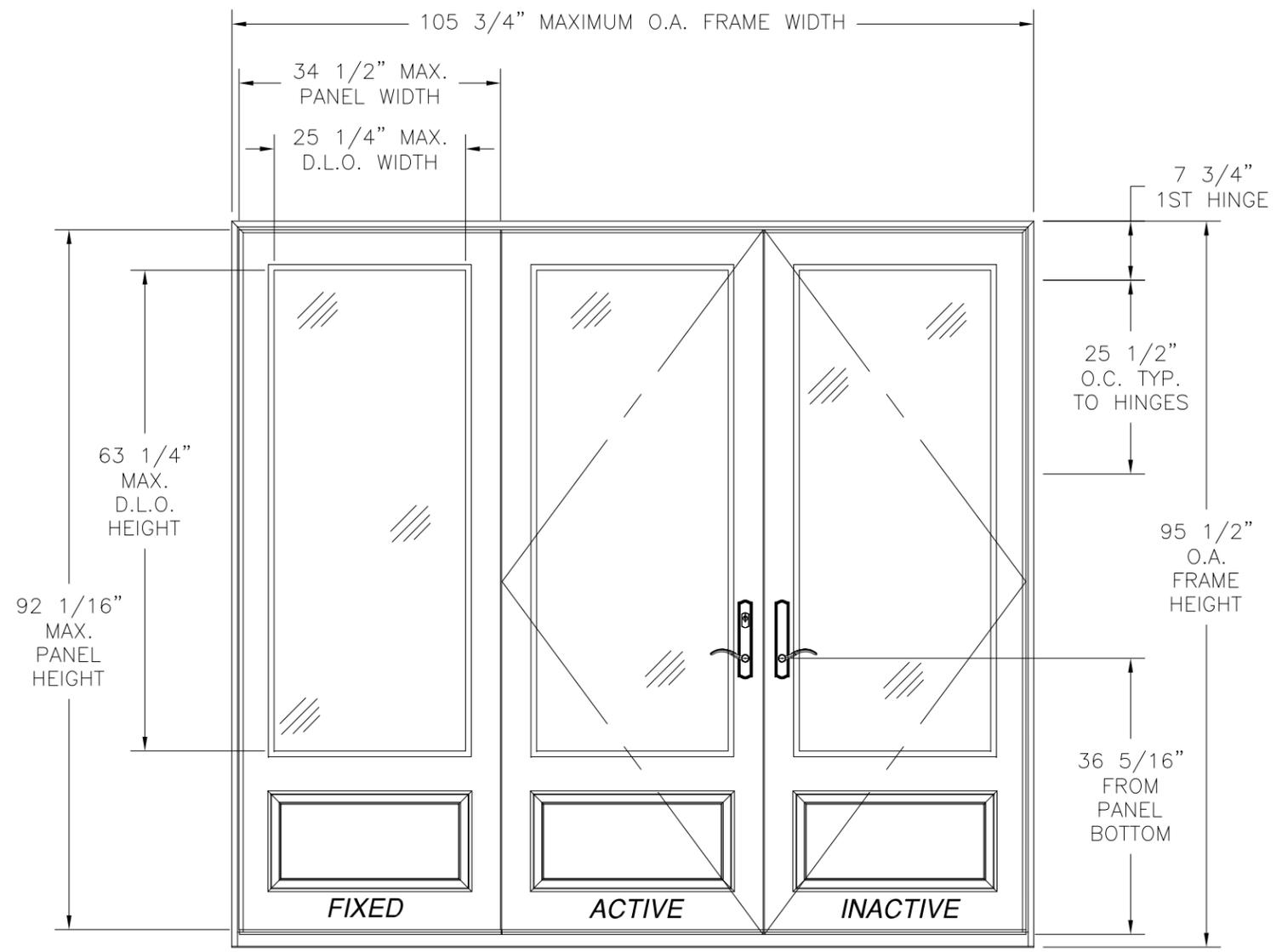


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**SERIES NAN YA 8'0 IN-SWING HINGED 3/4 LITE FIBERGLASS PATIO DOOR W/
SIDELITE
EXTERIOR VIEW**

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	ADDITIONAL CONFIGURATIONS AND HARDWARE
3	ANCHORING LAYOUTS
4 - 7	INSTALLATION DETAILS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC AND 2006 IRC WITH STATE OF TEXAS MODIFICATIONS.
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. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 2 FOR GLASS OPTIONS.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6. 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".
7. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
8. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9. ALL FASTENERS TO BE CORROSION RESISTANT.
10. 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).
11. FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK WITH ALUMINUM CLADDING .063" THICK.
13. DOOR PANEL AND SIDELITE MATERIAL: .075" THICK FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
14. APPROVED CONFIGURATIONS: X, OX, XO, XX, OXO, XXO AND OXX. SEE SHEET 2.

SIGNED: 07/02/2014

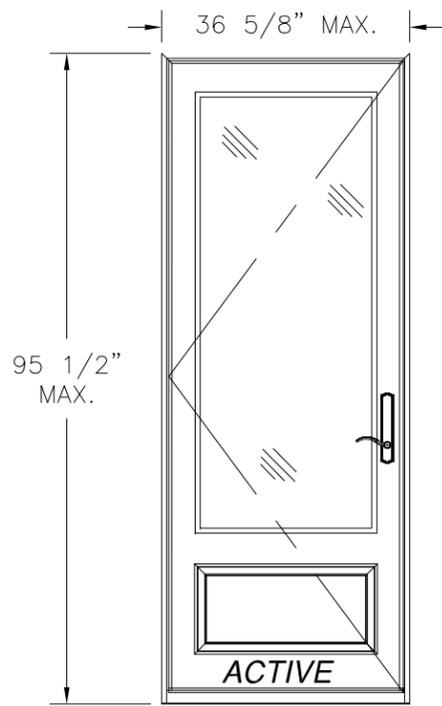
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SERIES NAN YA 8'0 IN-SWING HINGED 3/4 LITE FIBERGLASS PATIO DOOR W/ & W/O SIDELITES
OXX ELEVATION AND NOTES

