

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED COMPONENTS	11/19/18	R.L.

NOTES:

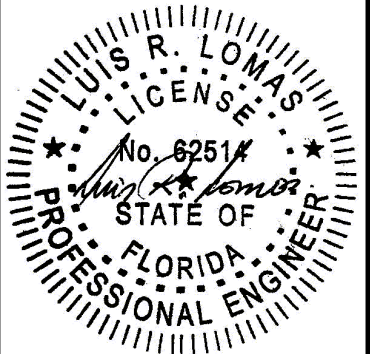
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 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 1/2".
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: THERMALLY BROKEN BRONZE
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 3 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. 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.
15. 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.

16. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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 .060" THICK MINIMUM
19. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

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SHEET NO.	DESCRIPTION
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2	ELEVATION & CHARTS
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4 - 9	INSTALLATION DETAILS

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD40 C BRONZE CASEMENT WINDOW IMPACT, HVHZ NOTES		
DRAWN: R.L.	DWG NO. 08-03038	REV A
SCALE NTS	DATE 02/06/17	SHEET 1 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

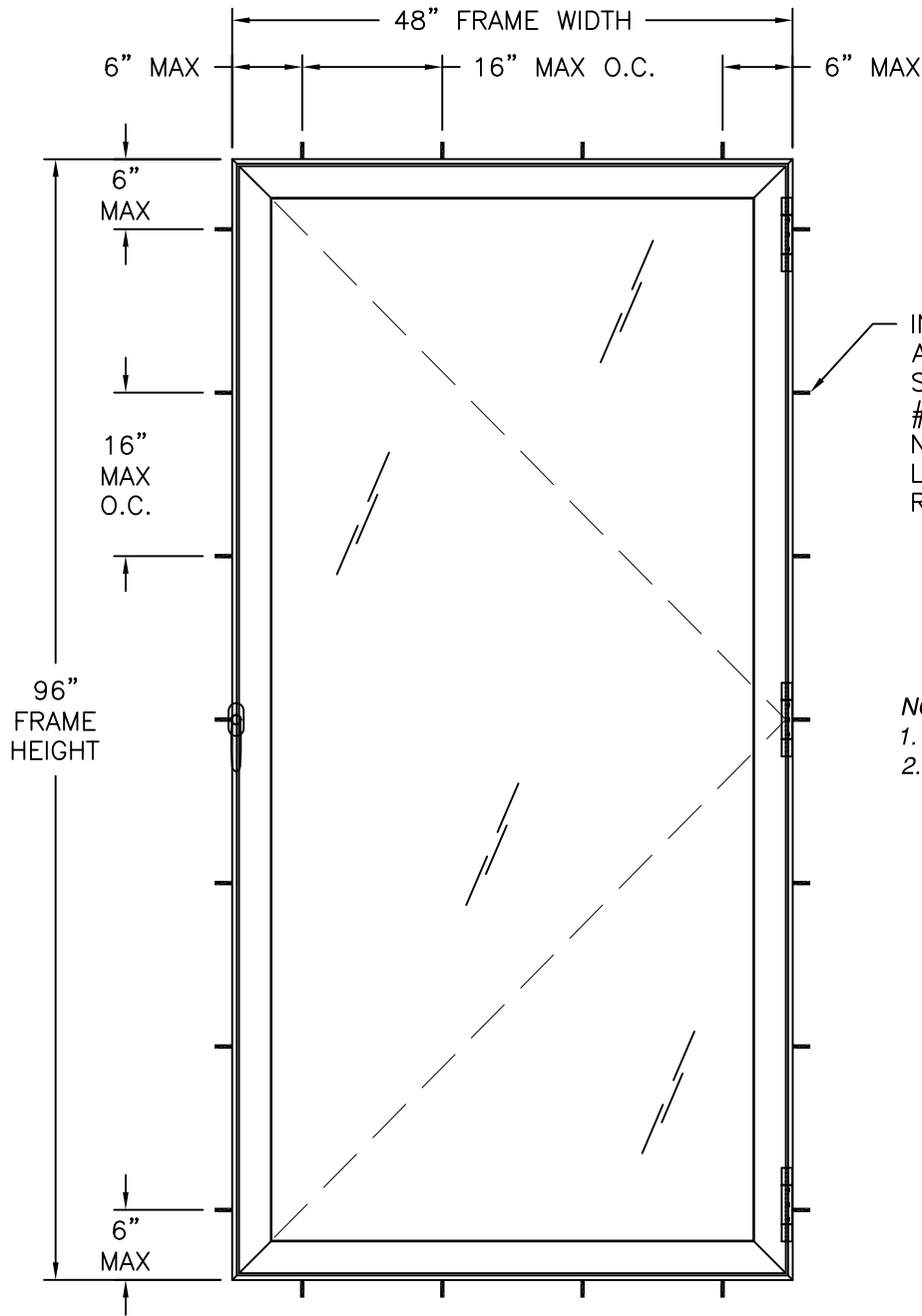
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INSTALLATION
ANCHOR
SEE CHART
#1 FOR
NUMBER OF
LOCATIONS
REQUIRED

- NOTES:
- SASH SIZE: 46 13/16" X 94 13/16"
 - D.L.O.: 42 21/32" X 90 21/32"

RWD40 C CASEMENT WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ
SEE CHART #1 FOR APPROVED SIZES

HARDWARE SCHEDULE

A.	(3) STAINLESS STEEL BARREL HINGES 8" FROM TOP AND BOTTOM AND AT MIDSPAN
B.	(8) KEEPERS BY SIEGENIA (FRKA071) AT 11", 20", 29" AND 39 1/2" FROM TOP AND BOTTOM
C.	(1) LOCKING SYSTEM BY SIEGENIA W/MULTIPOINT GEAR (896853)
D.	(6) LOCKING POINTS ON LOCKING STILE FROM SIEGENIA (896624)

CHART #1
Number of anchor locations required

Frame Height (in)	Frame width (in)											
	18.00		24.00		30.00		36.00		42.00		48.00	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
24.00	2	2	2	2	3	2	3	2	3	2	4	2
30.00	2	3	2	3	3	3	3	3	3	3	4	3
36.00	2	3	2	3	3	3	3	3	3	3	4	3
42.00	2	3	2	3	3	3	3	3	3	3	4	3
48.00	2	4	2	4	3	4	3	4	3	4	4	4
54.00	2	4	2	4	3	4	3	4	3	4	4	4
60.00	2	4	2	4	3	4	3	4	3	4	4	4
66.00	2	5	2	5	3	5	3	5	3	5	4	5
72.00	2	5	2	5	3	5	3	5	3	5	4	5
78.00	2	6	2	6	3	6	3	6	3	6	4	6
84.00	2	6	2	6	3	6	3	6	3	6	4	6
90.00	2	6	2	6	3	6	3	6	3	6	4	6
96.00	2	7	2	7	3	7	3	7	3	7	4	7
102.00	2	7	2	7	3	7	3	7	3	7	-	-
108.00	2	7	2	7	3	7	3	7	3	7	-	-
114.00	2	8	2	8	3	8	3	8	-	-	-	-
120.00	2	8	2	8	3	8	3	8	-	-	-	-
126.00	2	9	2	9	3	9	3	9	-	-	-	-
132.00	2	9	2	9	3	9	-	-	-	-	-	-
138.00	2	9	2	9	3	9	-	-	-	-	-	-
144.00	2	10	2	10	3	10	-	-	-	-	-	-

