

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
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, SEE SHEET 5 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK THROUGH FRAME OR WITH CLIP 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 THROUGH FRAME OR WITH CLIP 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 THROUGH FRAME OR WITH CLIP 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.A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 17.C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 17.D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .125" THICK MINIMUM

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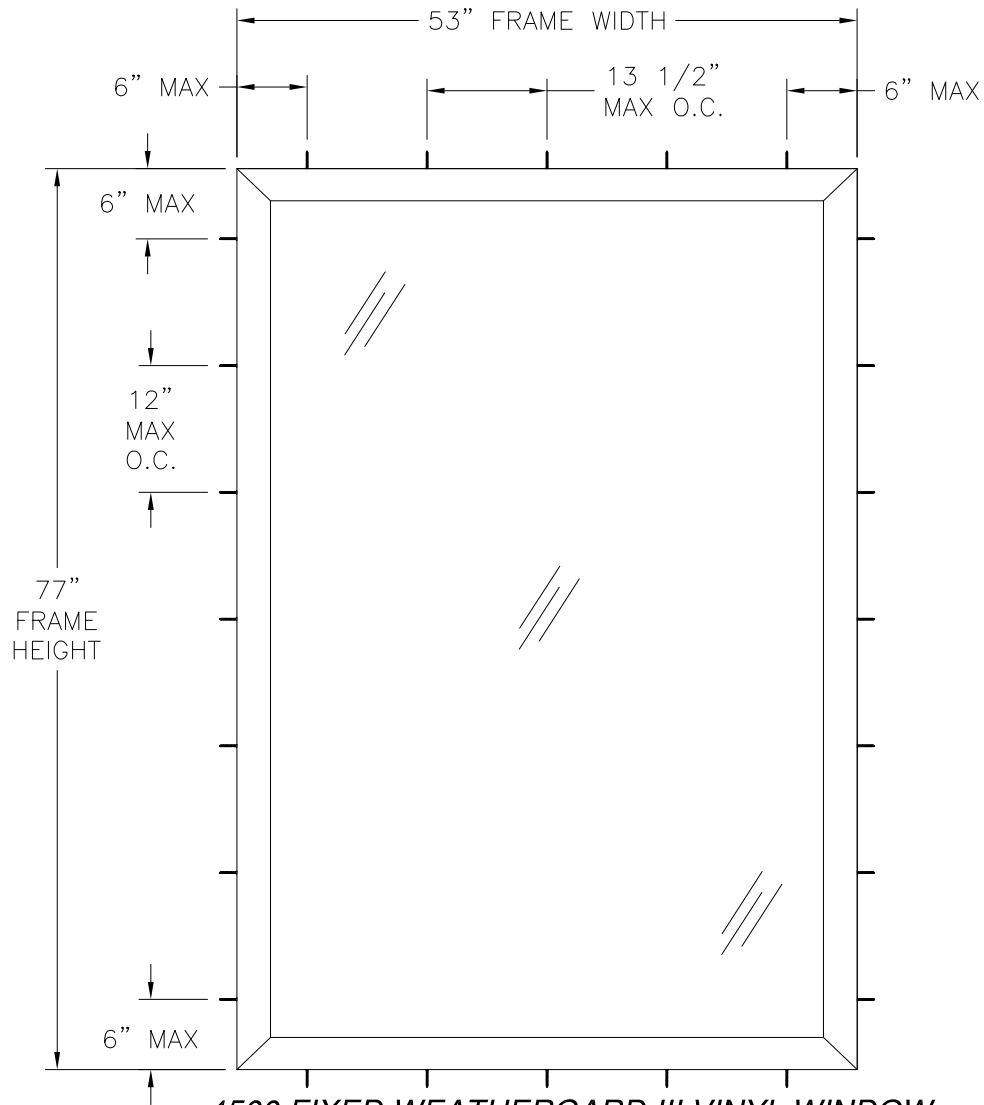
LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001		
4500 FIXED WEATHERGARD III VINYL WINDOW 53" X 77" IMPACT HVHZ NOTES		
DRAWN: A.R.	DWG NO. 08-03677	REV -
SCALE NTS	DATE 01/06/21	SHEET 1 OF 5
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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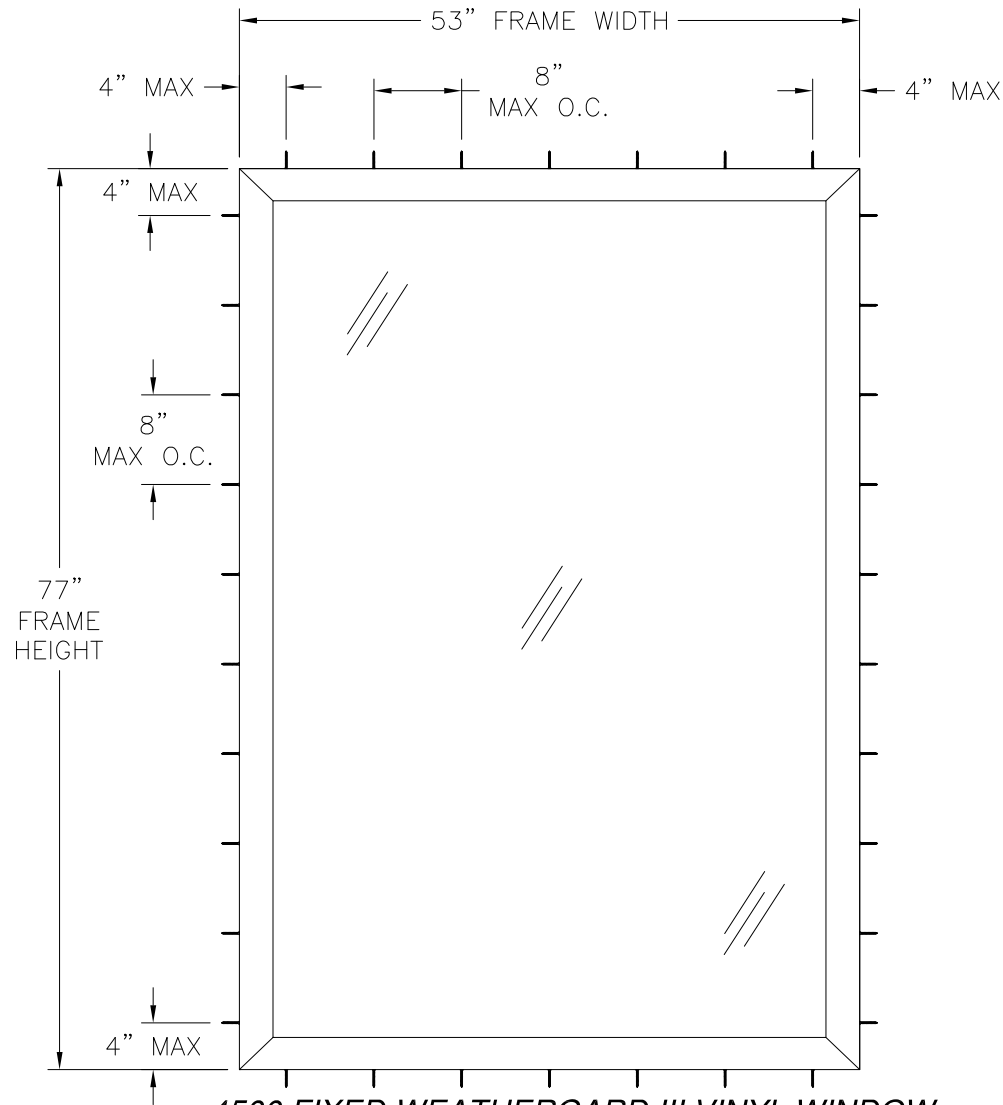


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FL No.: 62514

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EXTERIOR VIEW
THROUGH FRAME INSTALLATION



EXTERIOR VIEW
CLIP INSTALLATION

NOTES:
1. D.L.O.: 46 3/4" x 70 3/4"

