

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW TESTING	02/23/15	R.L.
B	ADDED FIN INSTALLATION	08/21/19	R.L.
C	EC 25-042 ADDED SIZE	07/31/25	LMH

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.
4. 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.
5. 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.
6. 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.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN 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.

15. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1-3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. 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.
17. 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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 .048" THICK MINIMUM
20. APPROVED CONFIGURATIONS: XO, OX.
21. UNITS MAY BE INSTALLED WITH OR WITHOUT FLANGE.

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

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

143 SERIES 3241 HR PVC HORIZ SLIDING WINDOW
NON-IMPACT
NOTES

DRAWN: TJH

DWG NO. 08-01214

REV C

SCALE NTS

DATE 01/29/10

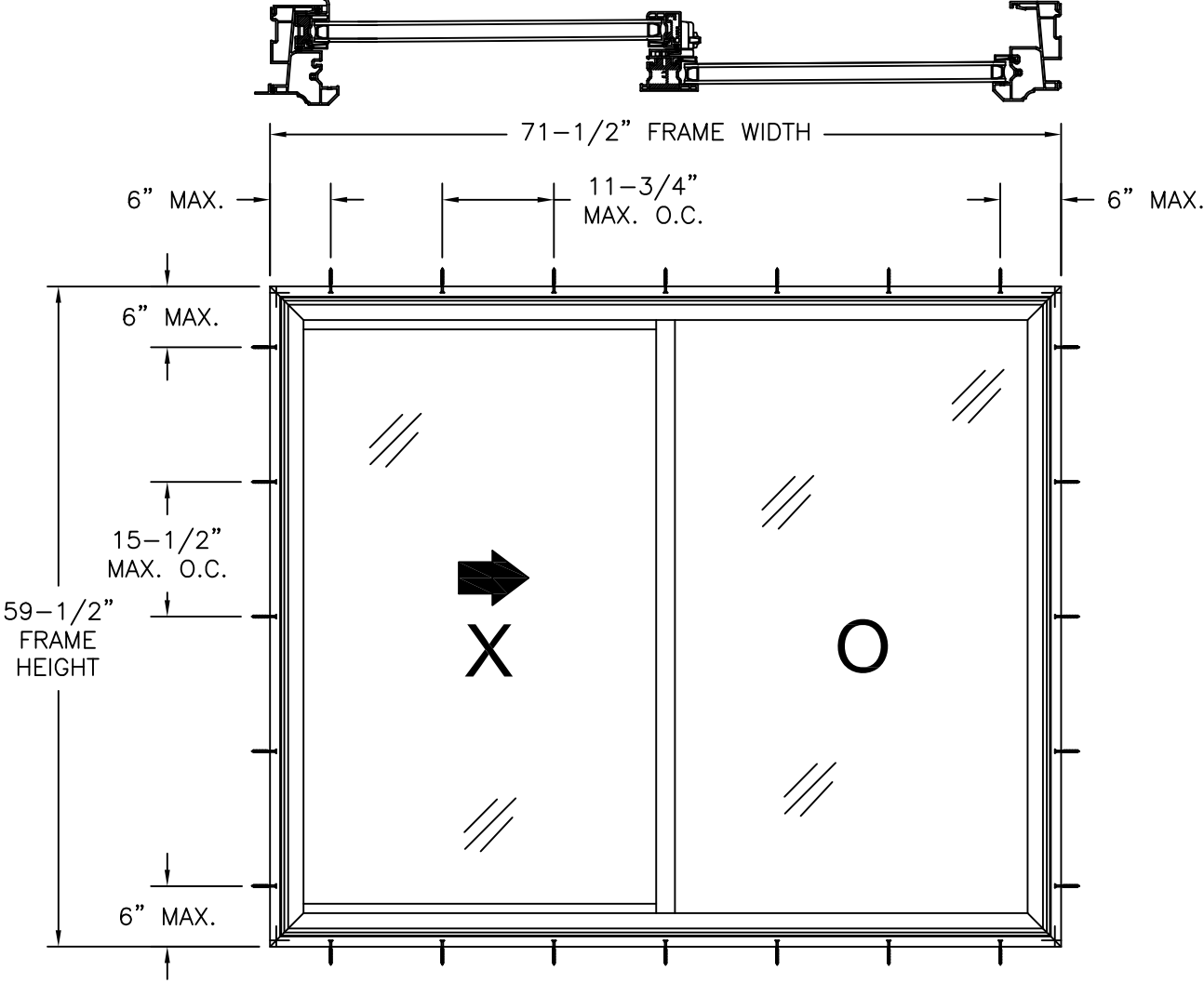
SHEET 1 OF 8

