

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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, METAL STRUCTURE 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: WOOD SAPELE.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 2 FOR GLAZING 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 #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO METAL STRUCTURE USE #12 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:

A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

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

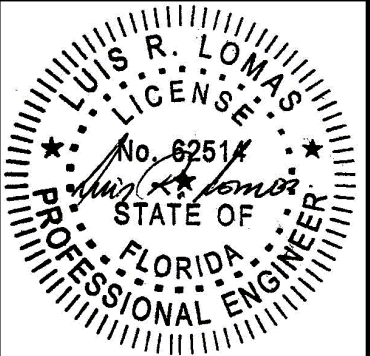
C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI
18. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 3.

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3	DP CHART & APPROVED GEOMETRIC CONFIGURATIONS
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7	COMPONENTS

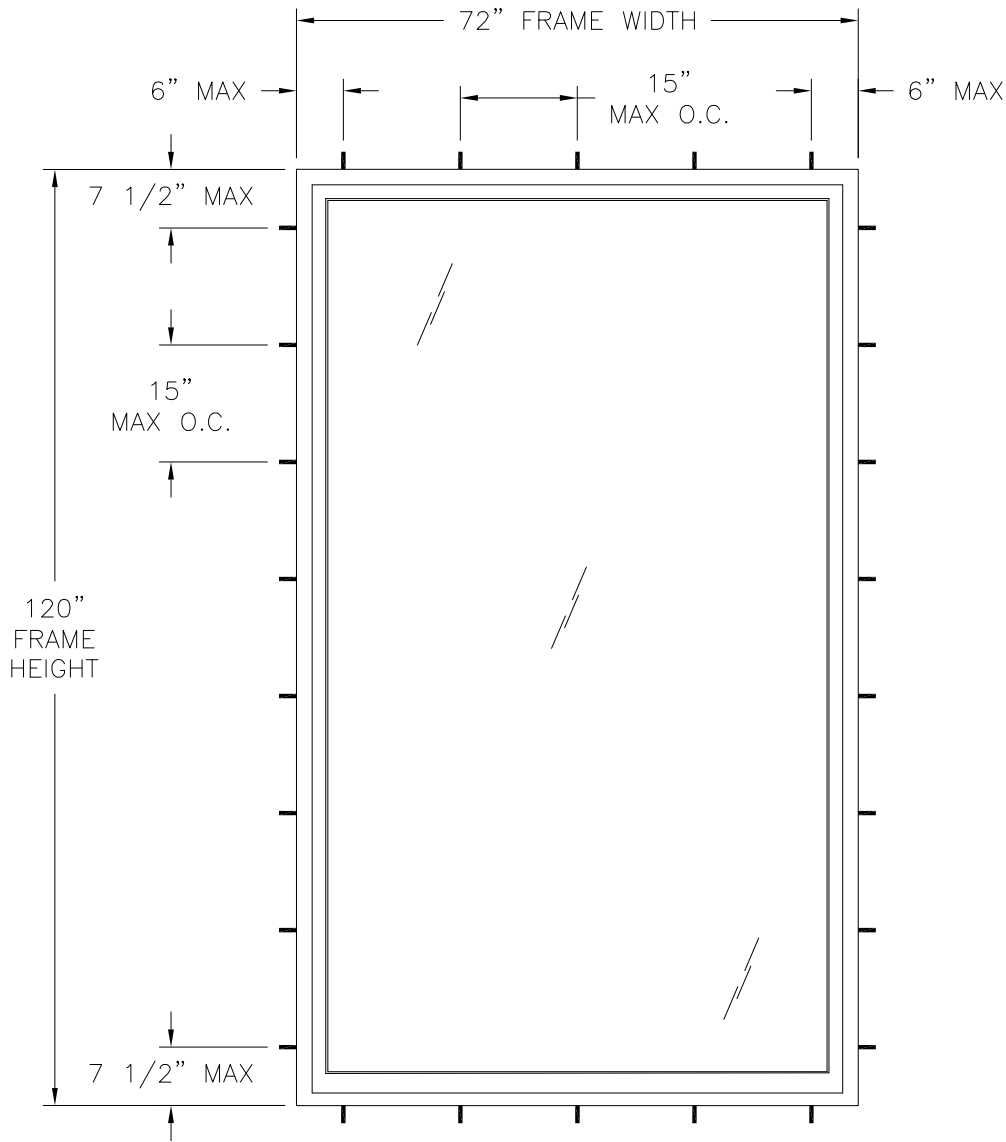
PARRETT WINDOWS 690 E, 2nd AVE DORCHESTER, WI 54425		
WOOD DOUBLE HUNG FIXED WINDOW IMPACT NOTES		
DRAWN: A.R.	DWG NO. 08–04015	REV –
SCALE NTS	DATE 04/09/2024	SHEET 1 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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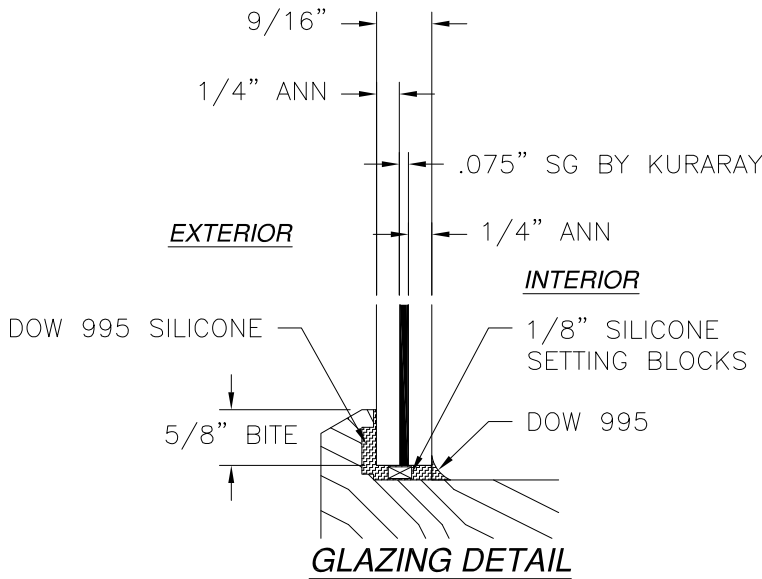