DESIGN PRESSURE RATING	IMPACT RATING
± 70.0 PSF	LARGE AND SMALL MISSILE IMPACT

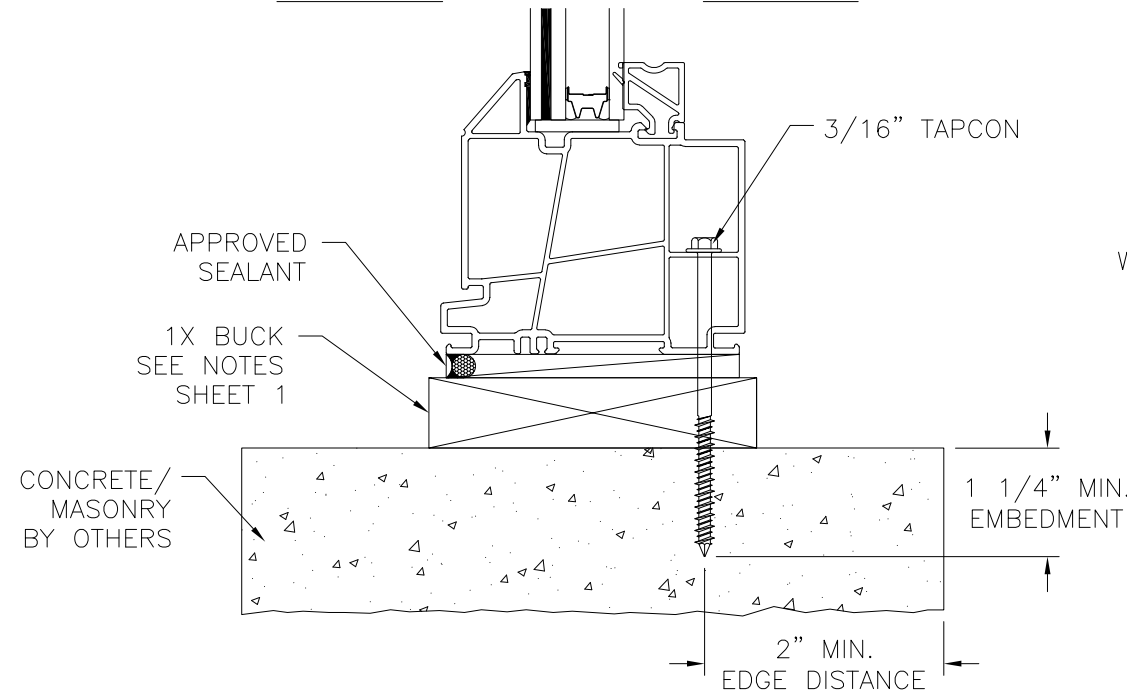
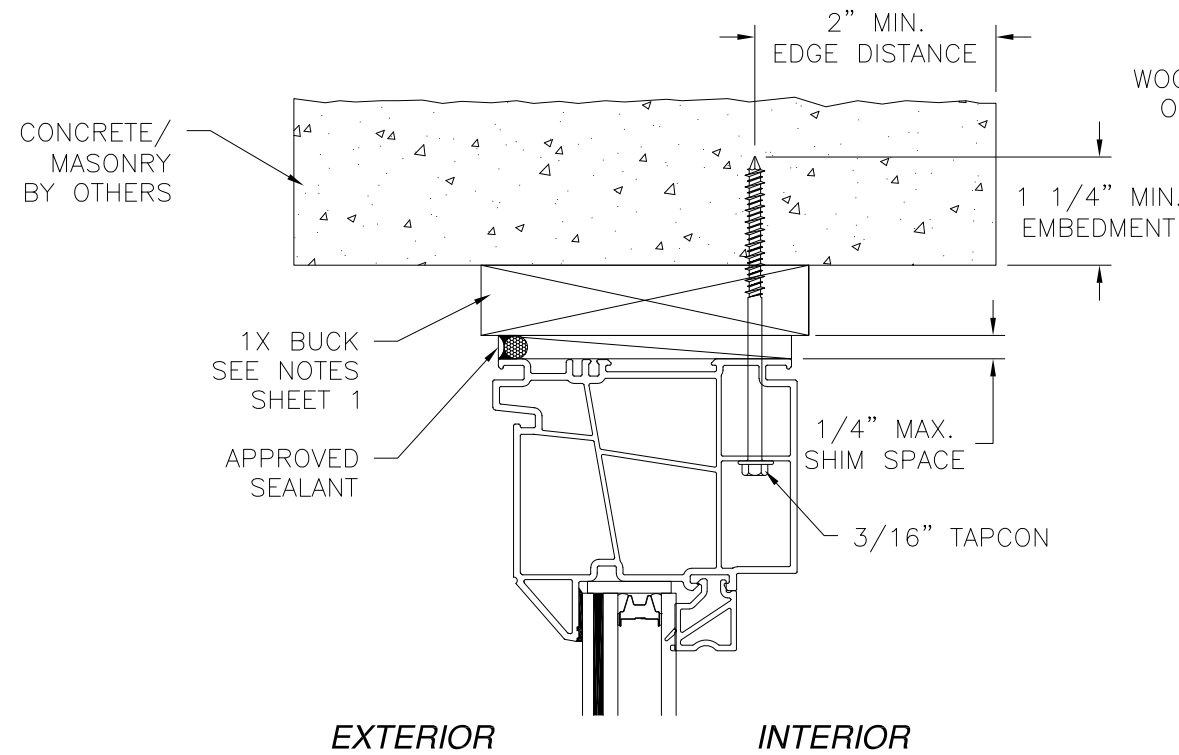
MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001		
4500 FIXED WEATHERGARD III VINYL WINDOW 53" X 77" IMPACT HVHZ ELEVATIONS		
