

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/22/2023	R.L.

NOTES:

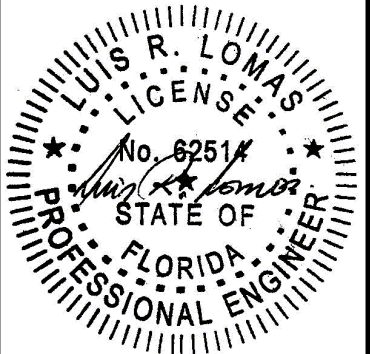
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" 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 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".
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 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 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.
15. FOR ANCHORING 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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:
 - 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 17.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH f'm=2,000PSI MINIMUM.
 - 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3	HORIZONTAL CROSS SECTION
4 - 8	INSTALLATION DETAILS

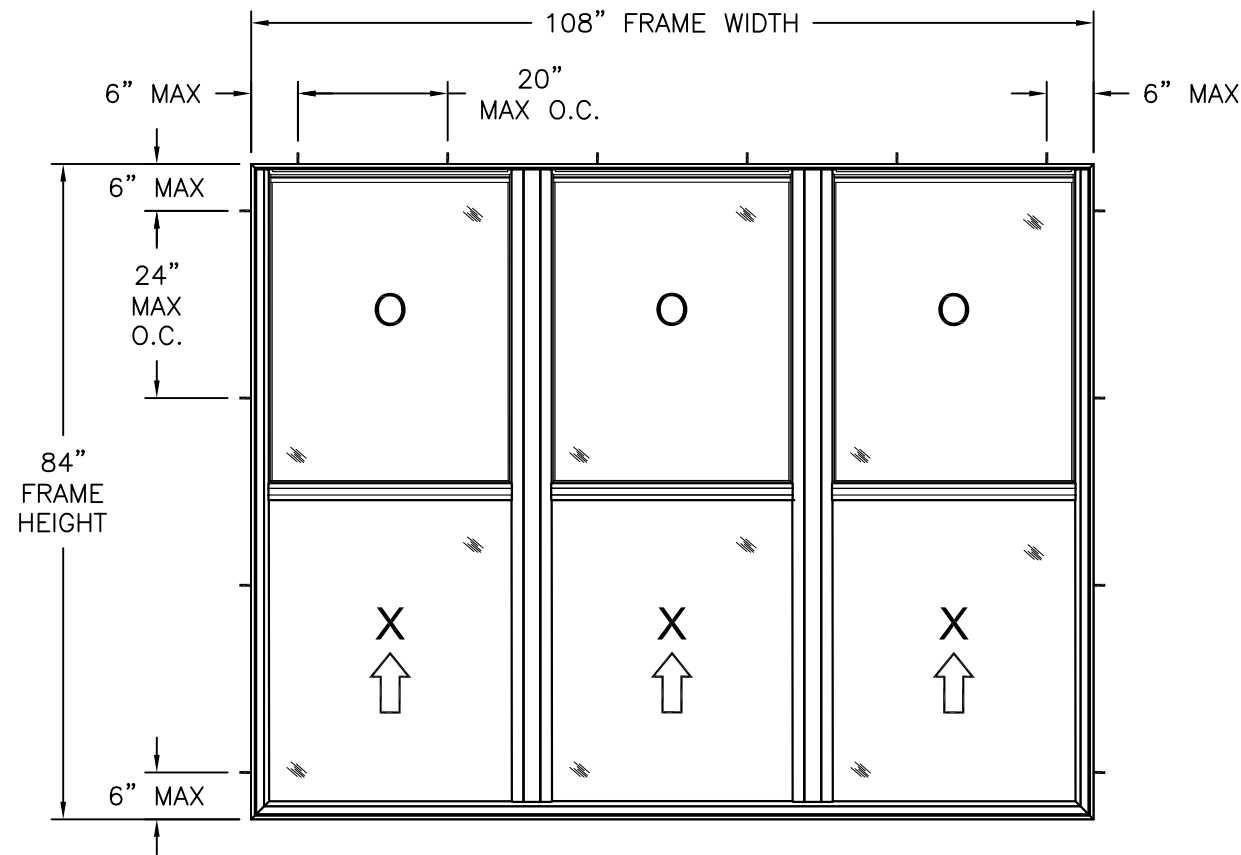
MAGNOLIA WINDOW & DOOR 1000 PYRATICH DR BALDWIN, GA 30511		
4000 VINYL TRIPLE SINGLE HUNG WINDOW NON-IMPACT 108" X 84" NOTES		
DRAWN: N.G.	DWG NO. 08-02876	REV A
SCALE NTS	DATE 02/22/2016	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/05/2026