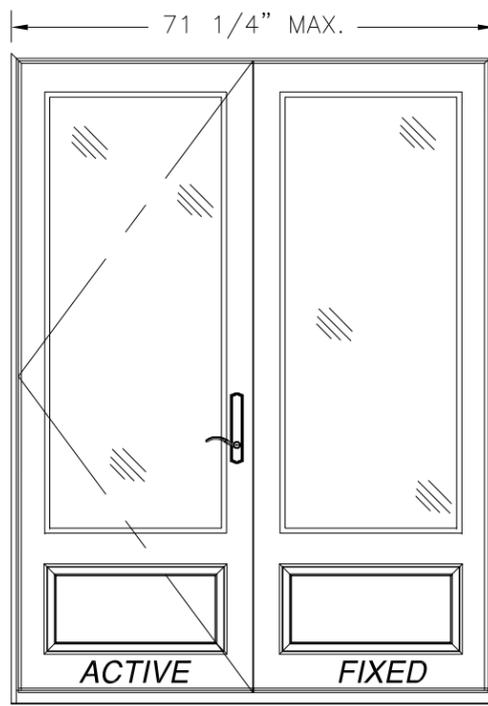
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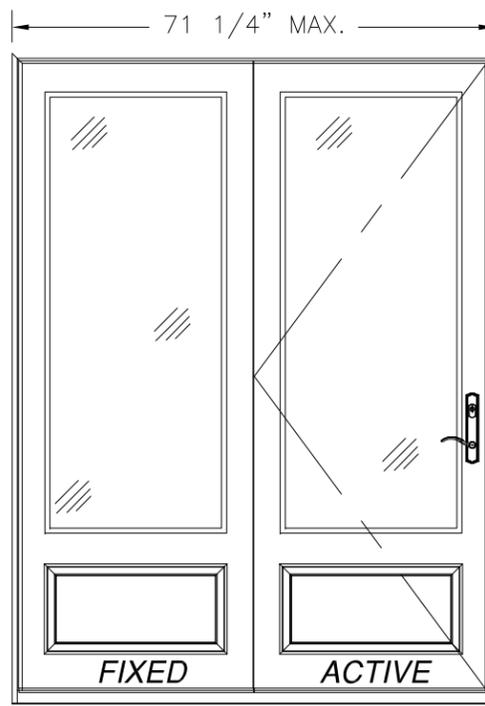
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SINGLE
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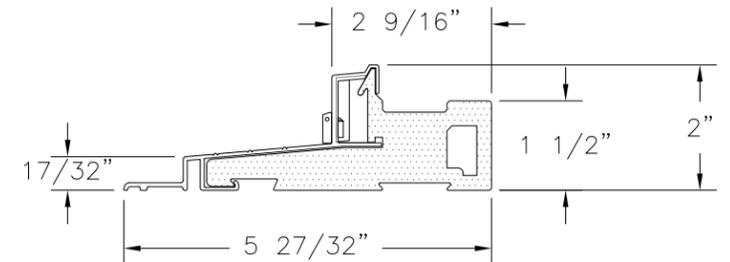


SINGLE W/SIDELITE
EXTERIOR VIEW

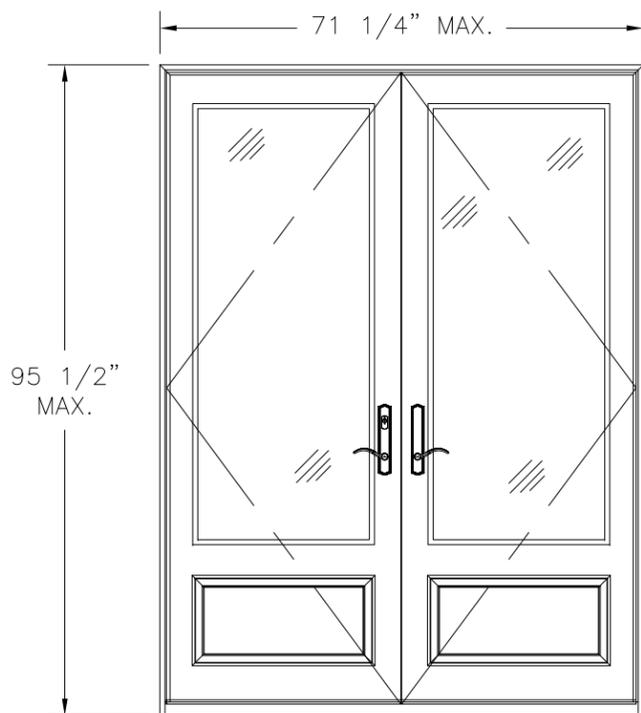


SINGLE W/SIDELITE
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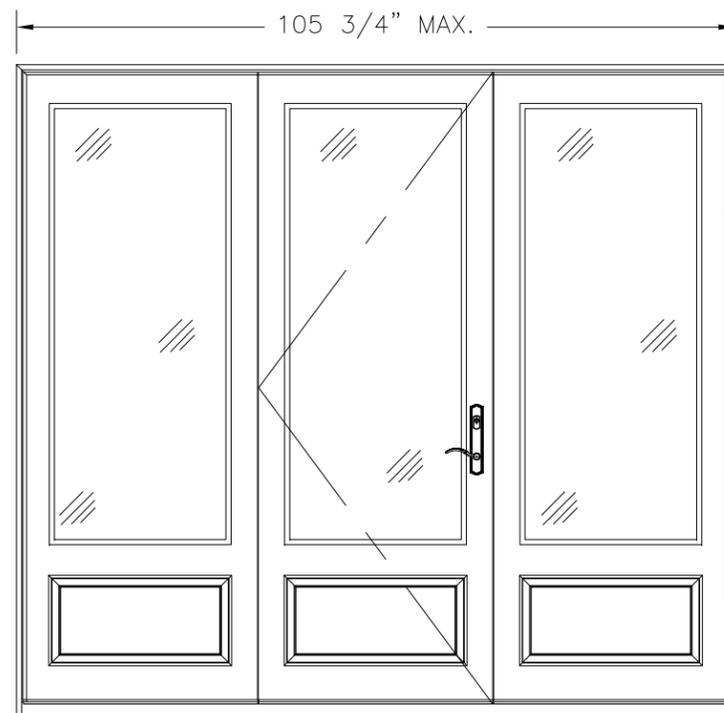
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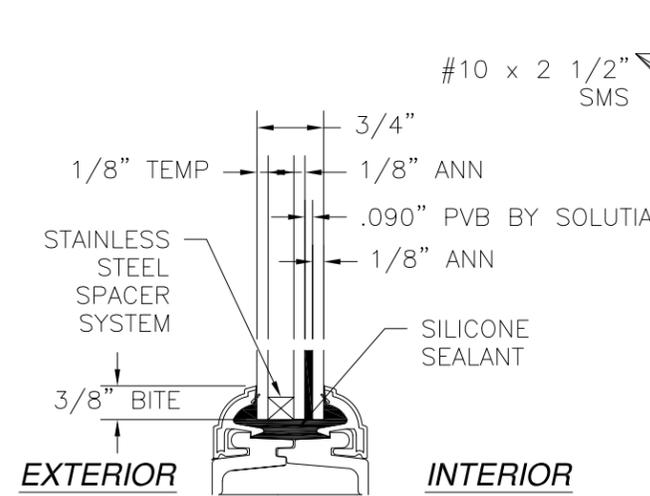
INSWING DOOR SILL DETAIL



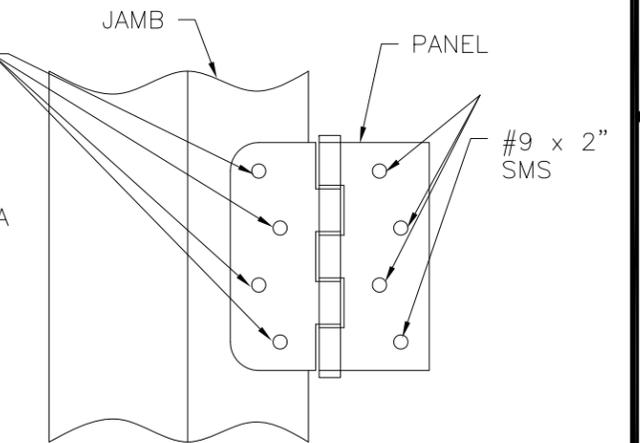
ACTIVE INACTIVE
DOUBLE
EXTERIOR VIEW



FIXED ACTIVE FIXED
SINGLE W/SIDELITES
EXTERIOR VIEW



GLAZING DETAIL



HINGE INSTALLATION DETAIL

NOTE:
ALL APPROVED CONFIGURATIONS ARE SHOWN AS LEFT HAND
ACTIVE, RIGHT HAND ACTIVE IS ALSO APPROVED.

