

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
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 1/2”.
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: GRADE (A) MAHOGANY.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 6 FOR GLASS 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 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.
15. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4” ELCO CRETE–FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2” MINIMUM EDGE DISTANCE. 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 2,000 PSI.

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

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125” 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.
19. UNITS MAY BE INSTALLED VERTICALLY OR HORIZONTALLY.

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REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
NOTES

DRAWN:
N.G.

DWG NO.
08–02835

REV
D

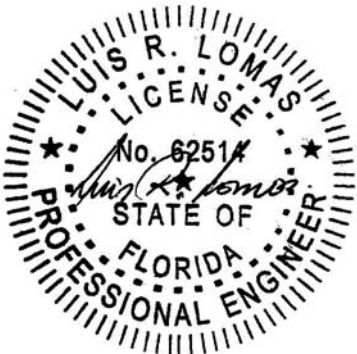
SCALE NTS

DATE 11/02/15

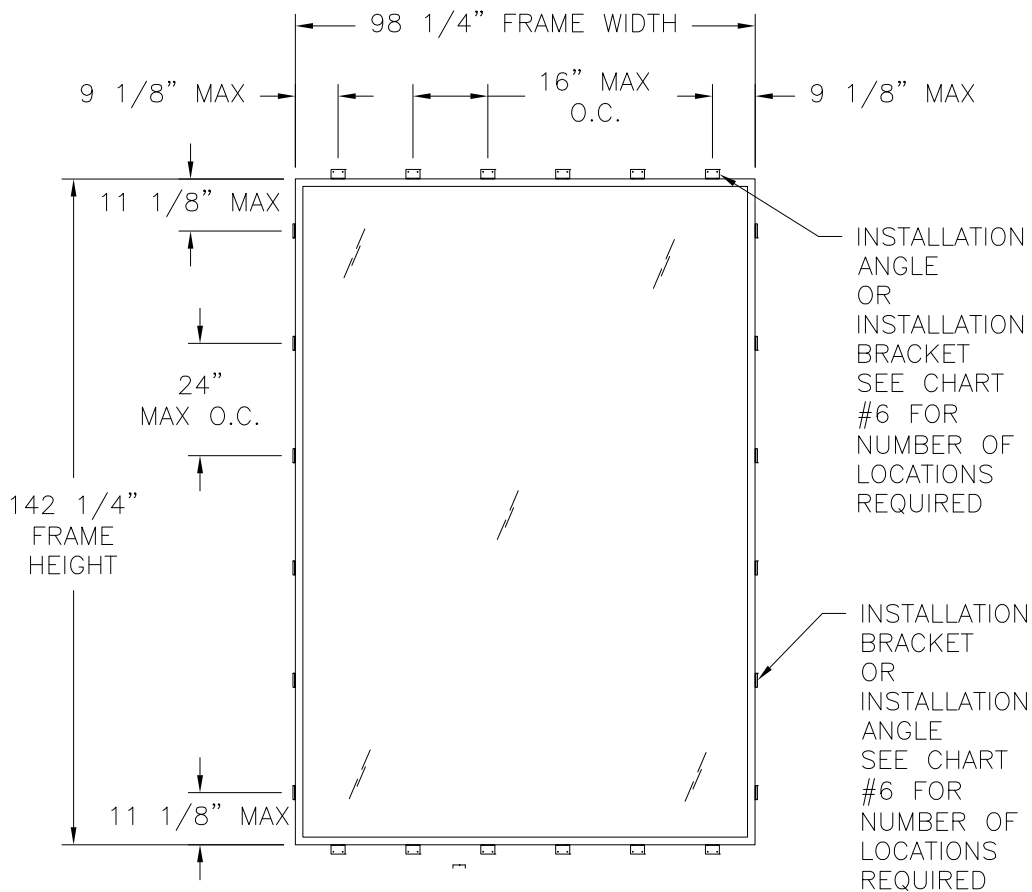
SHEET 1 OF 18

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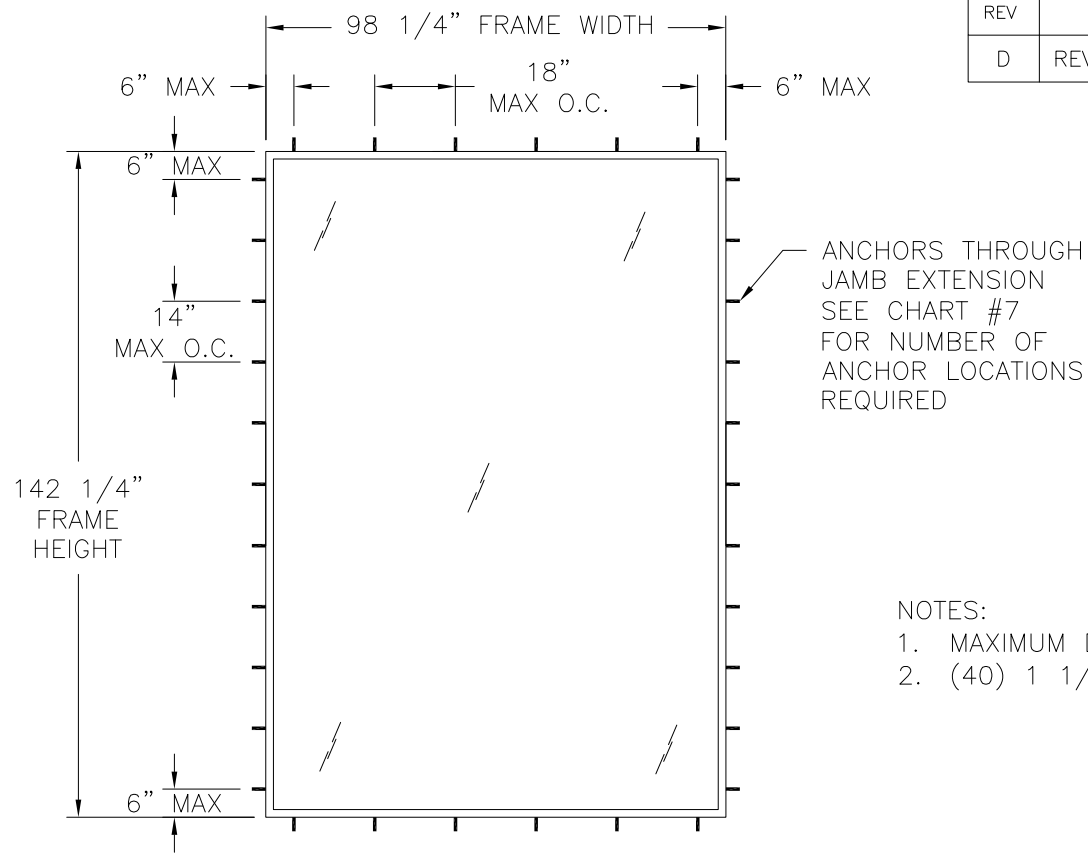
SIGNED: 02/10/2023



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



RWD35 FIXED IMPACT WINDOW
EXTERIOR VIEW
BRACKET & ANGLE INSTALLATION



RWD35 FIXED IMPACT WINDOW
EXTERIOR VIEW
ANCHORS THROUGH EXTENSION JAMB

REVISIONS			
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D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.

- NOTES:
1. MAXIMUM D.L.O.: 94 7/8" X 138 7/8"
 2. (40) 1 1/4" 18 GAUGE STAINLESS STEEL BRAD

WITH GLAZING A

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
REFER TO CHART #1 FOR SMALLER UNITS RATINGS

WITH GLAZING C

DESIGN PRESSURE RATING	IMPACT RATING
±30.8PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
REFER TO CHART #3 FOR SMALLER UNITS RATINGS

WITH GLAZING E

DESIGN PRESSURE RATING	IMPACT RATING
±28.2PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
REFER TO CHART #5 FOR SMALLER UNITS RATINGS

98 1/4" X 142 1/4" UNIT SHOWN. OTHER SIZES APPROVED AS LONG
AS FRAME AREA DOES NOT EXCEED 97.05 FT²

WITH GLAZING B

DESIGN PRESSURE RATING	IMPACT RATING
±30.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
REFER TO CHART #2 FOR SMALLER UNITS RATINGS

WITH GLAZING D

DESIGN PRESSURE RATING	IMPACT RATING
±34.4PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
REFER TO CHART #4 FOR SMALLER UNITS RATINGS

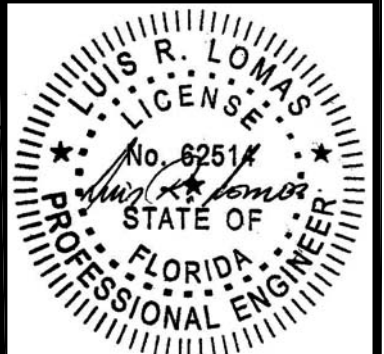
REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
ELEVATIONS

DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 2 OF 18

L. ROBERTO LOMAS P.E.
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SIGNED: 02/10/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.

CHART #1
Design pressure with glazing A (psf)

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	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
66.0	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	75.0	75.0
72.0	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	73.7	73.7	71.8	71.8
78.0	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	73.3	73.3	71.7	71.7	70.2	70.2	68.2	68.2
84.0	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	72.7	72.7	70.7	70.7	68.9	68.9	67.4	67.4	65.2	65.2
90.0	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	70.8	70.8	68.6	68.6	66.7	66.7	65.1	65.1	62.7	62.7
96.0	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	72.4	72.4	69.4	69.4	67.0	67.0	64.9	64.9	63.2	63.2	60.7	60.7
102.0	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	71.7	71.7	68.5	68.5	65.8	65.8	63.6	63.6	61.7	61.7	-	-
108.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.5	73.5	72.4	72.4	72.1	72.1	71.7	71.7	71.5	71.5	67.9	67.9	65.0	65.0	62.5	62.5	-	-	-	-
114.0	75.0	75.0	75.0	75.0	75.0	75.0	72.7	72.7	70.8	70.8	69.4	69.4	69.0	69.0	68.5	68.5	67.9	67.9	67.7	67.7	64.5	64.5	-	-	-	-	-	-
120.0	75.0	75.0	75.0	75.0	73.3	73.3	70.7	70.7	68.6	68.6	67.0	67.0	66.5	66.5	65.8	65.8	65.0	65.0	64.5	64.5	-	-	-	-	-	-	-	-
126.0	75.0	75.0	75.0	75.0	71.7	71.7	68.9	68.9	66.7	66.7	64.9	64.9	64.4	64.4	63.6	63.6	62.5	62.5	-	-	-	-	-	-	-	-	-	-
132.0	75.0	75.0	73.7	73.7	70.2	70.2	67.4	67.4	65.1	65.1	63.2	63.2	62.6	62.6	61.7	61.7	-	-	-	-	-	-	-	-	-	-	-	-
142.3	75.0	75.0	71.8	71.8	68.2	68.2	65.2	65.2	62.7	62.7	60.7	60.7	60.0	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHART #2
Design pressure with glazing B (psf)

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	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
66.0	58.4	58.4	53.9	53.9	50.6	50.6	48.1	48.1	46.1	46.1	44.5	44.5	43.9	43.9	43.1	43.1	42.0	42.0	41.1	41.1	40.3	40.3	39.5	39.5	38.9	38.9	38.0	38.0
72.0	53.9	53.9	53.5	53.5	49.7	49.7	46.8	46.8	44.6	44.6	42.8	42.8	42.2	42.2	41.3	41.3	40.1	40.1	39.1	39.1	38.2	38.2	37.5	37.5	36.8	36.8	35.8	35.8
78.0	50.6	50.6	49.7	49.7	49.4	49.4	46.1	46.1	43.6	43.6	41.6	41.6	41.0	41.0	40.0	40.0	38.7	38.7	37.5	37.5	36.6	36.6	35.8	35.8	35.1	35.1	34.0	34.0
84.0	48.1	48.1	46.8	46.8	46.1	46.1	45.9	45.9	43.0	43.0	40.8	40.8	40.1	40.1	39.0	39.0	37.5	37.5	36.3	36.3	35.3	35.3	34.4	34.4	33.6	33.6	32.5	32.5
90.0	46.1	46.1	44.6	44.6	43.6	43.6	43.0	43.0	42.8	42.8	40.3	40.3	39.5	39.5	38.3	38.3	36.7	36.7	35.4	35.4	34.2	34.2	33.3	33.3	32.5	32.5	31.3	31.3
96.0	44.5	44.5	42.8	42.8	41.6	41.6	40.8	40.8	40.3	40.3	40.1	40.1	39.2	39.2	37.9	37.9	36.1	36.1	34.7	34.7	33.4	33.4	32.4	32.4	31.5	31.5	30.3	30.3
102.0	43.1	43.1	41.3	41.3	40.0	40.0	39.0	39.0	38.3	38.3	37.9	37.9	37.8	37.8	37.8	37.8	35.8	35.8	34.2	34.2	32.8	32.8	31.7	31.7	30.8	30.8	-	-
108.0	42.0	42.0	40.1	40.1	38.7	38.7	37.5	37.5	36.7	36.7	36.1	36.1	36.0	36.0	35.8	35.8	35.7	35.7	33.9	33.9	32.4	32.4	31.2	31.2	-	-	-	-
114.0	41.1	41.1	39.1	39.1	37.5	37.5	36.3	36.3	35.4	35.4	34.7	34.7	34.5	34.5	34.2	34.2	33.9	33.9	33.8	33.8	32.2	32.2	-	-	-	-	-	-
120.0	40.3	40.3	38.2	38.2	36.6	36.6	35.3	35.3	34.2	34.2	33.4	33.4	33.2	33.2	32.8	32.8	32.4	32.4	32.2	32.2	-	-	-	-	-	-	-	-
126.0	39.5	39.5	37.5	37.5	35.8	35.8	34.4	34.4	33.3	33.3	32.4	32.4	32.1	32.1	31.7	31.7	31.2	31.2	-	-	-	-	-	-	-	-	-	-
132.0	38.9	38.9	36.8	36.8	35.1	35.1	33.6	33.6	32.5	32.5	31.5	31.5	31.2	31.2	30.8	30.8	-	-	-	-	-	-	-	-	-	-	-	-
142.3	38.0	38.0	35.8	35.8	34.0	34.0	32.5	32.5	31.3	31.3	30.3	30.3	30.0	30.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
DESIGN PRESSURE CHARTS

DRAWN:
N.G.

DWG NO.
08-02835

REV
D

SCALE NTS

DATE 11/02/15

SHEET 3 OF 18

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.

