

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED EDGE DIMENSIONS	03/05/15	R.L.
B	REVISED PER NEW TESTING	03/01/23	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. 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.
4. 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.
5. FRAME MATERIAL: EXTRUDED RIGID PVC.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. UNITS MUST BE GLAZED PER ASTM E1300.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
9. 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”.
10. 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.
11. FOR ANCHORING THROUGH FRAME 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.

12. FOR ANCHORING THROUGH FRAME 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.
13. FOR ANCHORING THROUGH FRAME 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.
14. ALL FASTENERS TO BE CORROSION RESISTANT.
15. 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

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SLOCOMB WINDOWS & DOORS

767 SAN SOUCI PARKWAY

HANOVER TOWNSHIP, PA 18706

500 SERIES DOUBLE HUNG WINDOW

REINFORCEMENT NON-IMPACT

NOTES

DRAWN:

A.P.

DWG NO.

08-01719B

REV

B

SCALE

NTS

DATE

08/15/12

SHEET

1

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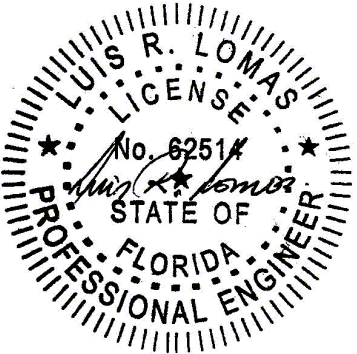
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L. ROBERTO LOMAS P.E.

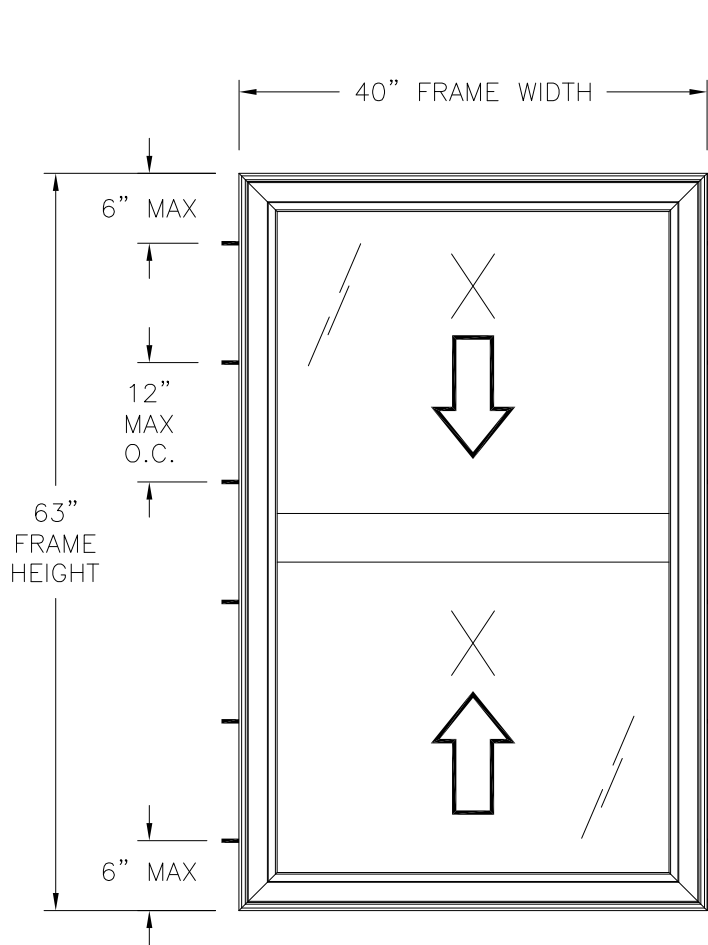
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434-688-0609 rllomas@lrlomaspe.com