HARDWARE SCHEDULE	
A.	3-POINT LOCK HANDLE ASSEMBLY NINGBO MICOTA LOCKS
B.	(4) 4" x 4" BUTT HINGES BY WENZHOU LONGTAI HINGES
C.	EXTRUDED ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
D.	EXTRUDED ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS

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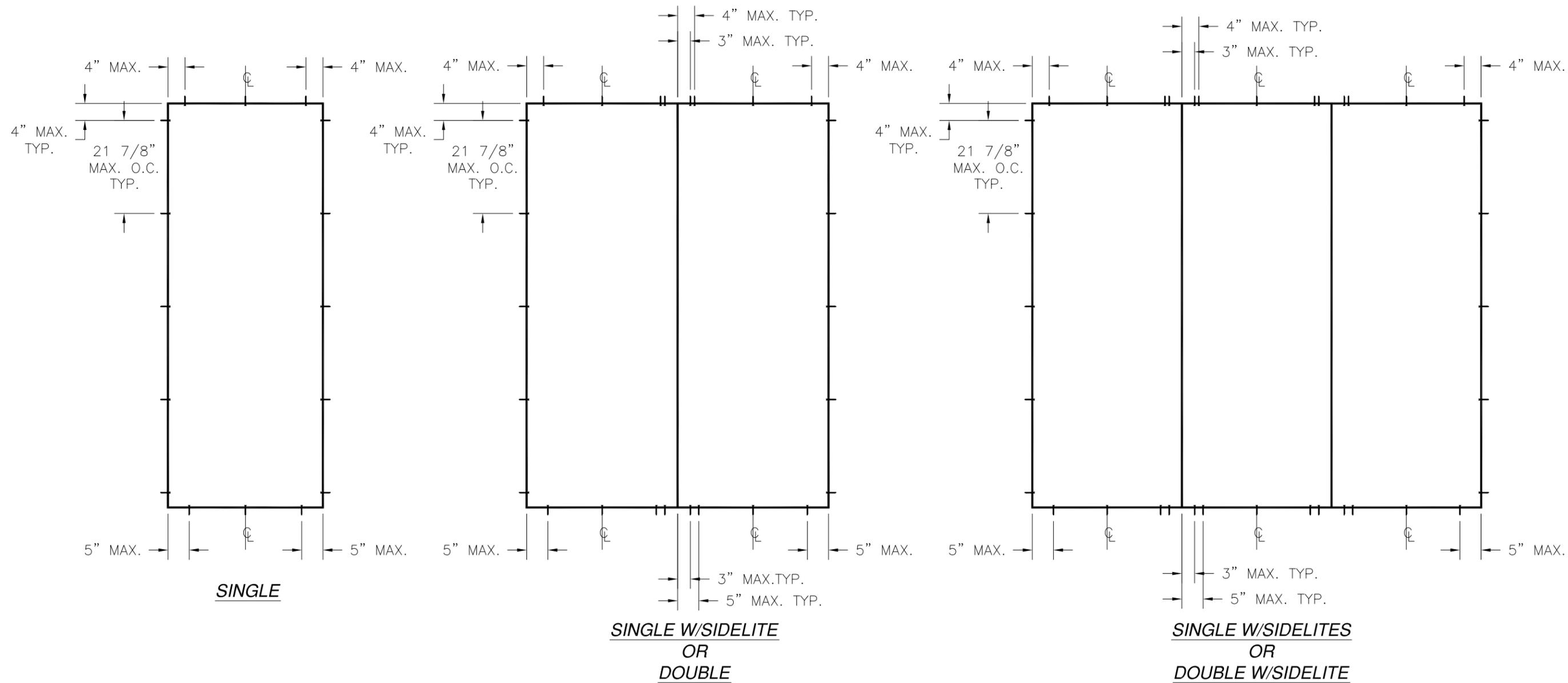
SERIES NAN YA 8'0 IN-SWING HINGED 3/4 LITE
FIBERGLASS PATIO DOOR W/ & W/O SIDELITES
ADDITIONAL CONFIGURATIONS & HARDWARE

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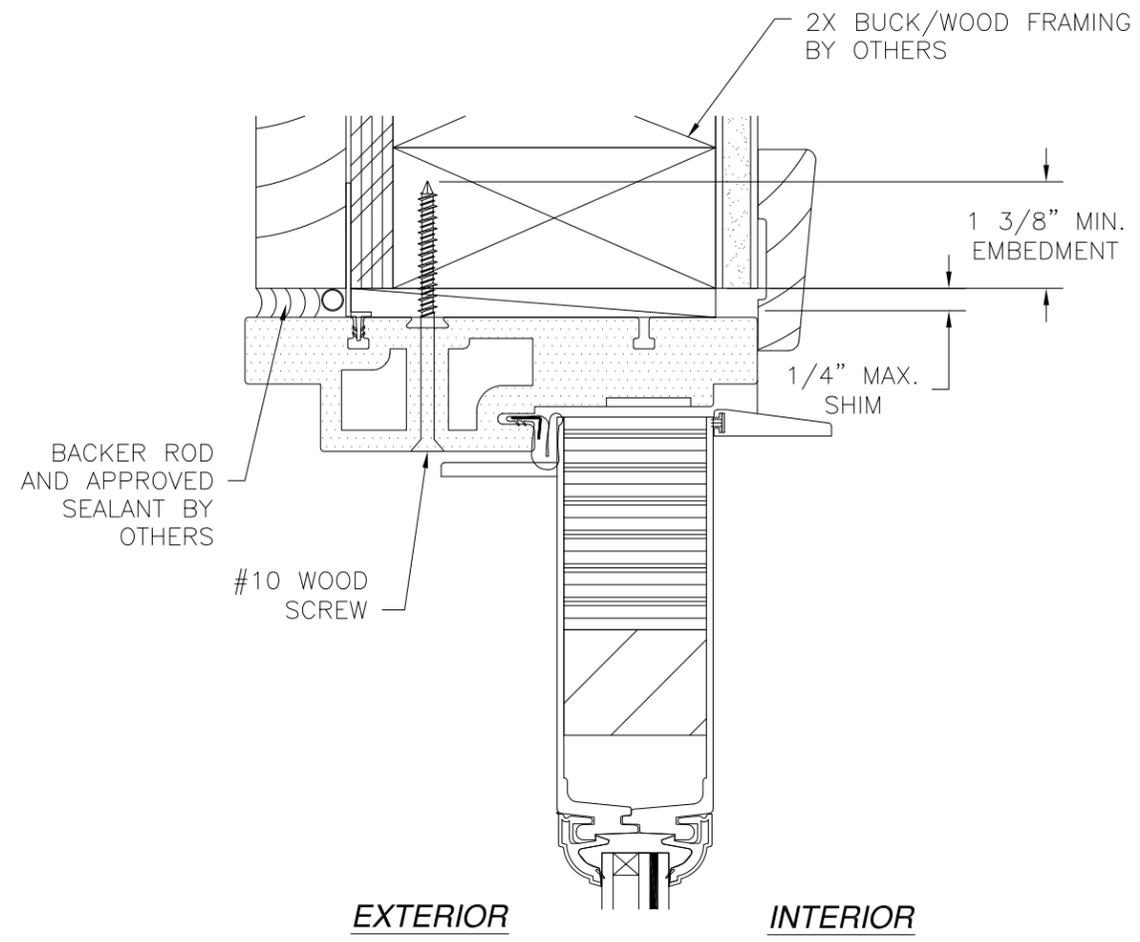
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 ANCHORING LAYOUTS

