

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	ADDED RATING CHART	02/10/26	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. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
5. 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.
6. FRAME MATERIAL: EXTRUDED RIGID PVC.
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 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 INTO MASONRY/CONCRETE USE 3/16” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. FOR ANCHORING INTO METAL STRUCTURE 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.
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. 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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SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
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SLOCOMB WINDOWS & DOORS

767 SAN SOUCI PARKWAY
HANOVER TOWNSHIP, PA 18706

500 SERIES DOUBLE HUNG WINDOW
COMPOSITE REINFORCEMENT NON-IMPACT
NOTES

DRAWN:
V.L.

DWG NO.
08-02727B

REV
B

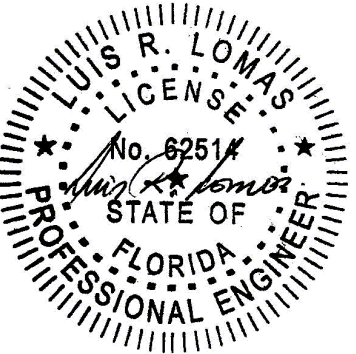
SCALE NTS

DATE 06/15/15

SHEET 1 OF 6

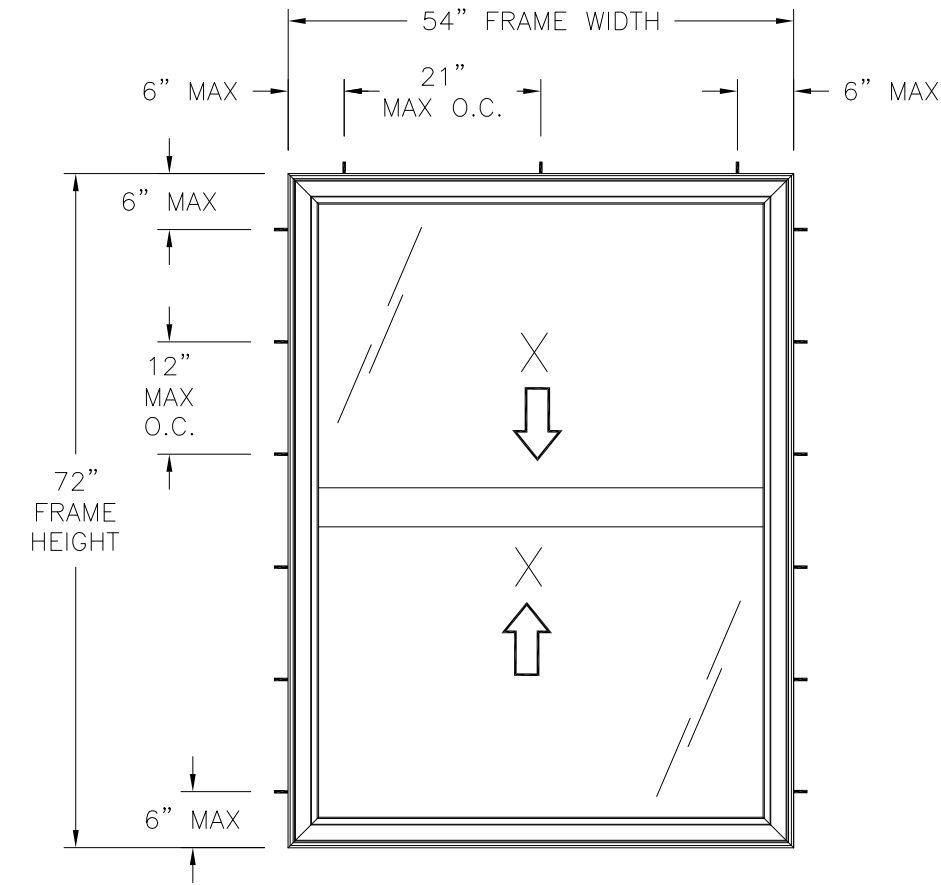
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/11/2026