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SCALE NTS	DATE 01/06/21	SHEET 2 OF 5
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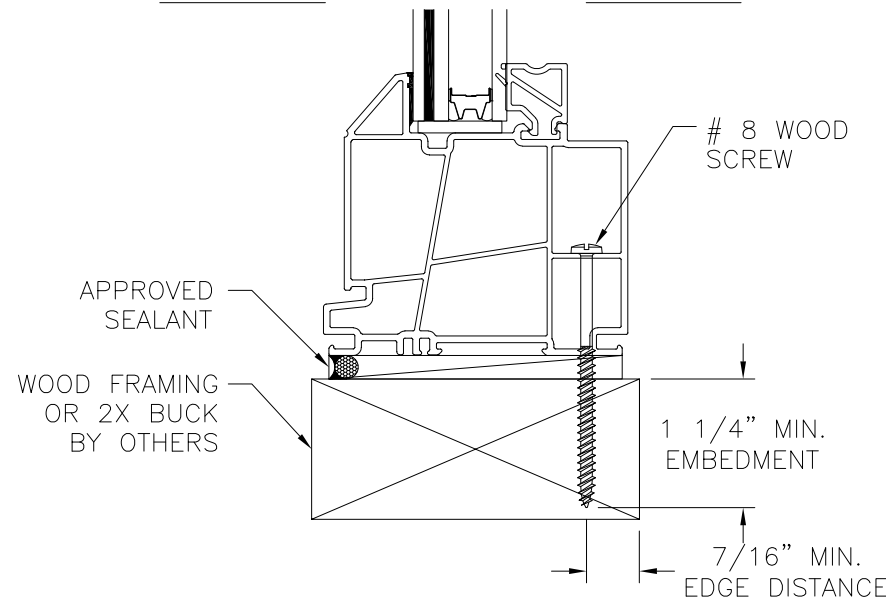
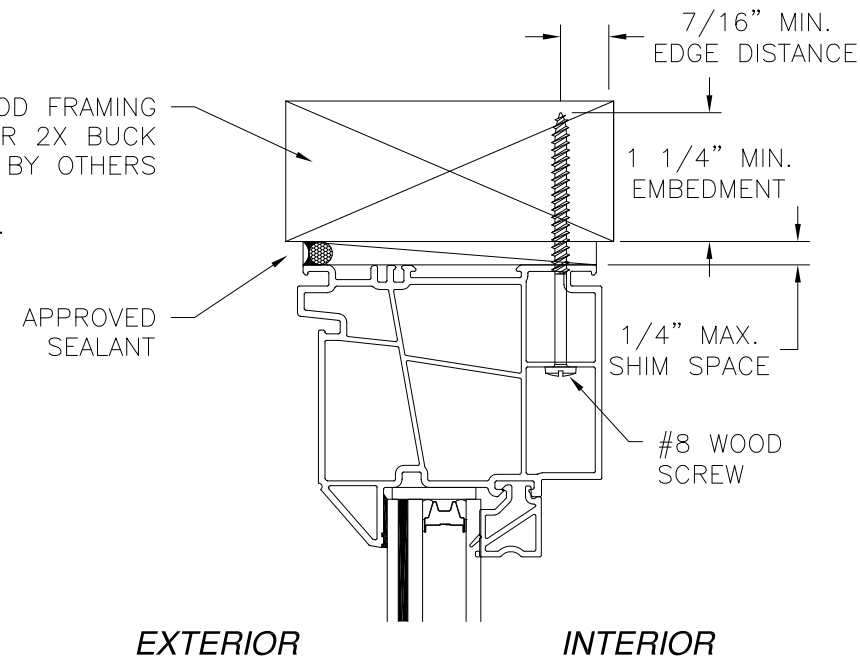