CHART #3
Design pressure with glazing C (psf)

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	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
66.0	60.0	60.0	55.4	55.4	52.0	52.0	49.4	49.4	47.4	47.4	45.7	45.7	45.2	45.2	44.3	44.3	43.2	43.2	42.2	42.2	41.4	41.4	40.6	40.6	40.0	40.0	39.1	39.1
72.0	55.4	55.4	55.0	55.0	51.1	51.1	48.1	48.1	45.8	45.8	44.0	44.0	43.4	43.4	42.5	42.5	41.2	41.2	40.2	40.2	39.3	39.3	38.5	38.5	37.8	37.8	36.8	36.8
78.0	52.0	52.0	51.1	51.1	50.8	50.8	47.4	47.4	44.8	44.8	42.7	42.7	42.1	42.1	41.1	41.1	39.7	39.7	38.6	38.6	37.6	37.6	36.8	36.8	36.0	36.0	35.0	35.0
84.0	49.4	49.4	48.1	48.1	47.4	47.4	47.1	47.1	44.2	44.2	41.9	41.9	41.2	41.2	40.1	40.1	38.6	38.6	37.3	37.3	36.3	36.3	35.3	35.3	34.6	34.6	33.4	33.4
90.0	47.4	47.4	45.8	45.8	44.8	44.8	44.2	44.2	44.0	44.0	41.4	41.4	40.6	40.6	39.4	39.4	37.7	37.7	36.3	36.3	35.2	35.2	34.2	34.2	33.4	33.4	32.2	32.2
96.0	45.7	45.7	44.0	44.0	42.7	42.7	41.9	41.9	41.4	41.4	41.2	41.2	40.3	40.3	38.9	38.9	37.1	37.1	35.6	35.6	34.4	34.4	33.3	33.3	32.4	32.4	31.1	31.1
102.0	44.3	44.3	42.5	42.5	41.1	41.1	40.1	40.1	39.4	39.4	38.9	38.9	38.9	38.9	38.8	38.8	36.8	36.8	35.1	35.1	33.8	33.8	32.6	32.6	31.6	31.6	-	-
108.0	43.2	43.2	41.2	41.2	39.7	39.7	38.6	38.6	37.7	37.7	37.1	37.1	37.0	37.0	36.8	36.8	36.7	36.7	34.8	34.8	33.3	33.3	32.1	32.1	-	-	-	-
114.0	42.2	42.2	40.2	40.2	38.6	38.6	37.3	37.3	36.3	36.3	35.6	35.6	35.4	35.4	35.1	35.1	34.8	34.8	34.7	34.7	33.1	33.1	-	-	-	-	-	-
120.0	41.4	41.4	39.3	39.3	37.6	37.6	36.3	36.3	35.2	35.2	34.4	34.4	34.1	34.1	33.8	33.8	33.3	33.3	33.1	33.1	-	-	-	-	-	-	-	-
126.0	40.6	40.6	38.5	38.5	36.8	36.8	35.3	35.3	34.2	34.2	33.3	33.3	33.0	33.0	32.6	32.6	32.1	32.1	-	-	-	-	-	-	-	-	-	-
132.0	40.0	40.0	37.8	37.8	36.0	36.0	34.6	34.6	33.4	33.4	32.4	32.4	32.1	32.1	31.6	31.6	-	-	-	-	-	-	-	-	-	-	-	-
142.3	39.1	39.1	36.8	36.8	35.0	35.0	33.4	33.4	32.2	32.2	31.1	31.1	30.8	30.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHART #4
Design pressure with glazing D (psf)

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	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
66.0	67.1	67.1	61.9	61.9	58.1	58.1	55.2	55.2	53.0	53.0	51.1	51.1	50.5	50.5	49.6	49.6	48.3	48.3	47.2	47.2	46.3	46.3	45.4	45.4	44.7	44.7	43.7	43.7
72.0	61.9	61.9	61.5	61.5	57.1	57.1	53.8	53.8	51.2	51.2	49.2	49.2	48.5	48.5	47.5	47.5	46.1	46.1	44.9	44.9	43.9	43.9	43.0	43.0	42.3	42.3	41.2	41.2
78.0	58.1	58.1	57.1	57.1	56.8	56.8	53.0	53.0	50.1	50.1	47.8	47.8	47.1	47.1	45.9	45.9	44.4	44.4	43.1	43.1	42.0	42.0	41.1	41.1	40.3	40.3	39.1	39.1
84.0	55.2	55.2	53.8	53.8	53.0	53.0	52.7	52.7	49.4	49.4	46.8	46.8	46.0	46.0	44.8	44.8	43.1	43.1	41.7	41.7	40.5	40.5	39.5	39.5	38.7	38.7	37.4	37.4
90.0	53.0	53.0	51.2	51.2	50.1	50.1	49.4	49.4	49.2	49.2	46.3	46.3	45.4	45.4	44.0	44.0	42.2	42.2	40.6	40.6	39.4	39.4	38.3	38.3	37.3	37.3	36.0	36.0
96.0	51.1	51.1	49.2	49.2	47.8	47.8	46.8	46.8	46.3	46.3	46.1	46.1	45.1	45.1	43.6	43.6	41.5	41.5	39.8	39.8	38.4	38.4	37.2	37.2	36.2	36.2	34.8	34.8
102.0	49.6	49.6	47.5	47.5	45.9	45.9	44.8	44.8	44.0	44.0	43.6	43.6	43.5	43.5	43.4	43.4	41.1	41.1	39.3	39.3	37.7	37.7	36.5	36.5	35.4	35.4	-	-
108.0	48.3	48.3	46.1	46.1	44.4	44.4	43.1	43.1	42.2	42.2	41.5	41.5	41.3	41.3	41.1	41.1	41.0	41.0	38.9	38.9	37.3	37.3	35.9	35.9	-	-	-	-
114.0	47.2	47.2	44.9	44.9	43.1	43.1	41.7	41.7	40.6	40.6	39.8	39.8	39.6	39.6	39.3	39.3	38.9	38.9	38.8	38.8	37.0	37.0	-	-	-	-	-	-
120.0	46.3	46.3	43.9	43.9	42.0	42.0	40.5	40.5	39.4	39.4	38.4	38.4	38.1	38.1	37.7	37.7	37.3	37.3	37.0	37.0	-	-	-	-	-	-	-	-
126.0	45.4	45.4	43.0	43.0	41.1	41.1	39.5	39.5	38.3	38.3	37.2	37.2	36.9	36.9	36.5	36.5	35.9	35.9	-	-	-	-	-	-	-	-	-	-
132.0	44.7	44.7	42.3	42.3	40.3	40.3	38.7	38.7	37.3	37.3	36.2	36.2	35.9	35.9	35.4	35.4	-	-	-	-	-	-	-	-	-	-	-	-
142.3	43.7	43.7	41.2	41.2	39.1	39.1	37.4	37.4	36.0	36.0	34.8	34.8	34.4	34.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
DESIGN PRESSURE CHARTS

DRAWN:
N.G.

DWG NO.
08-02835

REV
D

SCALE NTS

DATE 11/02/15

SHEET 4 OF 18

L. ROBERTO LOMAS P.E.
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Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.

CHART #5
Design pressure with glazing E (psf)

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	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
66.0	54.9	54.9	50.7	50.7	47.6	47.6	45.2	45.2	43.3	43.3	41.8	41.8	41.3	41.3	40.6	40.6	39.5	39.5	38.6	38.6	37.8	37.8	37.2	37.2	36.6	36.6	35.7	35.7
72.0	50.7	50.7	50.3	50.3	46.7	46.7	44.0	44.0	41.9	41.9	40.2	40.2	39.7	39.7	38.9	38.9	37.7	37.7	36.8	36.8	35.9	35.9	35.2	35.2	34.6	34.6	33.7	33.7
78.0	47.6	47.6	46.7	46.7	46.4	46.4	43.3	43.3	41.0	41.0	39.1	39.1	38.5	38.5	37.6	37.6	36.3	36.3	35.3	35.3	34.4	34.4	33.6	33.6	33.0	33.0	32.0	32.0
84.0	45.2	45.2	44.0	44.0	43.3	43.3	43.1	43.1	40.4	40.4	38.3	38.3	37.7	37.7	36.6	36.6	35.3	35.3	34.1	34.1	33.2	33.2	32.3	32.3	31.6	31.6	30.6	30.6
90.0	43.3	43.3	41.9	41.9	41.0	41.0	40.4	40.4	40.2	40.2	37.9	37.9	37.1	37.1	36.0	36.0	34.5	34.5	33.2	33.2	32.2	32.2	31.3	31.3	30.5	30.5	29.4	29.4
96.0	41.8	41.8	40.2	40.2	39.1	39.1	38.3	38.3	37.9	37.9	37.7	37.7	36.9	36.9	35.6	35.6	34.0	34.0	32.6	32.6	31.4	31.4	30.5	30.5	29.6	29.6	28.5	28.5
102.0	40.6	40.6	38.9	38.9	37.6	37.6	36.6	36.6	36.0	36.0	35.6	35.6	35.6	35.6	35.5	35.5	33.6	33.6	32.1	32.1	30.9	30.9	29.8	29.8	28.9	28.9	-	-
108.0	39.5	39.5	37.7	37.7	36.3	36.3	35.3	35.3	34.5	34.5	34.0	34.0	33.8	33.8	33.6	33.6	33.5	33.5	31.9	31.9	30.5	30.5	29.3	29.3	-	-	-	-
114.0	38.6	38.6	36.8	36.8	35.3	35.3	34.1	34.1	33.2	33.2	32.6	32.6	32.4	32.4	32.1	32.1	31.9	31.9	31.8	31.8	30.3	30.3	-	-	-	-	-	-
120.0	37.8	37.8	35.9	35.9	34.4	34.4	33.2	33.2	32.2	32.2	31.4	31.4	31.2	31.2	30.9	30.9	30.5	30.5	30.3	30.3	-	-	-	-	-	-	-	-
126.0	37.2	37.2	35.2	35.2	33.6	33.6	32.3	32.3	31.3	31.3	30.5	30.5	30.2	30.2	29.8	29.8	29.3	29.3	-	-	-	-	-	-	-	-	-	-
132.0	36.6	36.6	34.6	34.6	33.0	33.0	31.6	31.6	30.5	30.5	29.6	29.6	29.4	29.4	28.9	28.9	-	-	-	-	-	-	-	-	-	-	-	-
142.3	35.7	35.7	33.7	33.7	32.0	32.0	30.6	30.6	29.4	29.4	28.5	28.5	28.2	28.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHART #6
Number of anchors locations required for units anchored using clip/bracket

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
66.0	4	3	5	3	5	3	6	3	6	3	6	3	6	3	7	3	7	3	7	3	8	3	8	3	9	3	9	3
72.0	4	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	4	7	4	8	4	8	4	9	4	9	4
78.0	4	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	4	7	4	8	4	8	4	9	4	9	4
84.0	4	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	4	7	4	8	4	8	4	9	4	9	4
90.0	4	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	4	7	4	8	4	8	4	9	4	9	4
96.0	4	5	5	5	5	5	6	5	6	5	6	5	6	5	7	5	7	5	7	5	8	5	8	5	9	5	9	5
102.0	4	5	5	5	5	5	6	5	6	5	6	5	6	5	7	5	7	5	7	5	8	5	8	5	9	5	-	-
108.0	4	5	5	5	5	5	6	5	6	5	6	5	6	5	7	5	7	5	7	5	8	5	8	5	-	-	-	-
114.0	4	5	5	5	5	5	6	5	6	5	6	5	6	5	7	5	7	5	7	5	8	5	8	5	-	-	-	-
120.0	4	6	5	6	5	6	6	6	6	6	6	6	6	6	7	6	7	6	7	6	-	-	-	-	-	-	-	-
126.0	4	6	5	6	5	6	6	6	6	6	6	6	6	6	7	6	7	6	-	-	-	-	-	-	-	-	-	-
132.0	4	6	5	6	5	6	6	6	6	6	6	6	6	6	7	6	-	-	-	-	-	-	-	-	-	-	-	-
142.3	4	6	5	6	5	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHART #7
Number of anchors locations required for units anchored through jamb extension

Frame Height (in)	Frame width (in)																											
	66.0		72.0		78.0		84.0		90.0		96.0		98.3		102.0		108.0		114.0		120.0		126.0		132.0		142.3	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
66.0	4	5	5	5	5	5	5	5	6	5	6	5	7	5	7	5	8	5	8	5	9	5	9	5	10	5	11	5
72.0	4	6	5	6	5	6	5	6	6	6	7	6	7	6	7	6	8	6	9	6	9	6	10	6	10	6	11	6
78.0	4	6	5	6	5	6	6	6	6	6	7	6	7	6	8	6	8	6	9	6	9	6	10	6	10	6	11	6
84.0	4	7	5	7	5	7	6	7	6	7	7	7	7	7	8	7	8	7	9	7	9	7	10	7	10	7	11	7
90.0	4	7	5	7	5	7	6	7	6	7	7	7	7	7	8	7	8	7	9	7	9	7	10	7	10	7	11	7
96.0	4	7	5	7	5	7	6	7	6	7	7	7	7	7	8	7	8	7	9	7	9	7	10	7	10	7	11	7
102.0	4	8	5	8	5	8	6	8	6	8	7	8	7	8	8	8	8	8	9	8	9	8	10	8	10	8	-	-
108.0	4	8	5	8	5	8	6	8	6	8	7	8	7	8	8	8	8	8	9	8	9	8	10	8	-	-	-	-
114.0	4	9	5	9	5	9	5	9	6	9	7	9	7	9	7	9	8	9	9	9	9	9	-	-	-	-	-	-
120.0	4	9	5	9	5	9	5	9	6	9	6	9	7	9	7	9	8	9	8	9	-	-	-	-	-	-	-	-
126.0	4	10	5	10	5	10	5	10	6	10	6	10	6	10	7	10	7	10	-	-	-	-	-	-	-	-	-	-
132.0	4	10	5	10	5	10	5	10	6	10	6	10	6	10	7	10	-	-	-	-	-	-	-	-	-	-	-	-
142.3	4	11	5	11	5	11	5	11	6	11	6	11	6	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
DESIGN PRESSURE & NUMBER OF ANCHORS CHARTS

DRAWN:
N.G.