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

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400 VINYL TRIPLE SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±20.0PSF	NONE

SEE OTHER SIZES, SEE CHART #1 SHEET 2

NOTES:

1. SASH SIZE: 32 7/8" X 41"
2. D.L.O.: 31" X 38 1/2"
3. (6) 3/16" WEEP HOLE AT 4 3/4" FROM EACH END OF EXTERIOR MEETING RAIL
4. (6) 3/16" X 3/8" WEEP SLOT AT 2 3/4" FROM EACH EN BOTTOM RAIL
5. (6) 2 3/8" NOTCHING AT 7/8" FROM EACH END OF SILL LEGS

HARDWARE SCHEDULE	
A.	(2 PER SASH) CAM LOCK WITH KEEPER AT 8 1/4" FROM EACH END OF INTERIOR MEETING RAIL
B.	(1 PER JAMB) BLOCK AND TACKLE BALANCE SYSTEM W/SHOE AT JAMB POCKET 2" FROM THE HEAD
C.	(2 PER SASH) FLUSH MOUNT TILT LATCH AT INTERIOR MEETING RAIL
D.	(2 PER SASH) PIVOT BAR AT BOTTOM RAIL
E.	ALUMINUM REINFORCEMENT (T-11820) AT INTERIOR MEETING RAIL
F.	ALUMINUM REINFORCEMENT (T-11974) AT EXTERIOR MEETING RAIL
G.	ALUMINUM REINFORCEMENT (T-11975) AT INTEGRAL MULLIONS
H.	ALUMINUM REINFORCEMENT (T-12576) AT SASH STILES

Chart #1
Maximum Design pressure (psf)

Frame Height (in)	Frame Width (in)											
	72.0		84		96.0		108		120.0		126.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
42.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0
48.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0
54.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0
60.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	30.0	25.0	29.7	25.0	29.0
66.0	25.0	30.0	25.0	30.0	25.0	29.7	25.0	27.5	25.0	25.8	25.0	25.1
72.0	25.0	30.0	25.0	29.3	25.0	26.5	24.4	24.4	22.8	22.8	22.2	22.2
78.0	25.0	30.0	25.0	26.5	24.0	24.0	22.0	22.0	-	-	-	-
84.0	25.0	27.5	24.2	24.2	21.8	21.8	20.0	20.0	-	-	-	-
90.0	23.3	23.3	20.2	20.2	17.9	17.9	-	-	-	-	-	-
96.0	19.1	19.1	16.5	16.5	-	-	-	-	-	-	-	-
102.0	15.9	15.9	-	-	-	-	-	-	-	-	-	-

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MAGNOLIA WINDOW & DOOR

1000 PYRATICH DR
BALDWIN, GA 30511

4000 VINYL TRIPLE SINGLE HUNG WINDOW

NON-IMPACT 108" X 84"

ELEVATION

DRAWN:
N.G.

