

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	ADDED APPROVED CONFIGURATIONS	01/27/26	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. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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 1/4".
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: EXTRUDED RIGID PVC.
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 THROUGH FIN 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.
15. FOR ANCHORING THROUGH FRAME 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.
16. 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 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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:

19.A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

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

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

19.D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM
20. UNITS MAY BE HAVE SASHES ANCHORED TO THE JAMBS IN ORDER TO QUALIFY SINGLE HUNG AND FIXED CONFIGURATIONS. REFER TO HORIZONTAL CROSS SECTIONS, SHEET 3.

SIGNED: 03/18/2026

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2	ELEVATION AND GLAZING DETAIL
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REILLY WINDOWS & DOORS

901 BURMAN BLVD

CALVERTON, NY 11933

WOOD DOUBLE HUNG WINDOW - IMPACT

48" X 96"

NOTES

DRAWN:

TJH

DWG NO.

08-00690F

REV

F

SCALE

NTS

DATE

02/27/09

SHEET

1

OF

7

L. ROBERTO LOMAS P.E.

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LUIS R. LOMAS

LICENSE

No. 62514

STATE OF

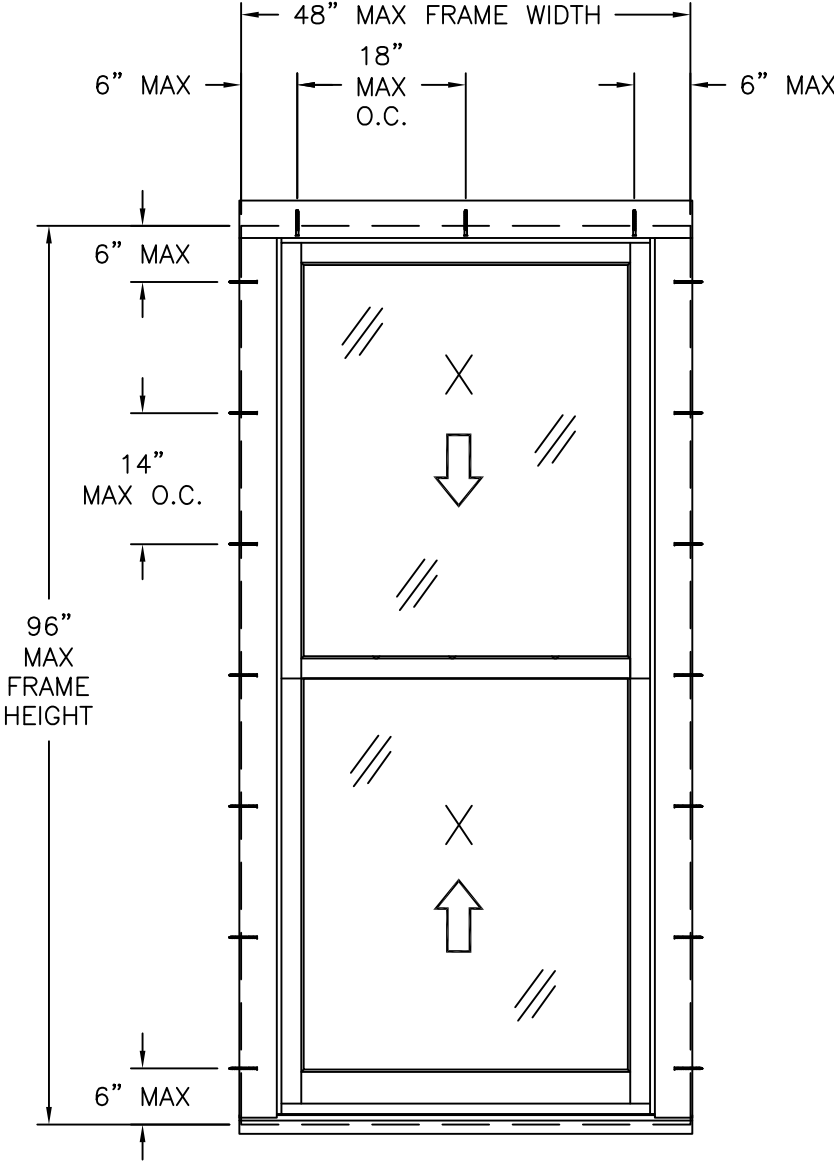
FLORIDA

PROFESSIONAL ENGINEER

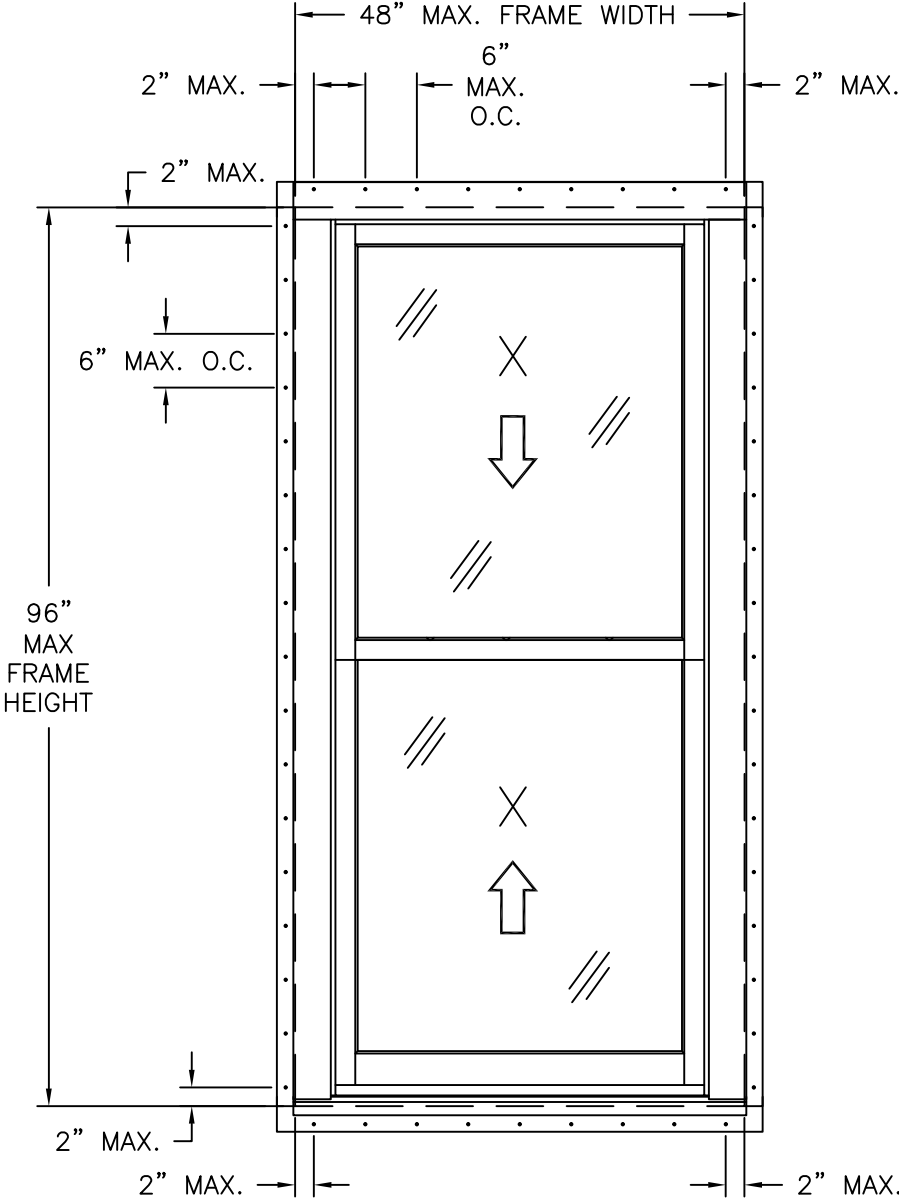
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DOUBLE HUNG IMPACT WOOD WINDOW
FRAME INSTALLATION
EXTERIOR VIEW



DOUBLE HUNG IMPACT WOOD WINDOW
FIN INSTALLATION
EXTERIOR VIEW

- NOTES:
- SASH SIZE: 40 5/8" X 47 1/8"
 - D.L.O. SIZE: 34 5/8" X 41 25/32"

UNITS WITH GLAS A

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

UNITS WITH GLAS B

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3

HARDWARE SCHEDULE

A.	(2) METAL CAM LOCKS WITH ADJACENT KEEPERS AT 9" FROM EACH END OF THE MEETING RAILS
B.	(4) COUNTER-WEIGHT BALANCE ASSEMBLY, 2 PER JAMB
C.	1" X 3/8" THICK STEEL REINFORCEMENT AT EXTERIOR MEETING RAIL