DWG NO.
08-02835

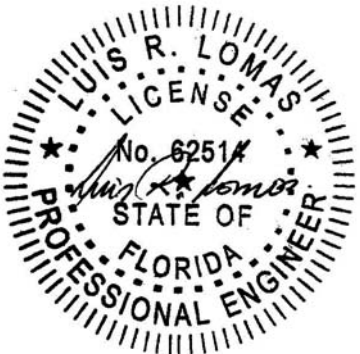
REV
D

SCALE NTS

DATE 11/02/15

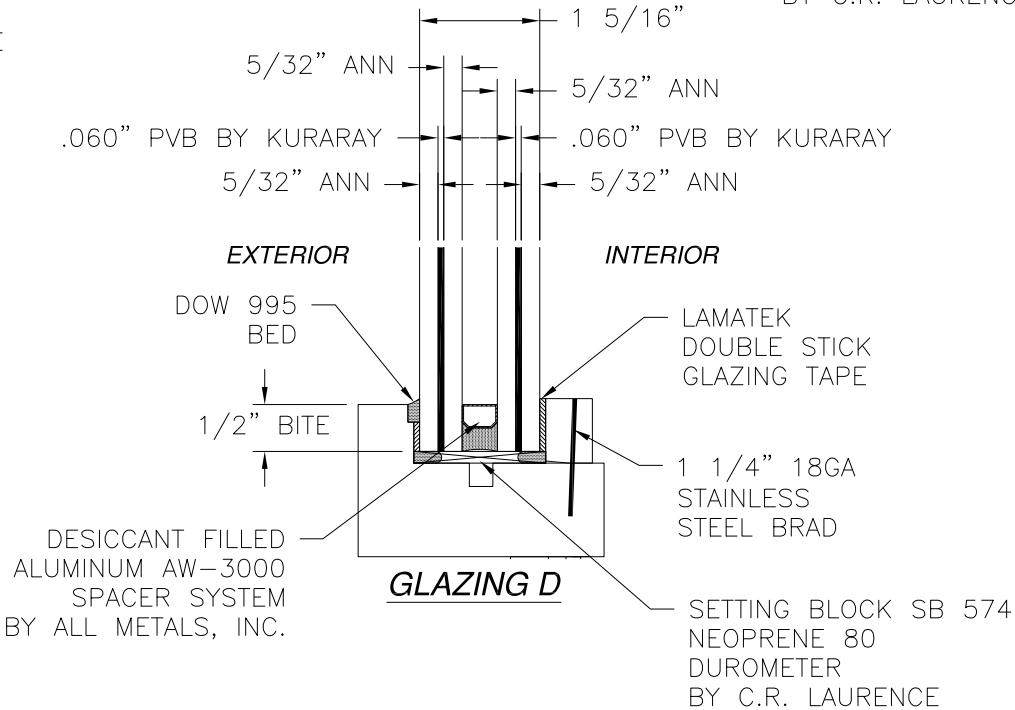
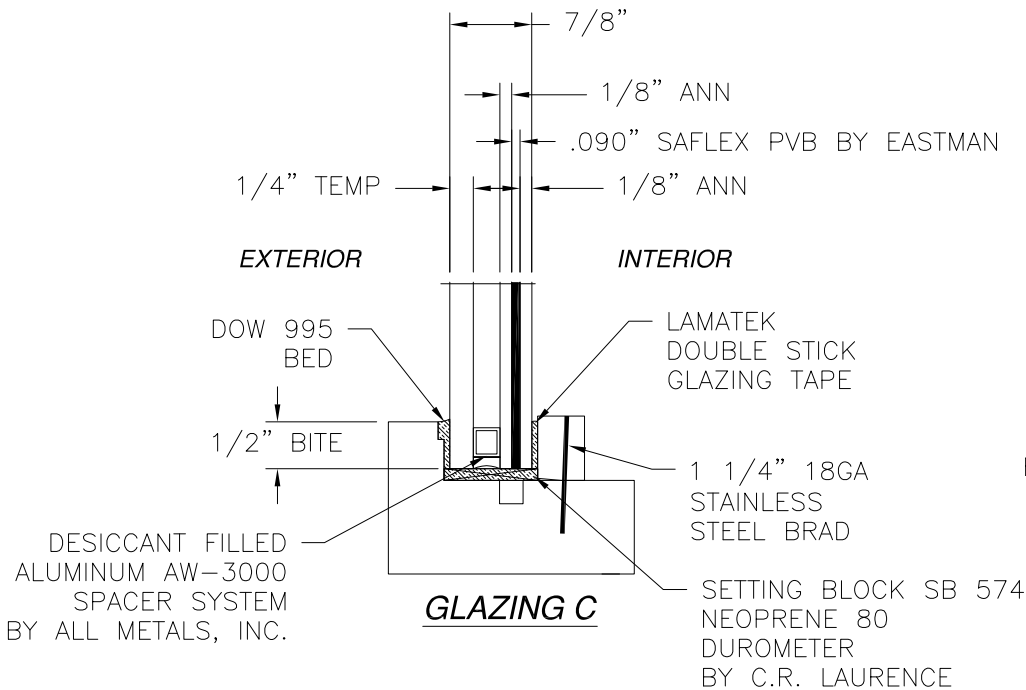
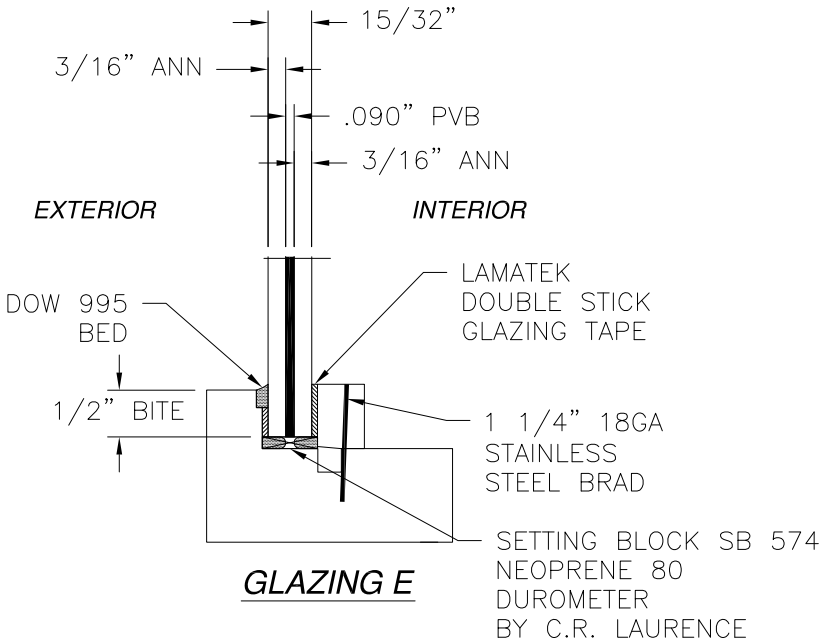
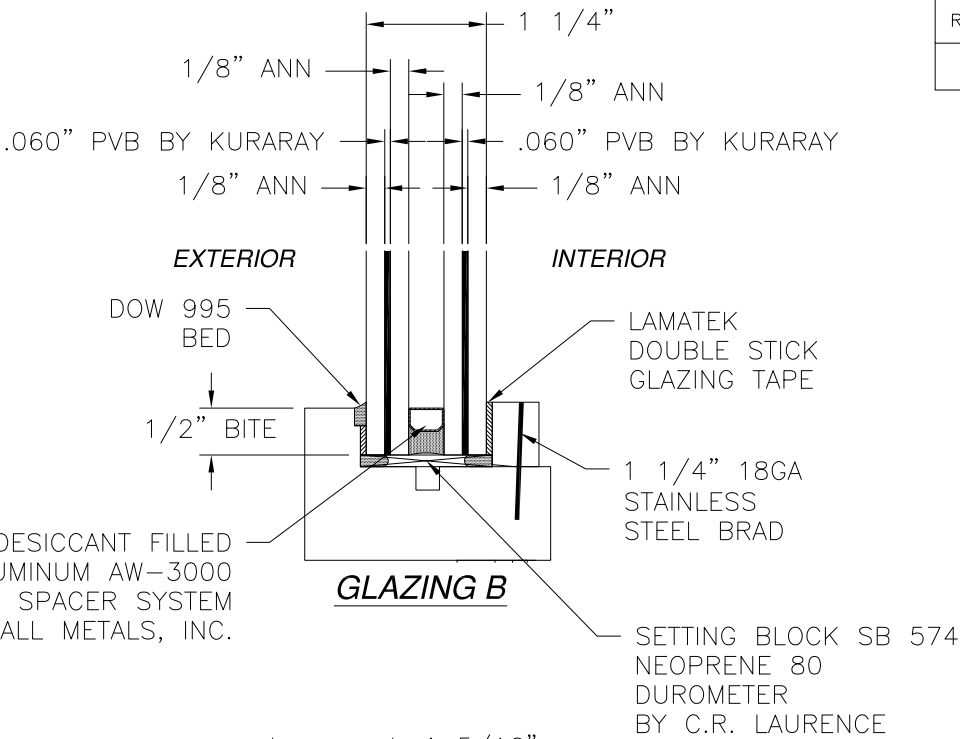
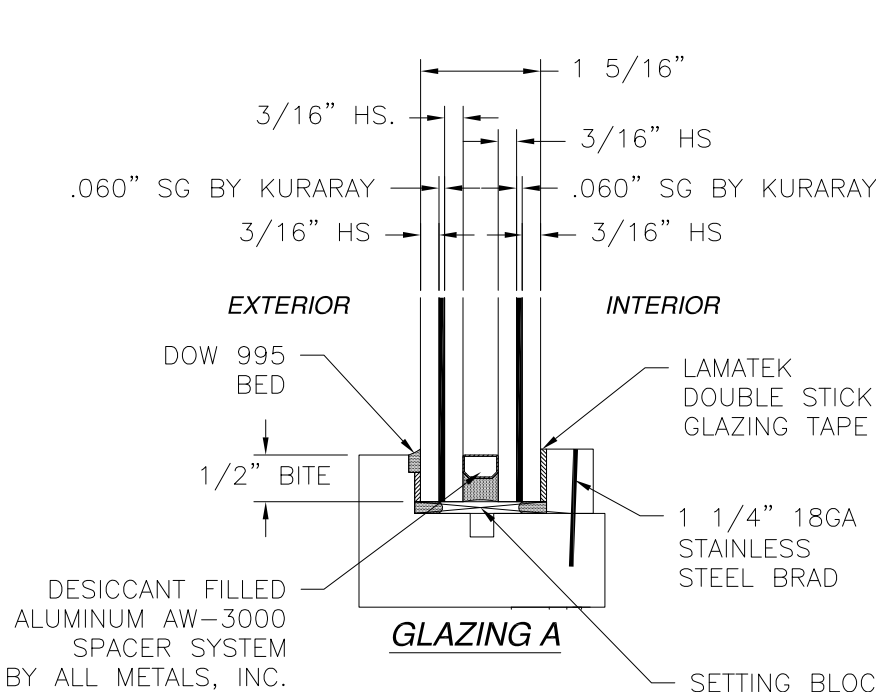
SHEET 5 OF 18

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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
GLAZING DETAILS

DRAWN:
N.G.

DWG NO.
08-02835

REV
D

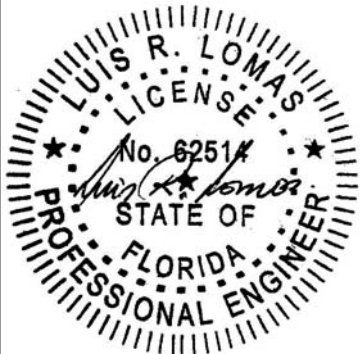
SCALE NTS

DATE 11/02/15

SHEET 6 OF 18

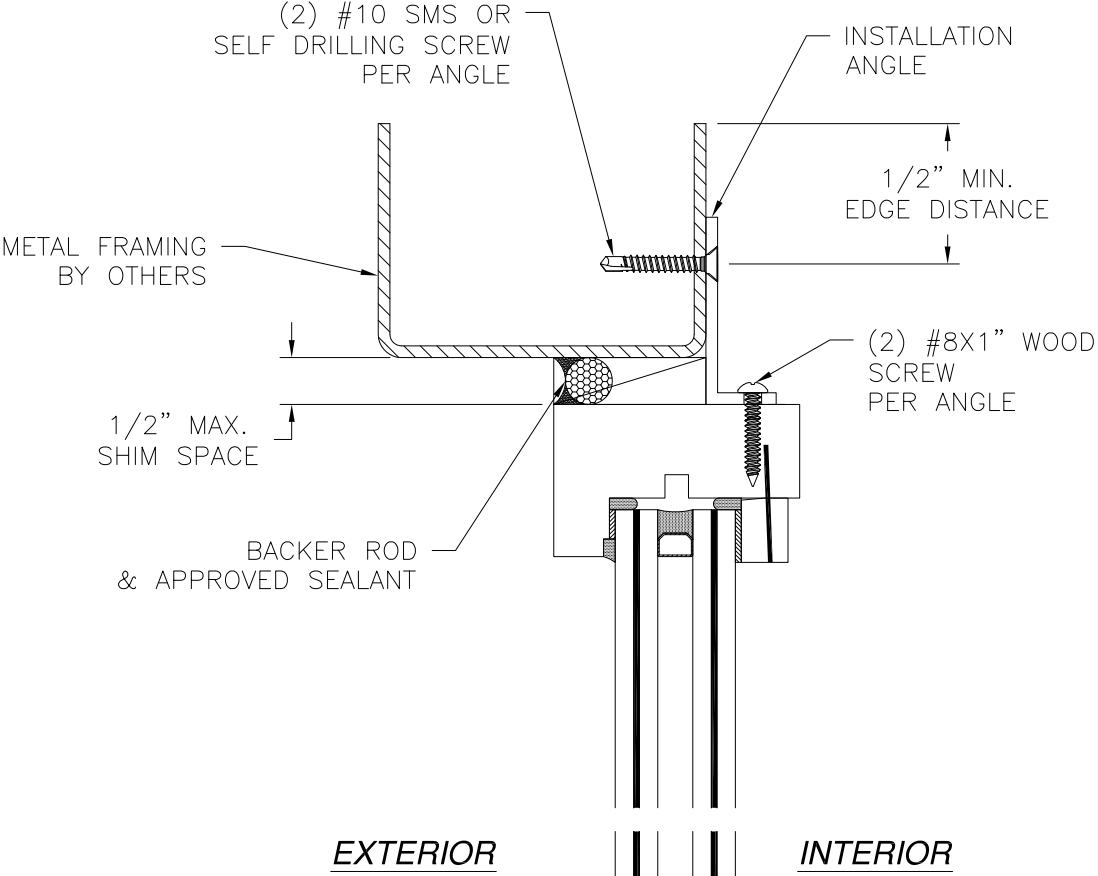
L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
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SIGNED: 02/10/2023