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

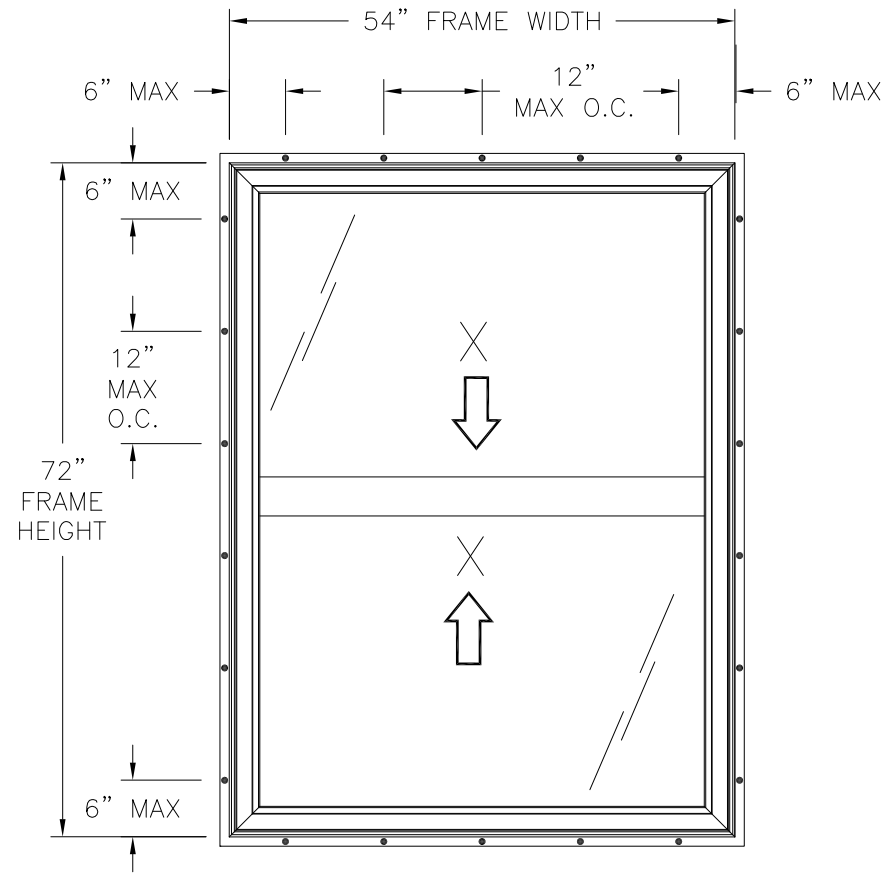
Chart #1 Rating by comparison (psf)														
Frame Height (in)	Frame width (in)													
	30.00		36.00		42.00		48.00		52.00		54.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5
30.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	81.9
36.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	69.0
42.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	81.8	50.0	78.0	50.0	60.0
48.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	82.5	50.0	74.3	50.0	70.7	50.0	53.3
54.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	76.5	50.0	68.6	50.0	65.2	48.2	48.2
60.00	50.0	82.5	50.0	82.5	50.0	82.5	50.0	72.0	50.0	64.2	50.0	60.9	44.3	44.3
66.00	50.0	82.5	50.0	82.5	50.0	77.1	50.0	67.5	50.0	60.8	50.0	57.6	41.1	41.1
72.00	50.0	82.5	50.0	82.5	50.0	70.7	50.0	61.9	50.0	57.1	50.0	55.0	38.6	38.6
75.00	50.0	82.5	50.0	79.2	50.0	67.9	50.0	59.4	50.0	54.8	50.0	52.8	37.6	37.6



500 SERIES DOUBLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
+50.0/-55.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1