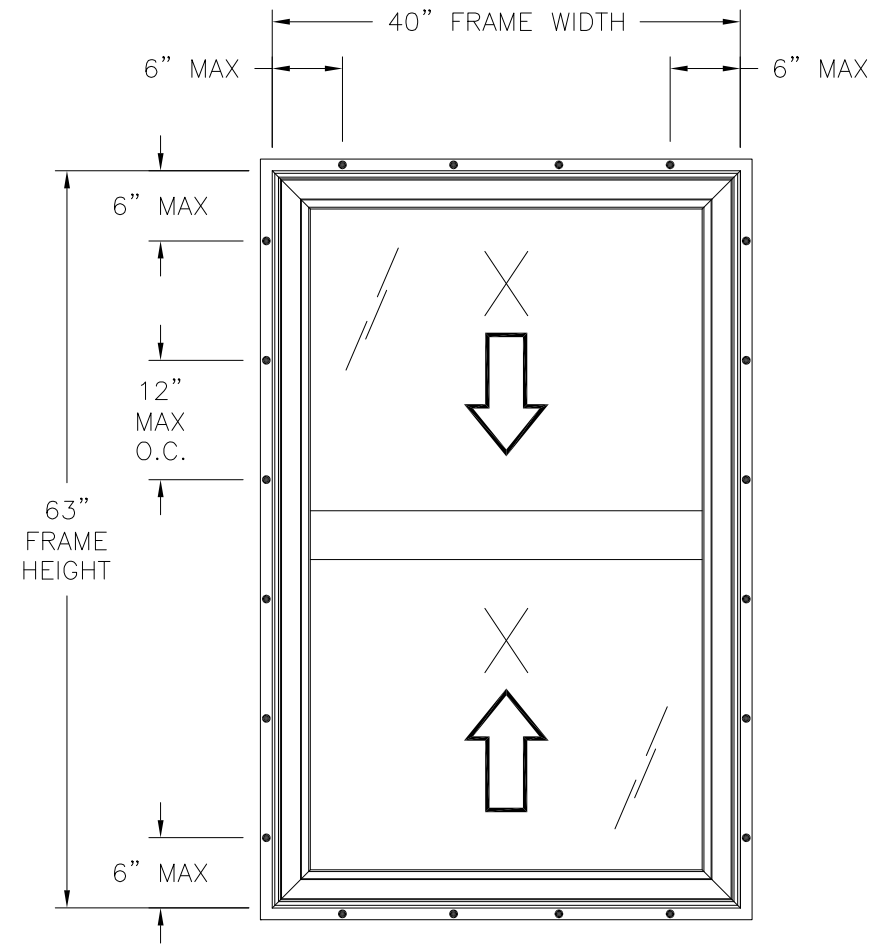
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Luis R. Lomas P.E.
FL No.: 62514



500 SERIES DOUBLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION



500 SERIES DOUBLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

40" X 63" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 17.5 FT²

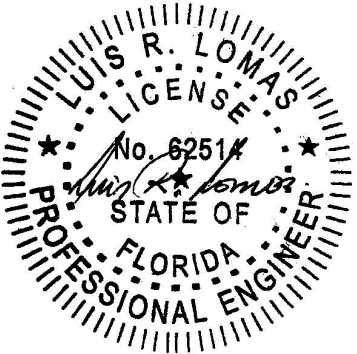
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- NOTES:
1. TOP SASH SIZE: 36 3/16" X 30 1/4"
 2. BOTTOM SASH SIZE: 37 1/4" X 31 1/4"
 3. TOP D.L.O.: 33 1/4" X 27 1/8"
 4. BOTTOM D.L.O.: 34 3/16" X 28 1/8"

HARDWARE SCHEDULE	
A.	METAL CAM TYPE LOCK WITH TILT LATCH OPERATOR, 7 3/4" FROM EACH END OF INTERIOR MEETING RAIL
B.	METAL KEEPER AT EXTERIOR MEETING RAIL AT LOCK LOCATIONS
C.	DUAL COILED SPRING BALANCE AT JAMB TRACKS
D.	(1) DIE-CAST T-SHAPED PIVOT BAR AT EACH END OF EXTERIOR MEETING RAIL AND BOTTOM RAIL
E.	COMPOSITE CONTOUR SHAPED REINFORCEMENT AT INTERIOR MEETING RAIL

