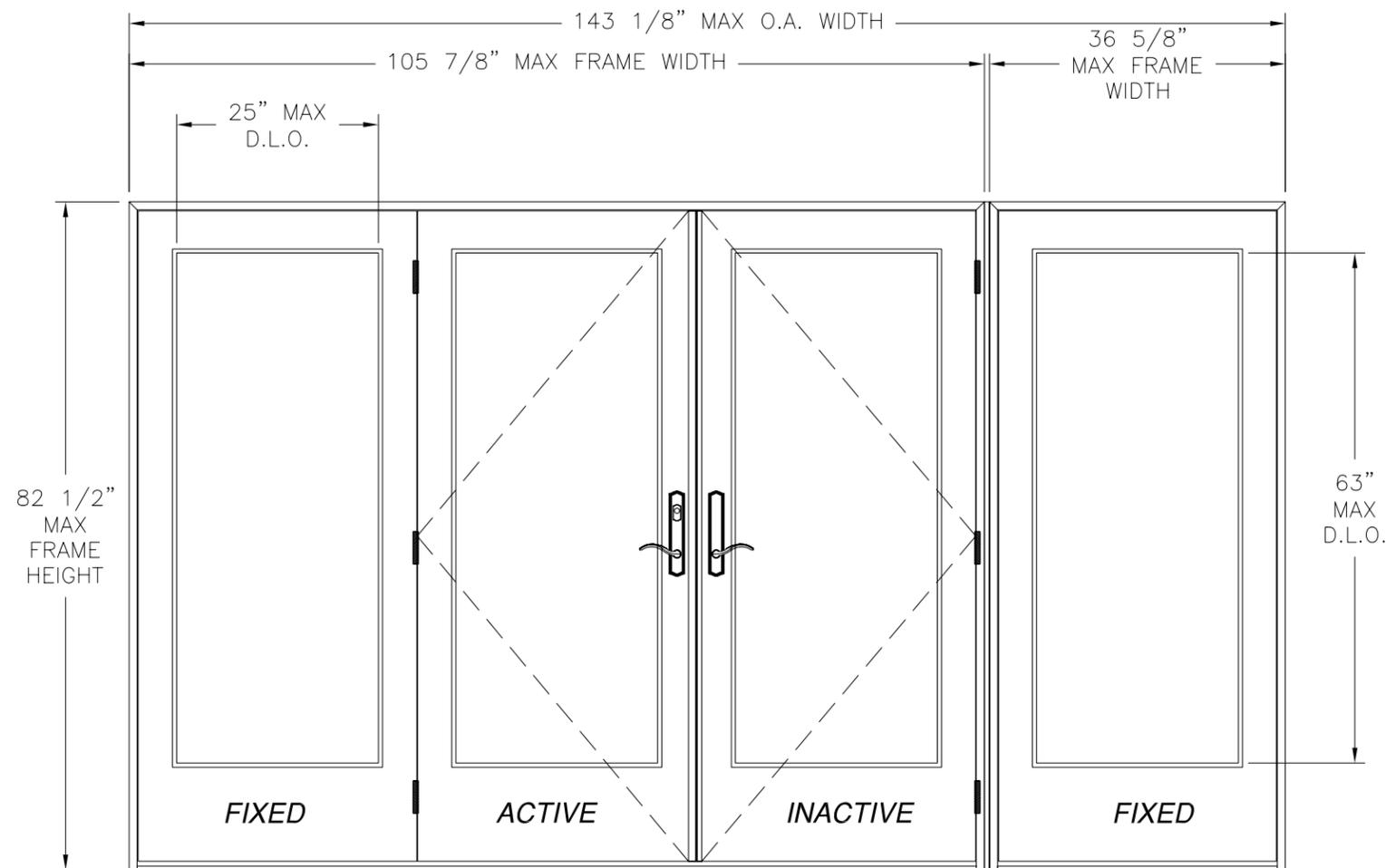


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OUT-SWING ENTRANCE DOUBLE DOOR W/ SIDELITES
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	NONE

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING 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) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 5) UNITS MUST BE GLAZED PER ASTM E1300-04. SEE SHEET 3 FOR GLAZING DETAIL.
- 6) 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.
- 7) FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM.
- 8) FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM WITH ALUMINUM CLADDING.
- 9) DOOR PANEL SIDELITE MATERIAL: FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
- 10) HINGE LOCATION: 9", 40 7/8" AND 72 1/2" FROM BOTTOM.
- 11) MAX PANEL SIZE: 34 1/2" X 80 5/16"

SIGNED: 04/11/2012

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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED
ELEVATION AND NOTES

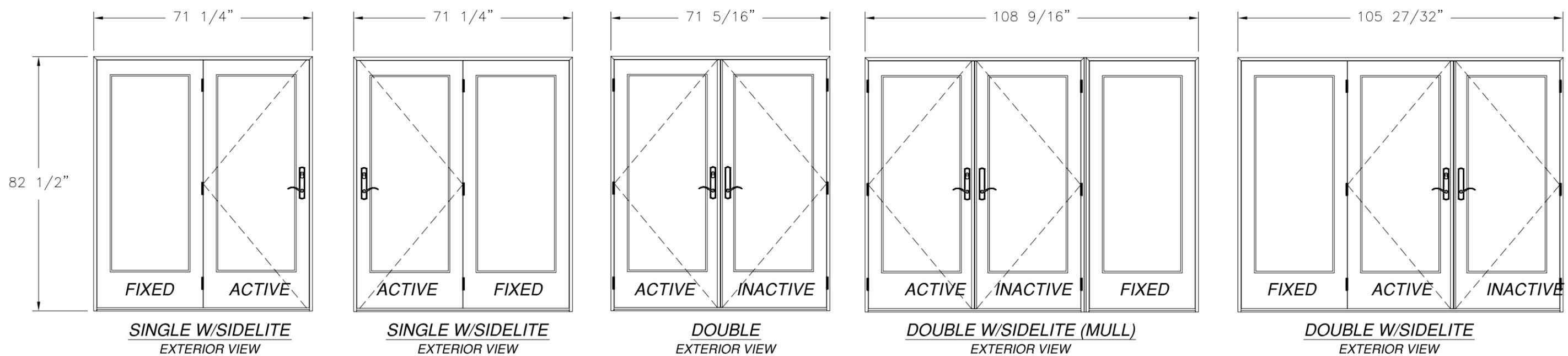
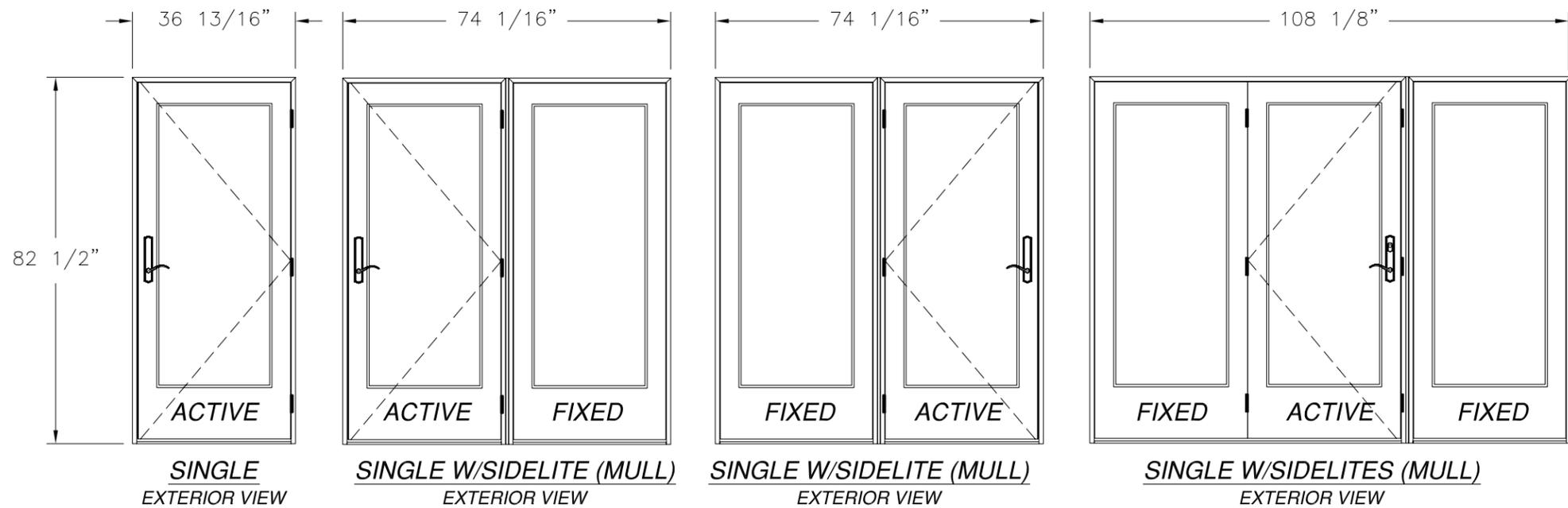
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Luis R. Lomas P.E.
Texas No. 101889

