

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	02/26/18	R.L.
B	REVISED PER NEW STANDARDS	01/10/2022	R.L.

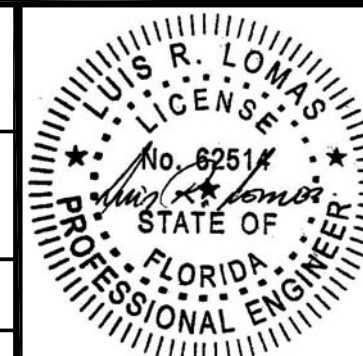
NOTES:

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. 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.
4. FRAME AND SASH MATERIAL: EXTRUDED PVC.
5. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLAZING DETAILS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
7. 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".
8. FOR ANCHORING INTO MASONRY 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.
9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREW 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 METAL STRUCTURE USE #10 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.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. 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 2,700 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE – STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM.

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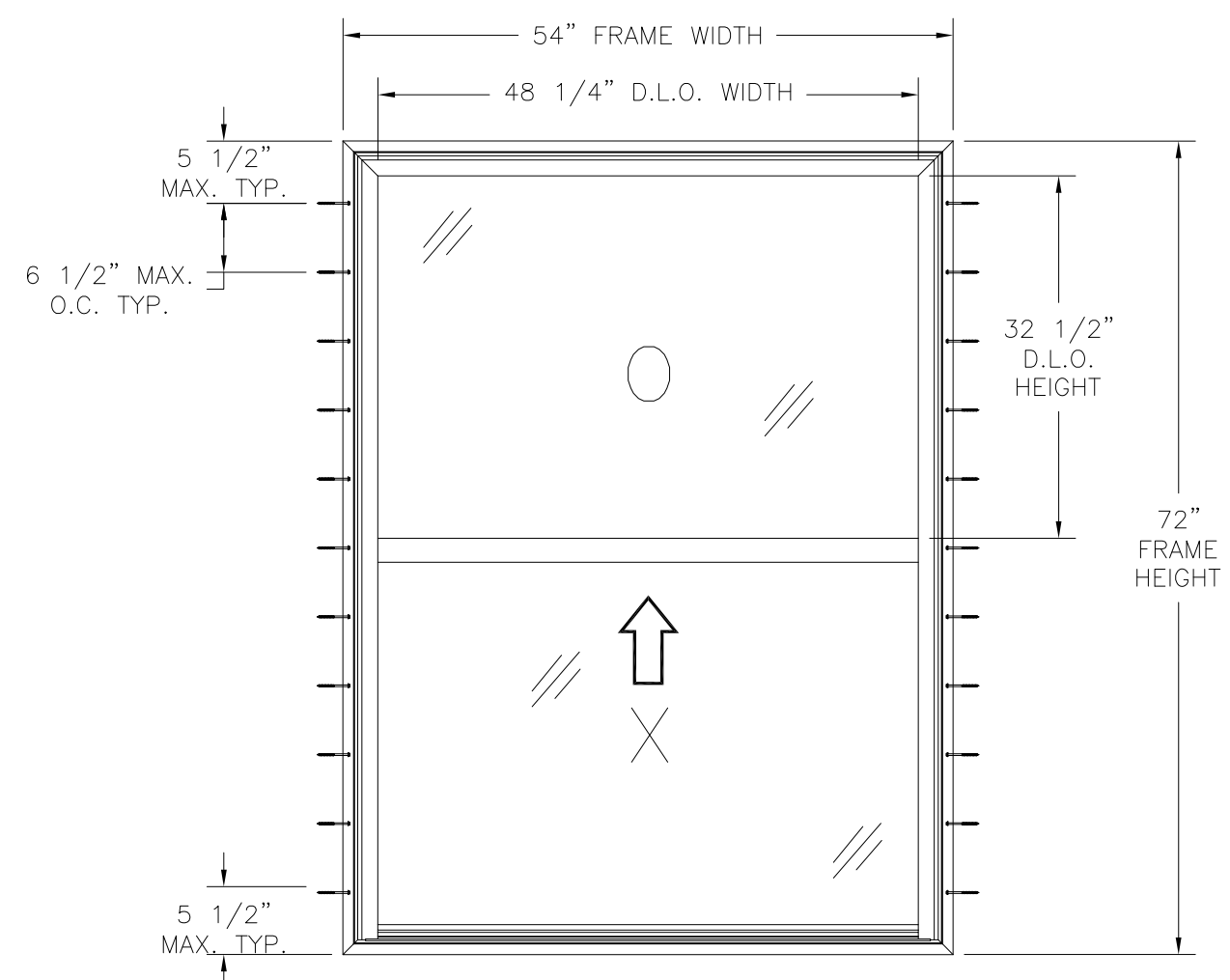
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STERGIS WINDOWS & DOORS, INC. 79 WALTON ST. ATTLEBORO, MA 02703		
STORMGATE REP SH PVC SINGLE HUNG WINDOW IMPACT 54" x 72" NOTES		
DRAWN: TJH	DWG NO. 08-00828	REV B
SCALE NTS	DATE 08/25/09	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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FL No.: 62514

