

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PRODUCT NAME	07/31/13	R.L.
B	REVISED PER NEW REQUIREMENTS	11/24/14	R.L.

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. 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.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED RIGID PVC.
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 2 FOR GLASS OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. 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.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. 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.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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 3,192 PSI.

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

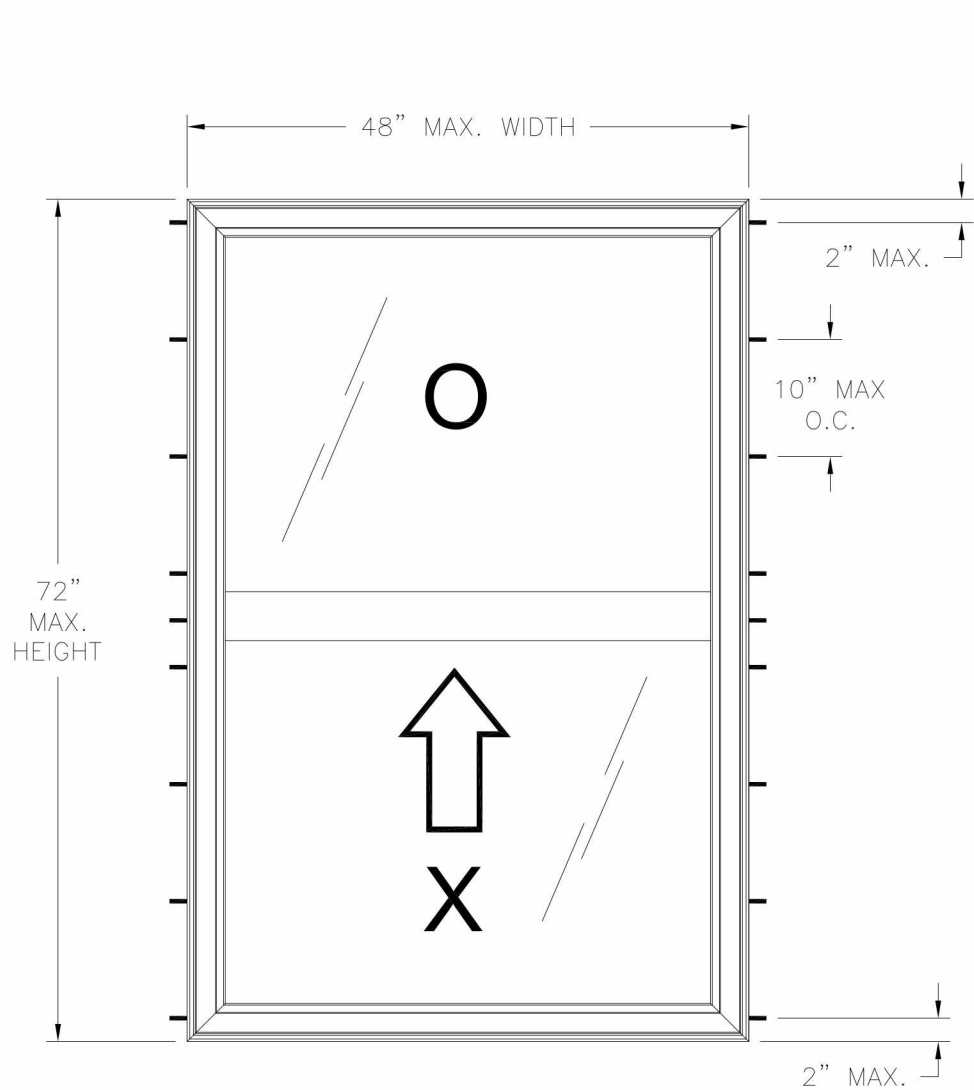
D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