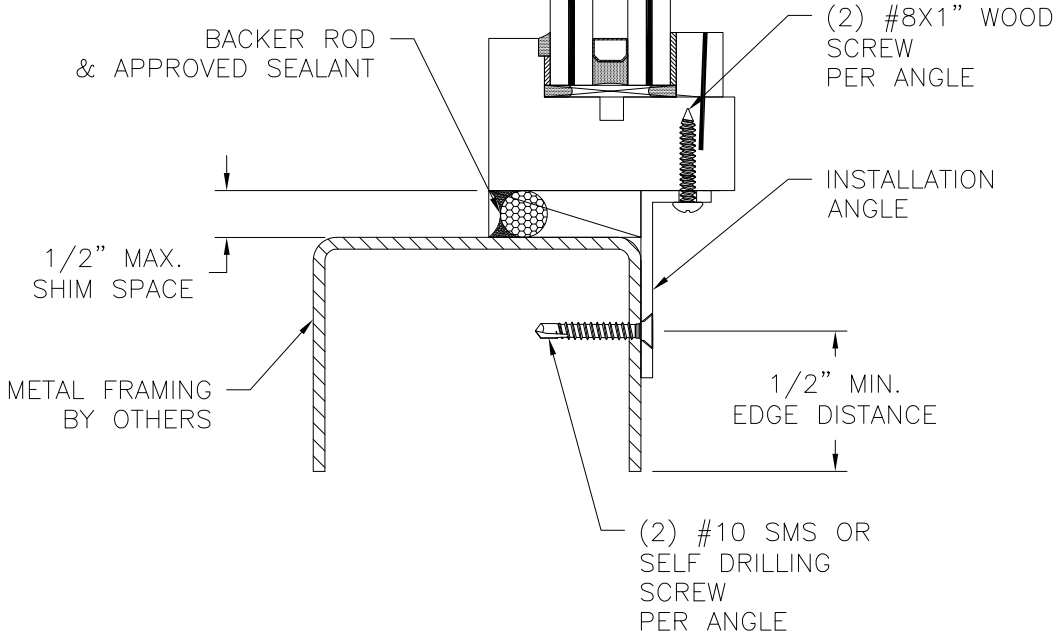


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FL No.: 62514

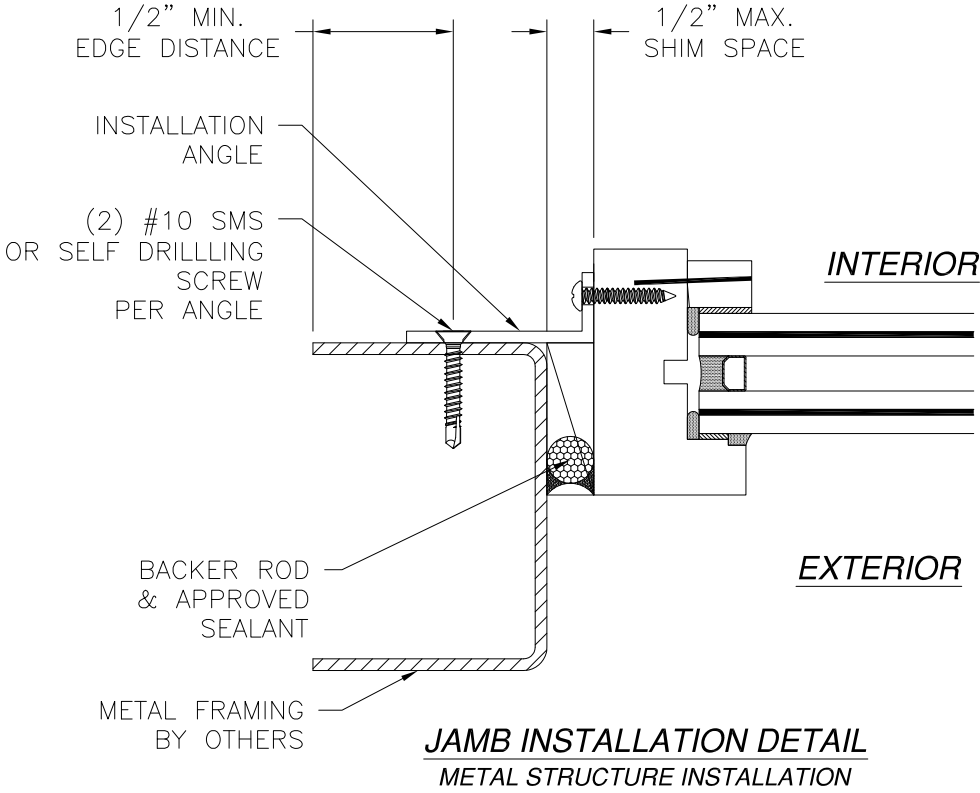
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE 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: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
INSTALLATION DETAILS W/INSTALLATION ANGLE

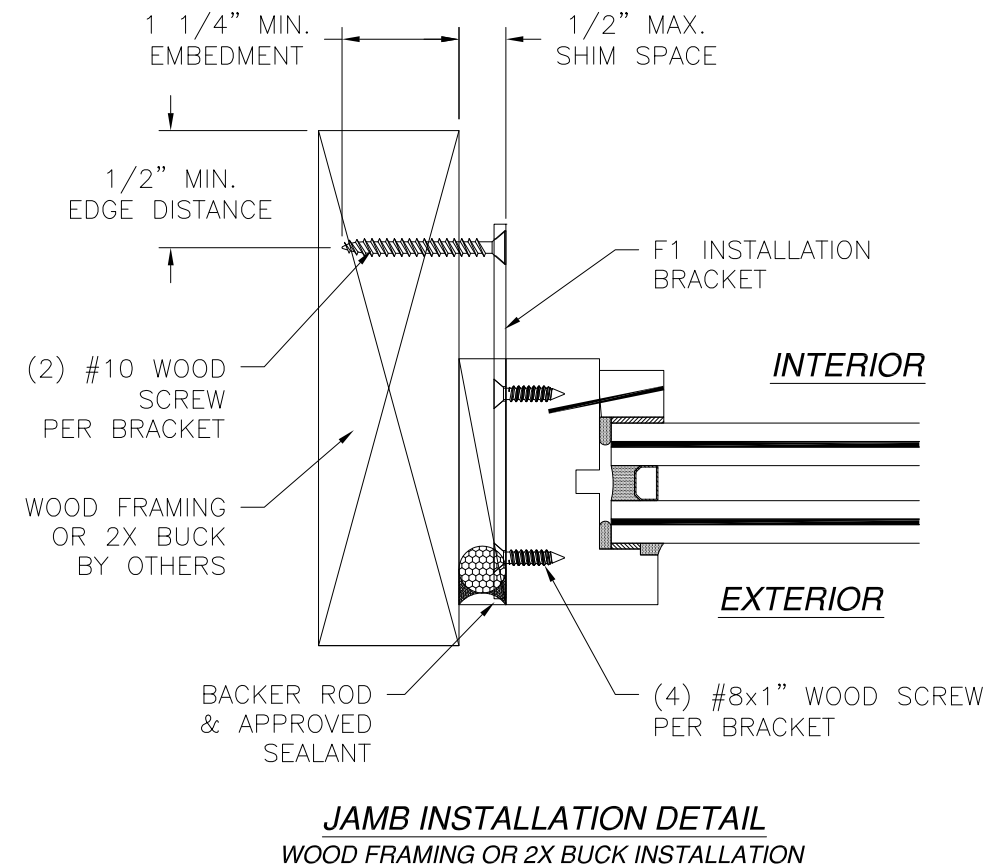
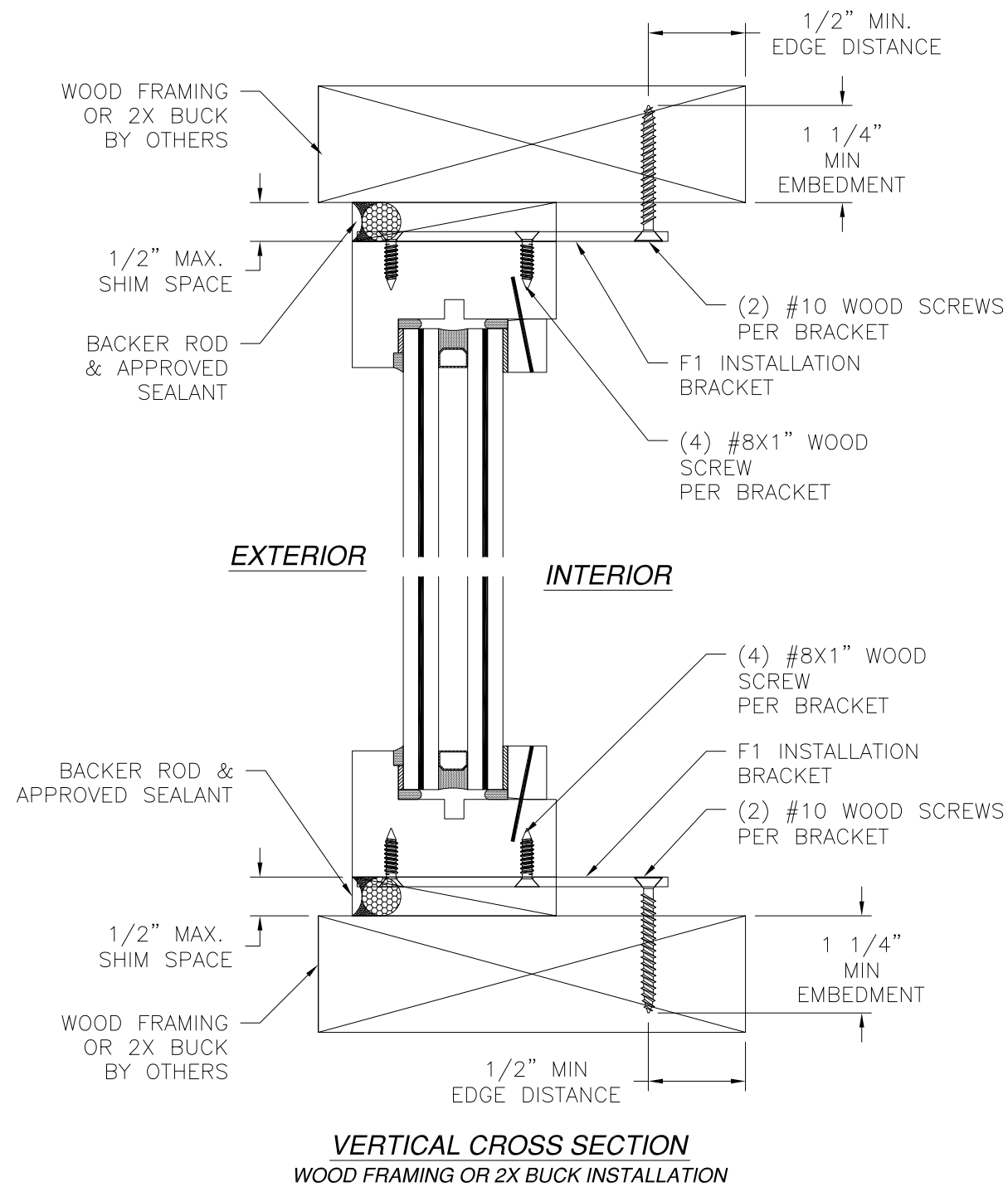
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 8 OF 18

L. ROBERTO LOMAS P.E.
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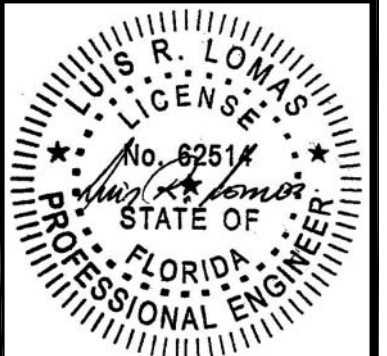
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



- 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

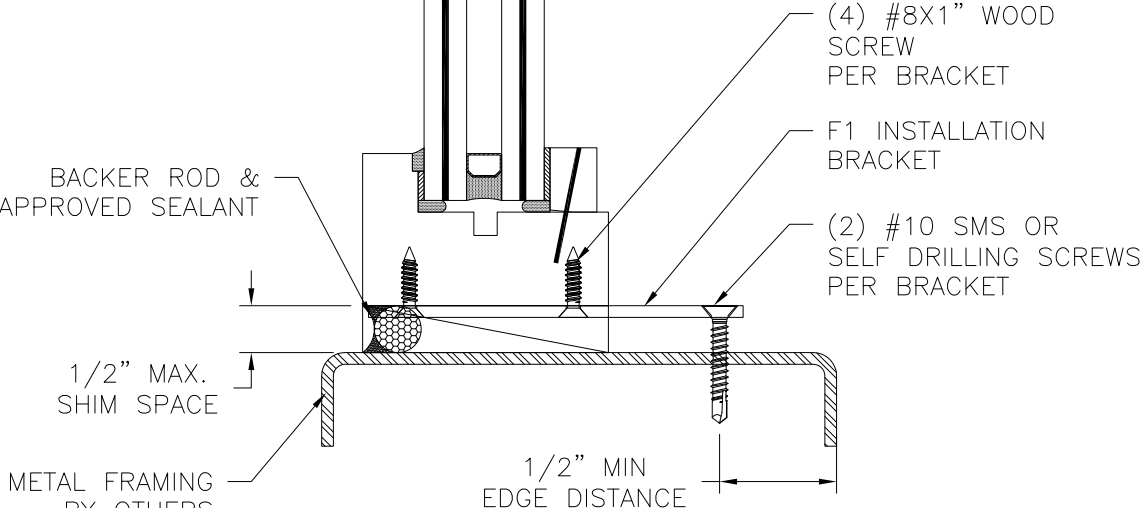
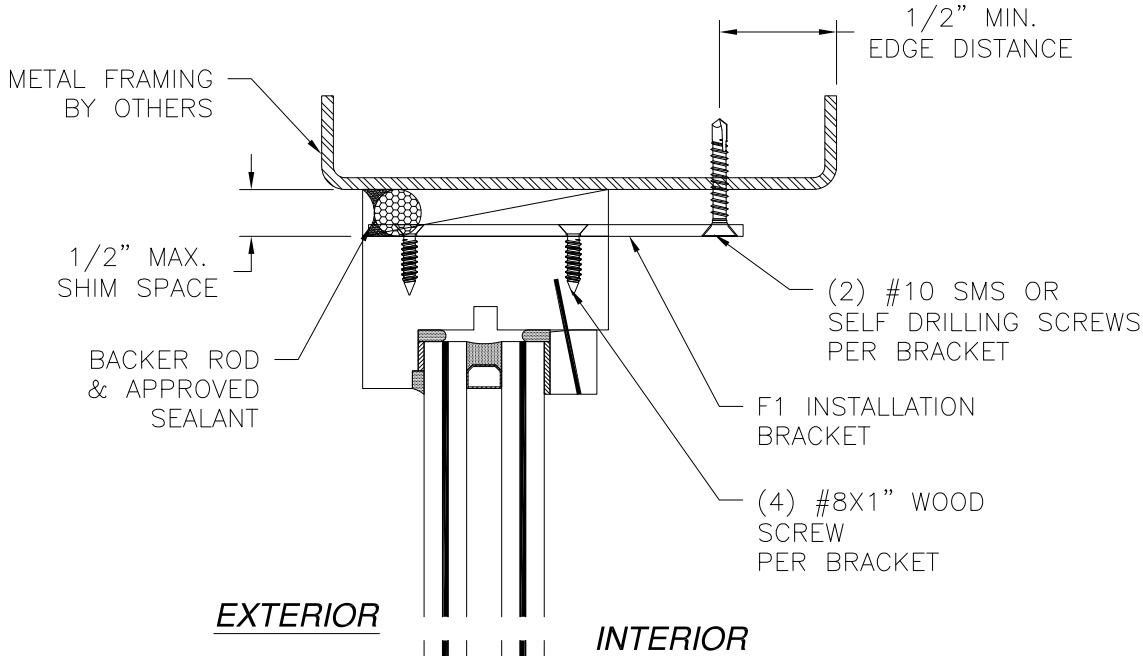
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD35 FIXED IMPACT WINDOW F1 INSTALLATION BRACKET DETAILS		
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 9 OF 18
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