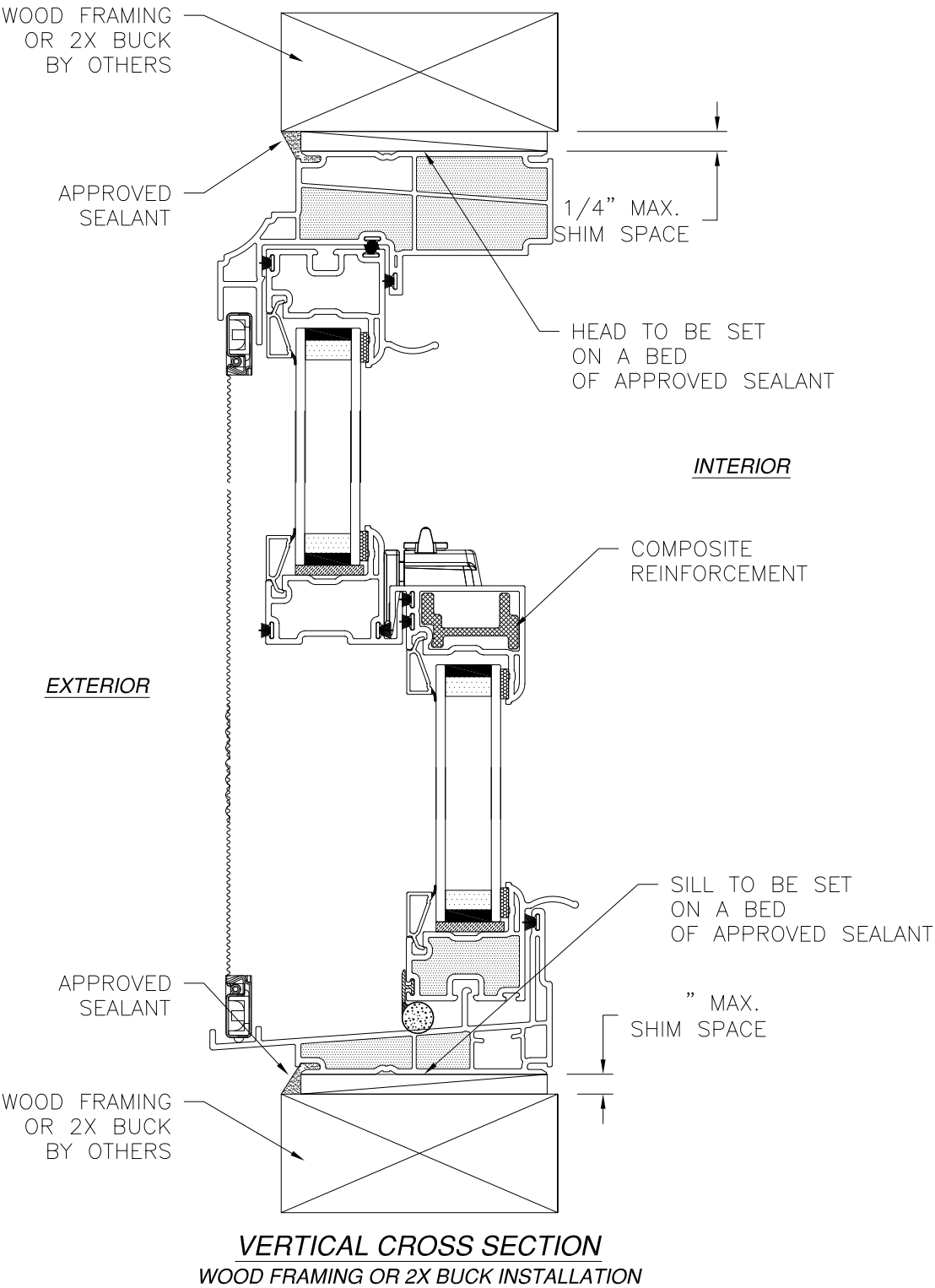
SLOCOMB WINDOWS & DOORS 767 SAN SOUCI PARKWAY HANOVER TOWNSHIP, PA 18706		
500 SERIES DOUBLE HUNG WINDOW REINFORCEMENT NON-IMPACT ELEVATIONS		
DRAWN: A.P.	DWG NO. 08-01719B	REV B
SCALE NTS	DATE 08/15/12	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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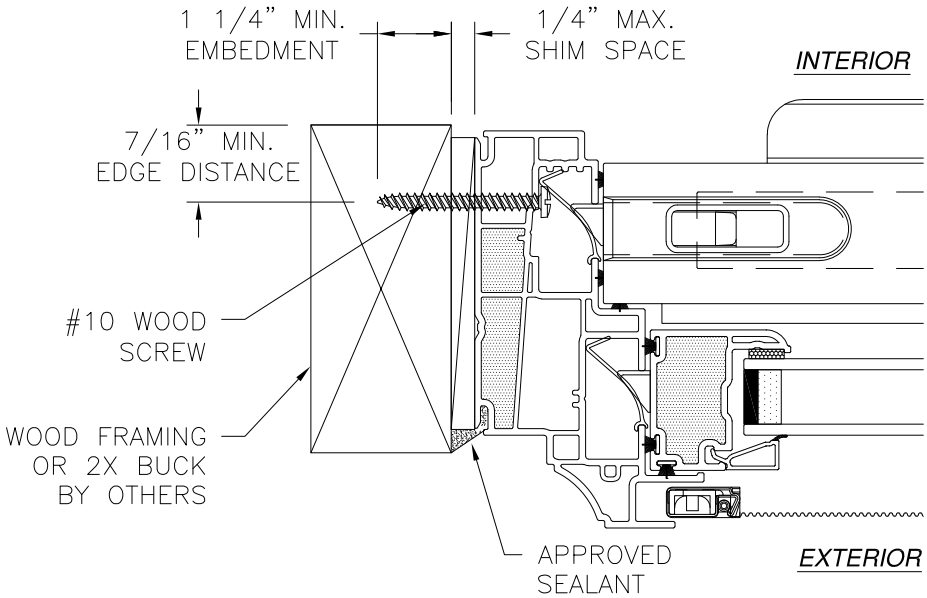
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NOTES:

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



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

SLOCOMB WINDOWS & DOORS
767 SAN SOUCI PARKWAY
HANOVER TOWNSHIP, PA 18706

500 SERIES DOUBLE HUNG WINDOW
REINFORCEMENT NON-IMPACT
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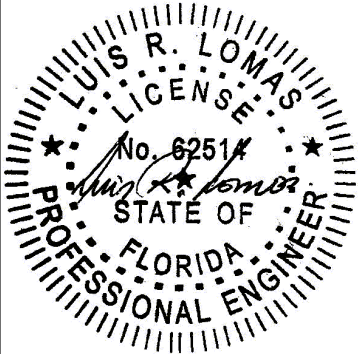
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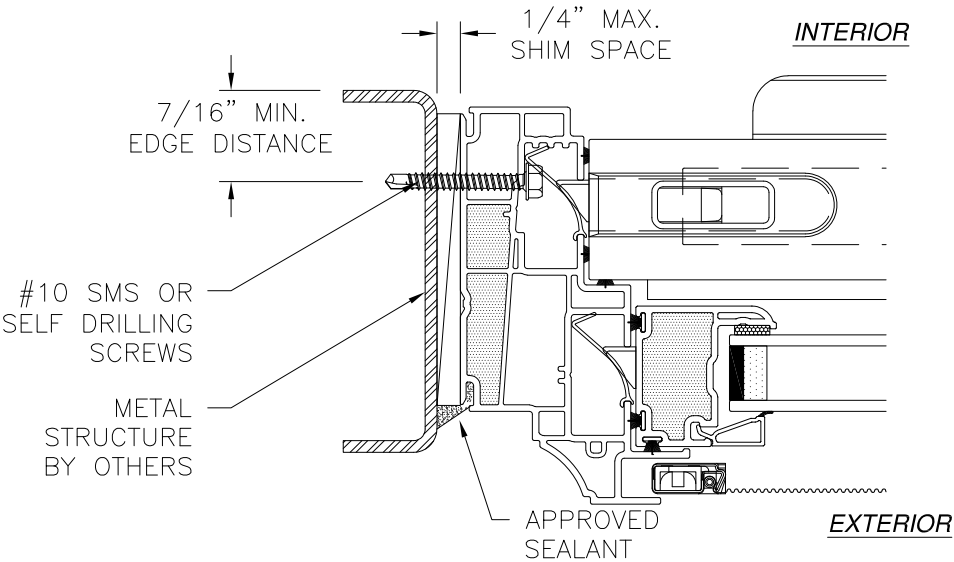
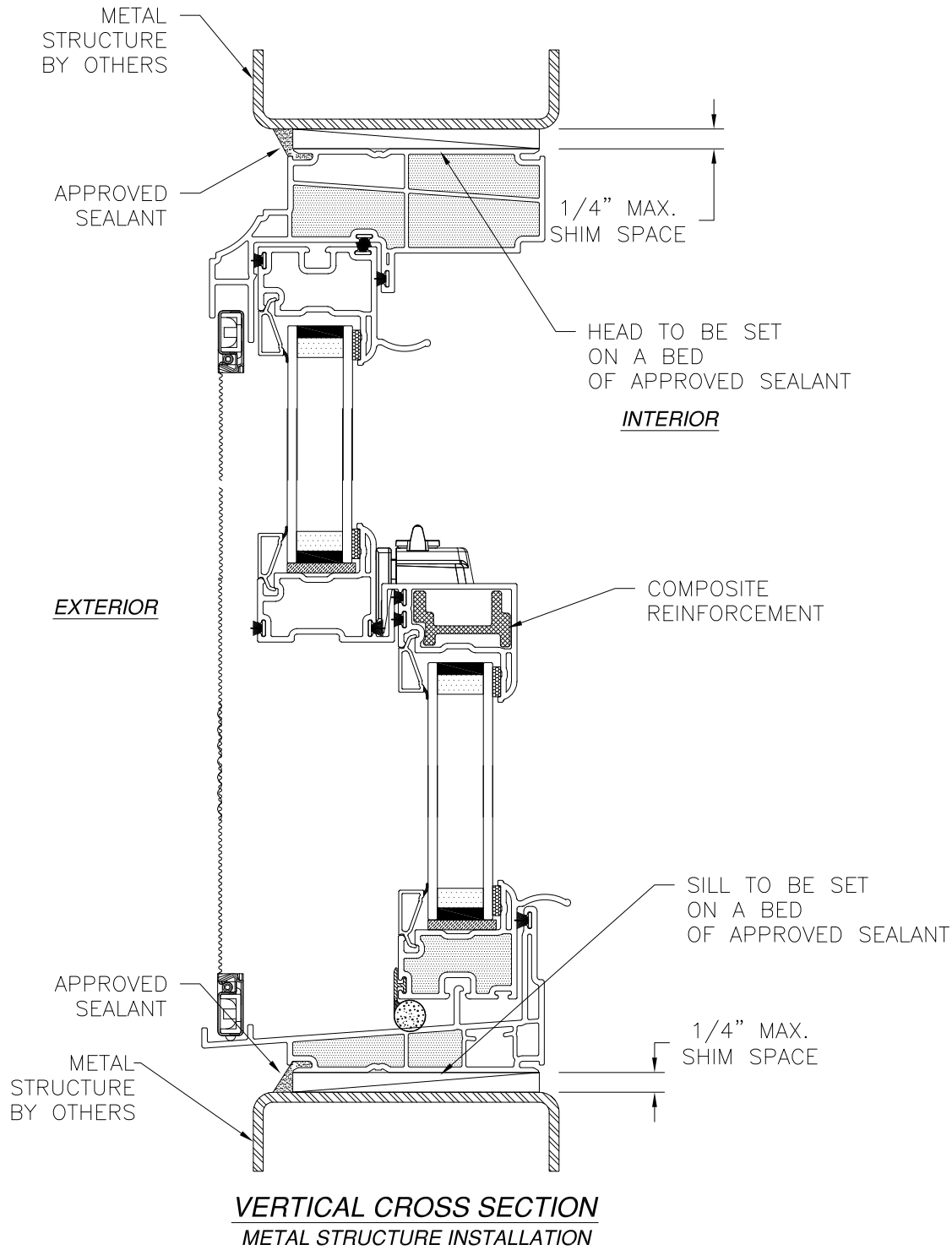
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