REILLY WINDOWS & DOORS

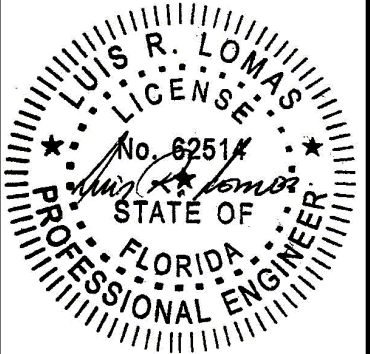
901 BURMAN BLVD
CALVERTON, NY 11933

WOOD DOUBLE HUNG WINDOW – IMPACT
48" X 96"
ELEVATIONS

DRAWN: TJH	DWG NO. 08-00690F	REV F
SCALE NTS	DATE 02/27/09	SHEET 2 OF 7

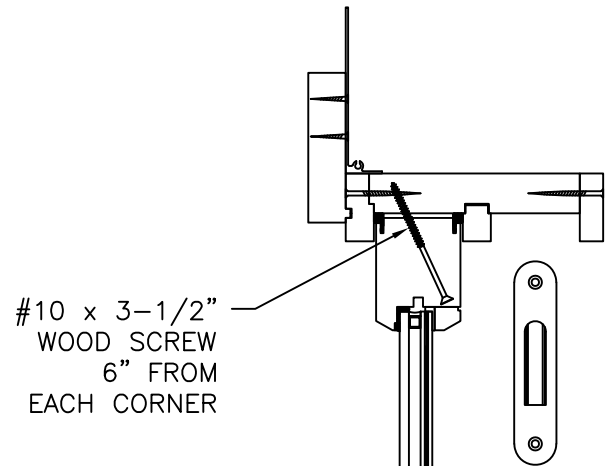
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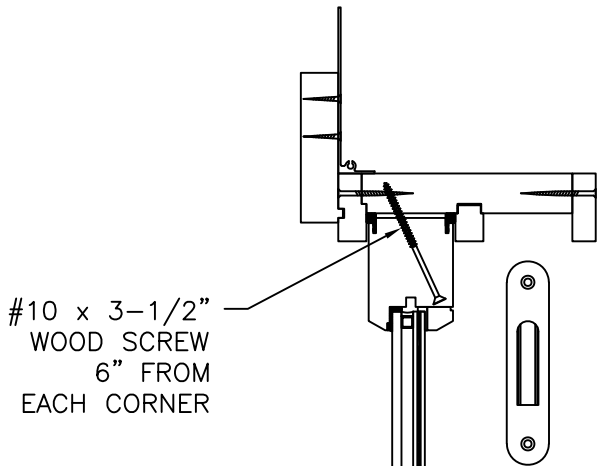


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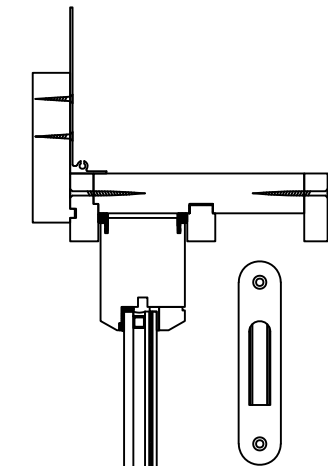
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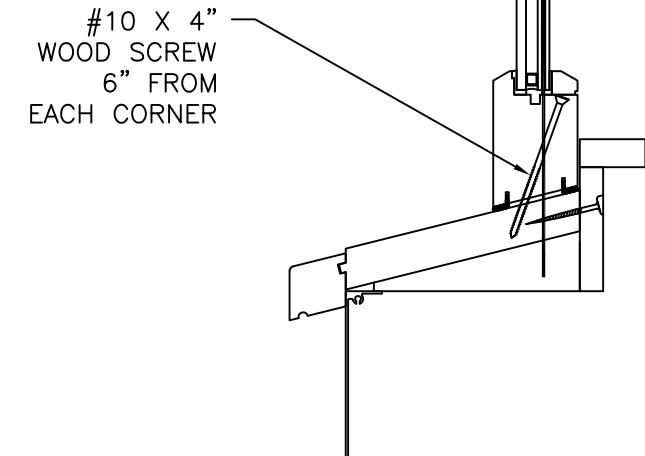
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VERTICAL CROSS SECTION



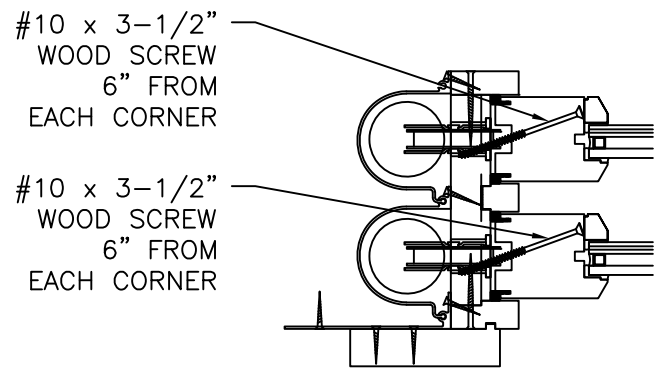
SINGLE HUNG WINDOW
VERTICAL CROSS SECTION



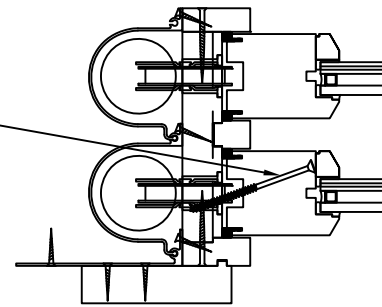
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VERTICAL CROSS SECTION