500 SERIES DOUBLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

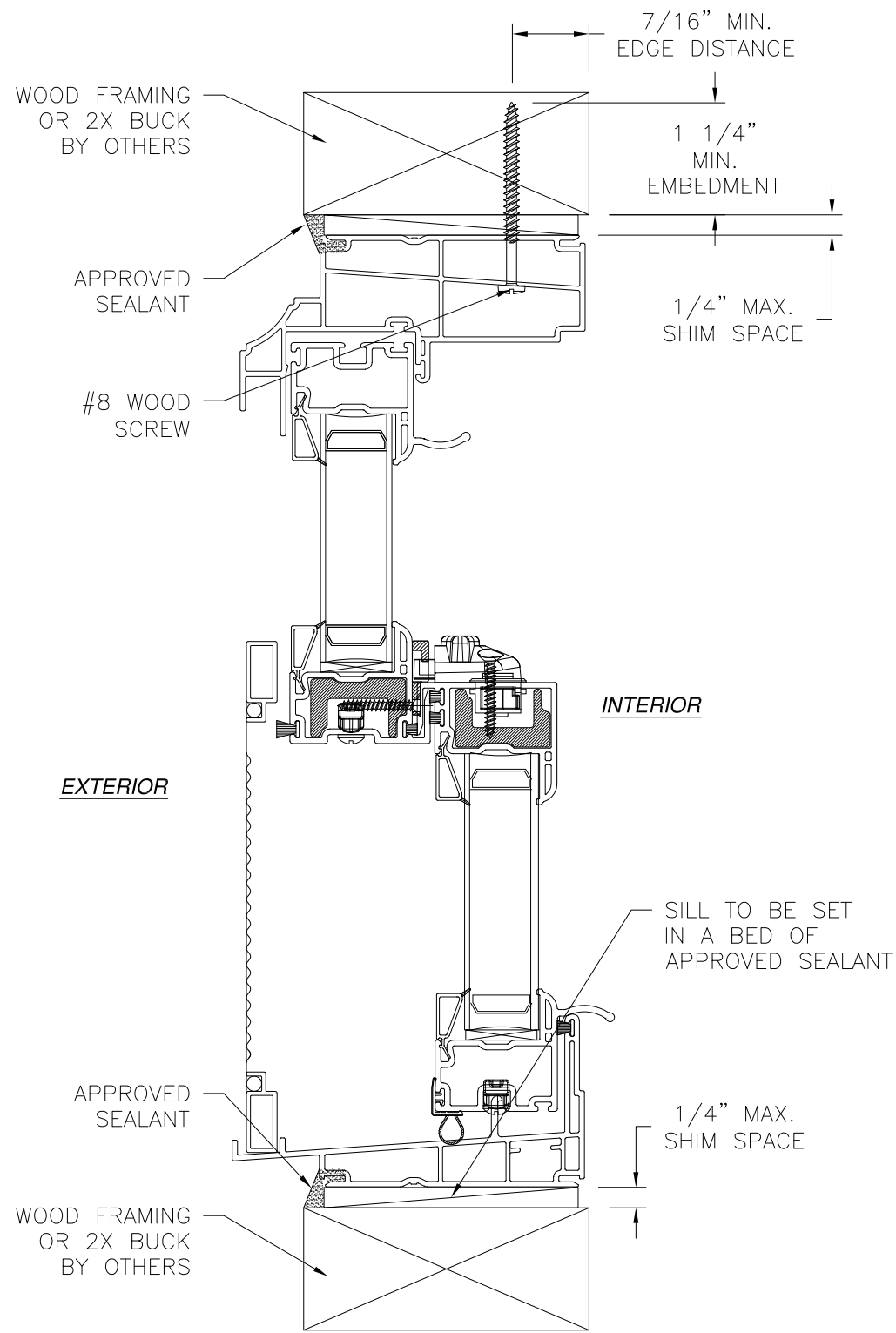
- NOTES:
- SASH SIZE: 51 3/16" X 35 11/16"
 - D.L.O.: 48 3/16" X 32 11/16"

HARDWARE SCHEDULE	
A.	(2) METAL DUAL ACTION LOCK AT LOCK RAIL 8" FROM EACH END
B.	(2) PLASTIC TILT LATCH AT LOCK RAIL, ONE AT EACH END
C.	(4) CONSTANT FORCE BALANCE SYSTEM, TWO PER JAMB
D.	(4) METAL PIVOT BAR BOTTOM RAIL AND KEEPER RAIL
E.	(2) PLASTIC NIGHT LATCH TOP SASH, ONE PER STILE
F.	(2) METAL JAMB REINFORCEMENT AT INTERIOR JAMB TRACK
G.	FIBERGLASS REINFORCEMENT (10000665) AT LOCK RAIL AND EXTERIOR MEETING RAIL
H.	FIBERGLASS REINFORCEMENT (10000683) AT BOTTOM RAIL AND ALL STILES

