

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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 SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” 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. 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 UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS NEEDED 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.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. 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.
14. 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.
15. 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.
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:

17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

17.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

17.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI 1/8” THICK MINIMUM
18. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION AND COMPONENTS
3	DESIGN PRESSURE CHARTS
4 – 6	INSTALLATION DETAILS

SLOCOMB WINDOWS AND DOORS, INC.

767 SANS SOUCI PARKWAY
WILKES–BARRE, PA 18706

400 PW PICTURE WINDOW
NON–IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08–03998

REV
–

SCALE NTS

DATE 01/18/2024

SHEET 1 OF 6

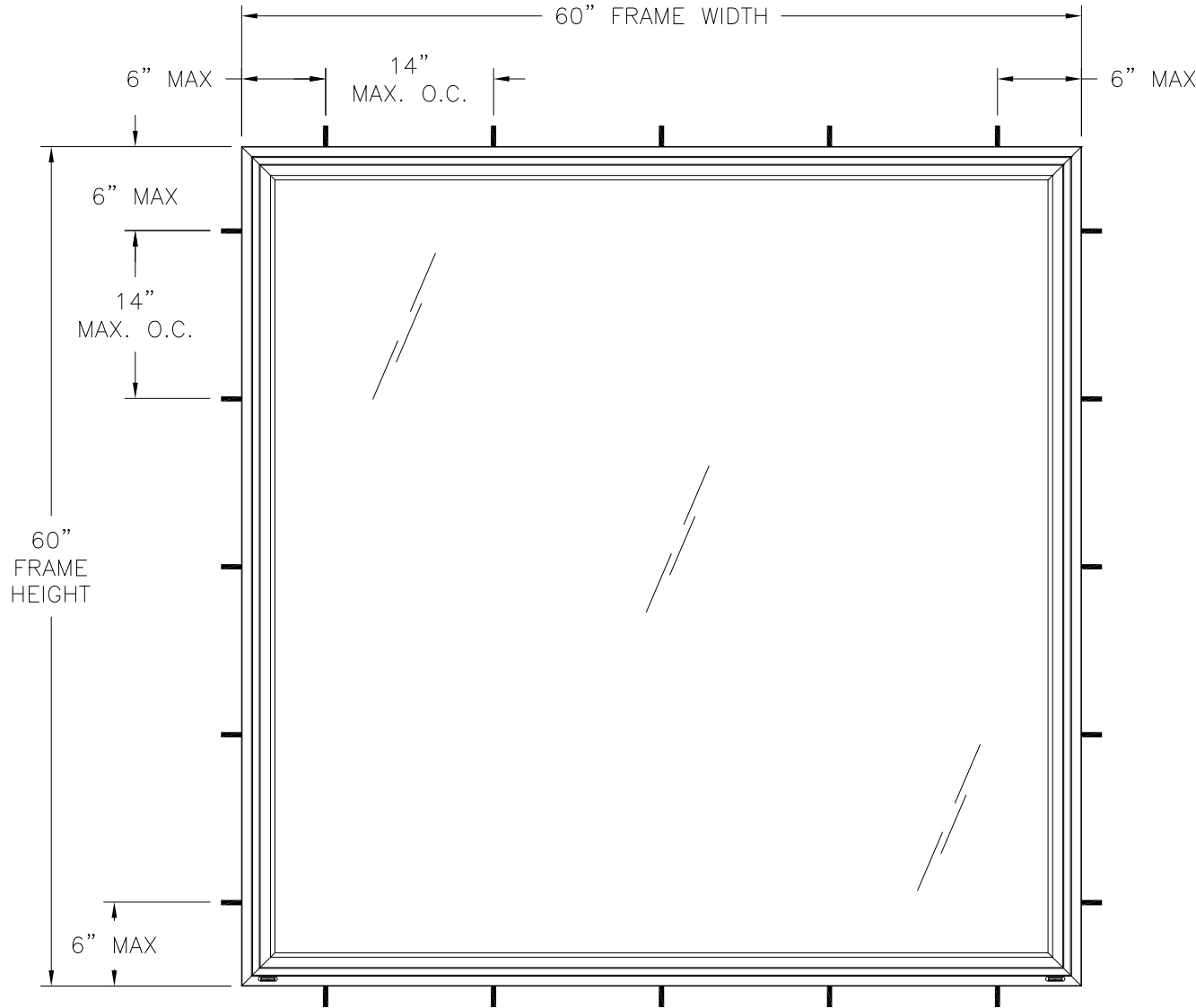
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/05/2024