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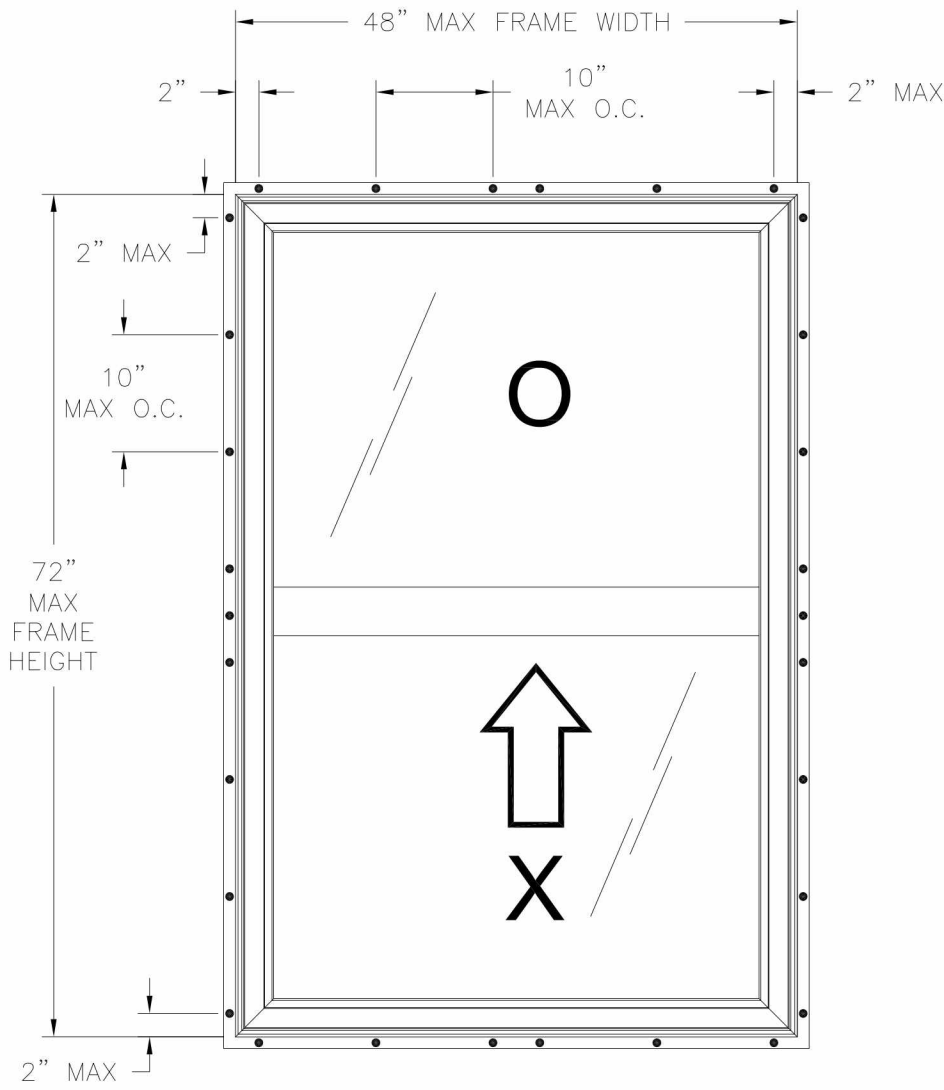
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WINDOW MART MFG. LLC 5760 ALBERT PIKE ROYAL, AR 71986		
6101 NC IMPACT SINGLE HUNG WINDOW 48 X 72 NOTES		
DRAWN: V.L.	DWG NO. 08-01932	REV B
SCALE NTS	DATE 02/26/13	SHEET 1 OF 5





6101NC IMPACT SINGLE HUNG WINDOW
EXTERIOR VIEW FRAME INSTALLATION



6101NC IMPACT SINGLE HUNG WINDOW
EXTERIOR VIEW FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

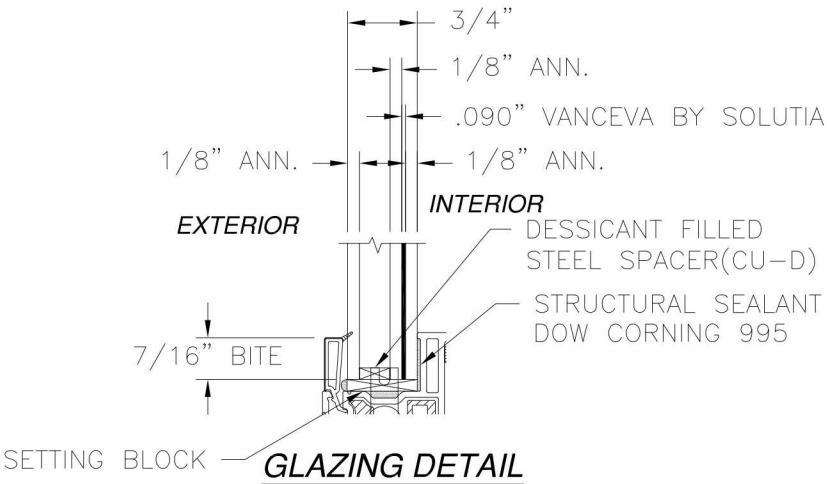
HARDWARE SCHEDULE

A.	(2) BSI SPRING LOADED BALANCE SYSTEM AT EACH JAMB
B.	(2) METAL TILT LATCH SPRING LOADED AT 1 1/2" FROM EACH SASH TOP RAIL CORNER
C.	(2) ALUMINUM IMPACT CLIP REINFORCEMENT AT 1 1/2" FROM EACH SASH TOP RAIL CORNER UNDER METALLIC TILT LATCH
D.	(2) CAST CAM LOCKS AT 8" FROM EACH JAMB CORNER ON SASH TOP RAIL

NOTES:

1. MAXIMUM FIXED LITE SIZE: 45" X 34 1/2".
2. MAXIMUM ACTIVE SASH SIZE: 44 1/4" X 35".
3. MAXIMUM FIXED LITE D.L.O.: 43" X 32 5/8".
3. MAXIMUM ACTIVE SASH D.L.O.: 42 3/8" X 32 5/8".
4. (2) 1" X 1/4" WEEP SLOT AT 2 1/2" FROM EACH JAMB CORNER.