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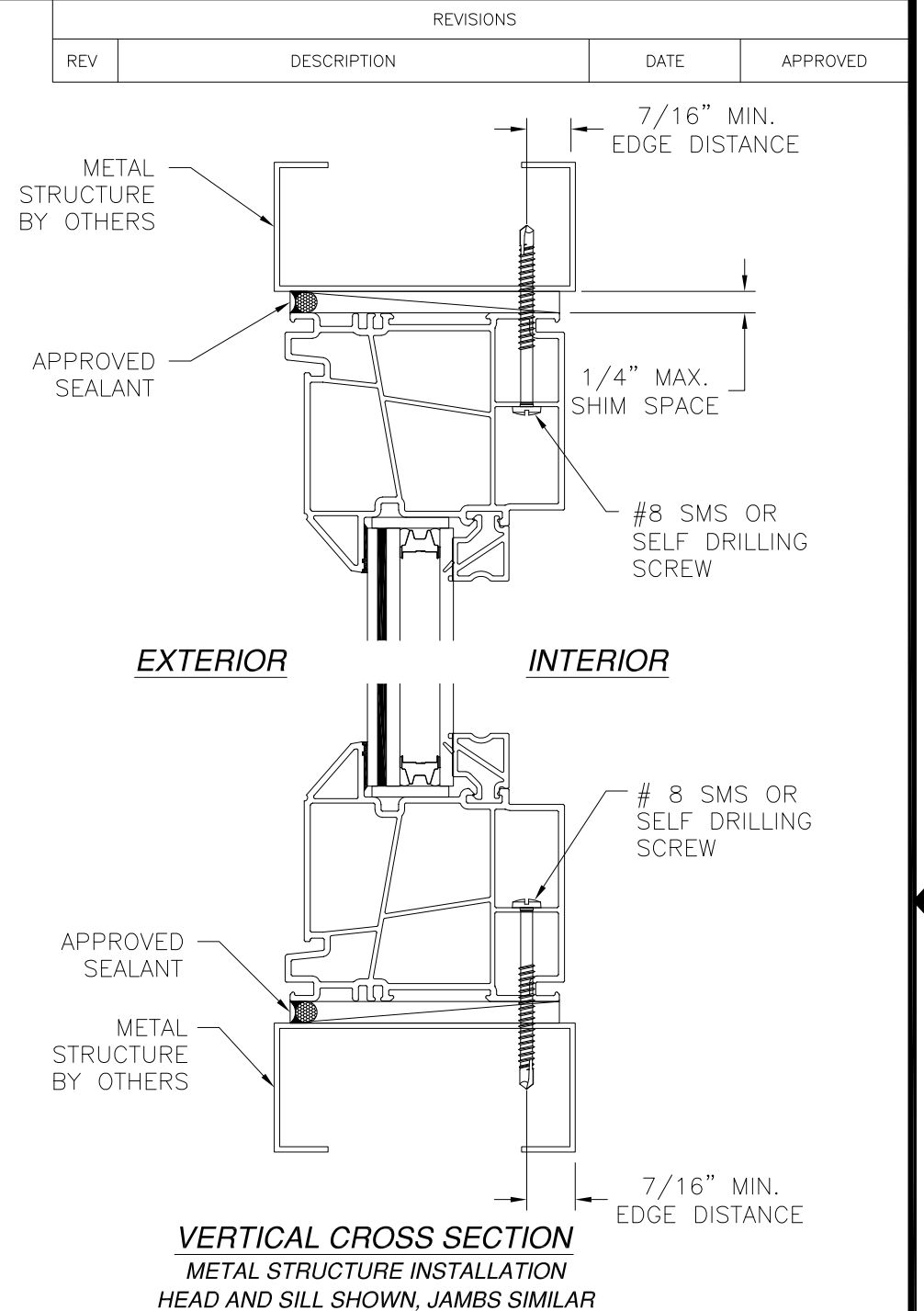


VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR

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

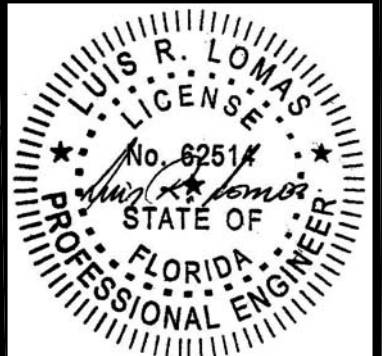


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR



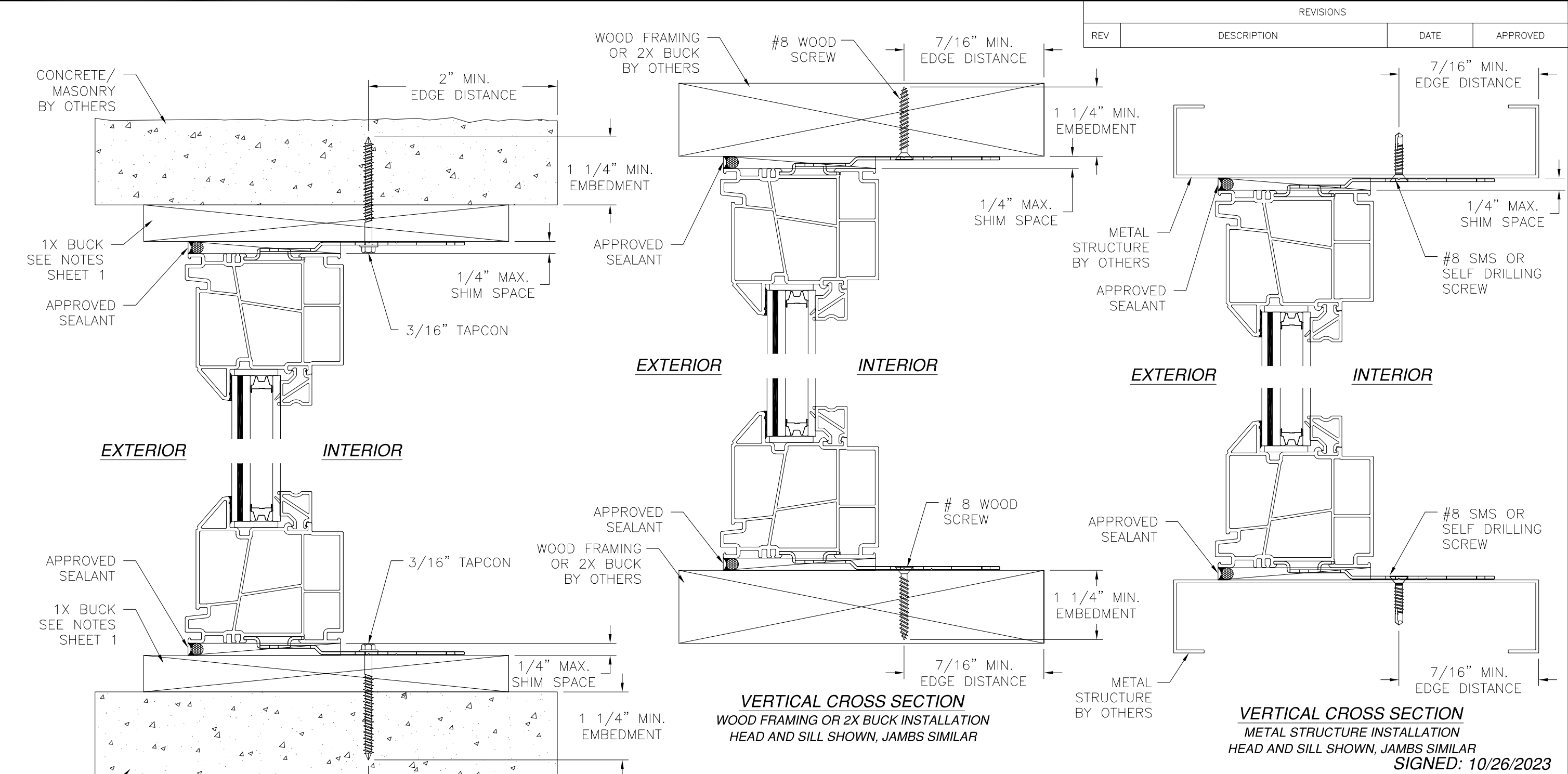
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LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001		
4500 FIXED WEATHERGARD III VINYL WINDOW 53" X 77" IMPACT HVHZ INSTALLATION DETAILS THROUGH FRAME		
DRAWN: A.R.	DWG NO. 08-03677	REV -
SCALE NTS	DATE 01/06/21	SHEET 3 OF 5