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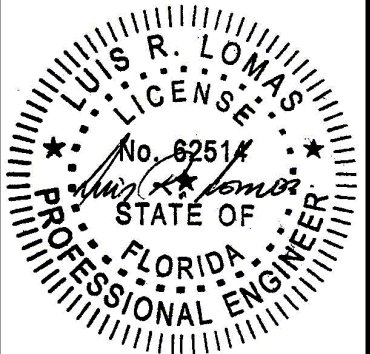
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD40 C BRONZE CASEMENT WINDOW
IMPACT, HVHZ
ELEVATION & CHARTS

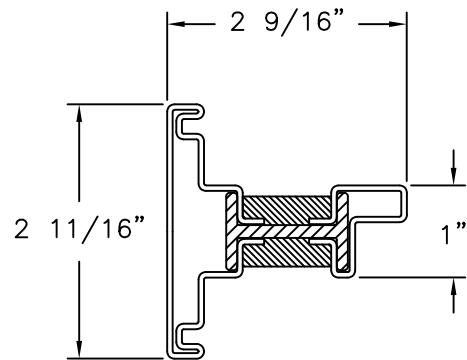
DRAWN: R.L.	DWG NO. 08-03038	REV A
SCALE NTS	DATE 02/06/17	SHEET 2 OF 9

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434-688-0609 rllomas@rlomaspe.com

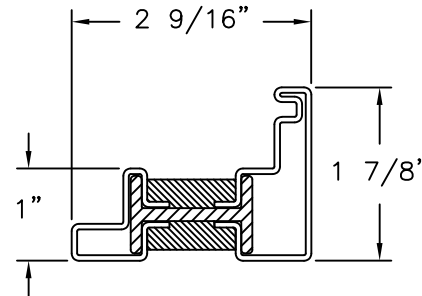


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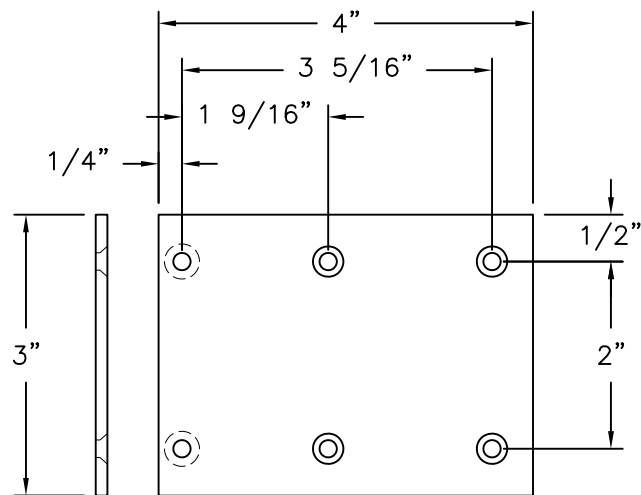




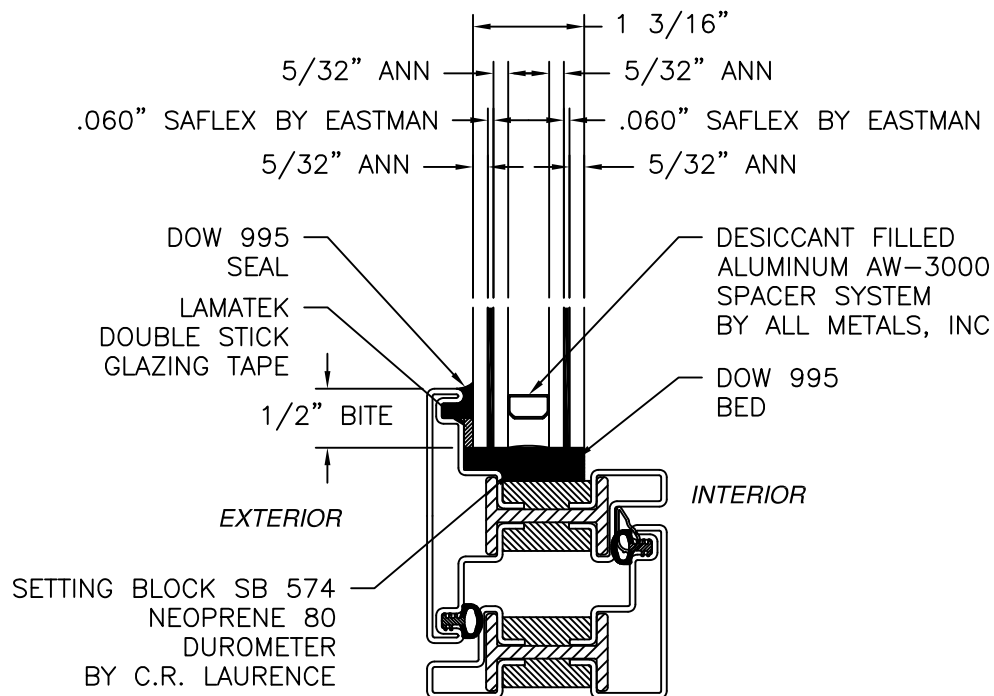
SASH RAIL AND STILE
BRONZE (P1212)



FRAME HEAD, SILL AND LEGS
BRONZE (P1211)



