

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, METAL 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. 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.
4. 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.
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 WINDOW 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 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FIN 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.
15. 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.
16. 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.
17. 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.
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:

19.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42

19.2. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.

19.3. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

19.4. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

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1	NOTES
2 – 3	ELEVATIONS
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8	COMPONENTS

MAGNOLIA WINDOW & DOOR
1000 PYRATICH DRIVE
BALDWIN, GA 30511

400 PVC FIXED OVER SINGLE HUNG WINDOW
NON-IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-04172

REV
-

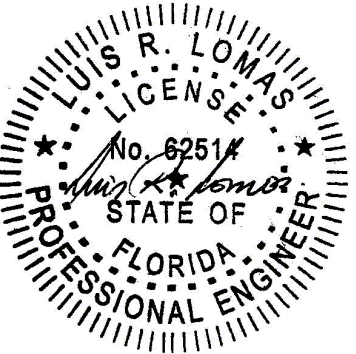
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DATE 09/11/25

SHEET 1 OF 9

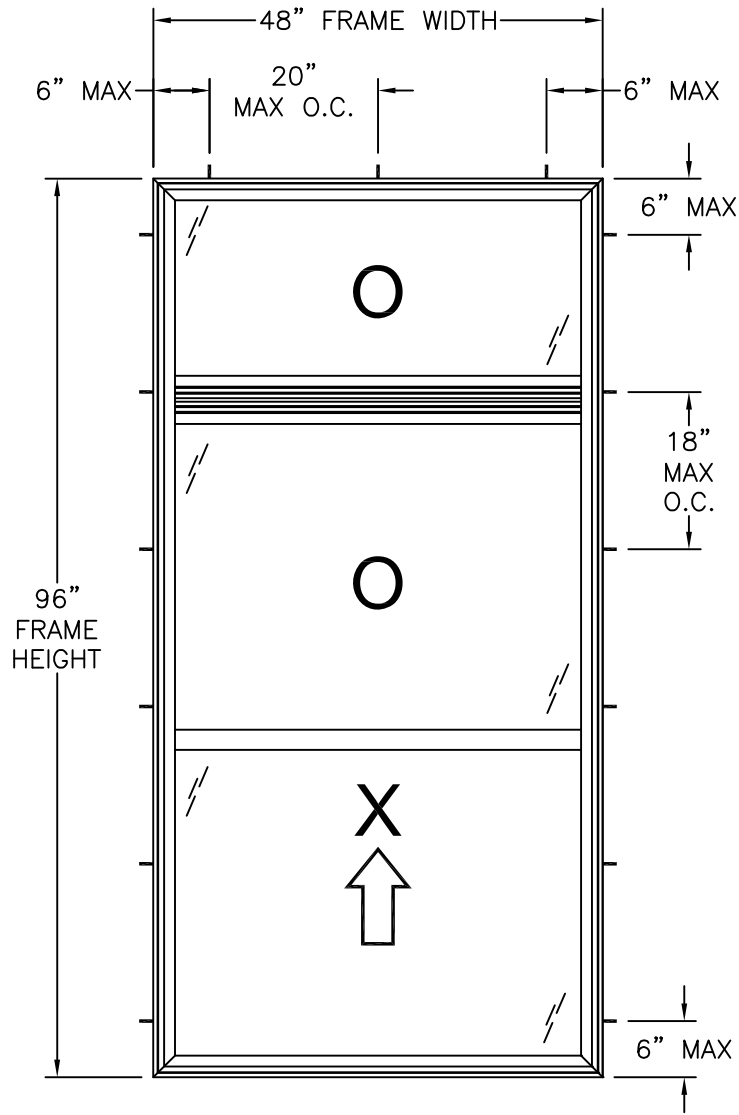
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/19/2025

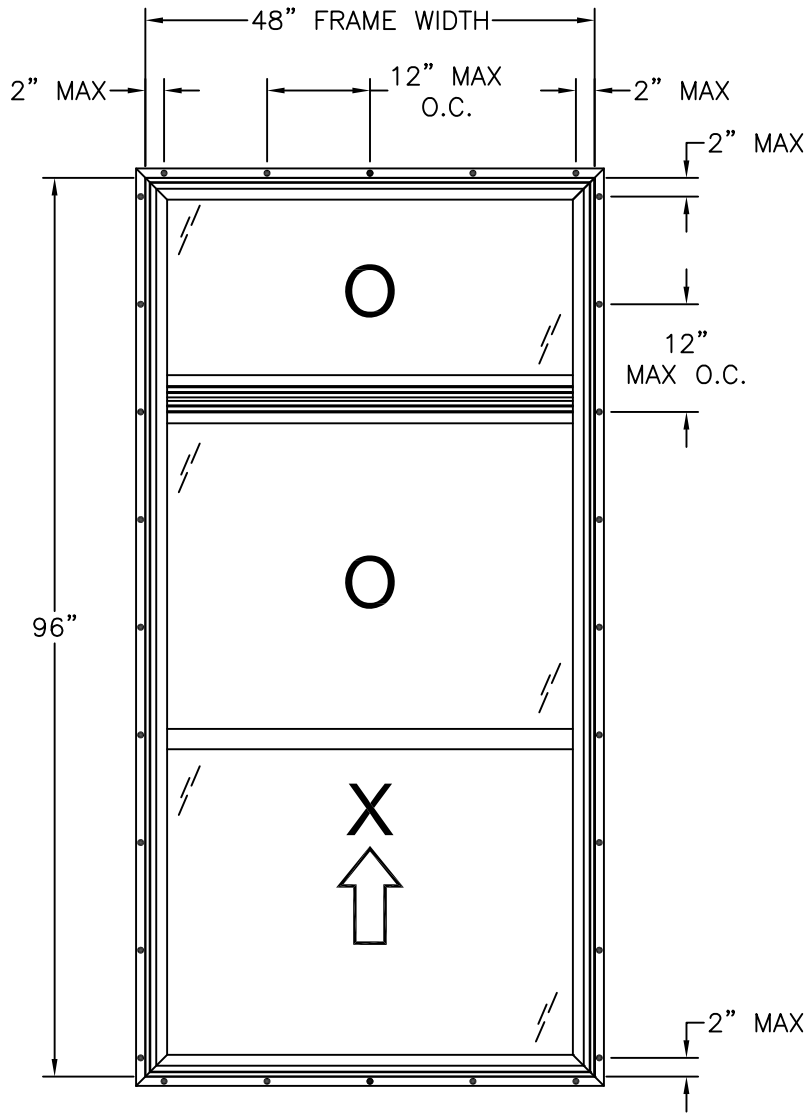


Luis R. Lomas P.E.
FL No.: 62514

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400 PVC FIXED OVER SINGLE HUNG
EXTERIOR VIEW
FRAME INSTALLATION



400 PVC FIXED OVER SINGLE HUNG
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

Chart #1
Rating (psf)