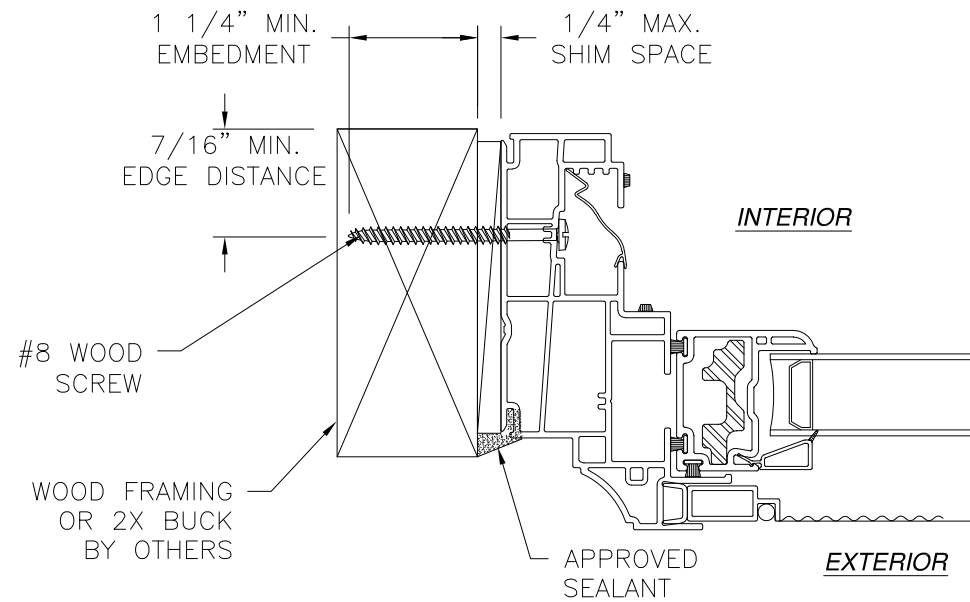
SLOCOMB WINDOWS & DOORS 767 SAN SOUCI PARKWAY HANOVER TOWNSHIP, PA 18706		
500 SERIES DOUBLE HUNG WINDOW COMPOSITE REINFORCEMENT NON-IMPACT ELEVATIONS		
DRAWN: V.L.	DWG NO. 08-02727B	REV B
SCALE NTS	DATE 06/15/15	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



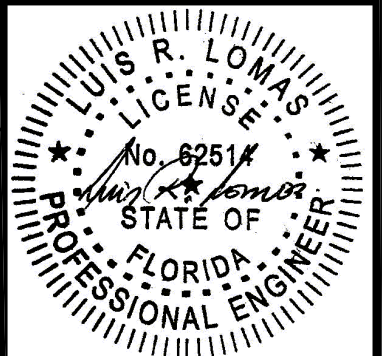
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

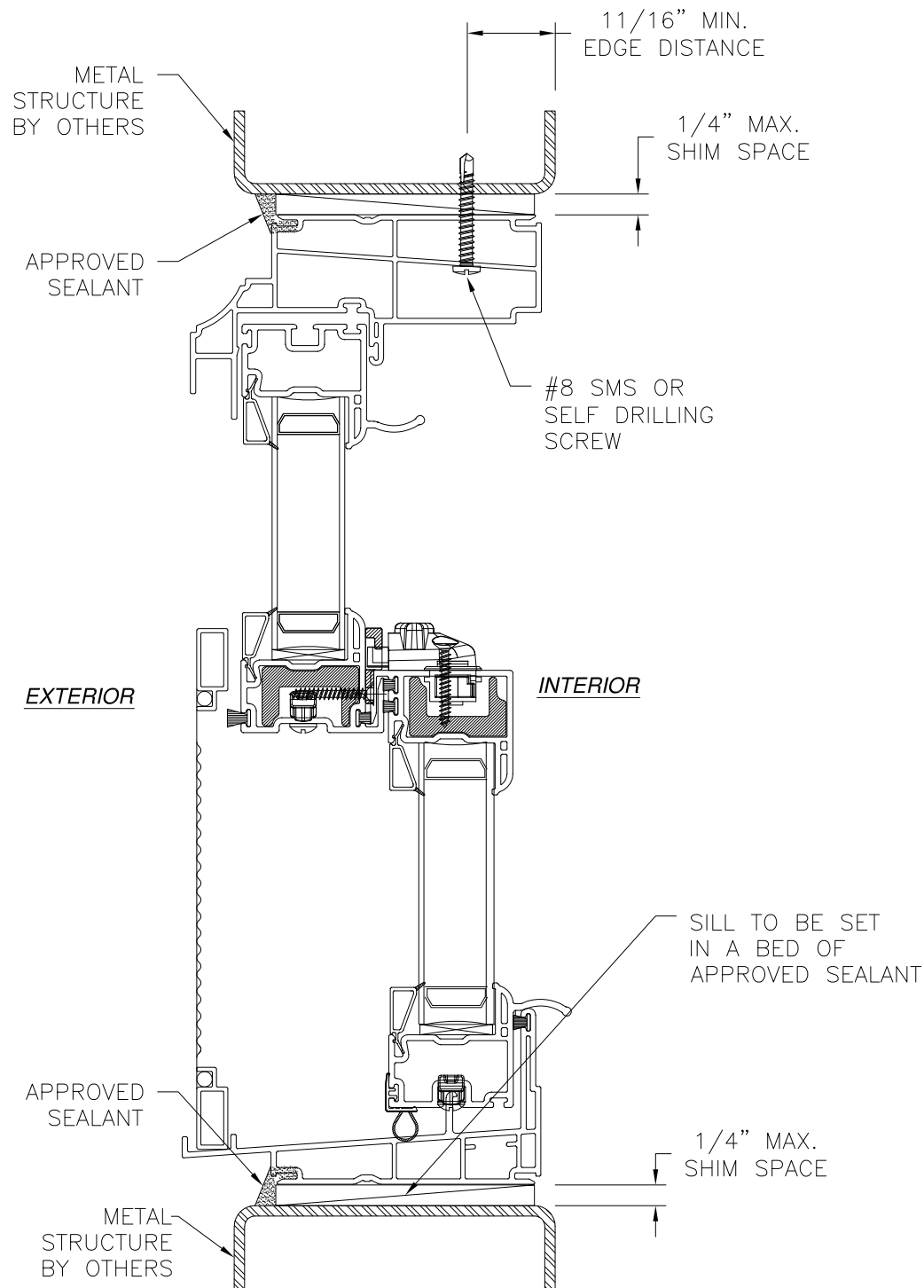
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

