


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	01/09/18	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. 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.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T6.
6. UNITS MUST BE GLAZED PER ASTM E1300-04/09 SEE SHEET 2 FOR DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. 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.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" 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.
11. FOR ANCHORING TROUGH 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.

12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM
14. APPROVED CONFIGURATIONS: OXXO, OXX, XXO, XX, OX, XO
15. UNITS MUST BE INSTALLED WITH 2 1/4" SILL RISER.

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EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
EASTERN METAL SUPPLY

16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES FWI 6000 ALUMINUM IMPACT RATED
SLIDING GLASS DOOR
NOTES

DRAWN:
N.G.

DWG NO.
08-02676

REV
A

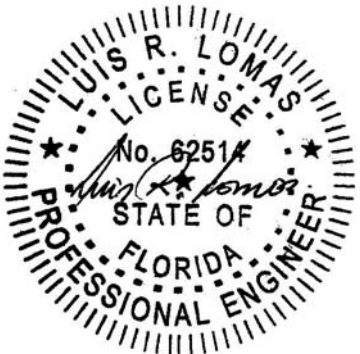
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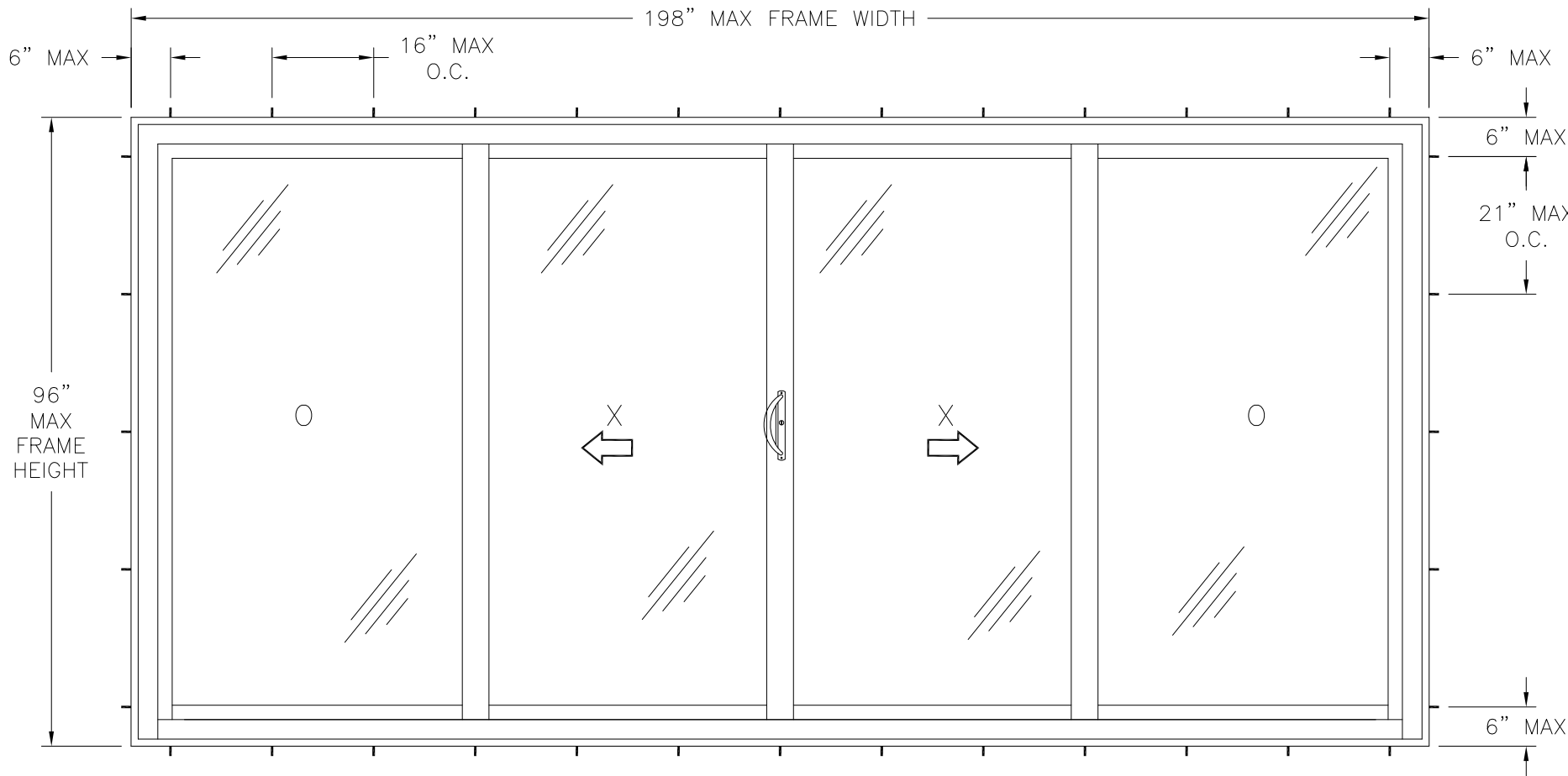
SHEET 1 OF 11

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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



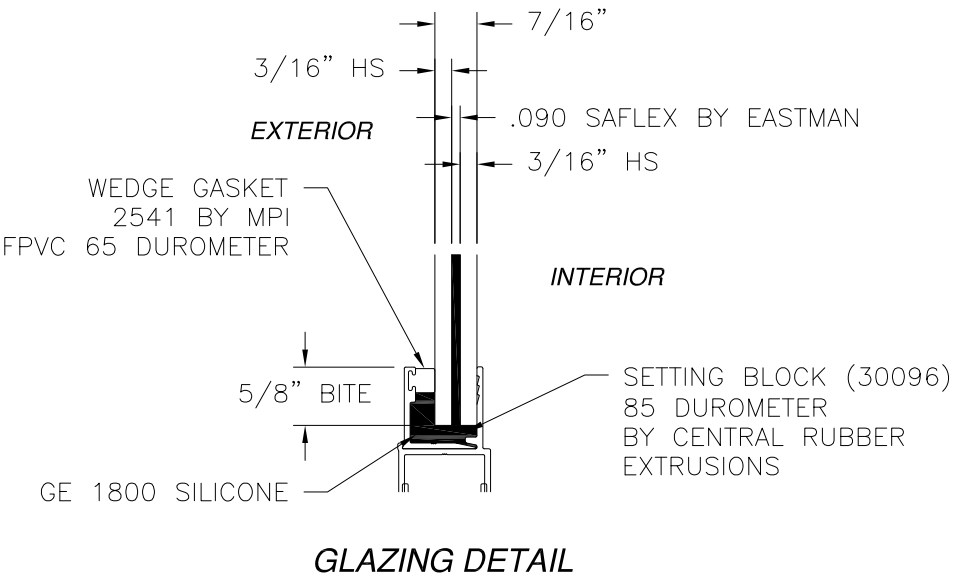
SERIES FWI 6000 ALUMINUM IMPACT RATED SLIDING GLASS DOOR
EXTERIOR VIEW

UNITS UP TO 4 PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED, SEE NOTE 14
SHEET 1, AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 33.64 FT²

DESIGN PRESSURE RATING	IMPACT RATING
±80.0PSF	LARGE AND SMALL MISSILE IMPACT


MISSILE LEVEL D, WIND ZONE 4

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- NOTES:
- (8) 1 3/4" WEEP NOTCH FOUR AT EACH END OF FRAME SILL
 - PANEL SIZE: 51" X 95"
 4. D.L.O.: 44 3/4" X 90 3/4"

HARDWARE SCHEDULE	
A.	(1) FLUSH MOUNT STEEL THREE PLY HOOK LOCK AT 41" FROM BOTTOM MOVING PANEL LOCK STILE
B.	(1) STEEL KEEPER AT 39 1/2" FROM BOTTOM FEMALE ASTRAGAL STILE
C.	(2) ADJUSTABLE TANDEM ALUMINUM WHEELS IN ALUMINUM HOUSING AT EACH PANEL BOTTOM RAIL