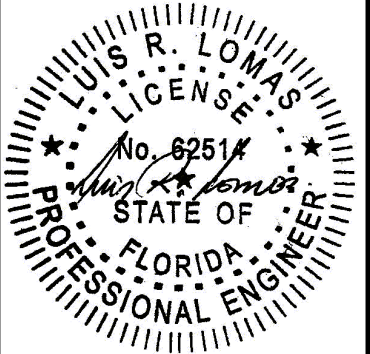
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	24.00		30.00		36.00		42.00		48.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	40.0	56.3	40.0	55.3	40.0	54.4	40.0	53.4	40.0	52.5
30.00	40.0	55.3	40.0	54.1	40.0	53.0	40.0	51.8	40.0	50.6
36.00	40.0	54.4	40.0	53.0	40.0	51.6	40.0	50.2	40.0	48.8
42.00	40.0	53.4	40.0	51.8	40.0	50.2	40.0	48.5	40.0	46.9
48.00	40.0	52.5	40.0	50.6	40.0	48.8	40.0	46.9	40.0	45.0
54.00	40.0	51.6	40.0	49.5	40.0	47.3	40.0	45.2	40.0	43.1
60.00	40.0	50.6	40.0	48.3	40.0	45.9	40.0	43.6	40.0	41.3
66.00	40.0	49.7	40.0	47.1	40.0	44.5	40.0	42.0	39.4	39.4
72.00	40.0	48.8	40.0	45.9	40.0	43.1	40.0	40.3	37.5	37.5
78.00	40.0	47.8	40.0	44.8	40.0	41.7	38.7	38.7	35.6	35.6
84.00	40.0	46.9	40.0	43.6	40.0	40.3	37.0	37.0	33.8	33.8
90.00	40.0	45.9	40.0	42.4	38.9	38.9	35.4	35.4	31.9	31.9
96.00	40.0	45.0	40.0	41.3	37.5	37.5	33.8	33.8	30.0	30.0

HARDWARE SCHEDULE	
A.	(2) CAM LOCK WITH KEEPER 8 1/4" FROM EACH END OF SASH TOP RAIL
B.	(2) BLOCK AND TACKLE BALANCES PER SASH
C.	(2) PLASTIC COMPOSITE TILT LATCH AT EACH END OF SASH TOP RAIL
D.	(2) PIVOT BAR AT EACH SIDE OF SASH BOTTOM RAIL
E.	EXTRUDED ALUMINUM REINFORCEMENT (T-11974) AT FIXED INTERLOCK RAIL
F.	EXTRUDED ALUMINUM REINFORCEMENT (T-11820) AT SASH INTERLOCK RAIL
G.	FORMED STEEL REINFORCEMENT (T12576) AT SASH STILES

- NOTES:
- SASH SIZE: 44 3/4" X 34 5/8"
 - SASH D.L.O.: 42 1/4" X 32 3/16"
 - FIXED D.L.O.: 42 7/8" X 32 3/16"
 - TRANSOM D.L.O.: 42 7/8" X 18 3/4"

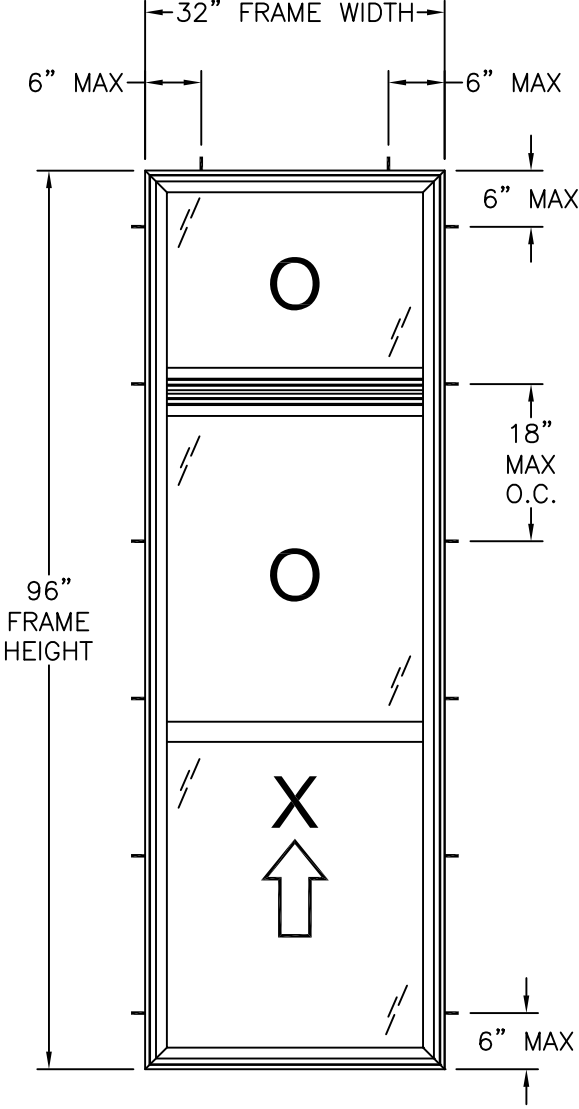
MAGNOLIA WINDOW & DOOR 1000 PYRATICH DRIVE BALDWIN, GA 30511		
400 PVC FIXED OVER SINGLE HUNG WINDOW NON-IMPACT ELEVATIONS		
DRAWN: R.L.	DWG NO. 08-04172	REV -
SCALE NTS	DATE 09/11/25	SHEET 2 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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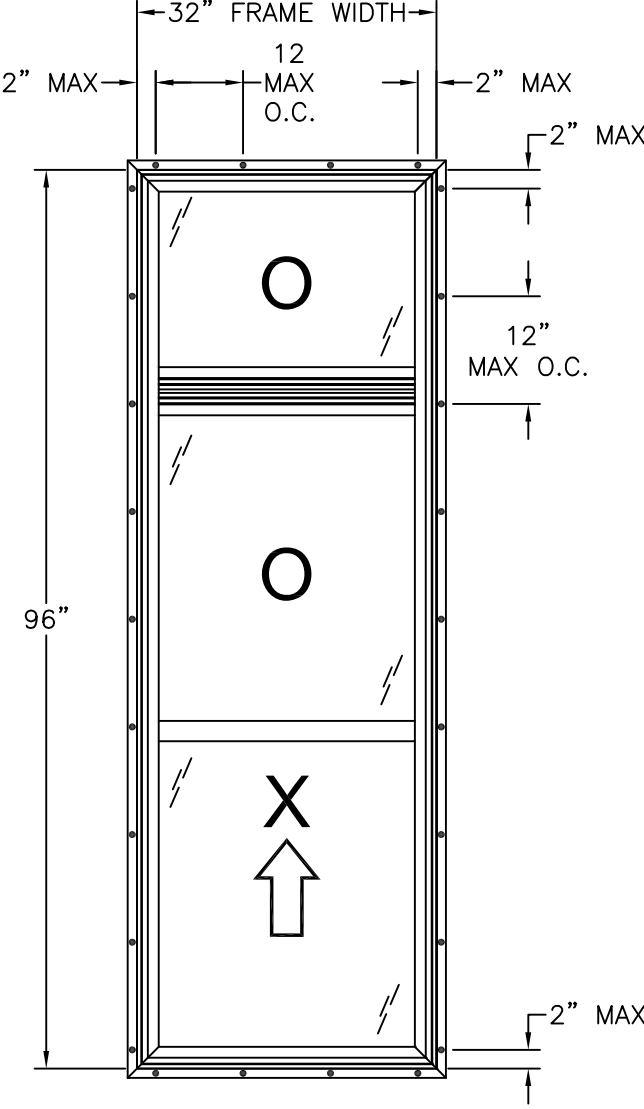