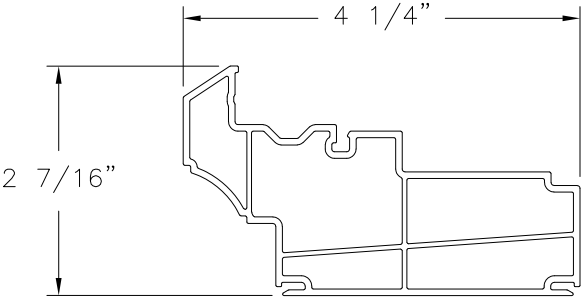


Luis R. Lomas P.E.
FL No.: 62514

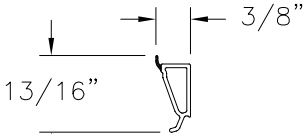
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES:
1. D.L.O.: 55" X 55"



MAIN FRAME (6992)
EXTRUDED VINYL



GLAZING BEAD (6998)
EXTRUDED VINYL

400 PW PICTURE WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
± 50.0 PSF	NONE

FOR OTHER SIZE RATINGS, SEE CHARTS #1 AND #2 SHEET 3

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.
767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

400 PW PICTURE WINDOW
NON-IMPACT
ELEVATION AND COMPONENTS

DRAWN: A.R.	DWG NO. 08-03998	REV -
SCALE NTS	DATE 01/18/2024	SHEET 2 OF 6

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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

CHART #1
Design pressure rating (psf)

Frame Height (in)	Frame width (in)																											
	24.0		30.0		36.0		42.0		48.0		54.0		60.0		66.0		72.0		78.0		84.0		90.0		96.0		102.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	73.5
30.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	72.7	50.0	70.8	50.0	69.2	50.0	67.9	50.0	66.7	50.0	62.5	50.0	58.8
36.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	72.9	50.0	69.4	50.0	66.7	50.0	64.4	50.0	62.5	50.0	60.9	50.0	59.5	50.0	55.6	50.0	52.1	-	-
42.0	50.0	75.0	50.0	75.0	50.0	75.0	50.0	71.4	50.0	67.0	50.0	63.5	50.0	60.7	50.0	58.4	50.0	56.5	50.0	54.9	50.0	51.0	-	-	-	-	-	-
48.0	50.0	75.0	50.0	75.0	50.0	72.9	50.0	67.0	50.0	62.5	50.0	59.0	50.0	56.3	50.0	54.0	50.0	52.1	-	-	-	-	-	-	-	-	-	-
54.0	50.0	75.0	50.0	75.0	50.0	69.4	50.0	63.5	50.0	59.0	50.0	55.6	50.0	52.8	50.0	50.5	-	-	-	-	-	-	-	-	-	-	-	-
60.0	50.0	75.0	50.0	75.0	50.0	66.7	50.0	60.7	50.0	56.3	50.0	52.8	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66.0	50.0	75.0	50.0	72.7	50.0	64.4	50.0	58.4	50.0	54.0	50.0	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72.0	50.0	75.0	50.0	70.8	50.0	62.5	50.0	56.5	50.0	52.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78.0	50.0	75.0	50.0	69.2	50.0	60.9	50.0	54.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84.0	50.0	75.0	50.0	67.9	50.0	59.5	50.0	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90.0	50.0	75.0	50.0	66.7	50.0	55.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.0	50.0	75.0	50.0	62.5	50.0	52.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102.0	50.0	73.5	50.0	58.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108.0	50.0	69.4	50.0	55.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114.0	50.0	65.8	50.0	52.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120.0	50.0	62.5	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

WHERE WATER PENETRATION RESISTANCE IS REQUIRED

CHART #2
Design pressure rating (psf)

