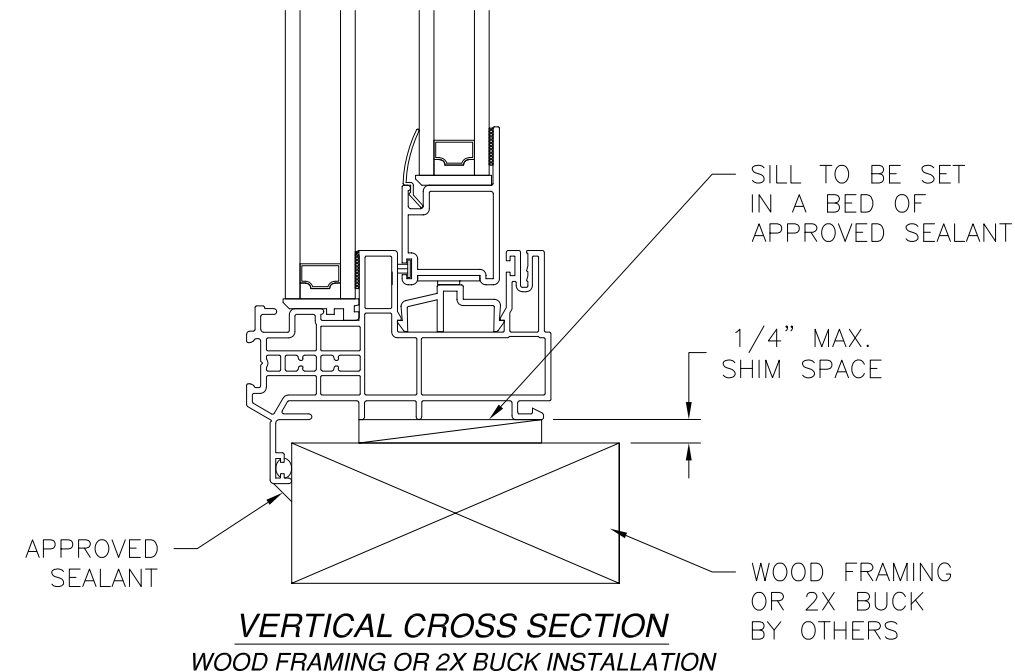
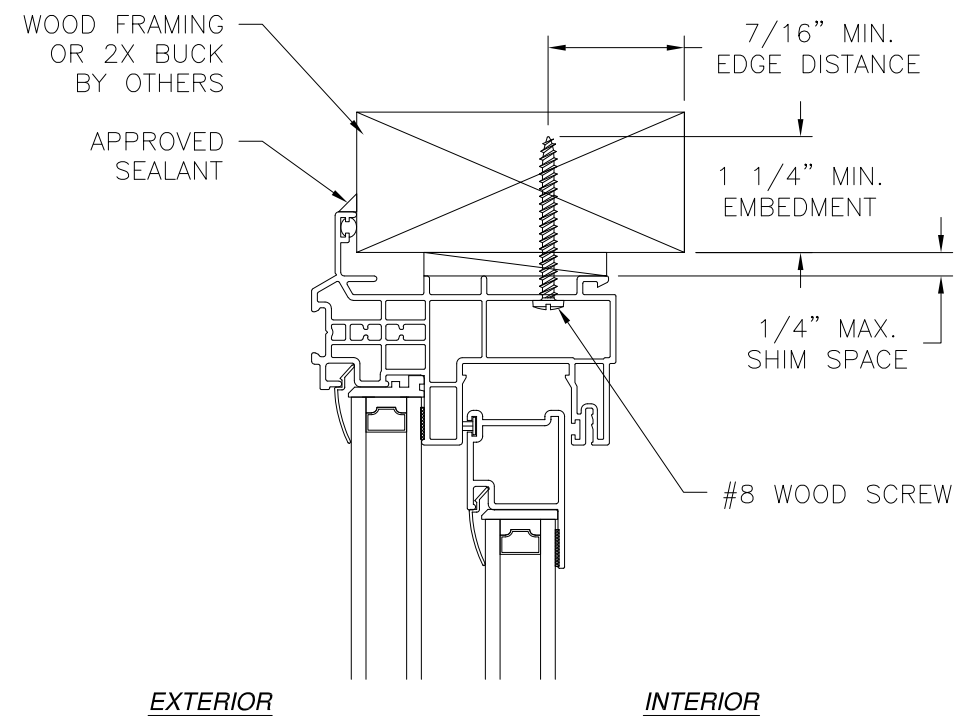
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SCALE NTS	DATE 04/22/2021	SHEET 3 OF 9
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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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