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/18/2025

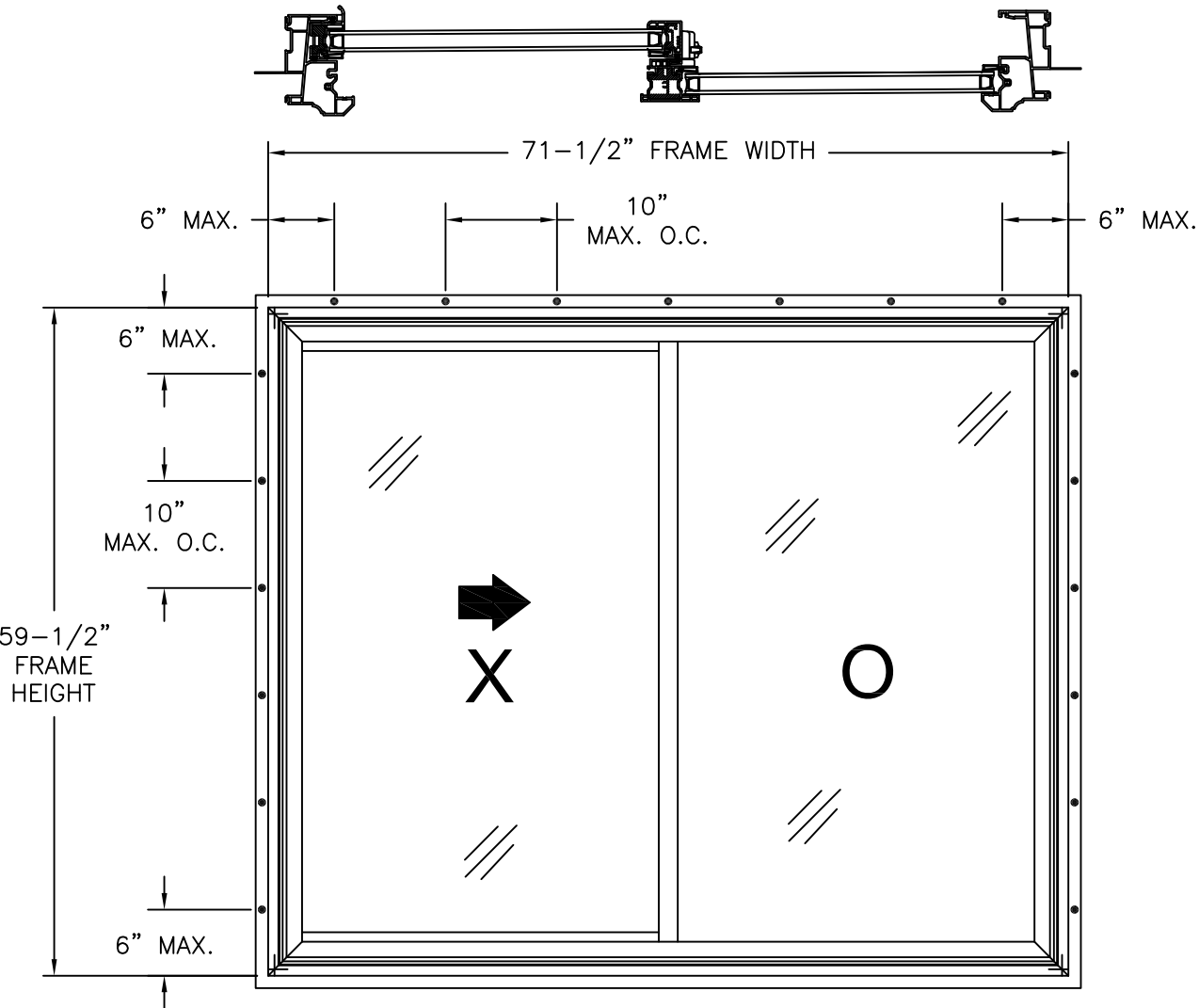
Luis R. Lomas P.E.
FL No.: 62514

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SERIES 3241 HORIZONTAL SLIDING WINDOW

EXTERIOR VIEW
FRAME INSTALLATION



SERIES 3241 HORIZONTAL SLIDING WINDOW

EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

NOTES:

1. SASH SIZE: 35" X 56"
2. D.L.O.: 32-1/2" X 54-1/2"
3. (8) 3/8" x 3/16" WEEP SLOT 3" FROM EACH CORNER AT BOTTOM RAIL AND GLAZING POCKET
4. (2) 1" X 3/16" WEEP SLOT AT EACH END OF SILL INTERMEDIATE LEG
5. (2) 3/8" X 1/8" WEEP SLOT 3-1/2" FORM EACH CORNER OF EXTERIOR SILL TRACK
6. (4) 1" X 1/8" WEEP SLOT 3" FROM EACH CORNER OF EXTERIOR SILL TRACK
7. (2) 1-1/4" X 1/4" WEEP SLOT W/FLAP 3" FROM EACH CORNER OF EXTERIOR SILL FACE.

HARDWARE SCHEDULE

A.	(2) METAL CAM LOCK AT 8" FROM EACH END OF LOCK STILE
B.	(2) METAL ROLLER AT EACH END OF BOTTOM RAIL
C.	ALUMINUM REINFORCEMENT (10300084) AT FIXED MEETING STILE
D.	ALUMINUM REINFORCEMENT (10300082) AT LOCK STILE, TOP AND BOTTOM RAIL
E.	ALUMINUM REINFORCEMENT (10300207) AT JAMB STILE

FL 14610



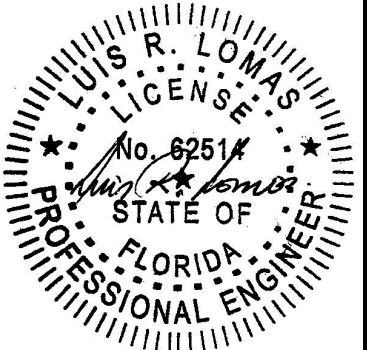
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