INSTALLATION BRACKET
ALUMINUM 6063-T5 .125" THICK

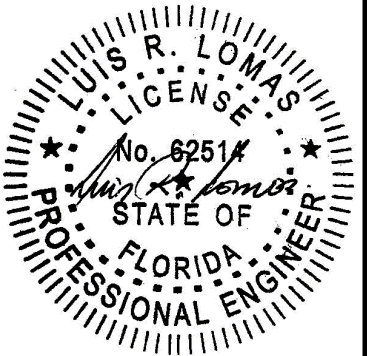


GLAZING DETAIL

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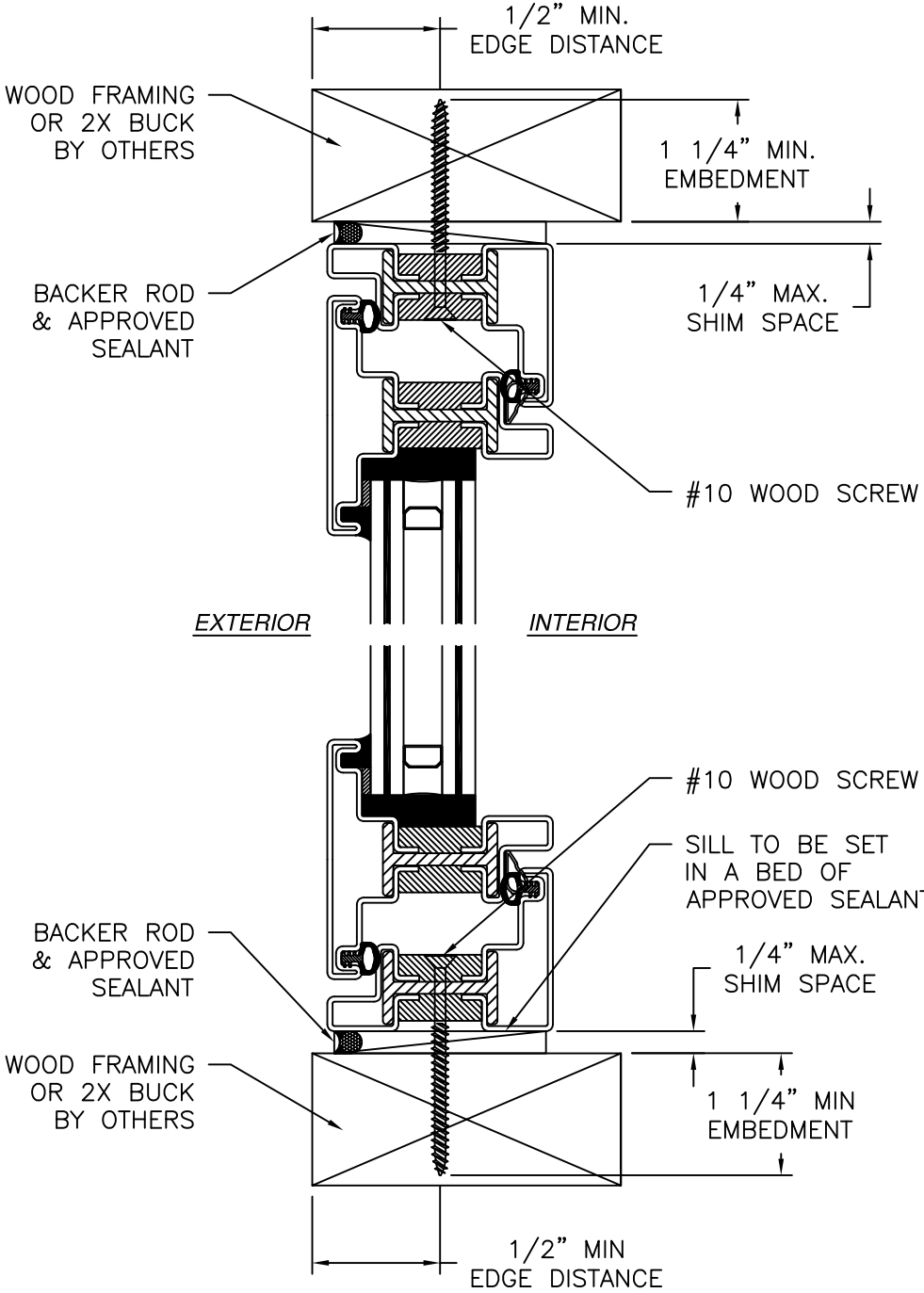
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD40 C BRONZE CASEMENT WINDOW IMPACT, HVHZ GLAZING DETAIL AND COMPONENTS		
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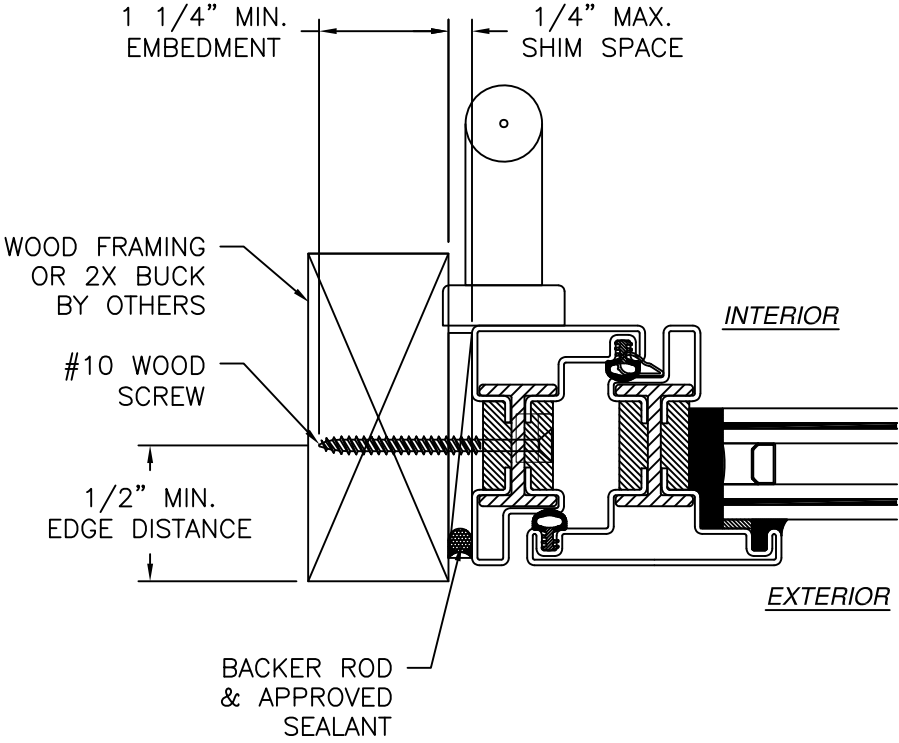


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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

RWD40 C BRONZE CASEMENT WINDOW
IMPACT, HVHZ
INSTALLATION DETAILS

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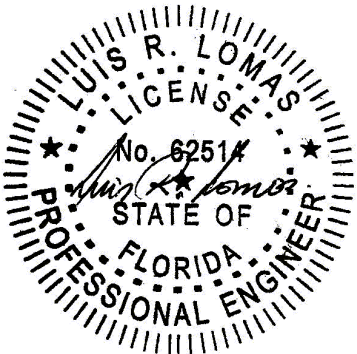
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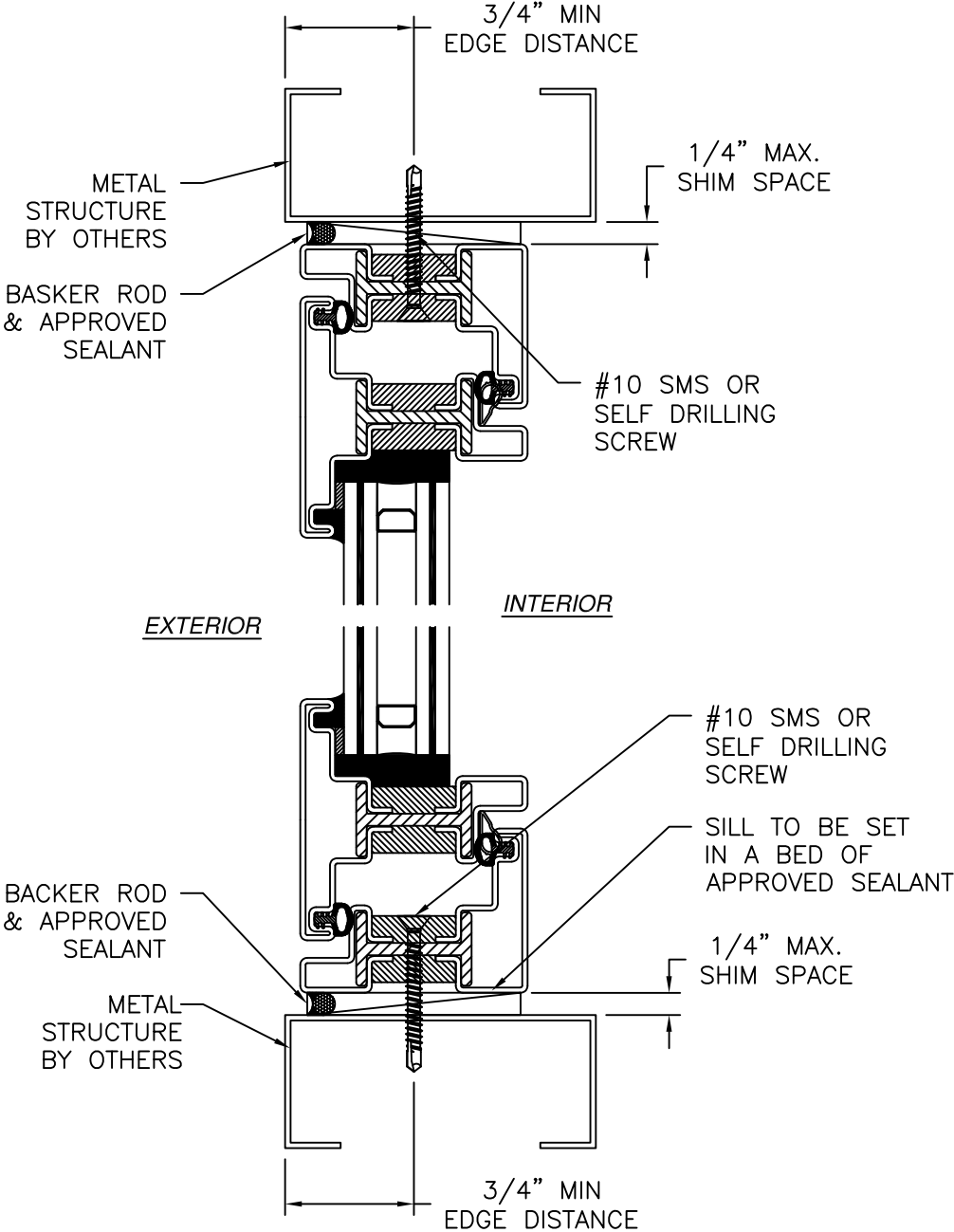
SHEET 4 OF 9