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ELEVATION

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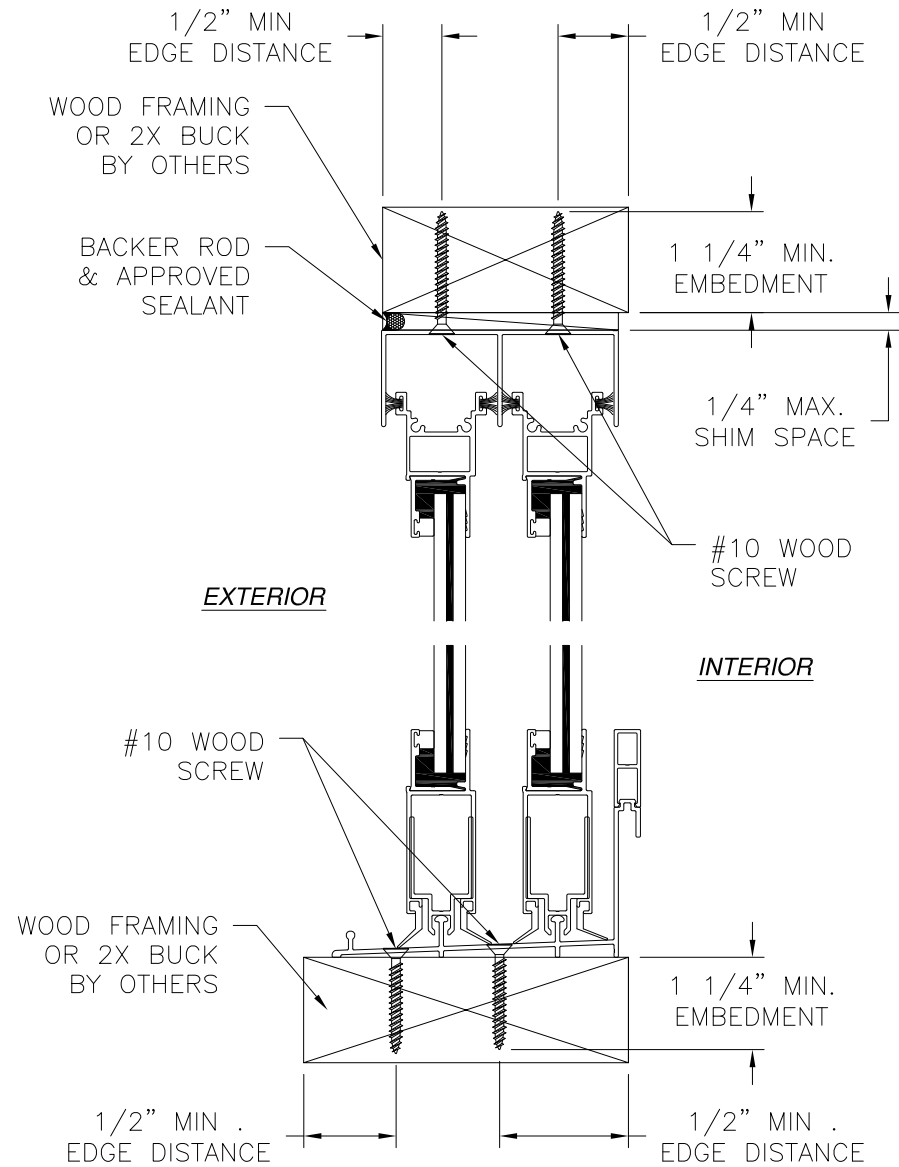
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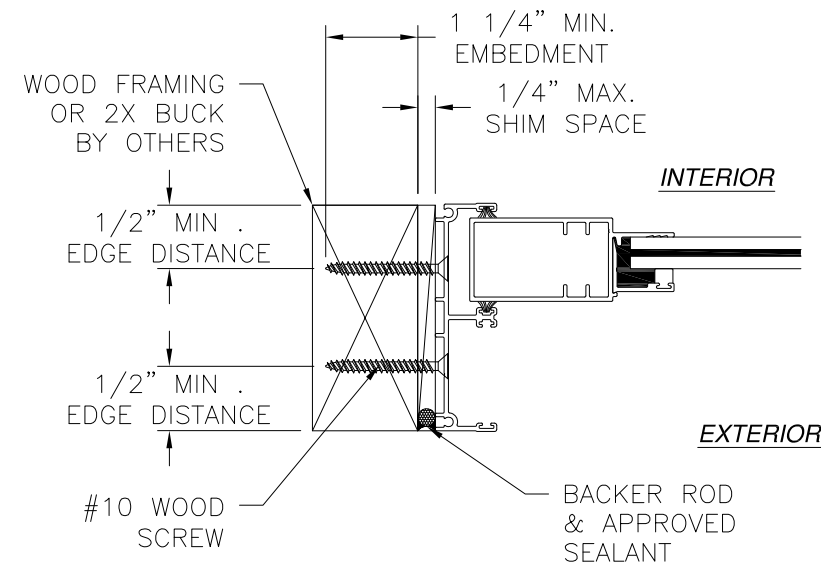


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
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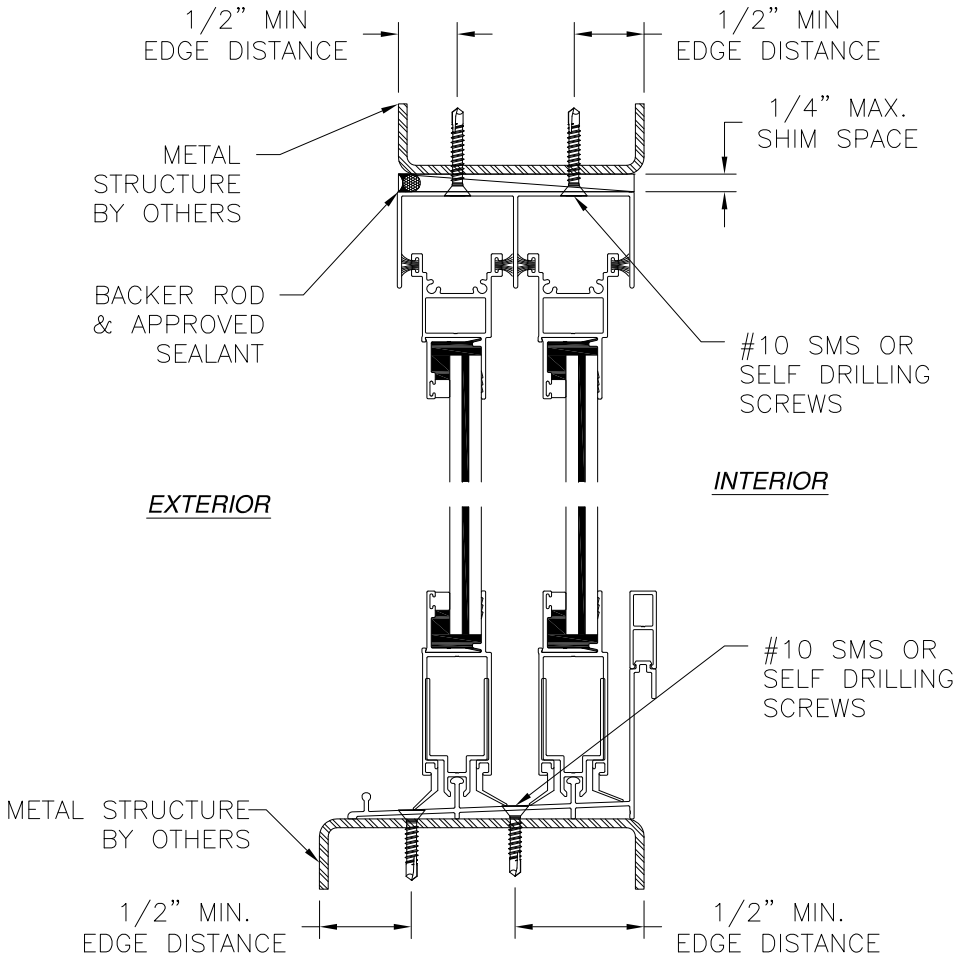
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SERIES FWI 6000 ALUMINUM IMPACT RATED SLIDING GLASS DOOR 2 TRACK INSTALLATION DETAILS			
DRAWN: N.G.		DWG NO. 08-02676	
SCALE NTS		DATE 03/30/15	
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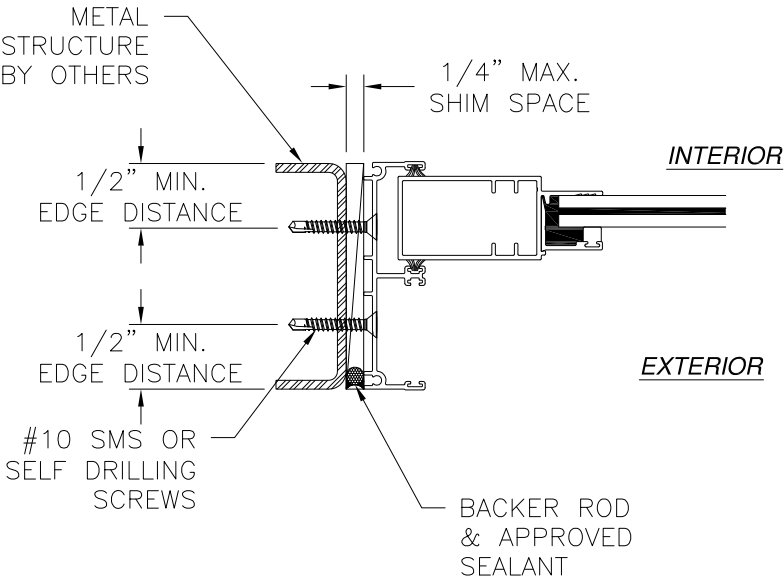