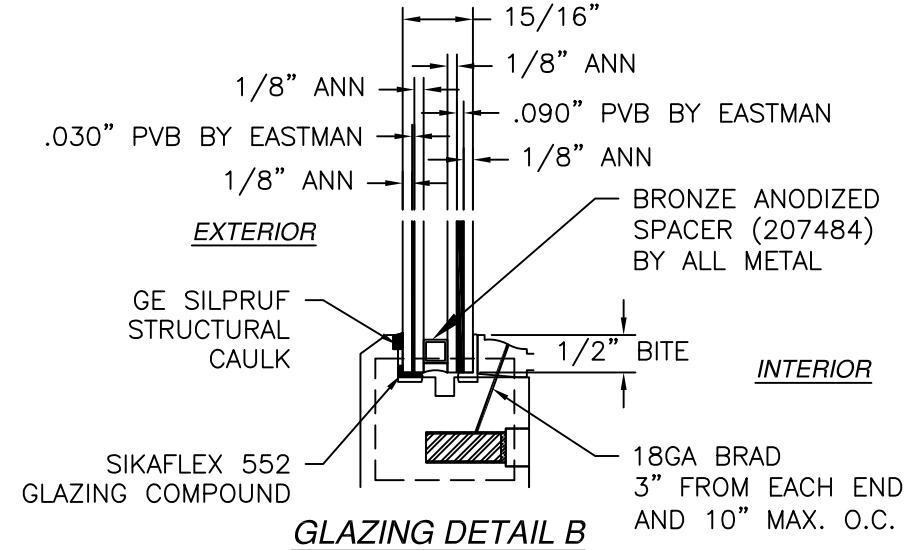
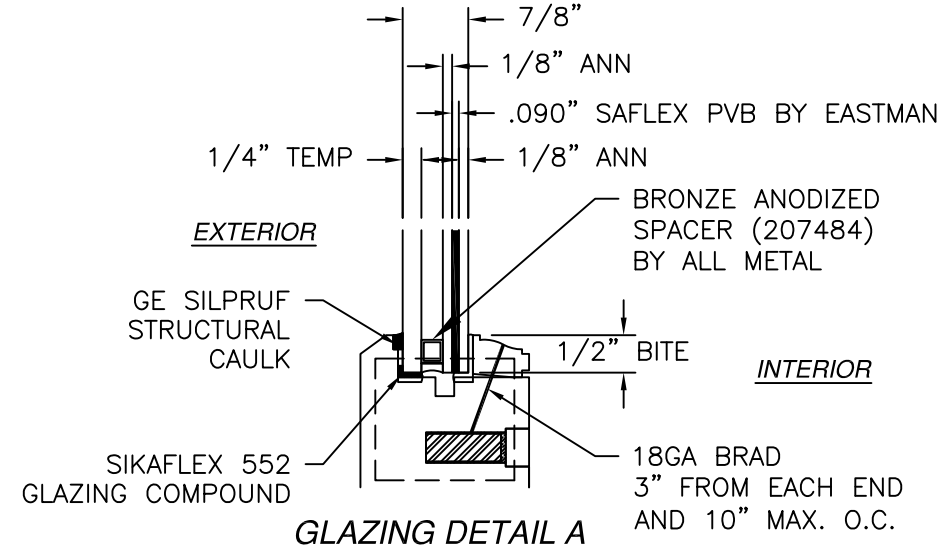
FIXED WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN
RIGHT SIDE SIMILAR



SINGLE HUNG WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN
RIGHT SIDE SIMILAR



DOUBLE HUNG WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN
RIGHT SIDE SIMILAR



REILLY WINDOWS & DOORS
901 BURMAN BLVD
CALVERTON, NY 11933

WOOD DOUBLE HUNG WINDOW – IMPACT
48" X 96"
APPROVED CONFIGURATIONS

DRAWN:
TJH

DWG NO.
08-00690F

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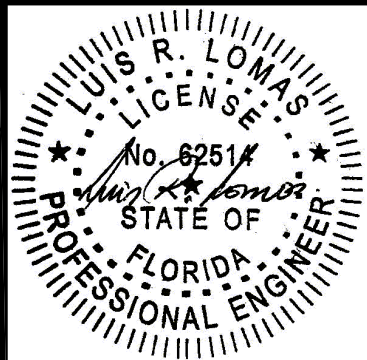
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DATE
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SHEET
3 OF 7

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SIGNED: 03/18/2026



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1/2" MIN
EDGE DISTANCE

WOOD FRAMING
OR 2X BUCK
BY OTHERS

1 1/4"
MIN
EMBEDMENT

1/4" MAX
SHIM

#8 WOOD SCREW

EXTERIOR

INTERIOR

APPROVED SEALANT
BY OTHERS

SILL TO BE SET
IN A BED OF
APPROVED SEALANT

1/4" MAX
SHIM

WOOD FRAMING
OR 2X BUCK
BY OTHERS

HEAD & SILL INSTALLATION DETAIL
2X BUCK/WOOD FRAMING

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INTERIOR

1/4" MAX
SHIM

1 1/4" MIN
EMBEDMENT

#8 WOOD
SCREW

1/2"
MIN
EDGE
DISTANCE

WOOD FRAMING
OR 2X BUCK
BY OTHERS

EXTERIOR

JAMB INSTALLATION DETAIL
2X BUCK/WOOD FRAMING

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: 03/18/2026

REILLY WINDOWS & DOORS

901 BURMAN BLVD
CALVERTON, NY 11933

WOOD DOUBLE HUNG WINDOW - IMPACT
48" X 96"
FRAME INSTALLATION DETAILS

DRAWN:
TJH

DWG NO.