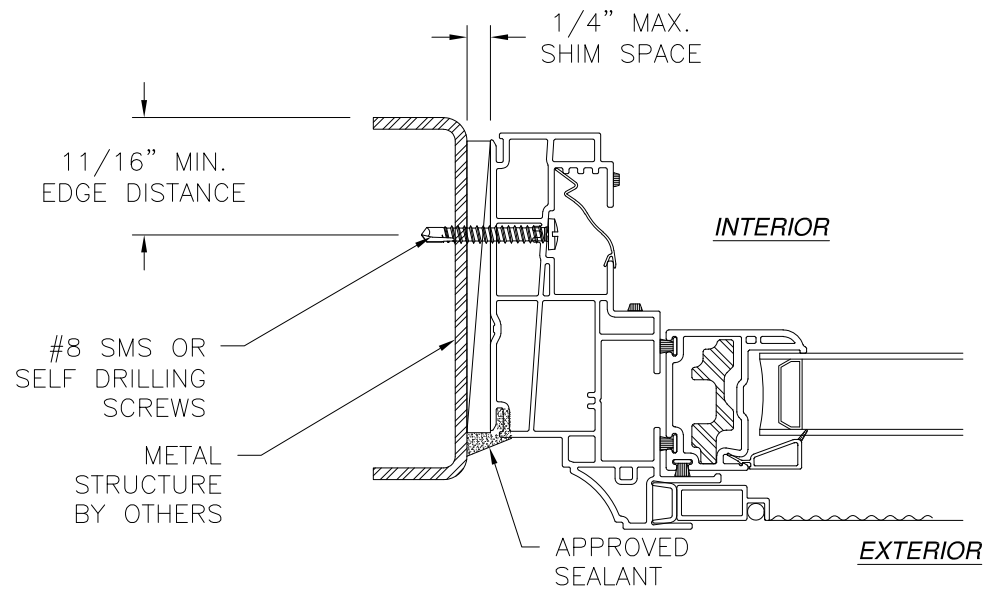
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



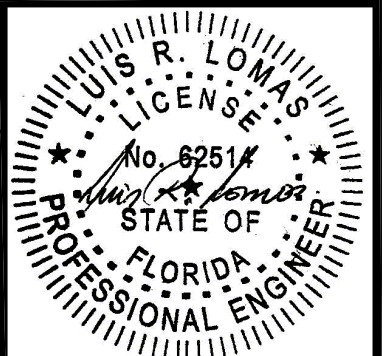
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METAL STRUCTURE INSTALLATION