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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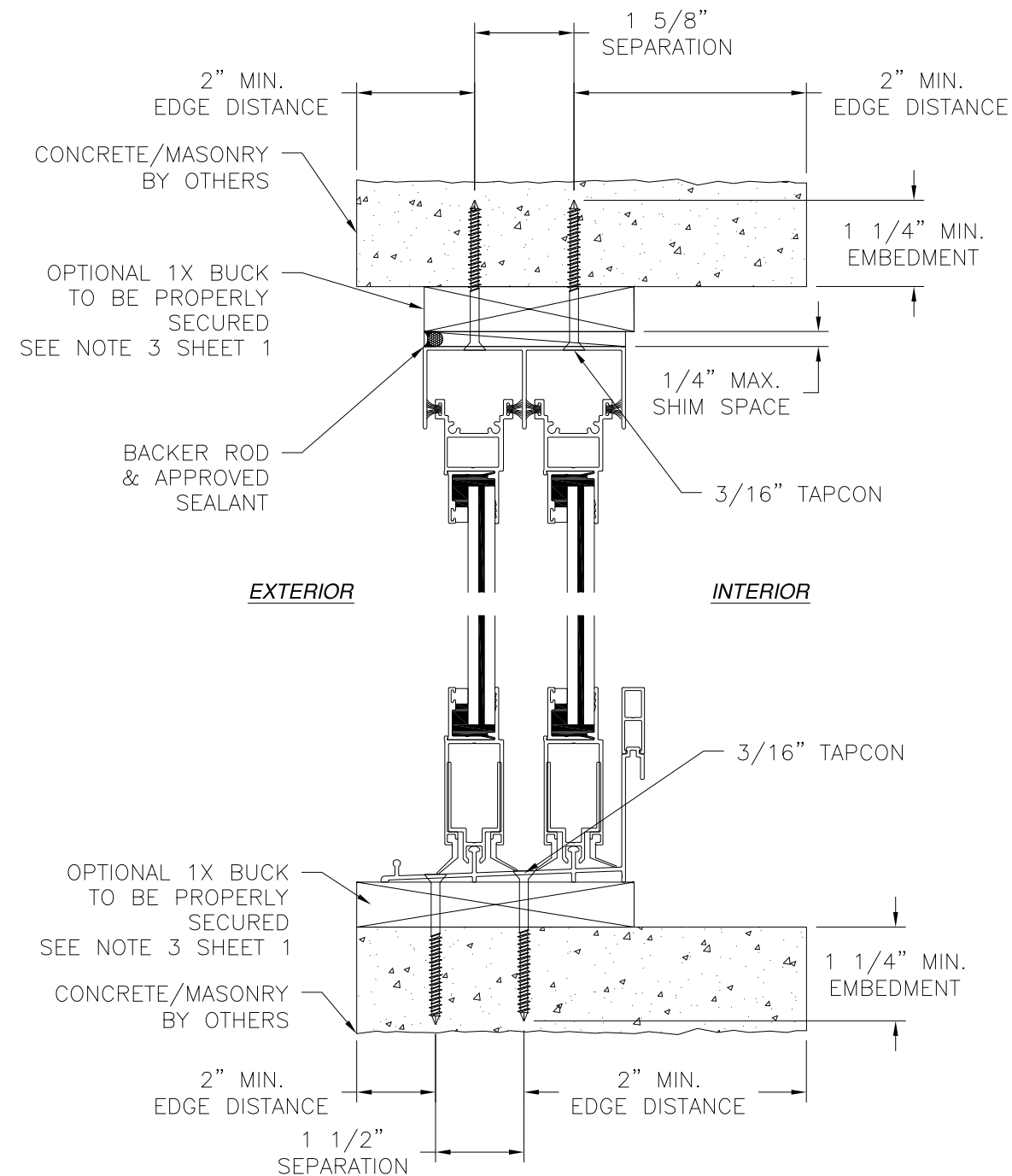
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1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

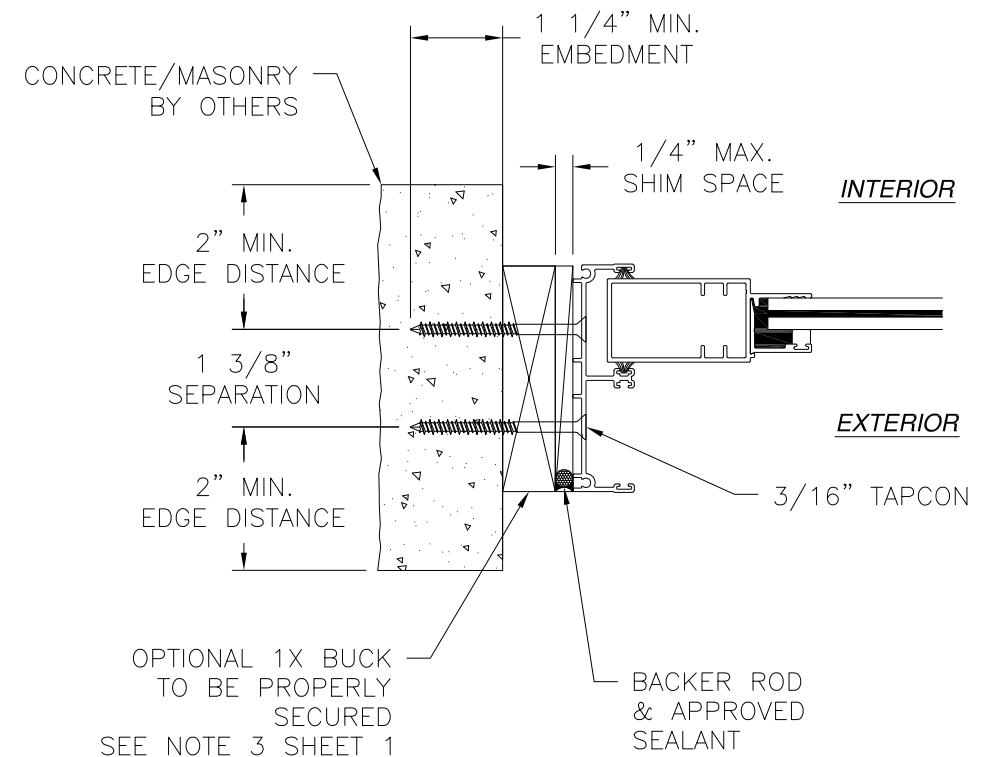


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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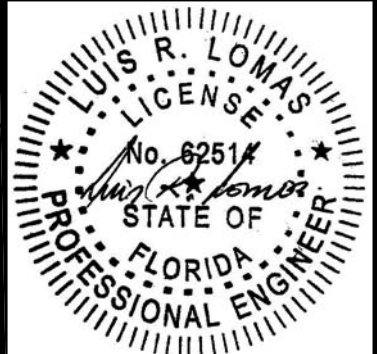
Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