DWG NO.
08-02876

REV
A

SCALE
NTS

DATE
02/22/2016

SHEET
2 OF 6

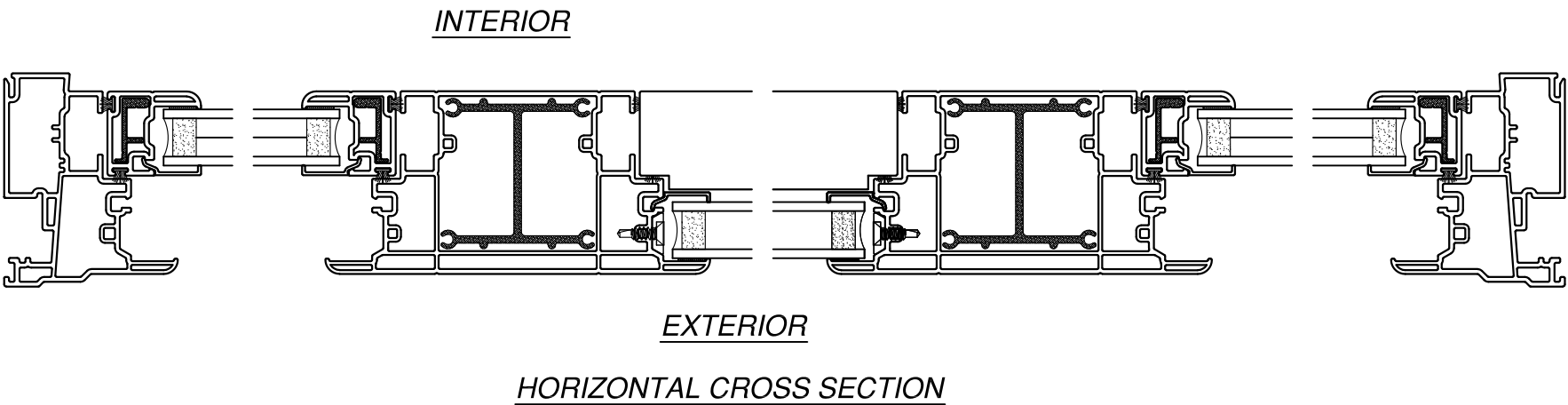
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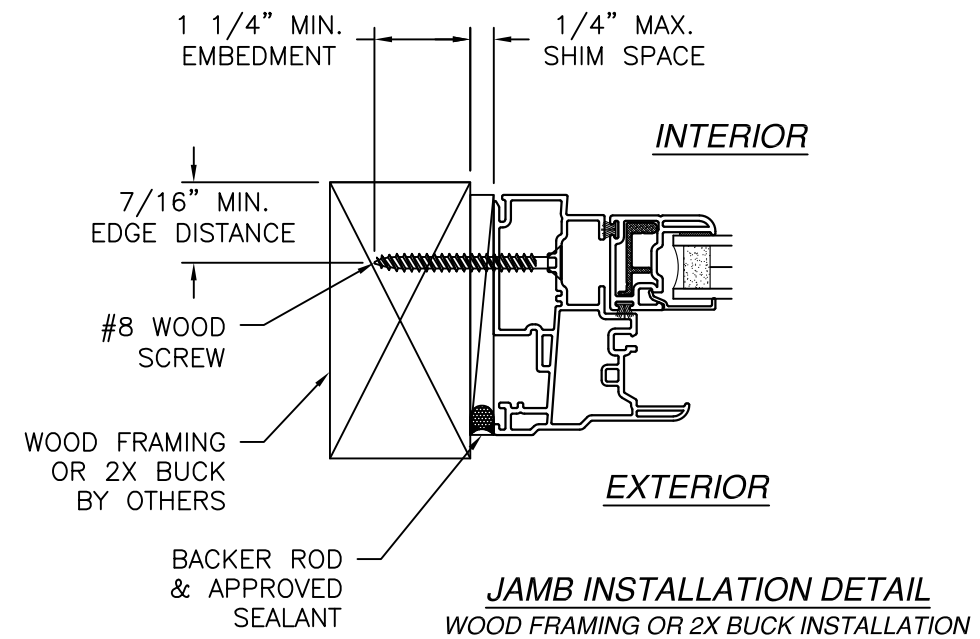
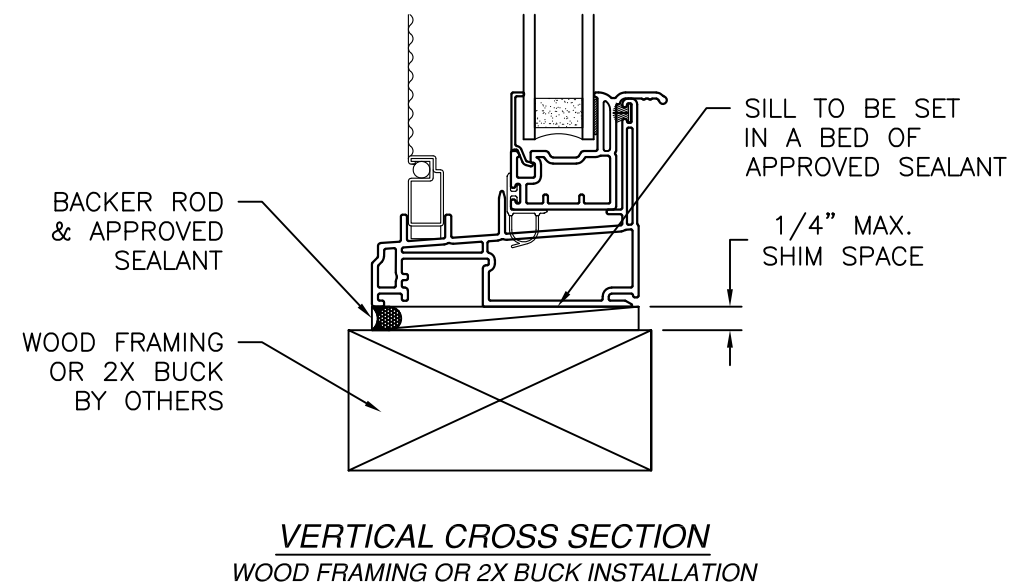