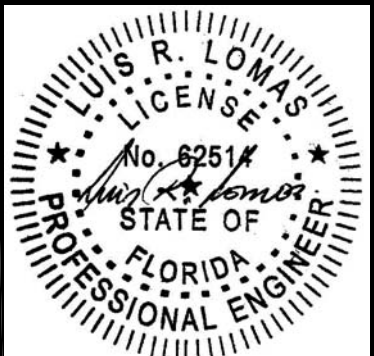
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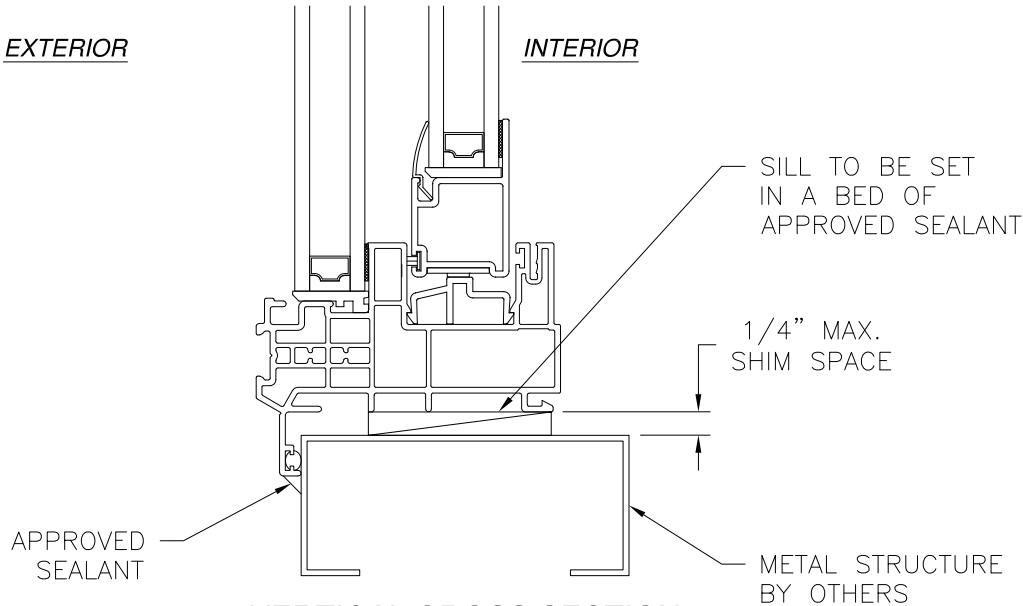
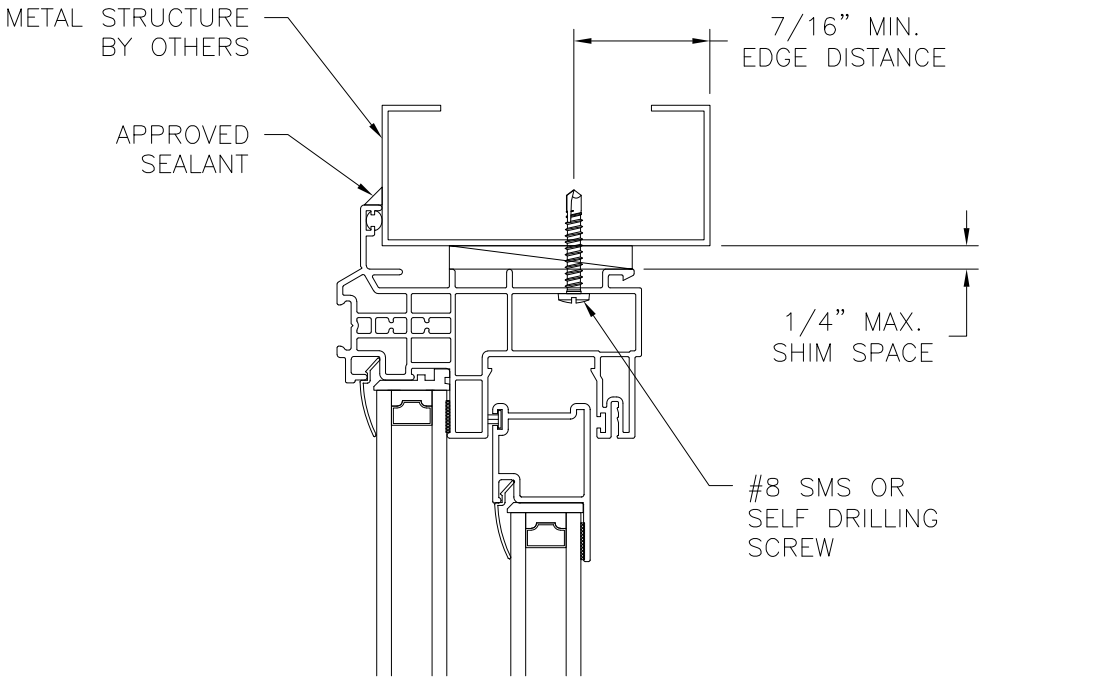
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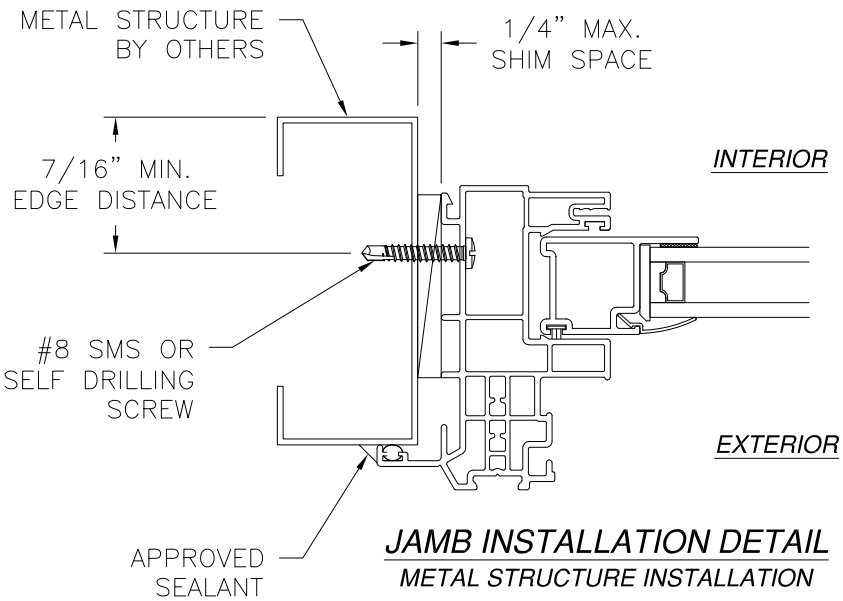


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