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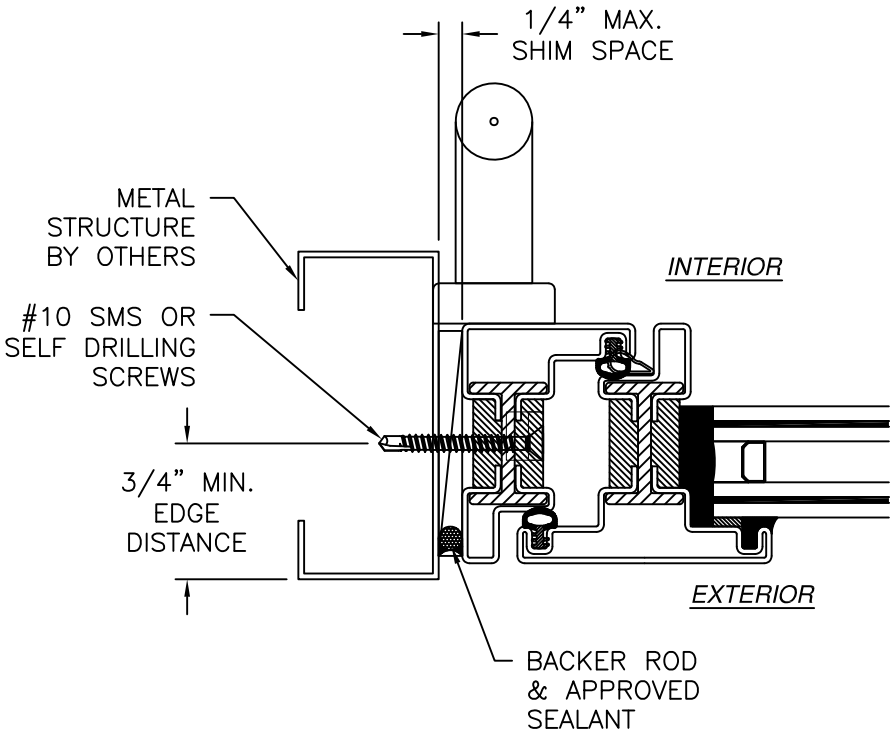


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



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METAL STRUCTURE INSTALLATION