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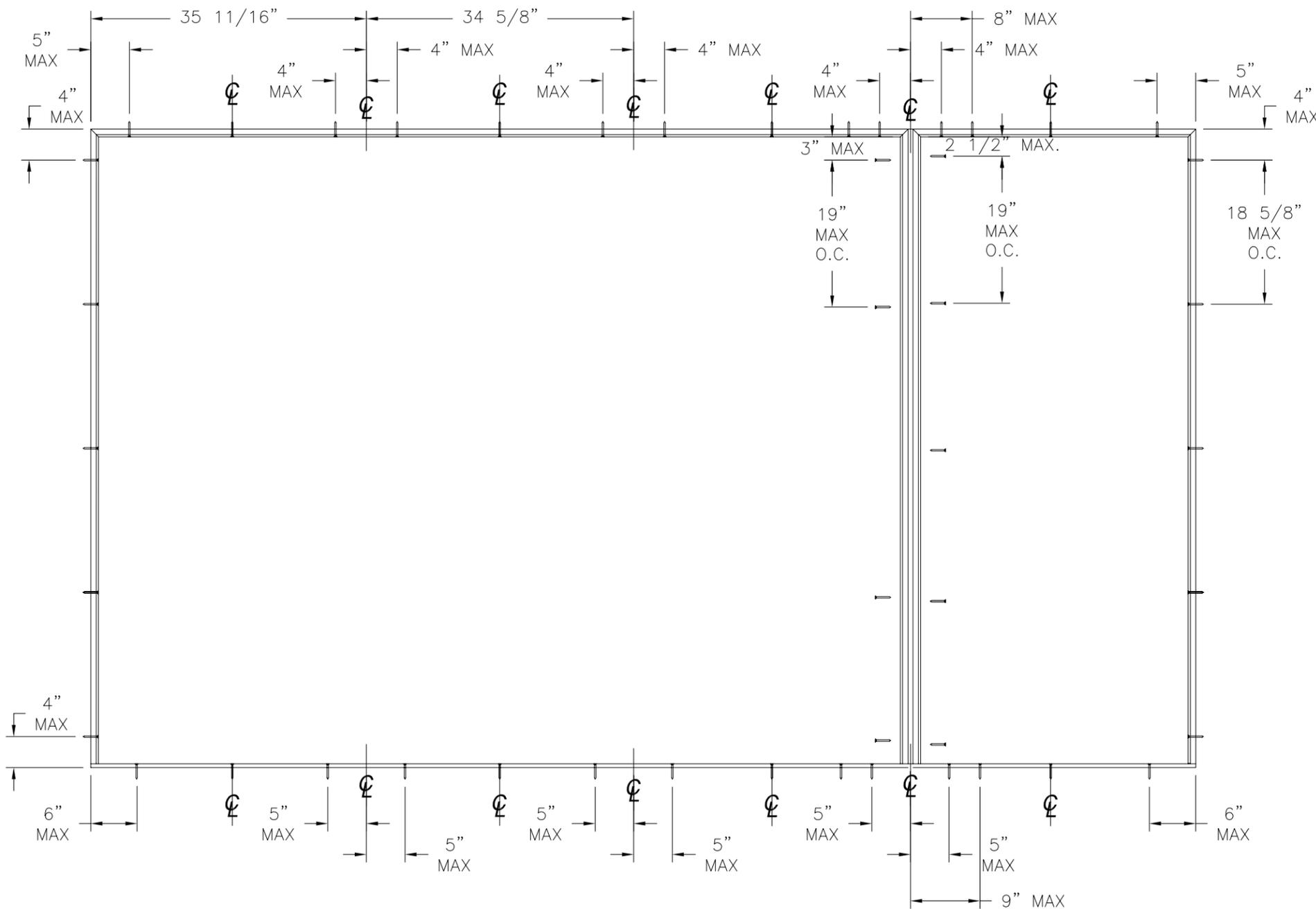
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
 FIBERGLASS GLAZED
 APPROVED ELEVATIONS

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STATE OF TEXAS
 LUIS R. LOMAS
 101889
 LICENSED
 PROFESSIONAL ENGINEER

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ANCHORING NOTES:

- 1) 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".
- 2) FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCON OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
- 3) FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #10 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
- 4) ALL FASTENERS TO BE CORROSION RESISTANT.
- 5) 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 3,200 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

ANCHORING LAYOUT

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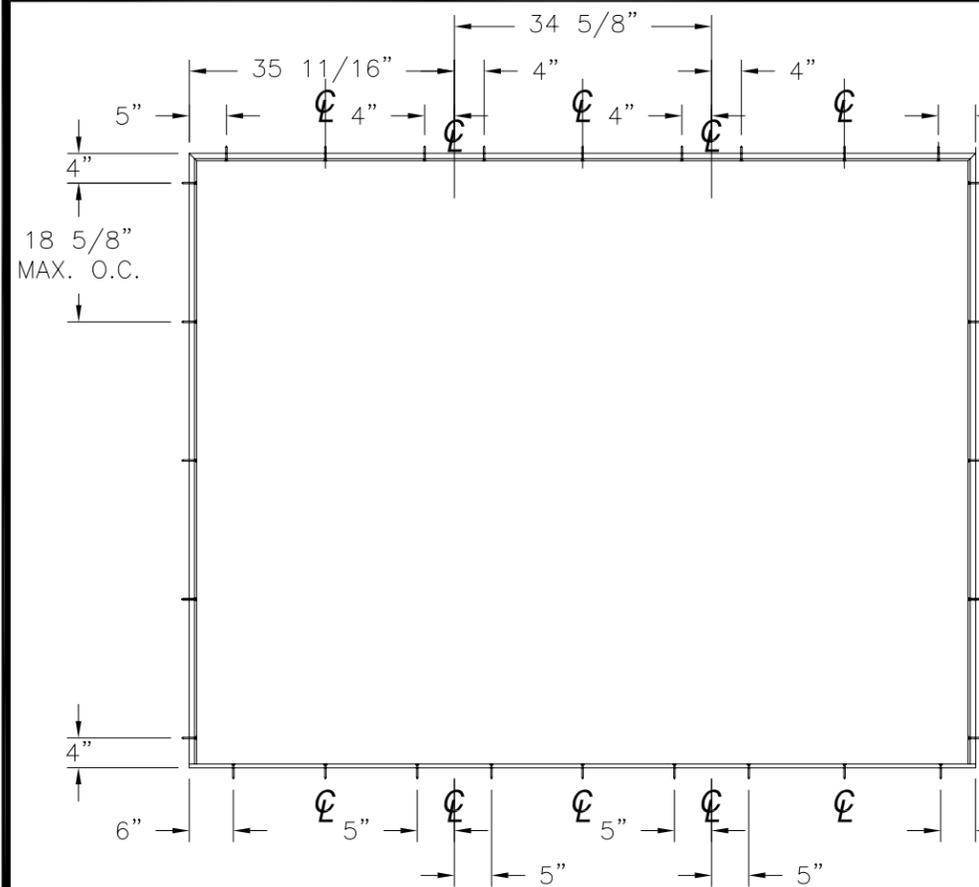
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED
ANCHORING LAYOUT