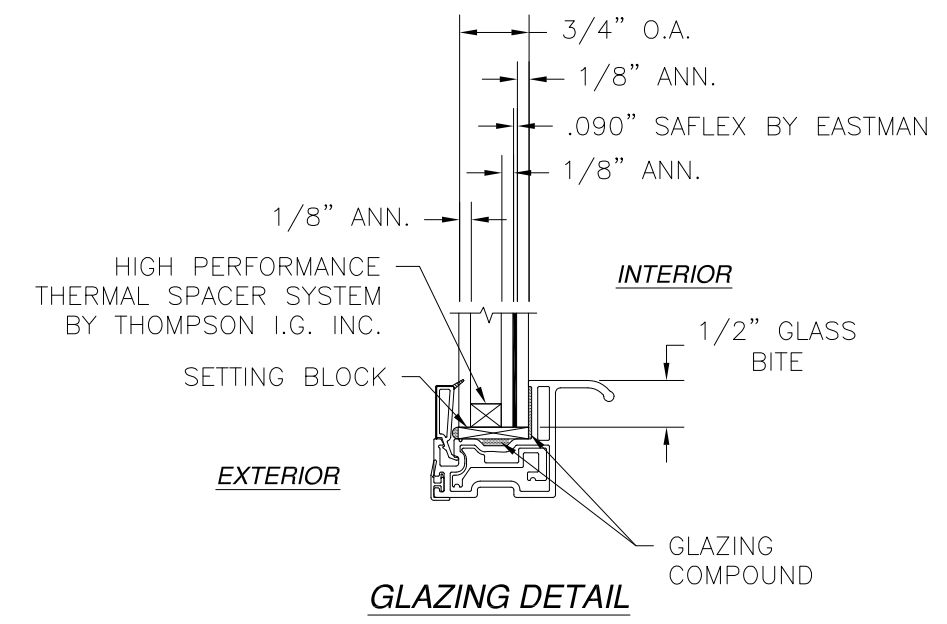
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STORMGATE REP SH PVC SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT

54" X 72" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 27.0" FT²



GLAZING DETAIL

HARDWARE SCHEDULE	
A.	(2) METAL CAMSWEEP LOCK WITH KEEPERS AT INTERIOR MEETING RAIL
B.	(2) METAL TILT LATCHES AT INTERIOR MEETING RAIL
C.	(2) SINGLE HUNG IMPACT CLIP AT INTERIOR MEETING RAIL
D.	(2) METAL PIVOT BARS AT BOTTOM CORNERS OF EACH SASH
E.	(4) INTERLOCKING SNUBBERS AT SILL AND BOTTOM RAIL
F.	ALUMINUM REINFORCEMENT AT ALL SASH MEMBERS AND FIXED MEETING RAIL

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IMPACT 54" x 72"
ELEVATION, ANCHORING & GLAZING DETAIL