08-00690F

REV
F

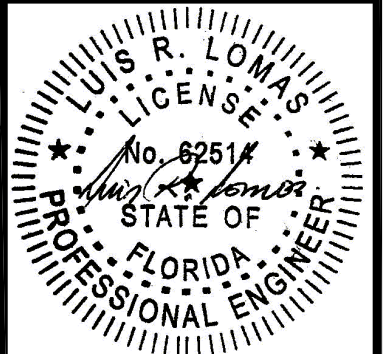
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SHEET 4 OF 7

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Luis R. Lomas P.E.
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1/2" MIN
EDGE DISTANCE

METAL FRAMING
BY OTHERS

1/4" MAX
SHIM

#8 SMS OR
SELF DRILLING
SCREW

EXTERIOR

INTERIOR

SILL TO BE SET
IN A BED OF
APPROVED SEALANT

APPROVED SEALANT
BY OTHERS

METAL FRAMING
BY OTHERS

HEAD & SILL INSTALLATION DETAIL
METAL FRAMING

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INTERIOR

1/4" MAX
SHIM

#8 SMS OR
SELF DRILLING
SCREW

1/2" MIN
EDGE
DISTANCE

METAL FRAMING
BY OTHERS

EXTERIOR

JAMB INSTALLATION DETAIL
METAL FRAMING

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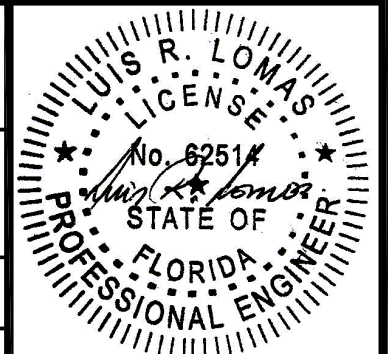
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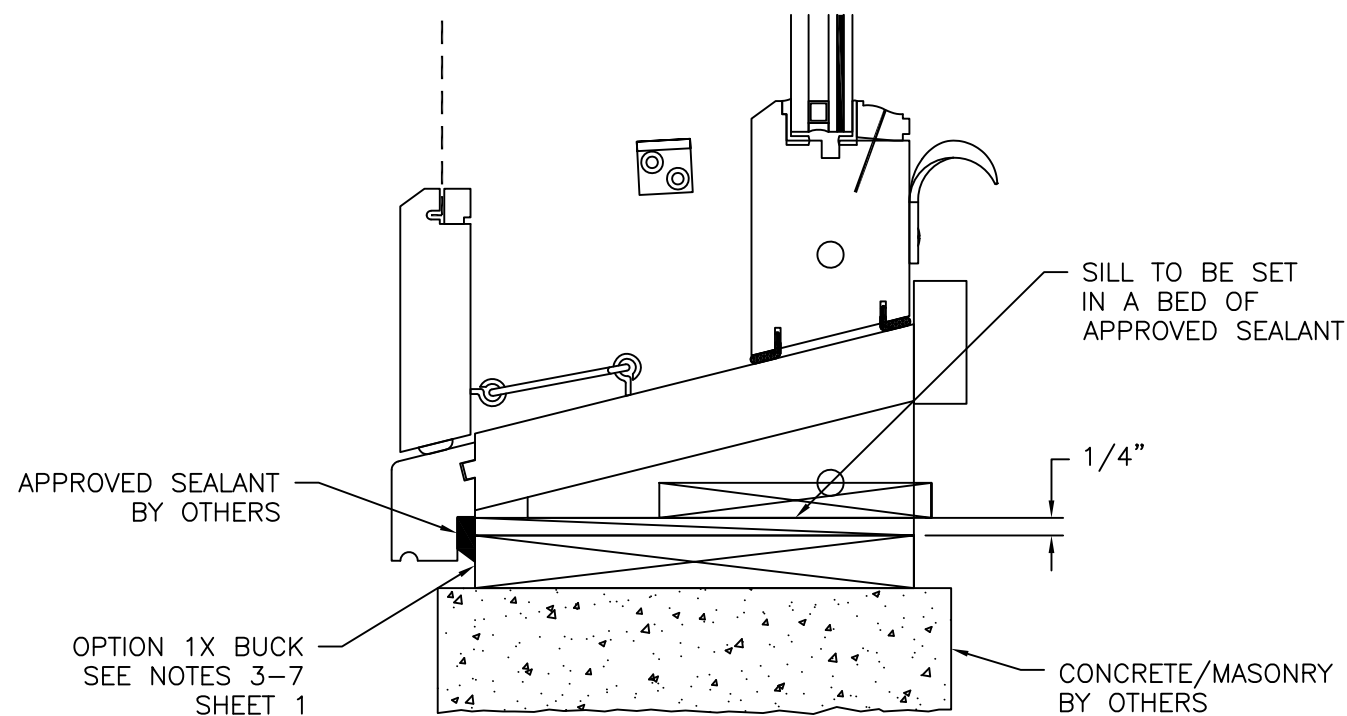
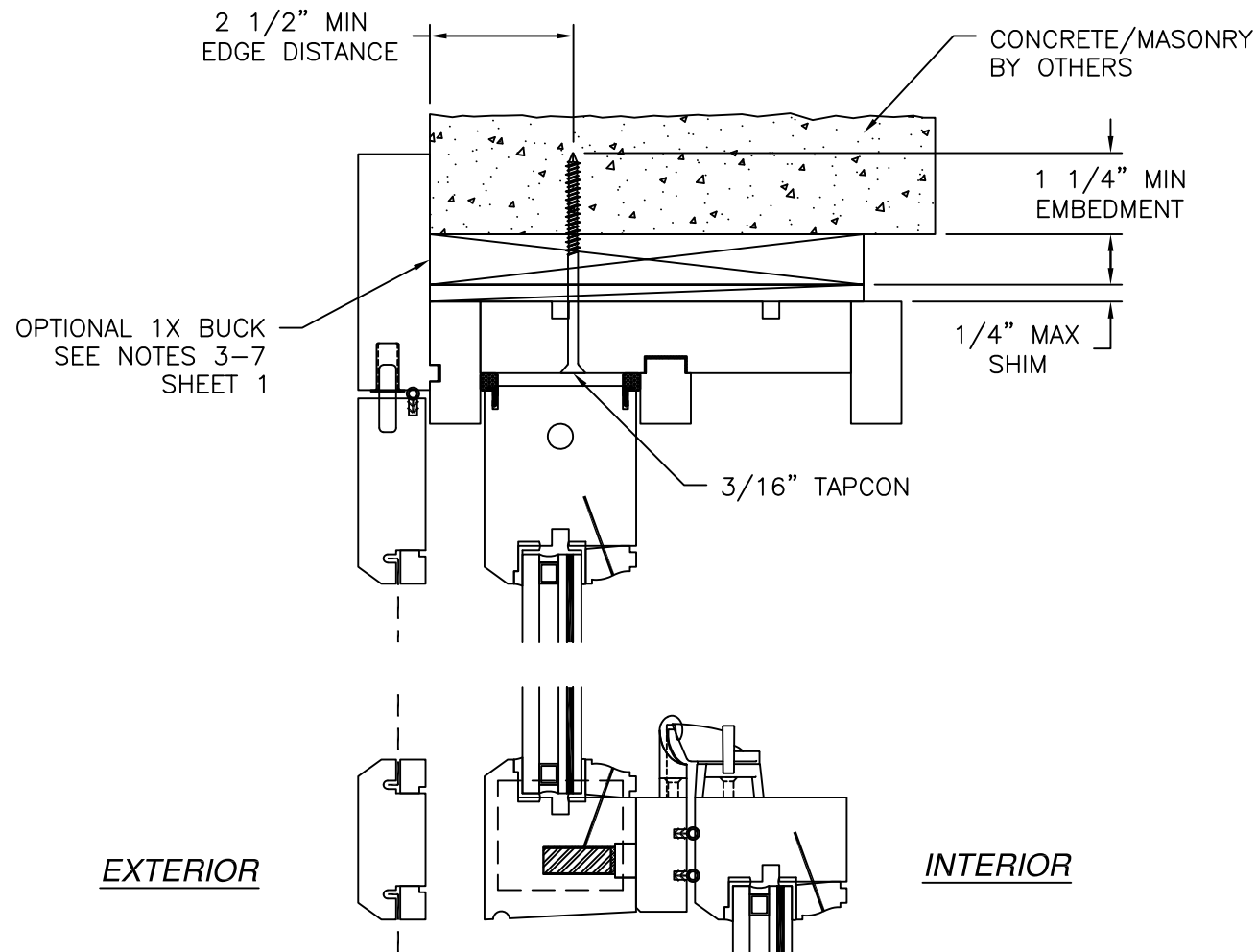
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48" X 96"
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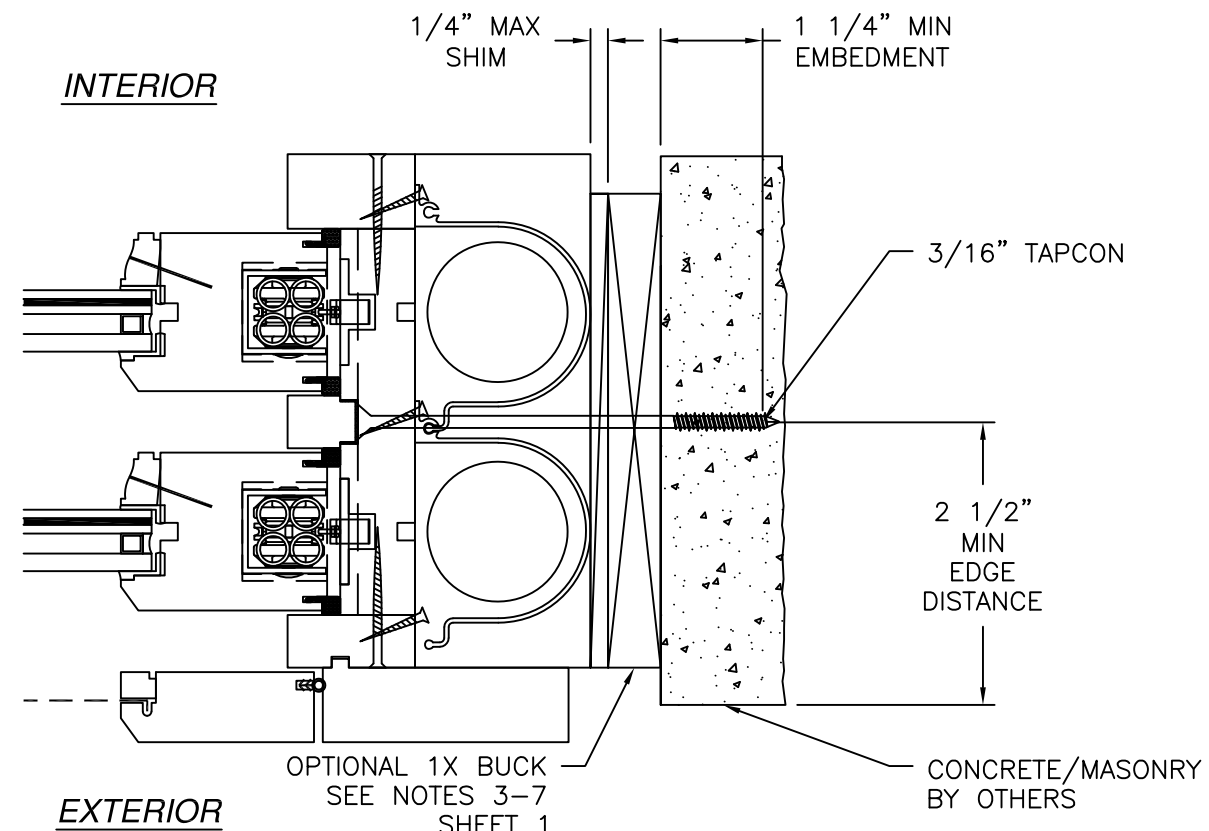
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HEAD & SILL INSTALLATION DETAIL
CONCRETE/MASONRY FRAMING