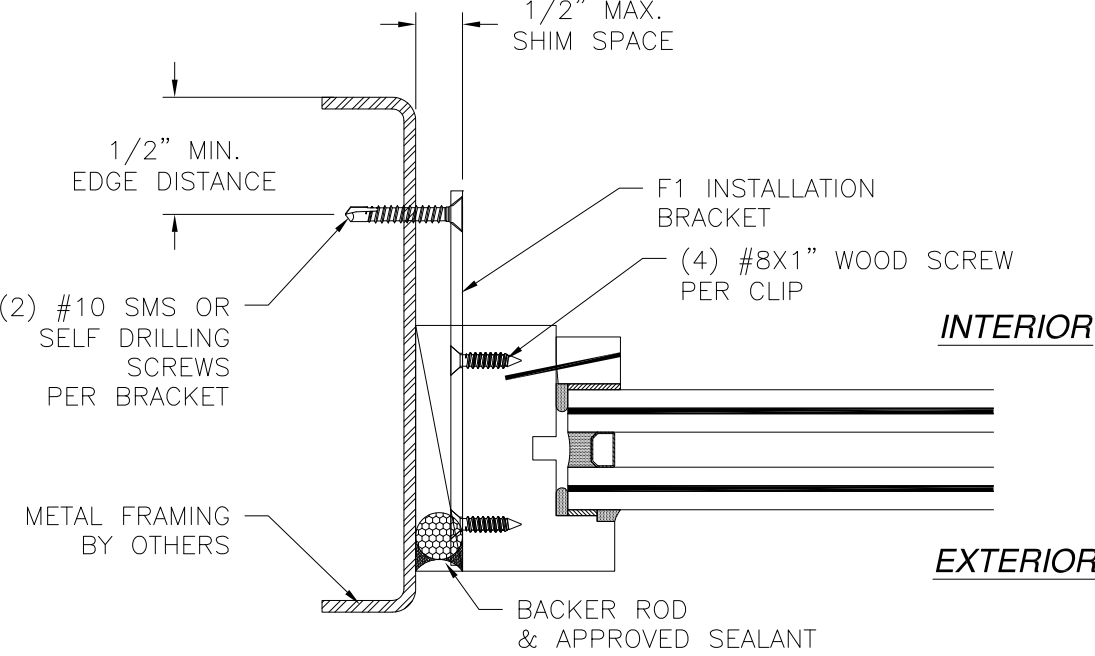


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



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

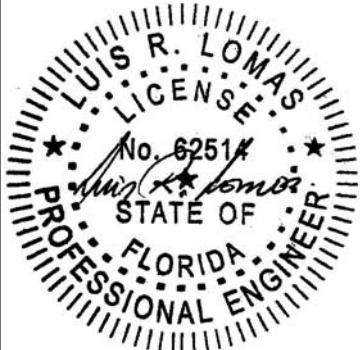
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
F1 INSTALLATION BRACKET DETAILS

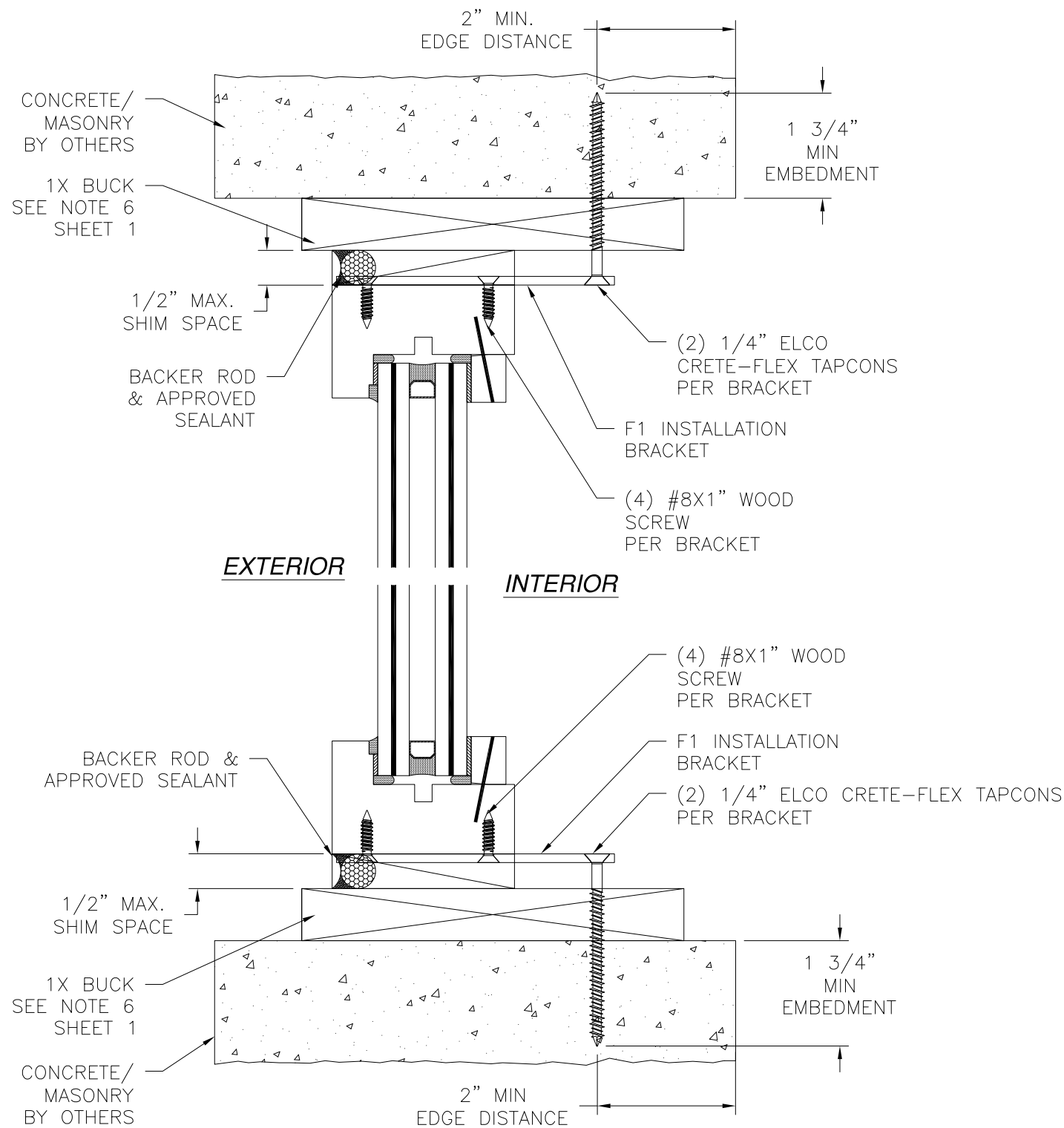
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 10 OF 18

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434-688-0609 rllomas@rlomaspe.com



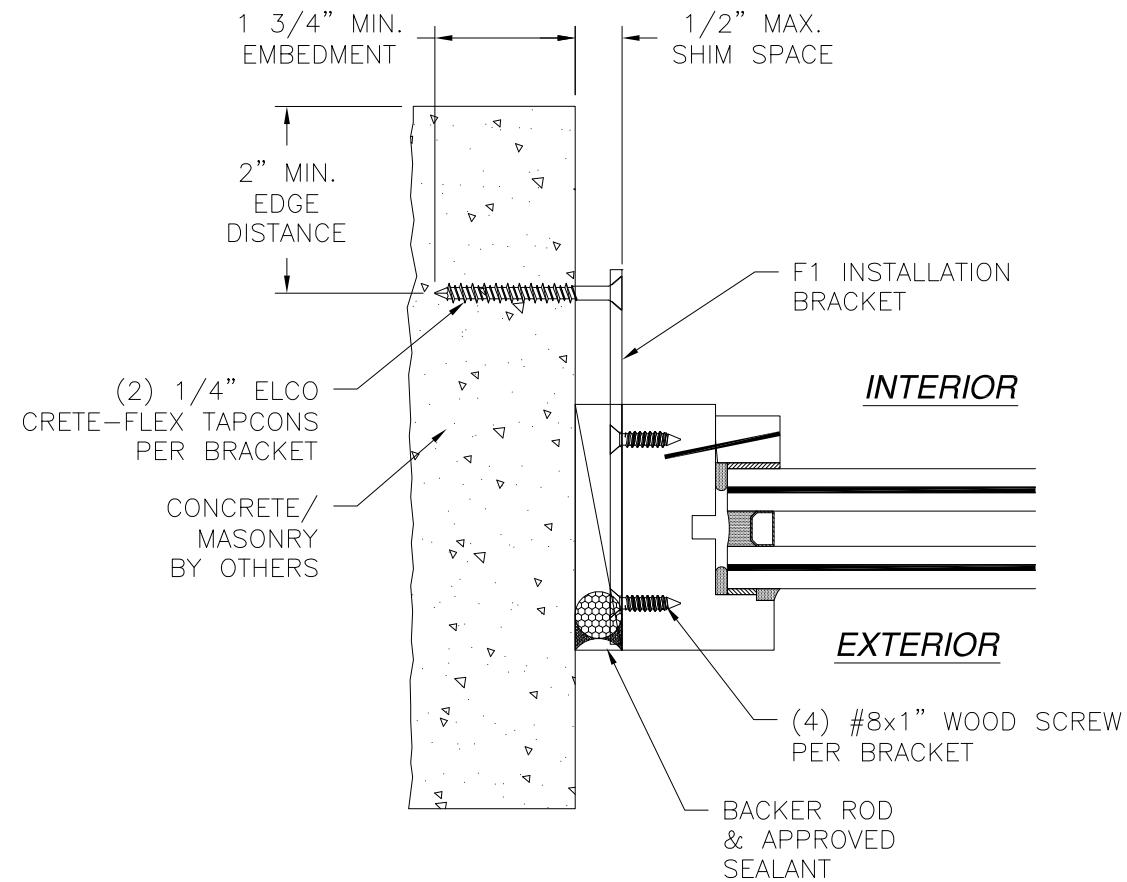
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



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

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

REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW

F1 INSTALLATION BRACKETS DETAILS

DRAWN: N.G.

DWG NO. 08-02835

REV D

SCALE NTS

DATE 11/02/15

SHEET 11 OF 18

L. ROBERTO LOMAS P.E.

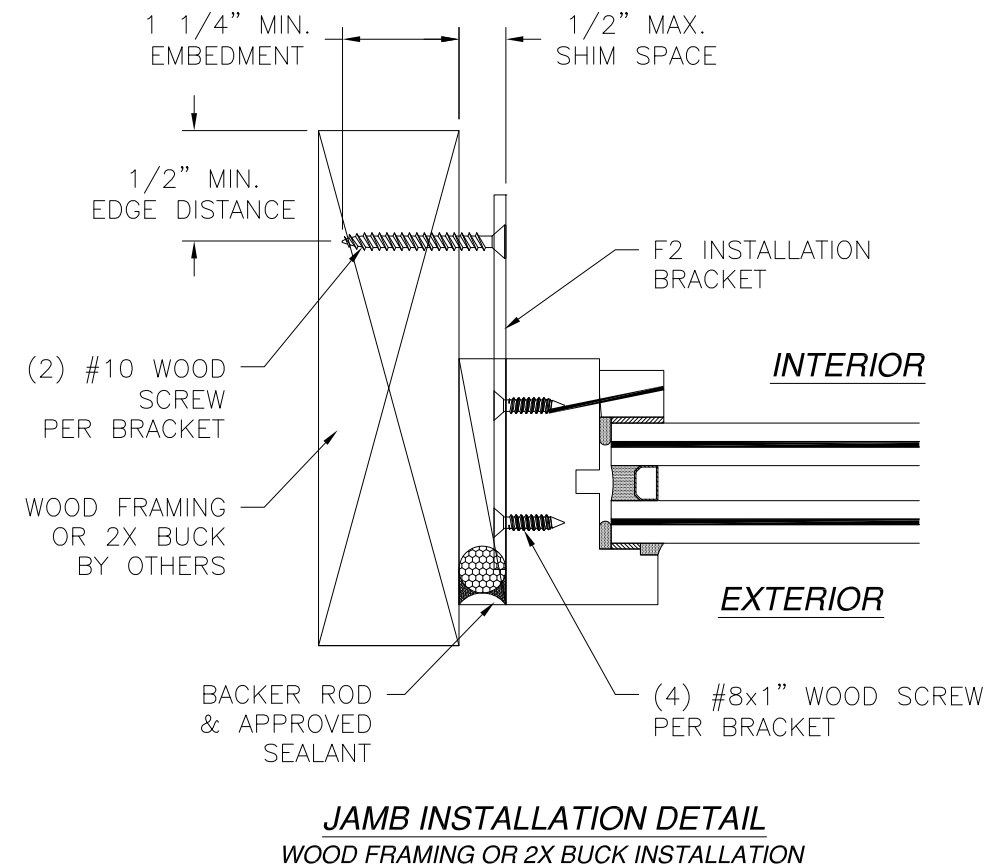
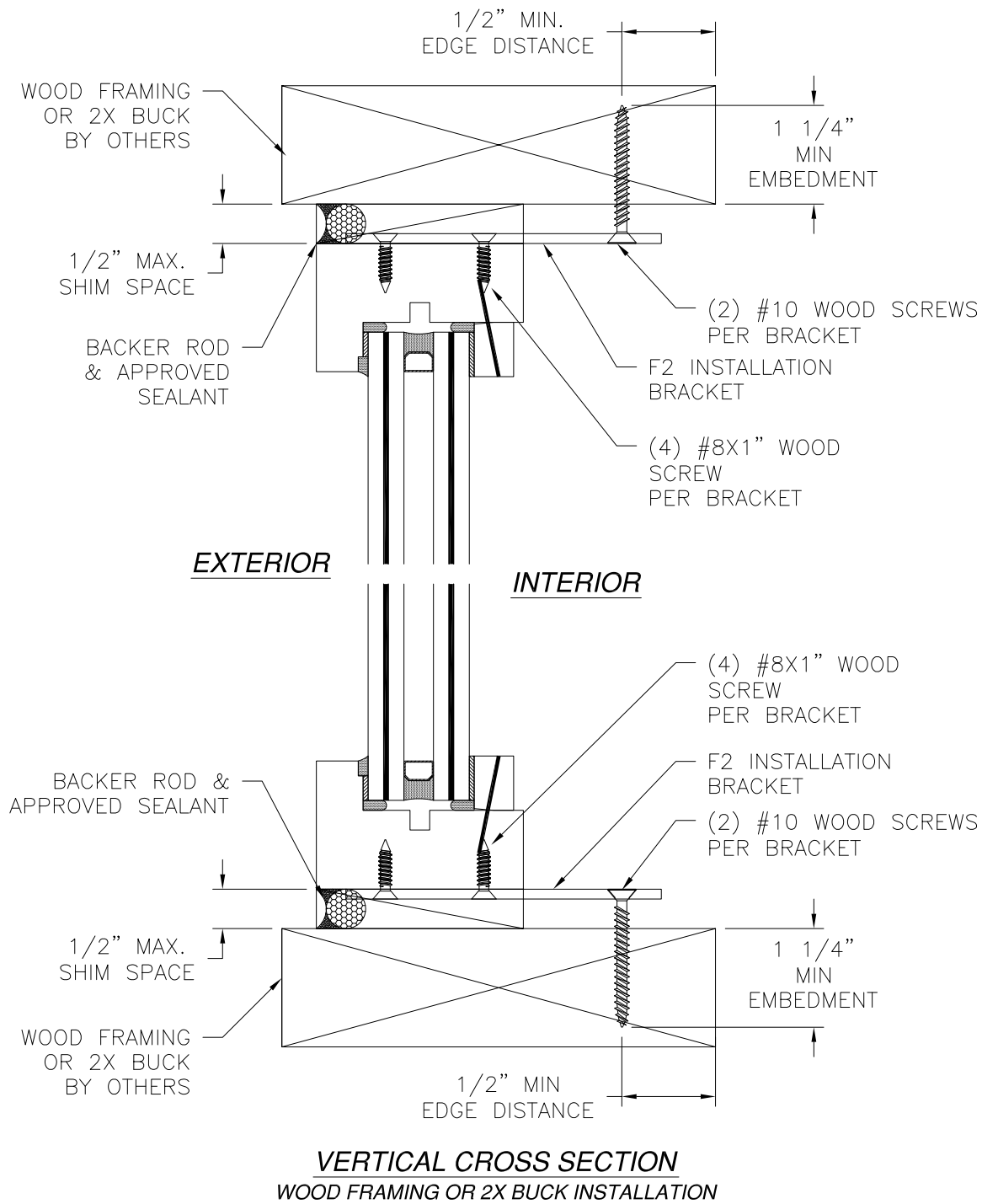
400 S. PALM AVE, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/10/2023