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LAS ENTERPRISES
2413 L & A ROAD
METAIRIE, LA 70001

4500 FIXED WEATHERGARD III VINYL WINDOW
53" X 77" IMPACT HVHZ
INSTALLATION DETAILS WITH CLIP

DRAWN:
A.R.

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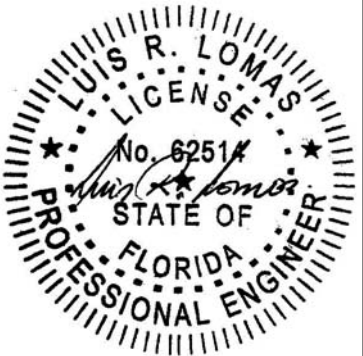
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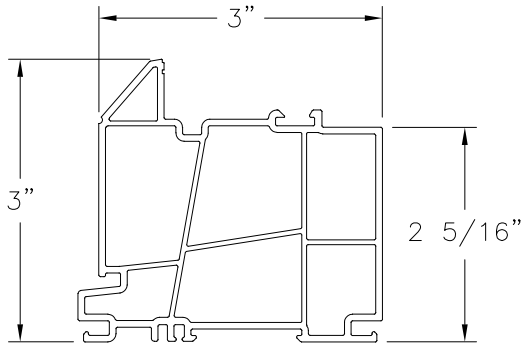
SHEET
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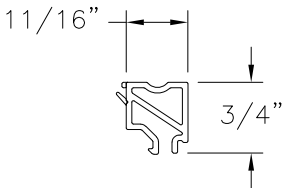