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



400 PVC FIXED OVER SINGLE HUNG
EXTERIOR VIEW
FRAME INSTALLATION



400 PVC FIXED OVER SINGLE HUNG
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

HARDWARE SCHEDULE	
A.	(2) CAM LOCK WITH KEEPER 8 1/4" FROM EACH END OF SASH TOP RAIL
B.	(2) BLOCK AND TACKLE BALANCES PER SASH
C.	(2) PLASTIC COMPOSITE TILT LATCH AT EACH END OF SASH TOP RAIL
D.	(2) PIVOT BAR AT EACH SIDE OF SASH BOTTOM RAIL
E.	EXTRUDED ALUMINUM REINFORCEMENT (T-11974) AT FIXED INTERLOCK RAIL
F.	EXTRUDED ALUMINUM REINFORCEMENT (T-11820) AT SASH INTERLOCK RAIL
G.	FORMED STEEL REINFORCEMENT (T12576) AT SASH STILES

- NOTES:
- SASH SIZE: 33" X 34 5/8"
 - SASH D.L.O.: 30 3/4" X 32 3/16"
 - FIXED D.L.O.: 26 3/4" X 32 3/16"
 - TRANSOM D.L.O.: 26 3/4" X 18 3/4"

MAGNOLIA WINDOW & DOOR
1000 PYRATICH DRIVE
BALDWIN, GA 30511

400 PVC FIXED OVER SINGLE HUNG WINDOW
NON-IMPACT
ELEVATIONS

DRAWN:
R.L.

DWG NO.
08-04172

REV
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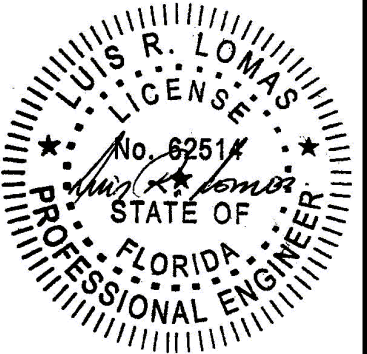
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DATE 09/11/25

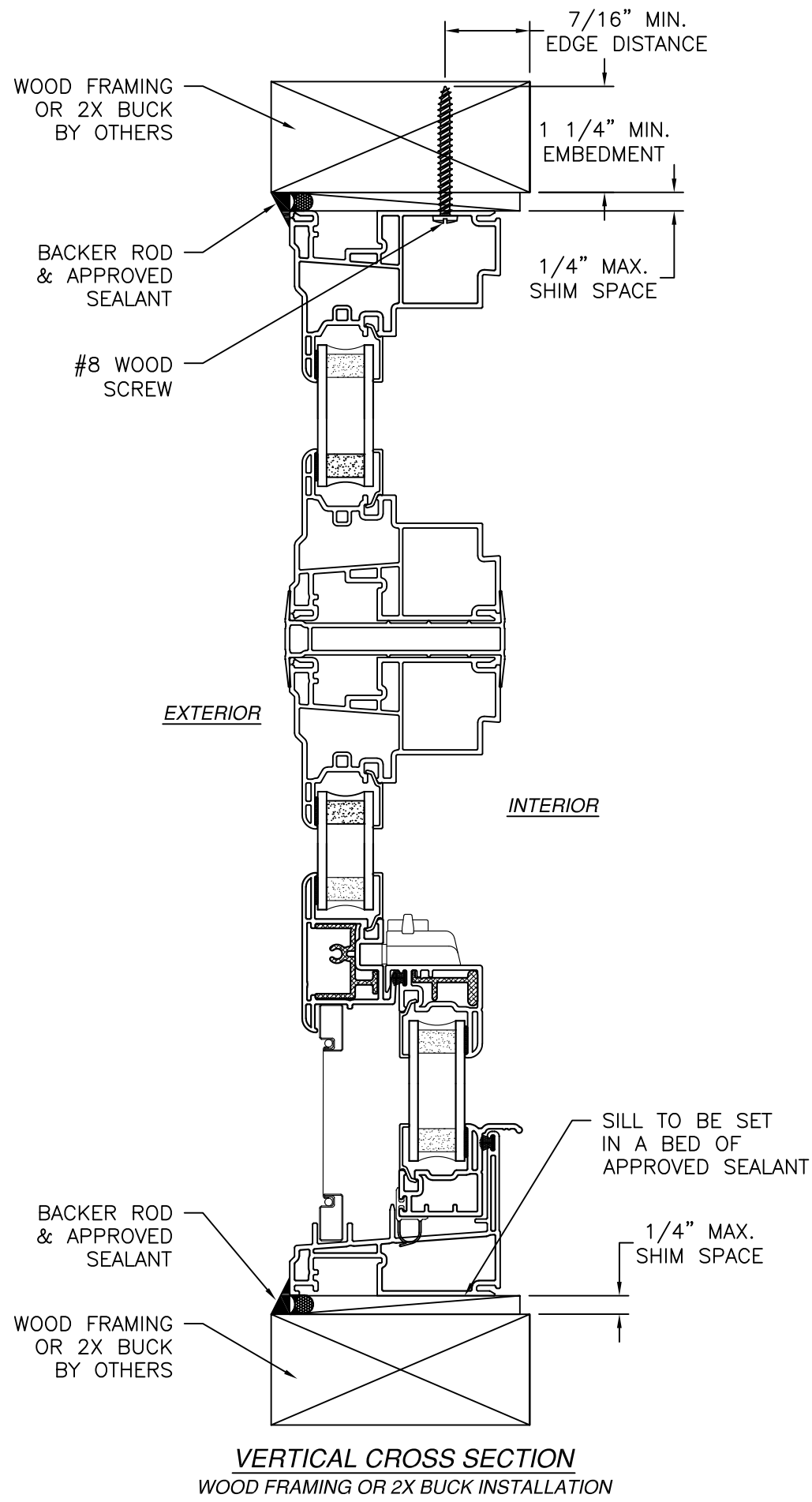
SHEET 3 OF 9

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434-688-0609 rllomas@lrlomaspe.com

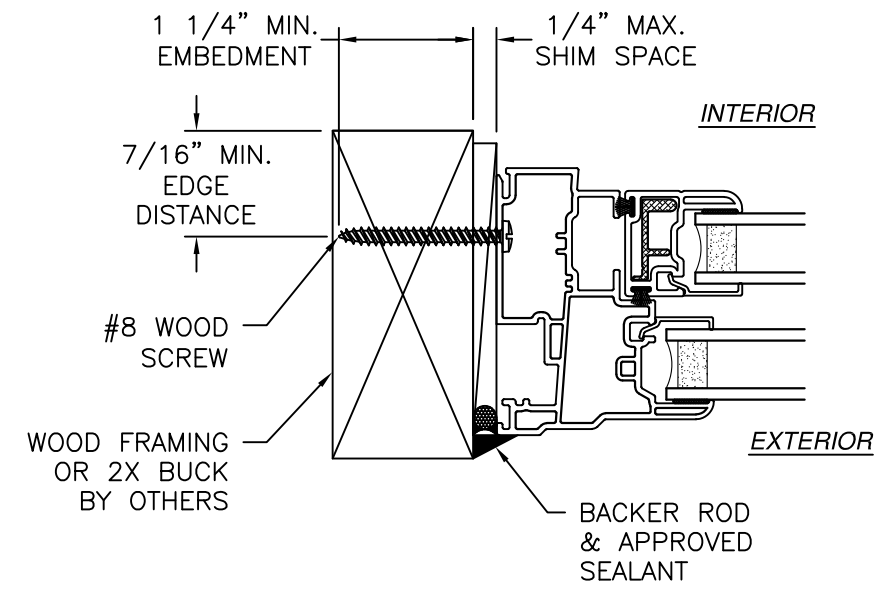
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