OTHERS TO BE
BY OTHERS TO BE
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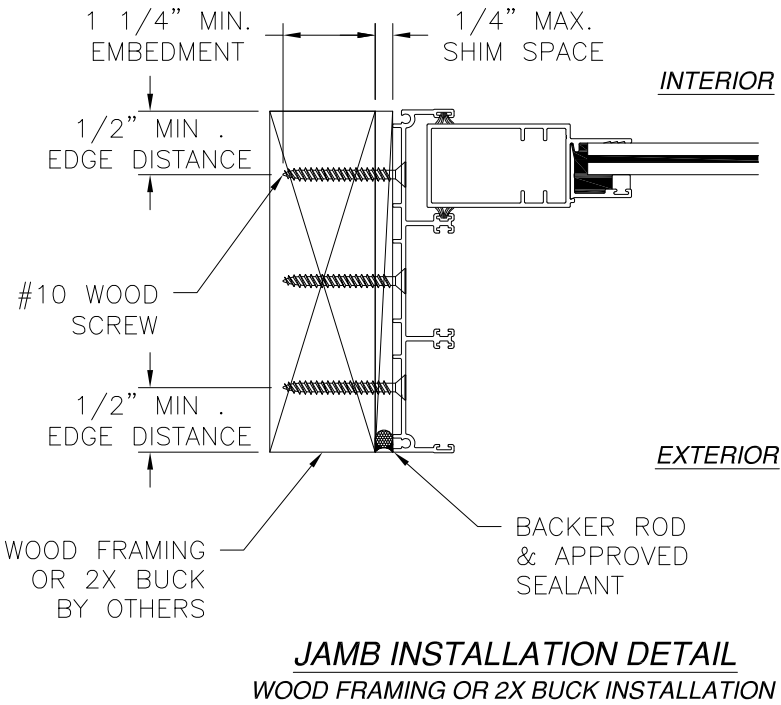
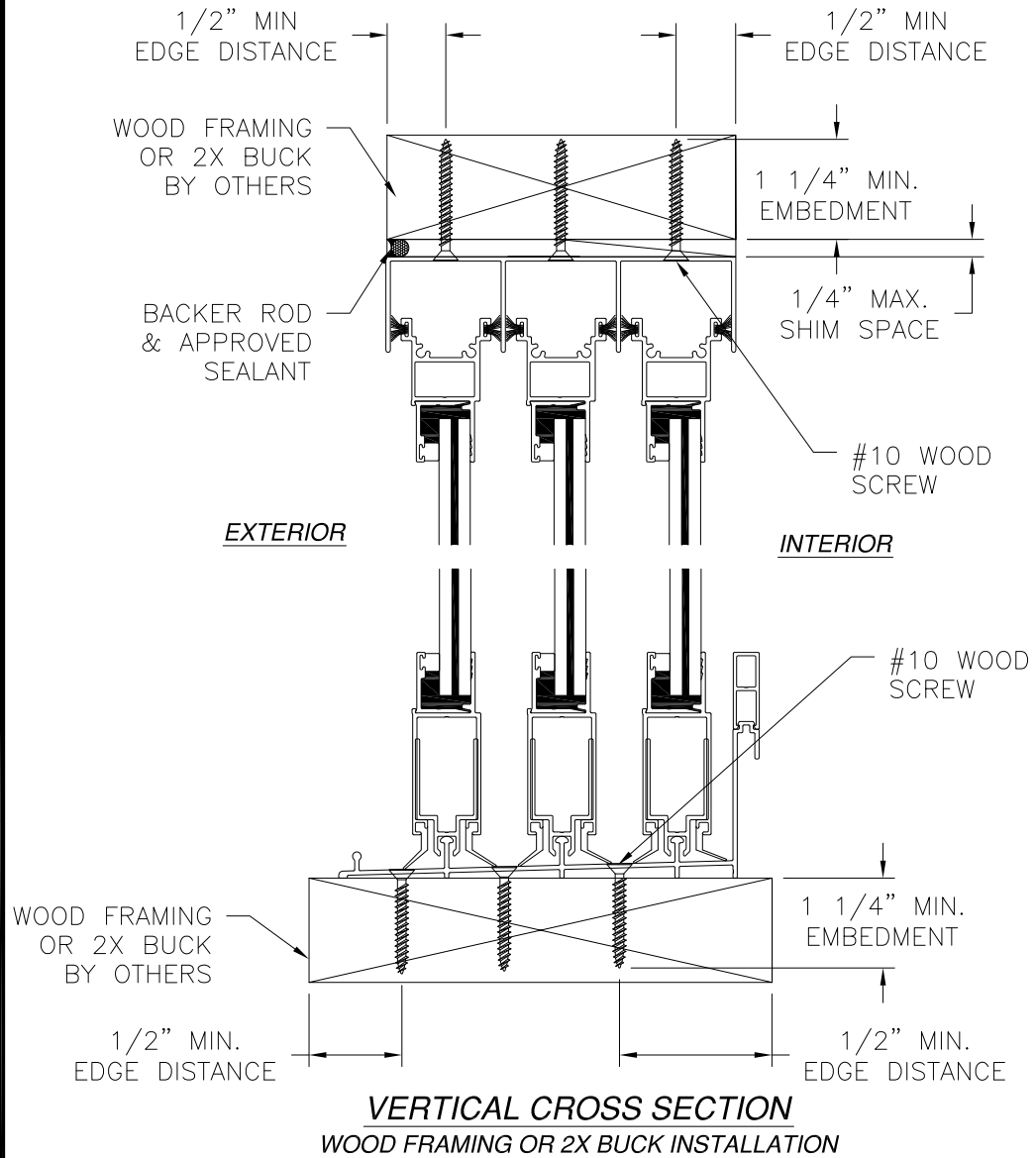
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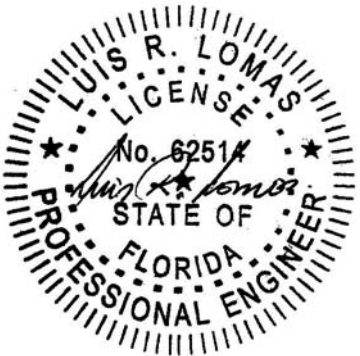