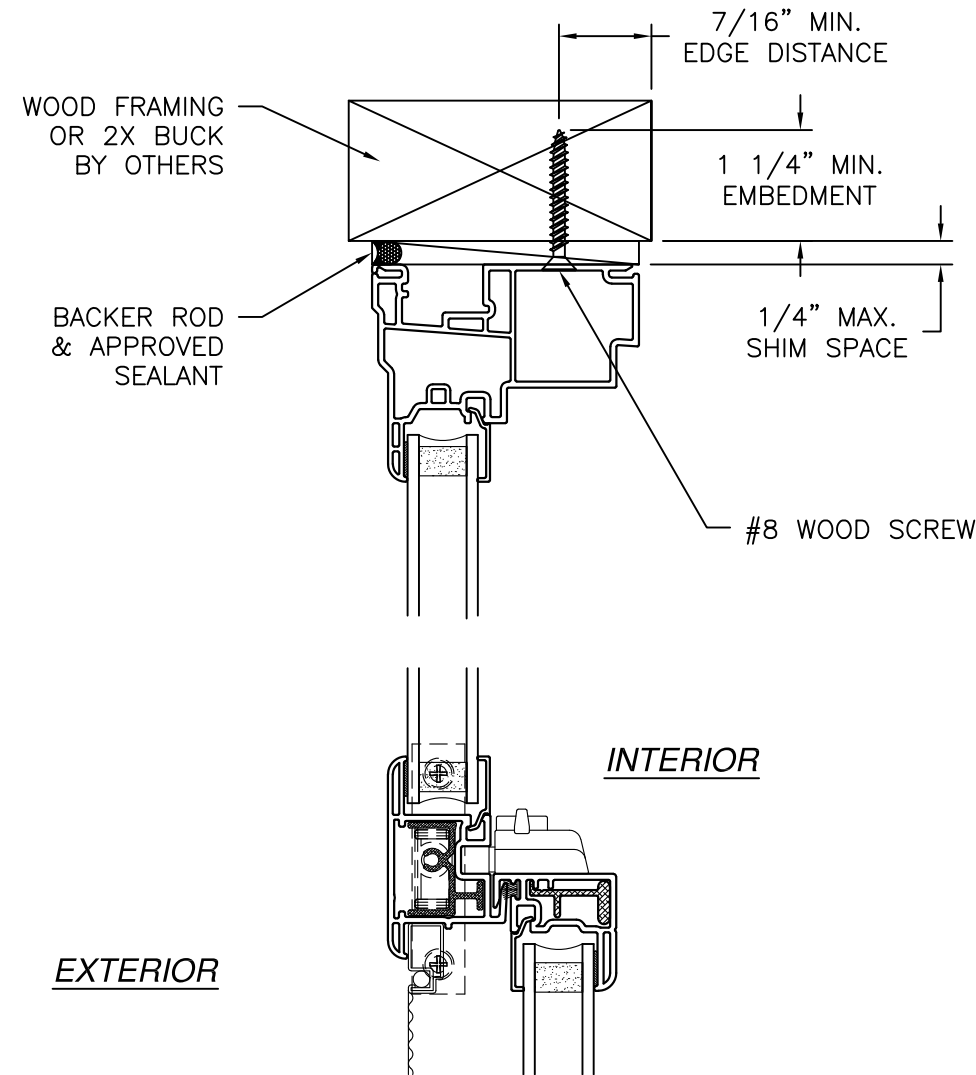
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4000 VINYL TRIPLE SINGLE HUNG WINDOW NON-IMPACT 108" X 84" HORIZONTAL CROSS SECTION		
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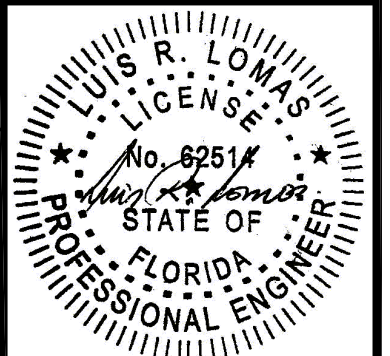


- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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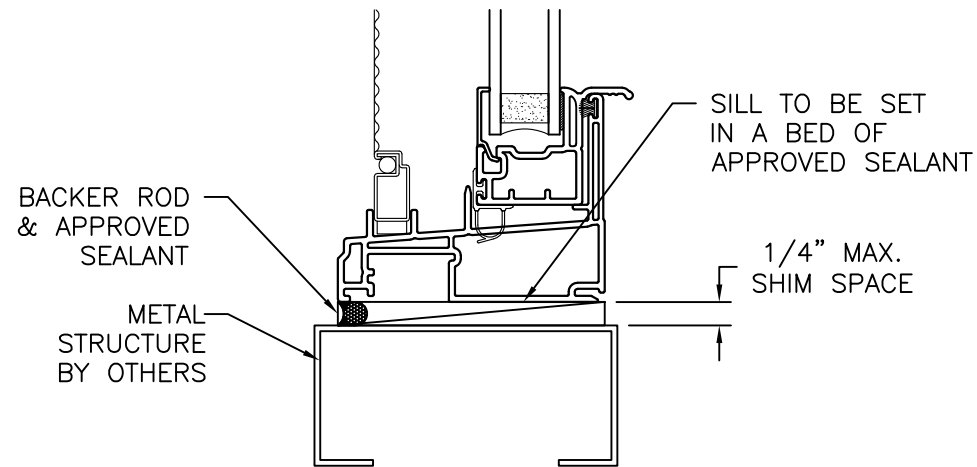
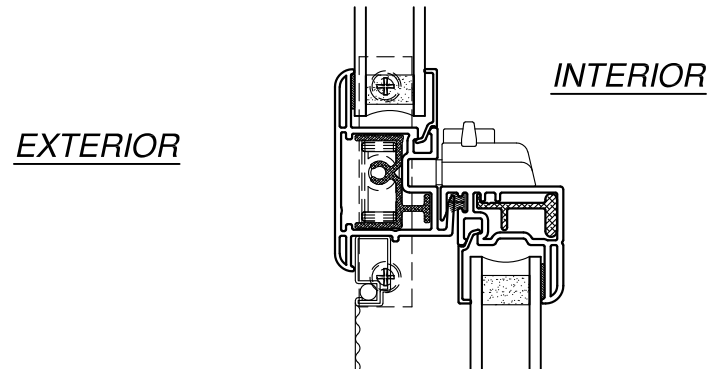
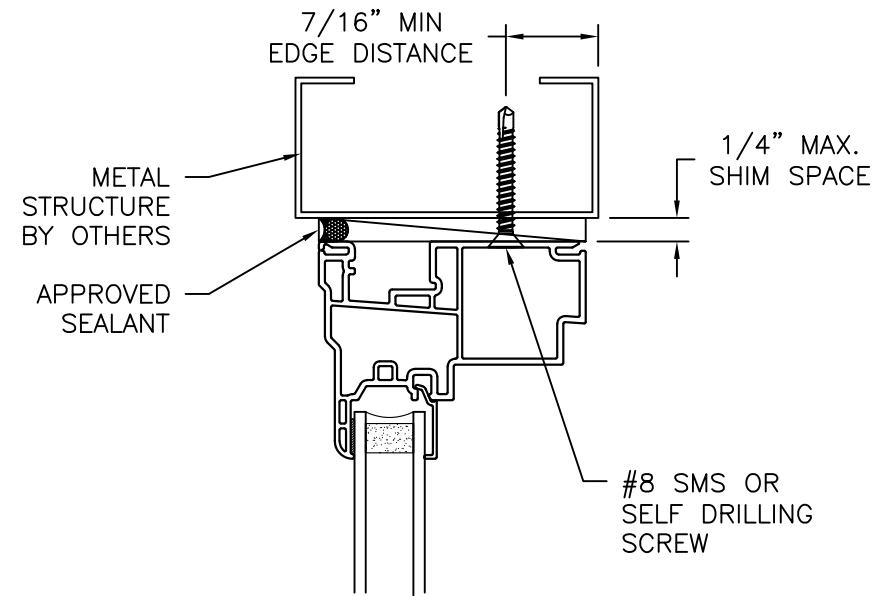
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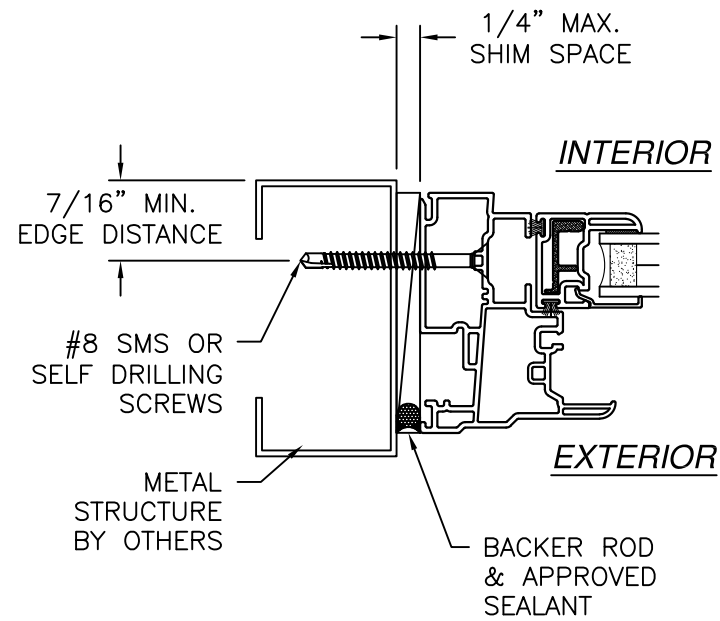