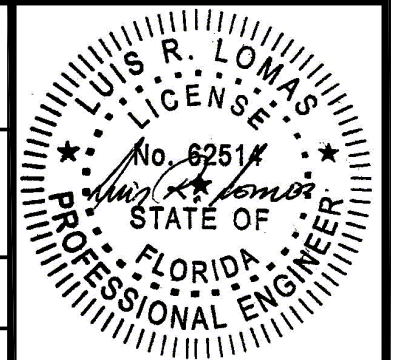
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
SINGLE HUNG SHOWN, TRANSOM SIMILAR

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

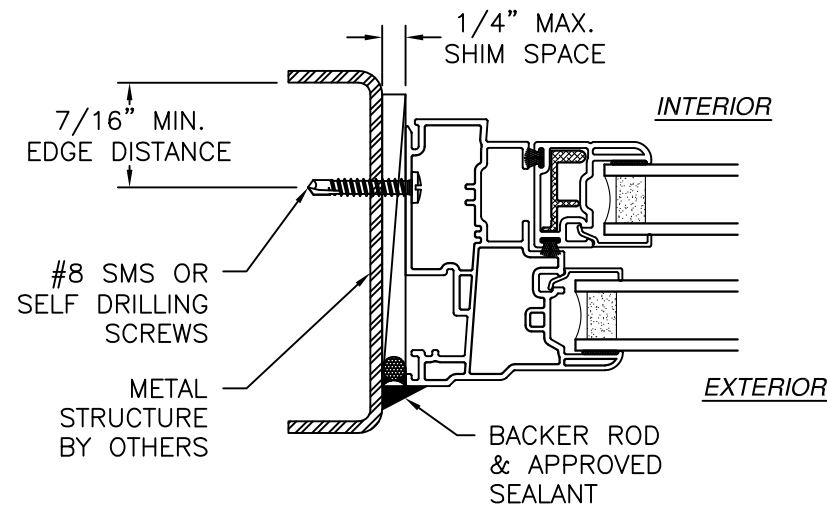
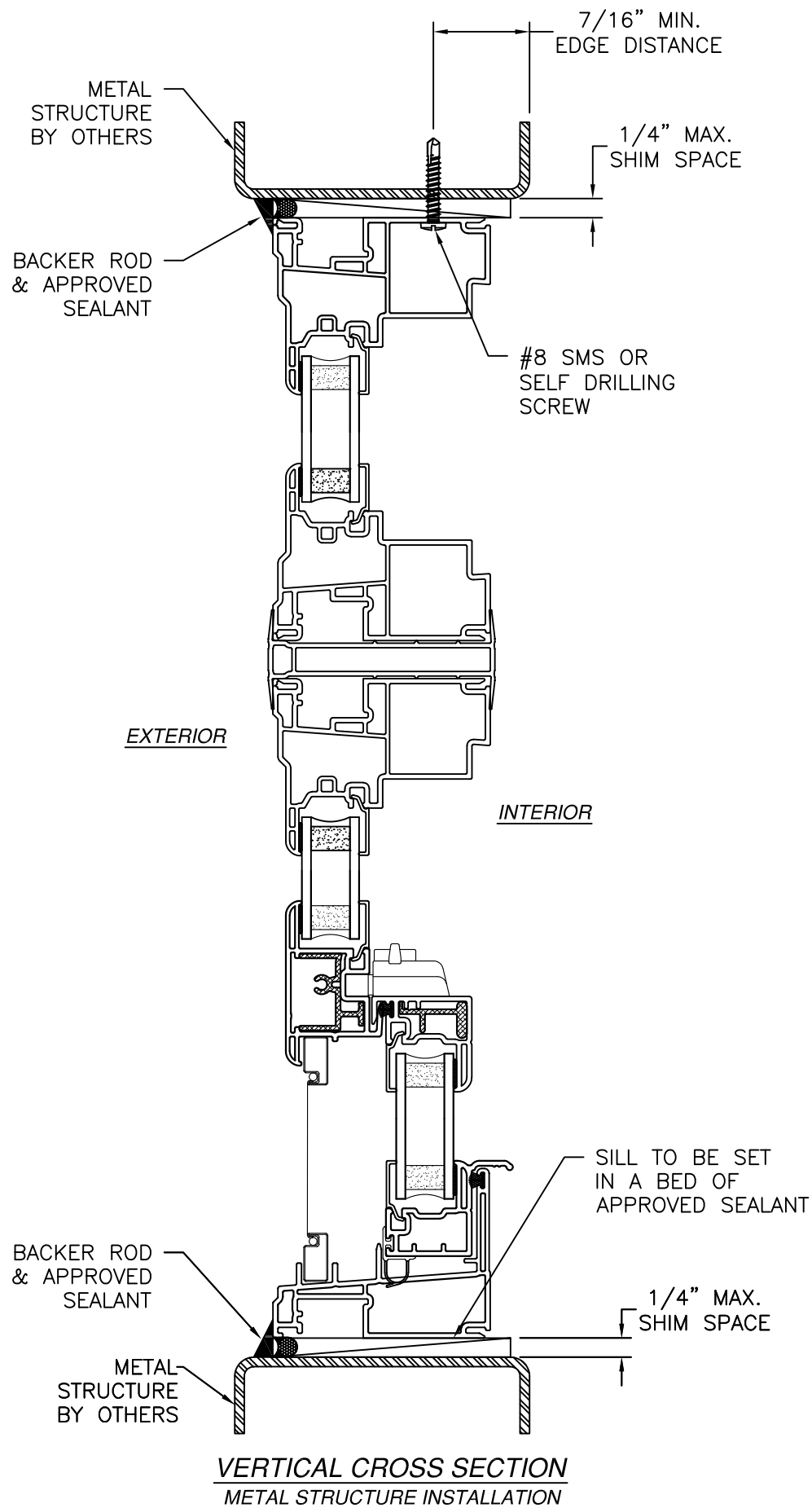
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MAGNOLIA WINDOW & DOOR 1000 PYRATICH DRIVE BALDWIN, GA 30511		
400 PVC FIXED OVER SINGLE HUNG WINDOW NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-04172	REV -
SCALE NTS	DATE 09/11/25	SHEET 4 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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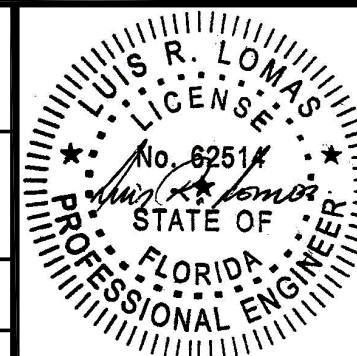
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
SINGLE HUNG SHOWN, TRANSOM SIMILAR