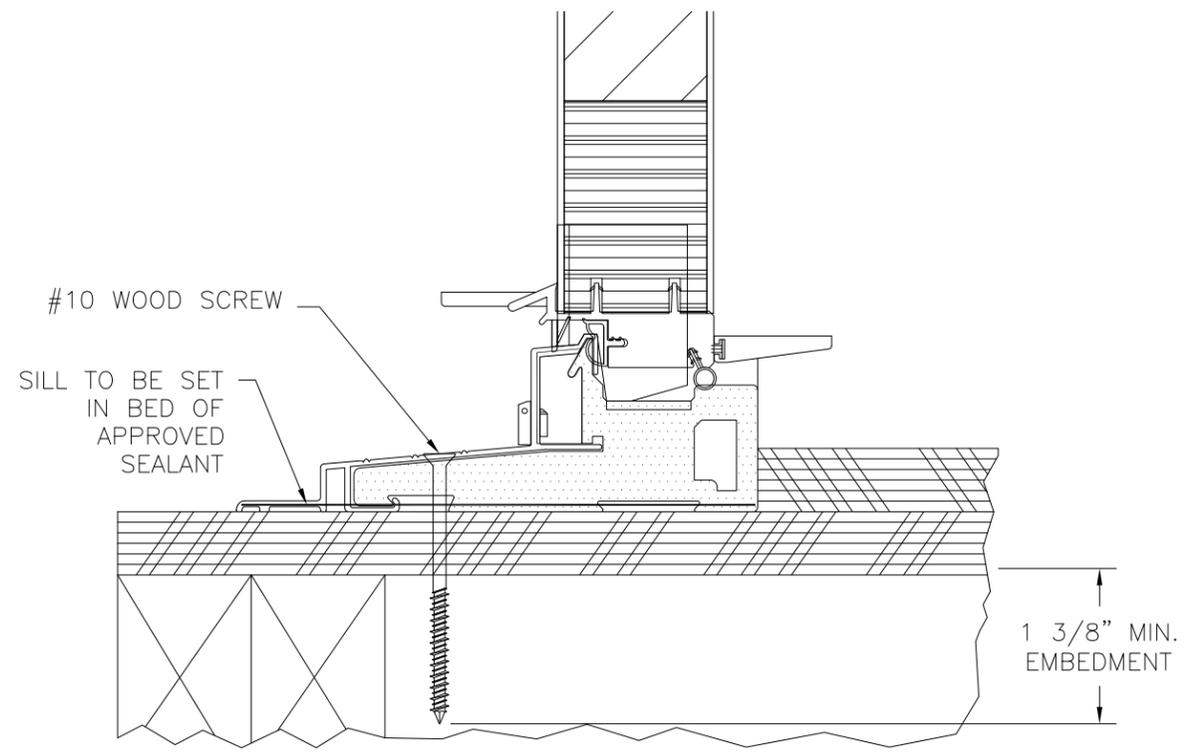
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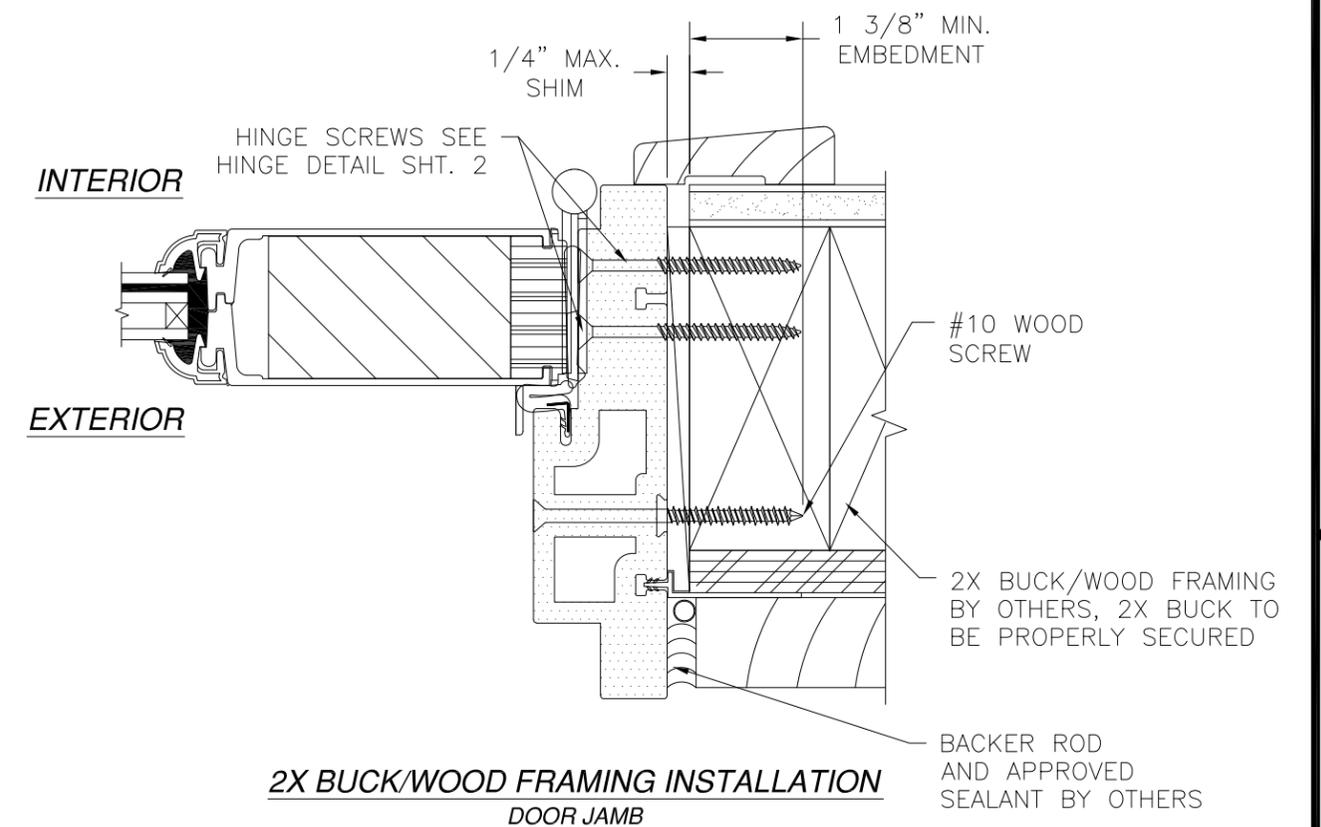
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EXTERIOR **INTERIOR**



2X BUCK/WOOD FRAMING INSTALLATION
DOOR



2X BUCK/WOOD FRAMING INSTALLATION
DOOR JAMB

NOTE:
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 ANCHORS MAY BE INSTALLED INSIDE OR OUTSIDE FRAME.