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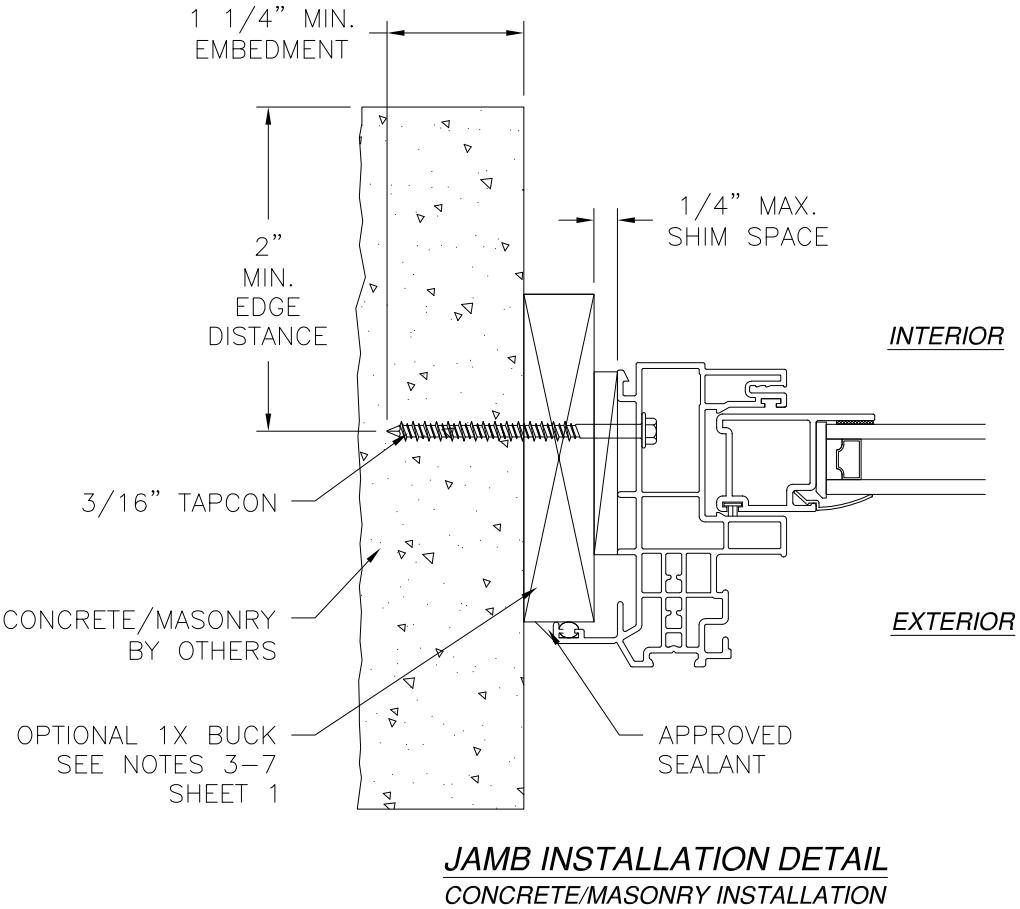
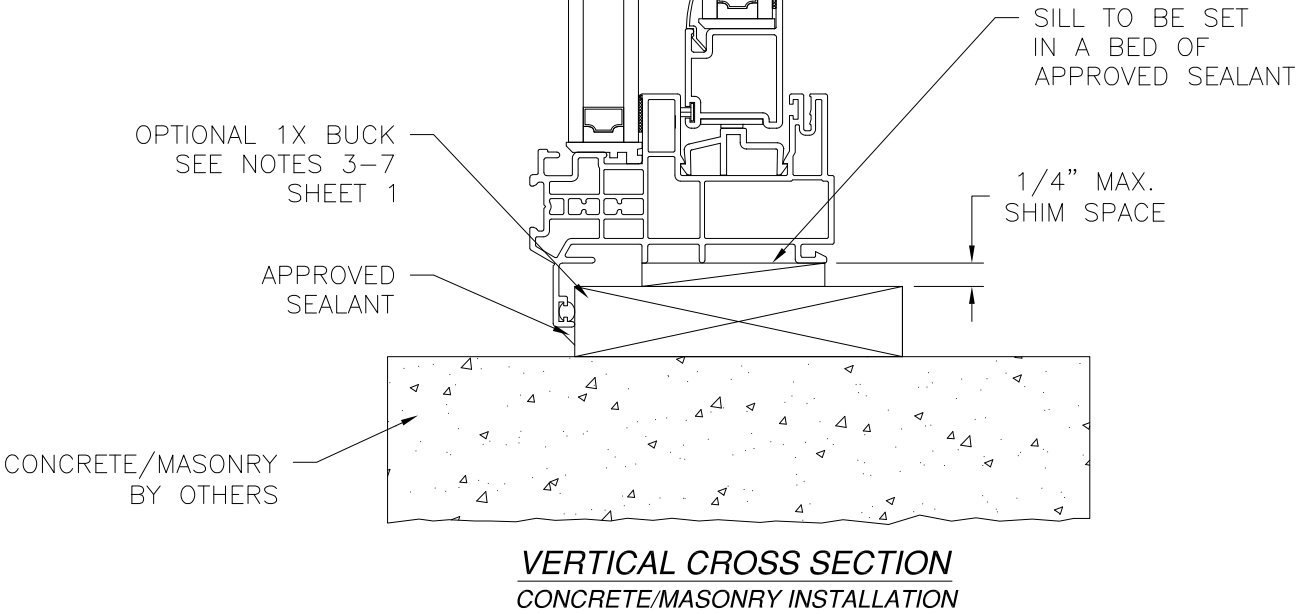
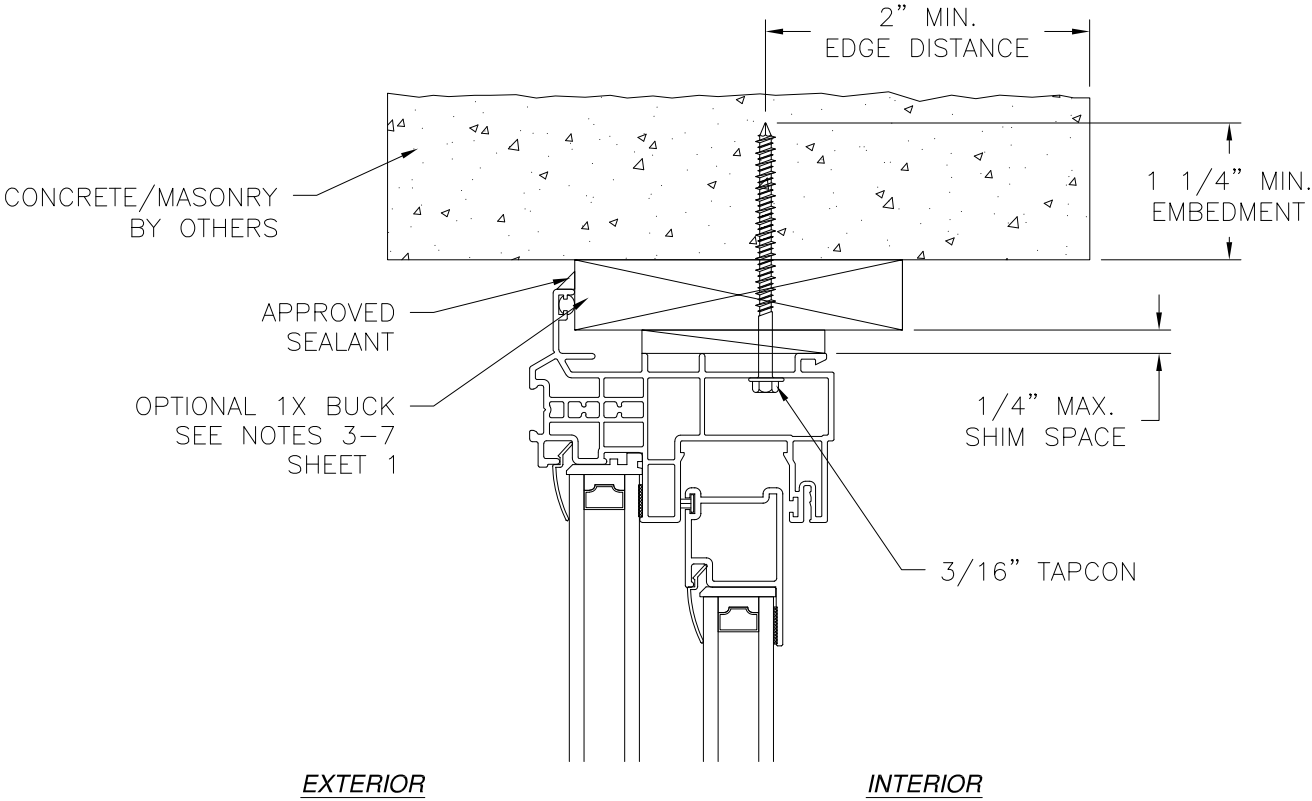
SHEET
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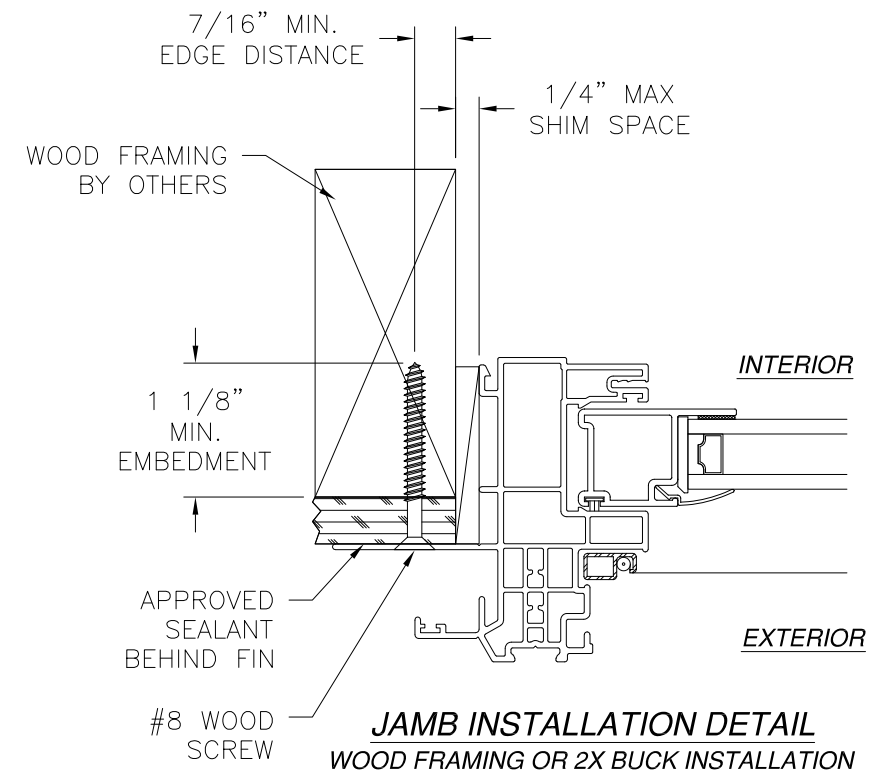
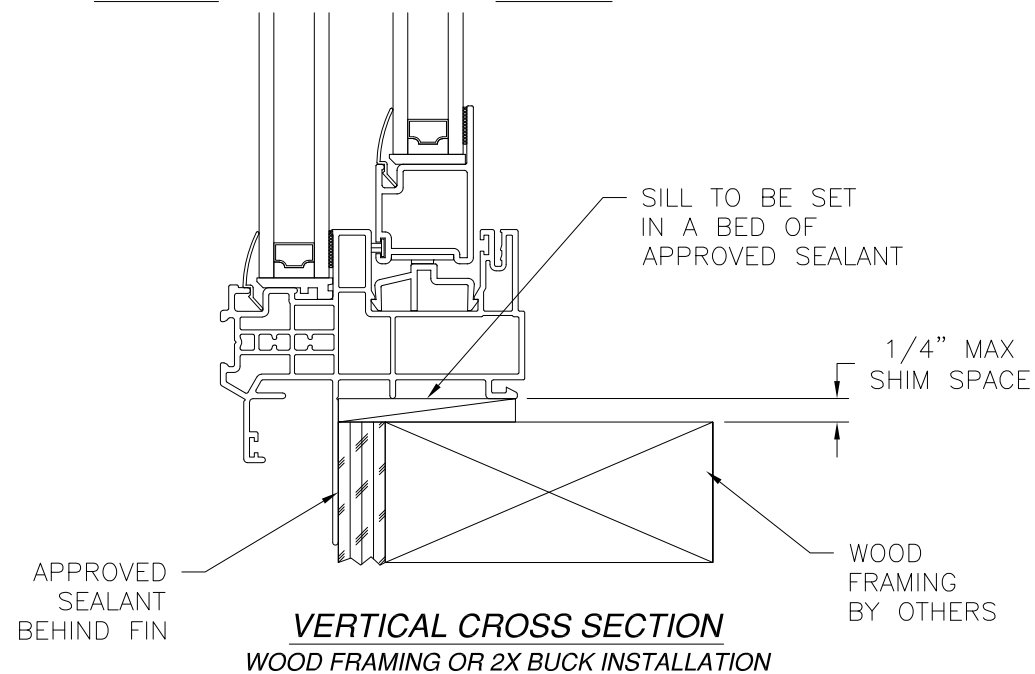