143 SERIES 3241 HR PVC HORIZ SLIDING WINDOW
NON-IMPACT
ELEVATION

DRAWN: TJH	DWG NO. 08-01214	REV C
SCALE NTS	DATE 01/29/10	SHEET 2 OF 8

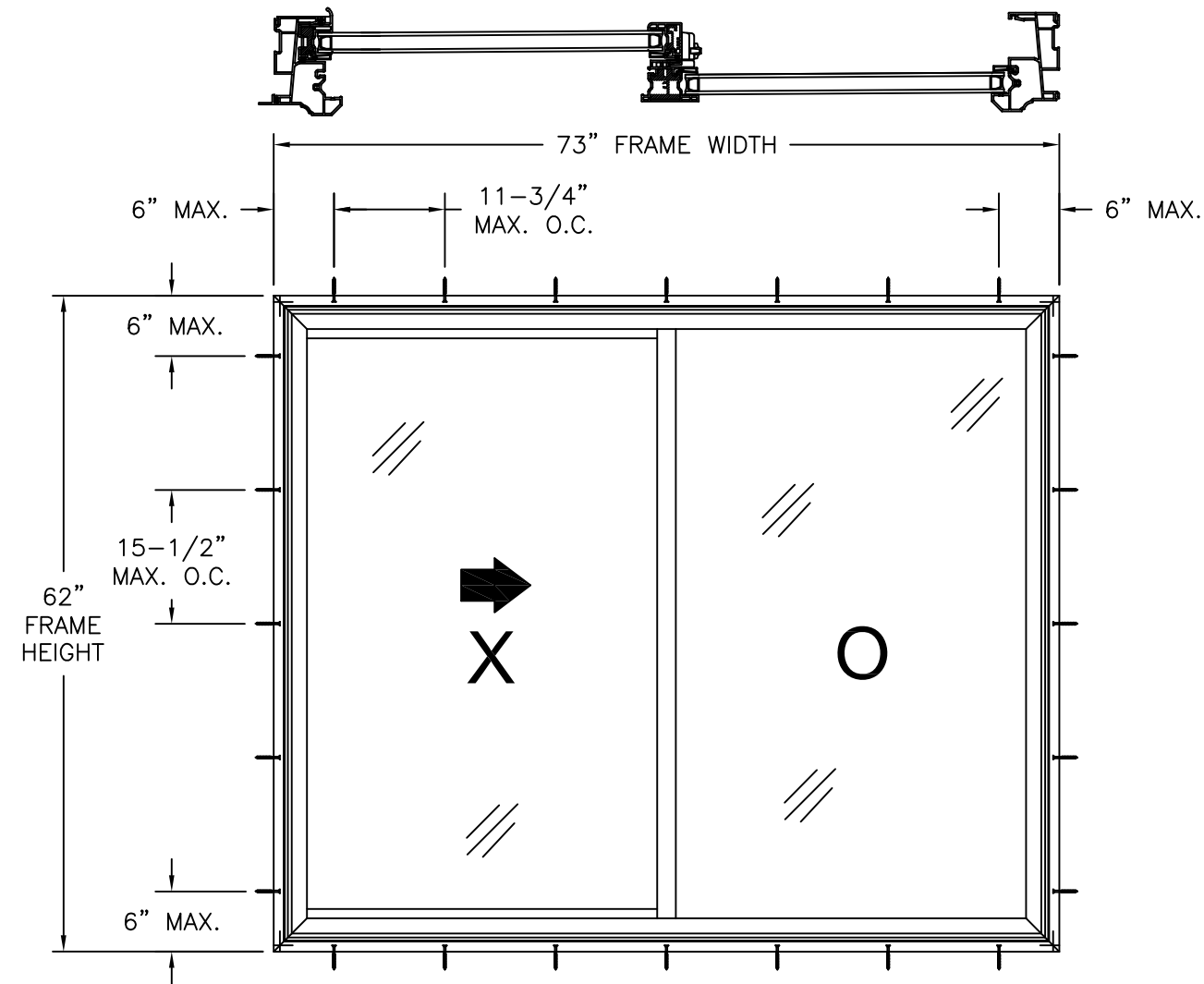
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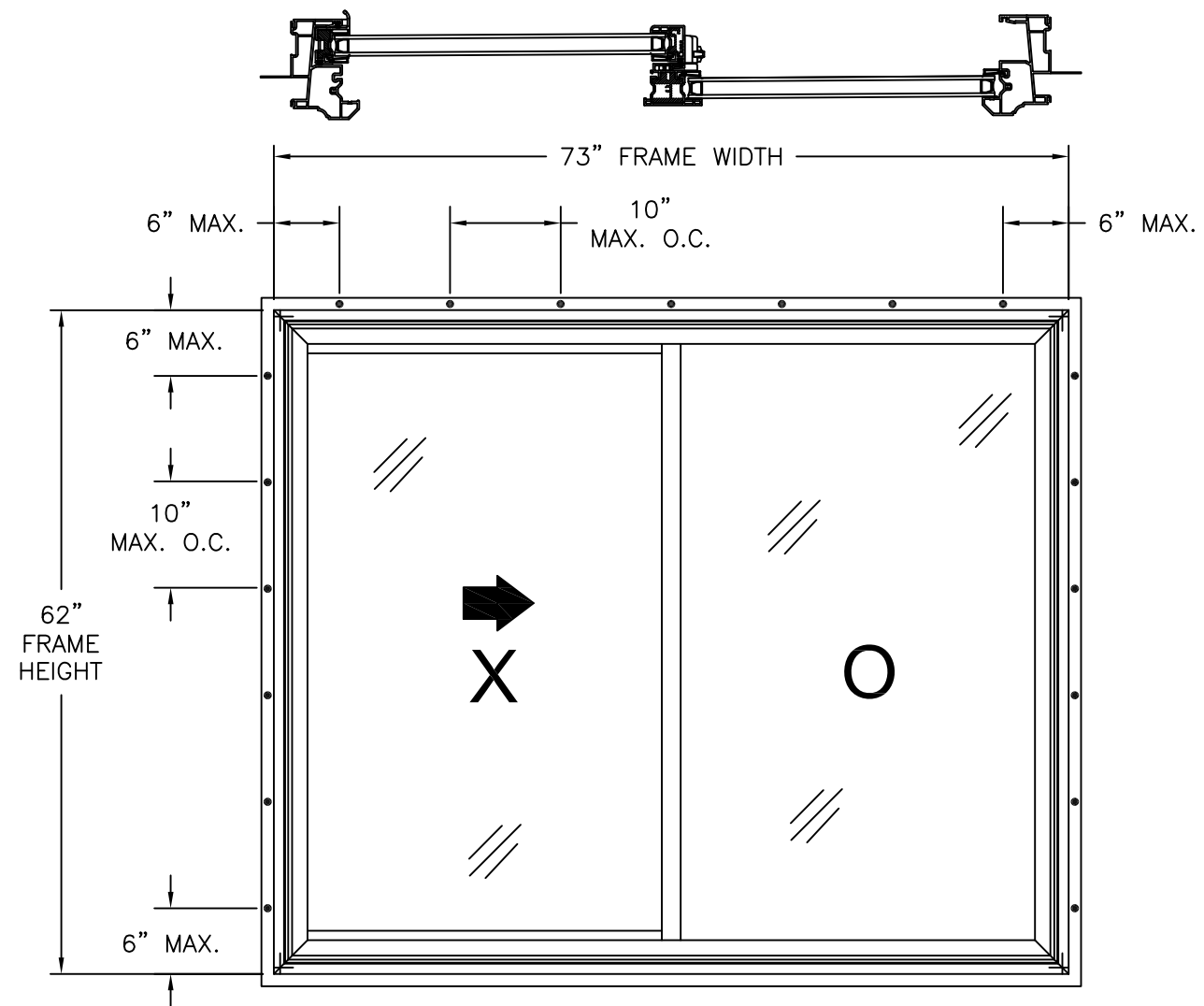
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SERIES 3241 HORIZONTAL SLIDING WINDOW

EXTERIOR VIEW
FRAME INSTALLATION



SERIES 3241 HORIZONTAL SLIDING WINDOW

EXTERIOR VIEW
FIN INSTALLATION

NOTES:

1. SASH SIZE: 36-1/2" X 60-3/4"
2. D.L.O.: 33-3/16" X 57"
3. (8) 3/8" x 3/16" WEEP SLOT 3" FROM EACH CORNER AT BOTTOM RAIL AND GLAZING POCKET
4. (2) 1" X 3/16" WEEP SLOT AT EACH END OF SILL INTERMEDIATE LEG
5. (2) 3/8" X 1/8" WEEP SLOT 3-1/2" FORM EACH CORNER OF EXTERIOR SILL TRACK
6. (4) 1" X 1/8" WEEP SLOT 3" FROM EACH CORNER OF EXTERIOR SILL TRACK
7. (2) 1-1/4" X 1/4" WEEP SLOT W/FLAP 3" FROM EACH CORNER OF EXTERIOR SILL FACE.

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

HARDWARE SCHEDULE

A.	(2) METAL CAM LOCK AT 8" FROM EACH END OF LOCK STILE
B.	(2) METAL ROLLER AT EACH END OF BOTTOM RAIL
C.	ALUMINUM REINFORCEMENT (10300084) AT FIXED MEETING STILE
D.	ALUMINUM REINFORCEMENT (10300082) AT LOCK STILE, TOP AND BOTTOM RAIL
E.	ALUMINUM REINFORCEMENT (10300207) AT JAMB STILE



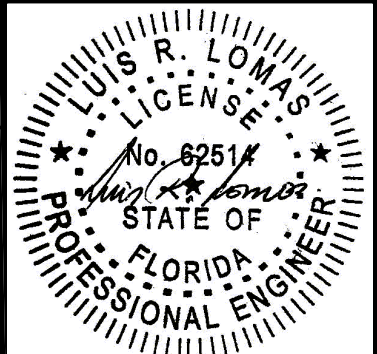
EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
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**143 SERIES 3241 HR PVC HORIZ SLIDING WINDOW
NON-IMPACT
ELEVATION**