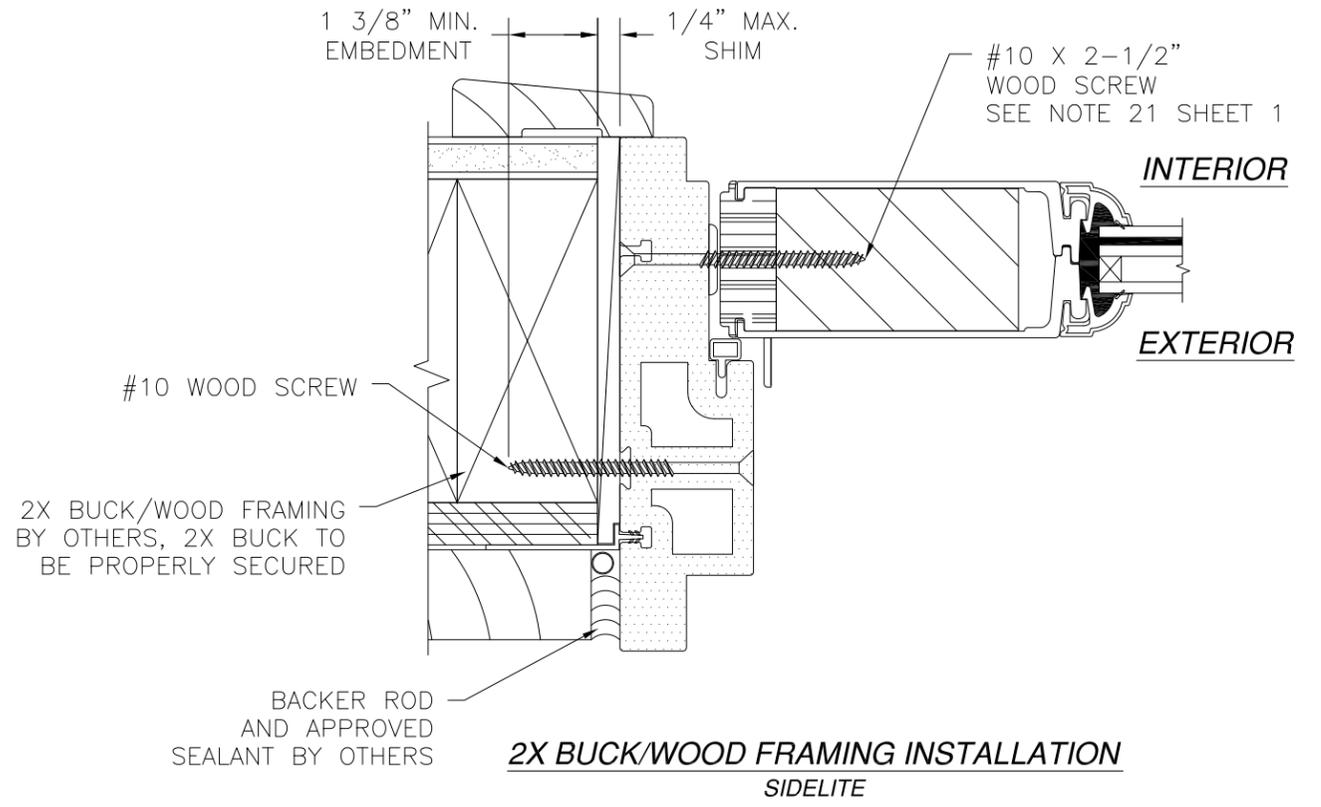
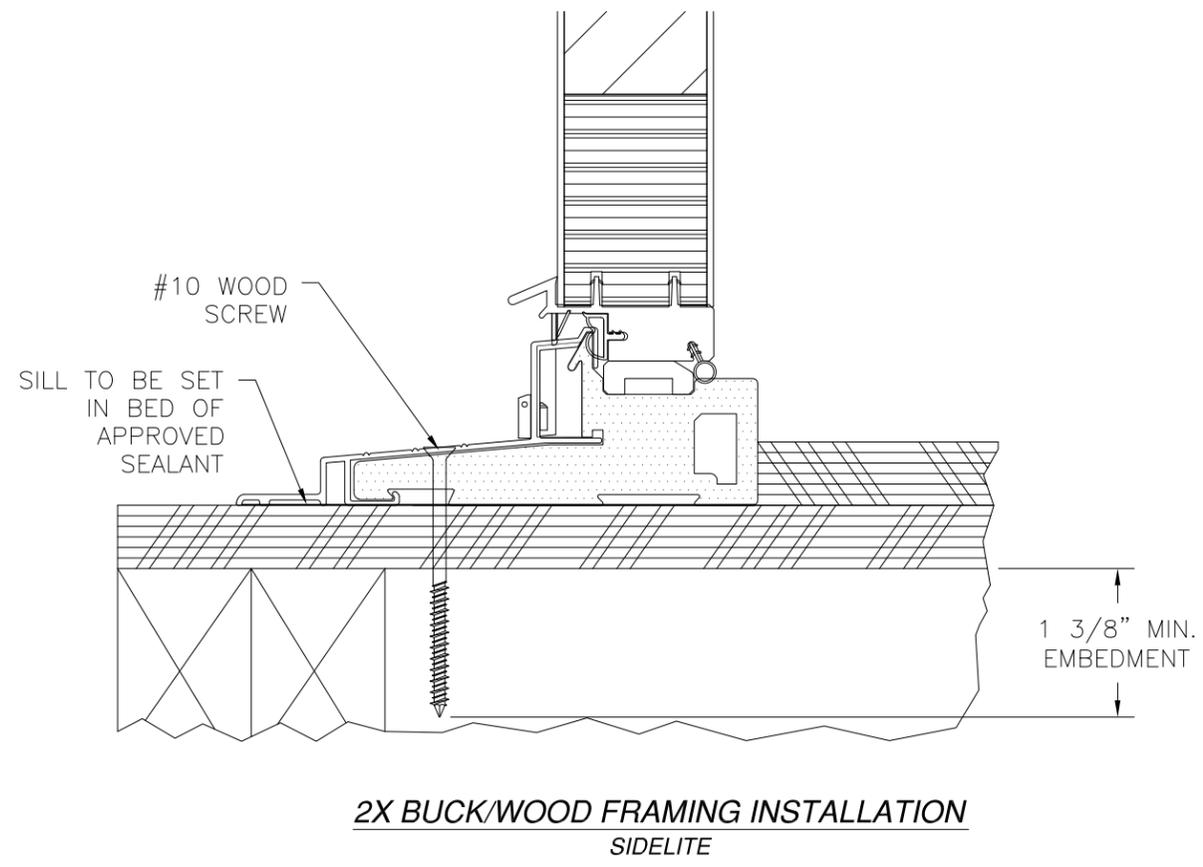
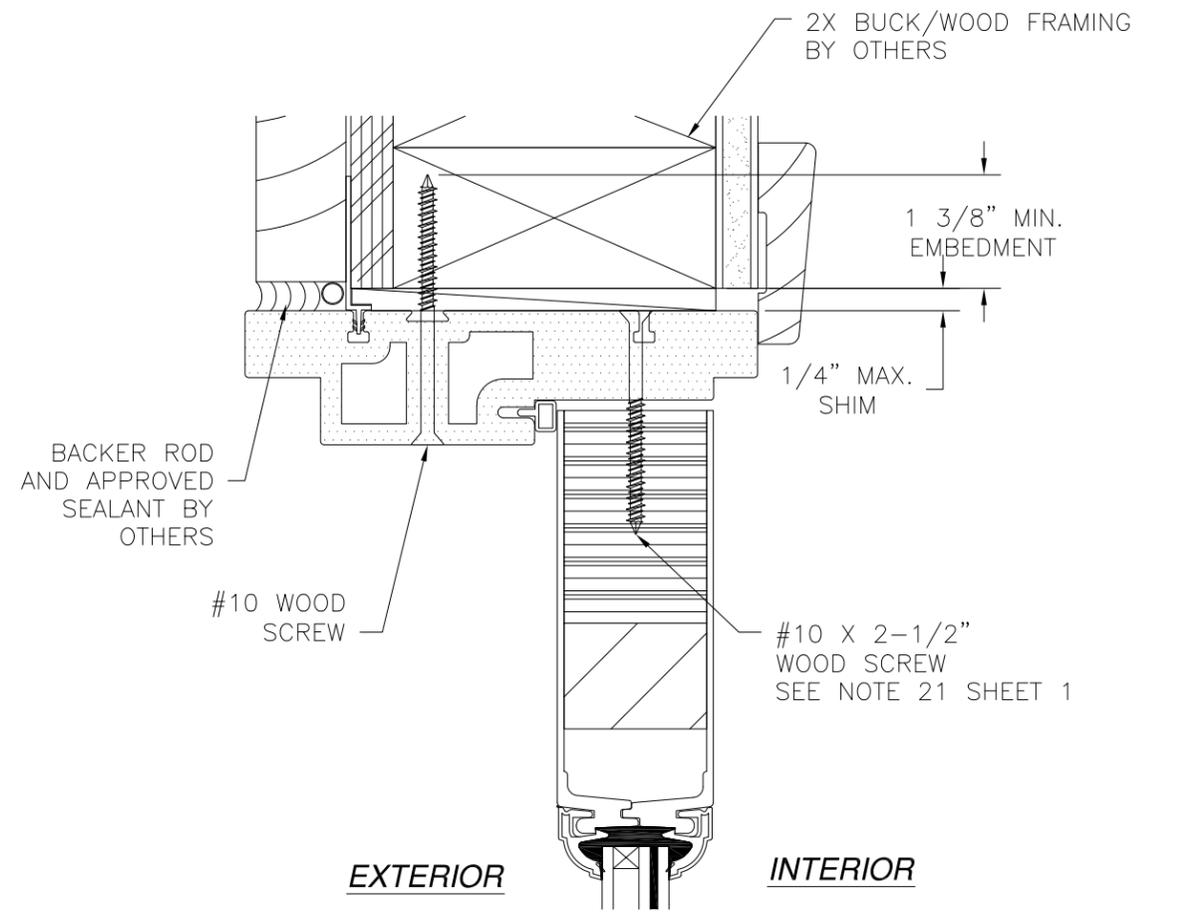
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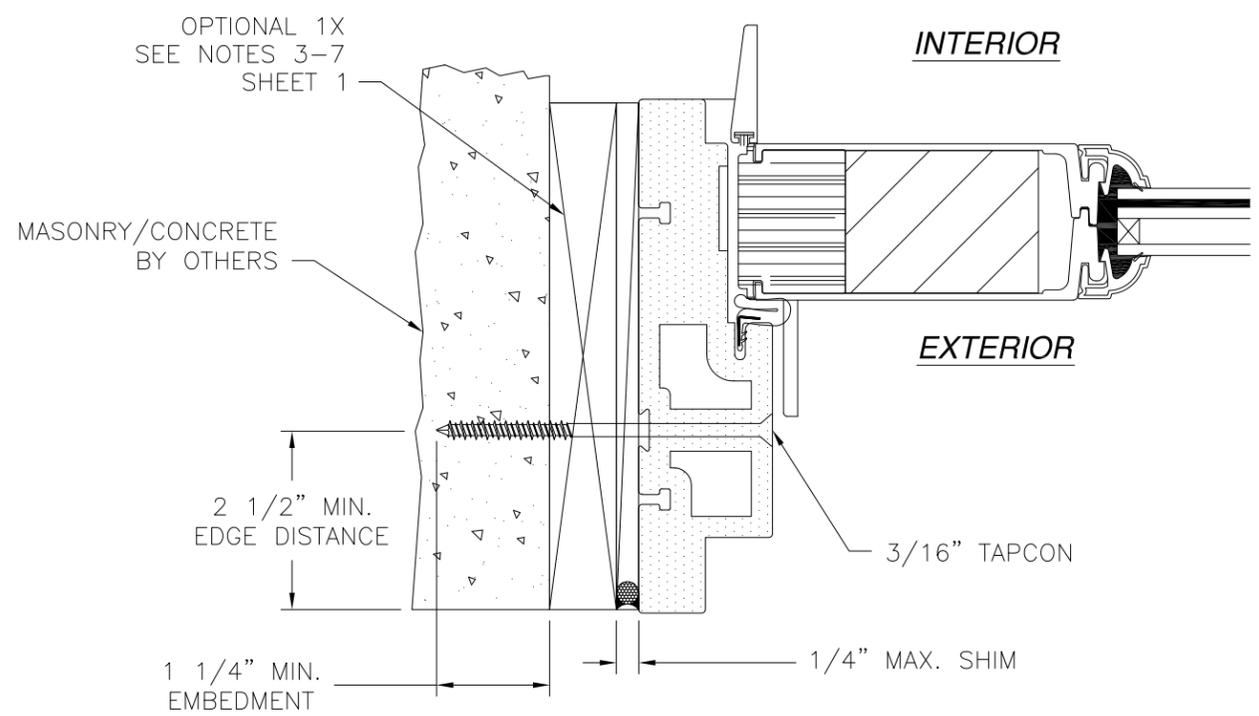