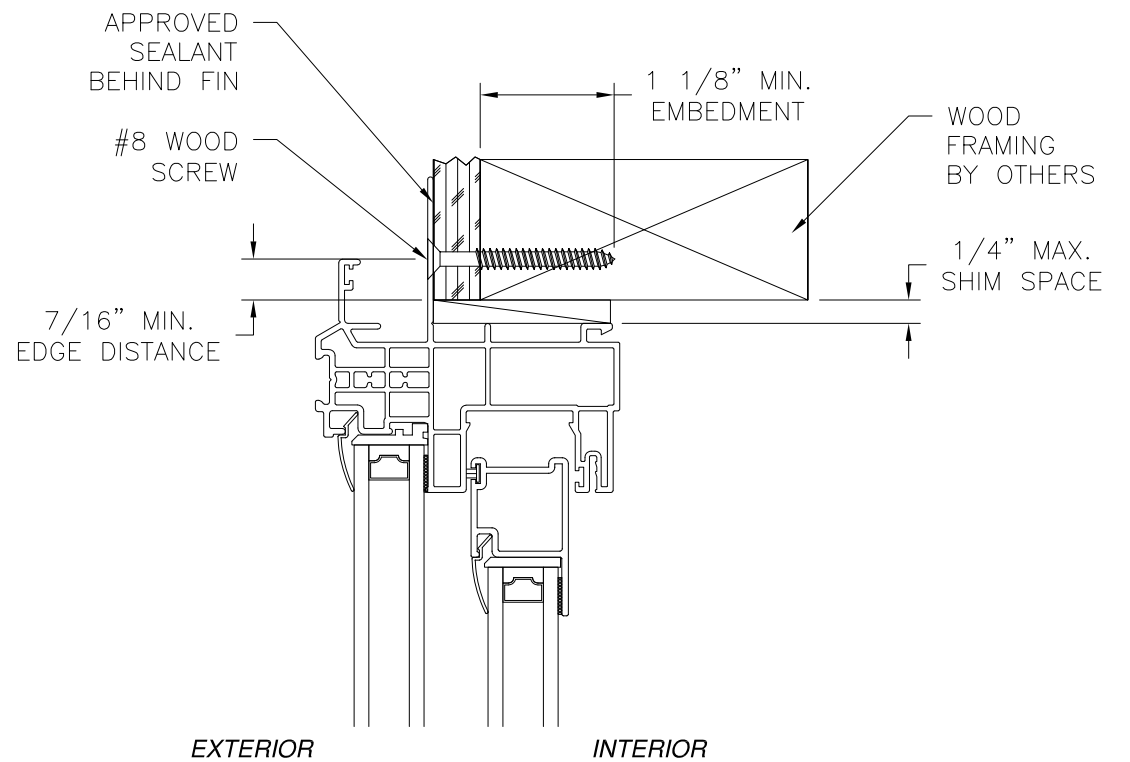
SHEET
6 OF 9

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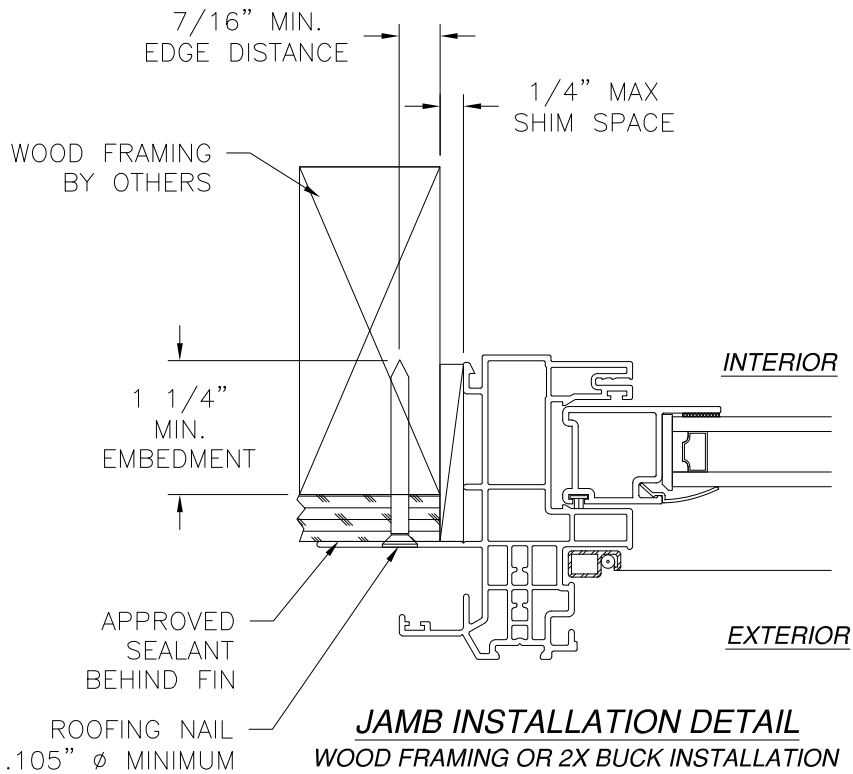
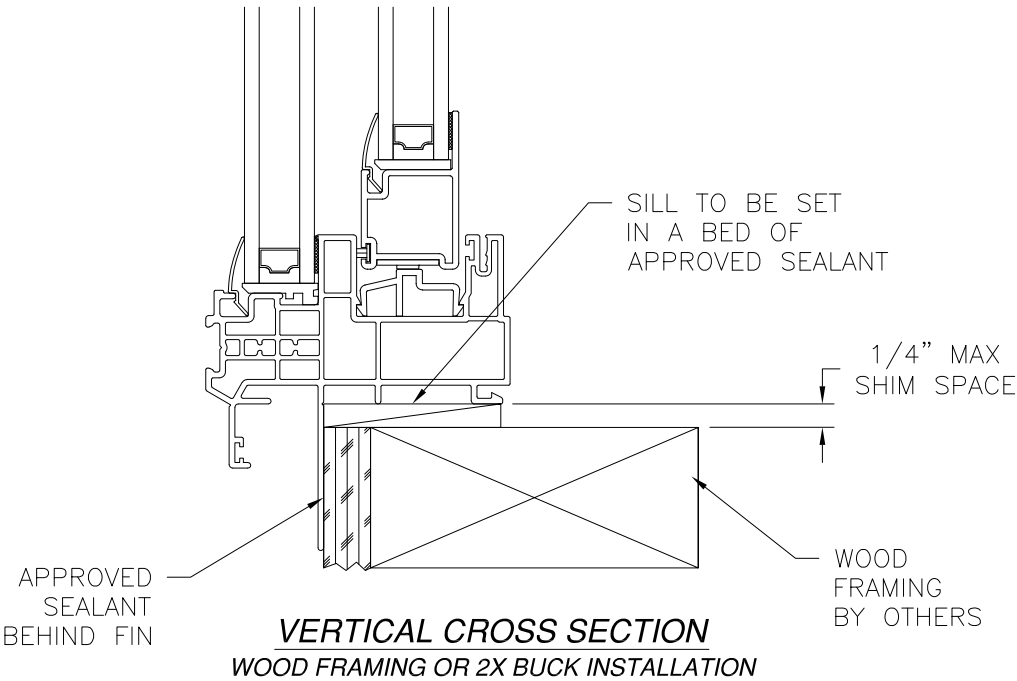
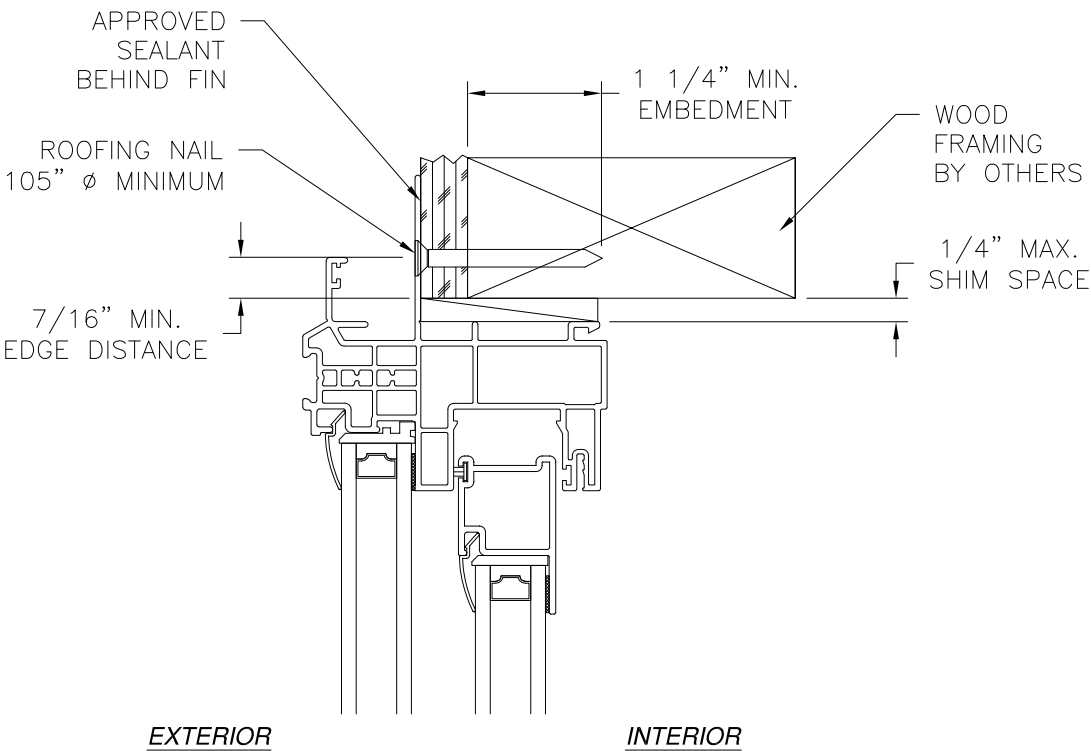
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SERIES 2150 HORIZONTAL SLIDING WINDOW NON-IMPACT FIN INSTALLATION DETAILS		