DRAWN: V.L.	DWG NO. 08-01554	REV -
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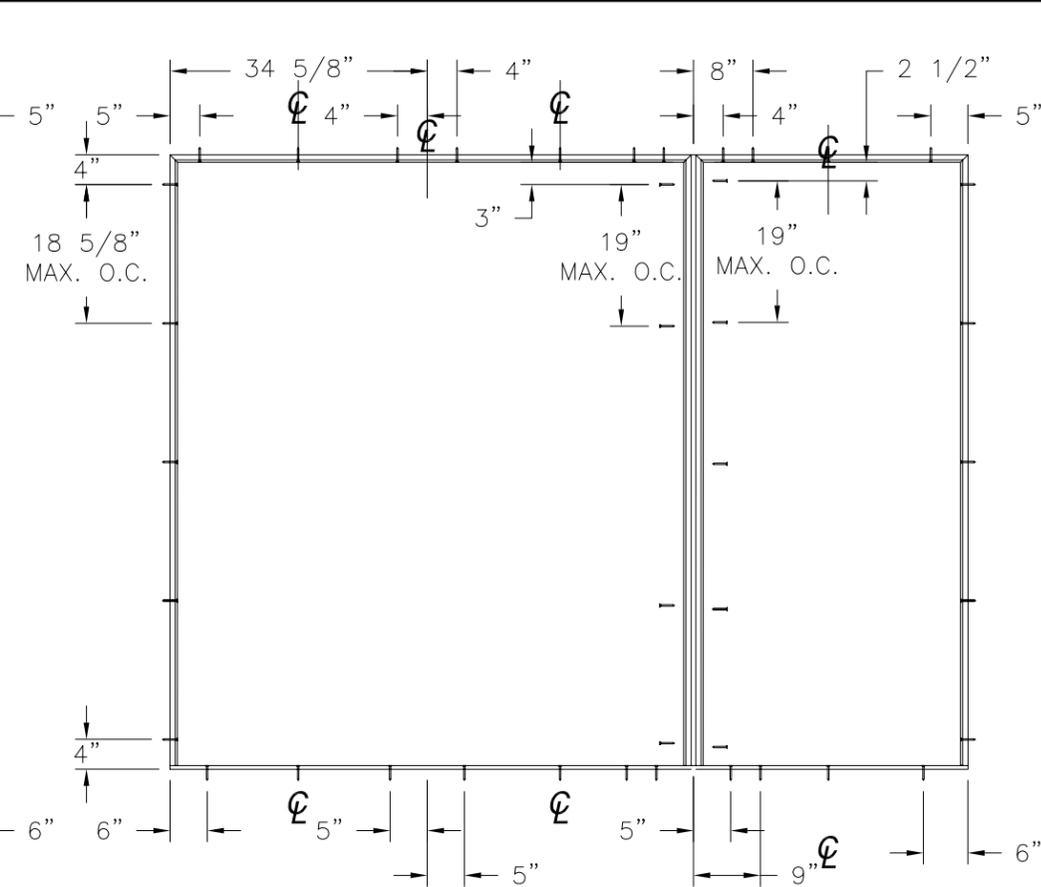
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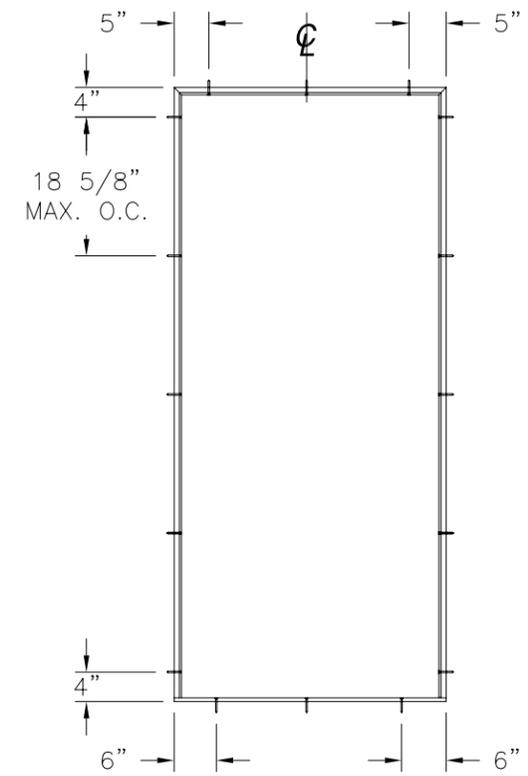


ANCHORING LAYOUT FOR OXO, XXO AND OXX

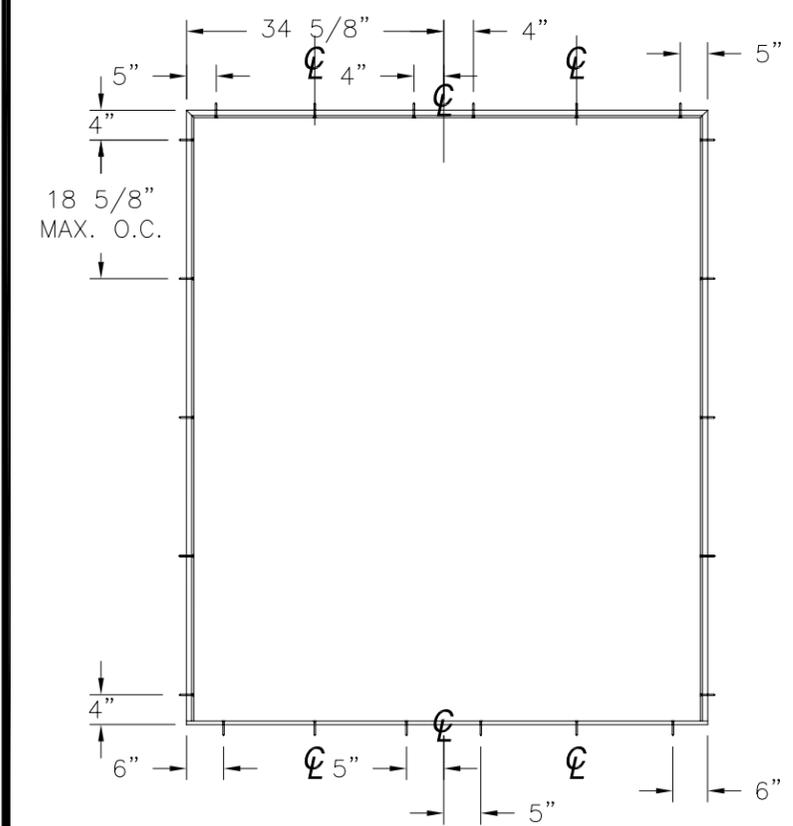


ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)

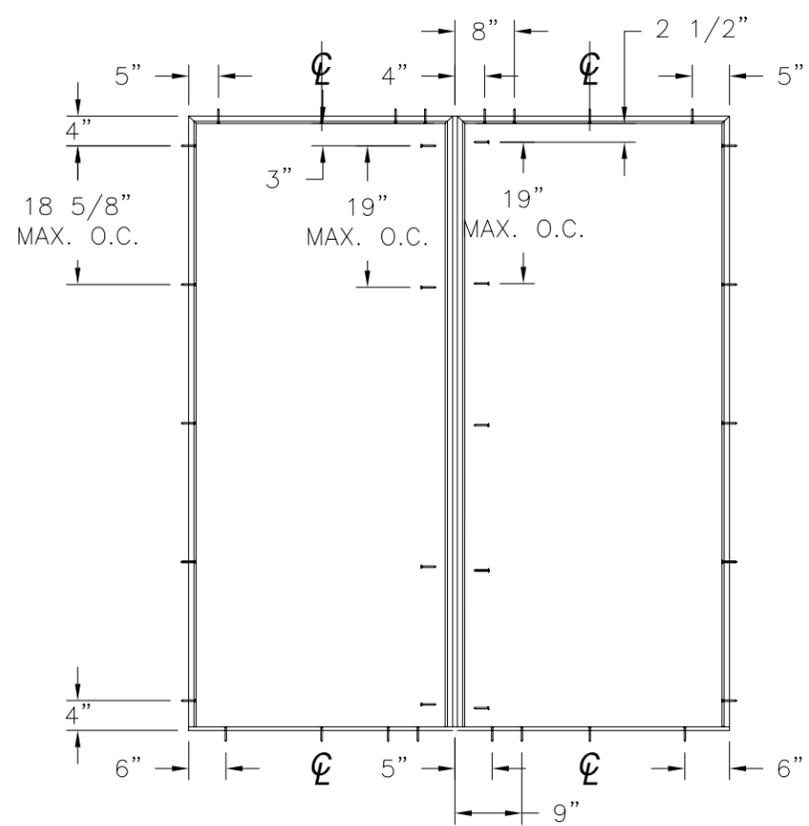
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ANCHORING LAYOUT FOR X



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)

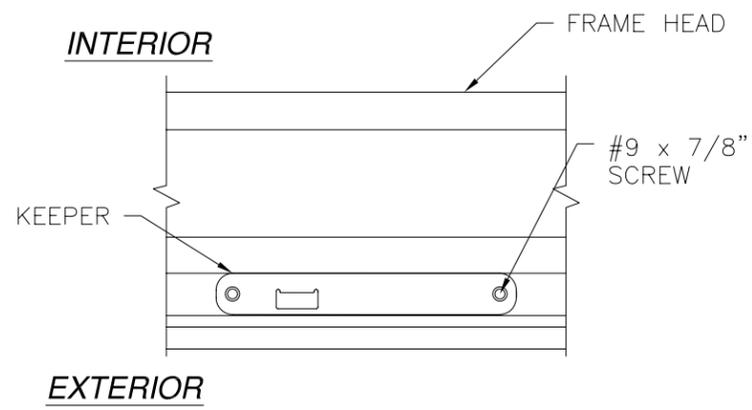
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
 FIBERGLASS GLAZED
 ANCHORING LAYOUT