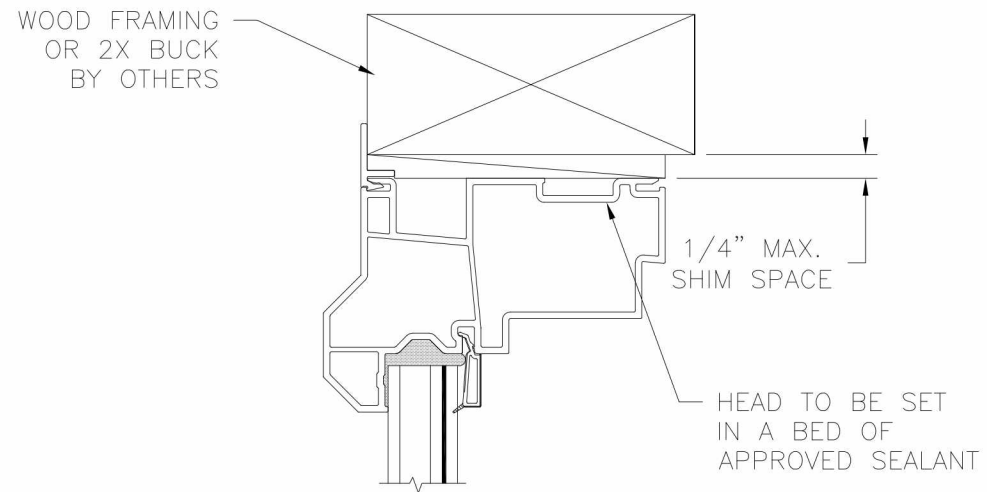
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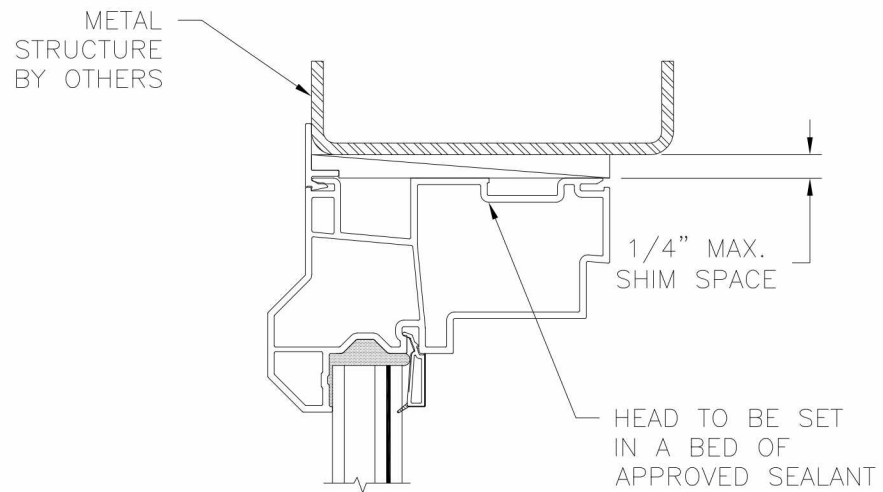
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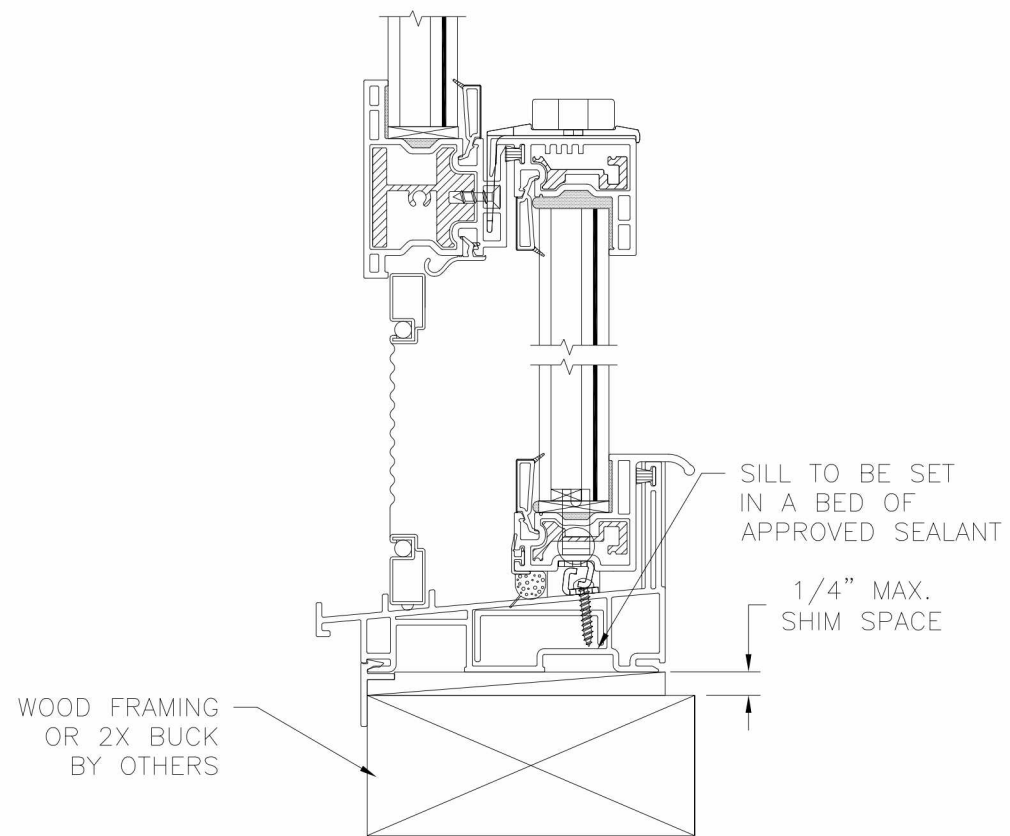
EXTERIOR