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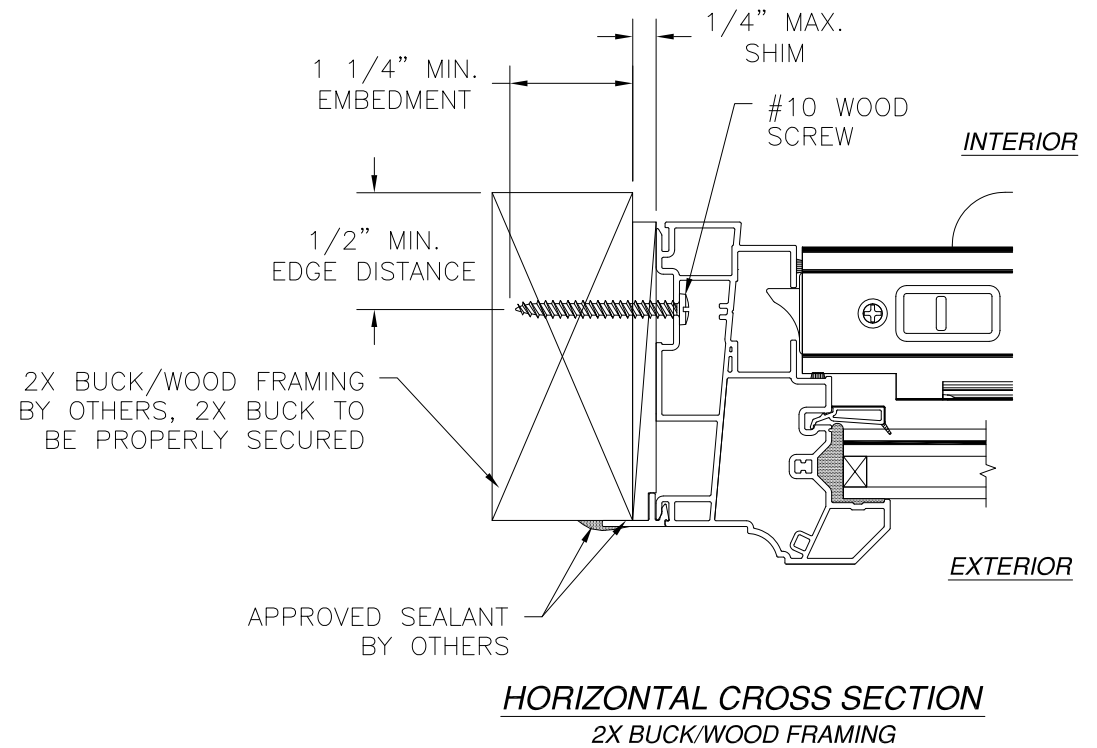
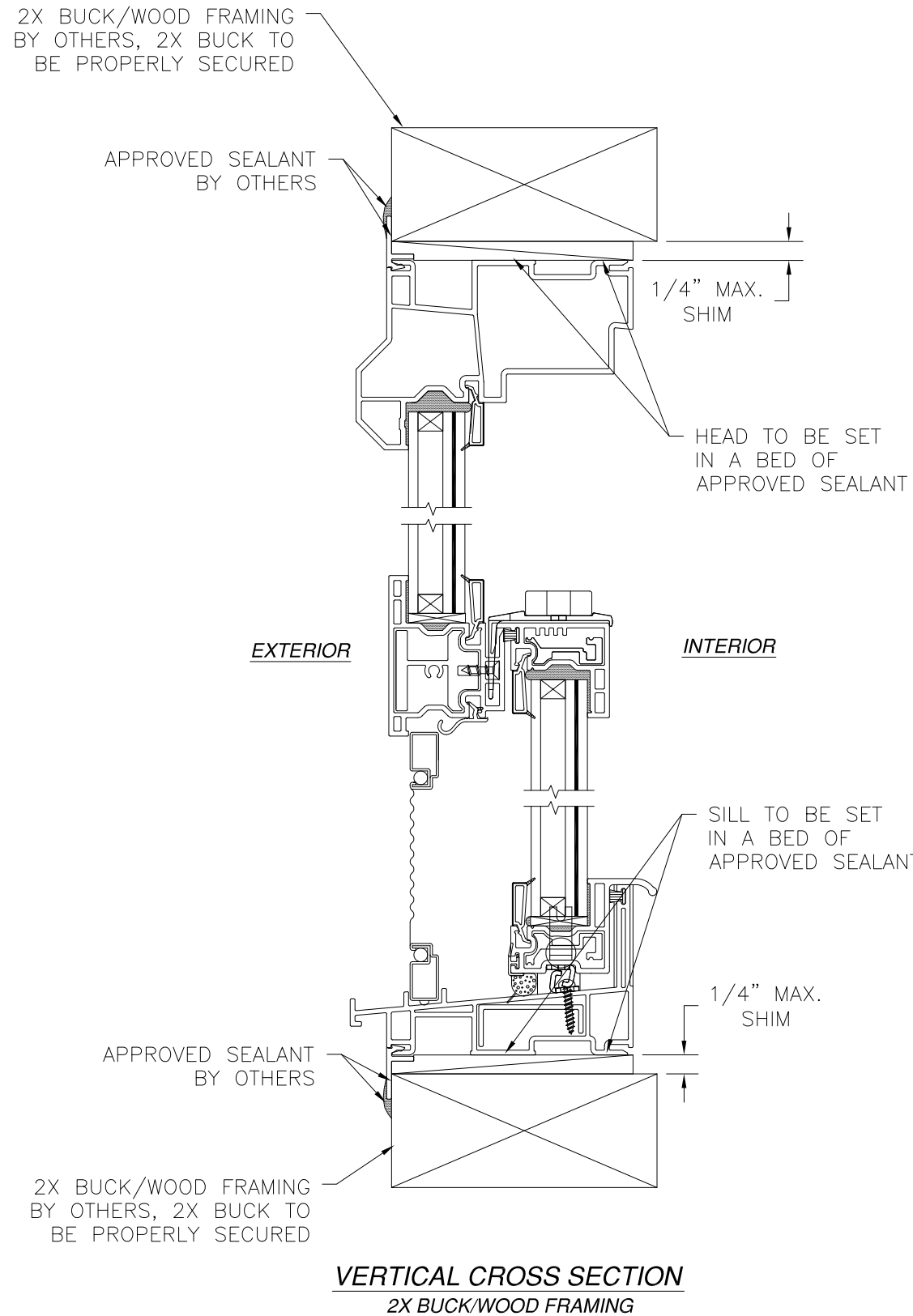
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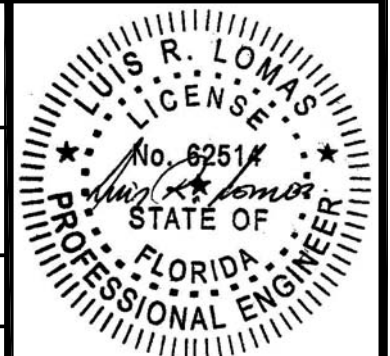
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