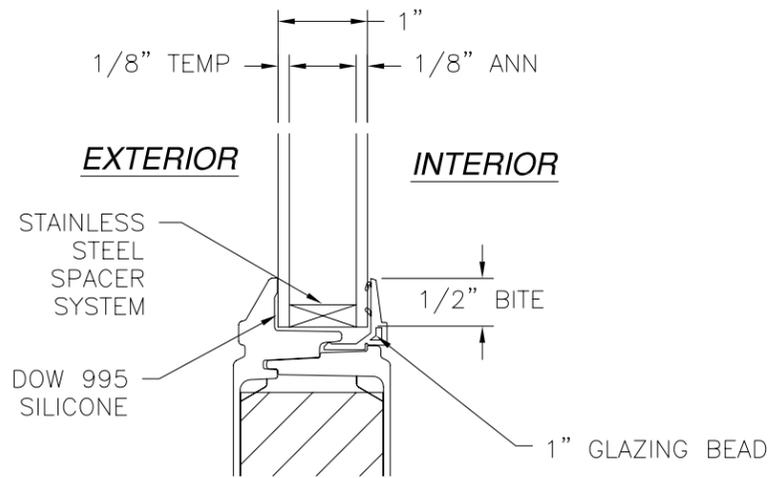
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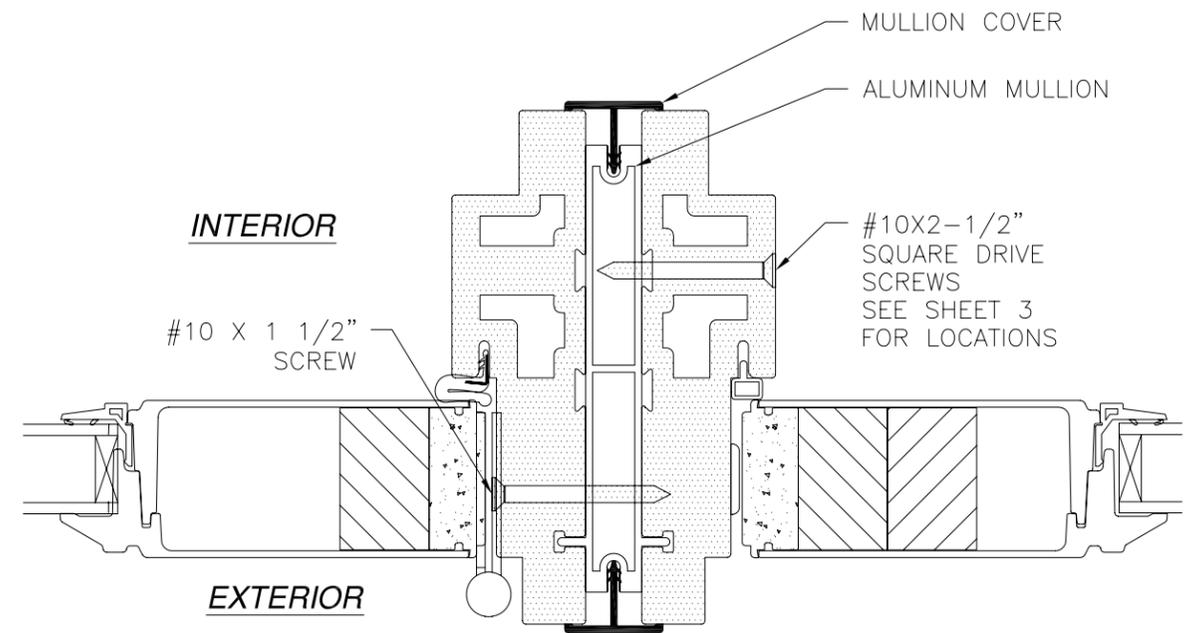
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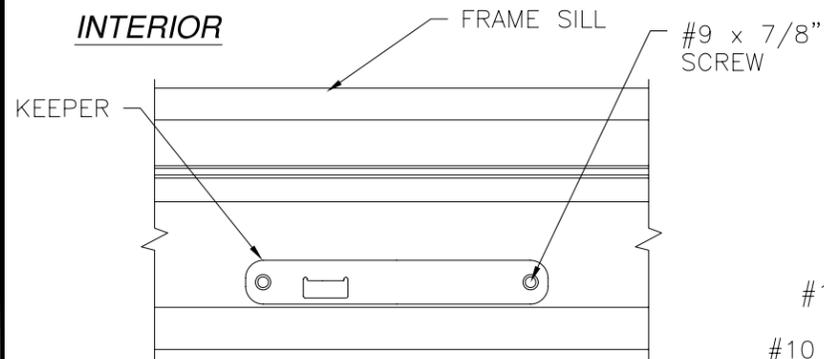
HEAD KEEPER DETAIL



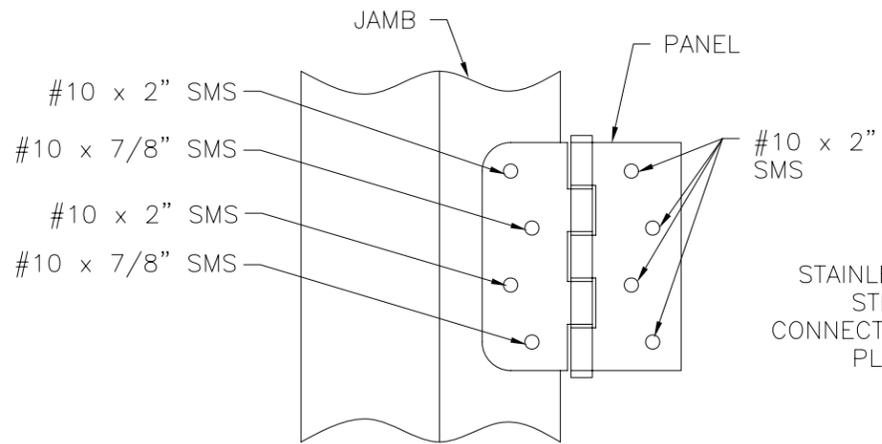
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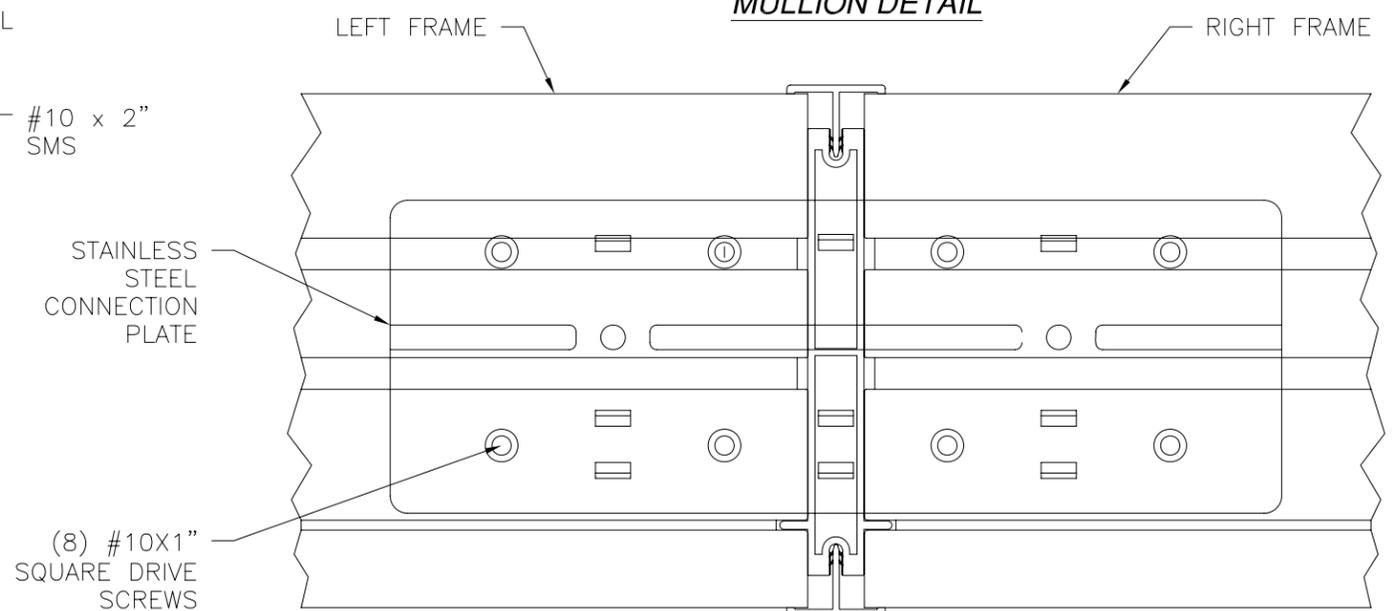
MULLION DETAIL