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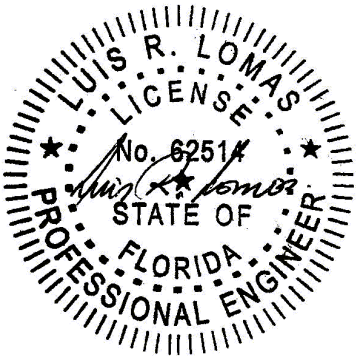
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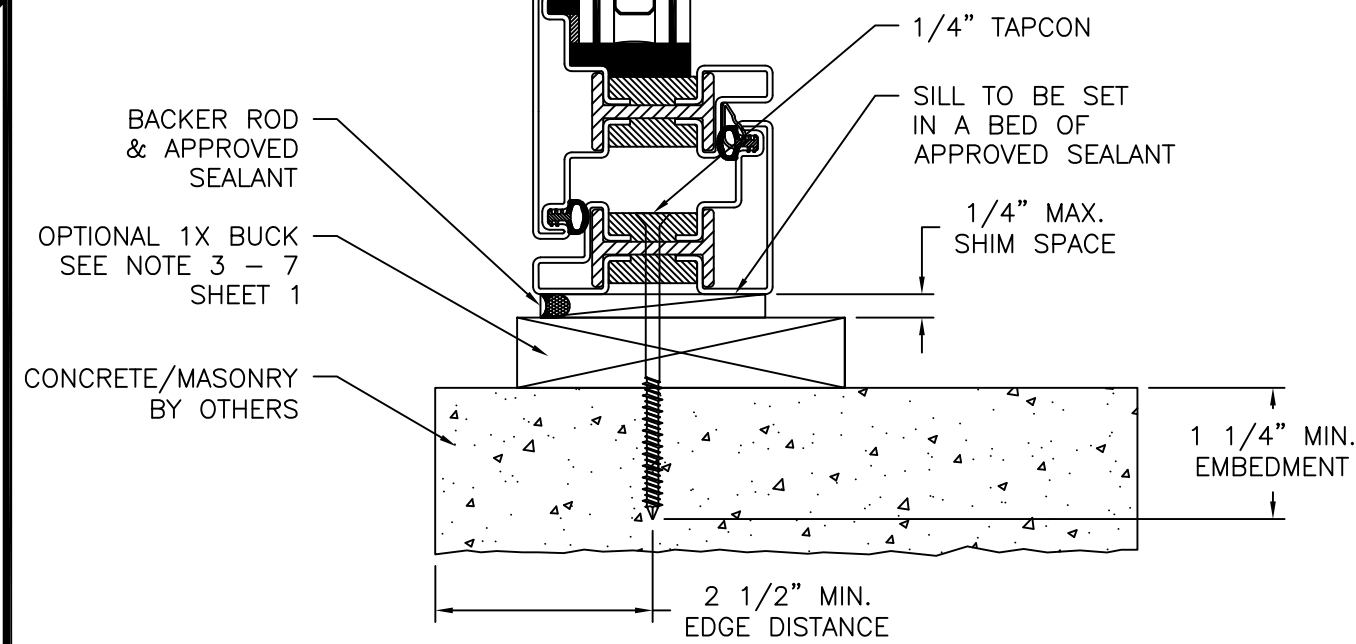
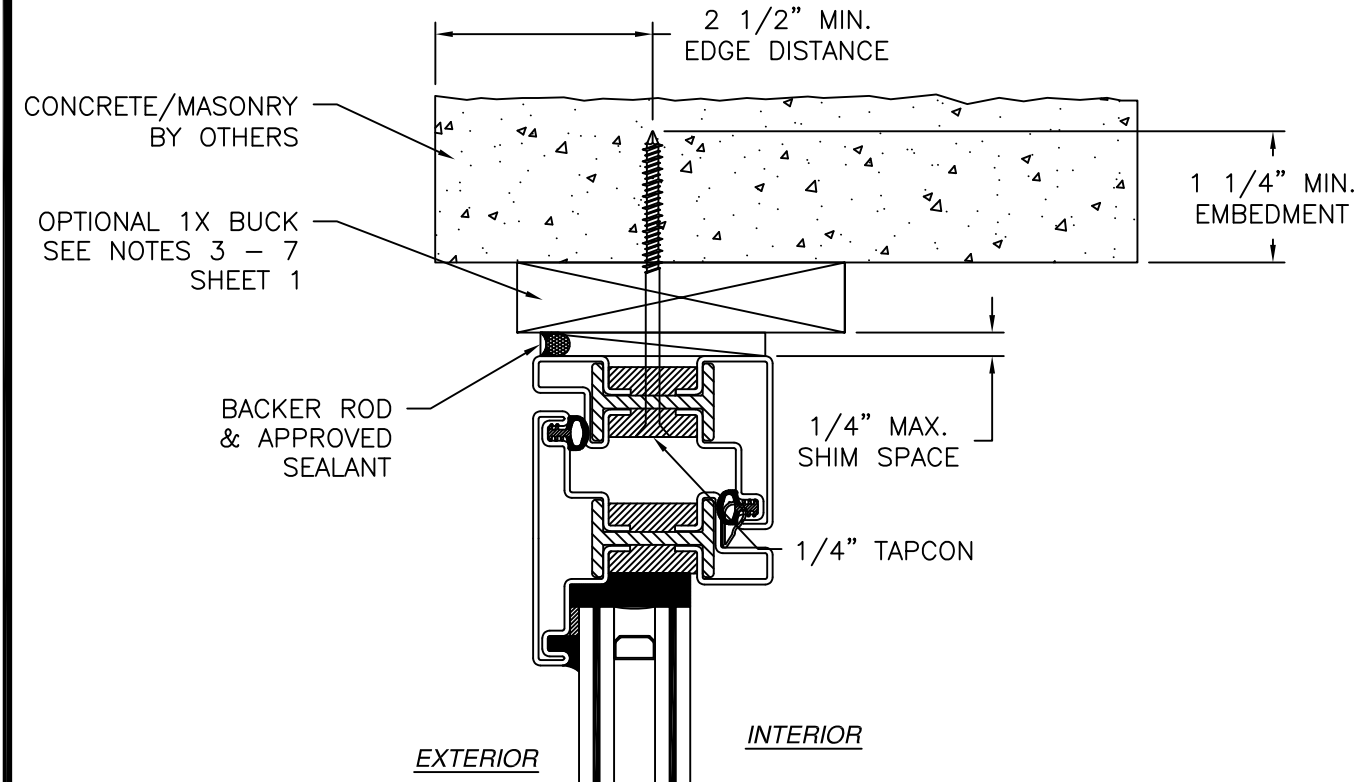
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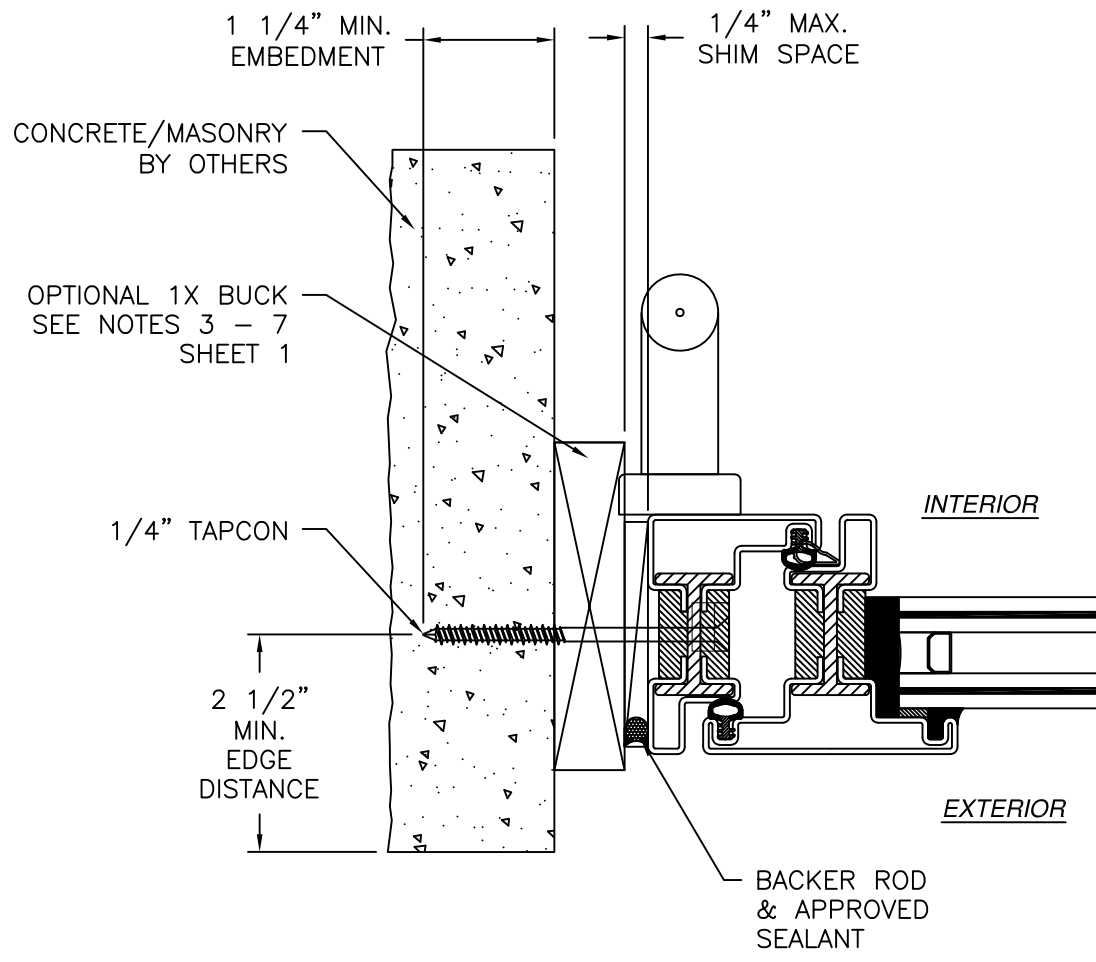


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



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CONCRETE/MASONRY INSTALLATION

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IMPACT, HVHZ
INSTALLATION DETAILS