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

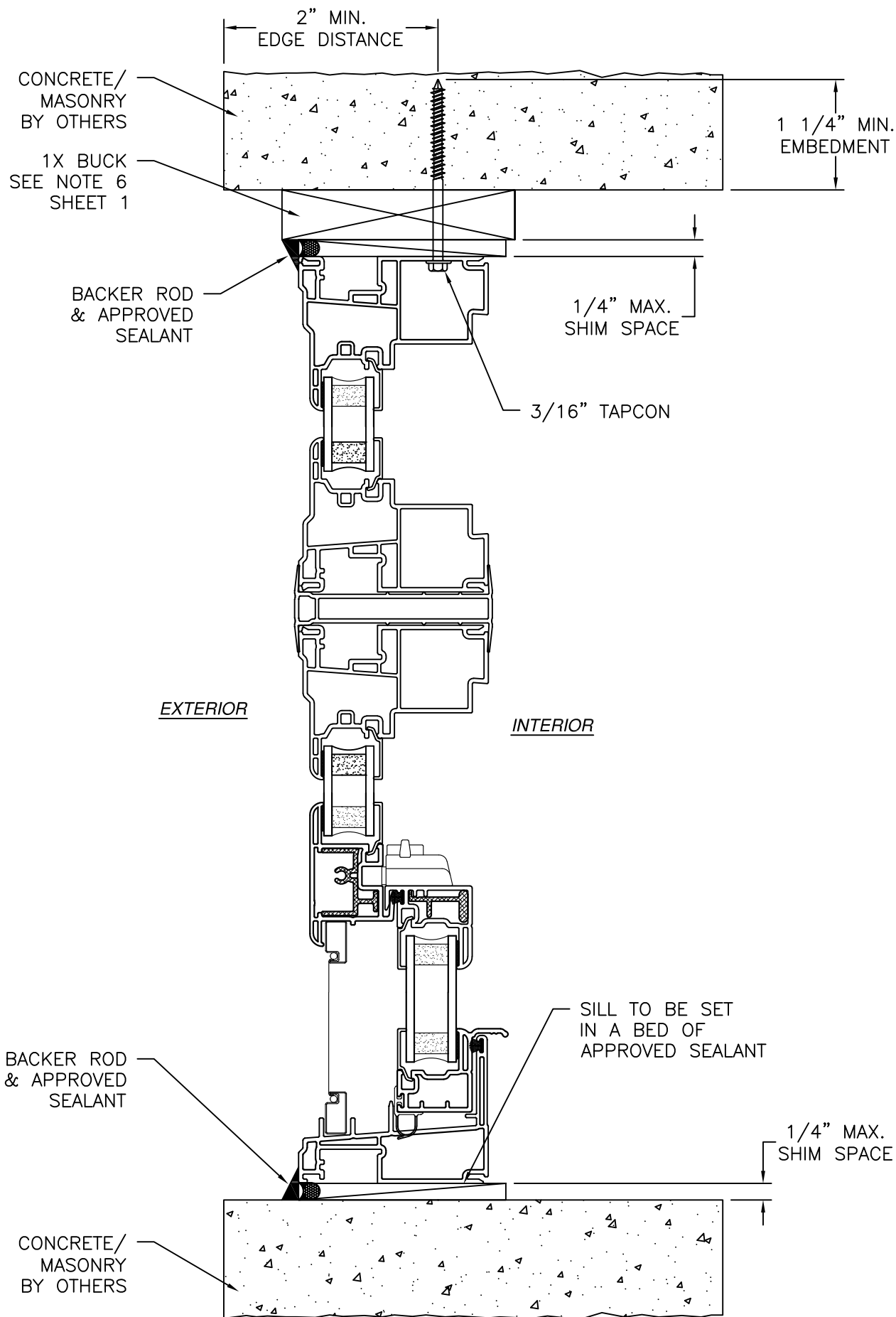
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

MAGNOLIA WINDOW & DOOR 1000 PYRATICH DRIVE BALDWIN, GA 30511		
400 PVC FIXED OVER SINGLE HUNG WINDOW NON-IMPACT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-04172	REV -
SCALE NTS	DATE 09/11/25	SHEET 5 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/19/2025



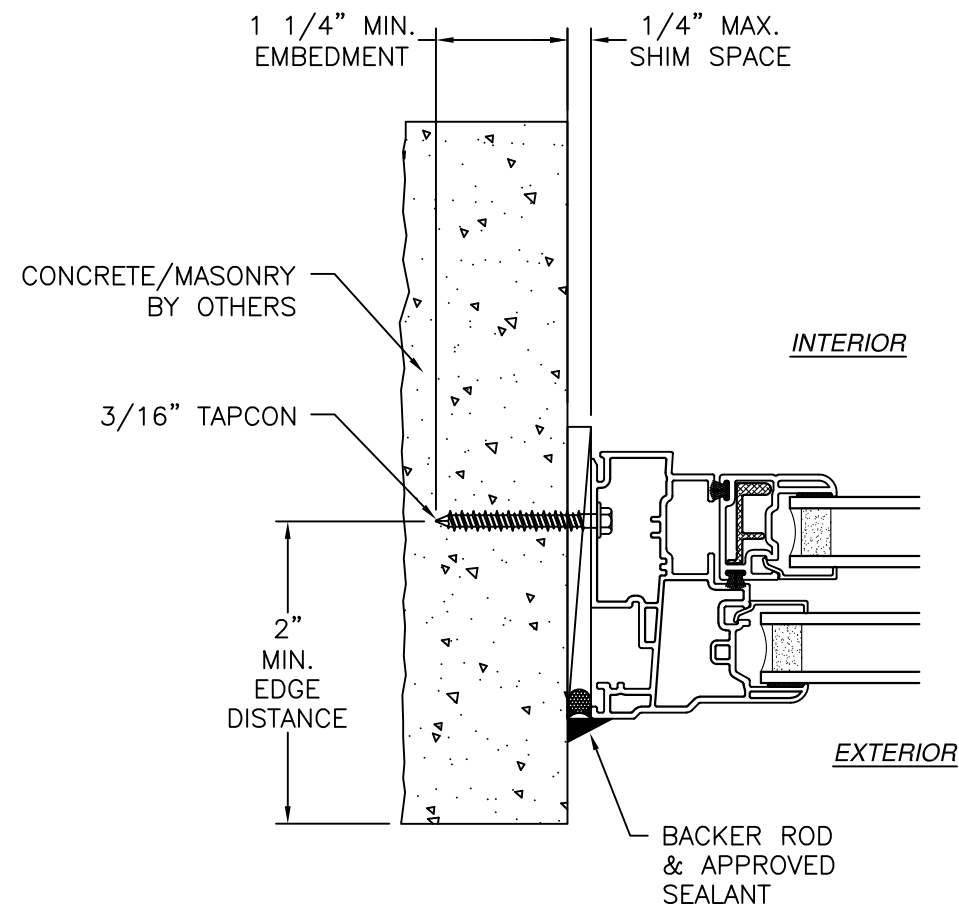
Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION WITH OR WITHOUT 1X BUCK