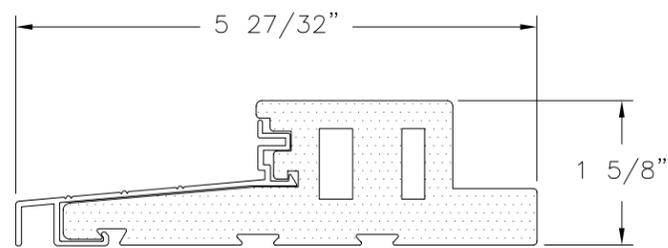
SILL KEEPER DETAIL



HINGE INSTALLATION DETAIL



FRAME CONNECTION DETAIL



OUTSWING DOOR SILL DETAIL

HARDWARE SCHEDULE	
A.	(1) FLUSH BOLT CONCEALED (INACTIVE PANEL)
B.	(1) DEADBOLT SET (ACTIVE PANEL)
C.	(3) 4"x4" BUTT HINGES BY WENZHOU LONGTAI (PER PANEL)
D.	ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
E.	ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS

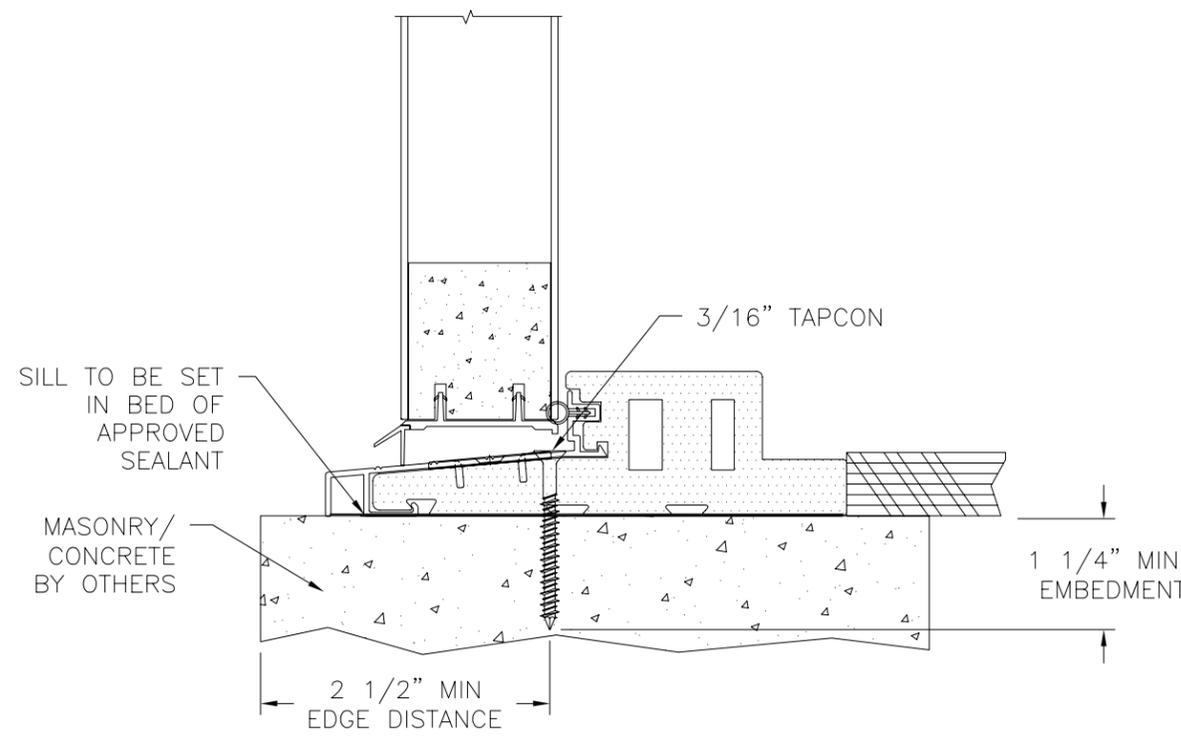
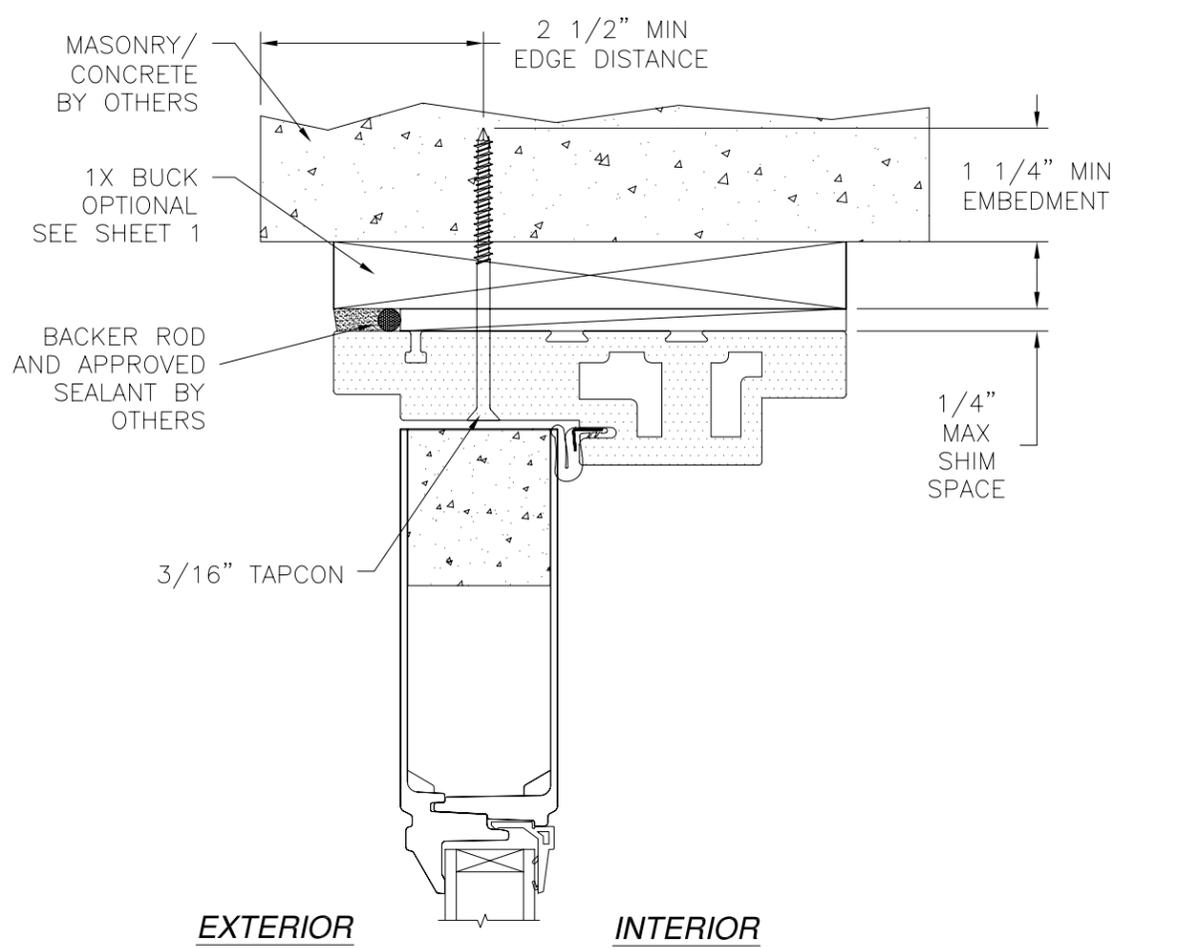
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED
INSTALLATION DETAILS