Frame Height (in)	Frame width (in)																												
	24.0		30.0		36.0		42.0		48.0		54.0		60.0		66.0		72.0		78.0		84.0		90.0		96.0		102.0		
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	
24.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.5	73.5	
30.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.7	72.7	70.8	70.8	69.2	69.2	67.9	67.9	66.7	66.7	62.5	62.5	58.8	58.8	
36.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.9	72.9	69.4	69.4	66.7	66.7	64.4	64.4	62.5	62.5	60.9	60.9	59.5	59.5	55.6	55.6	52.1	52.1	-	-
42.0	75.0	75.0	75.0	75.0	75.0	75.0	71.4	71.4	67.0	67.0	63.5	63.5	60.7	60.7	58.4	58.4	56.5	56.5	54.9	54.9	51.0	51.0	-	-	-	-	-	-	
48.0	75.0	75.0	75.0	75.0	72.9	72.9	67.0	67.0	62.5	62.5	59.0	59.0	56.3	56.3	54.0	54.0	52.1	52.1	-	-	-	-	-	-	-	-	-	-	
54.0	75.0	75.0	75.0	75.0	69.4	69.4	63.5	63.5	59.0	59.0	55.6	55.6	52.8	52.8	50.5	50.5	-	-	-	-	-	-	-	-	-	-	-	-	
60.0	75.0	75.0	75.0	75.0	66.7	66.7	60.7	60.7	56.3	56.3	52.8	52.8	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
66.0	75.0	75.0	72.7	72.7	64.4	64.4	58.4	58.4	54.0	54.0	50.5	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
72.0	75.0	75.0	70.8	70.8	62.5	62.5	56.5	56.5	52.1	52.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
78.0	75.0	75.0	69.2	69.2	60.9	60.9	54.9	54.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
84.0	75.0	75.0	67.9	67.9	59.5	59.5	51.0	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
90.0	75.0	75.0	66.7	66.7	55.6	55.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96.0	75.0	75.0	62.5	62.5	52.1	52.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
102.0	73.5	73.5	58.8	58.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
108.0	69.4	69.4	55.6	55.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
114.0	65.8	65.8	52.6	52.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120.0	62.5	62.5	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.
767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

400 PW PICTURE WINDOW
NON-IMPACT
DESIGN PRESSURE CHARTS

DRAWN:
A.R.