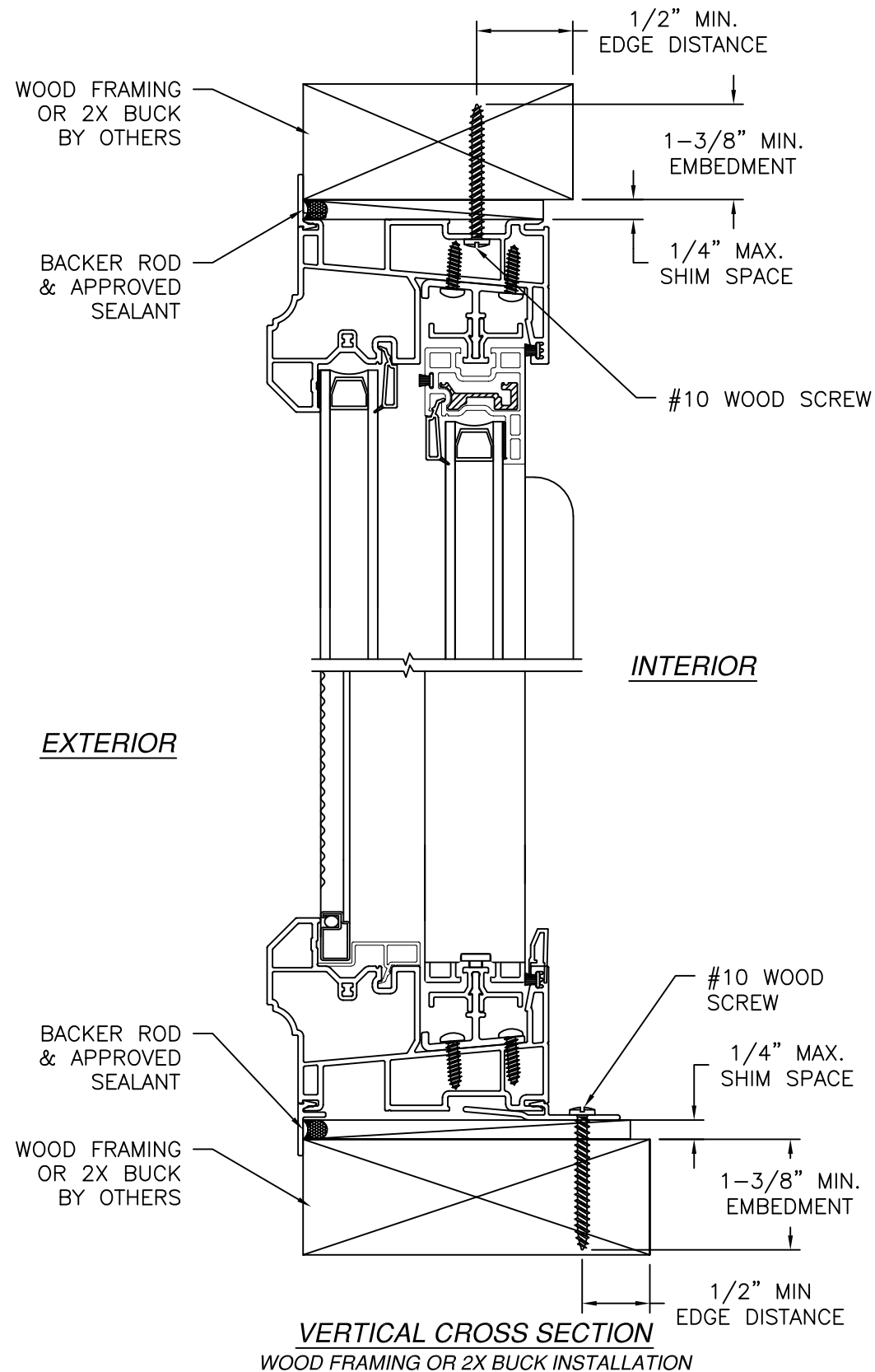
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SCALE NTS	DATE 01/29/10	SHEET 3 OF 8

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SIGNED: 08/18/2025



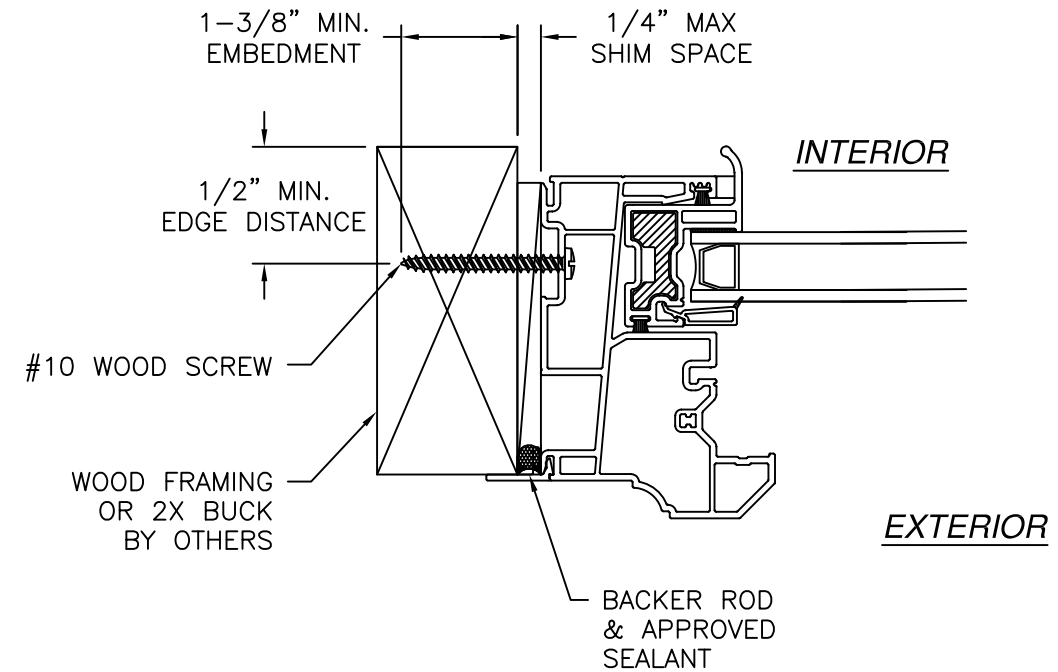
Luis R. Lomas P.E.
FL No.: 62514



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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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