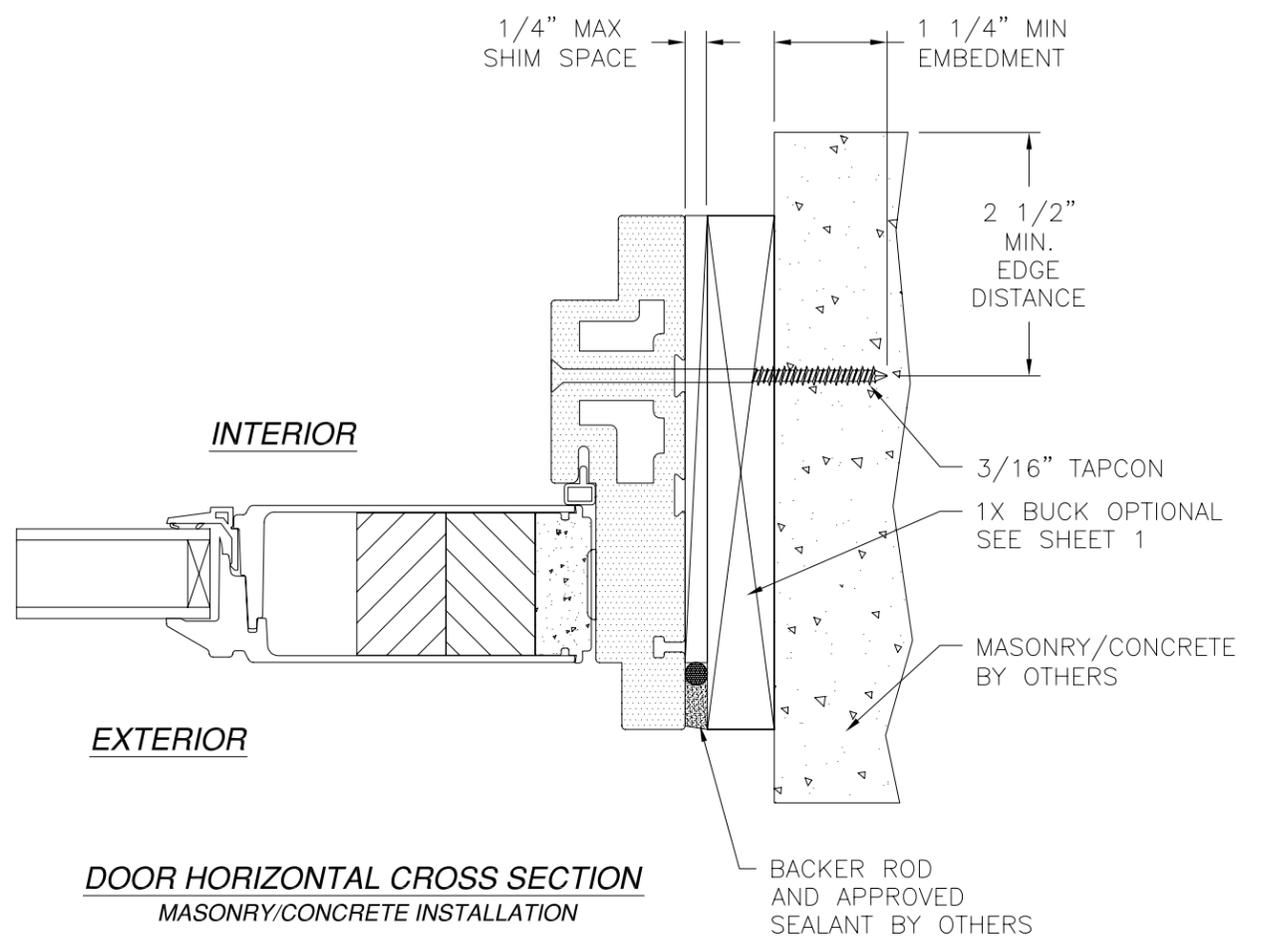
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Luis R. Lomas P.E.
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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

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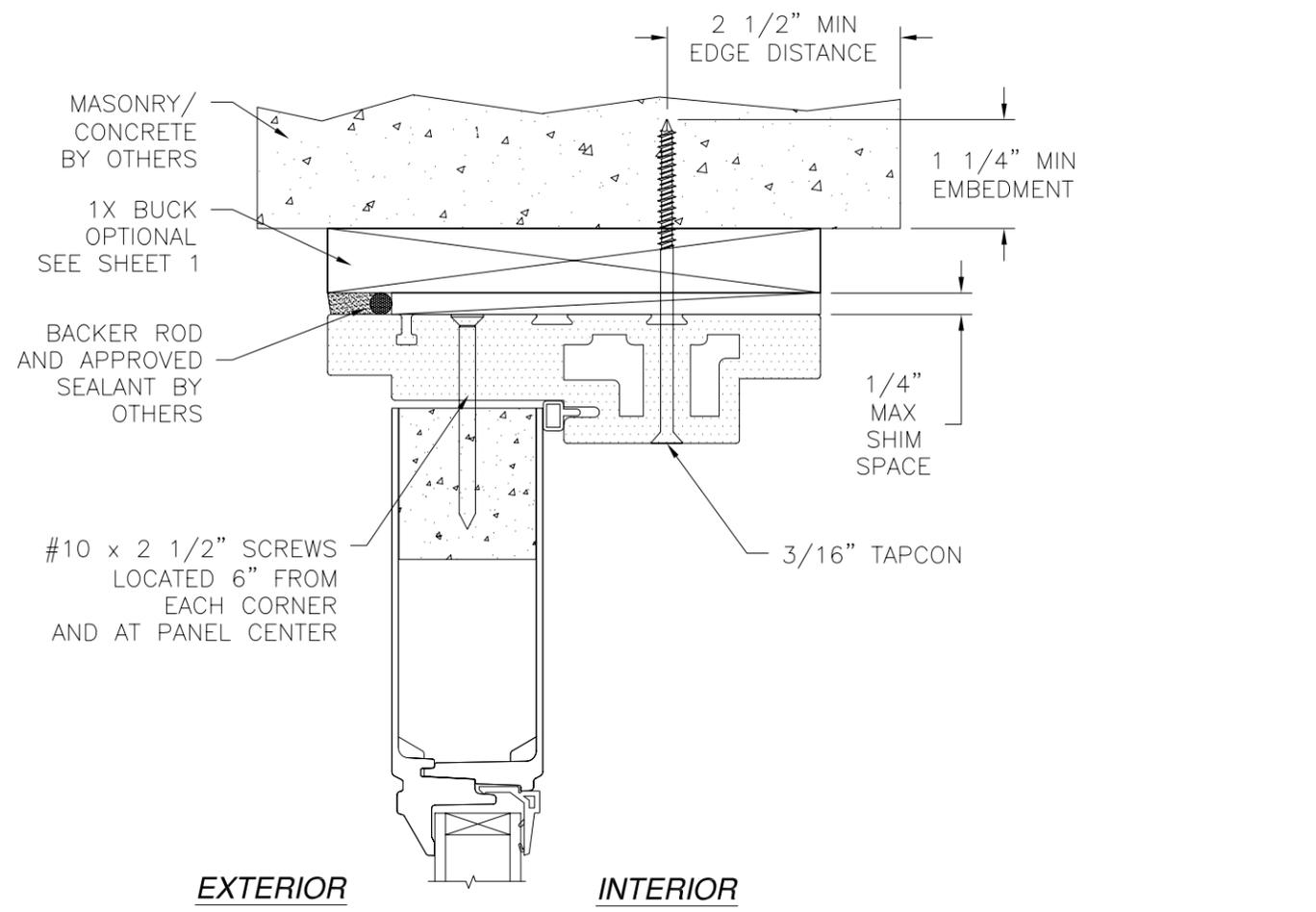
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED
INSTALLATION DETAILS