Luis R. Lomas P.E.
FL No.: 62514

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NOTES:
1. D.L.O. (72" X 120" UNIT): 65 3/16" X 112 1/2"



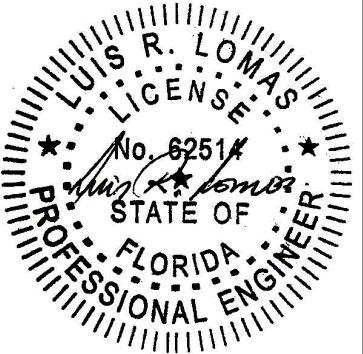
WOOD DOUBLE HUNG WINDOW
EXTERIOR VIEW
FRAME INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0 \text{ PSF}$	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
SEE CHART #1 ON SHEET 3 FOR OTHER SIZES

SIGNED: 04/23/2024

PARRETT WINDOWS 690 E, 2nd AVE DORCHESTER, WI 54425		
WOOD DOUBLE HUNG FIXED WINDOW IMPACT ELEVATION AND GLAZING DETAIL		
DRAWN: A.R.	DWG NO. 08-04015	REV -
SCALE NTS	DATE 04/09/2024	SHEET 2 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



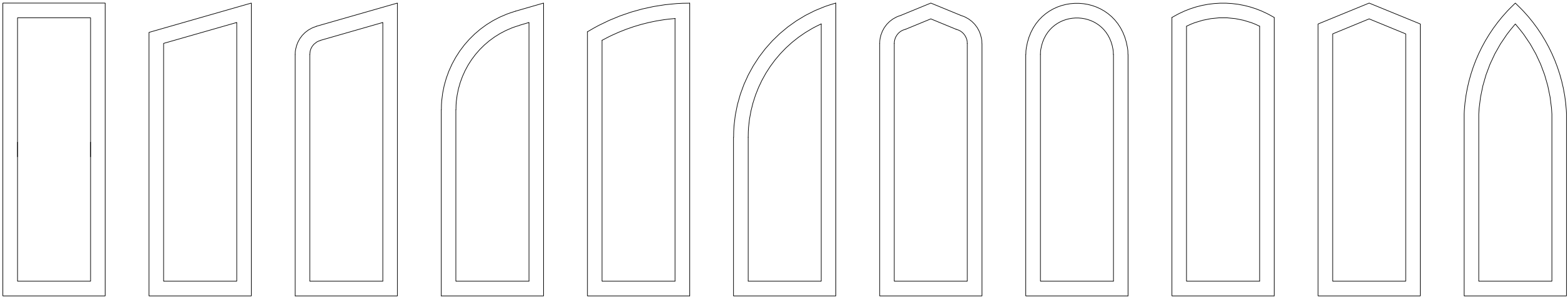
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CHART #1
Design pressure rating (psf)

Height (in)	Panel width (in)																					
	24.0		30.0		36.0		42.0		48.0		54.0		62.0		66.0		72.0		78.0		84.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
48.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
54.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
60.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
66.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
72.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
78.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
84.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
90.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	76.9
96.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	77.3	70.0	73.7
102.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	78.2	70.0	74.4	70.0	70.5
108.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	79.6	70.0	75.5	70.0	71.4	-	-
114.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	77.1	70.0	72.7	-	-	-	-
120.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	77.6	70.0	74.6	70.0	70.0	-	-	-	-
126.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	75.3	70.0	72.1	-	-	-	-	-	-
132.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	79.6	70.0	72.9	-	-	-	-	-	-	-	-
138.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	77.6	70.0	70.5	-	-	-	-	-	-	-	-
144.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	75.5	-	-	-	-	-	-	-	-	-	-

APPROVED GEOMETRIC CONFIGURATIONS



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PARRETT WINDOWS
690 E, 2nd AVE
DORCHESTER, WI 54425

WOOD DOUBLE HUNG FIXED WINDOW
IMPACT
DP CHART & GEOMETRIC CONFIGURATIONS

DRAWN:
A.R.