INTERIOR

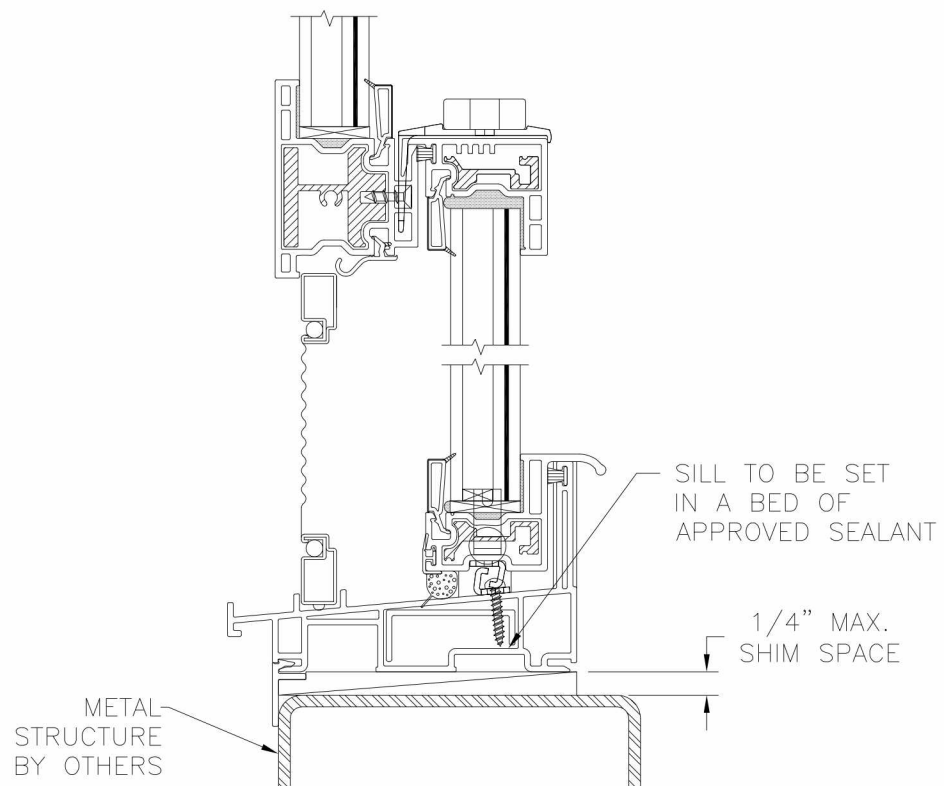


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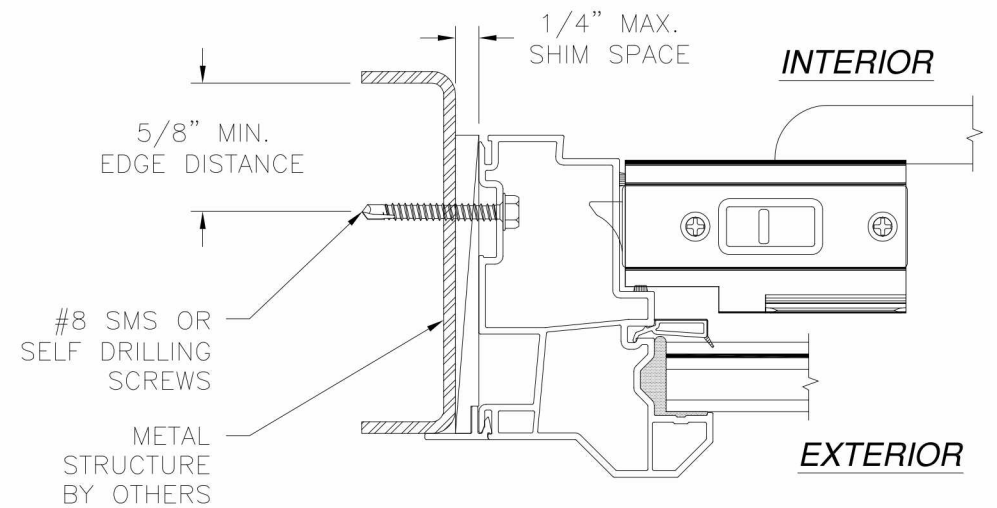
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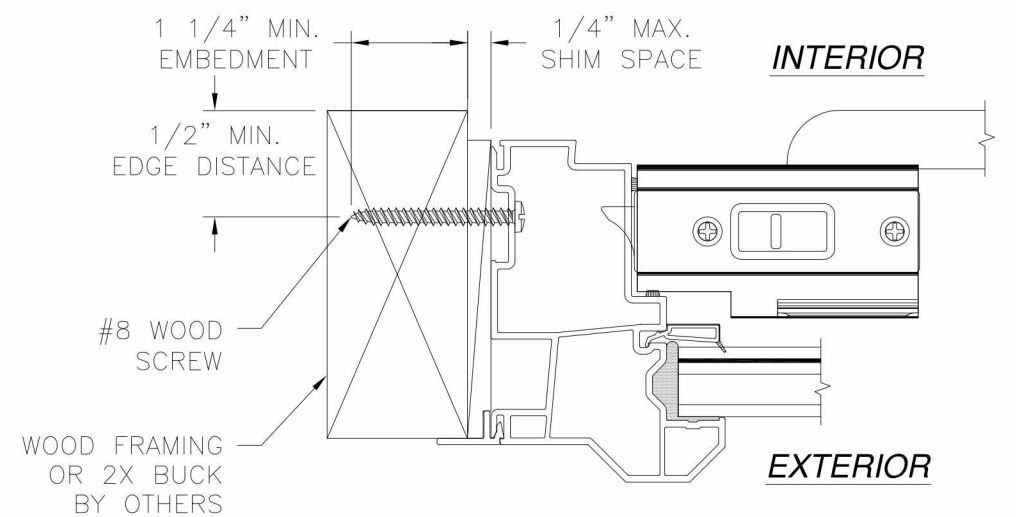
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



