

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	MANUFACTURER'S NAME CHANGE	03/04/09	R.L.
B	REVISED PER NEW CERTIFICATIONS	08/20/14	R.L.
C	REVISED PER NEW TESTING	03/07/23	R.L.
D	CURRENT FBC & Ops-0061	02/20/26	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING.
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. 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 6 FOR GLAZING 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 USE #10 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 #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.
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:

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

FL 16412

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES 2461 VINYL LEG FRAME IMPACT
SINGLE HUNG WINDOW – 53" X 72"
NOTES

DRAWN:
A.M.

DWG NO.
08-00564

REV
D

SCALE NTS

DATE 08/20/14

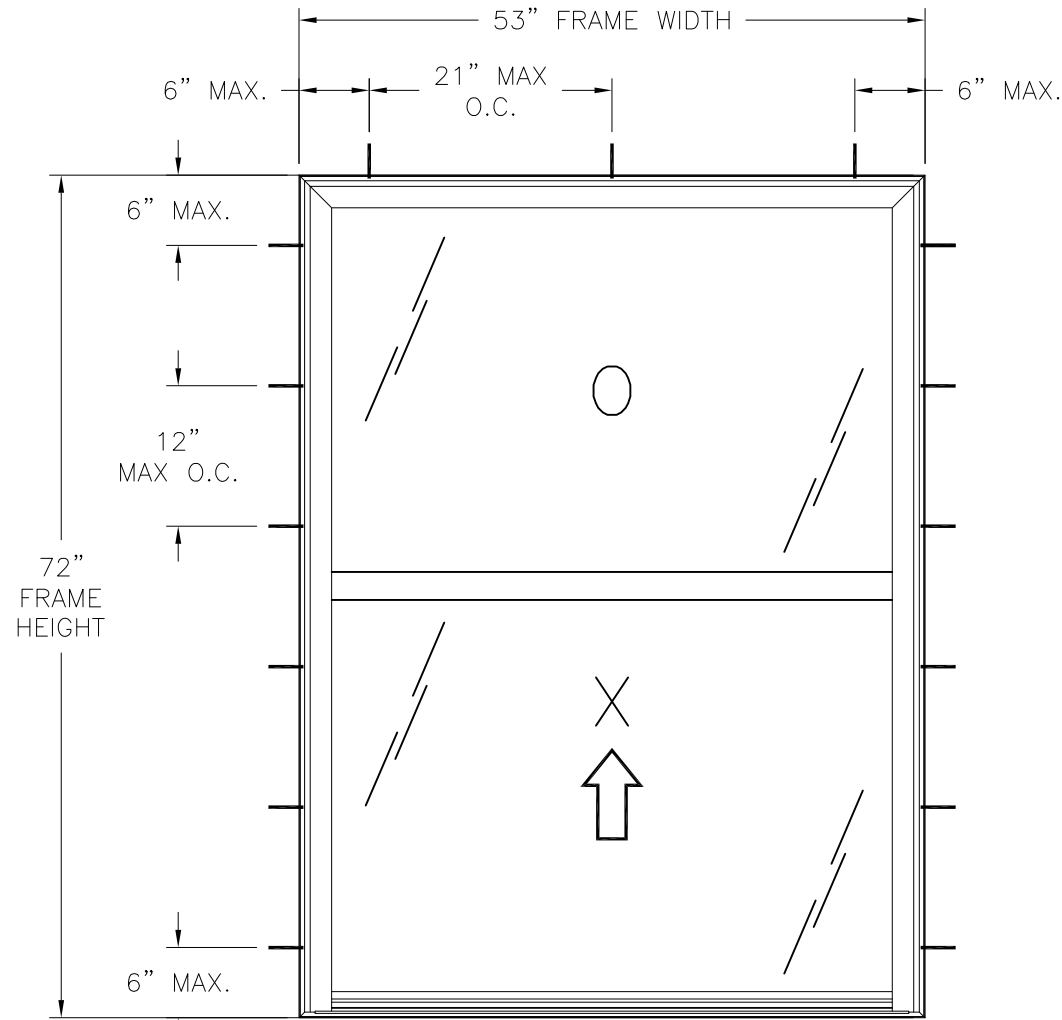
SHEET 1 OF 6

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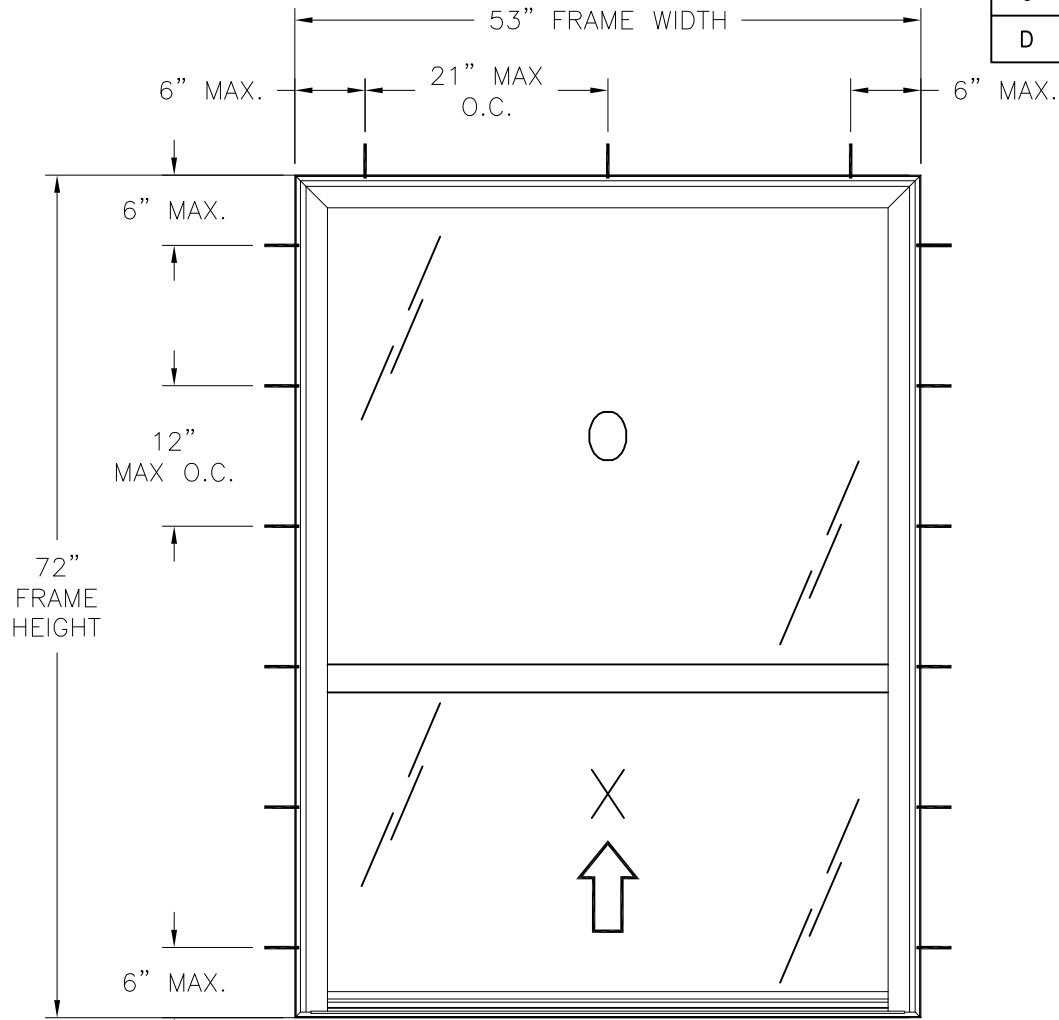
SIGNED: 04/02/2026