DWG NO.
08-04015

REV
-

SCALE
NTS

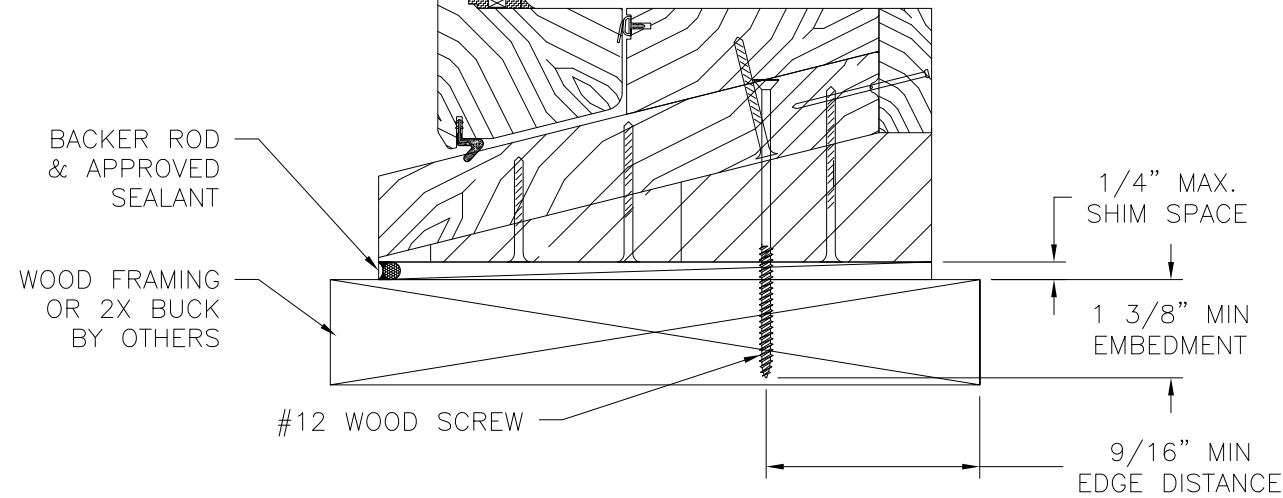
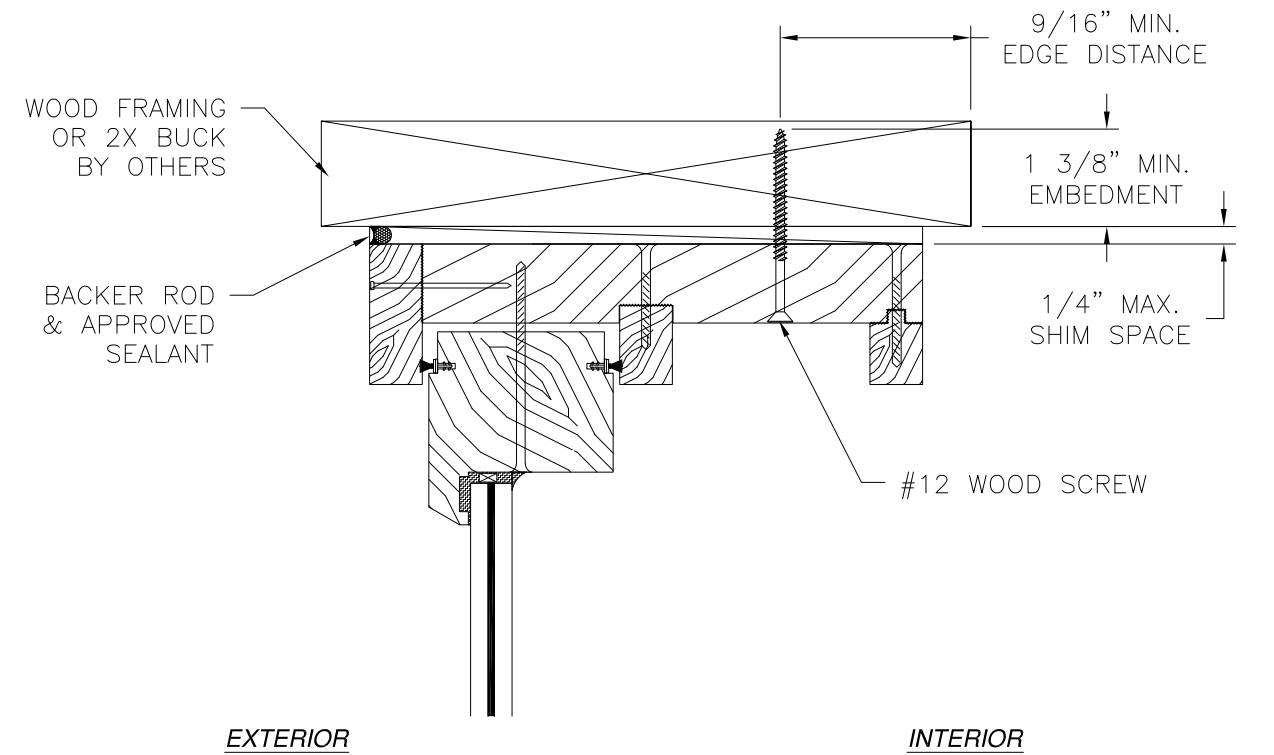
DATE
04/09/2024

SHEET
3 OF 6

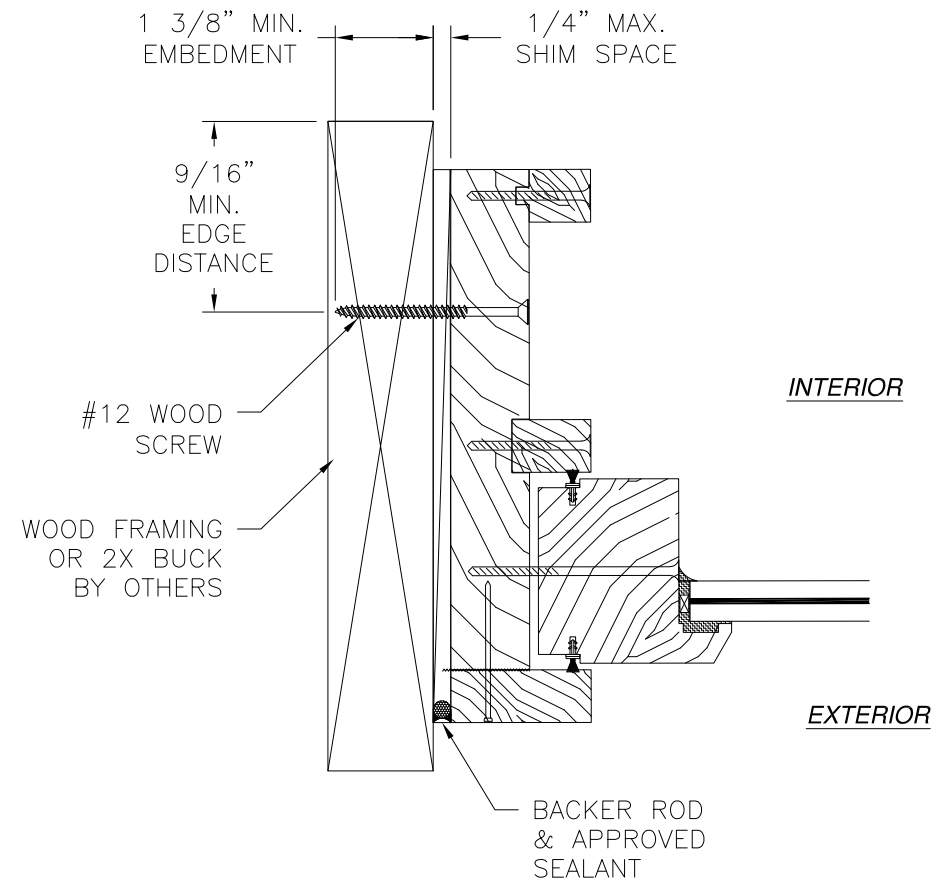
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