- 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

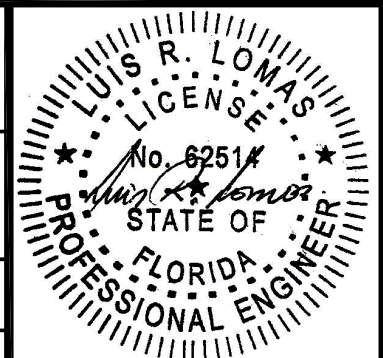
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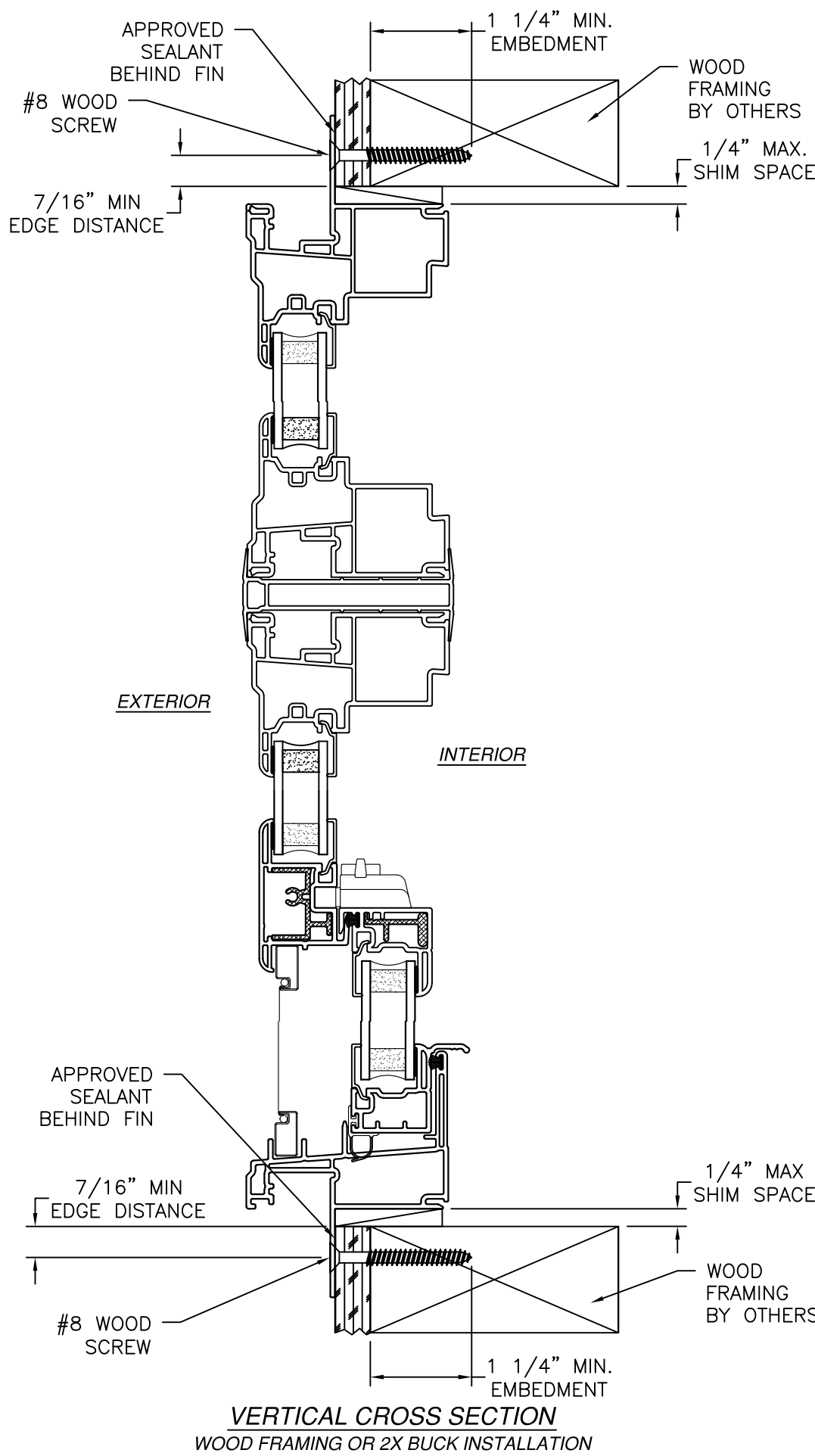
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CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS
SINGLE HUNG SHOWN, TRANSOM SIMILAR

SIGNED: 09/19/2025

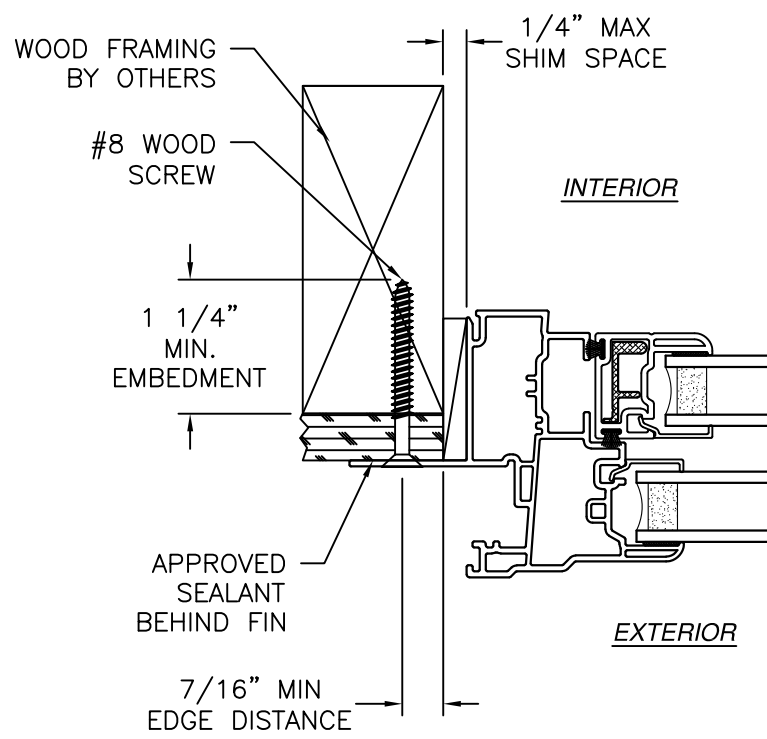
MAGNOLIA WINDOW & DOOR 1000 PYRATICH DRIVE BALDWIN, GA 30511		
400 PVC FIXED OVER SINGLE HUNG WINDOW NON-IMPACT INSTALLATION DETAILS		
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SCALE NTS	DATE 09/11/25	SHEET 6 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



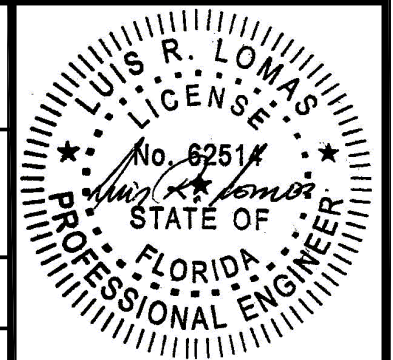
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
SINGLE HUNG SHOWN, TRANSOM SIMILAR