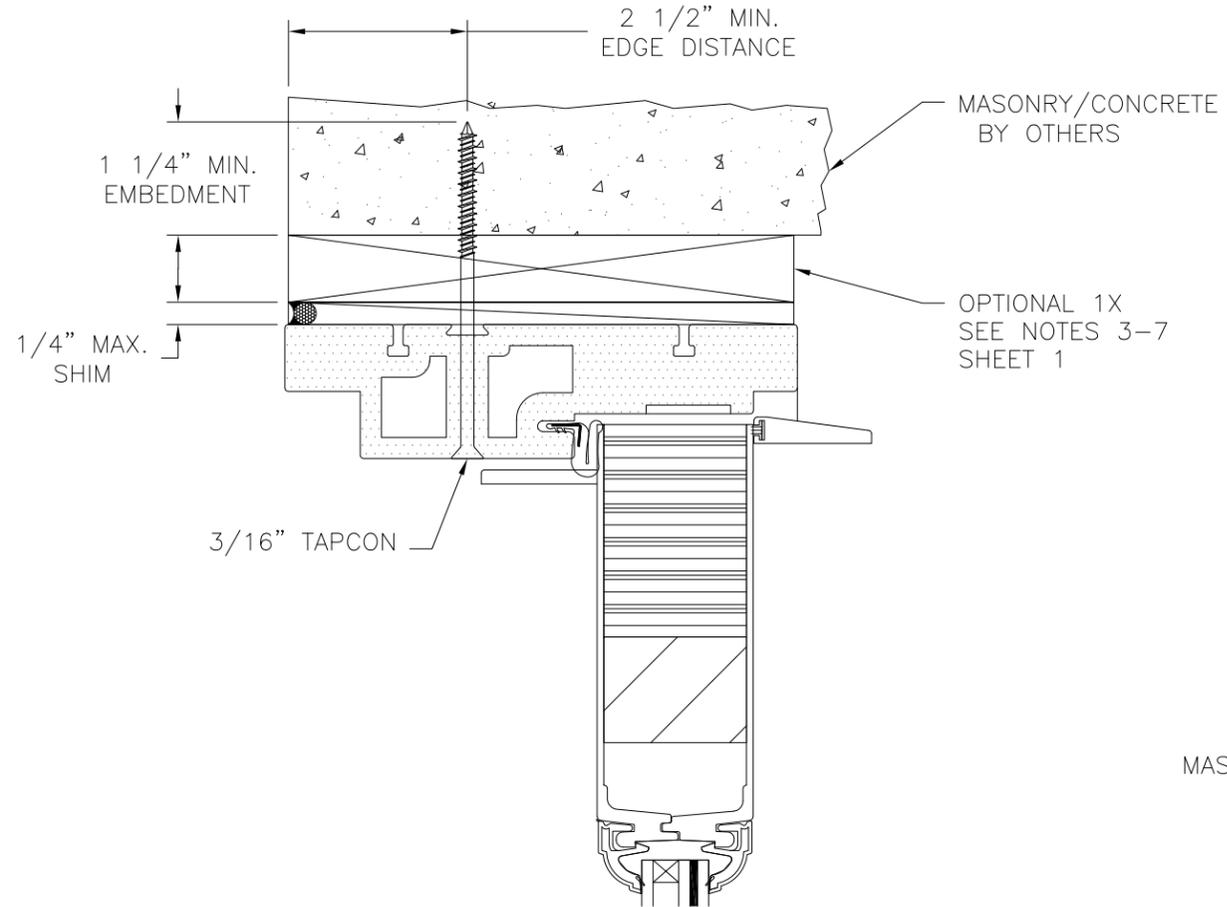
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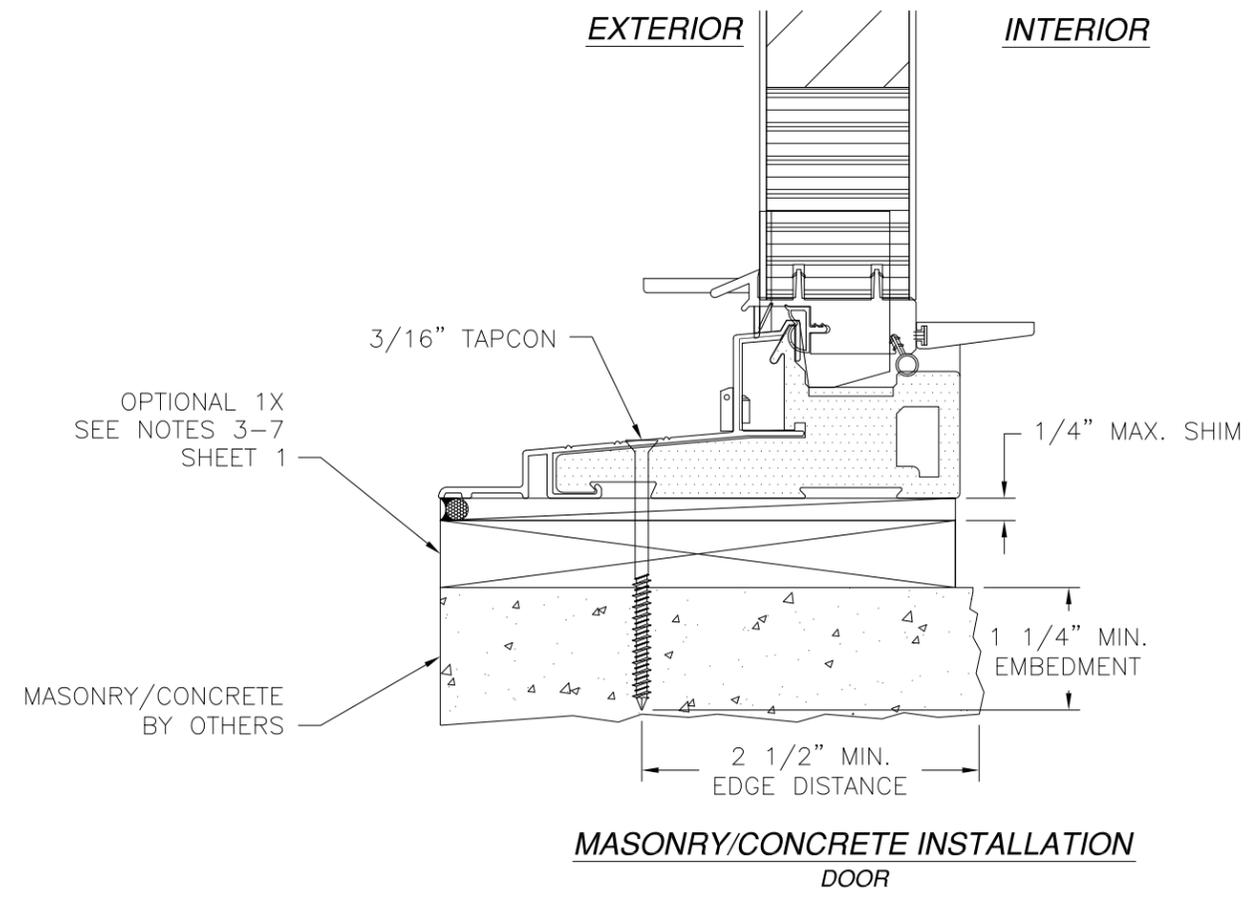
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MASONRY/CONCRETE INSTALLATION
DOOR JAMB