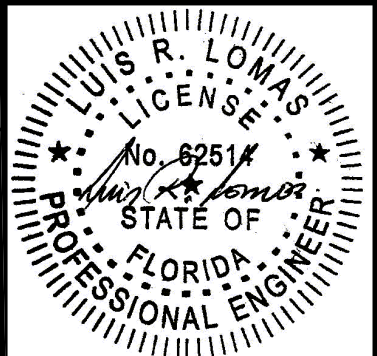
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

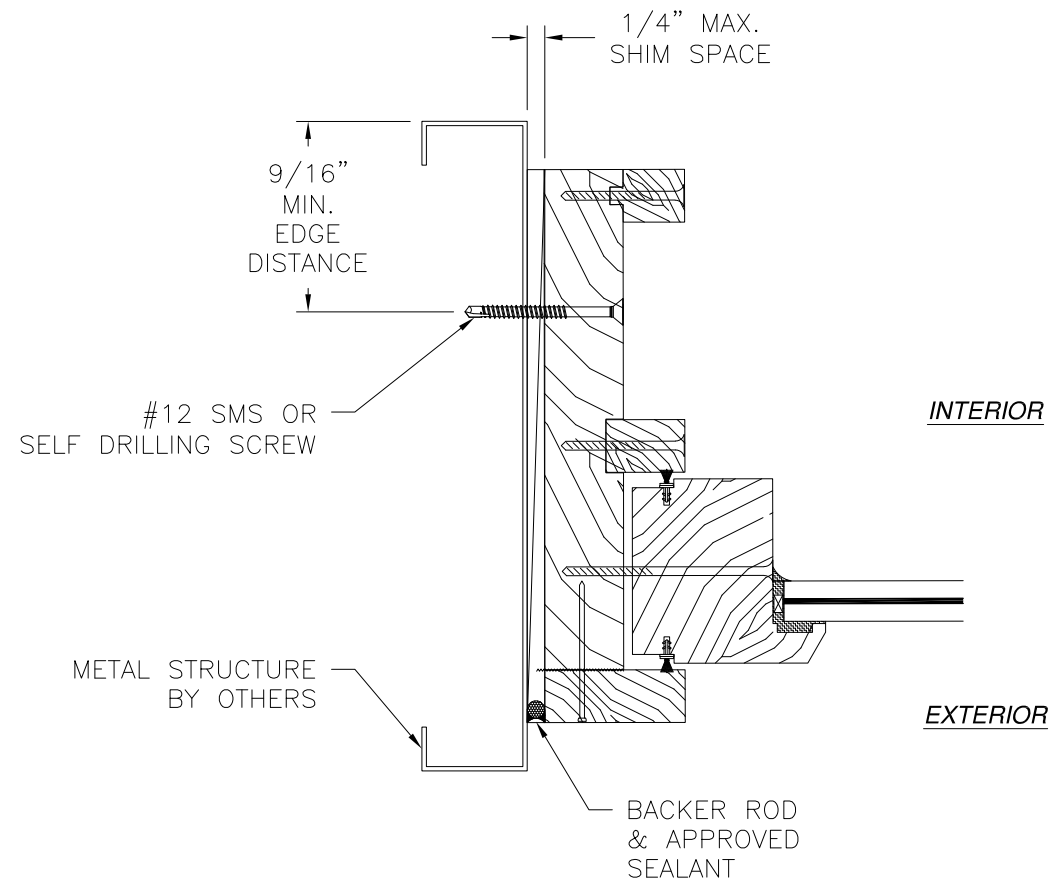
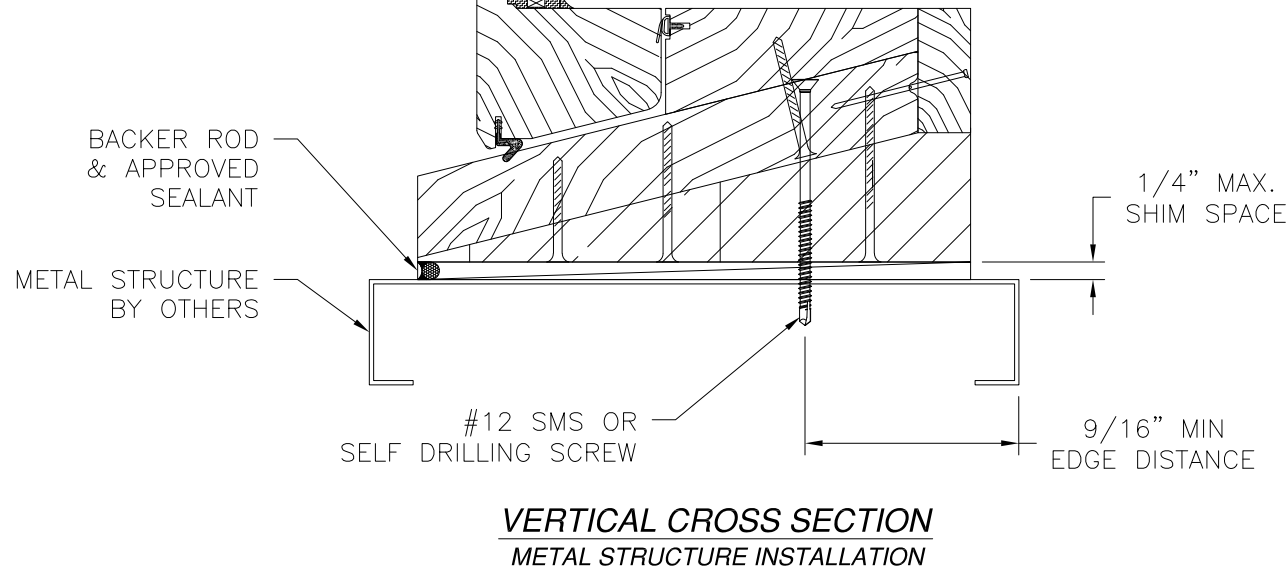
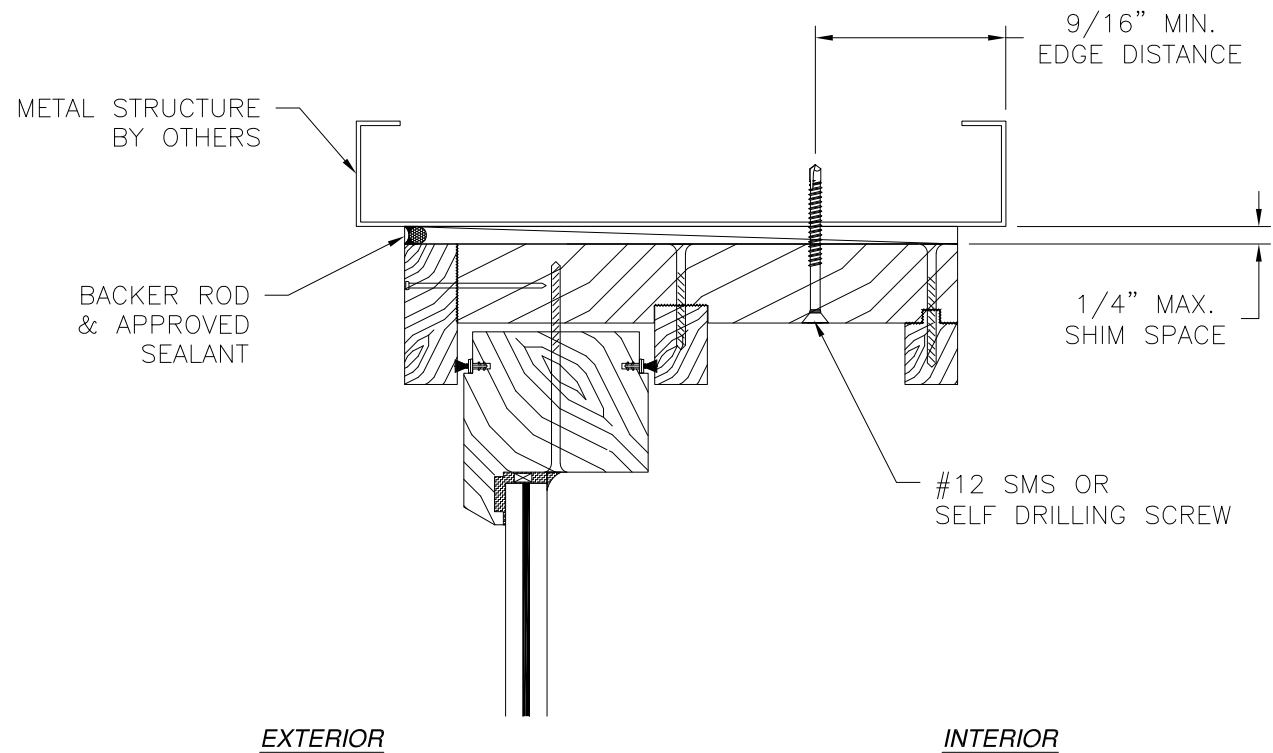
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PARRETT WINDOWS 690 E, 2nd AVE DORCHESTER, WI 54425		
WOOD DOUBLE HUNG FIXED WINDOW IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-04015	REV -
SCALE NTS	DATE 04/09/2024	SHEET 4 OF 6
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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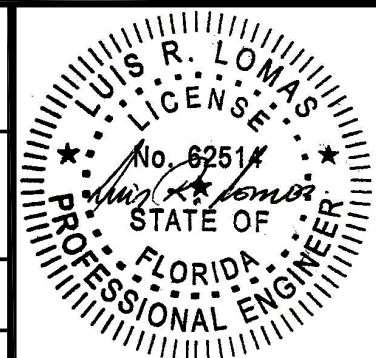