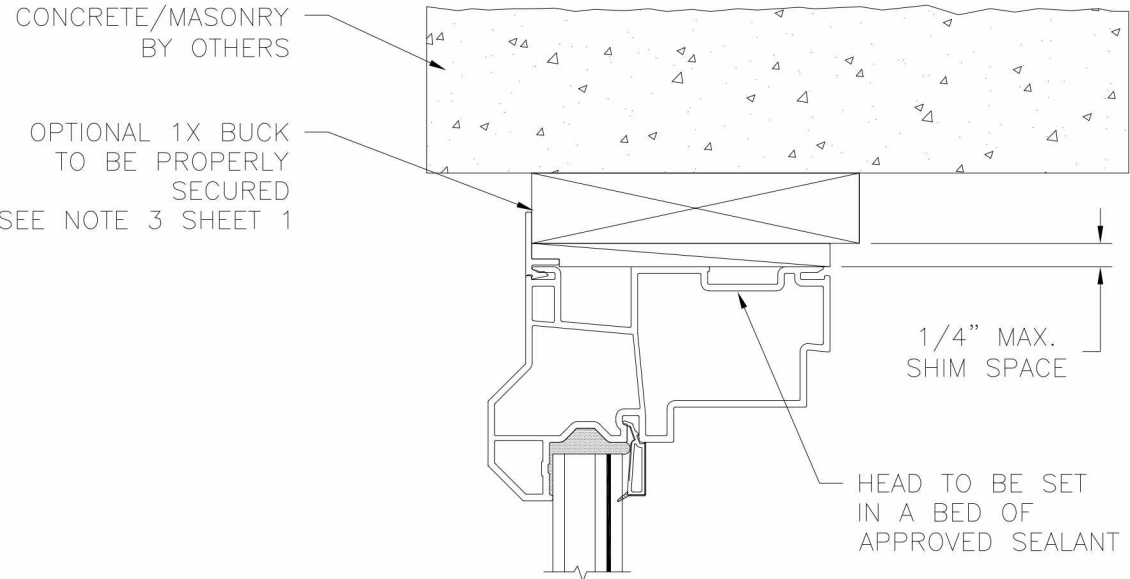
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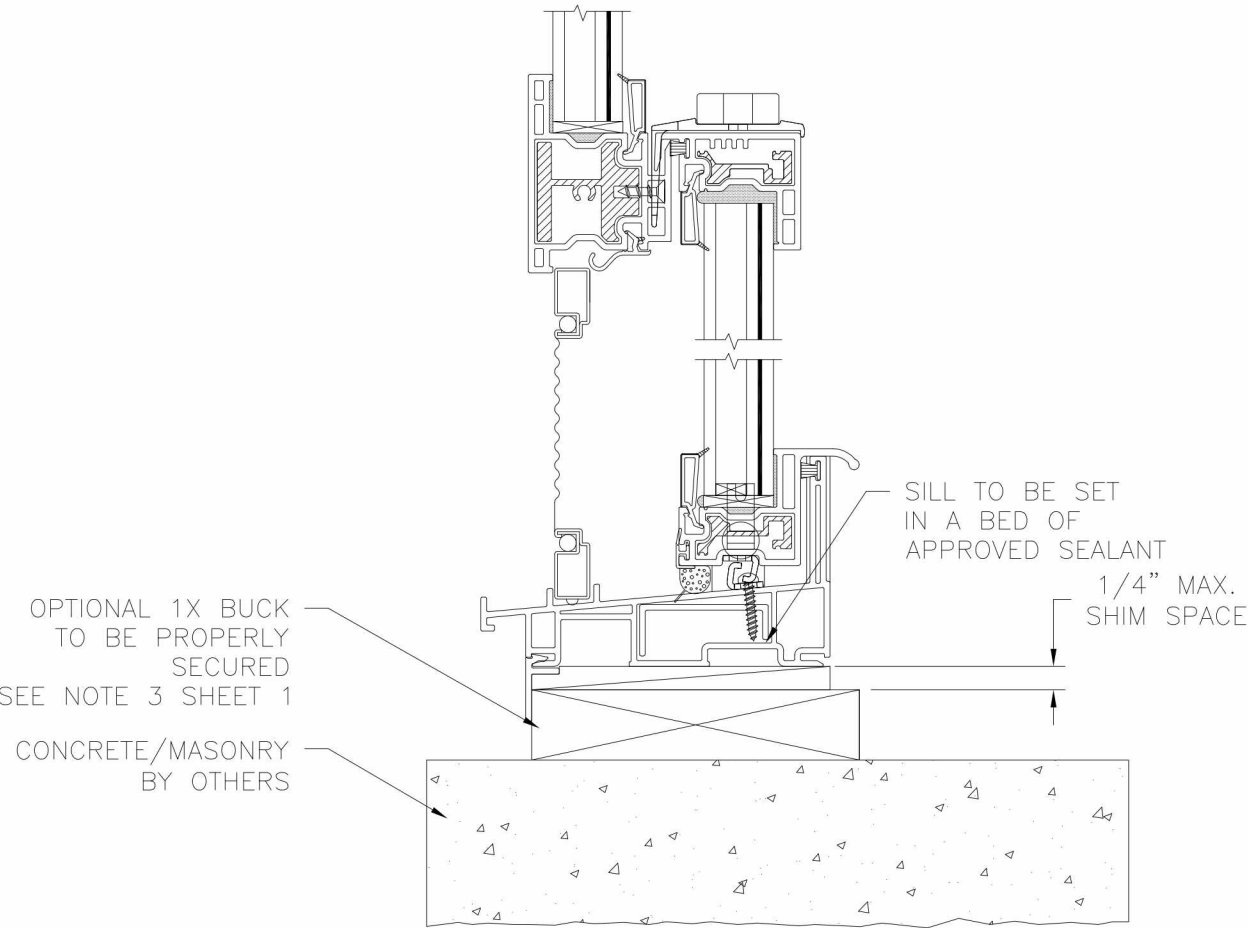