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

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SERIES 2461 SINGLE HUNG EQUAL WINDOW
EXTERIOR VIEW



SERIES 2461 SINGLE HUNG ORIEL WINDOW
EXTERIOR VIEW

NOTES:

1. EQUAL SASH SIZE: 51" X 34-1/2"
2. EQUAL UNIT D.L.O.: 48-1/8" X 32-5/8"
3. ORIEL SASH SIZE: 51" x 29"
4. ORIEL SASH D.L.O.: 48-1/8" X 27-1/8"
5. ORIEL FIXED D.L.O.: 48-1/8" X 41-1/8"

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

HARDWARE SCHEDULE

A.	(2) BSI SPRING LOADED BALANCE SYSTEM AT EACH FRAME JAMB
B.	(2) METAL TILT LATCH SPRING LOADED, 1 1/2" C/L FROM EACH TOP RAIL CORNER
C.	(2) ALUMINUM IMPACT CLIP REINFORCEMENTS, 1 1/2" C/L FROM EACH SASH TOP RAIL CORNER UNDER METALIC TILT LATCH
D.	(2) CAST CAM LOCKS, 8" C/L FROM EACH JAMB CORNER ON SASH TOP RAIL LOCKING INTO KEEPERS IN FIXED MEETING RAIL
E.	ALUMINUM REINFORCEMENT (10300082) AT EACH ACTIVE SASH STILES AND RAILS
F.	ALUMINUM REINFORCEMENT (10300084) AT MEETING RAIL



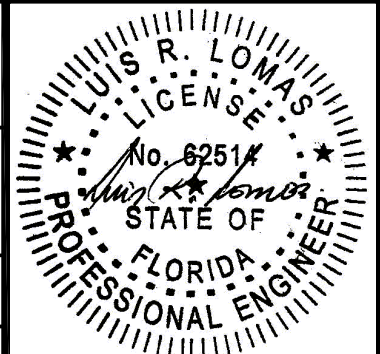
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