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

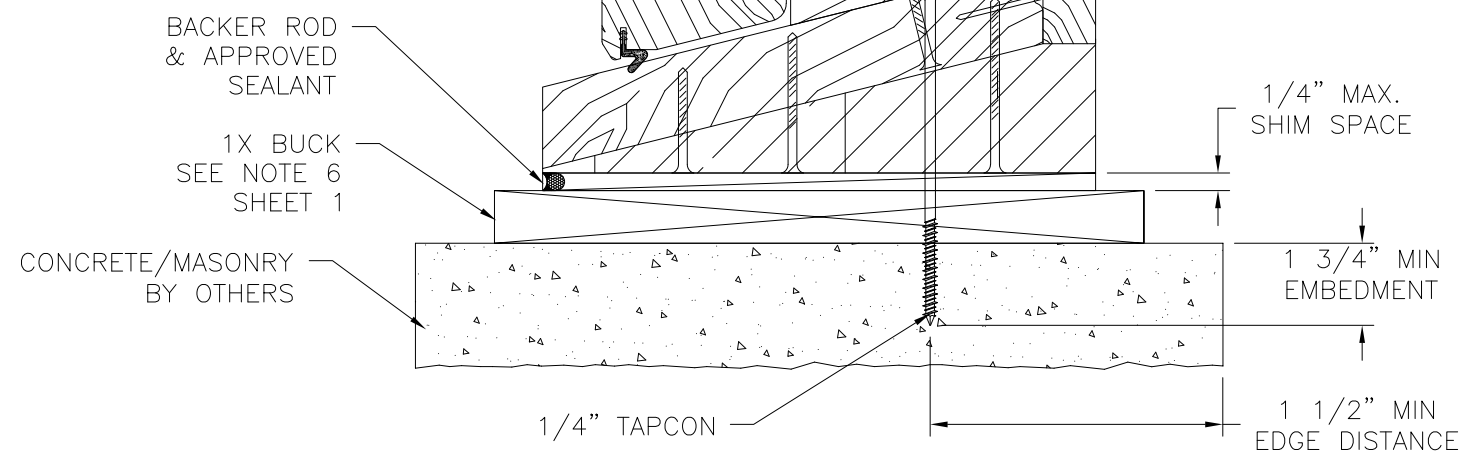
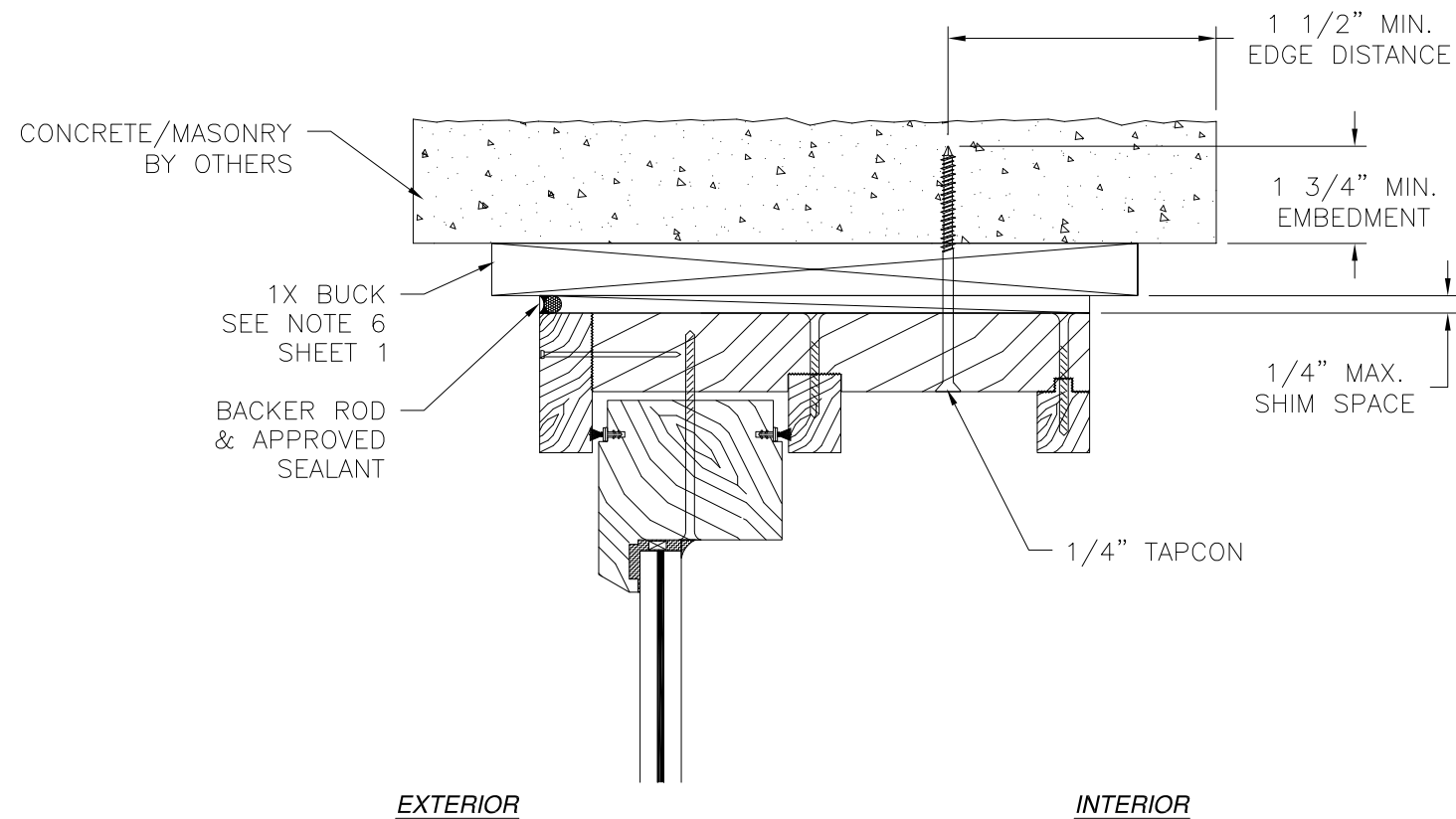
- NOTES:
- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