

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED PER NEW STANDARDS	01/26/2022	R.L.

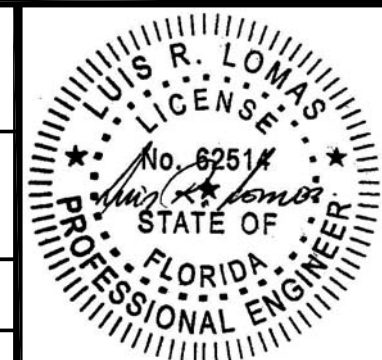
NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAME OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING 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 MATERIAL: EXTRUDED PVC.
5. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLASS DETAILS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS WHEN INSTALLED AT 30FT OR HIGHER ABOVE GROUND LEVEL..
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 WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9. ALL FASTENERS TO BE CORROSION RESISTANT.
10. 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

SIGNED: 03/25/2022

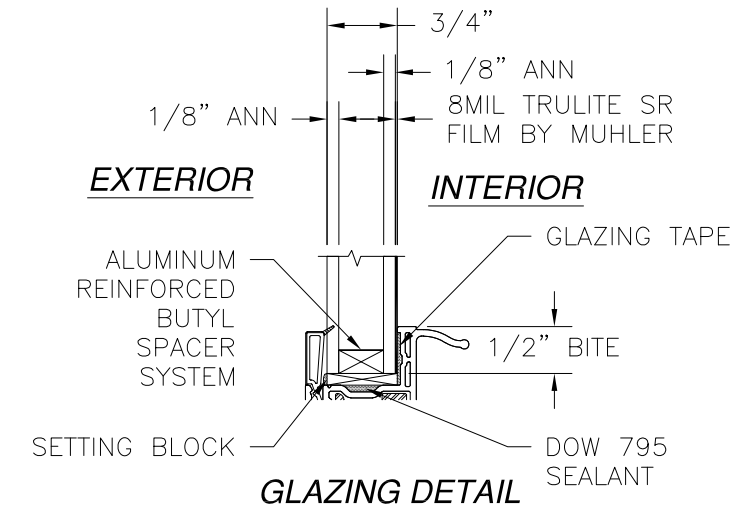
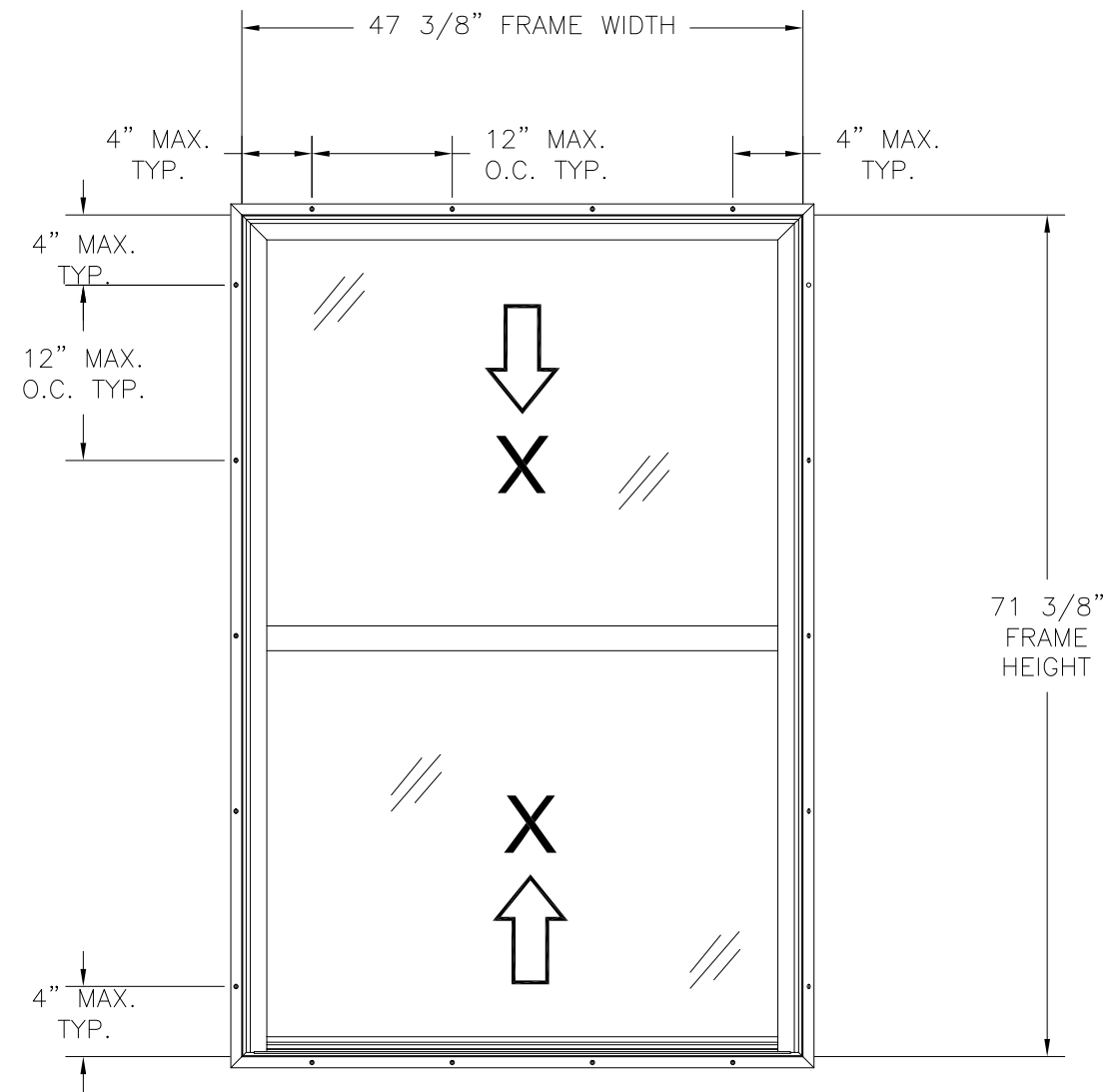
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<b>STERGIS WINDOWS &amp; DOORS, INC.</b> 79 WALTON ST. ATTLEBORO, MA 02703		
STORMGAGE IMPACT DOUBLE HUNG WINDOW SMALL MISSILE IMPACT 47" X 71" NOTES		
DRAWN: R.L.	DWG NO. 08-01414	REV C
SCALE NTS	DATE 11/30/11	SHEET 1 OF 3
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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