**SERIES 2461 VINYL LEG FRAME IMPACT
SINGLE HUNG WINDOW – 53" X 72"
ELEVATIONS**

DRAWN: A.M.	DWG NO. 08-00564	REV D
SCALE NTS	DATE 08/20/14	SHEET 2 OF 6

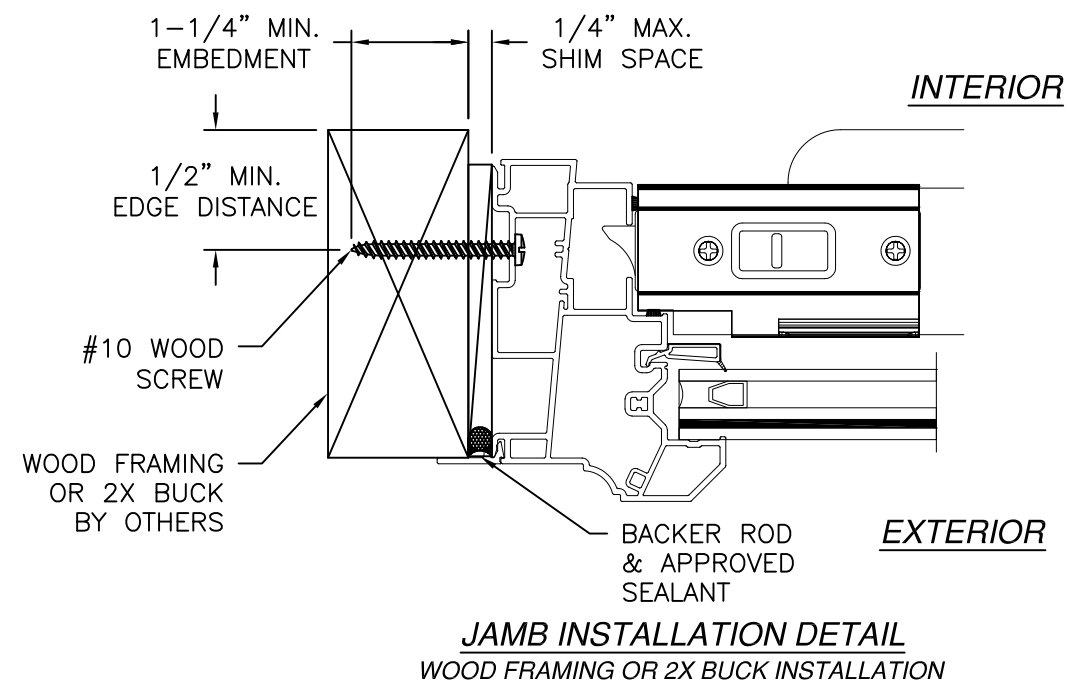
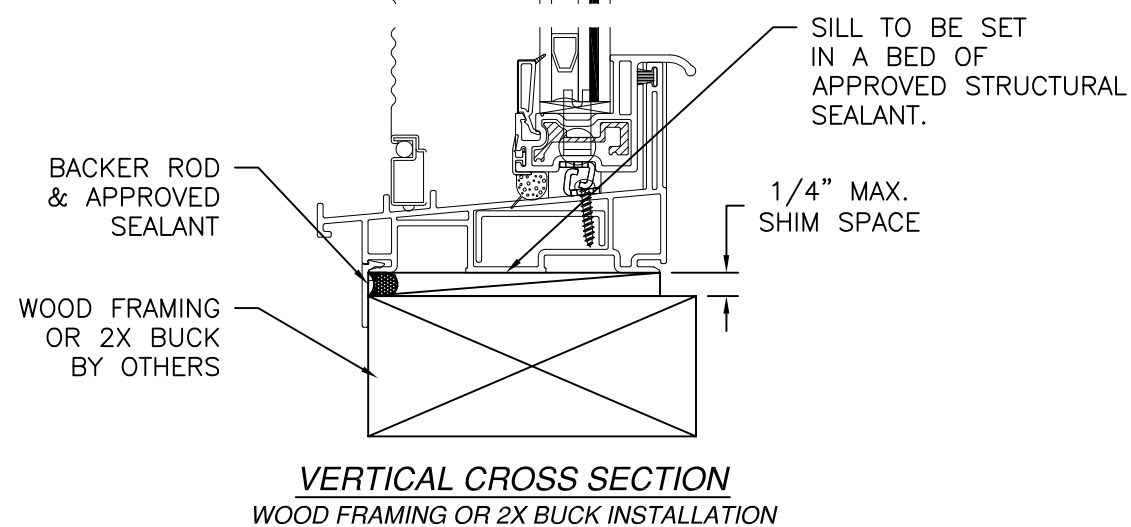
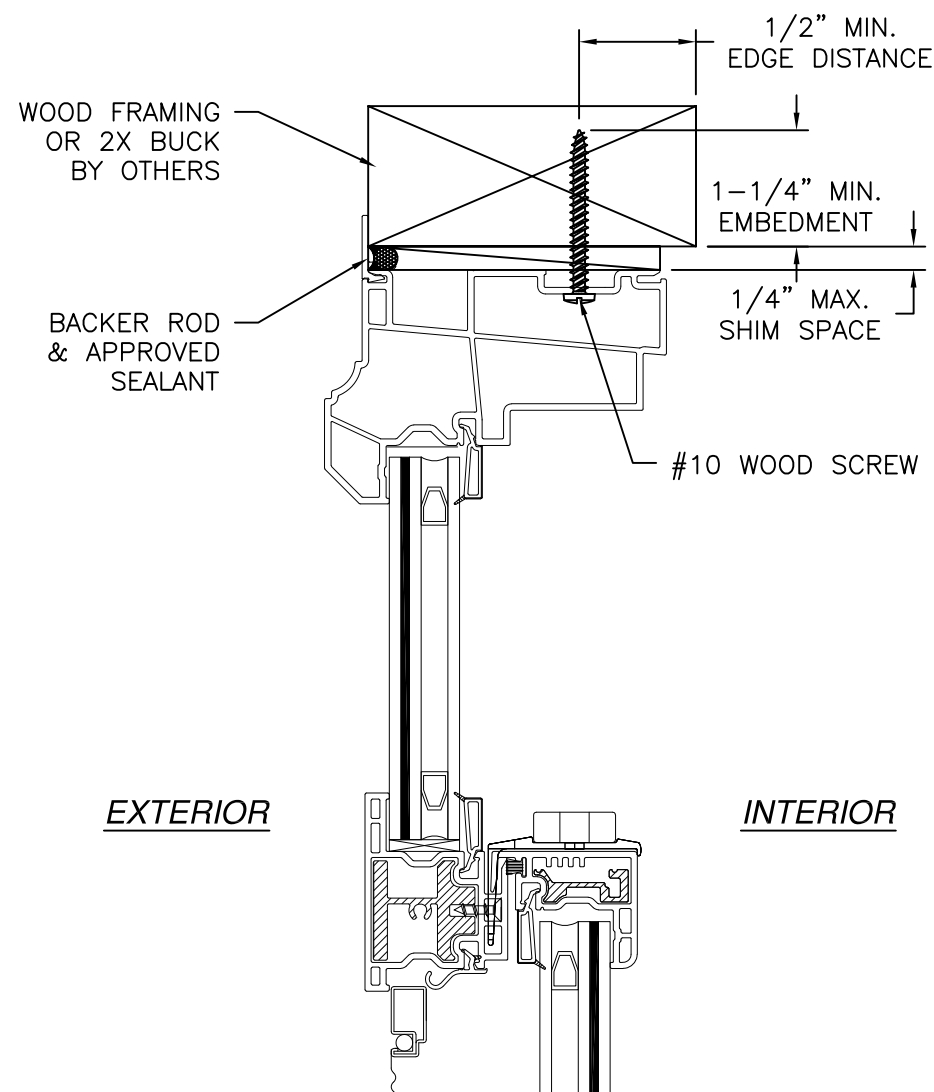
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NOTES:
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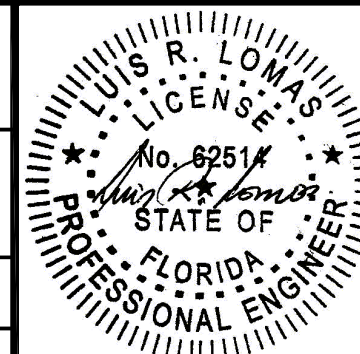
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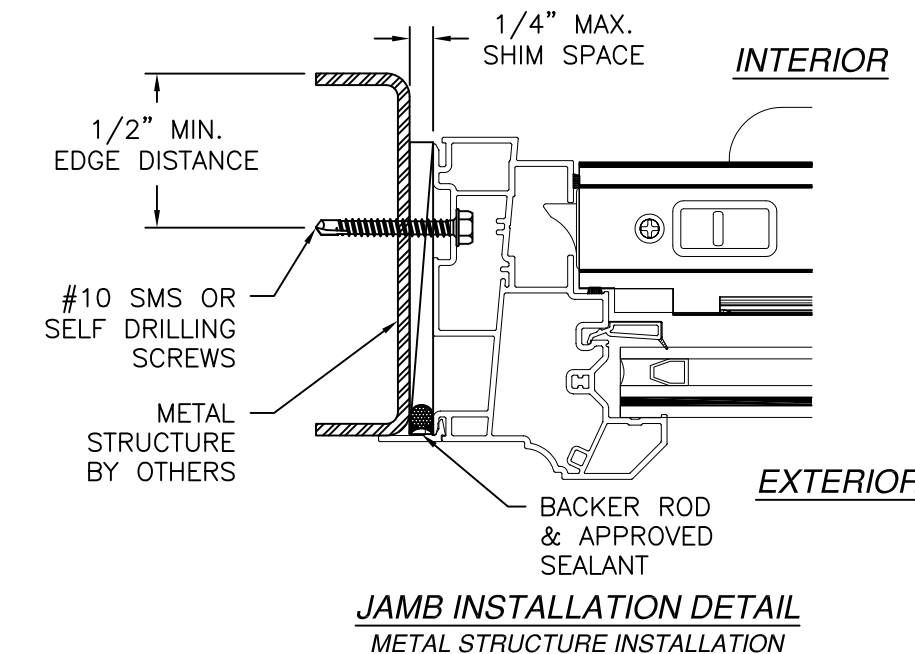
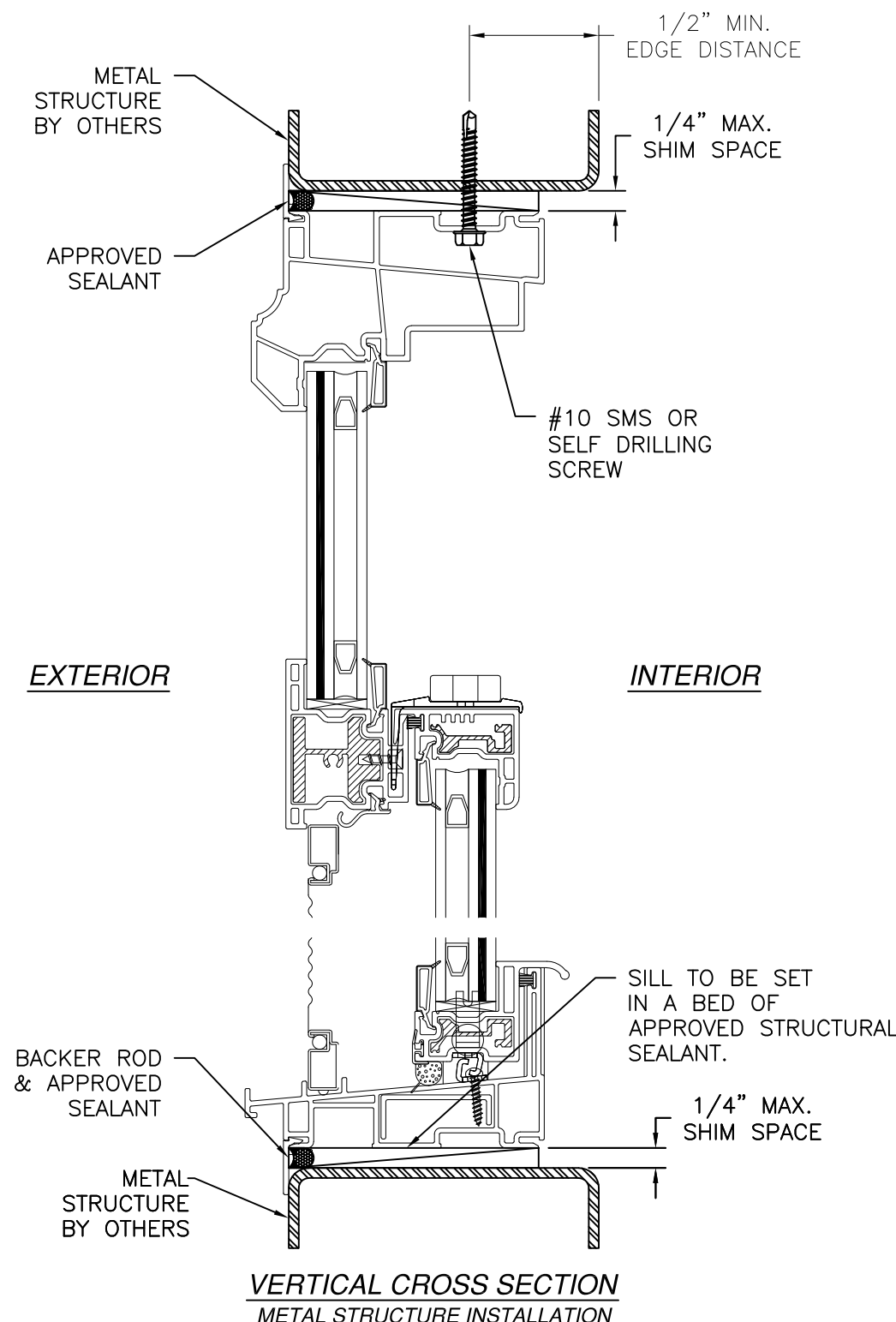
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SINGLE HUNG WINDOW – 53" X 72"
INSTALLATION DETAILS**