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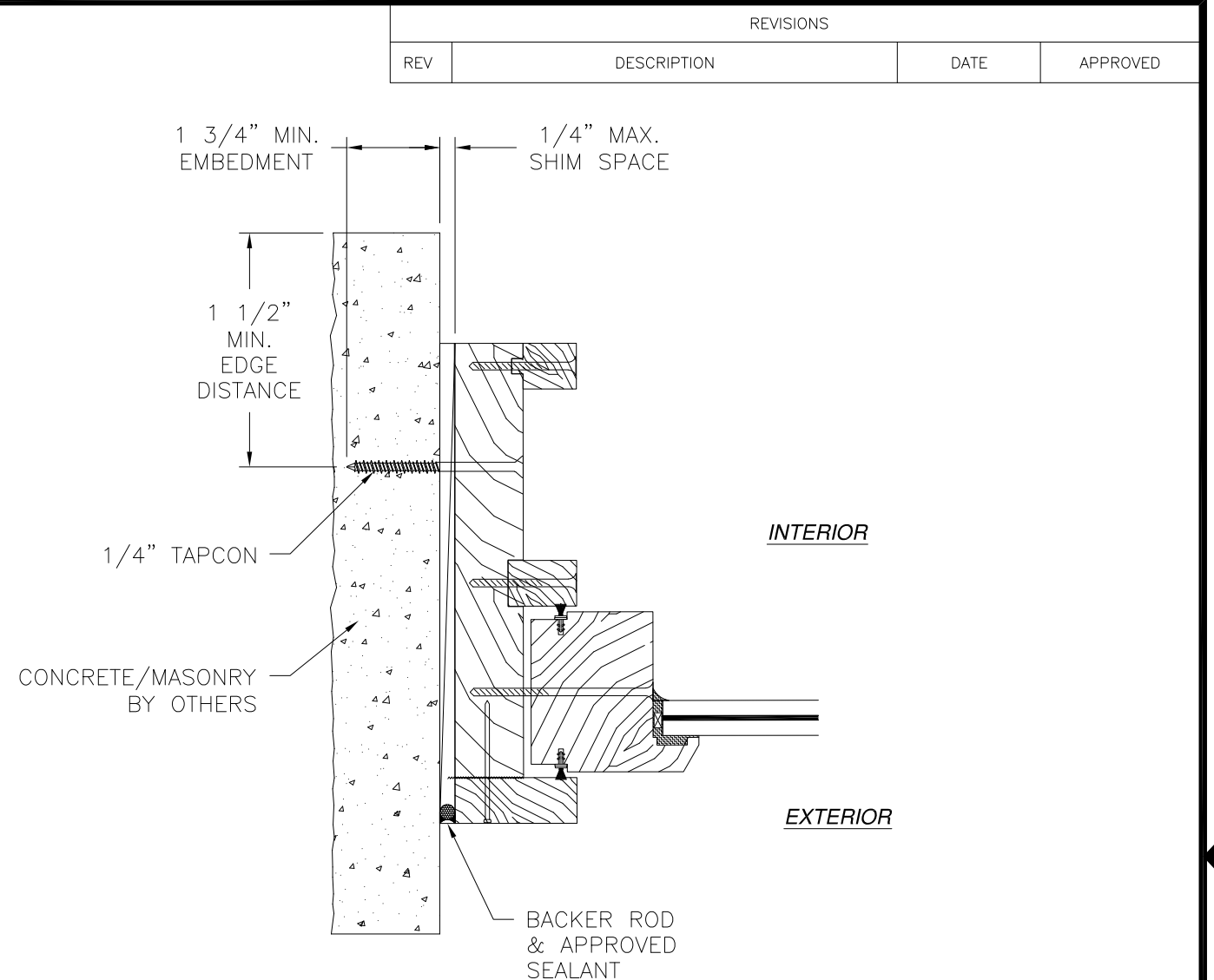
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