DWG NO.
08-03998

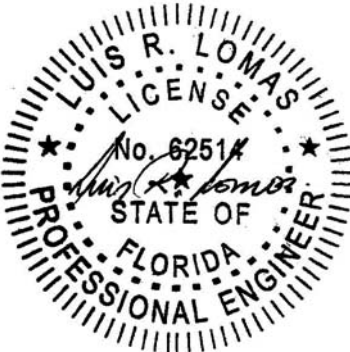
REV
-

SCALE
NTS

DATE
01/18/2024

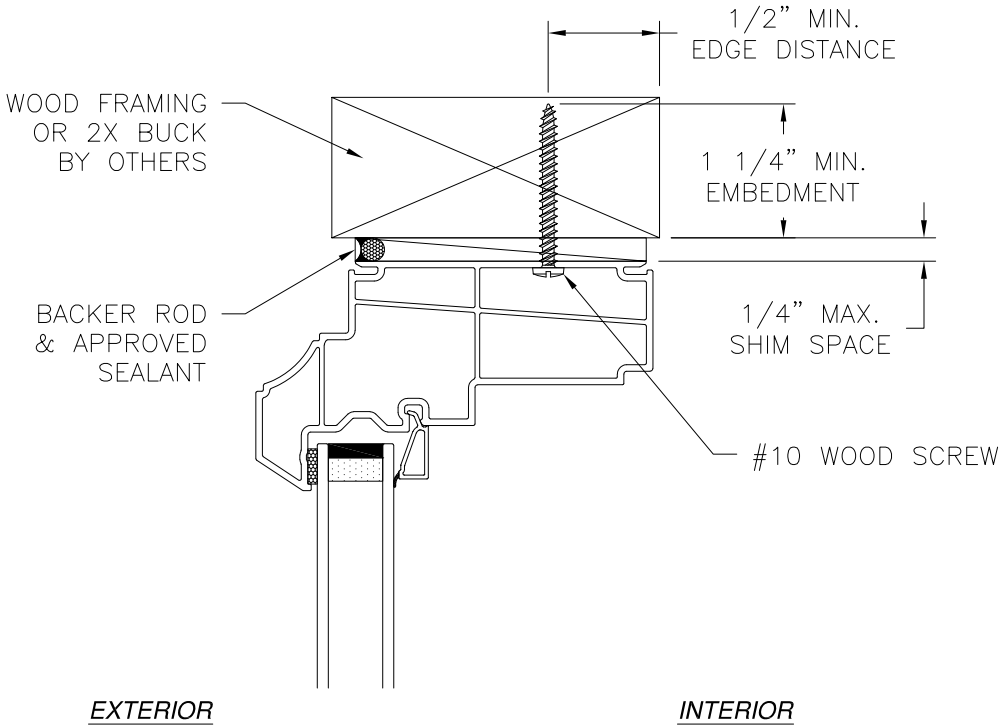
SHEET
3 OF 6

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

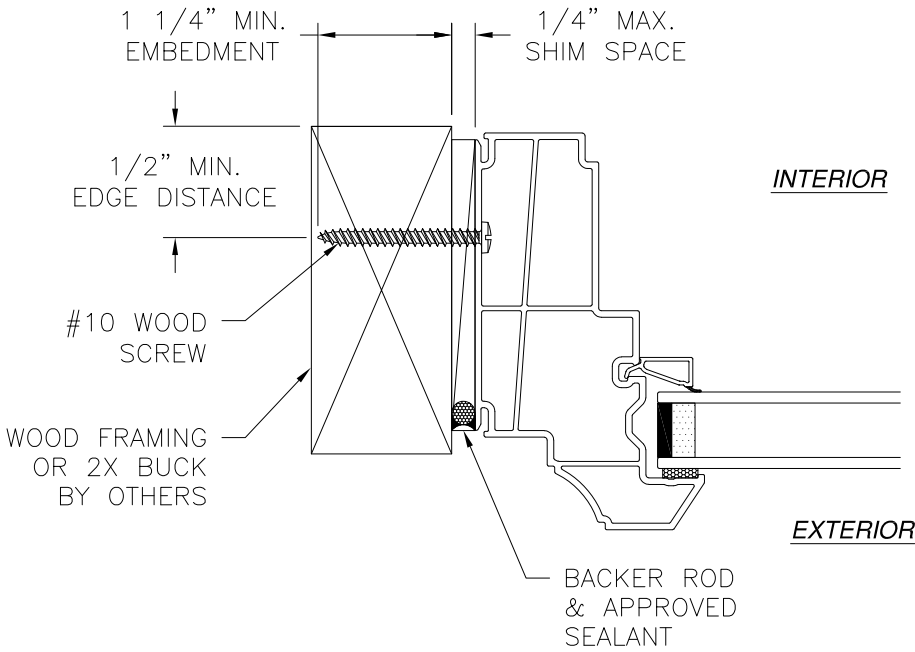
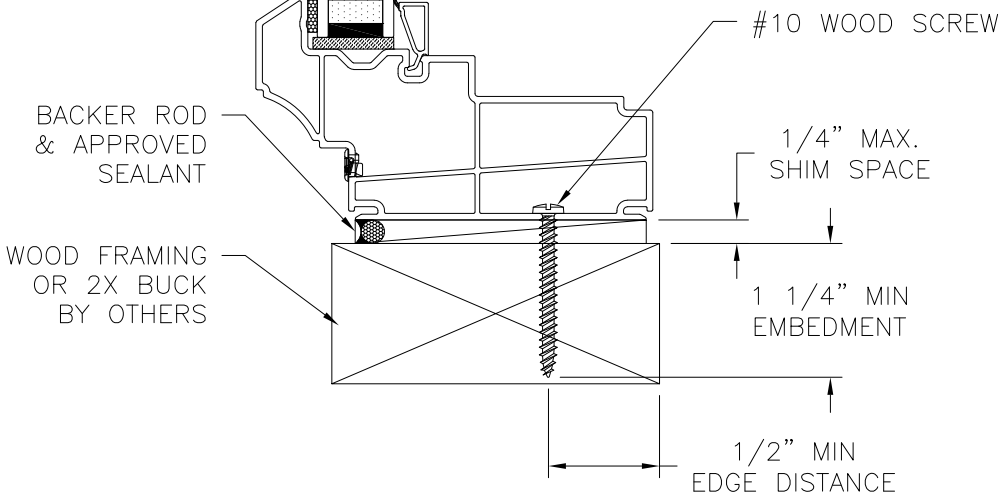