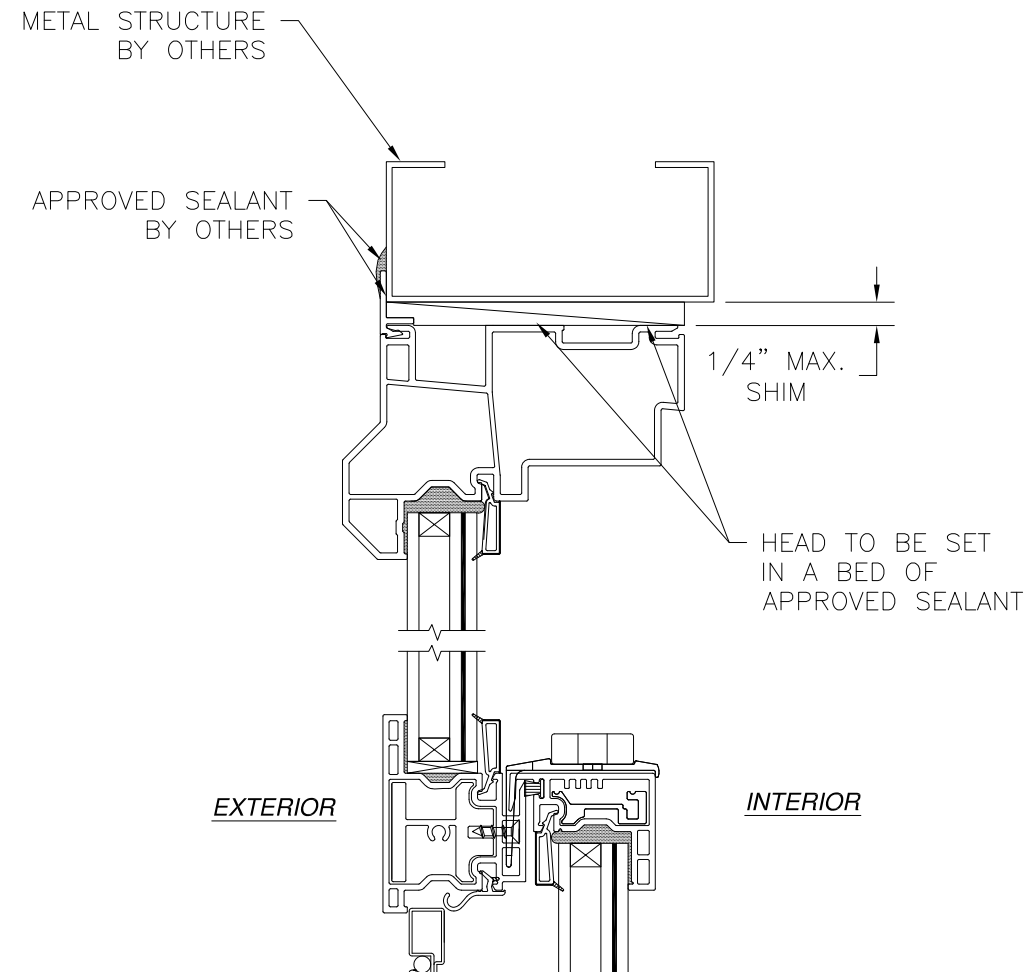
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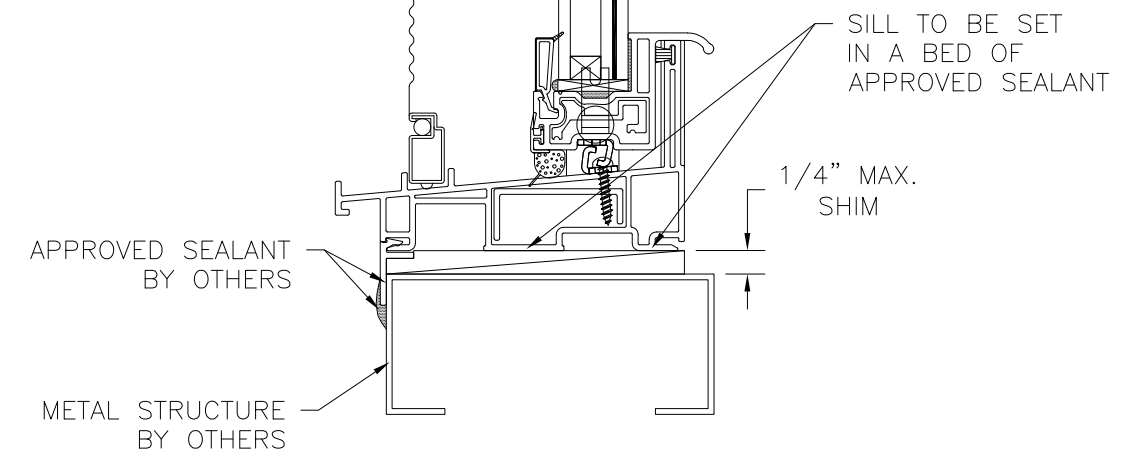