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

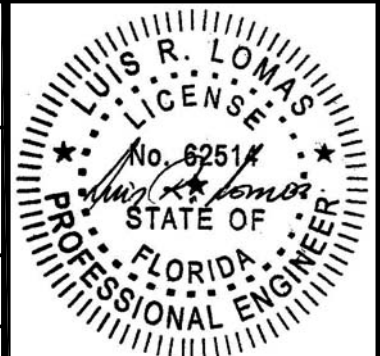
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



- 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

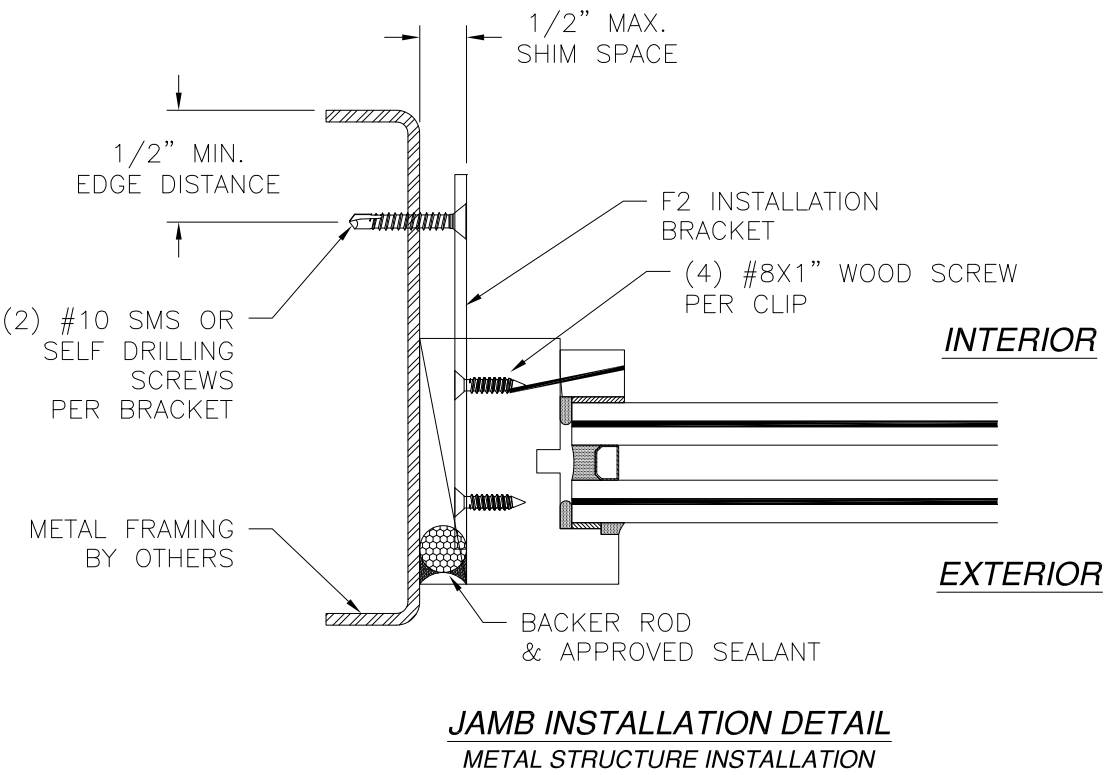
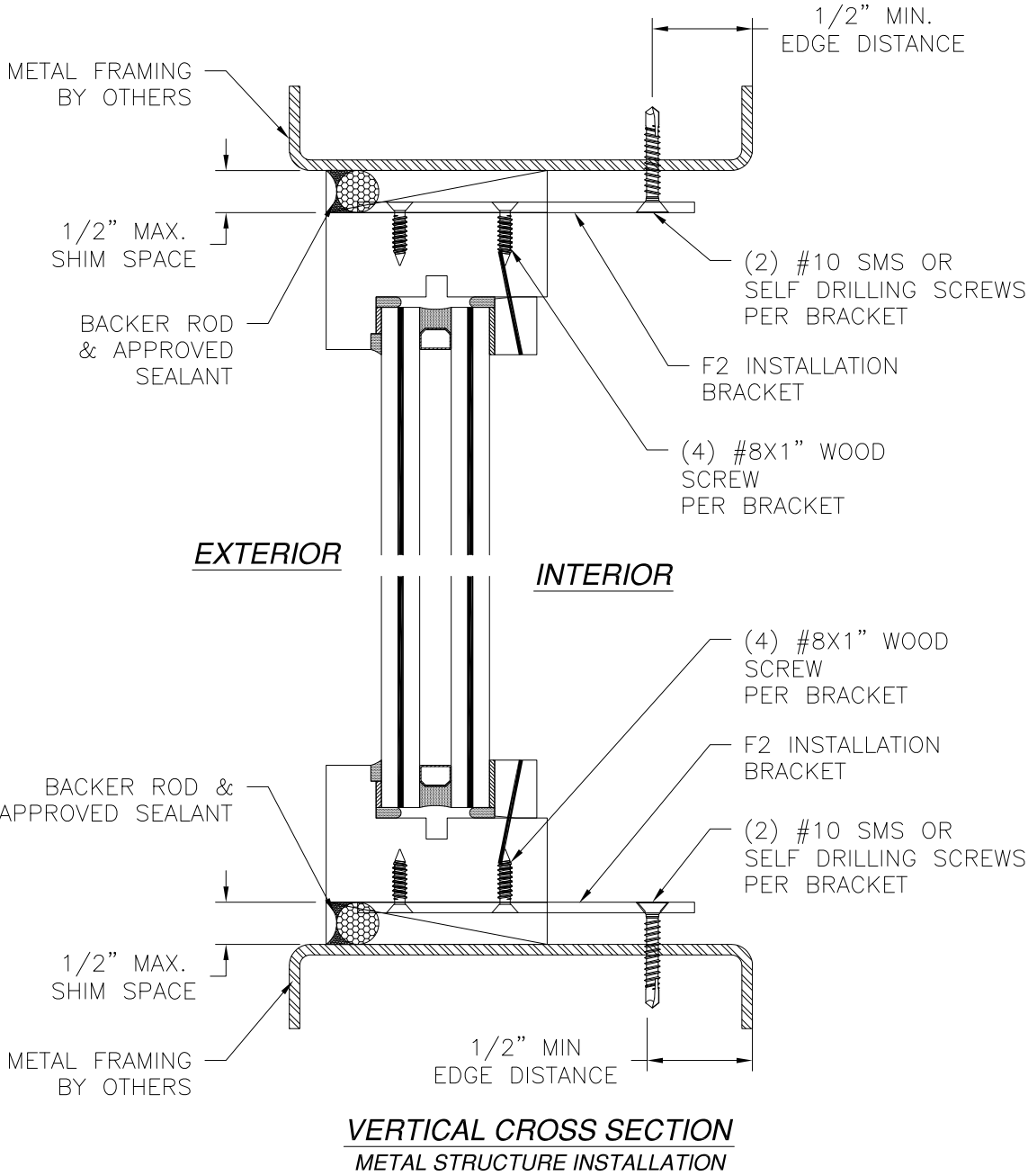
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD35 FIXED IMPACT WINDOW F2 INSTALLATION BRACKET DETAILS		
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 12 OF 18
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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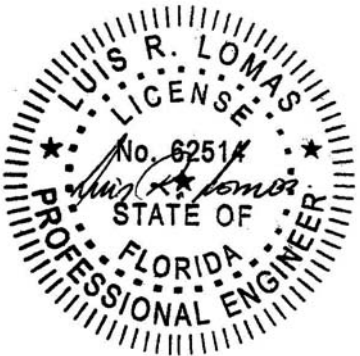
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
F2 INSTALLATION BRACKET DETAILS

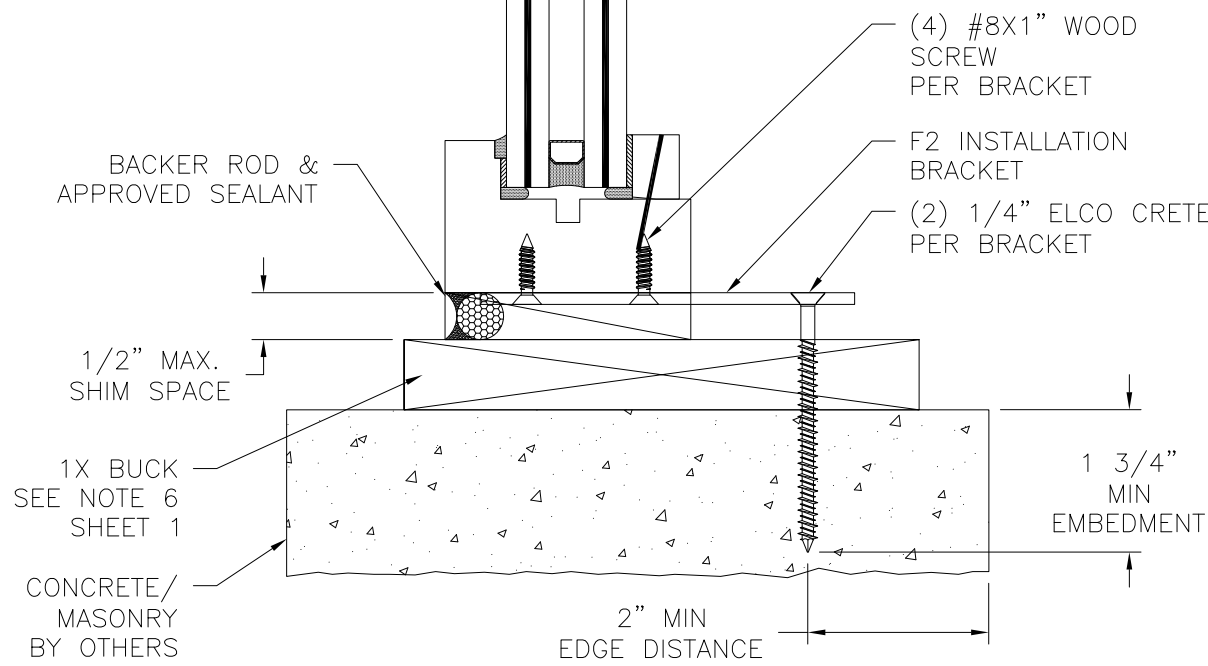
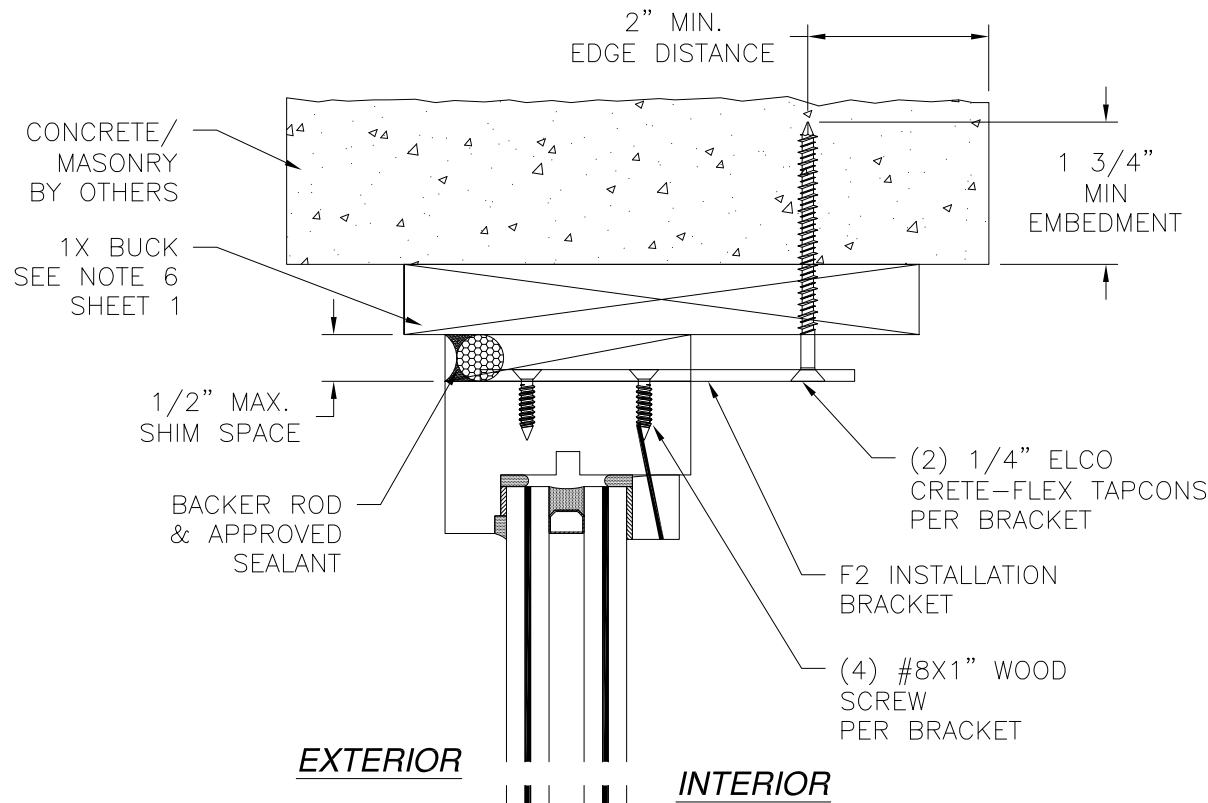
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SCALE NTS	DATE 11/02/15	SHEET 13 OF 18