DRAWN: A.M.	DWG NO. 08-00564	REV D
SCALE NTS	DATE 08/20/14	SHEET 3 OF 6
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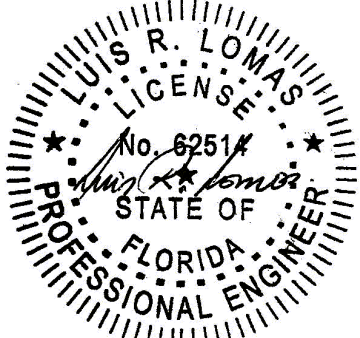
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 SINGLE HUNG WINDOW – 53" X 72"
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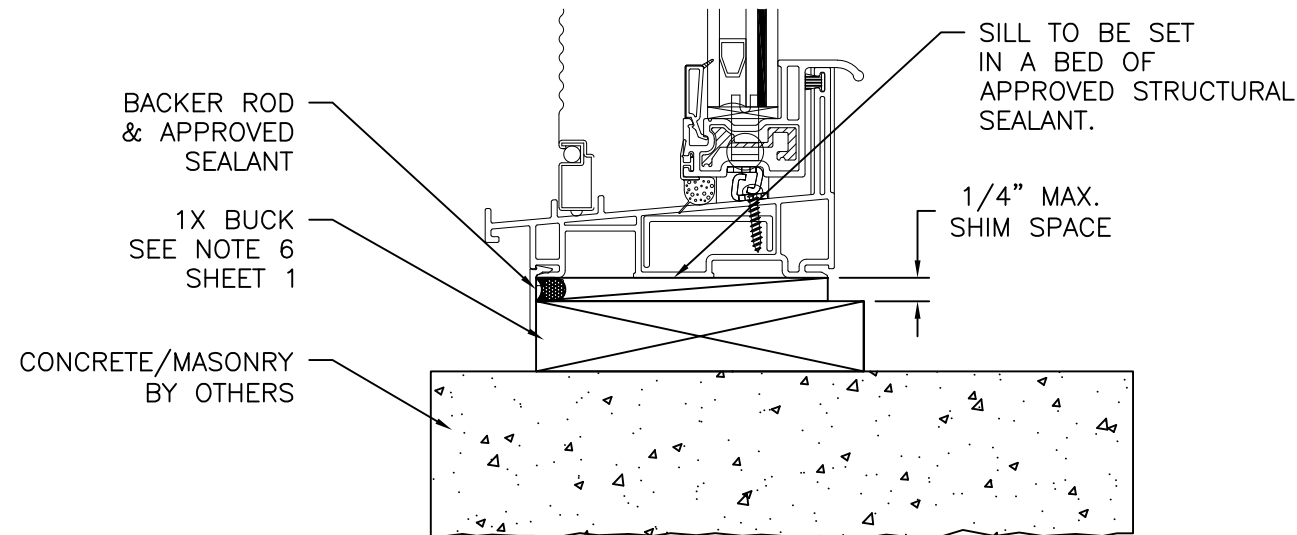
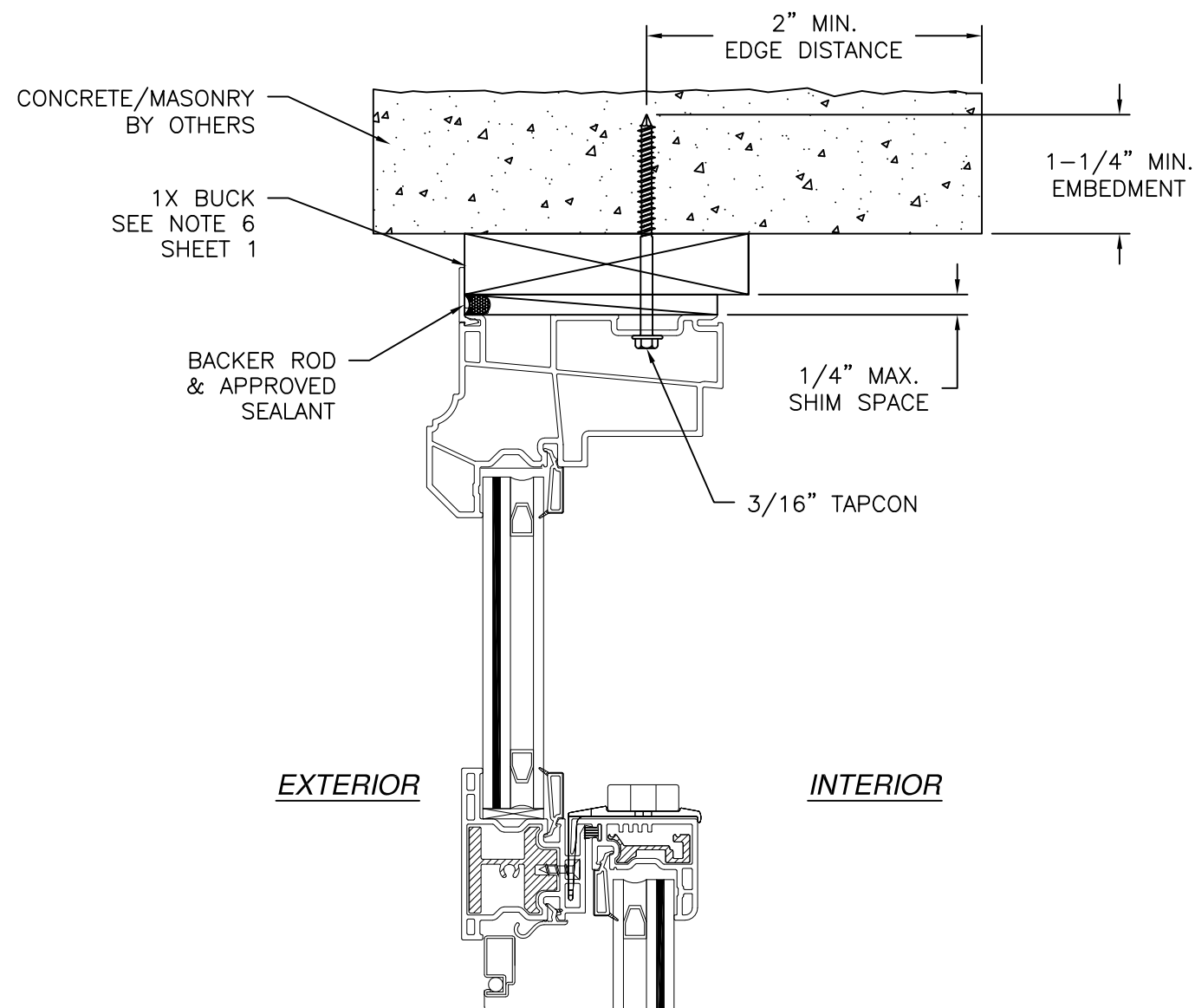
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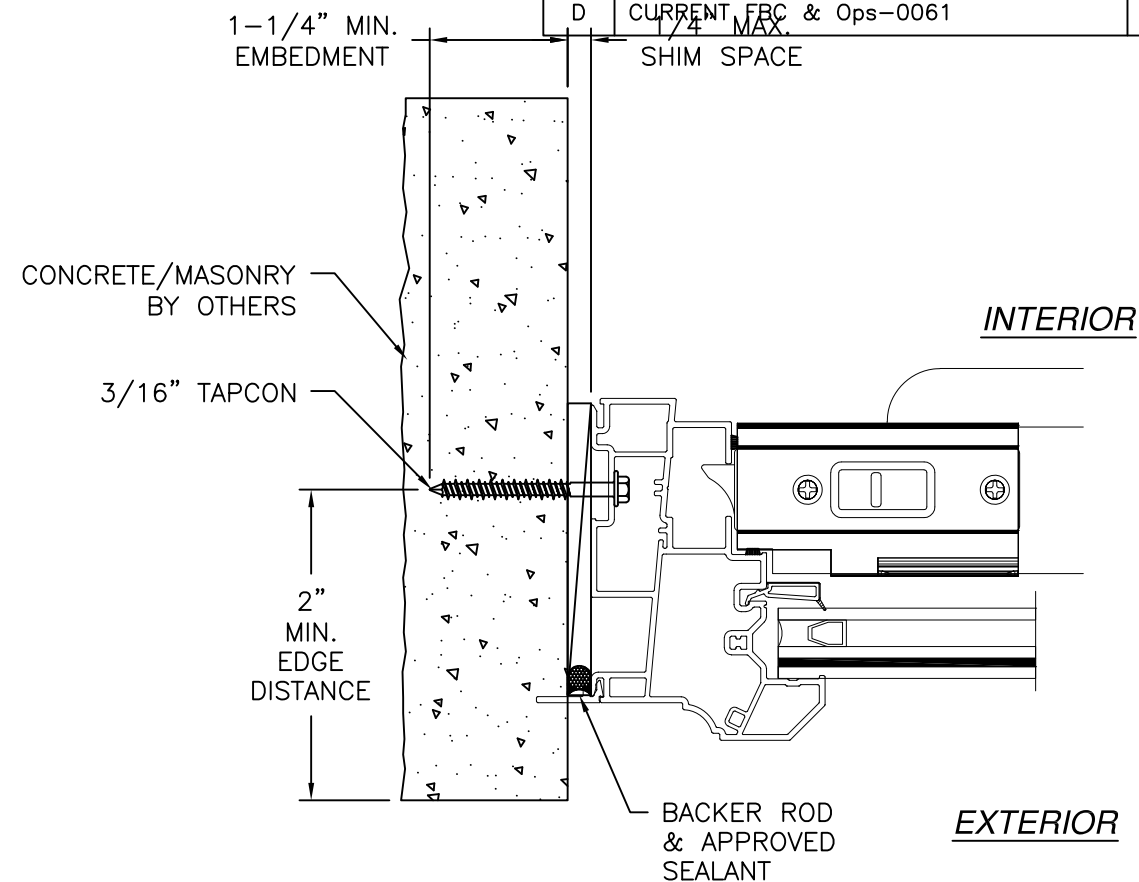