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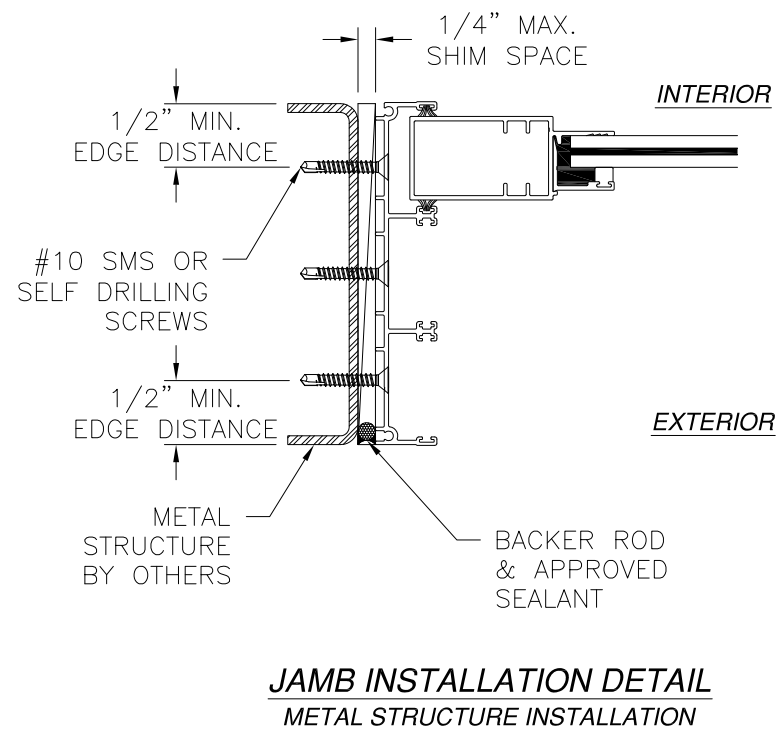
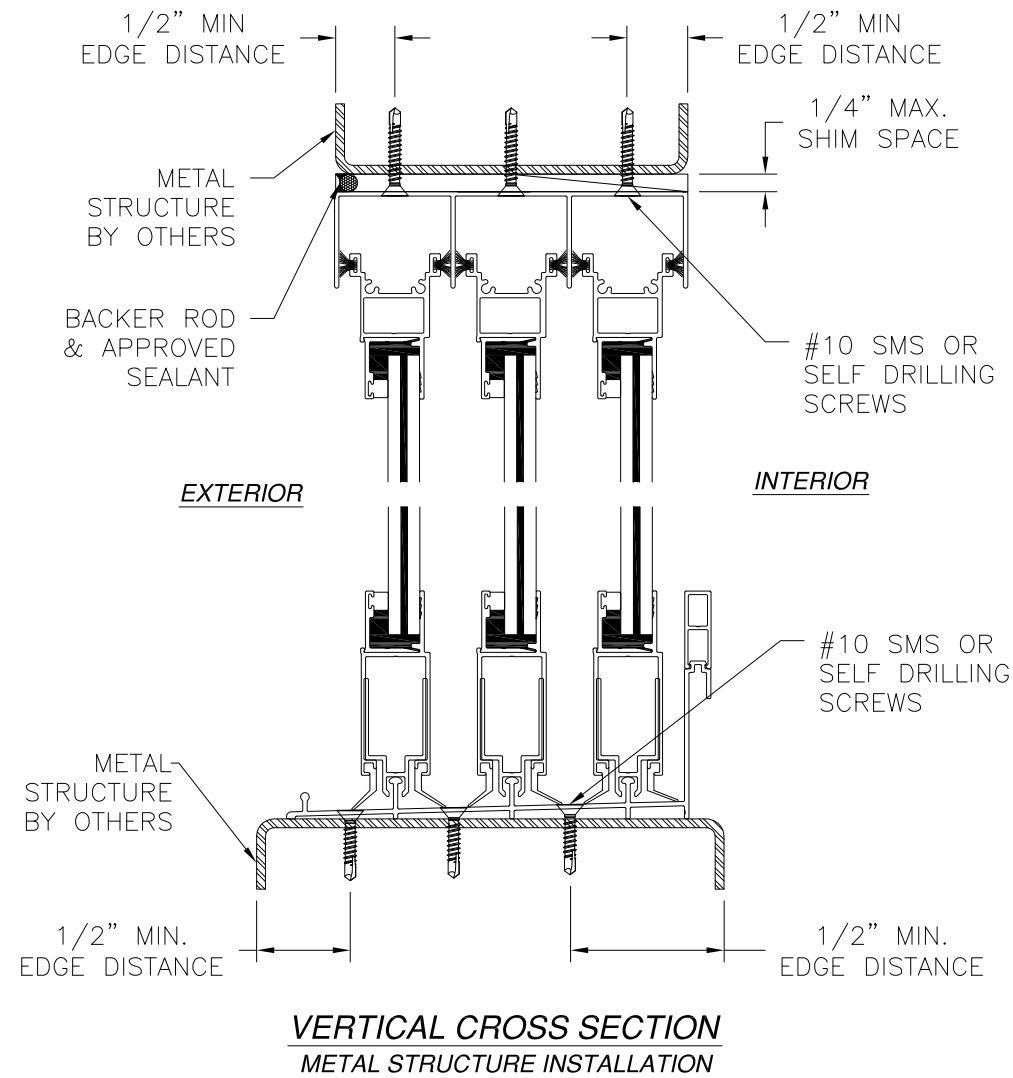
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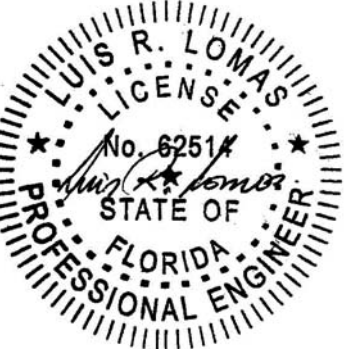
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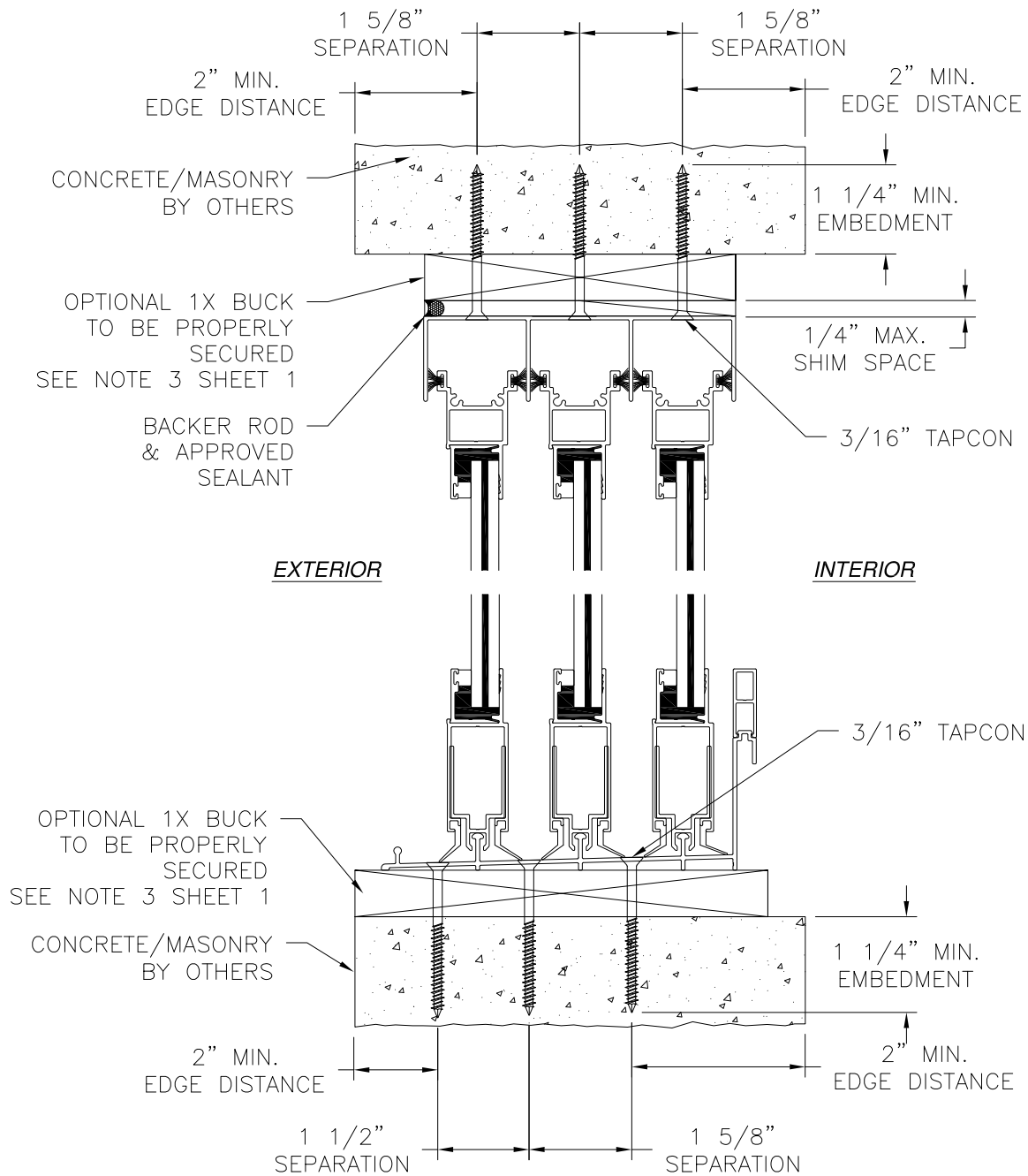
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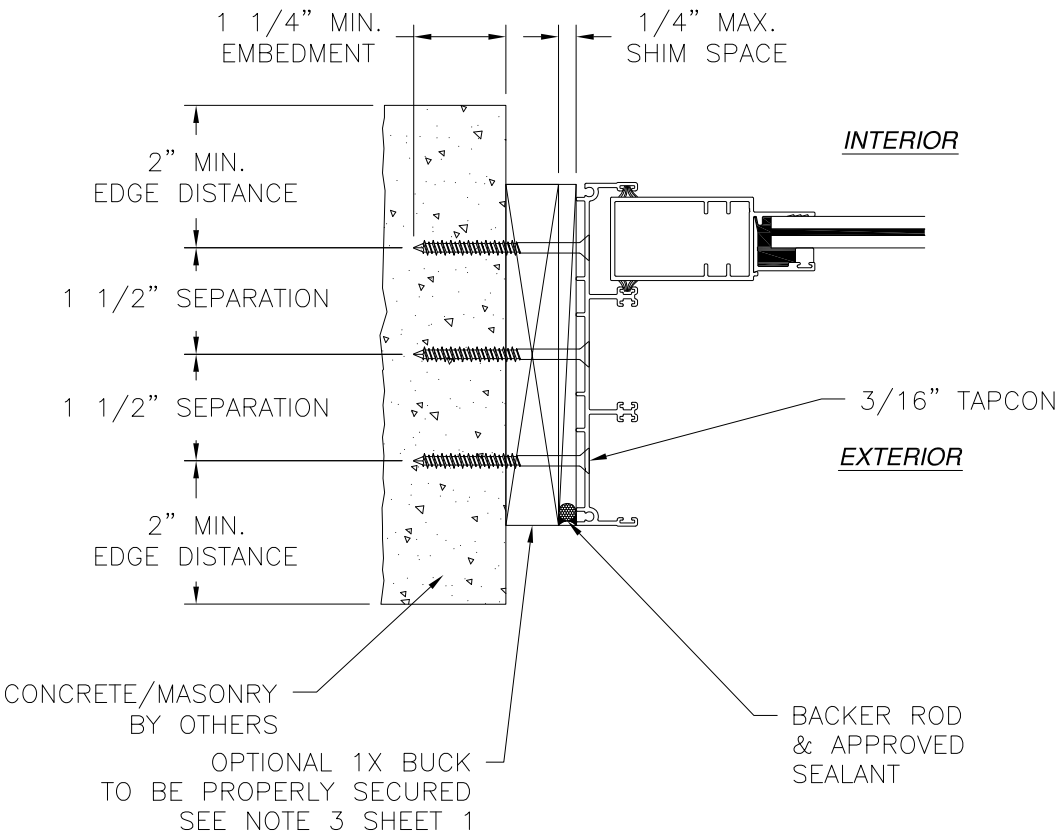