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L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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SERIES 2150 HORIZONTAL SLIDING WINDOW
NON-IMPACT
FIN INSTALLATION DETAILS

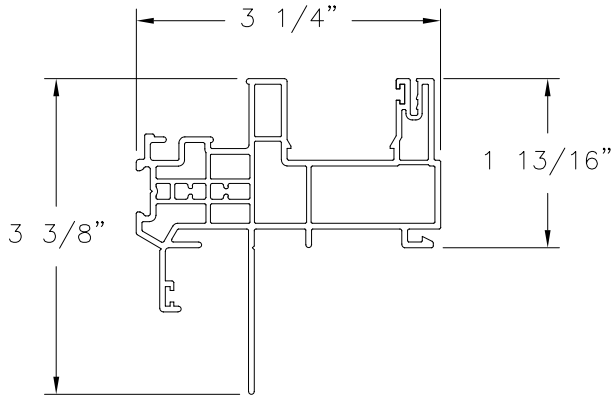
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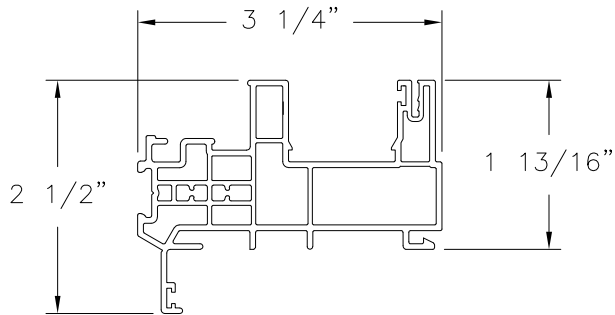


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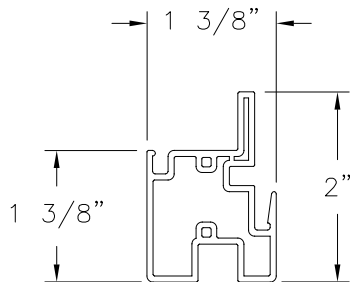
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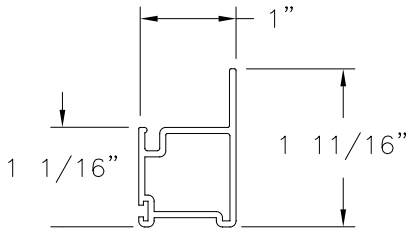
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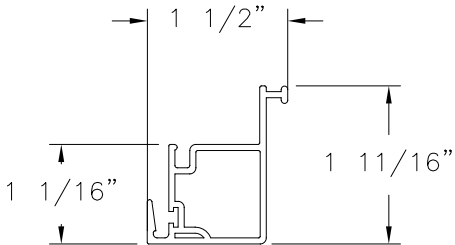