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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

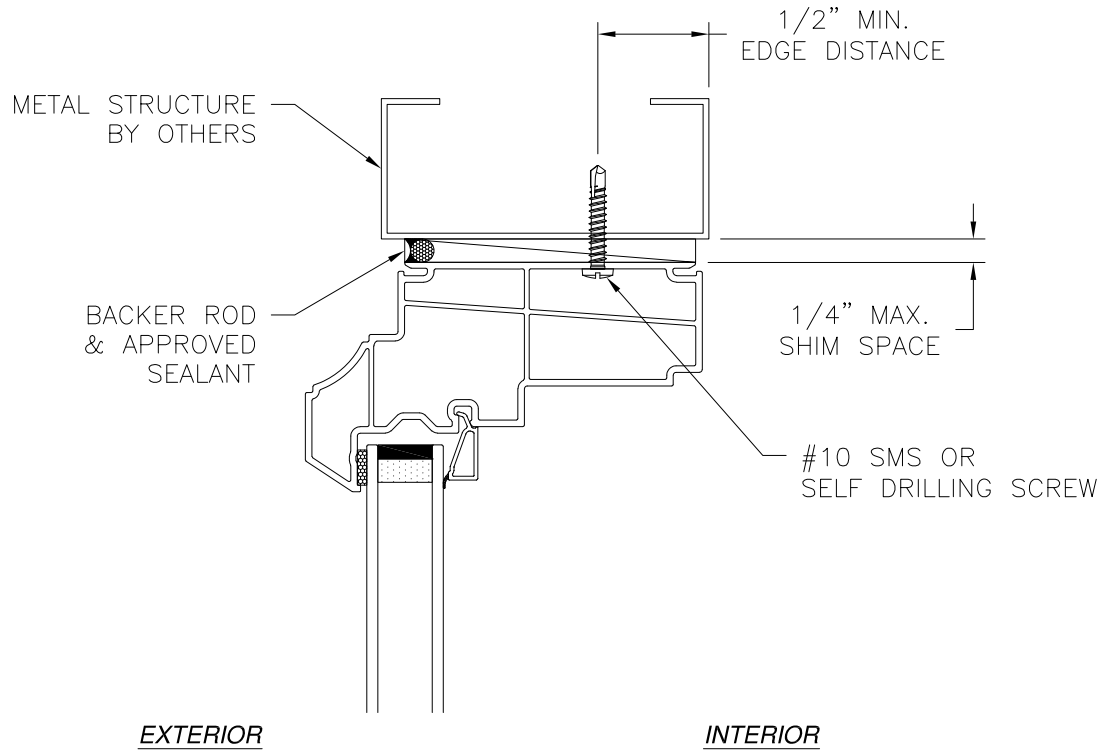
SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.		
767 SANS SOUCI PARKWAY WILKES-BARRE, PA 18706		
400 PW PICTURE WINDOW NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03998	REV -
SCALE NTS	DATE 01/18/2024	SHEET 4 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