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VERTICAL CROSS SECTION
 CONCRETE/MASONRY INSTALLATION WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO JAMB
 INSTALLATION DETAILS

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

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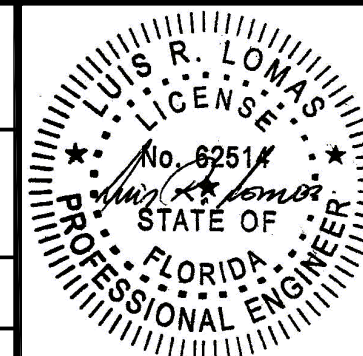


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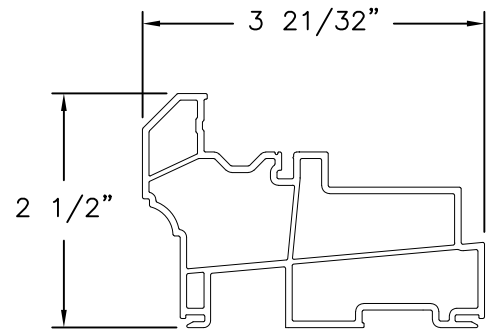
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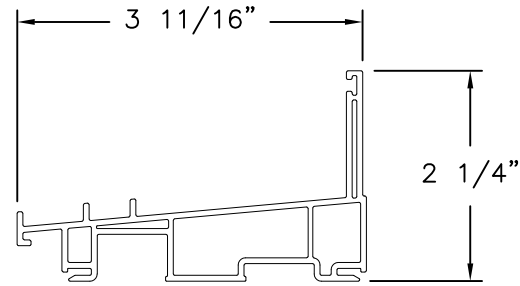
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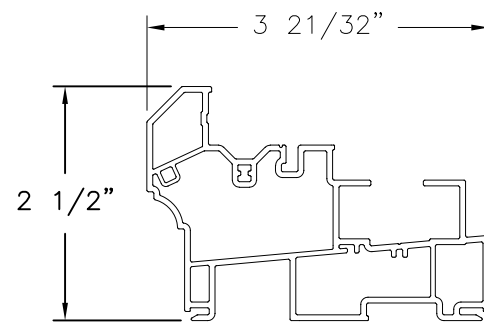
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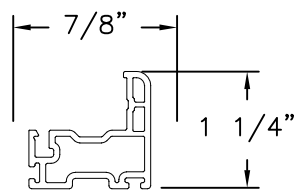
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VINYL PVC



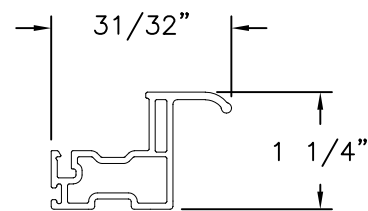
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VINYL PVC



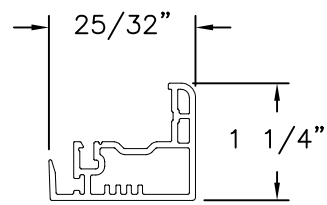
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VINYL PVC