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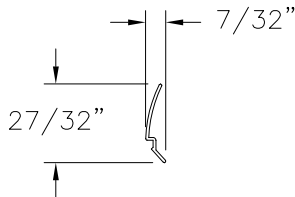
MEETING RAIL
VINYL (606008)



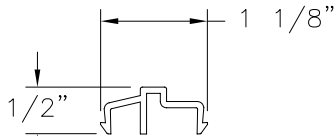
MAIN SASH
VINYL (606006)



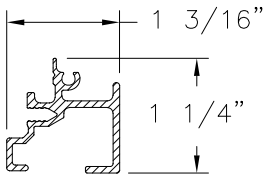
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VINYL (606005)



GLAZING BEAD
VINYL (245504)



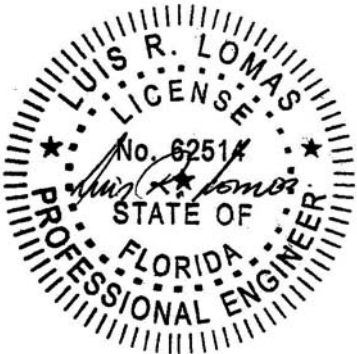
SLIDER TRACK
VINYL (606009)



REINFORCEMENT
ALUMINUM 6063-T6 (T-13144)

ALL AMERICAN WINDOW COMPANY, LLC 1930 HANAHAN RD. SUITE 1400A NORTH CHARLESTON, SC 29406		
SERIES 2150 HORIZONTAL SLIDING WINDOW NON-IMPACT COMPONENTS		
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