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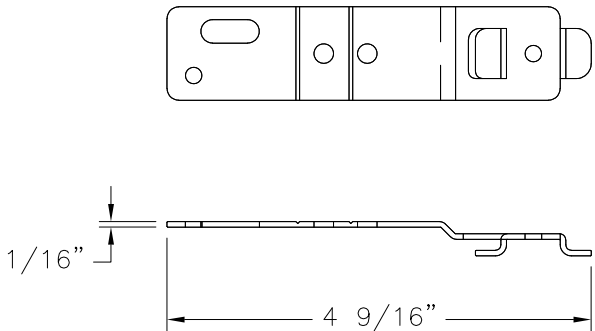
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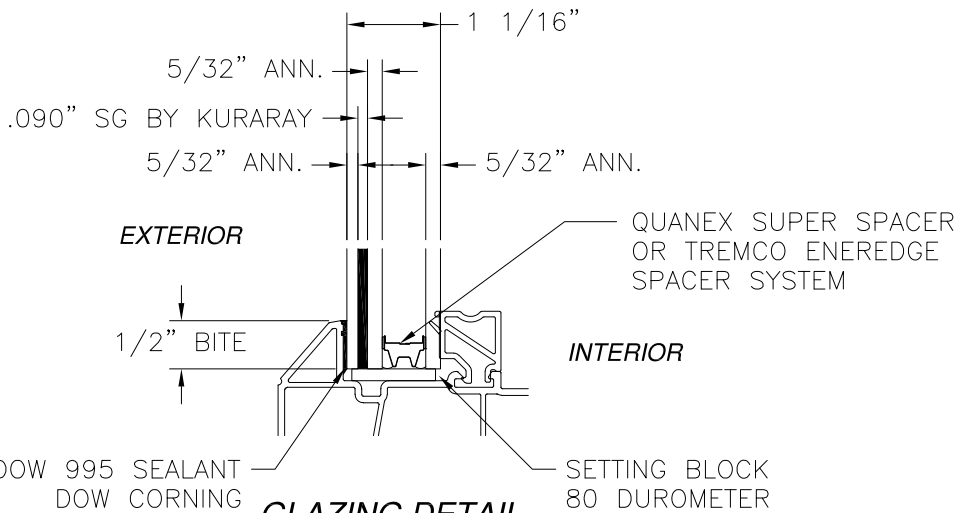
MAIN FRAME (4509A)
VINYL PVC .079 THICK



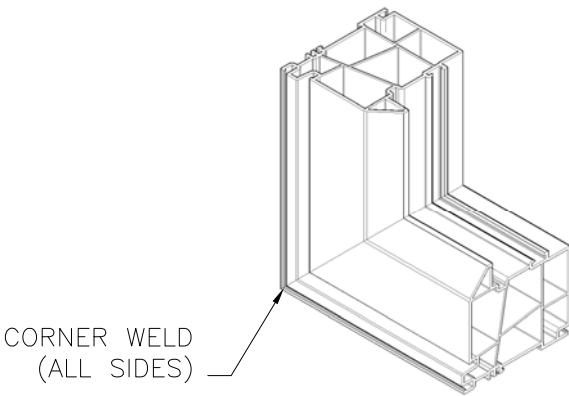
GLAZING BEAD (4413)
VINYL PVC .059 THICK



CLIP INSTALLATION
STAINLESS STEEL



GLAZING DETAIL



FRAME CORNER CONSTRUCTION

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2413 L & A ROAD
METAIRIE, LA 70001

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53" X 77" IMPACT HVHZ
COMPONENTS

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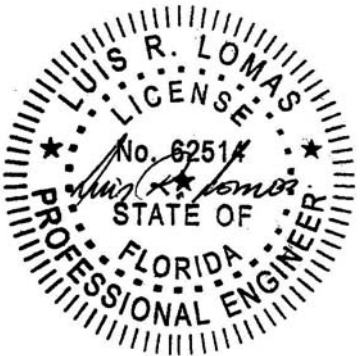
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