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MASONRY/CONCRETE INSTALLATION
DOOR

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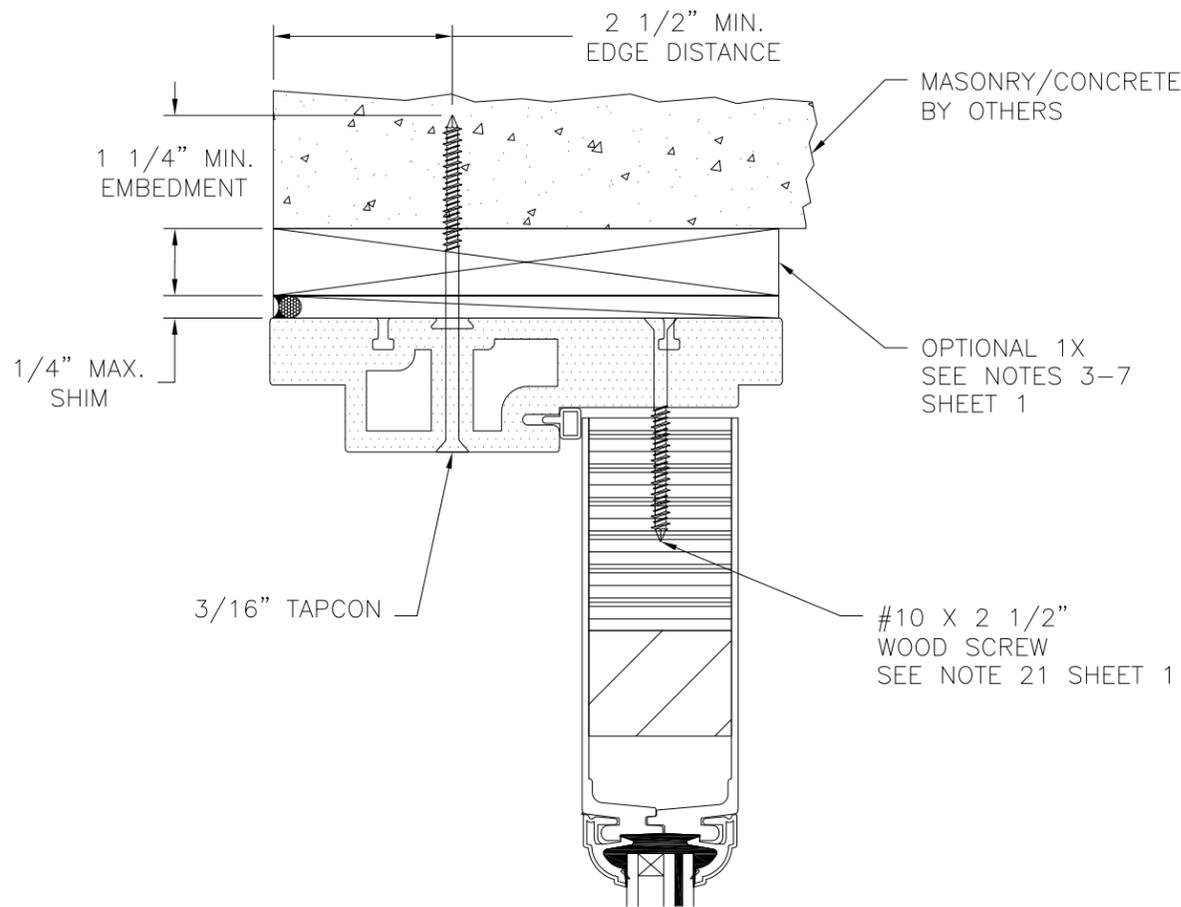
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FIBERGLASS PATIO DOOR W/ & W/O SIDELITES
INSTALLATION DETAILS