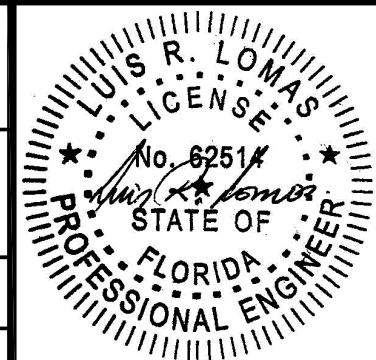
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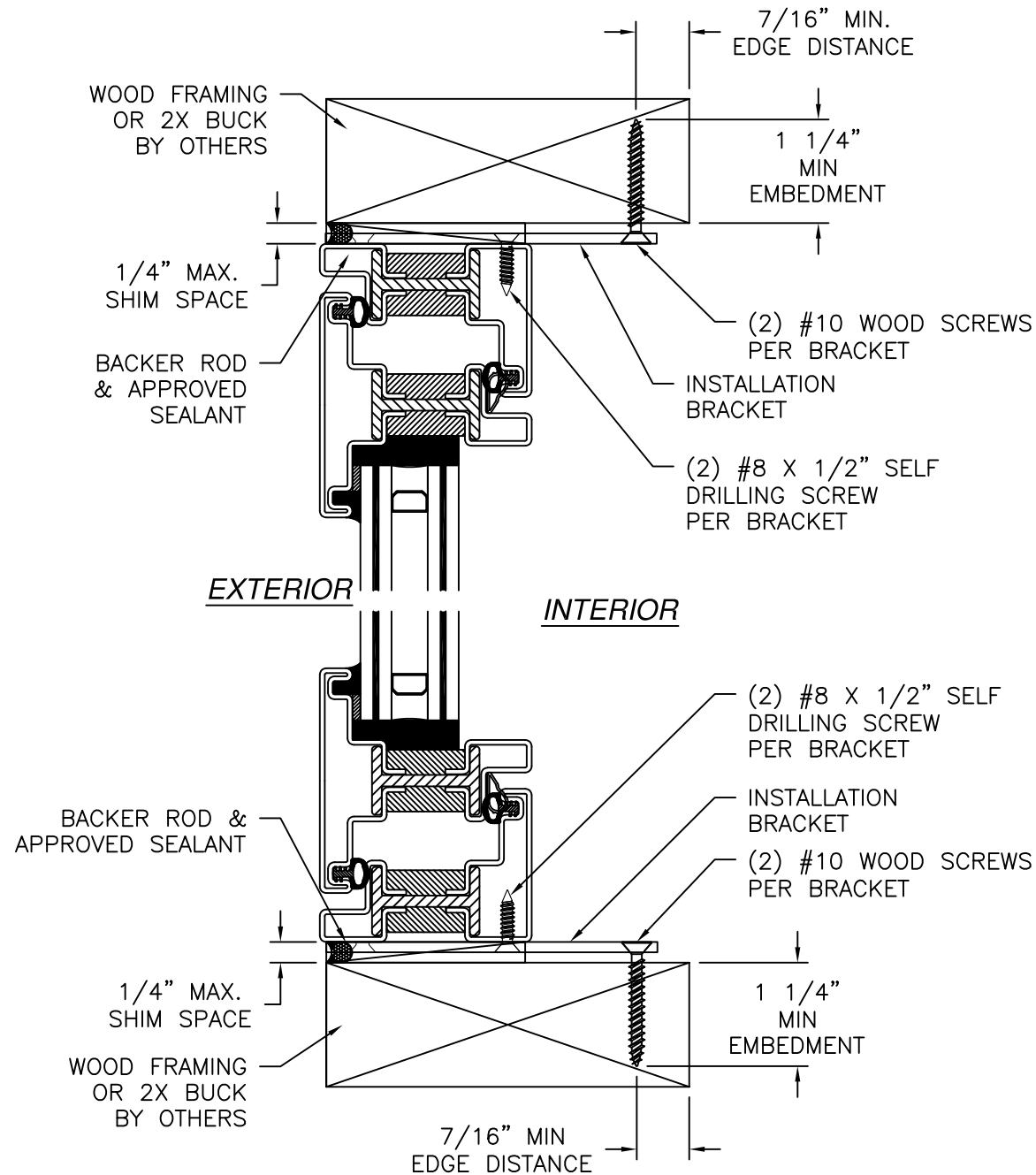
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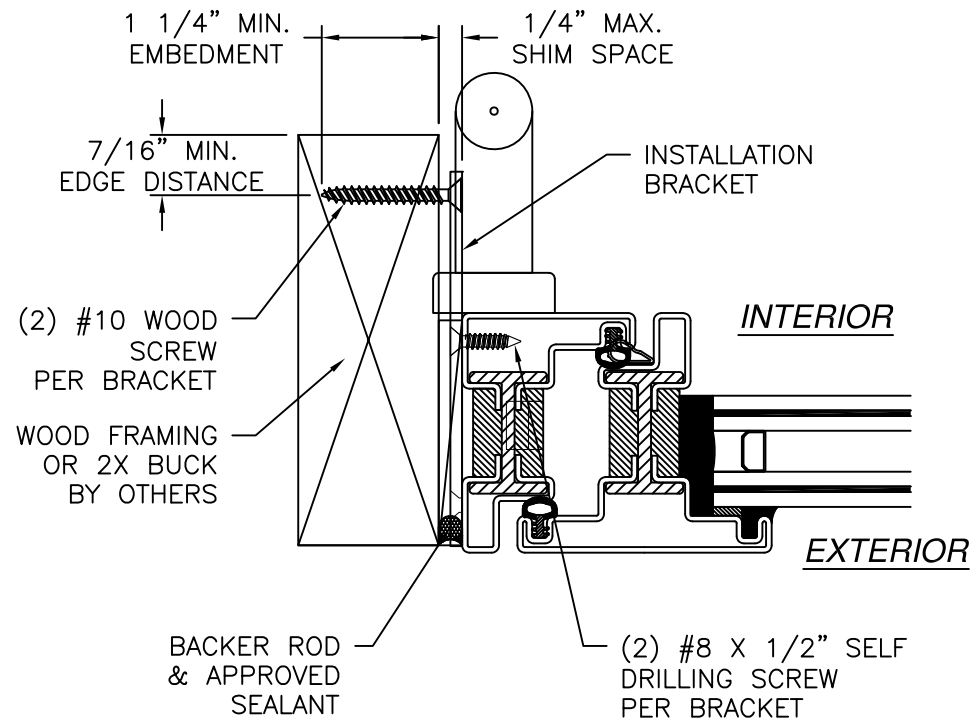