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

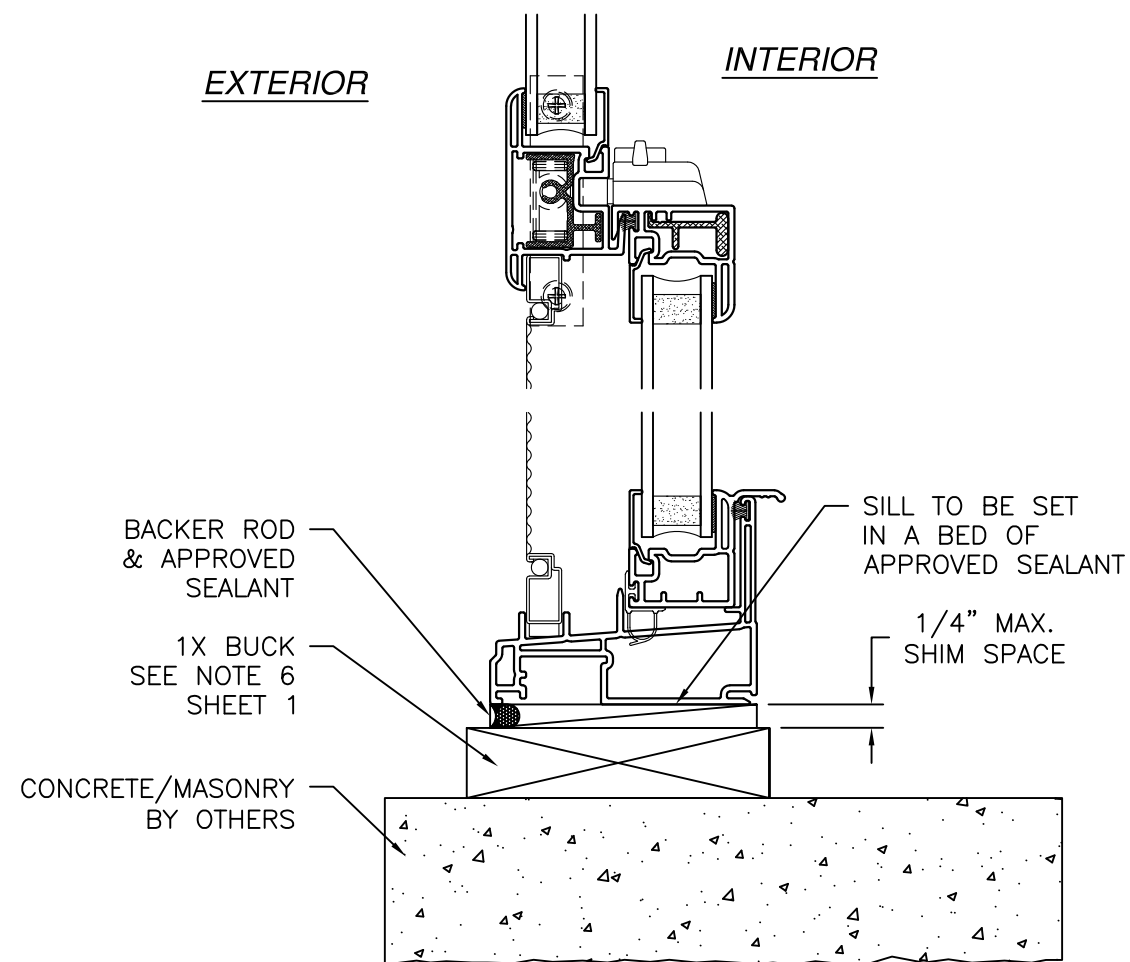
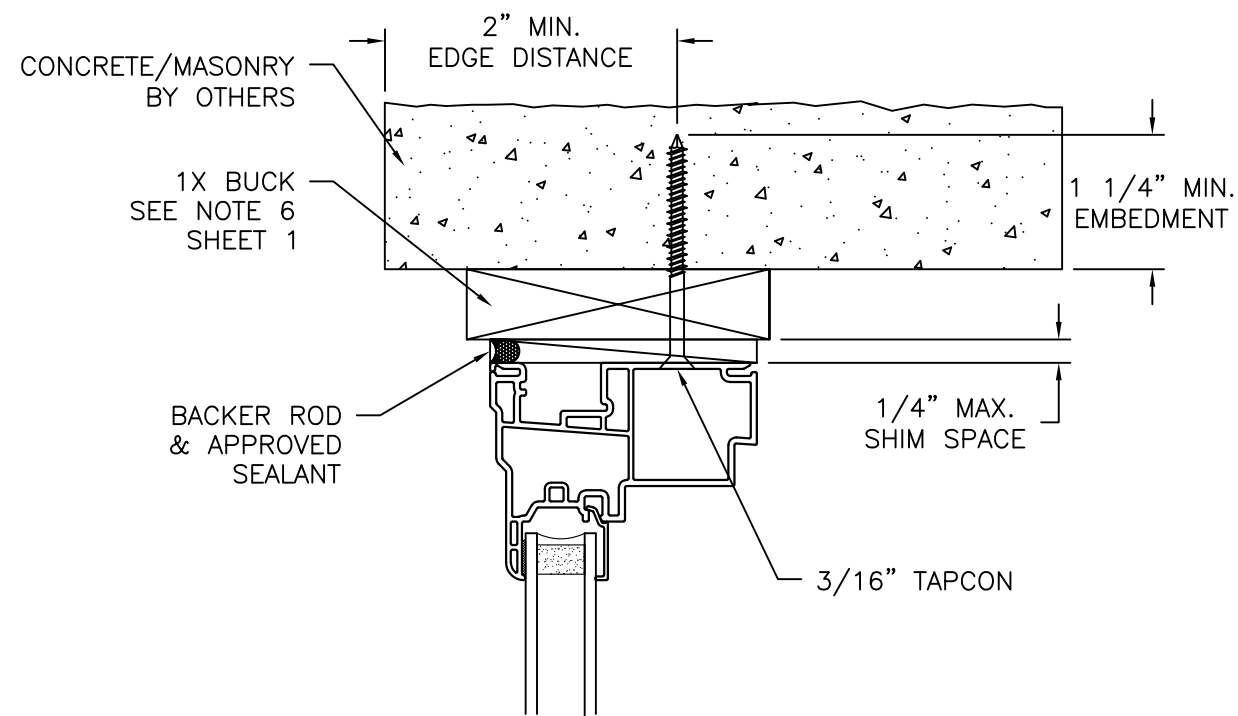