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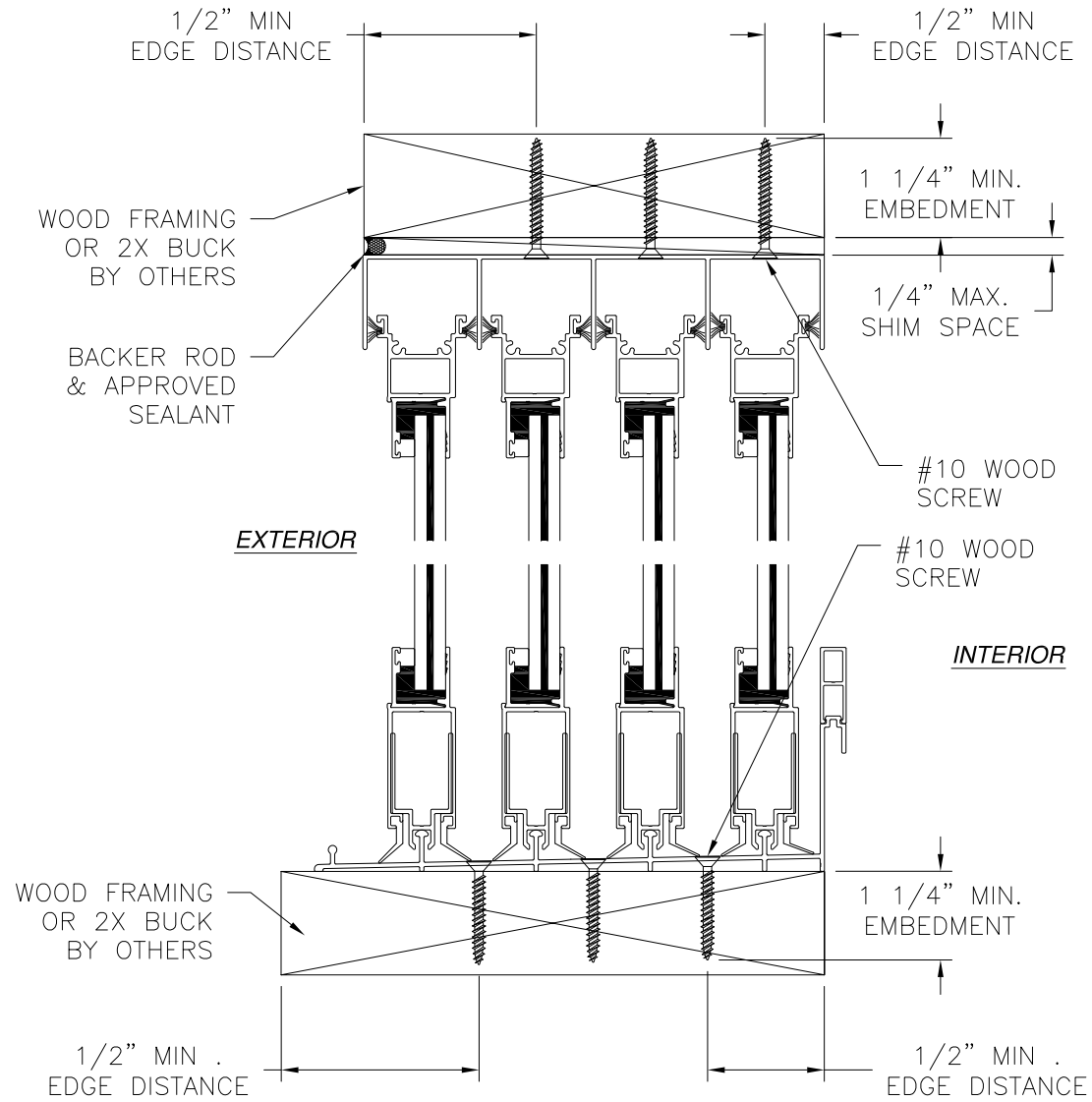
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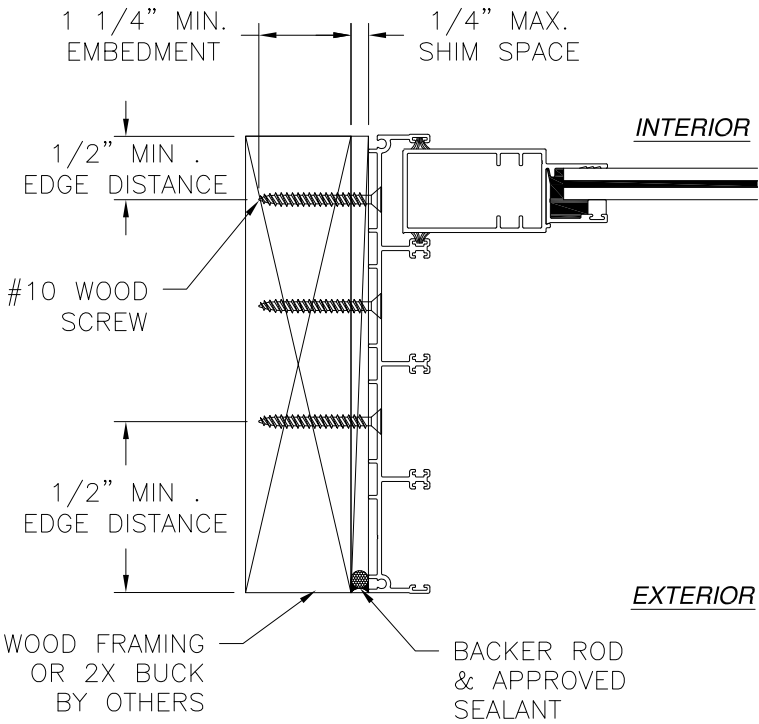
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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WOOD FRAMING OR 2X BUCK INSTALLATION