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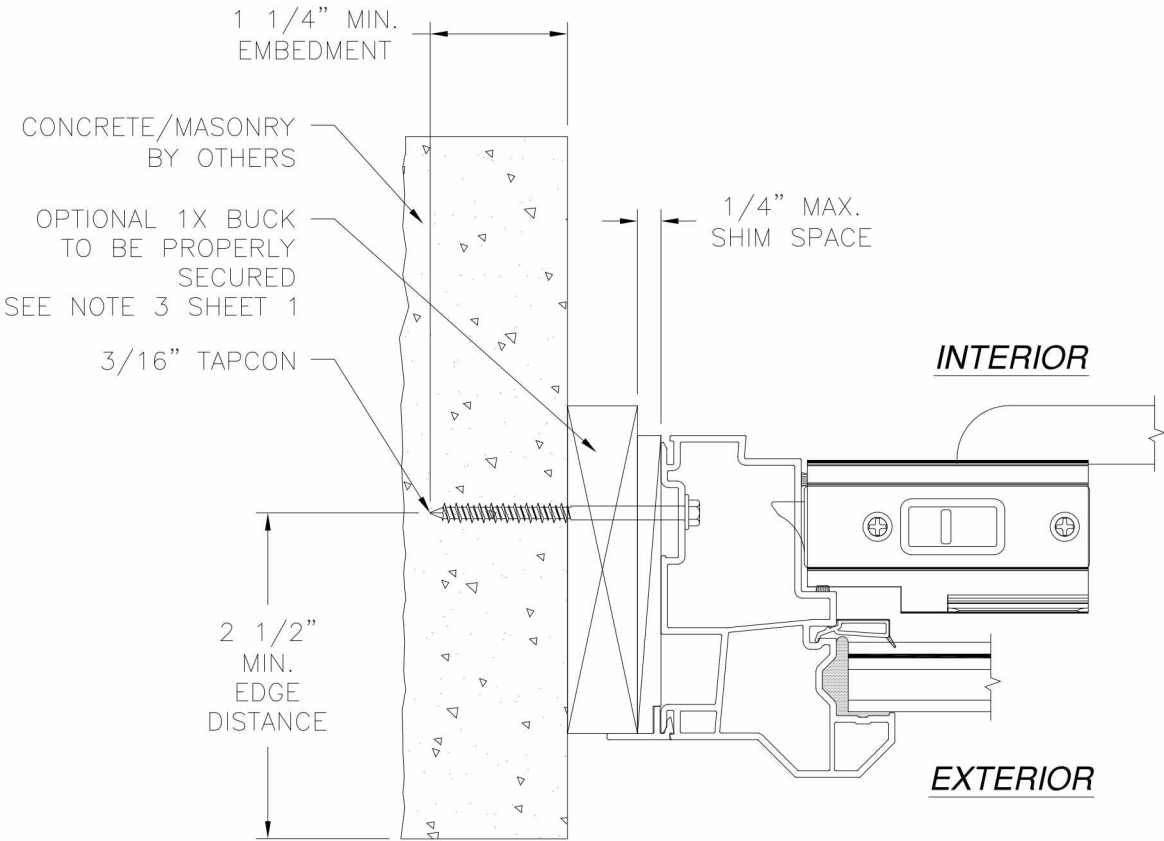