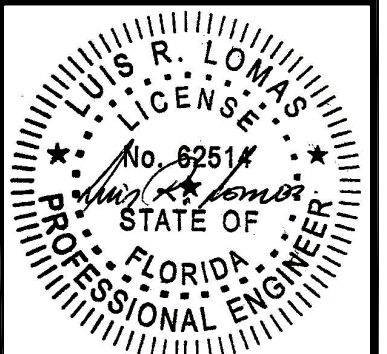
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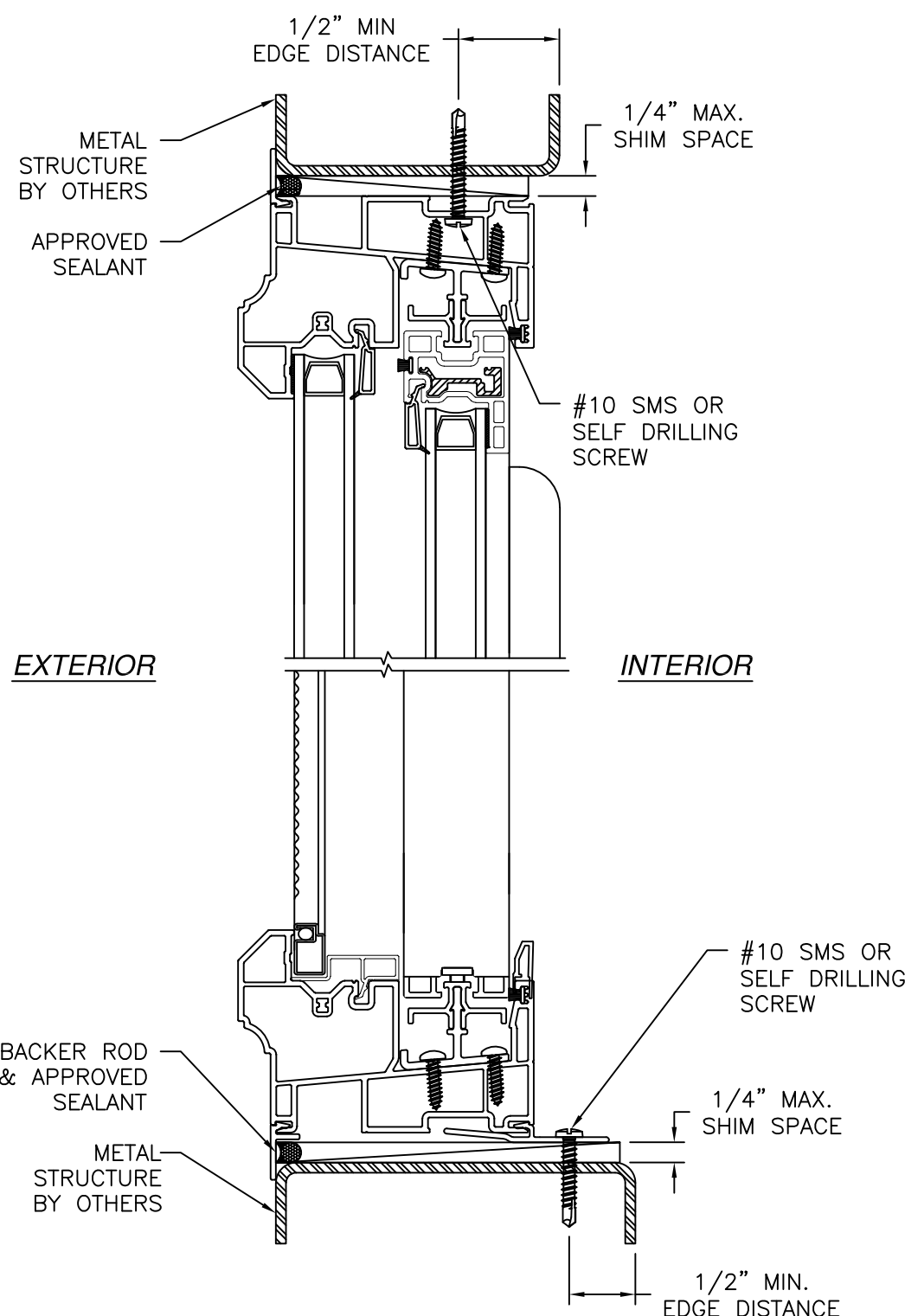
EASTERN ARCHITECTURAL SYSTEMS
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16341 DOMESTIC AVE
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NON-IMPACT
INSTALLATION DETAILS

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SCALE NTS	DATE 01/29/10	SHEET 4 OF 8
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



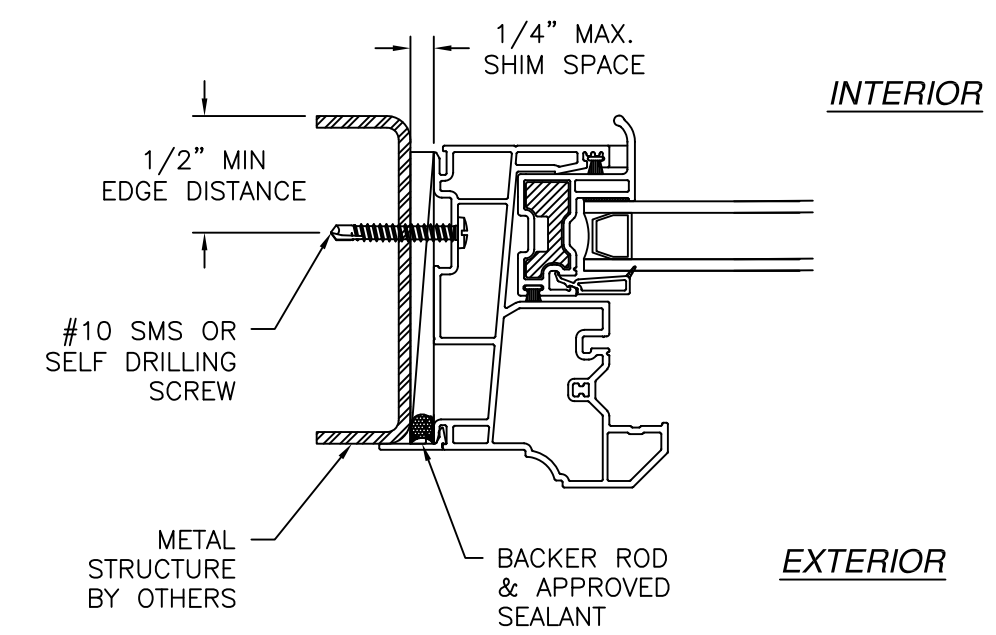
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