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



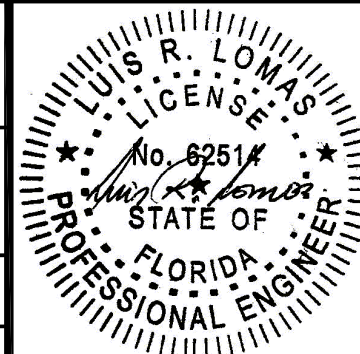
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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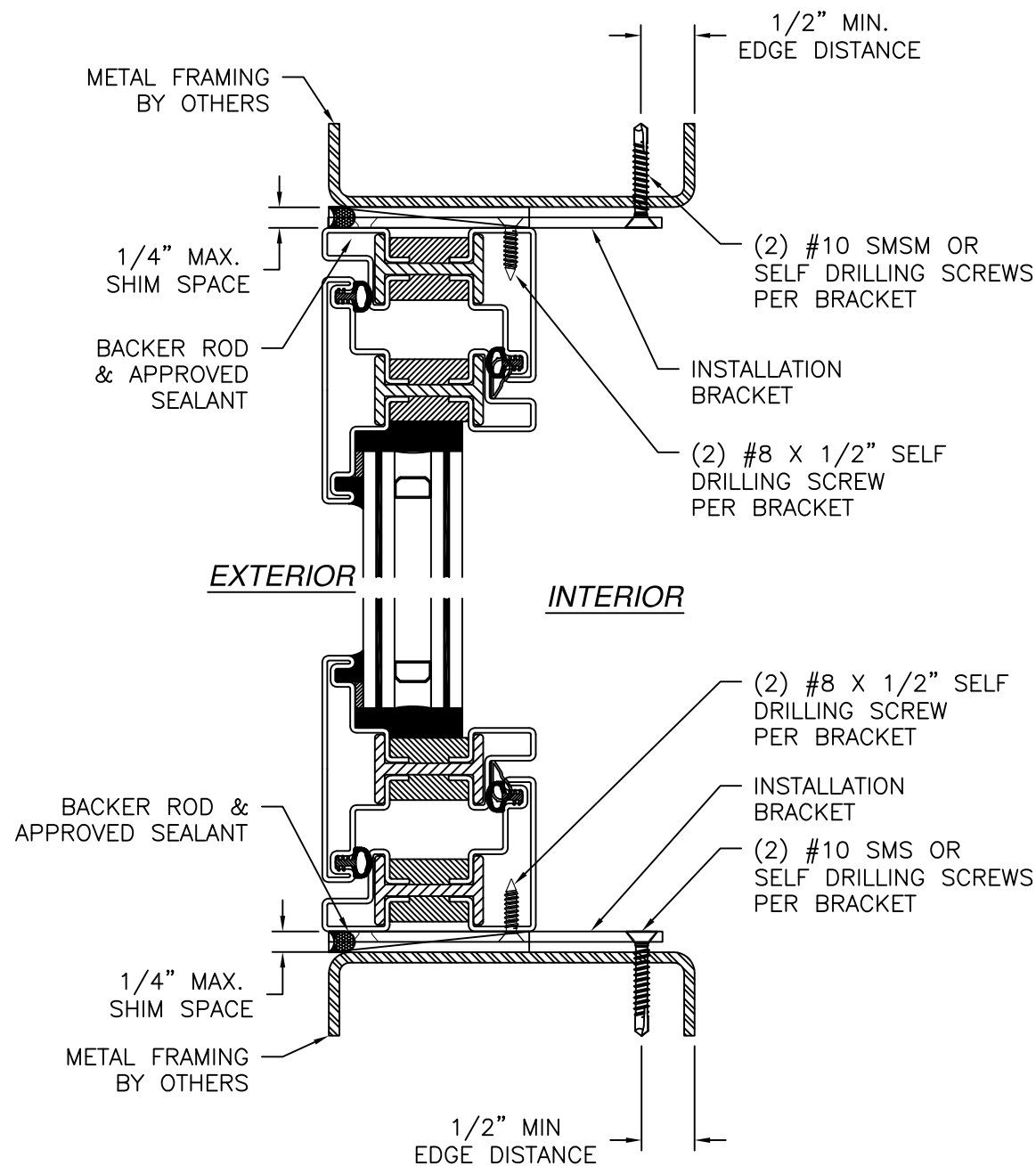
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD40 C BRONZE CASEMENT WINDOW IMPACT, HVHZ INSTALLATION DETAILS W/BRACKET INSTALLATION		
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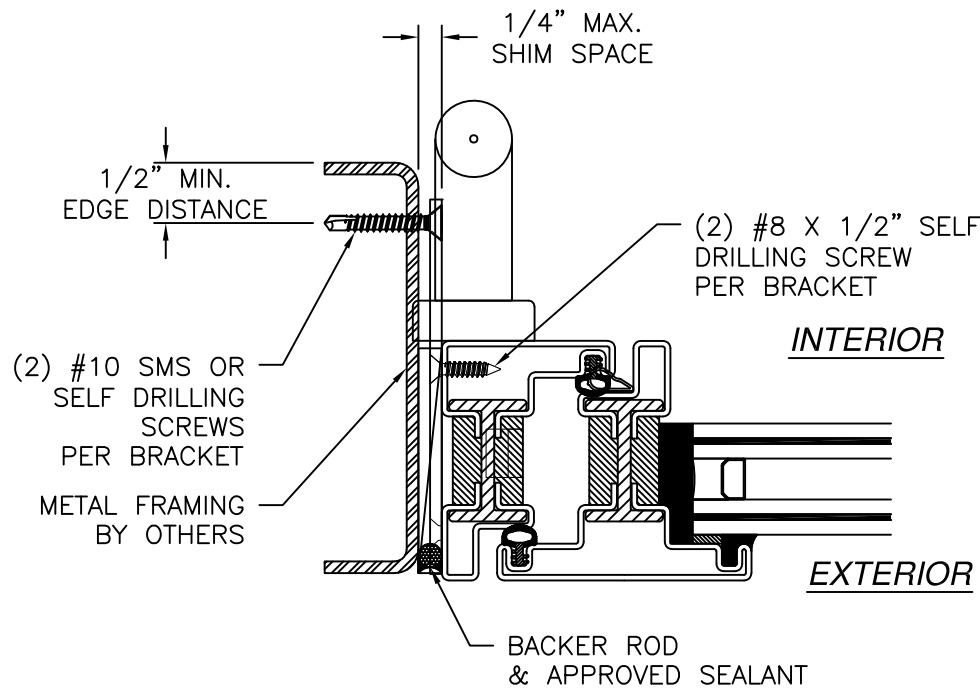