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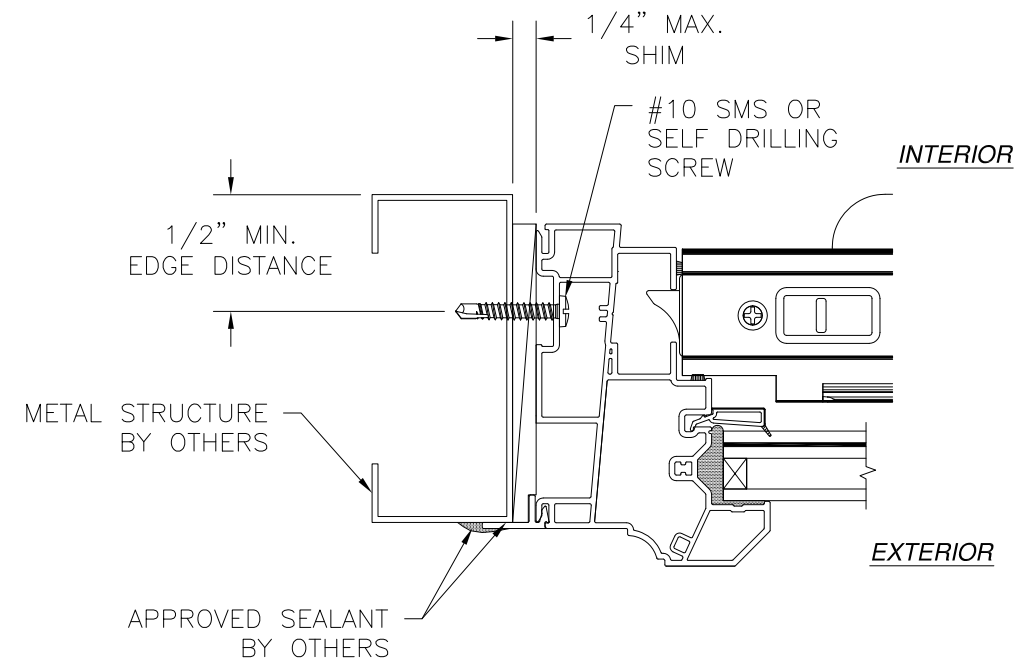
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EXTERIOR INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



HORIZONTAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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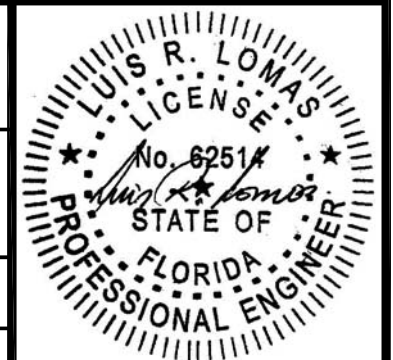
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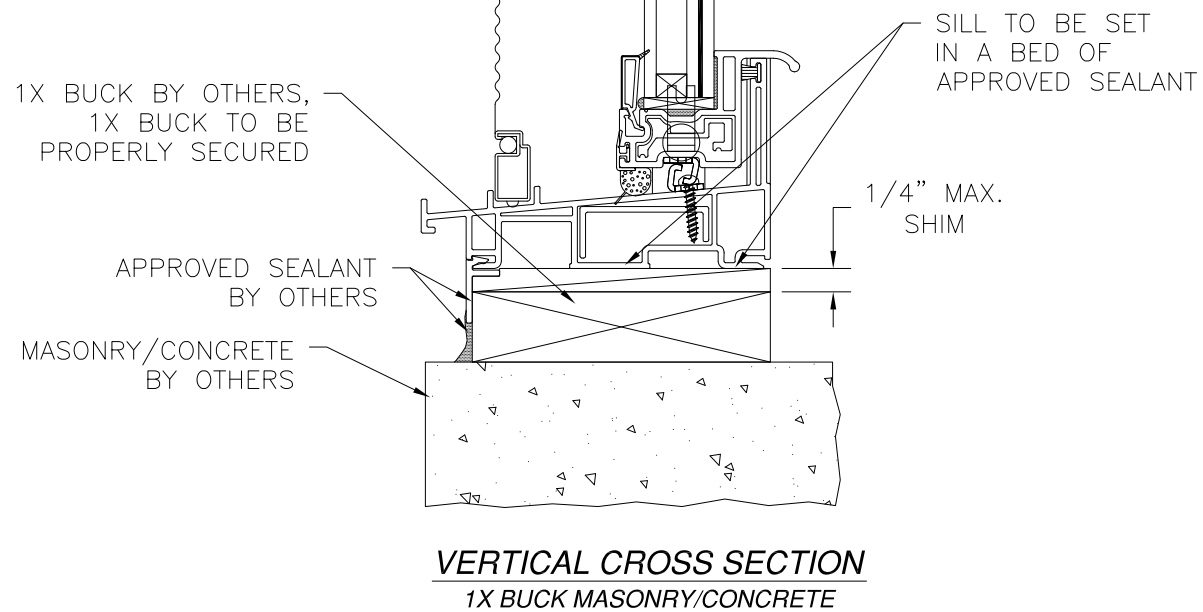
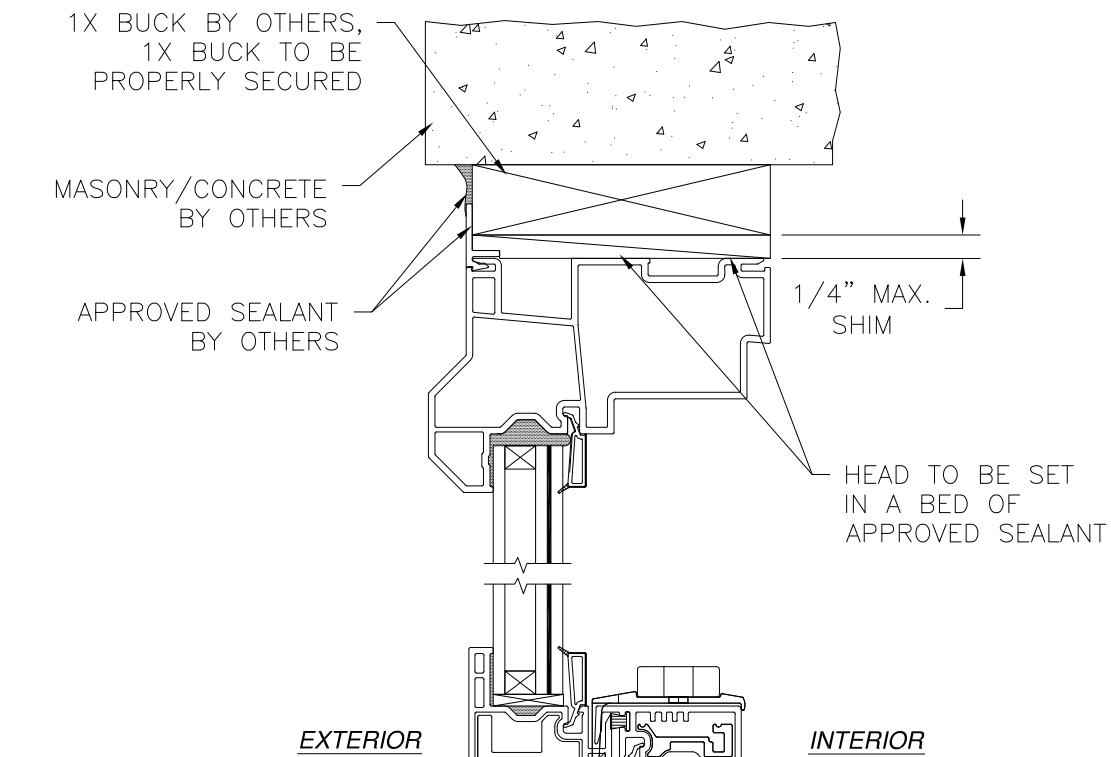
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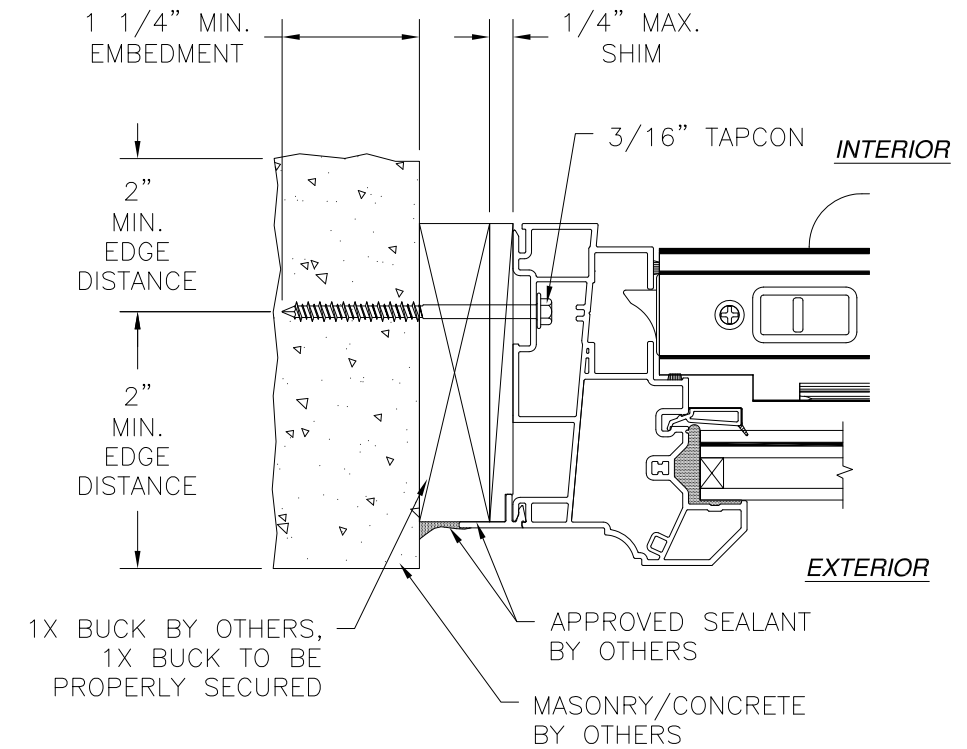