EXTERIOR INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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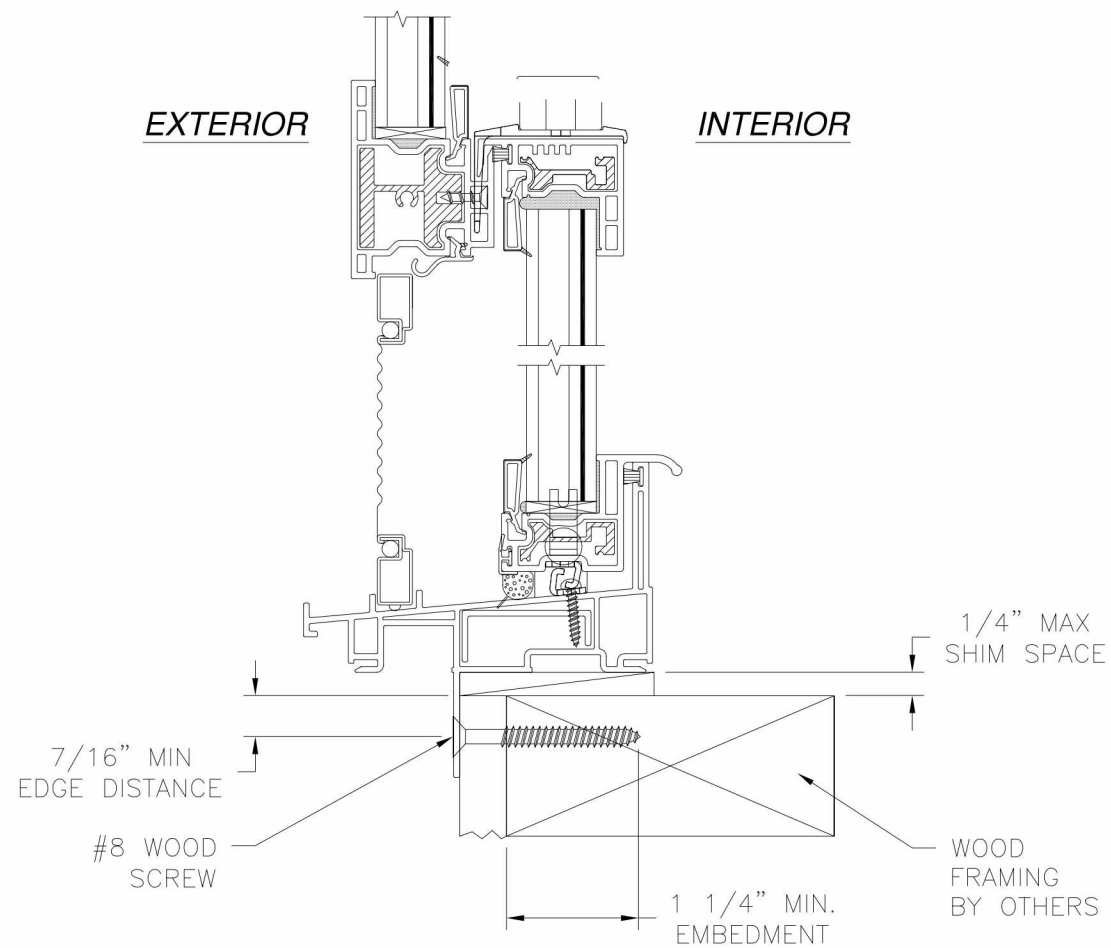
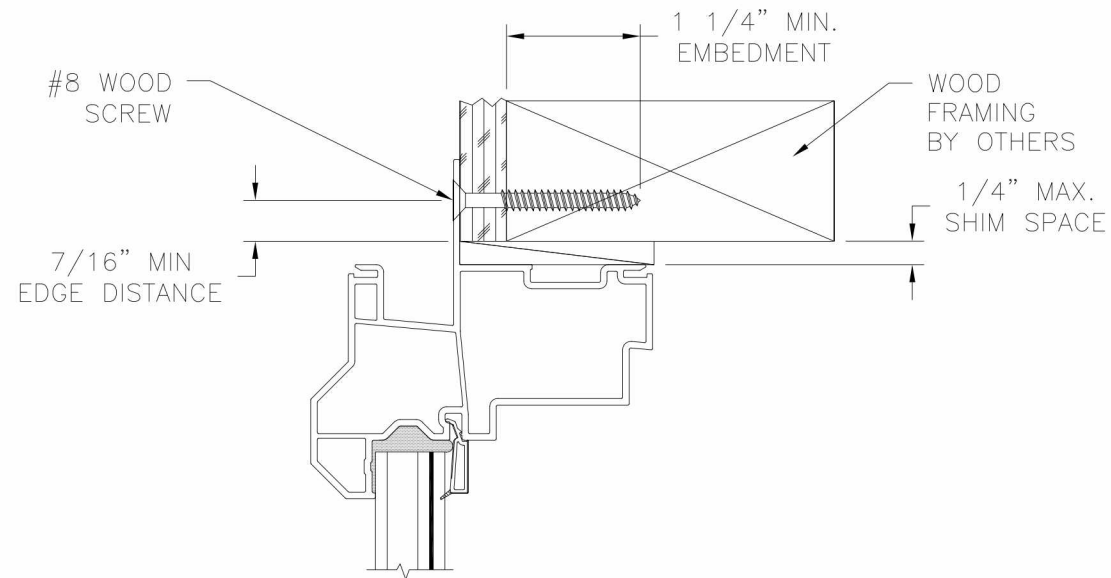