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

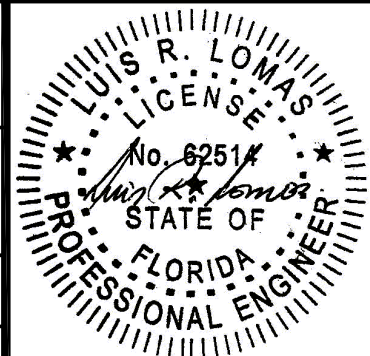


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

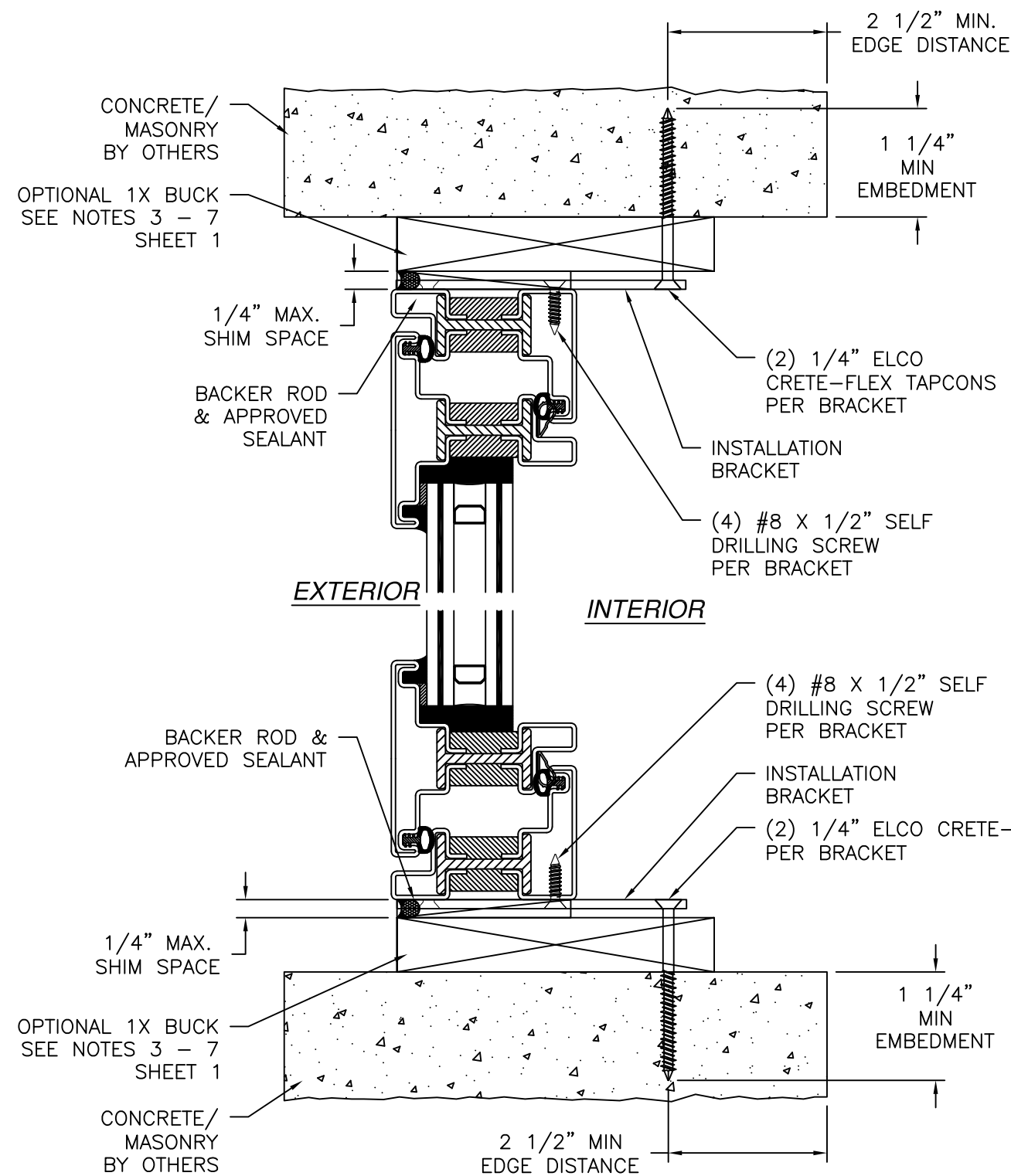
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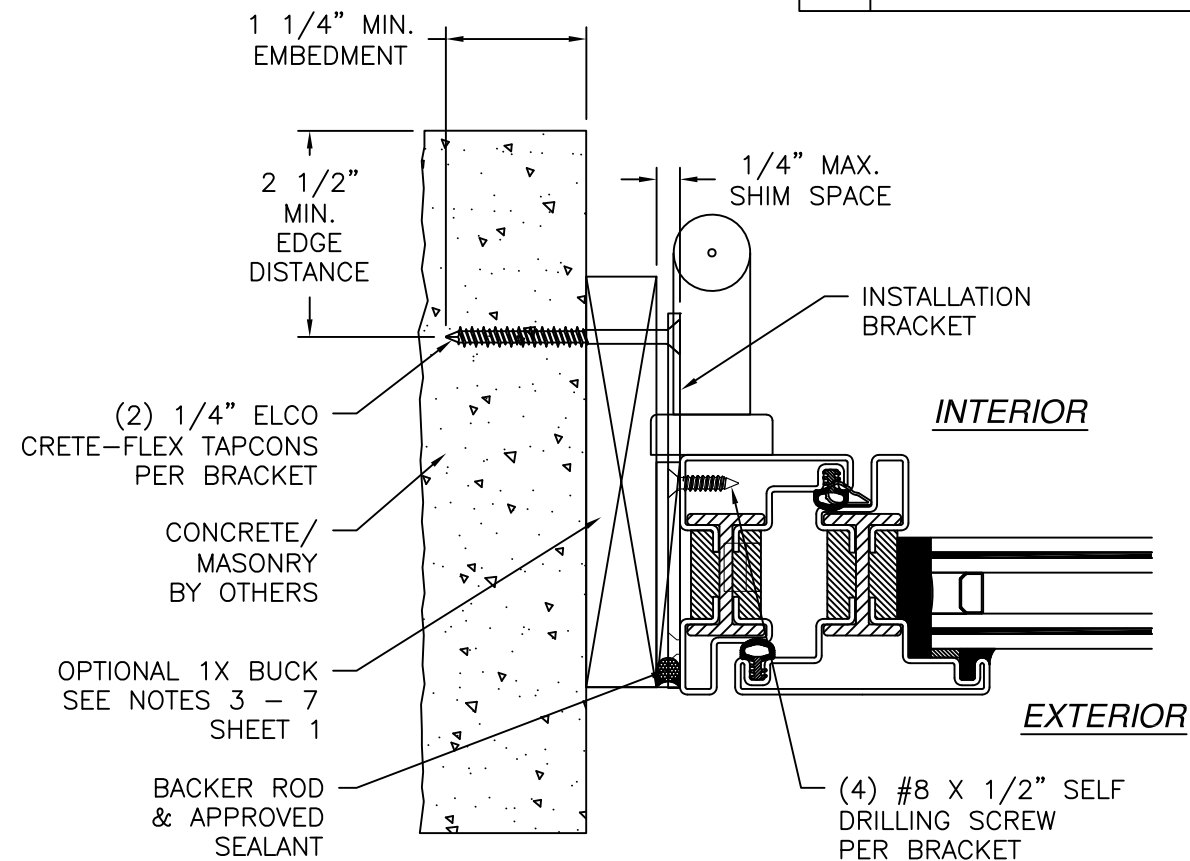
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD40 C BRONZE CASEMENT WINDOW IMPACT, HVHZ INSTALLATION DETAILS W/BACKET INSTALLATION		
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
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REILLY WINDOWS & DOORS

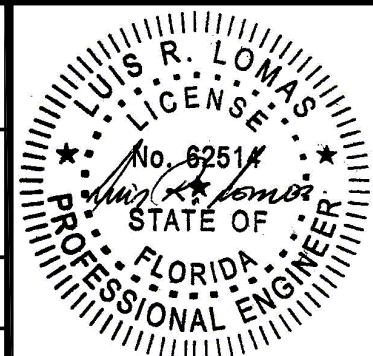
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CALVERTON, NY 11933

RWD40 C BRONZE CASEMENT WINDOW
IMPACT, HVHZ
INSTALLATION DETAILS W/BRACKET INSTALLATION

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