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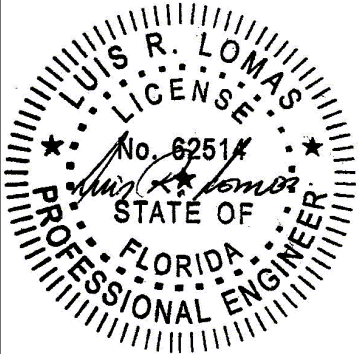
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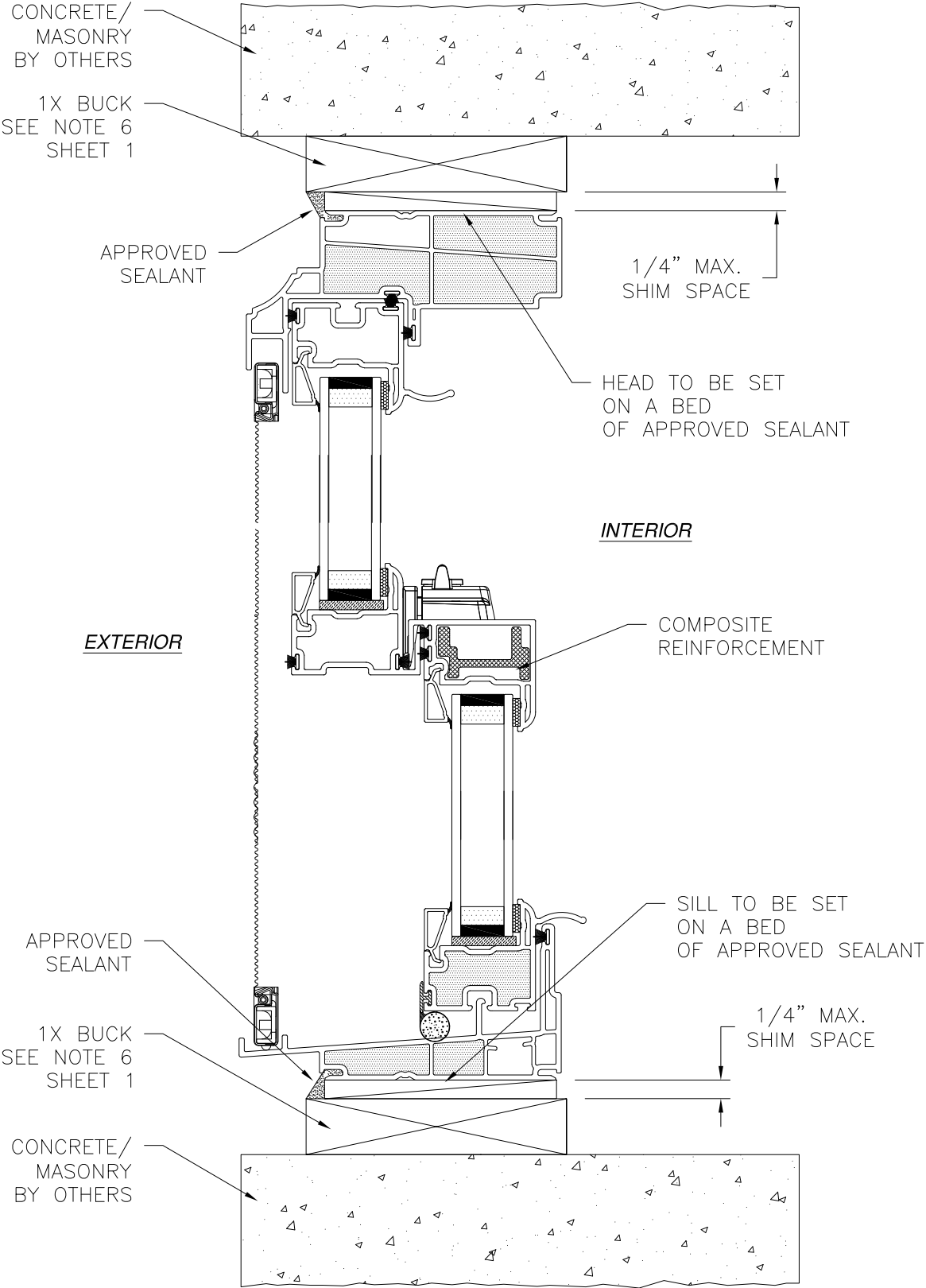
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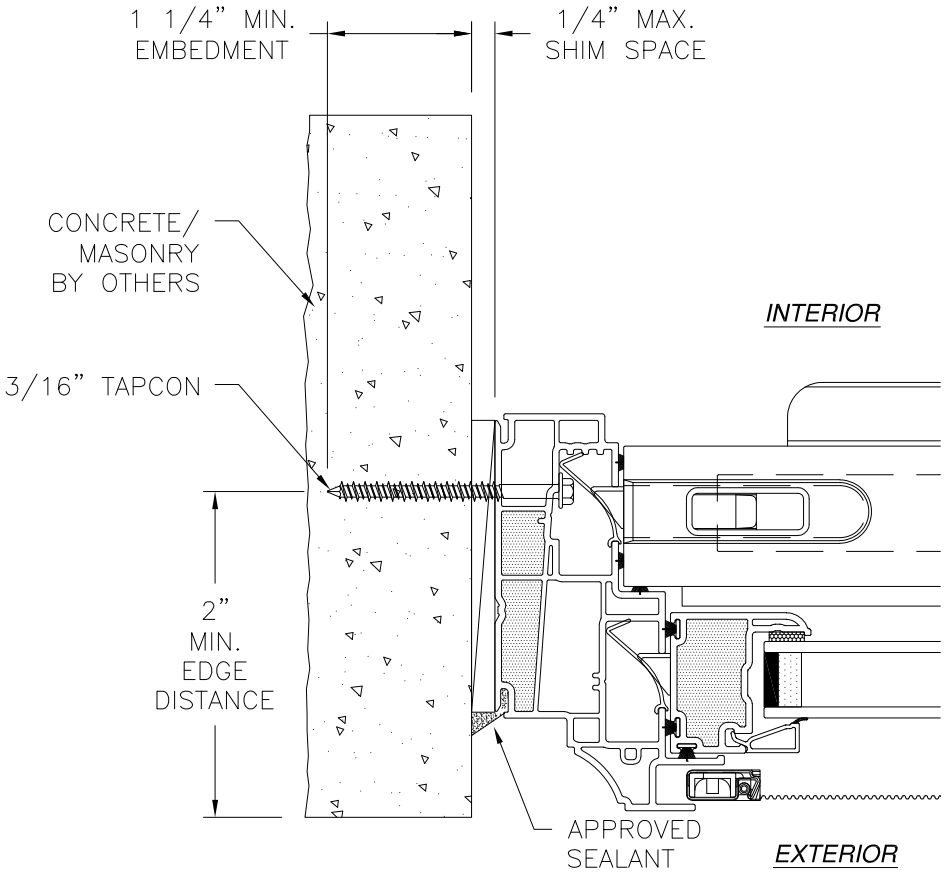