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**STORMGATE IMPACT NC DOUBLE HUNG WINDOW**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	SMALL MISSILE IMPACT

MISSILE LEVEL A, WIND ZONE 4

47 3/8" X 71 3/8" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 23.48" FT<sup>2</sup>

**NOTES:**

- SASH SIZE: 44 1/4" X 35 5/8".
- DLO: 40 13/16" X 32"

**HARDWARE SCHEDULE**

A.	(2) METAL SWEEP LOCK WITH KEEPER AT MEETING RAIL 8" FROM ENDS
B.	(2) IMPACT CLIP AT END OF TOP RAIL OF INTERIOR SASH
C.	(4) PLASTIC TILT LATCH AT INTERIOR MEETING RAIL AND TOP RAIL ENDS
D.	(4) METAL PIVOT BAR AT EXTERIOR MEETING RAIL AND BOTTOM RAIL END
E.	ALUMINUM REINFORCEMENT (142 DH-003) AT SILL AND UPPER SASH STILES & RAILS.
F.	ALUMINUM REINFORCEMENT (194 DH-002) AT LOWER SASH STILES & RAILS.

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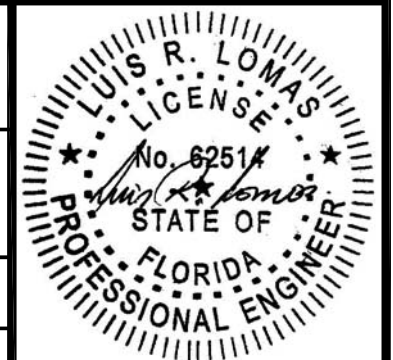
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ATTLEBORO, MA 02703

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SMALL MISSILE IMPACT 47" X 71"  
ELEVATION

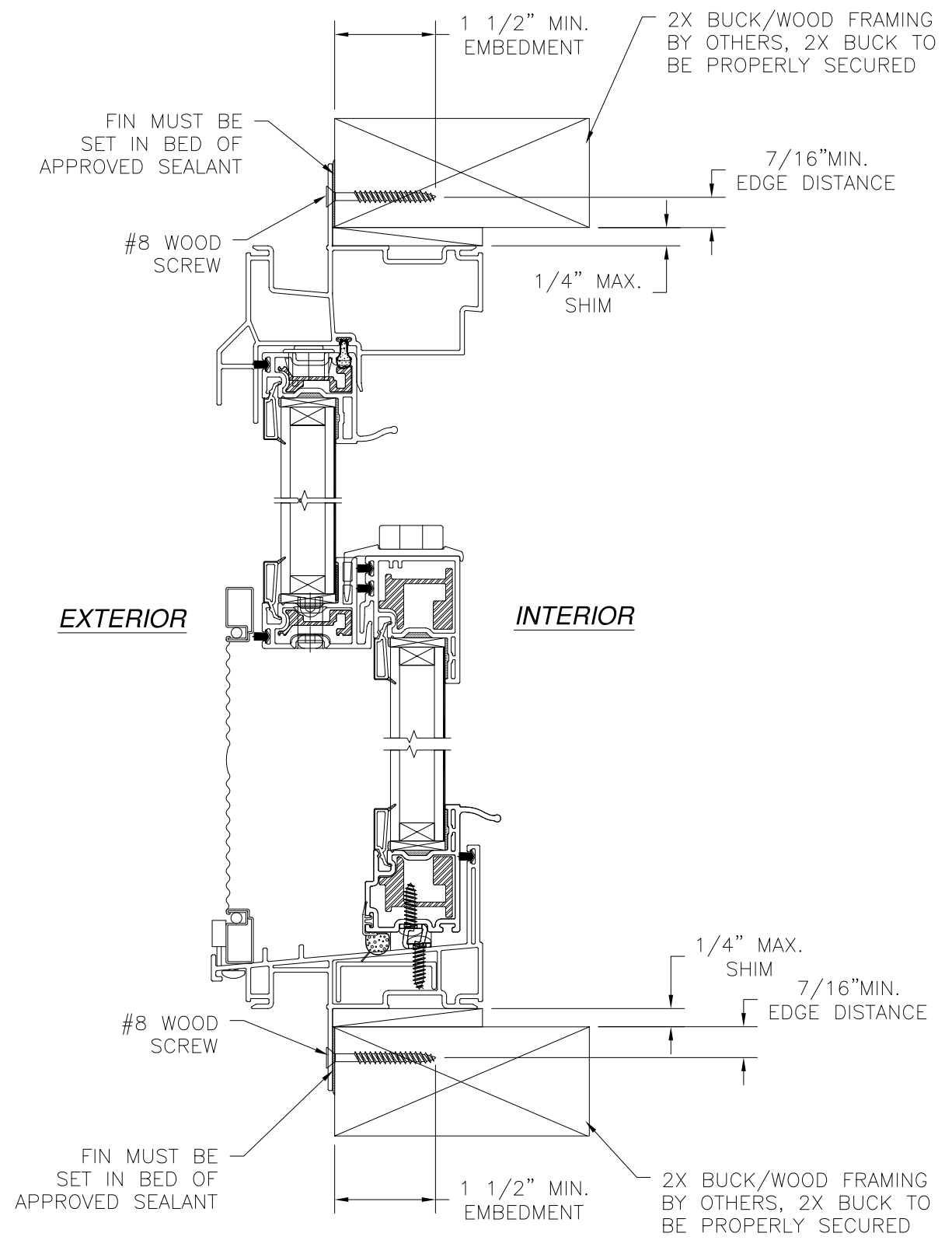
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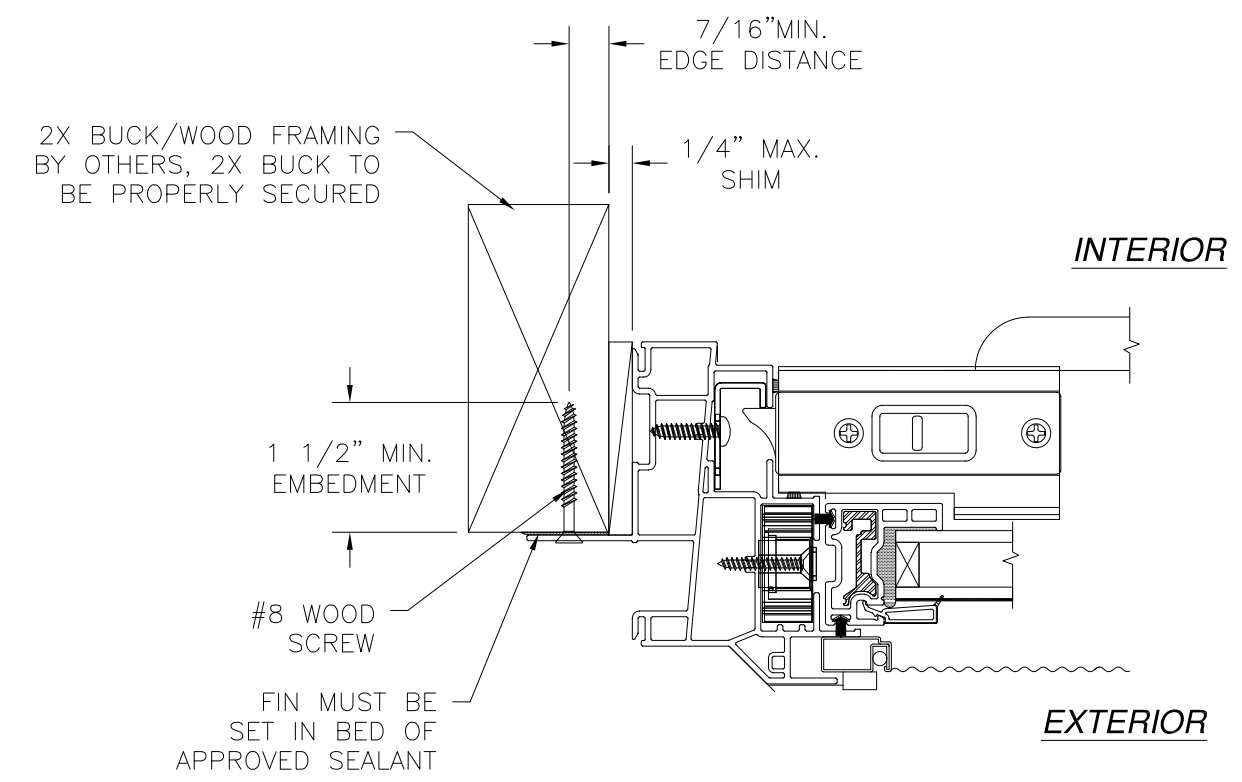


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**VERTICAL CROSS SECTION**  
2X BUCK/WOOD FRAMING



**HORIZONTAL CROSS SECTION**  
2X BUCK/WOOD FRAMING

- 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

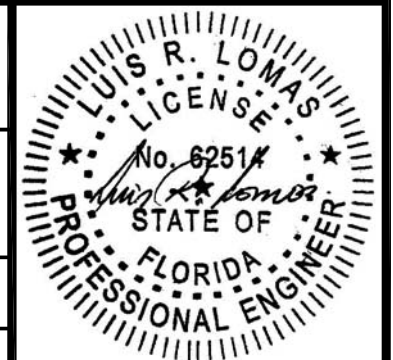
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SMALL MISSILE IMPACT 47" X 71"  
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