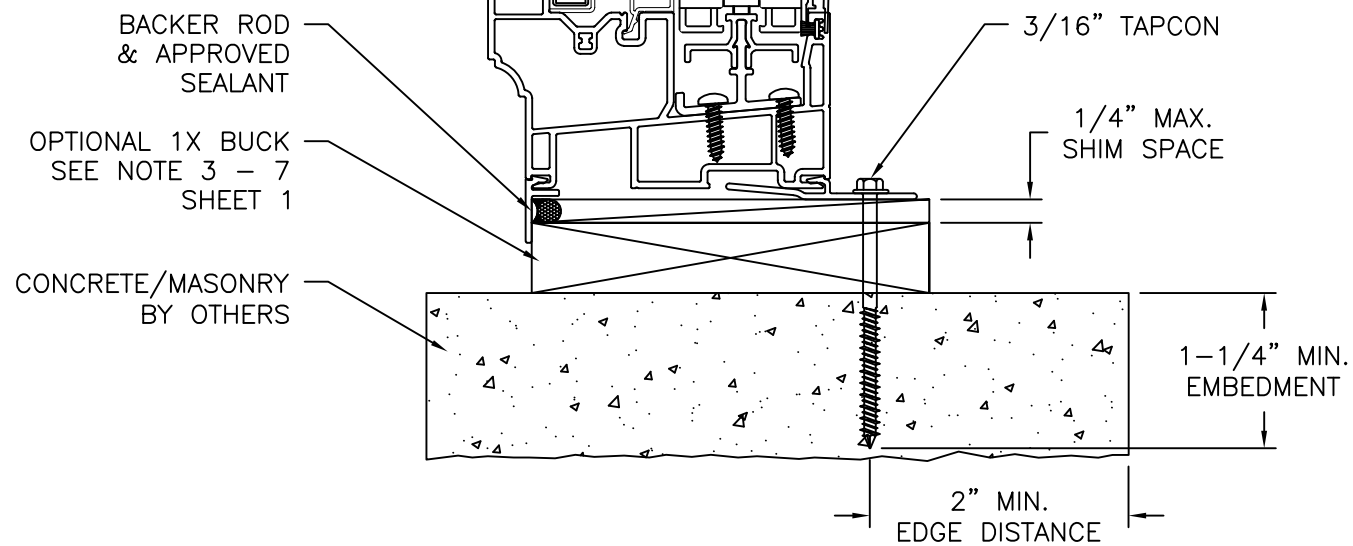
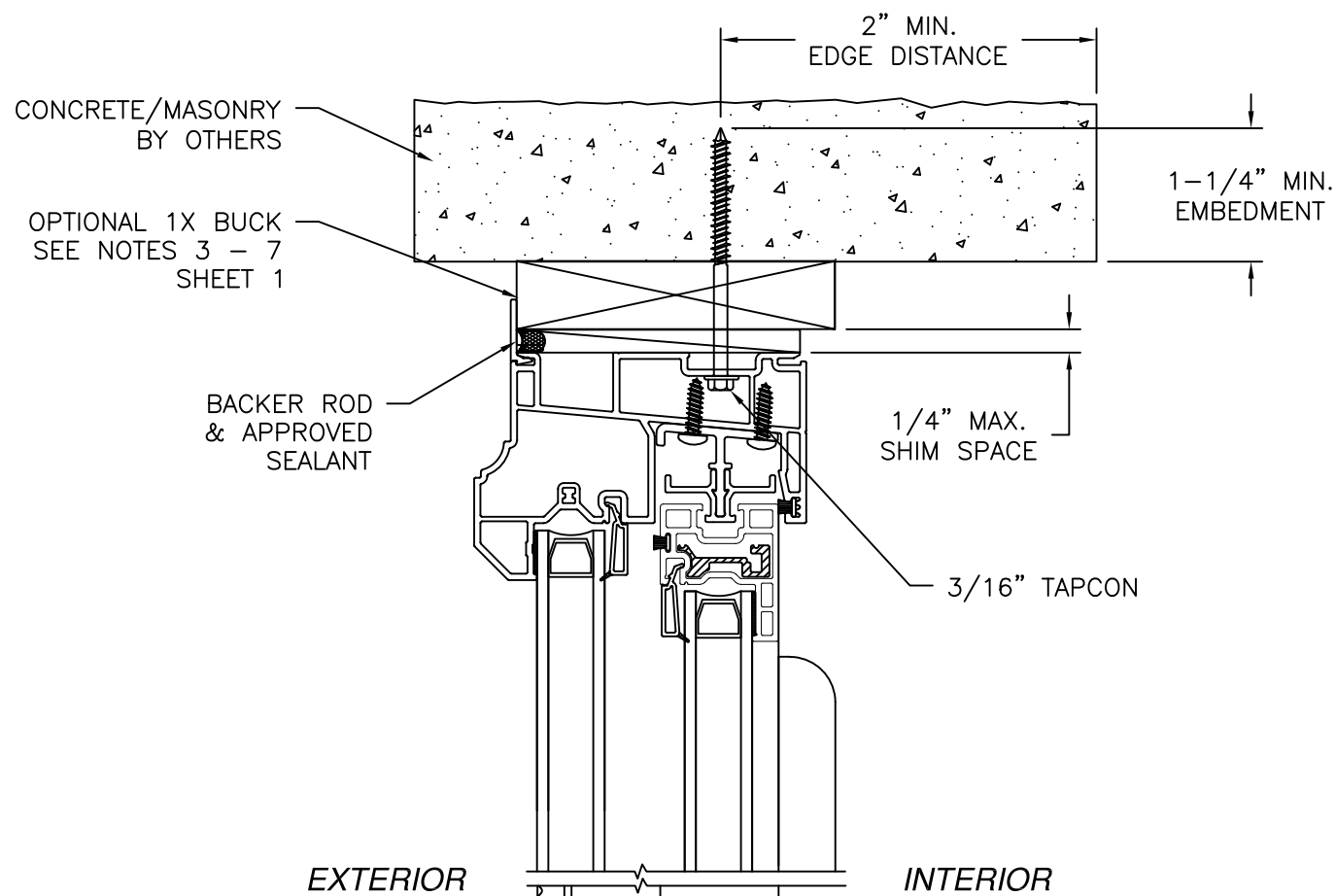
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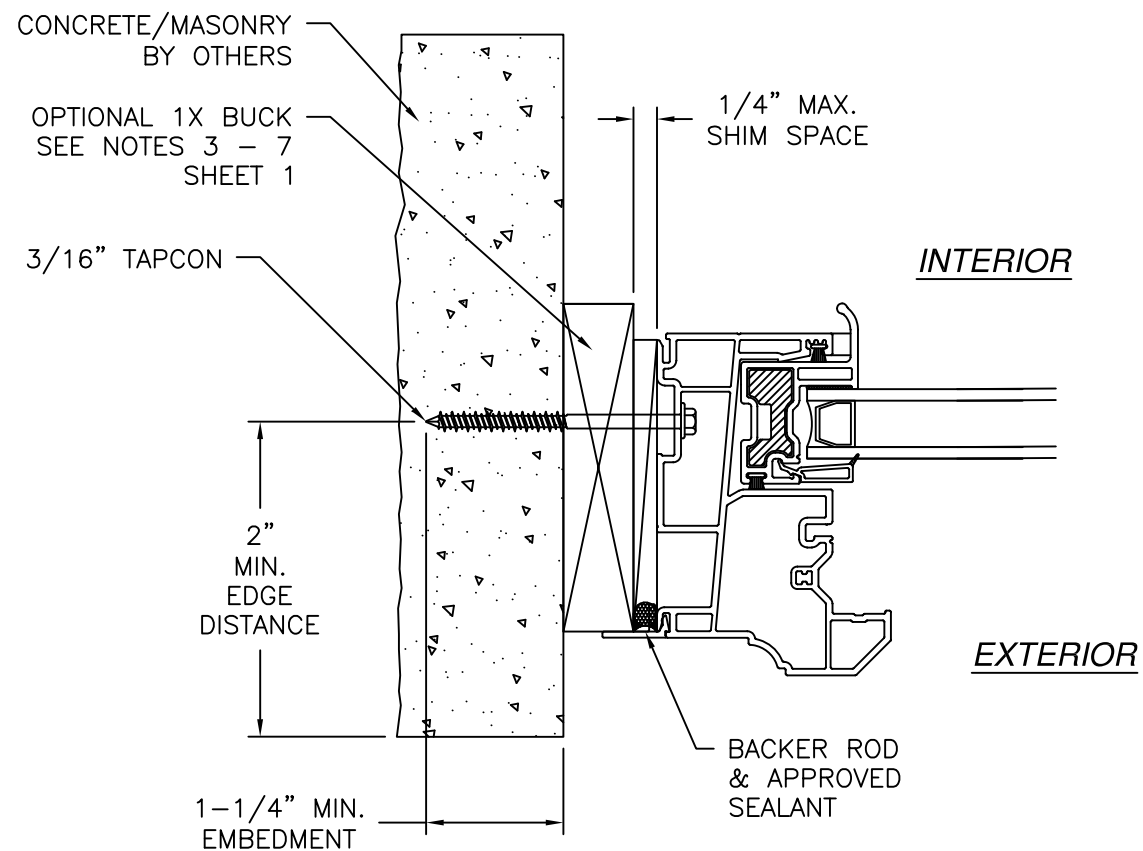
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P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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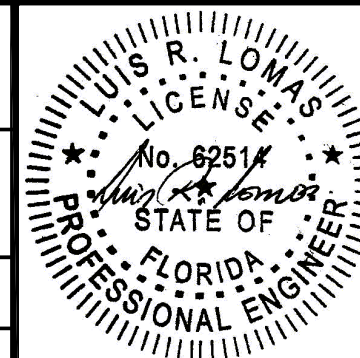