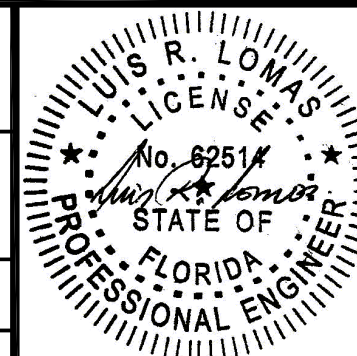
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY FRAMING

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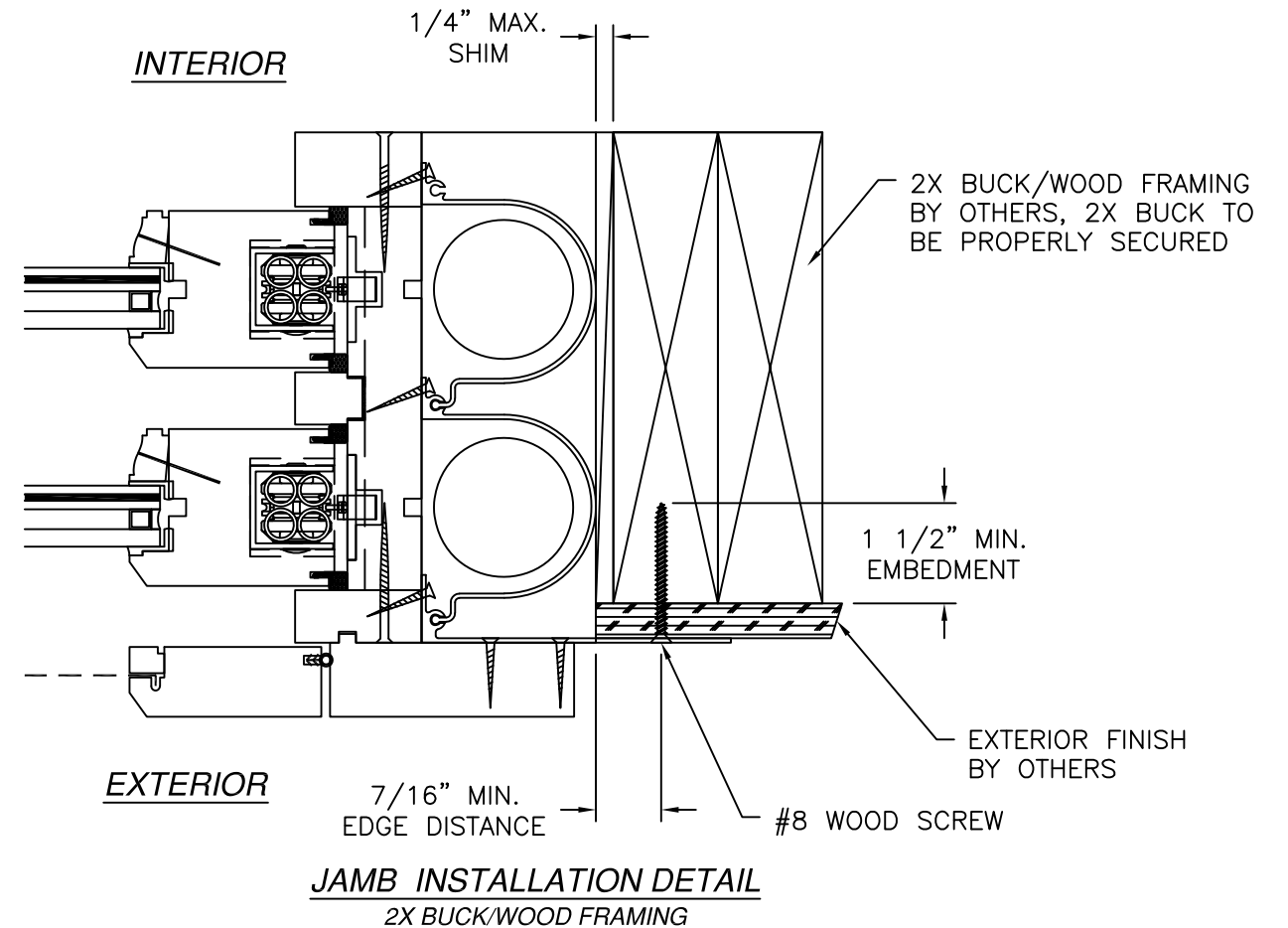
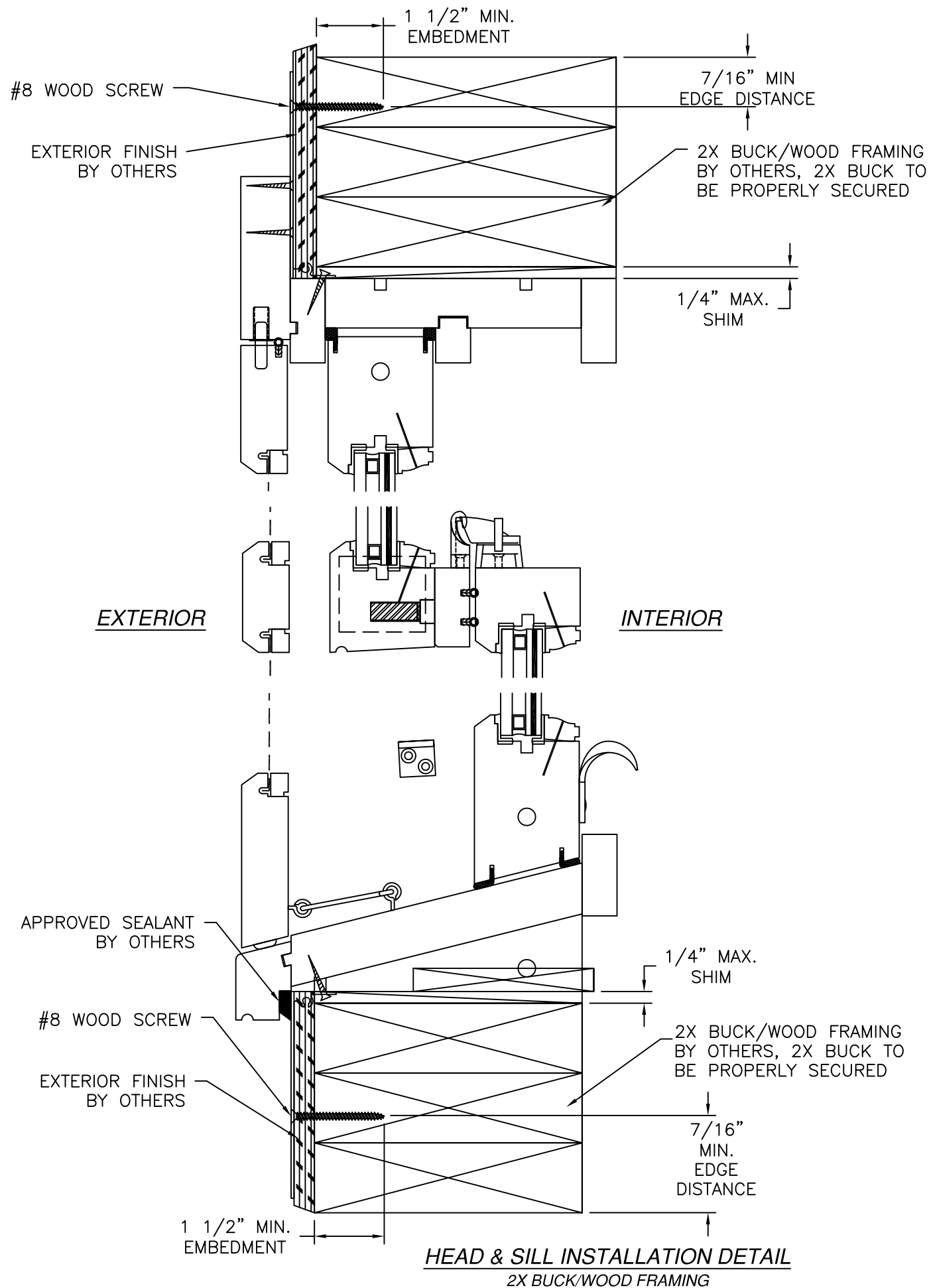
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REILLY WINDOWS & DOORS 901 BURMAN BLVD CALVERTON, NY 11933		
WOOD DOUBLE HUNG WINDOW – IMPACT 48" X 96" FRAME INSTALLATION DETAILS		
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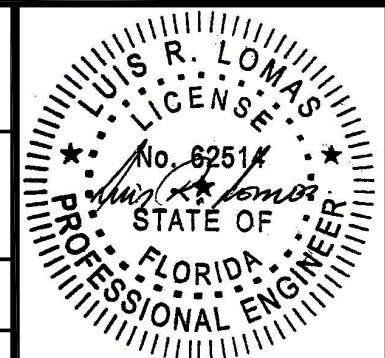


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WOOD DOUBLE HUNG WINDOW - IMPACT 48" X 96" FIN INSTALLATION DETAILS		
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