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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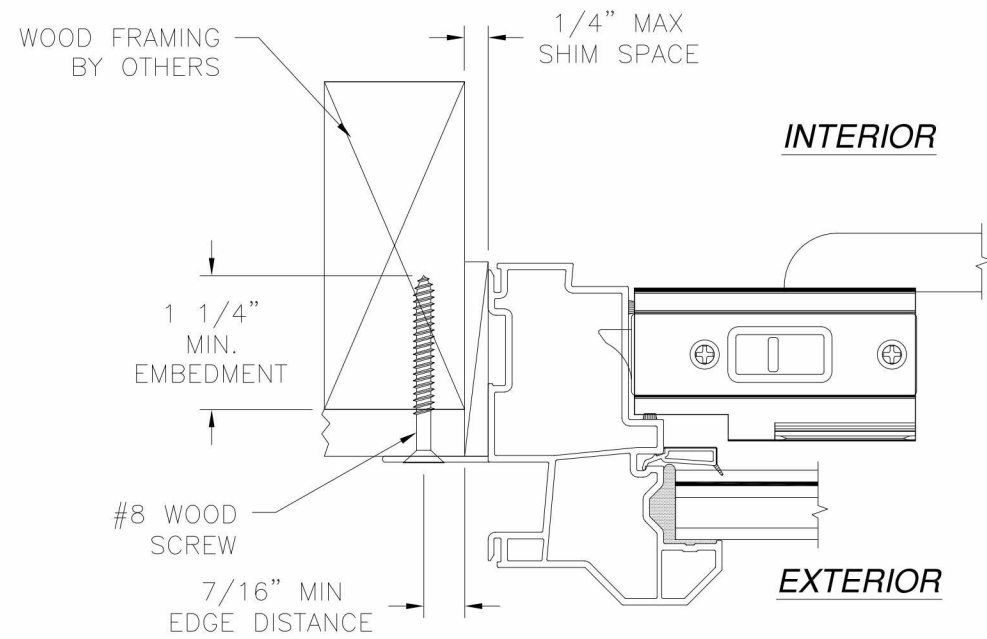
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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