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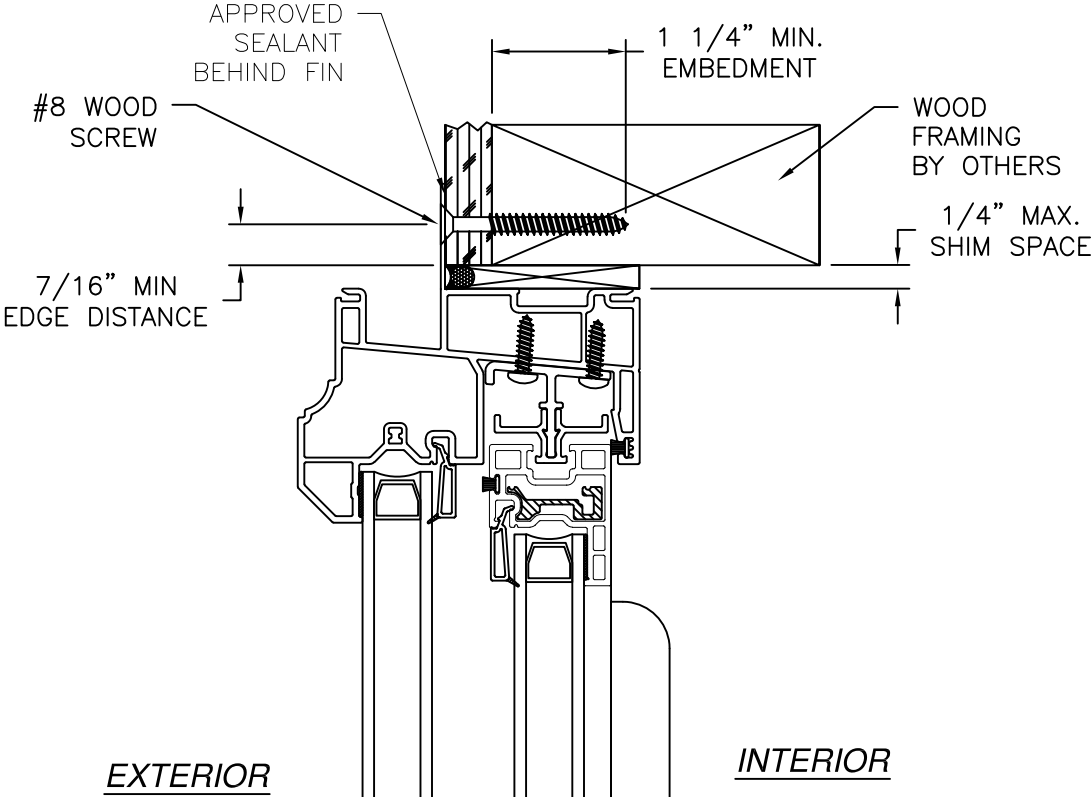
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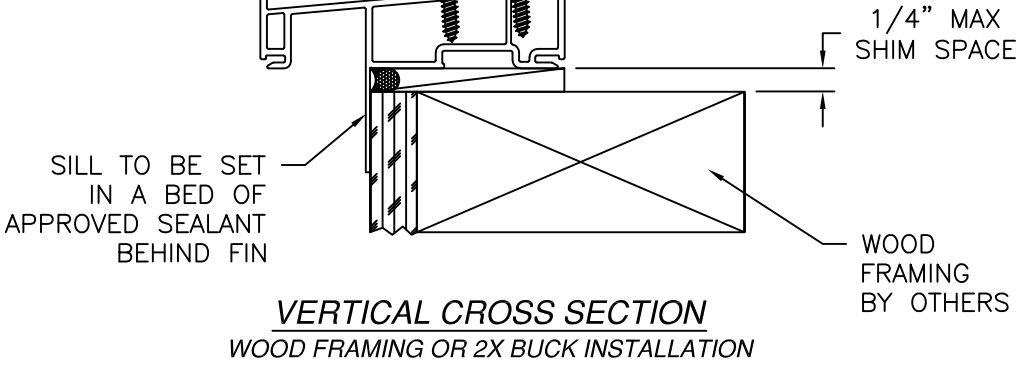
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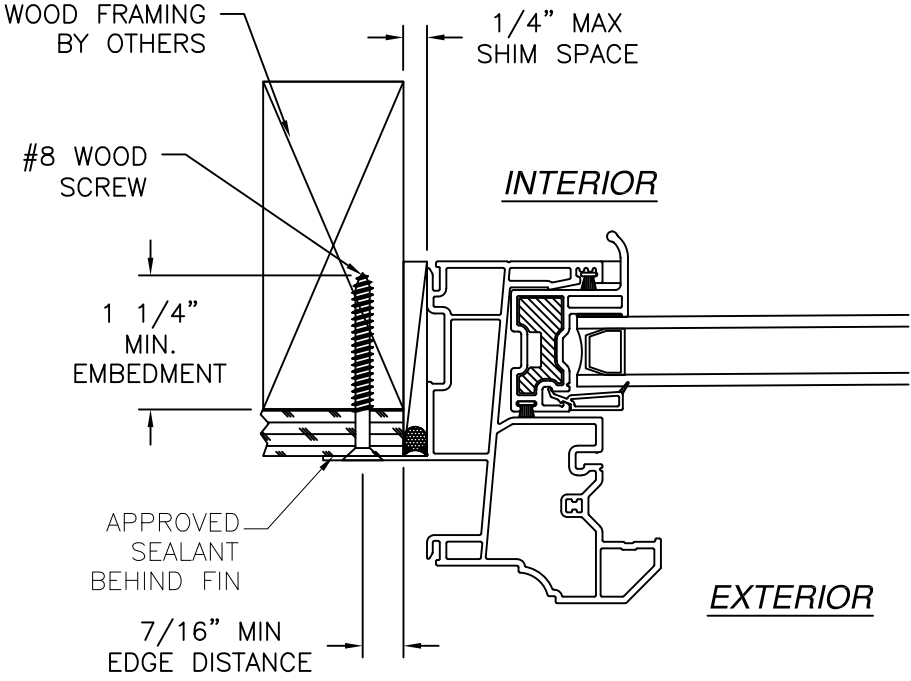


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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EASTERN ARCHITECTURAL SYSTEMS