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VERTICAL CROSS SECTION
1X BUCK MASONRY/CONCRETE



HORIZONTAL CROSS SECTION
1X BUCK MASONRY/CONCRETE

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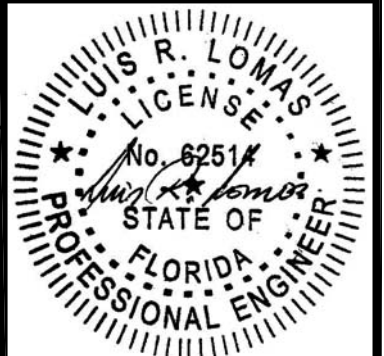
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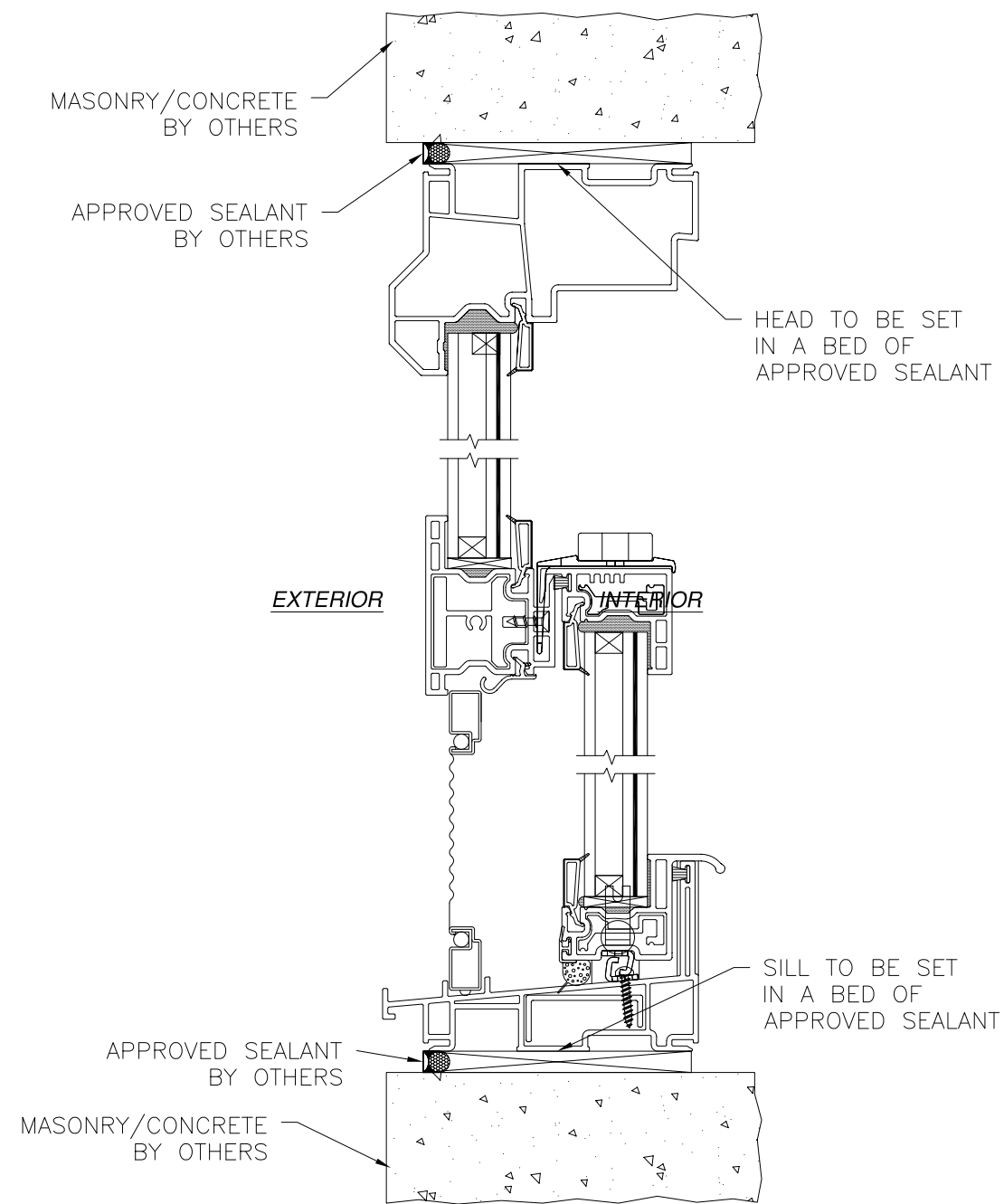
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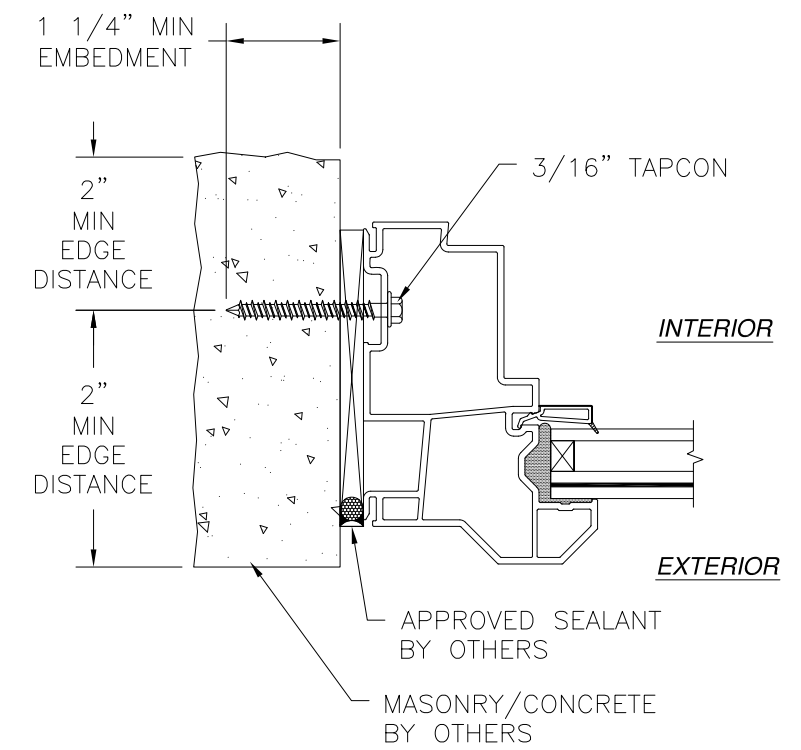


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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

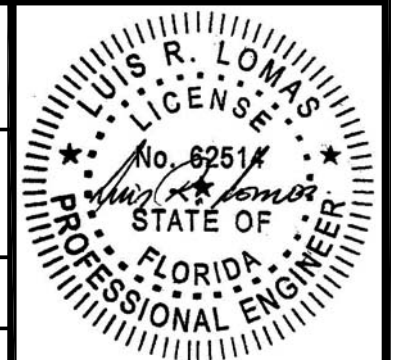


HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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