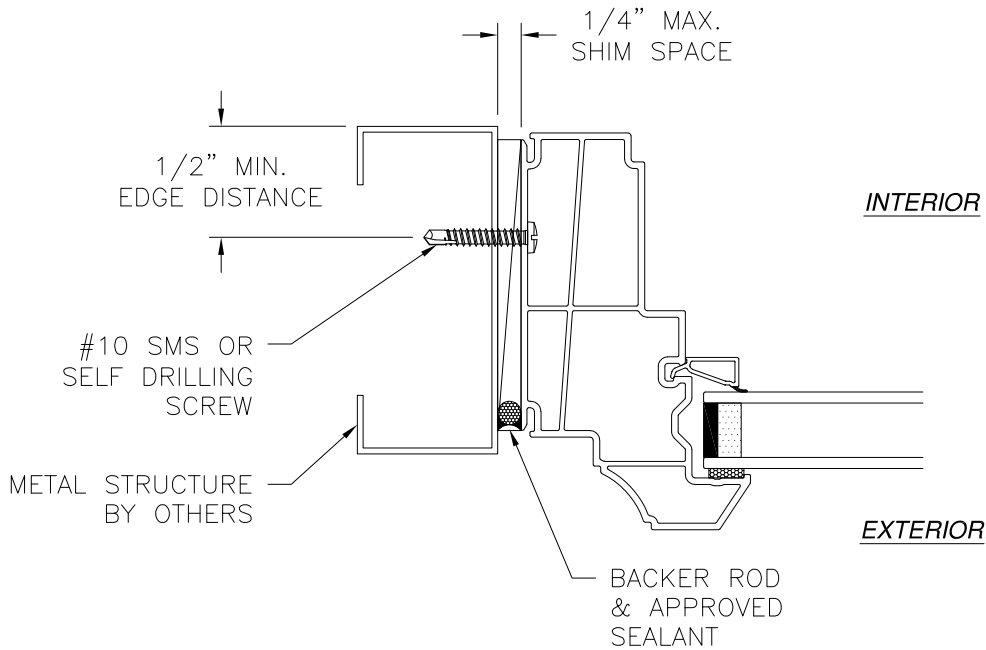


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.
767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

400 PW PICTURE WINDOW
NON-IMPACT
INSTALLATION DETAILS

DRAWN:
A.R.