A DIVISION OF

CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE

FORT MYERS, FL 33912

800-432-2204

143 SERIES 3241 HR PVC HORIZ SLIDING WINDOW

NON-IMPACT

FIN INSTALLATION DETAILS

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DWG NO. 08-01214

REV C

SCALE NTS

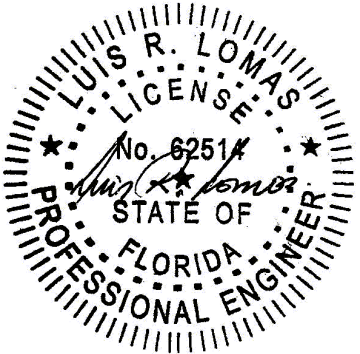
DATE 01/29/10

SHEET 7 OF 8

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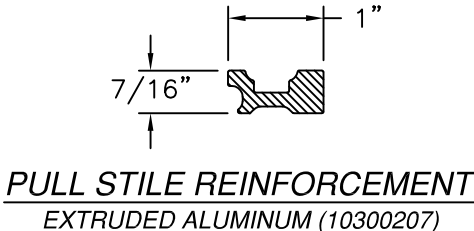
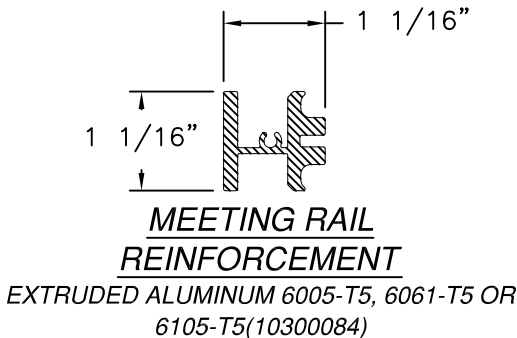
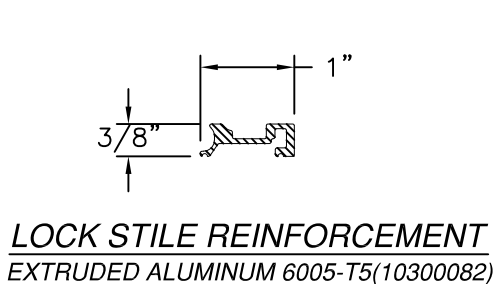
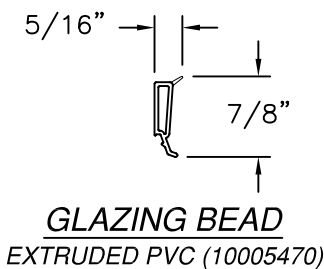
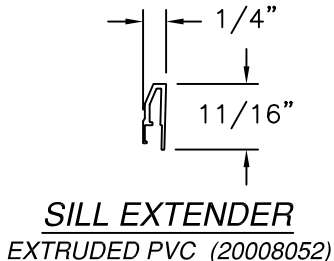
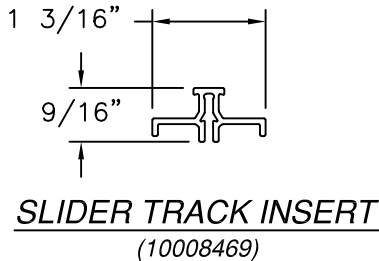
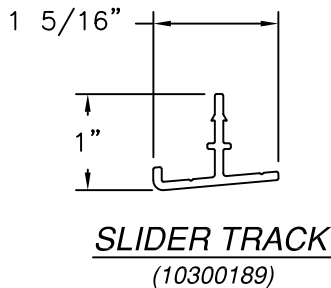
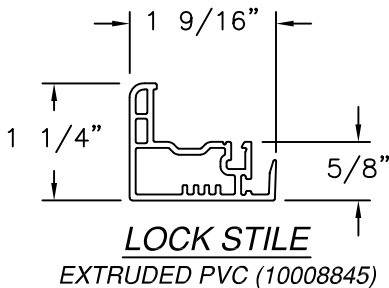
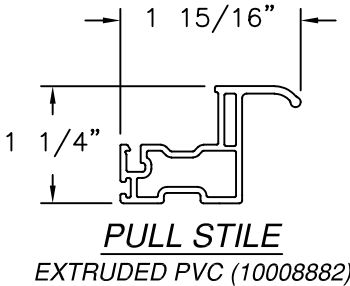
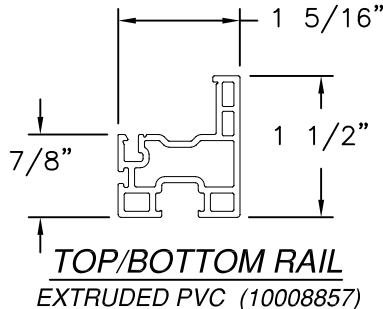
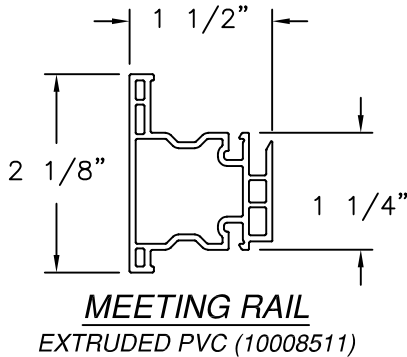
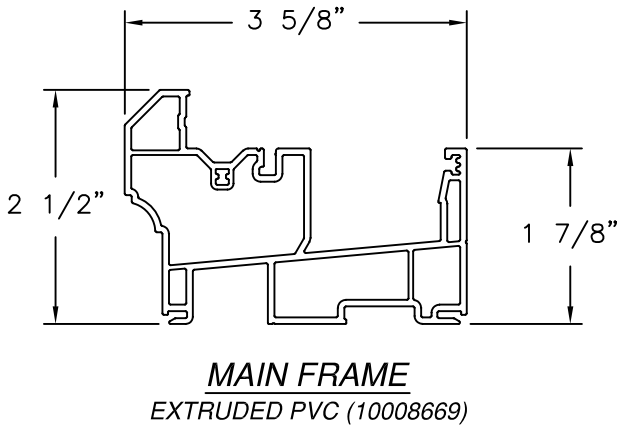
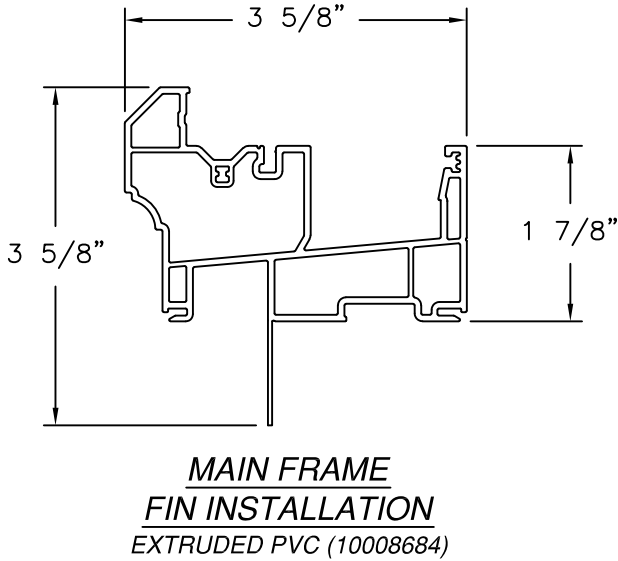
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Eastern
 ARCHITECTURAL SYSTEMS
 ALUMINUM AND VINYL
 IMPACT WINDOWS AND DOORS

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

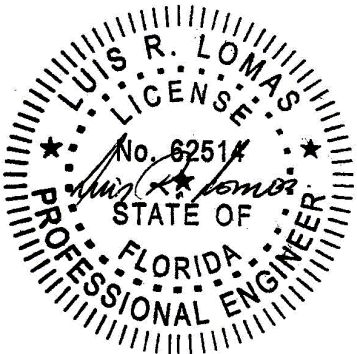
143 SERIES 3241 HR PVC HORIZ SLIDING WINDOW

NON-IMPACT COMPONENTS

DRAWN: TJH	DWG NO. 08-01214	REV C
SCALE NTS	DATE 01/29/10	SHEET 8 OF 8

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