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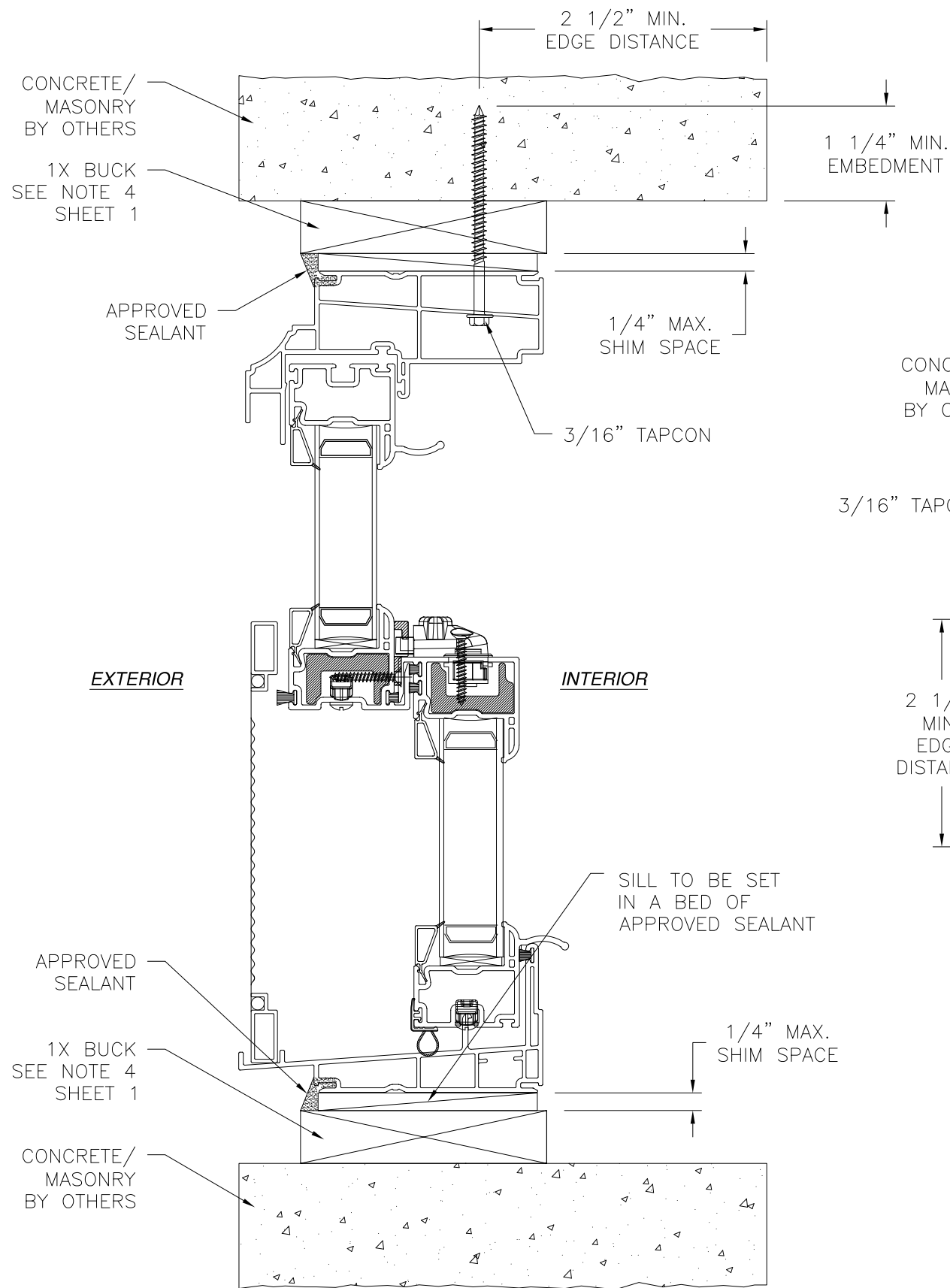
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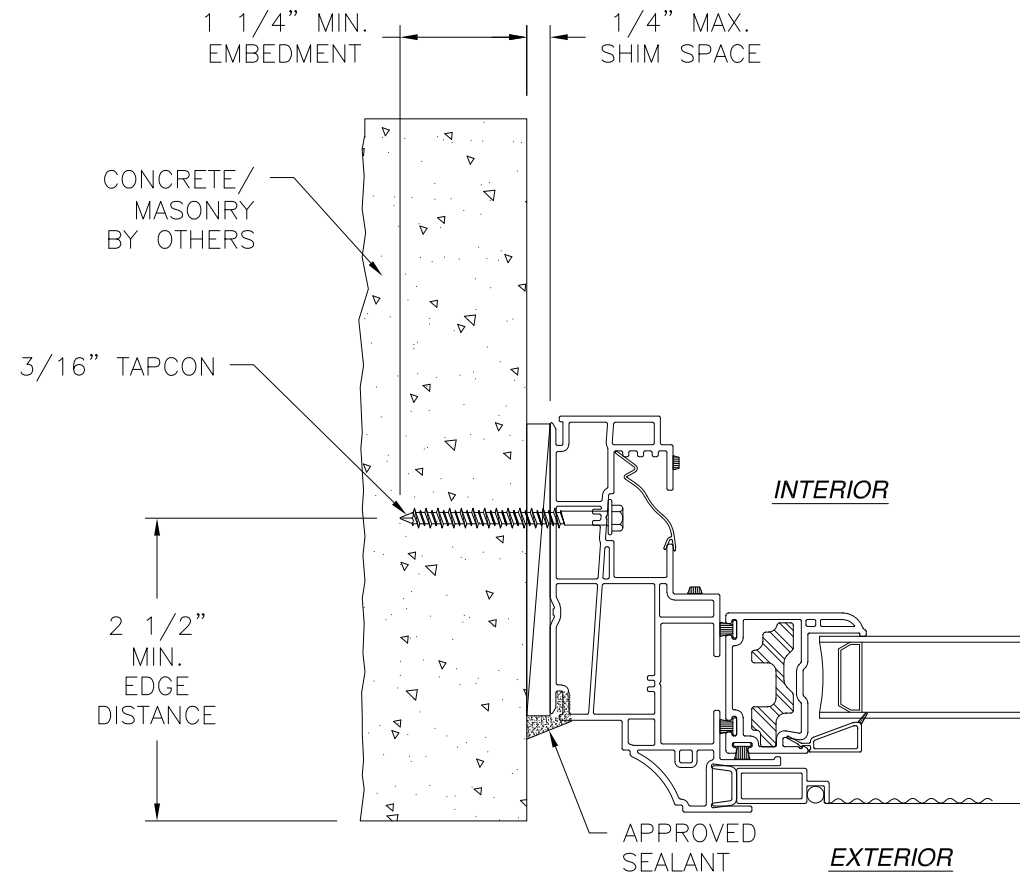
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