DWG NO.
08-03998

REV
-

SCALE
NTS

DATE
01/18/2024

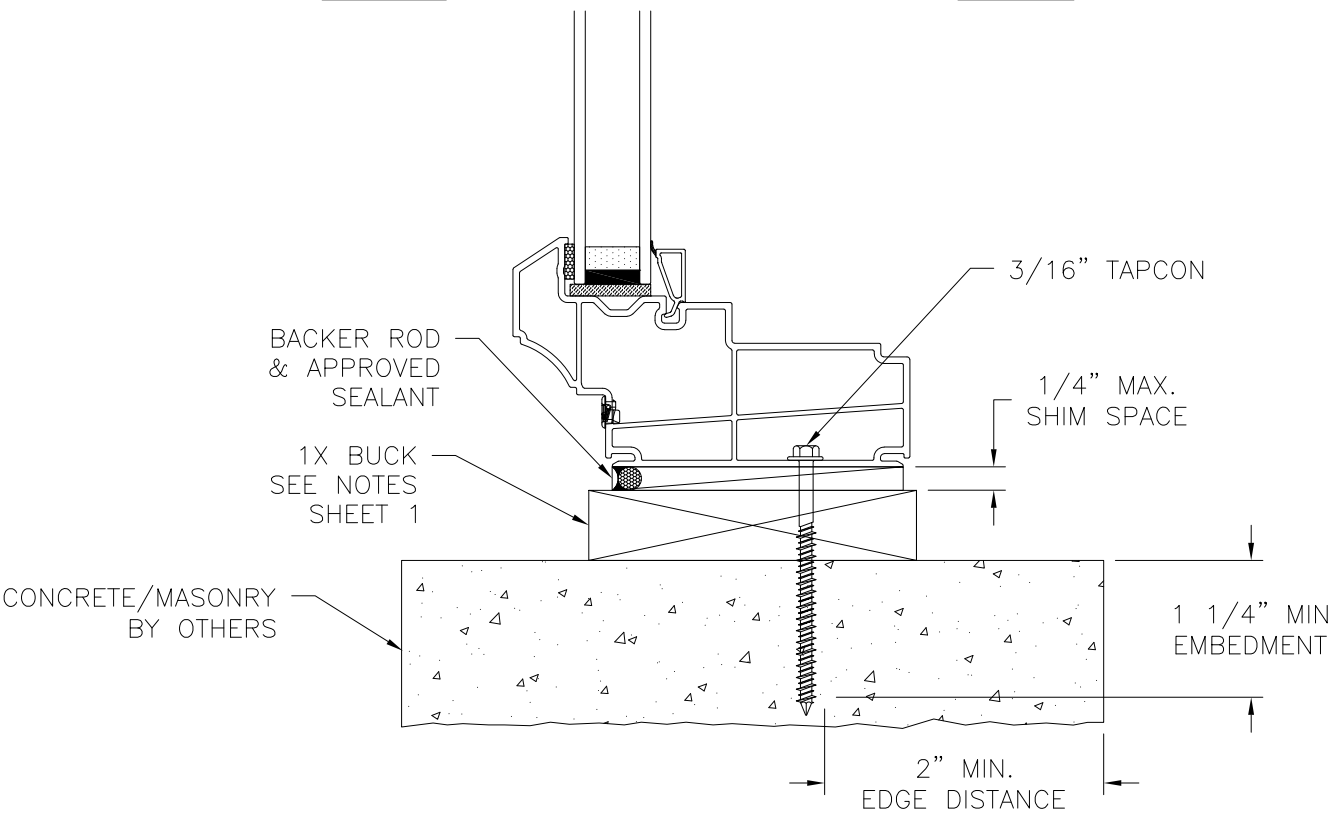
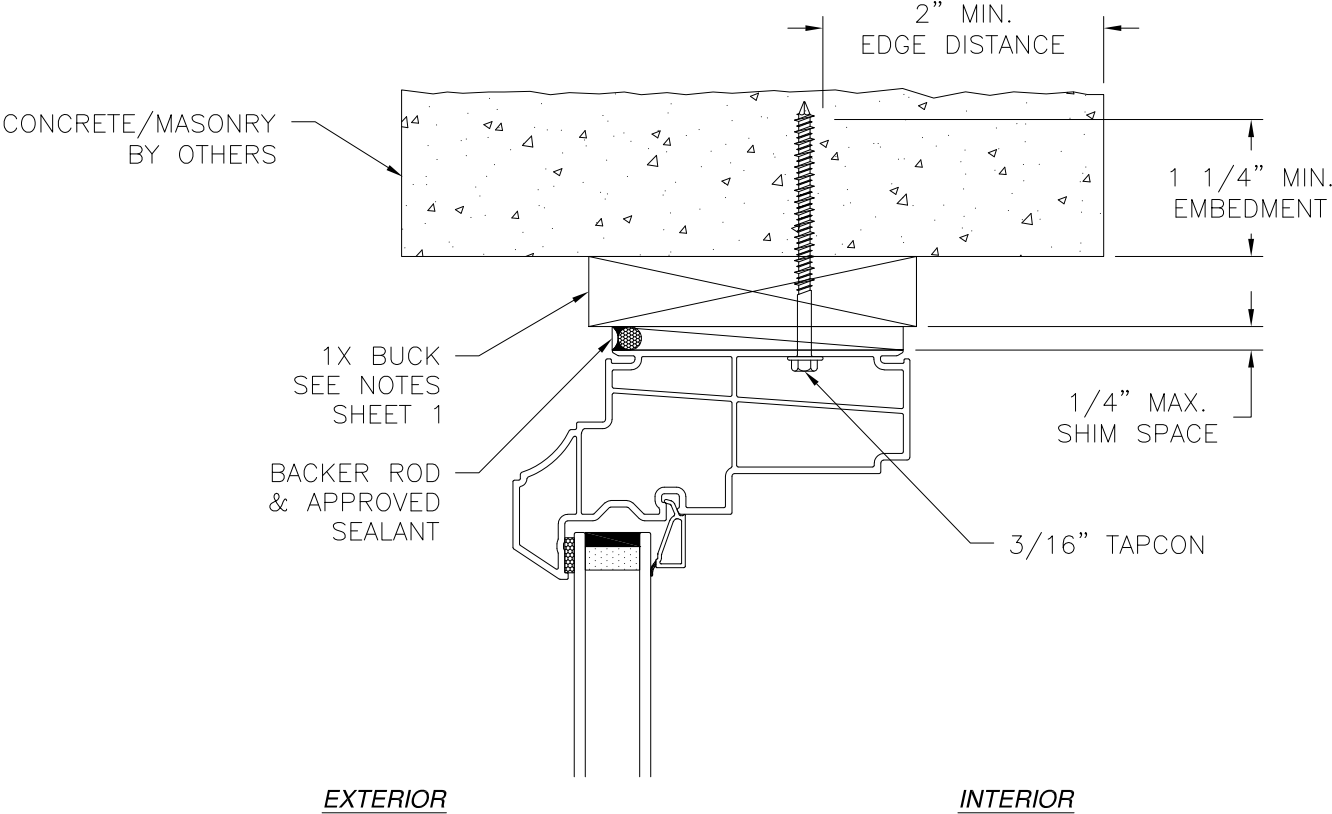
SHEET
5 OF 6