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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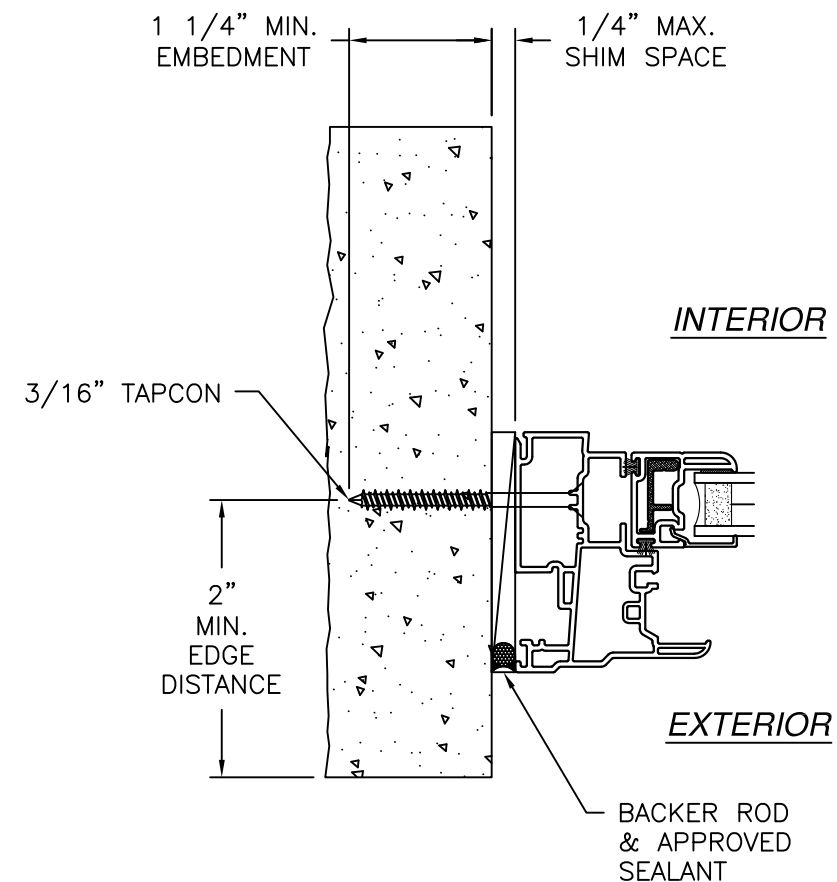


VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL

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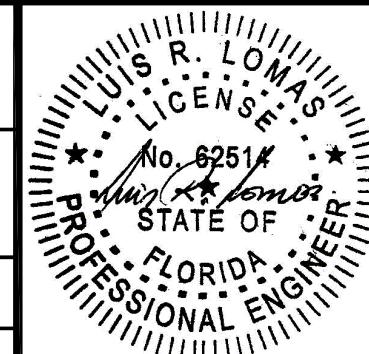
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

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