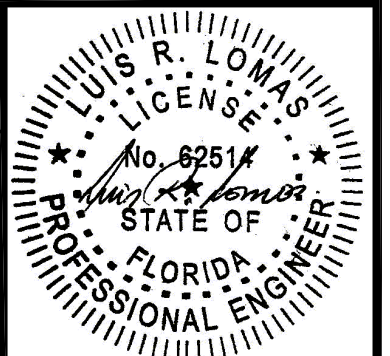
JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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APPROVED SEALANT
BEHIND FIN

#8 WOOD
SCREW

7/16" MIN
EDGE DISTANCE

1 1/4" MIN.
EMBEDMENT

WOOD
FRAMING
BY OTHERS

1/4" MAX.
SHIM SPACE

EXTERIOR

COMPOSITE
REINFORCEMENT
10000654

COMPOSITE
REINFORCEMENT
10000654

INTERIOR

7/16" MIN
EDGE DISTANCE

#8 WOOD
SCREW

APPROVED SEALANT
BEHIND FIN

1 1/4" MIN.
EMBEDMENT

WOOD
FRAMING
BY OTHERS

1/4" MAX
SHIM SPACE

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

WOOD FRAMING
BY OTHERS

#8 WOOD
SCREW

1 1/4" MIN.
EMBEDMENT

APPROVED SEALANT
BEHIND FIN

7/16" MIN
EDGE DISTANCE

1/4" MAX
SHIM SPACE

INTERIOR

EXTERIOR

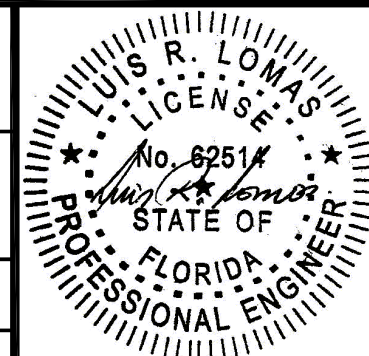
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WOOD FRAMING OR 2X BUCK INSTALLATION

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