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

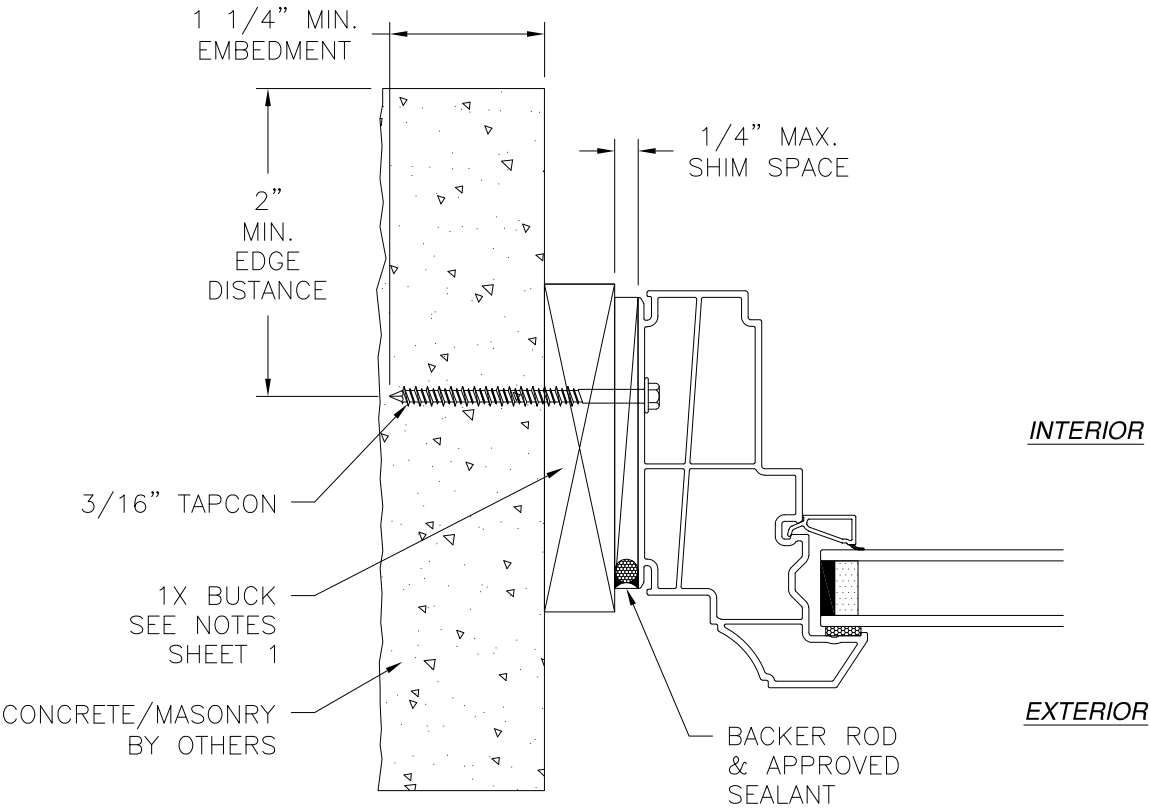


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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

SIGNED: 02/05/2024

SLOCOMB WINDOWS AND DOORS, INC.

767 SANS SOUCI PARKWAY
WILKES-BARRE, PA 18706

400 PW PICTURE WINDOW
NON-IMPACT
INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03998

REV -

SCALE NTS

DATE 01/18/2024

SHEET 6 OF 6

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

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