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4 TRACK INSTALLATION DETAILS

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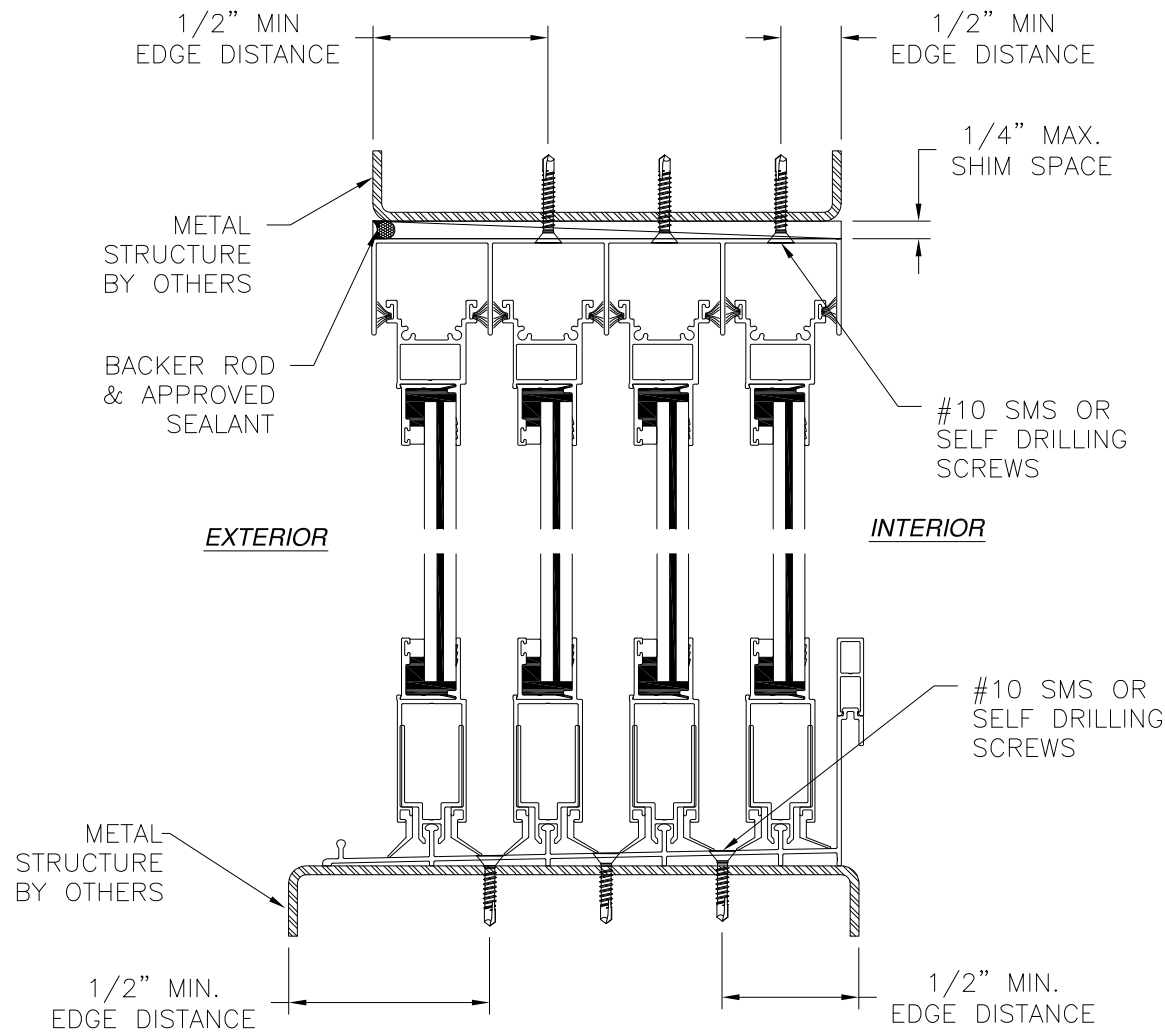
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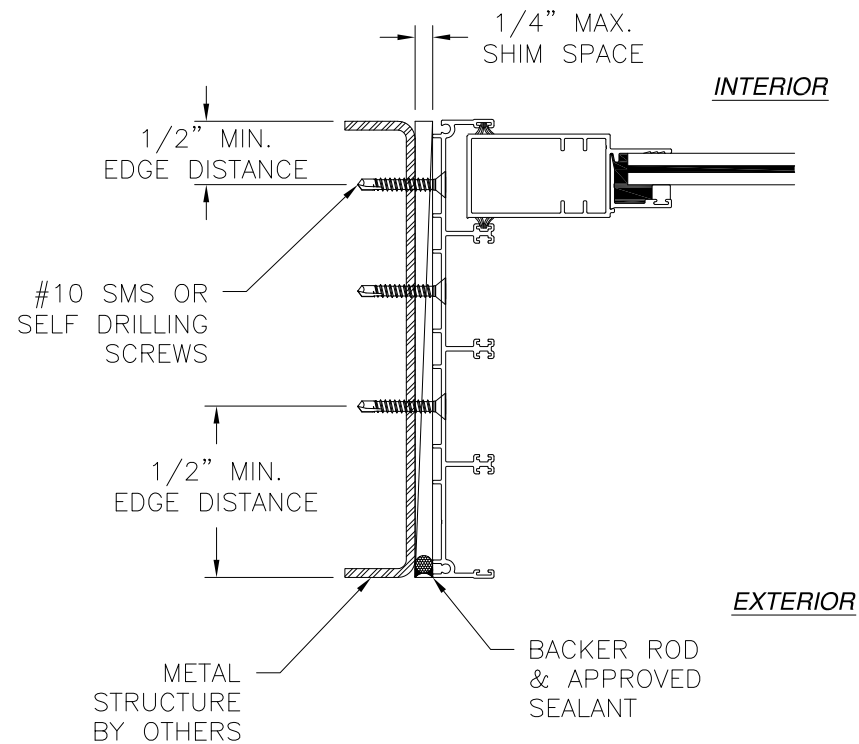