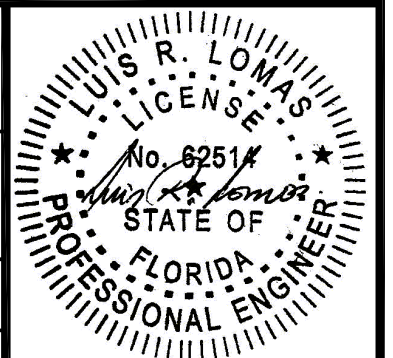


JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

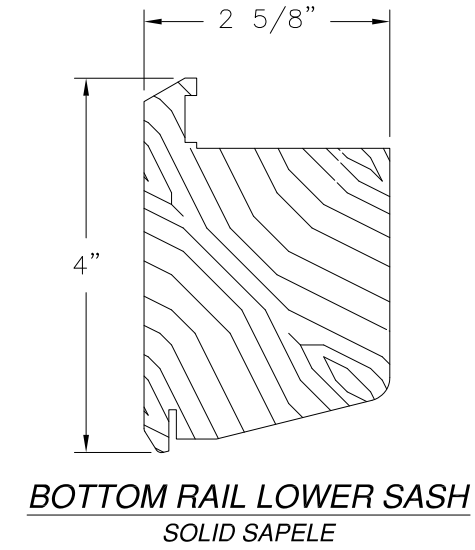
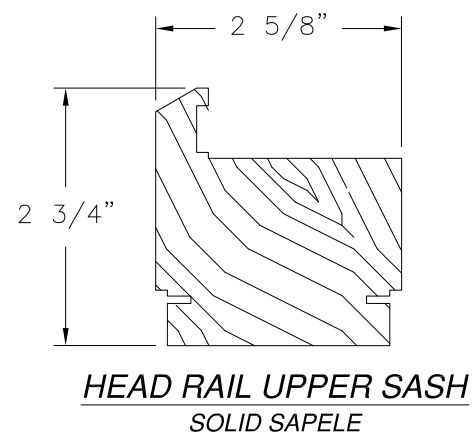
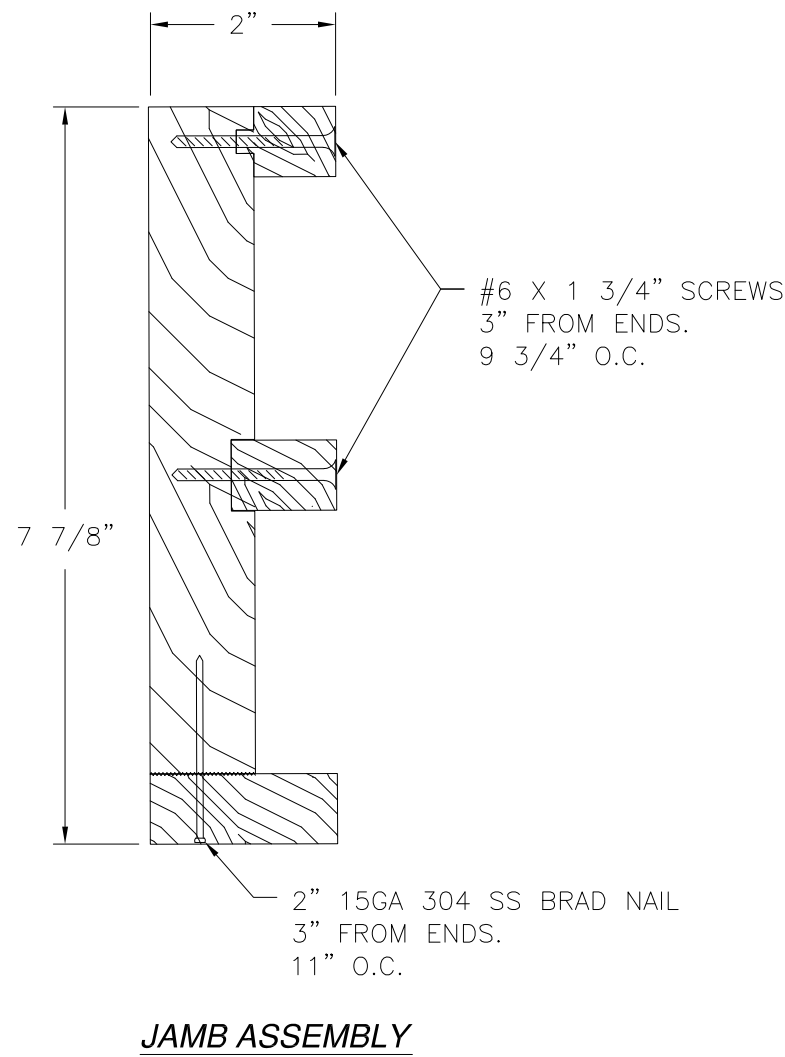
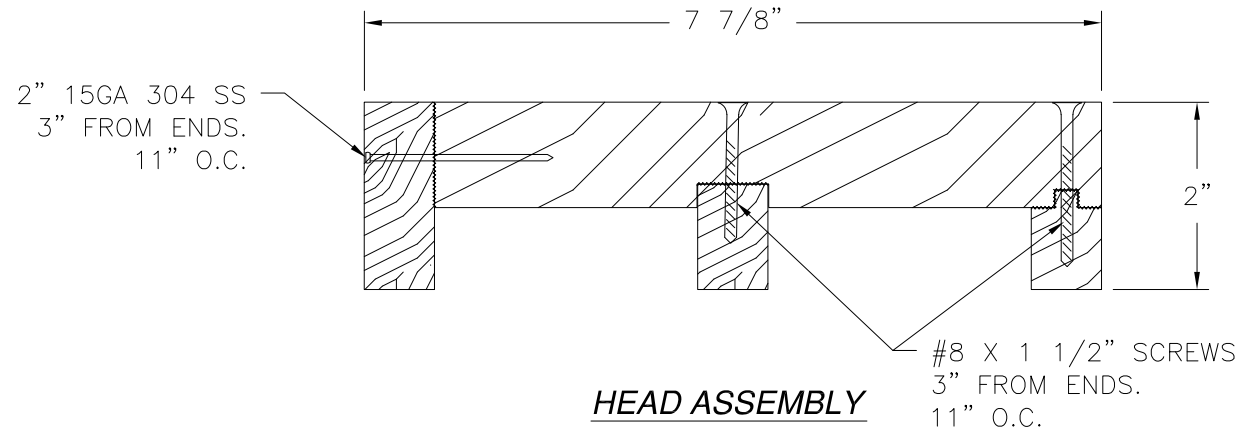
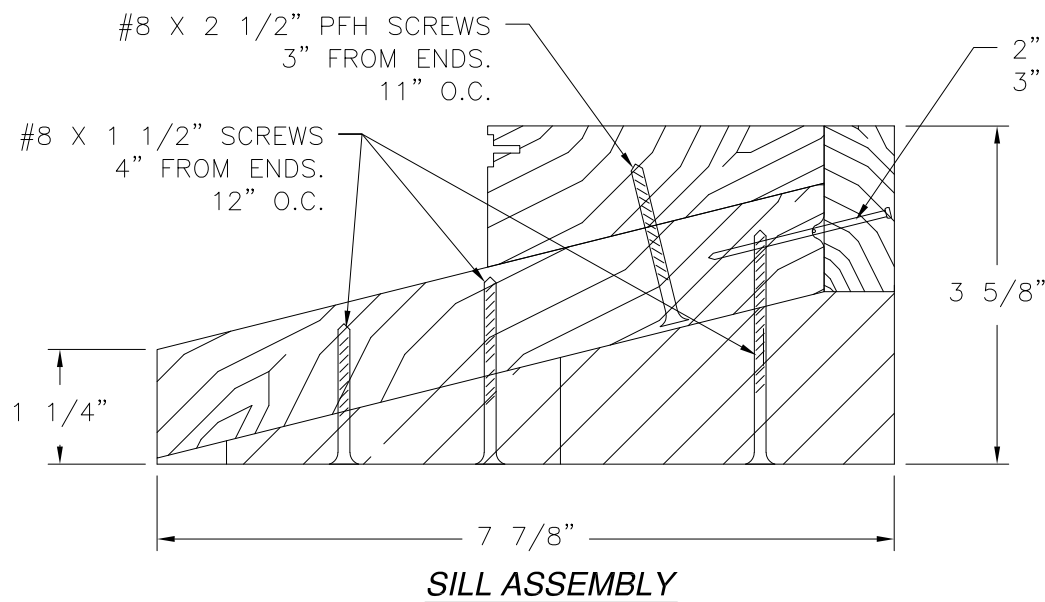
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 04/23/2024

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WOOD DOUBLE HUNG FIXED WINDOW IMPACT INSTALLATION DETAILS		
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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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DORCHESTER, WI 54425

WOOD DOUBLE HUNG FIXED WINDOW
IMPACT
COMPONENTS

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

LUIS R. LOMAS
LICENSE
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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