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

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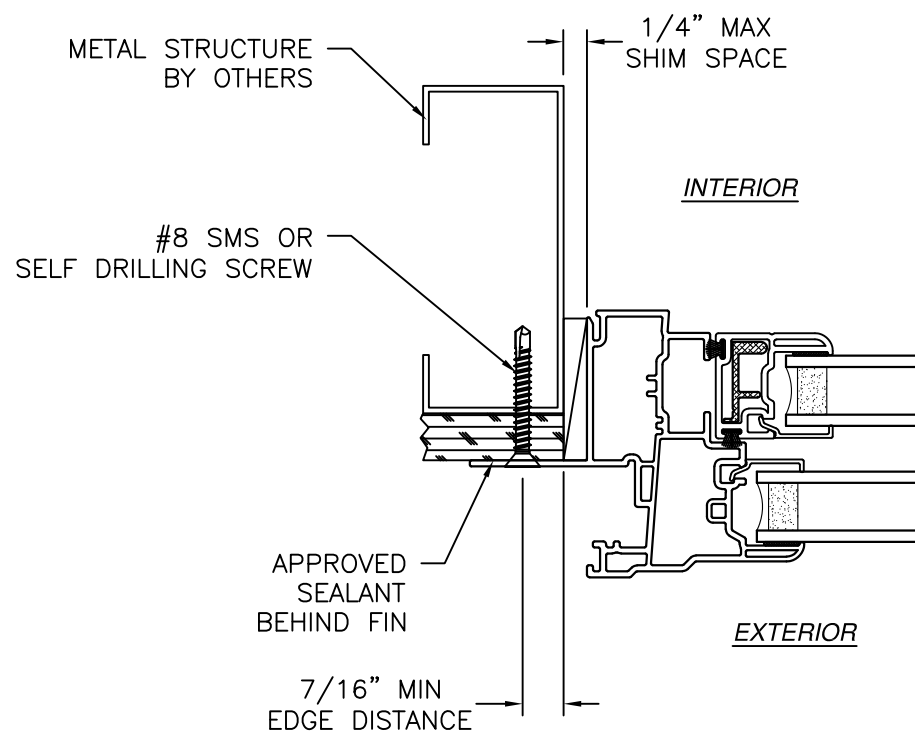
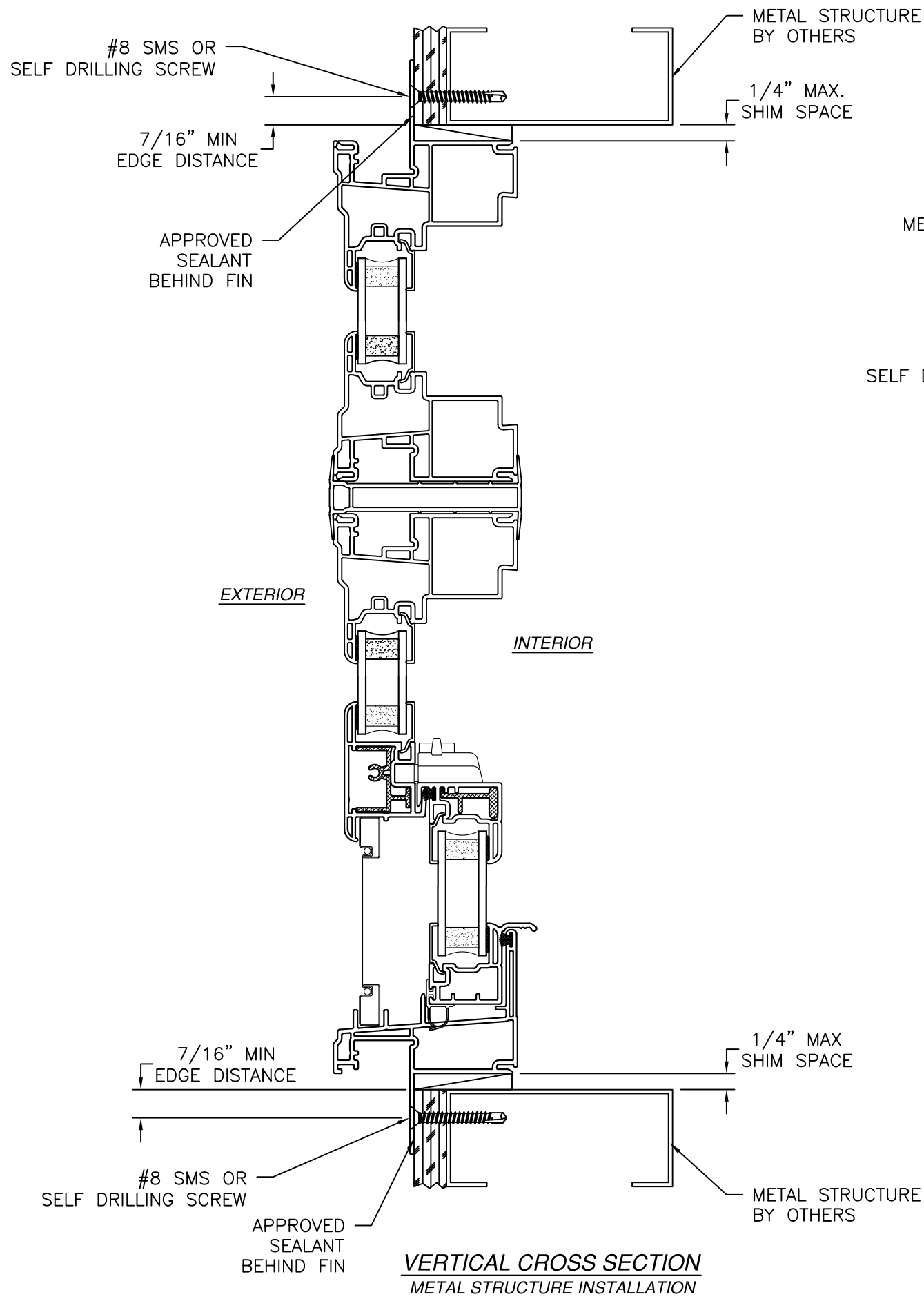
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MAGNOLIA WINDOW & DOOR 1000 PYRATICH DRIVE BALDWIN, GA 30511		
400 PVC FIXED OVER SINGLE HUNG WINDOW NON-IMPACT INSTALLATION DETAILS		
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
SINGLE HUNG SHOWN, TRANSOM SIMILAR

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

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MAGNOLIA WINDOW & DOOR
1000 PYRATICH DRIVE
BALDWIN, GA 30511

400 PVC FIXED OVER SINGLE HUNG WINDOW
NON-IMPACT
INSTALLATION DETAILS

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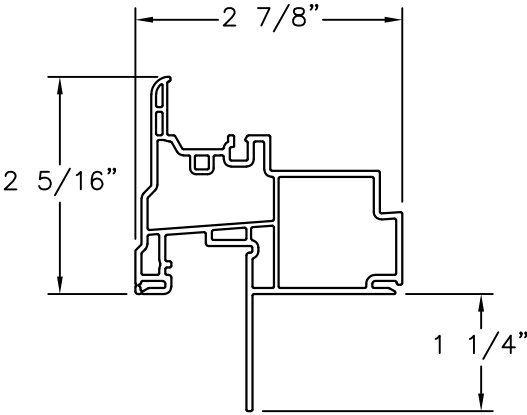
SHEET
8 OF 9