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

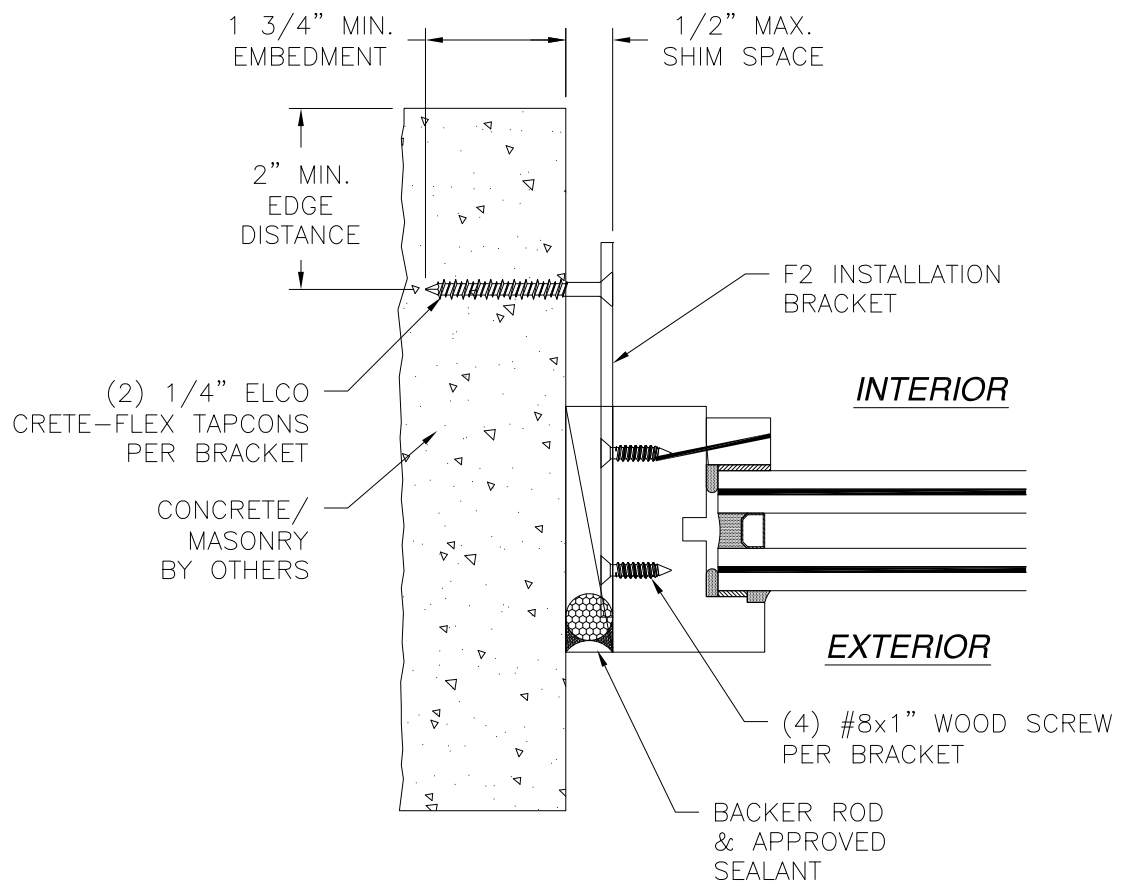


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



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

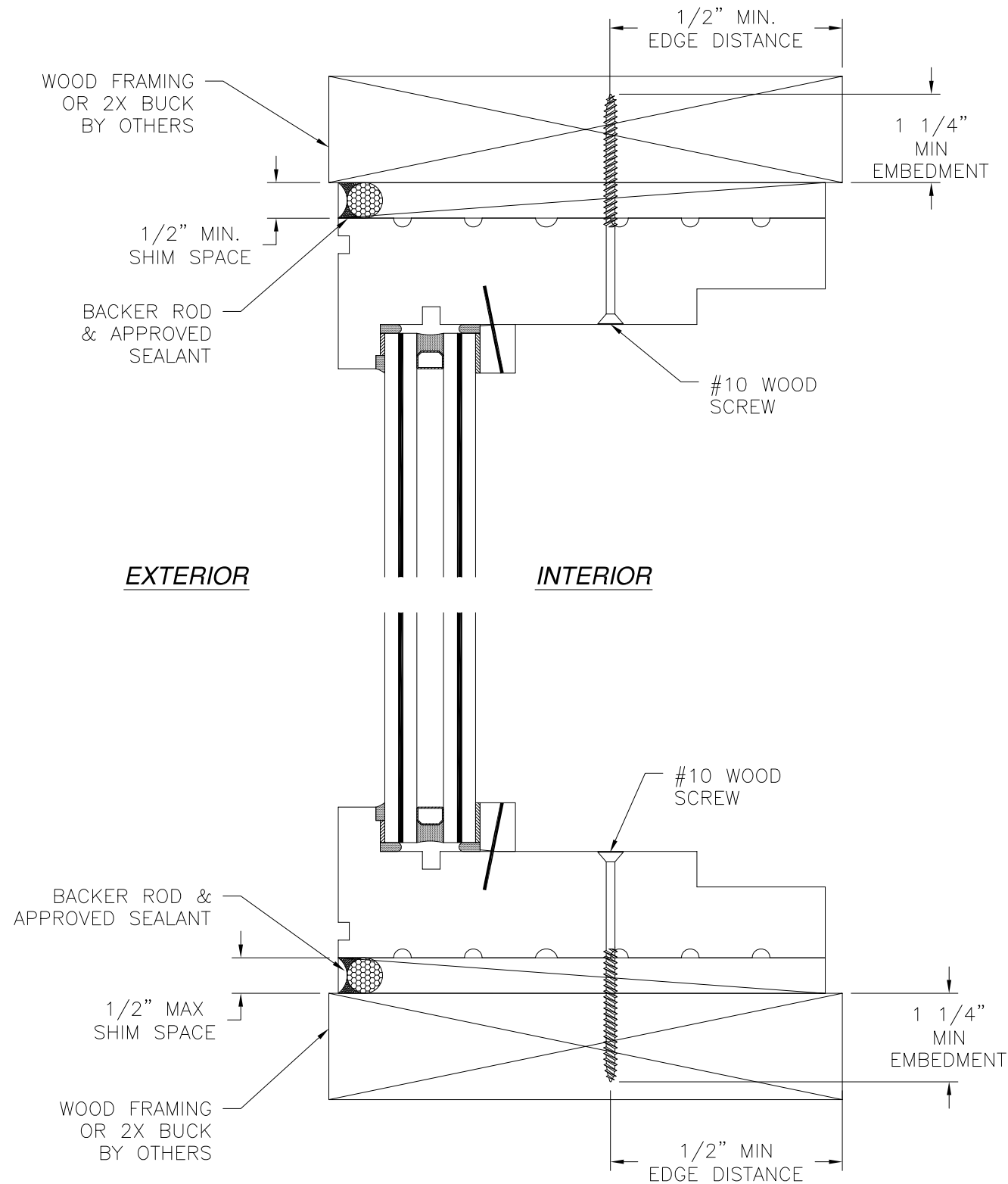
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- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD35 FIXED IMPACT WINDOW F2 INSTALLATION BRACKETS DETAILS		
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 14 OF 18
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

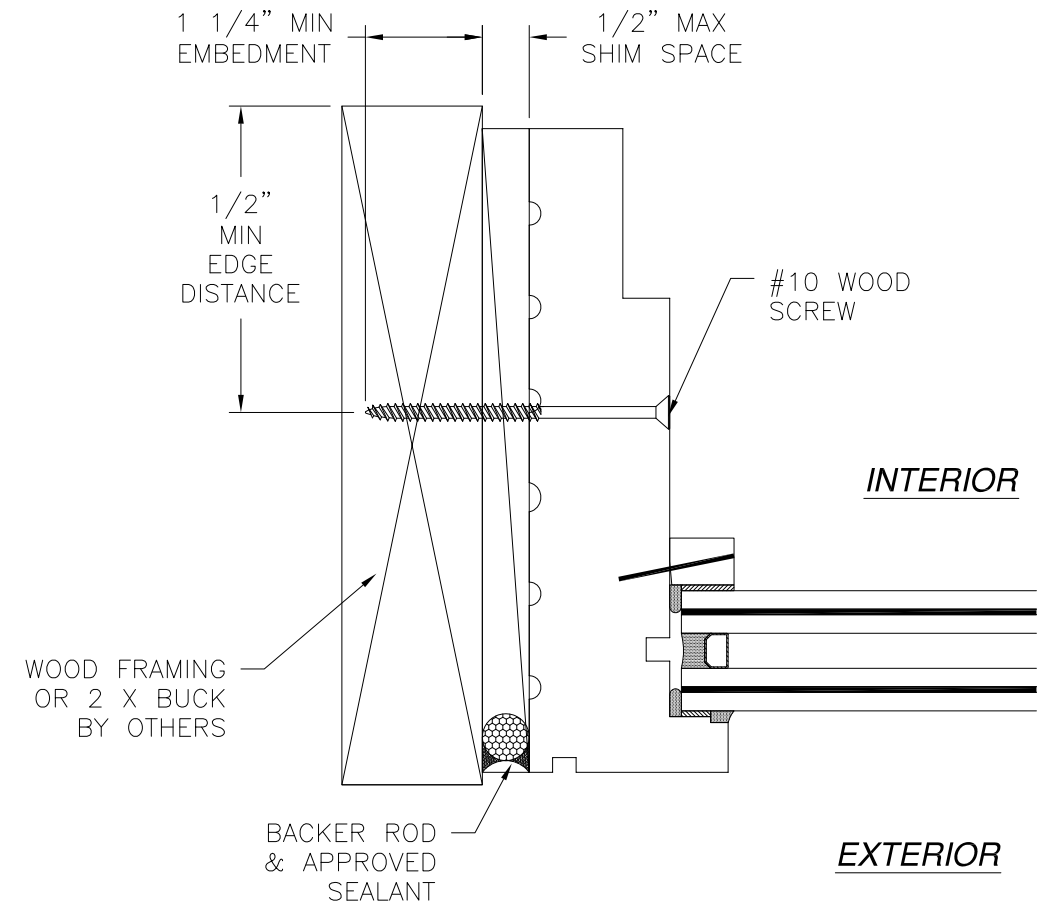
SIGNED: 02/10/2023

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FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



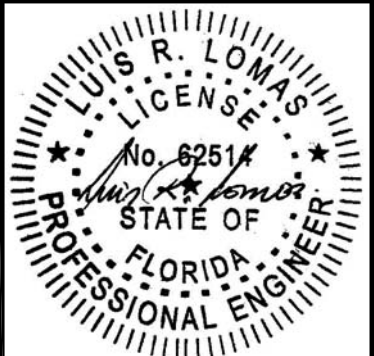
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

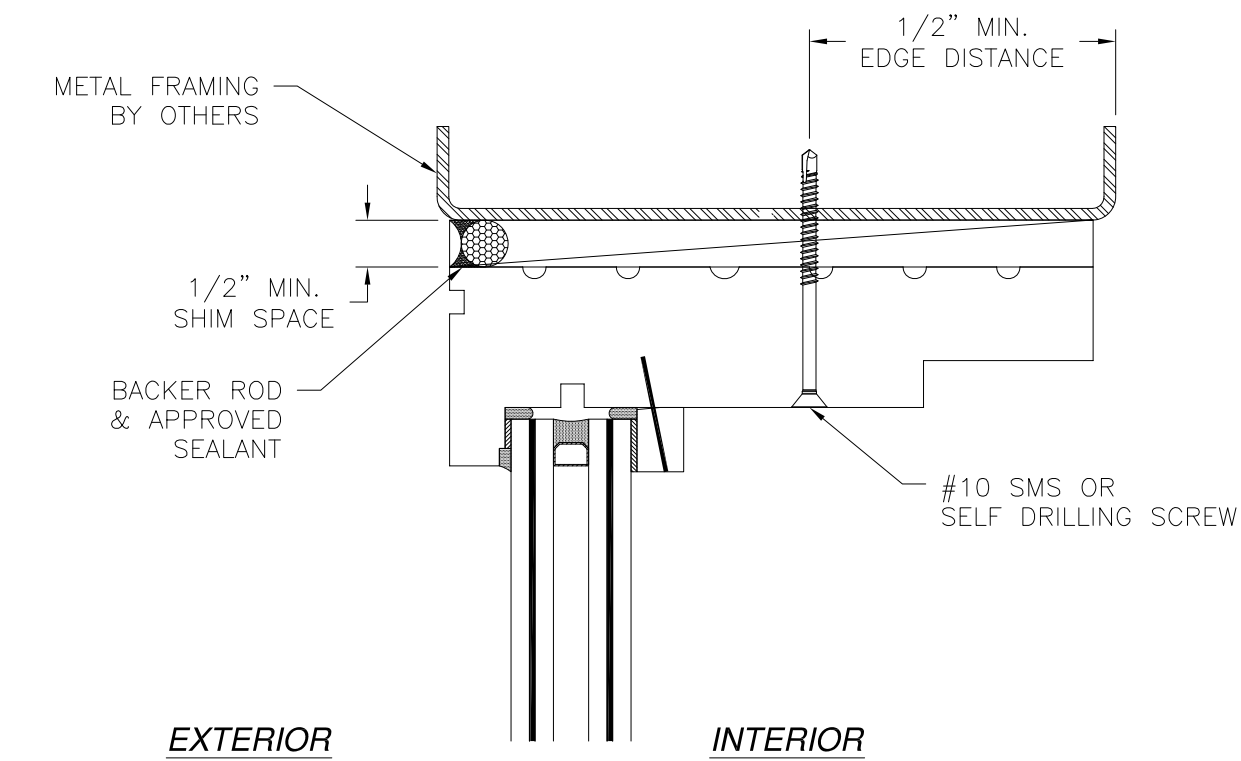
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD35 FIXED IMPACT WINDOW INSTALLATION DETAILS W/EXTENSION JAMB		
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 15 OF 18
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