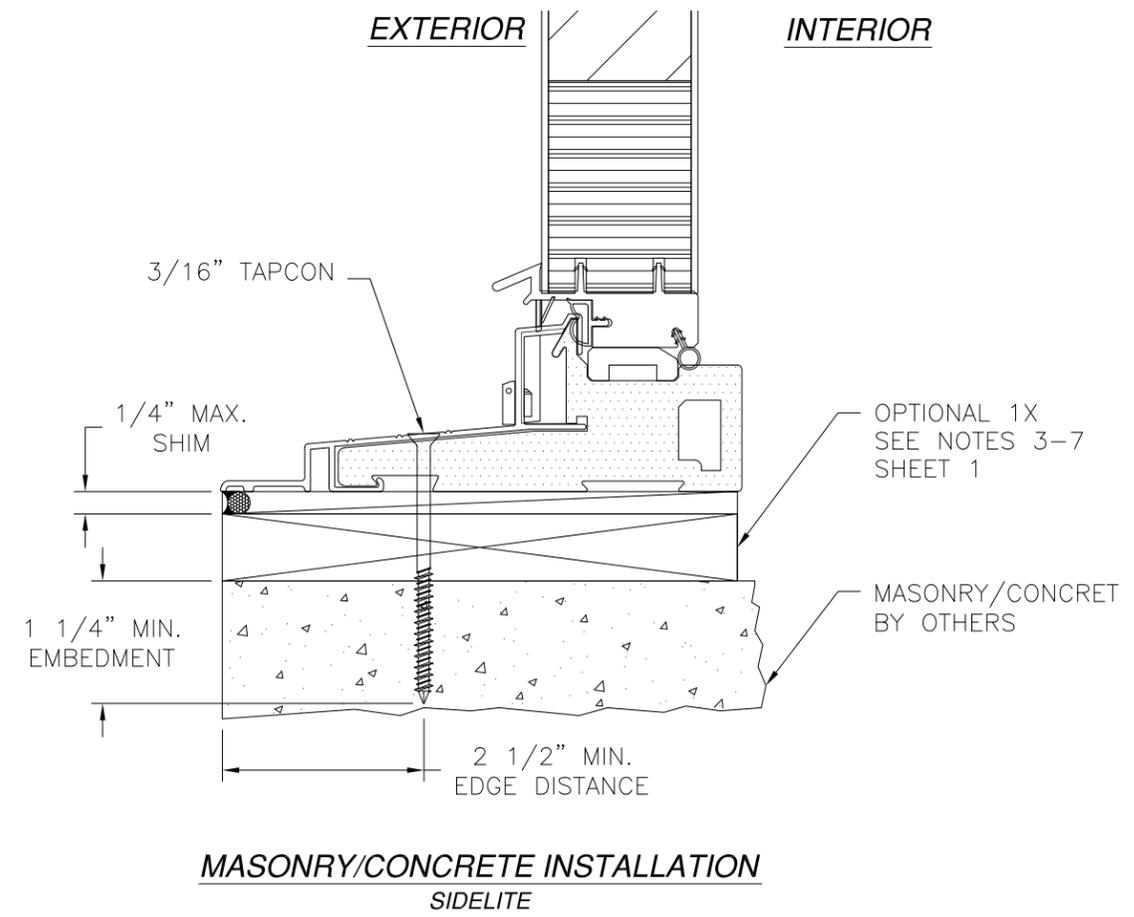
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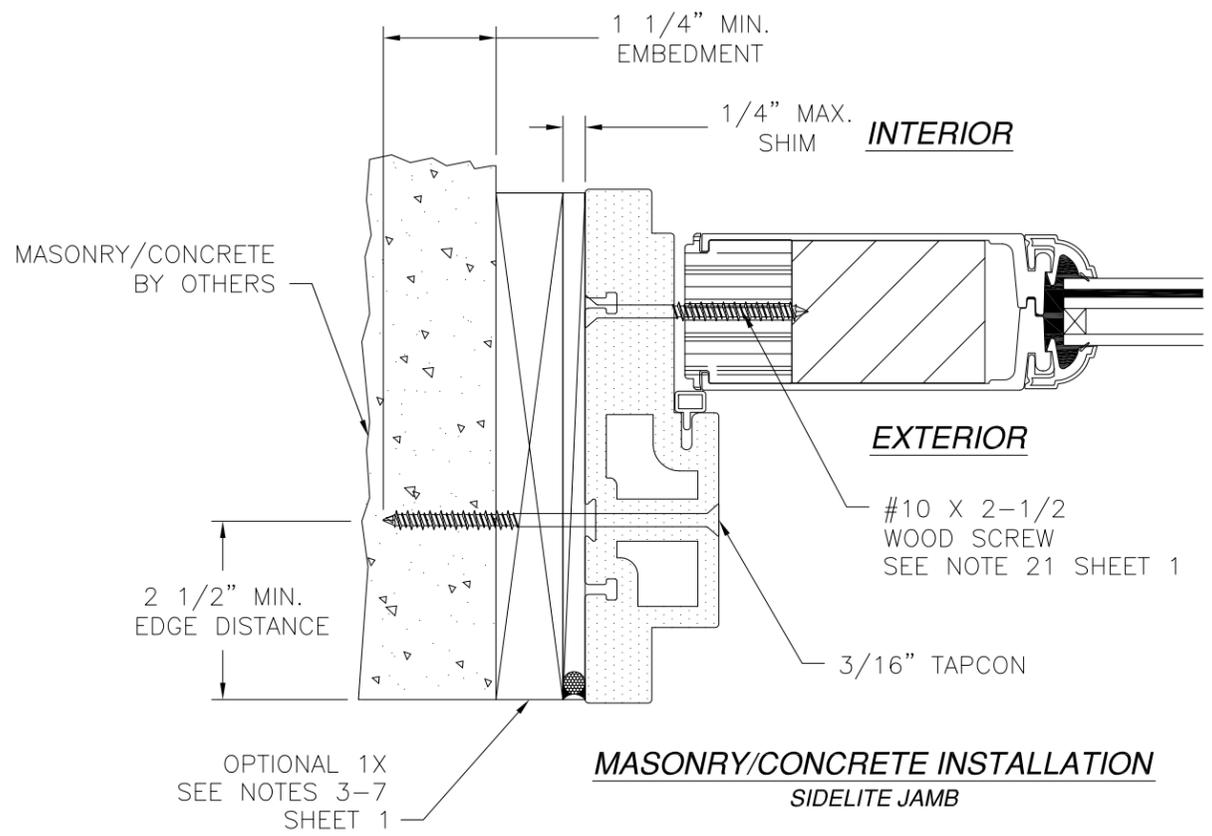
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EXTERIOR **INTERIOR**



**MASONRY/CONCRETE INSTALLATION
SIDELITE**



**MASONRY/CONCRETE INSTALLATION
SIDELITE JAMB**

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