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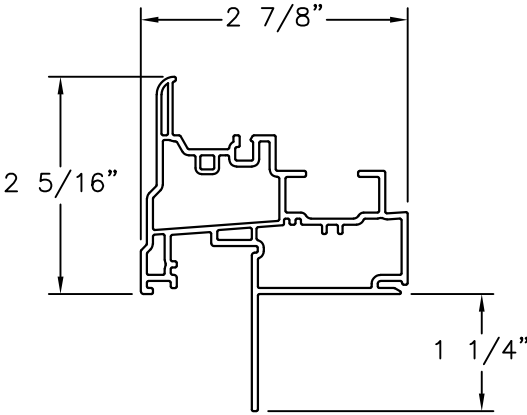
Luis R. Lomas
Professional Engineer
State of Florida
License No. 62514

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

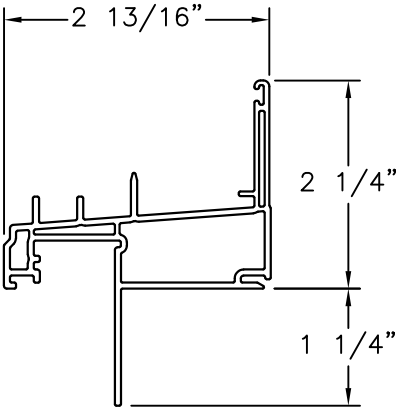
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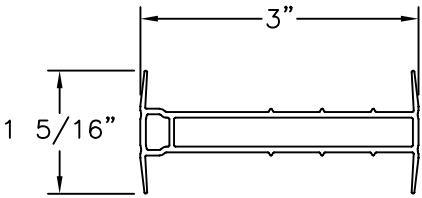
FIXED FRAME
PVC .065" THICK



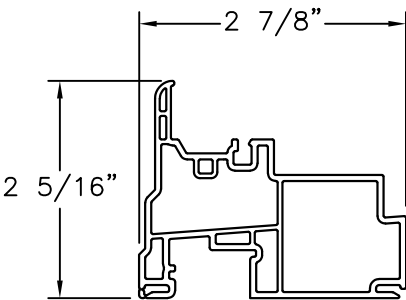
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PVC .065" THICK



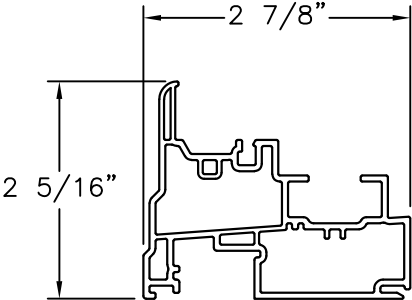
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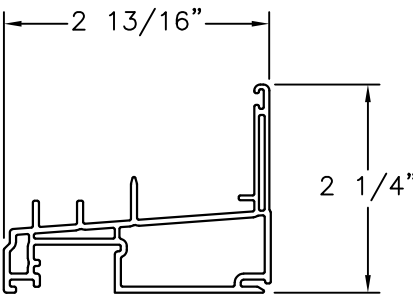
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PVC .060" THICK



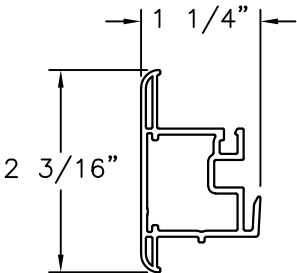
FIXED FRAME
PVC .065" THICK



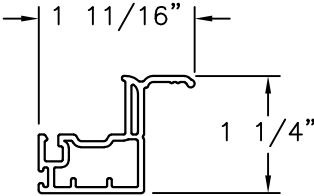
JAMB FRAME
PVC .065" THICK



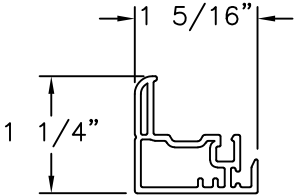
SILL FRAME
PVC .065" THICK



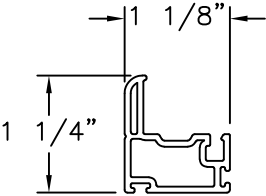
OX BAR
PVC .065" THICK



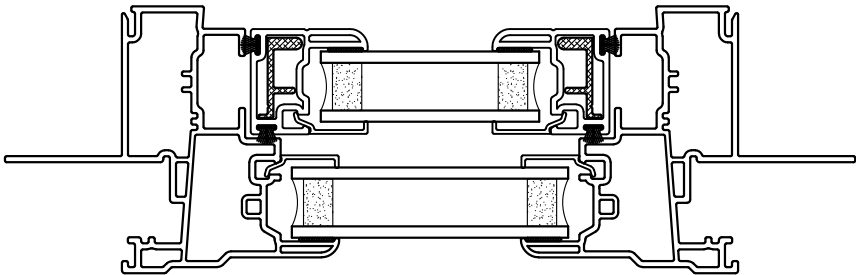
OX BAR
PVC .065" THICK



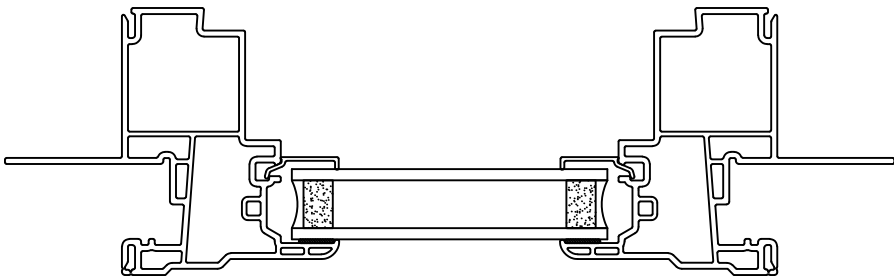
INTERIOR SASH
PVC .065" THICK



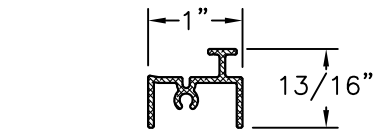
MAIN SASH
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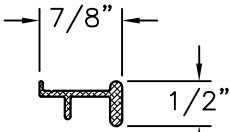
SH HORIZONTAL CROSS SECTION



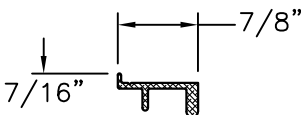
TRANSOM HORIZONTAL CROSS SECTION



REINFORCEMENT T-11974
ALUMINUM 6063-T5 .060" THICK



REINFORCEMENT T-11820
ALUMINUM 6063-T5 .060" THICK



REINFORCEMENT T-12576
ALUMINUM 6063-T5 .060" THICK

SIGNED: 09/19/2025

MAGNOLIA WINDOW & DOOR
1000 PYRATICH DRIVE
BALDWIN, GA 30511

400 PVC FIXED OVER SINGLE HUNG WINDOW
NON-IMPACT
COMPONENTS

DRAWN:
R.L.

DWG NO.
08-04172

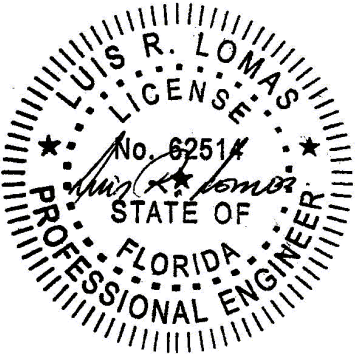
REV
-

SCALE
NTS

DATE
09/11/25

SHEET
9 OF 9

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Luis R. Lomas P.E.
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