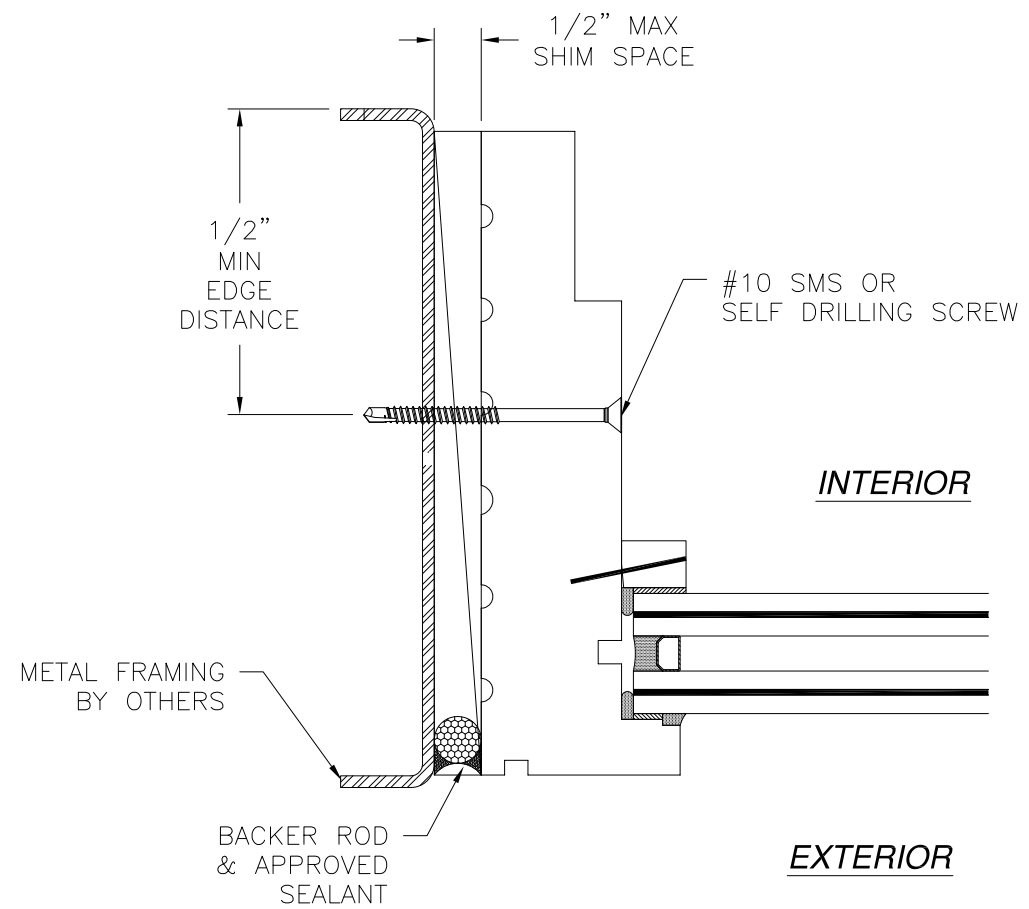


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



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

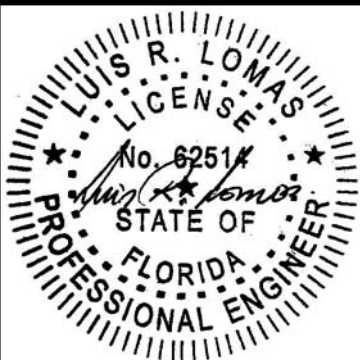
SIGNED: 02/10/2023

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
INSTALLATION DETAILS W/EXTENSION JAMB

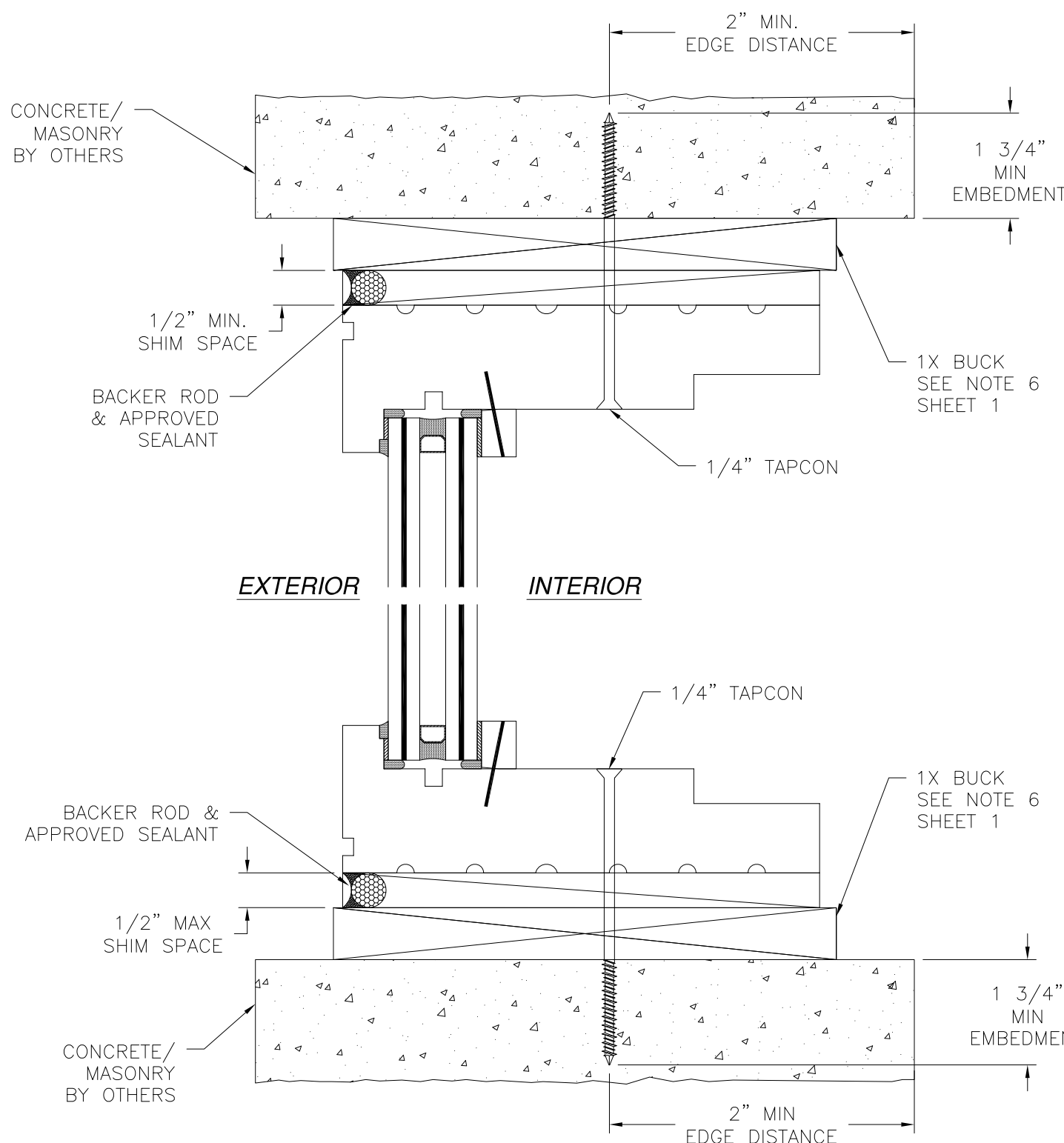
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SCALE NTS	DATE 11/02/15	SHEET 16 OF 18

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



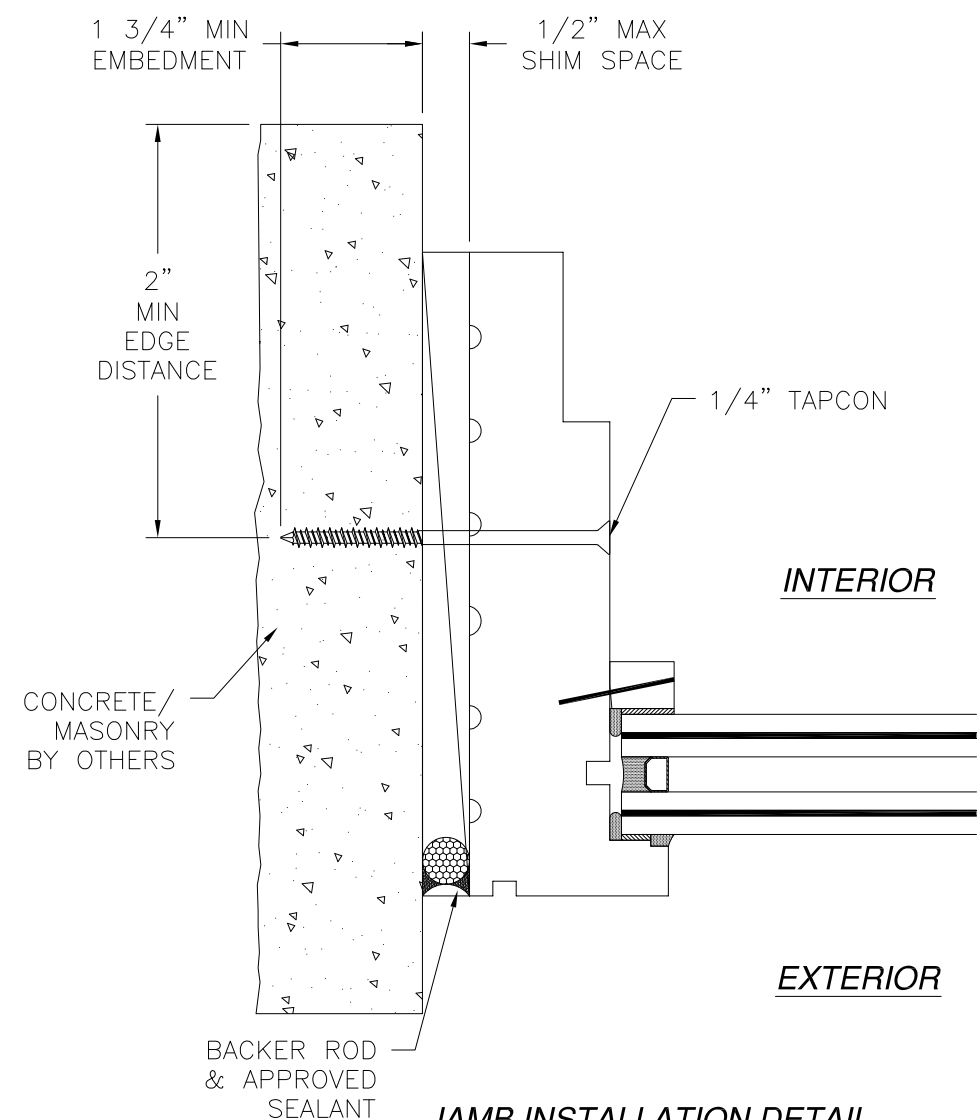
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



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

- 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



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

REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD35 FIXED
IMPACT WINDOW
INSTALLATION DETAILS W/EXTENSION JAMB

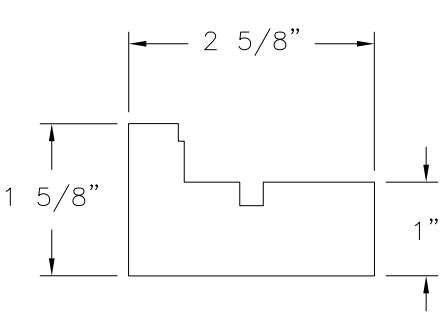
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SCALE NTS	DATE 11/02/15	SHEET 17 OF 18

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

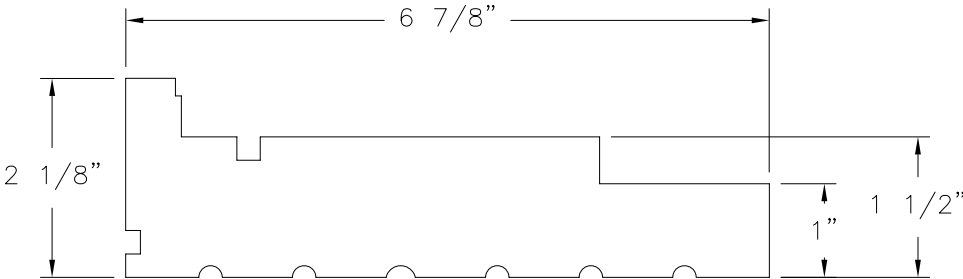
SIGNED: 02/10/2023

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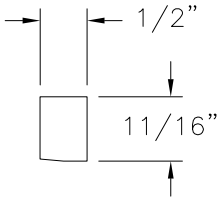
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	06/15/2022	R.L.



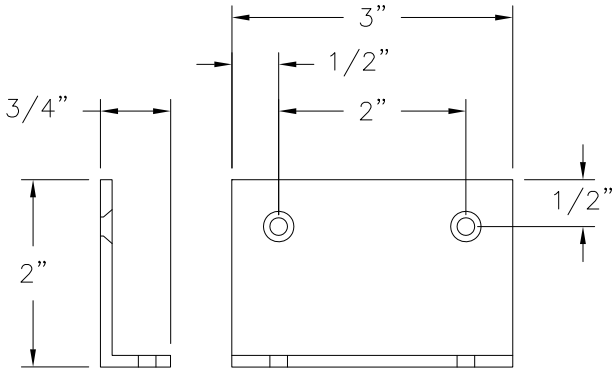
STILE/RAIL
GRADE (A) MAHOGANY, (A1)



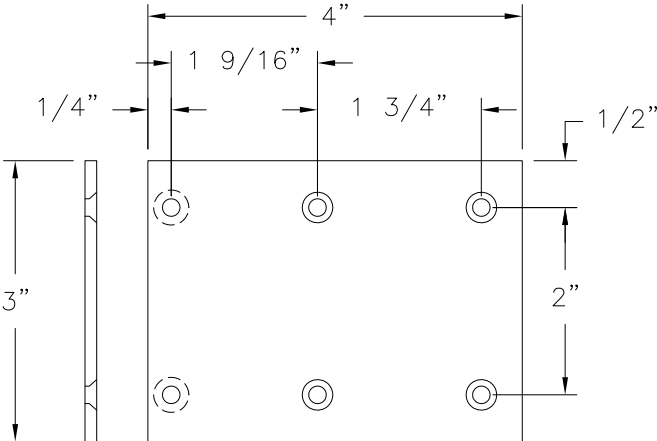
JAMB EXTENSION
GRADE (A) MAHOGANY



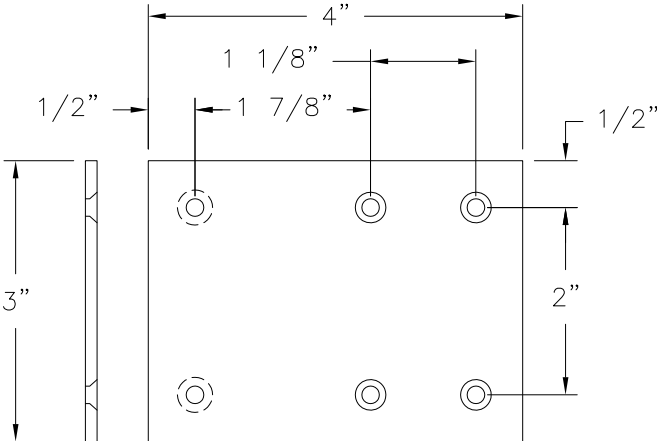
GLAZING STOP
GRADE (A) MAHOGANY, (GSA)



INSTALLATION ANGLE
ALUMINUM 6063-T5 .125 " THICK



F1 INSTALLATION BRACKET
ALUMINUM 6063-T5 .125 " THICK



F2 INSTALLATION BRACKET
ALUMINUM 6063-T5 .125 " THICK

SIGNED: 02/10/2023

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD35 FIXED IMPACT WINDOW COMPONENTS		
DRAWN: N.G.	DWG NO. 08-02835	REV D
SCALE NTS	DATE 11/02/15	SHEET 18 OF 18
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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