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



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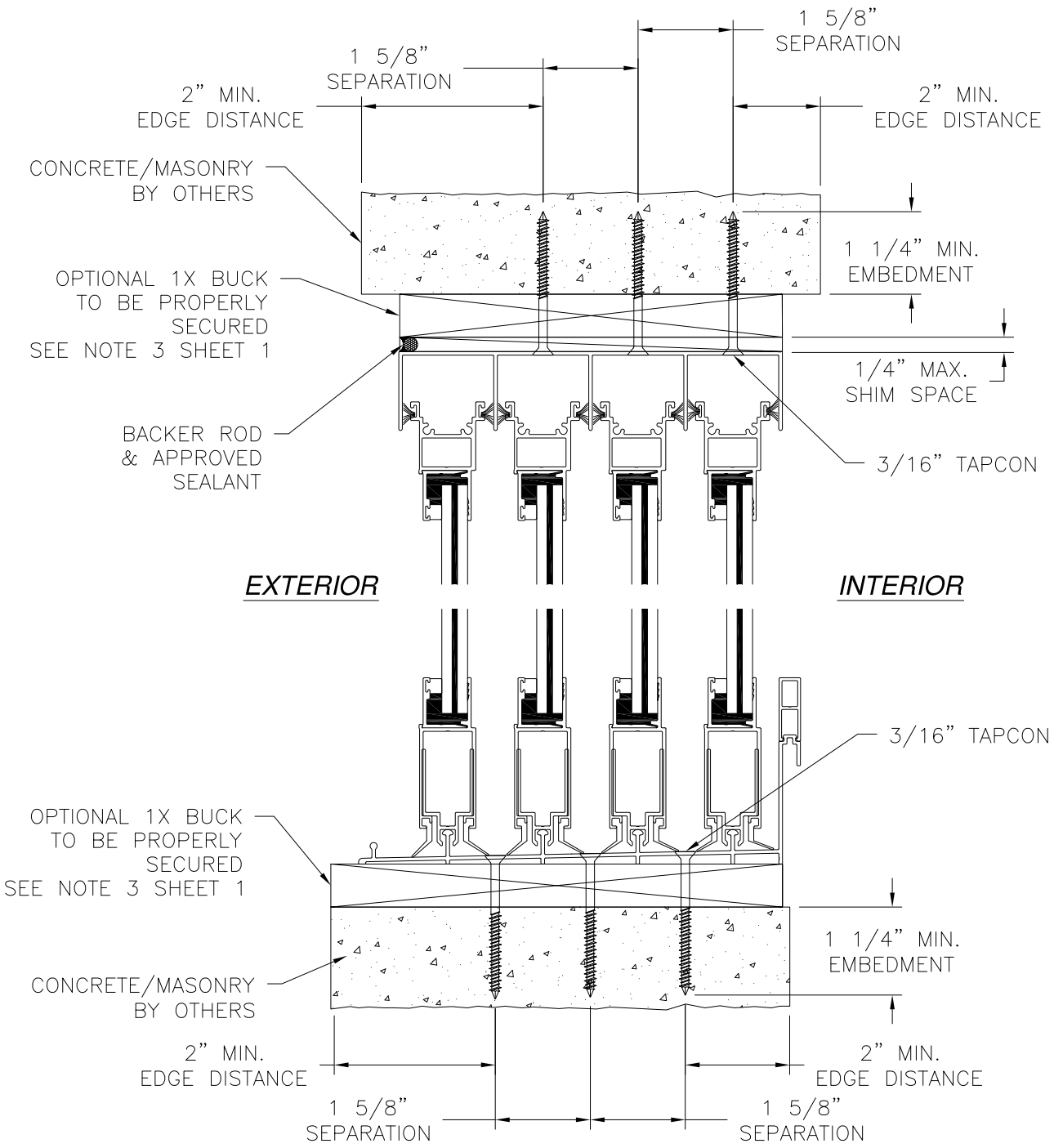
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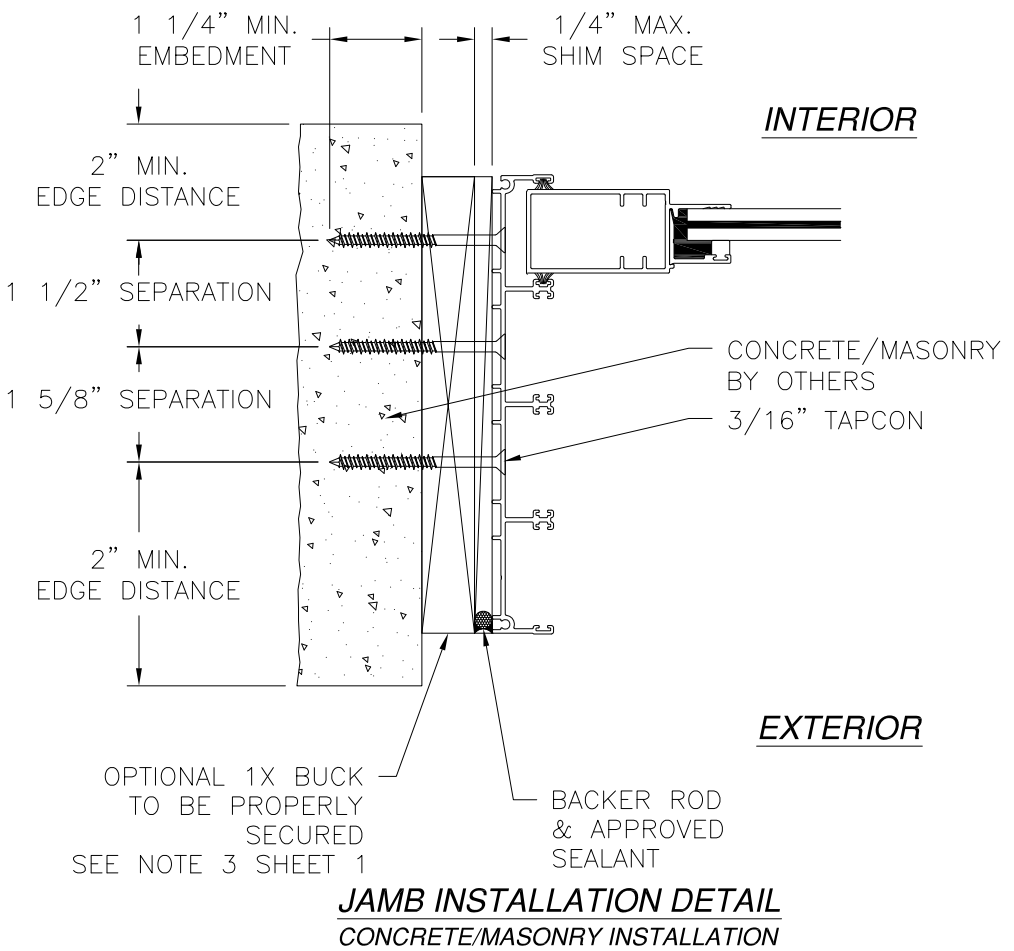


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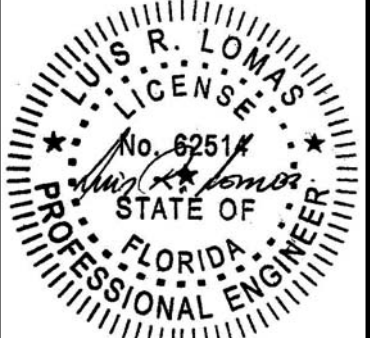
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