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO JAMB
INSTALLATION DETAILS

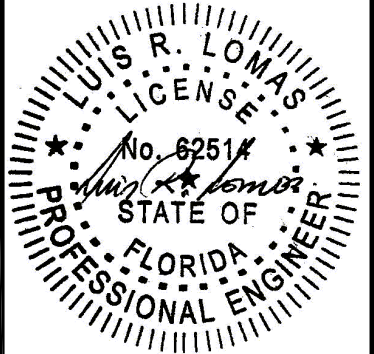


JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER
TO HEAD AND SILL INSTALLATION DETAILS

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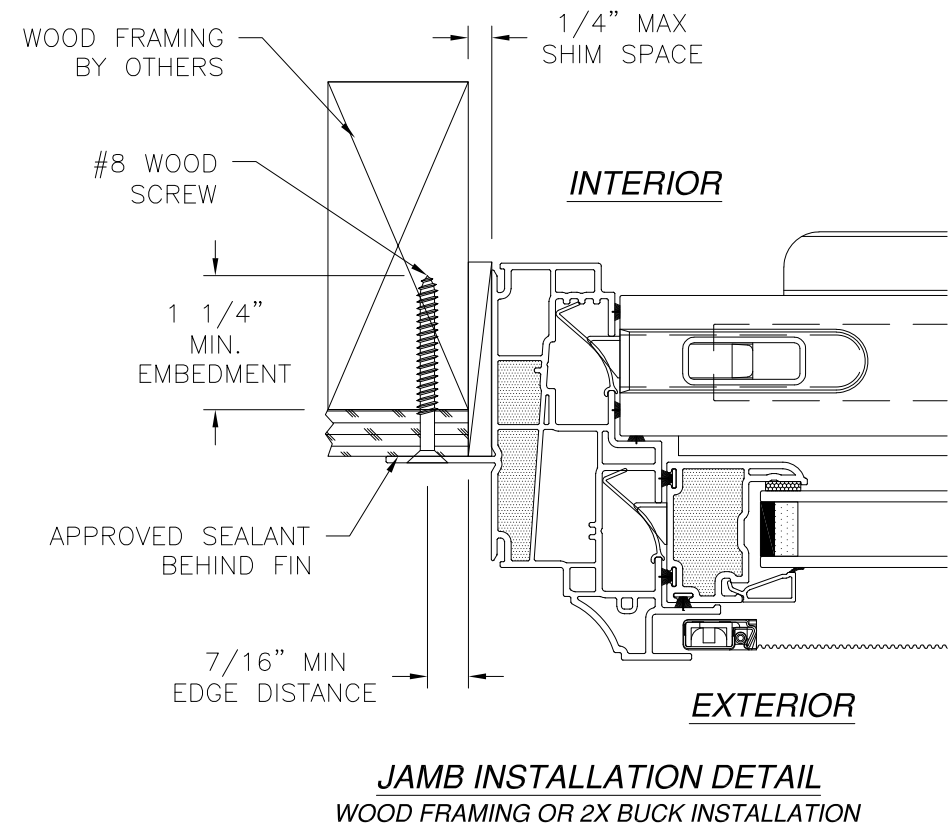
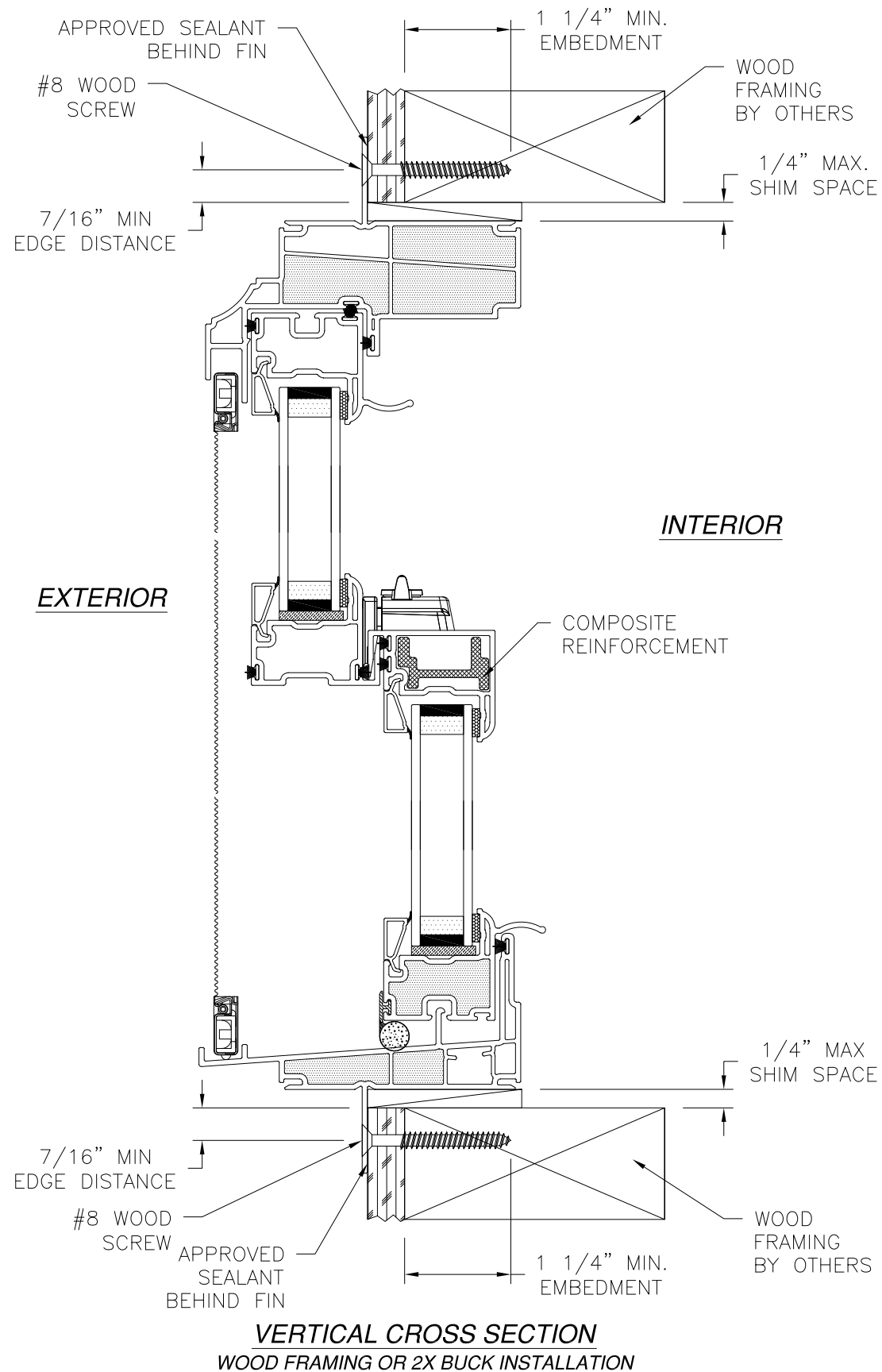
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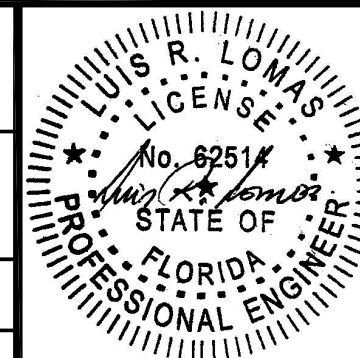
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