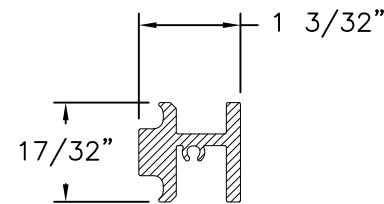
STILE (10008842)
VINYL PVC



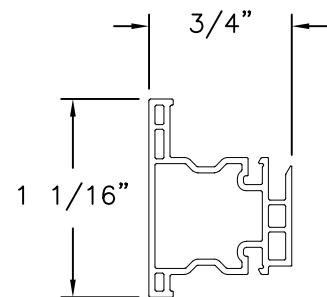
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VINYL PVC



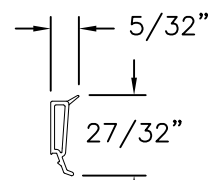
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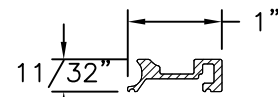
REINFORCEMENT (10300084)
ALUMINUM 6063-T5



MEETING RAIL (10008511)
VINYL PVC

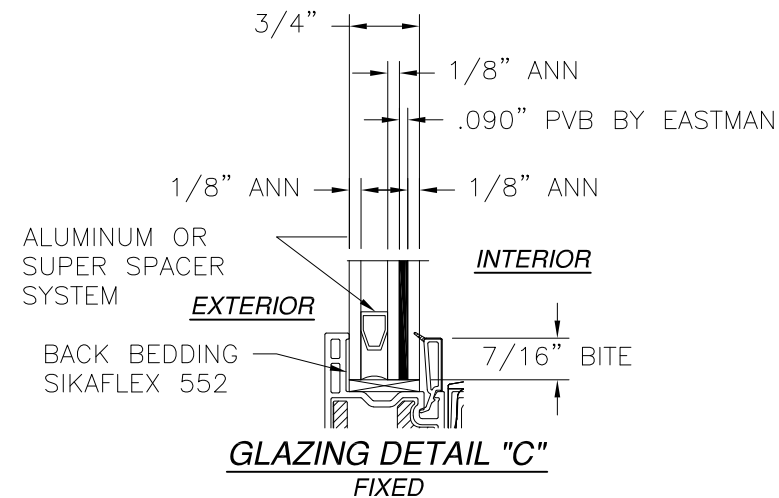
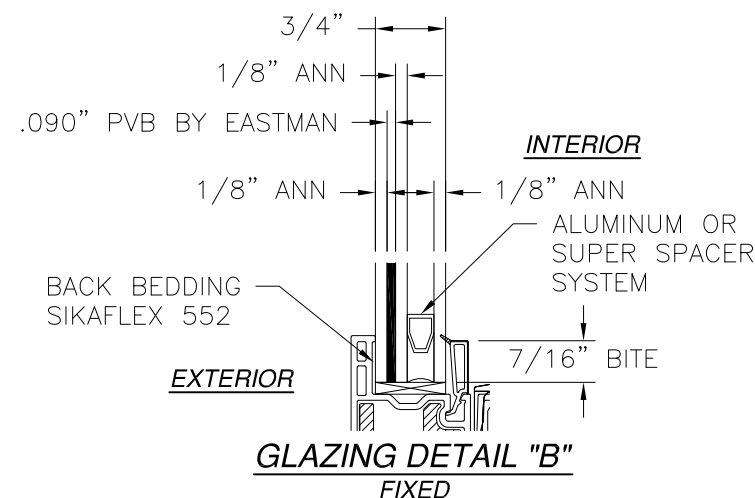
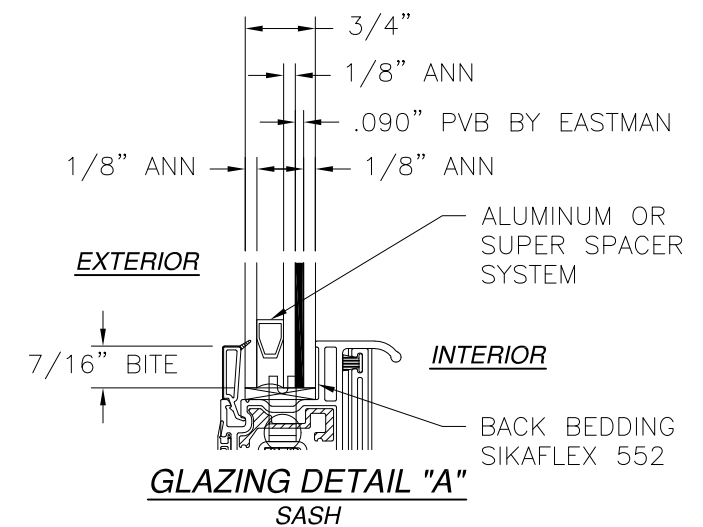


GLAZING BEAD (10005470)
VINYL PVC



REINFORCEMENT (10300082)
ALUMINUM 6063-T5

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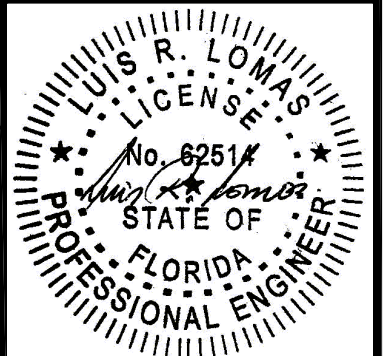
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08/20/14

SHEET

6 OF 6

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