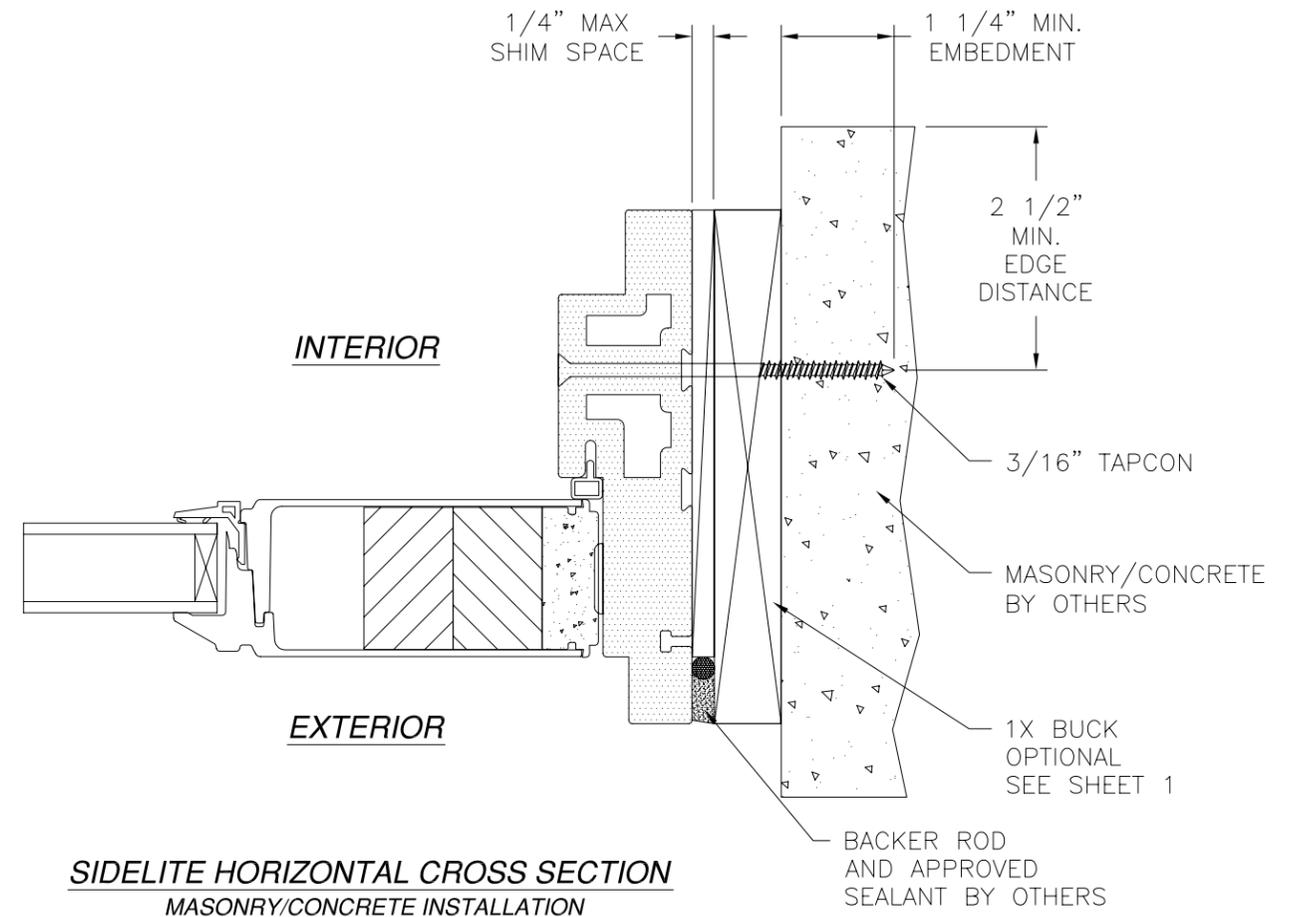
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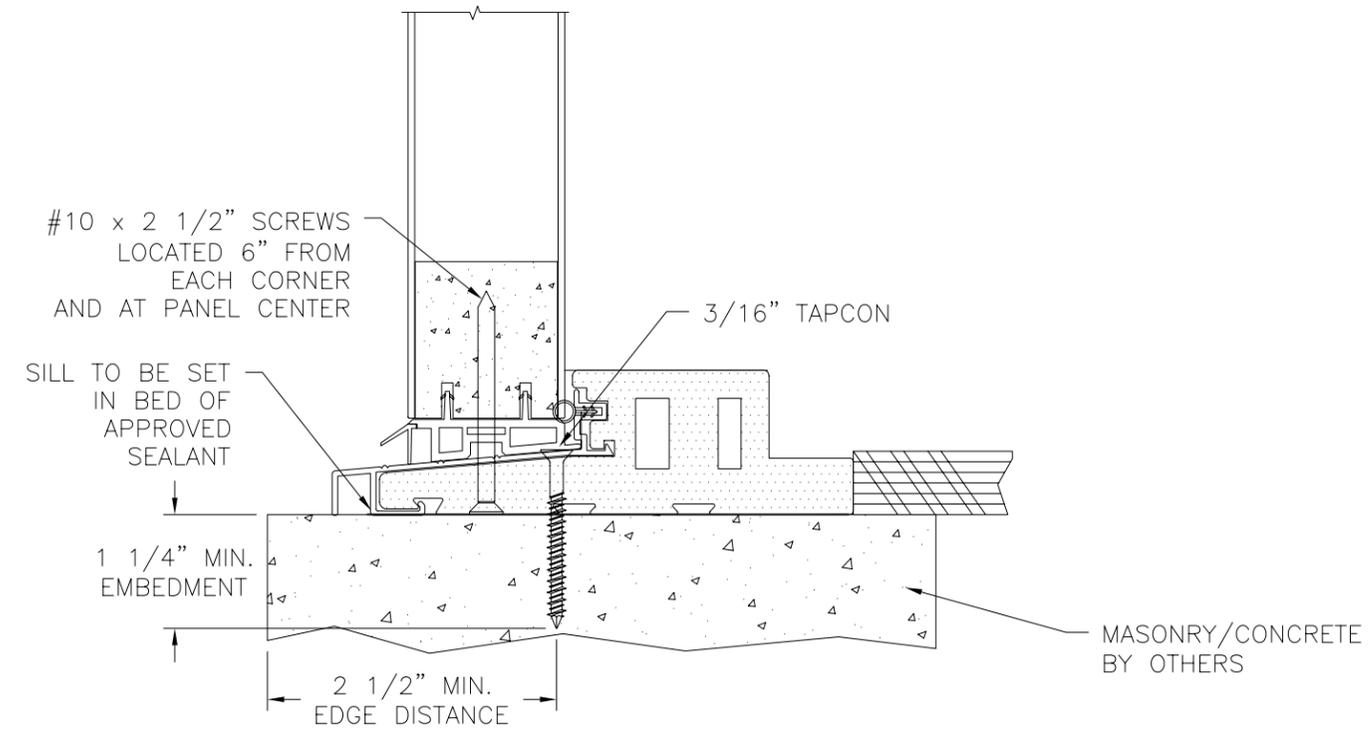


SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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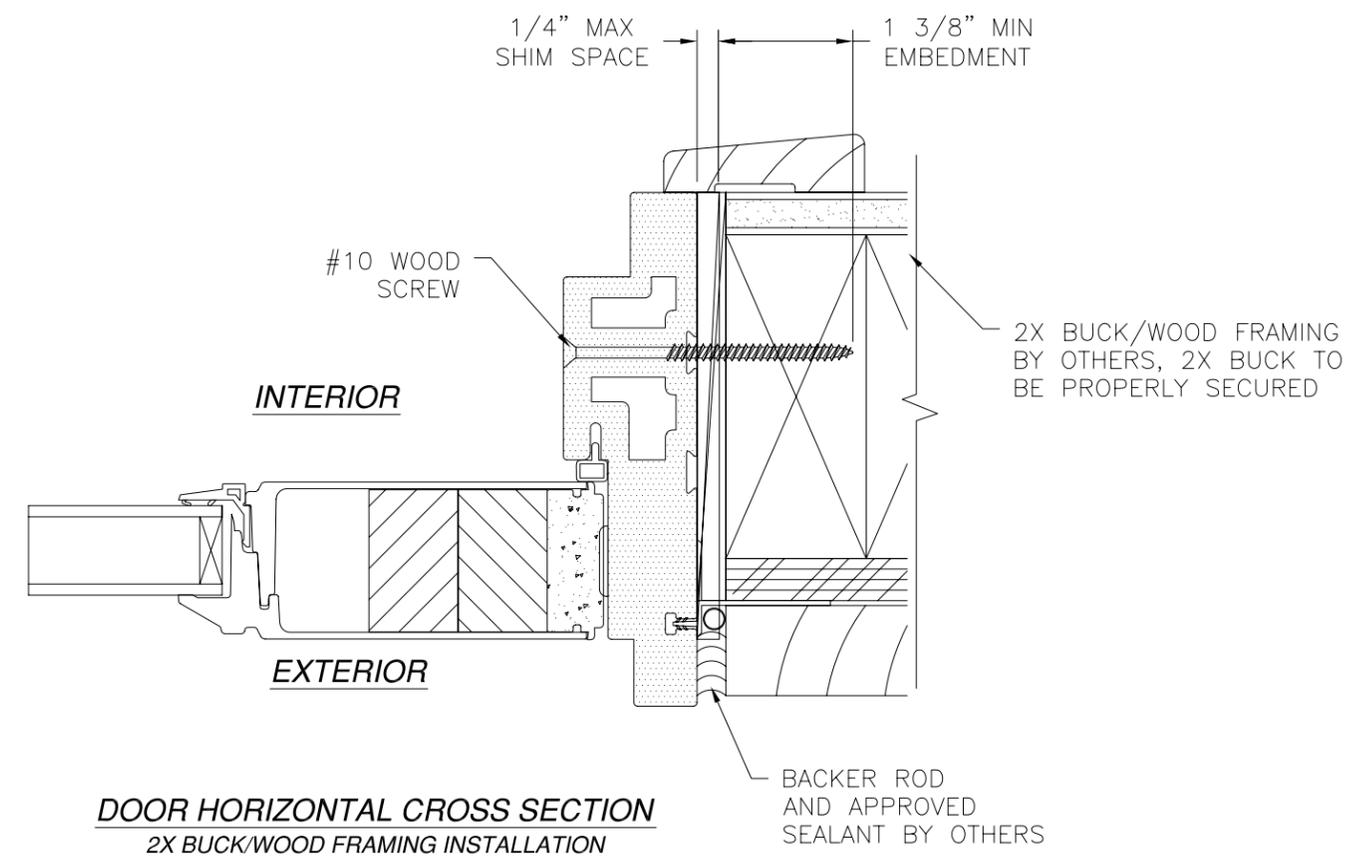
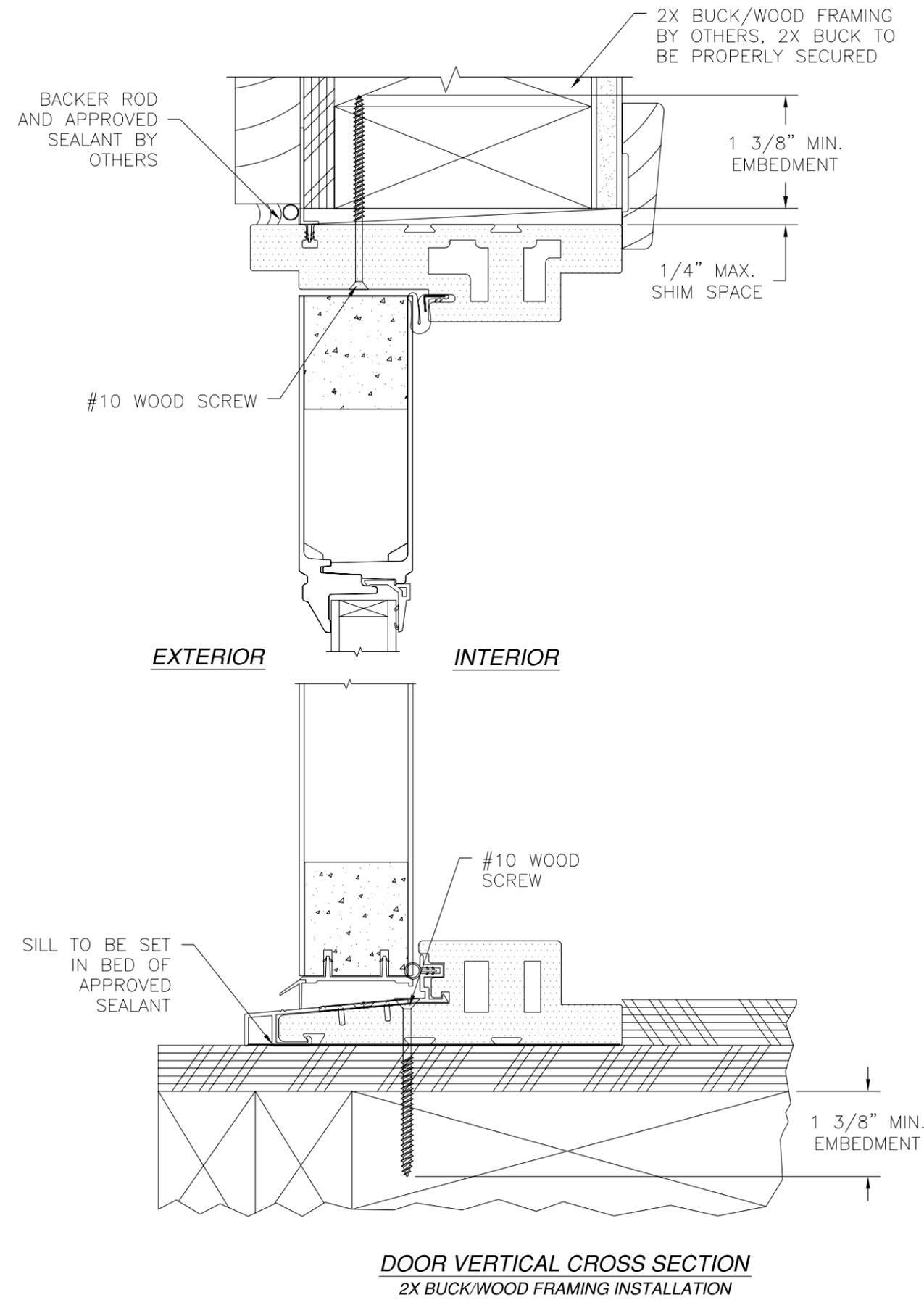
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED
INSTALLATION DETAILS



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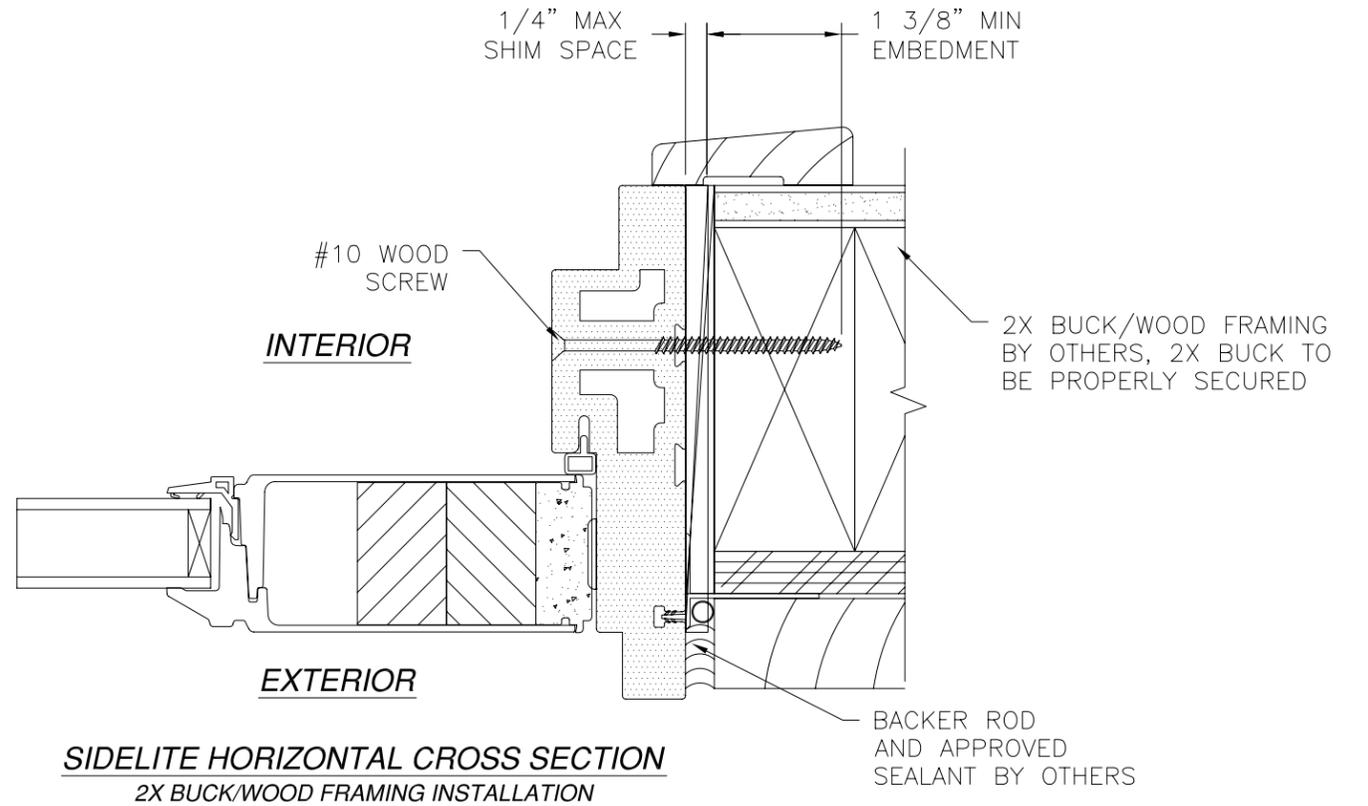
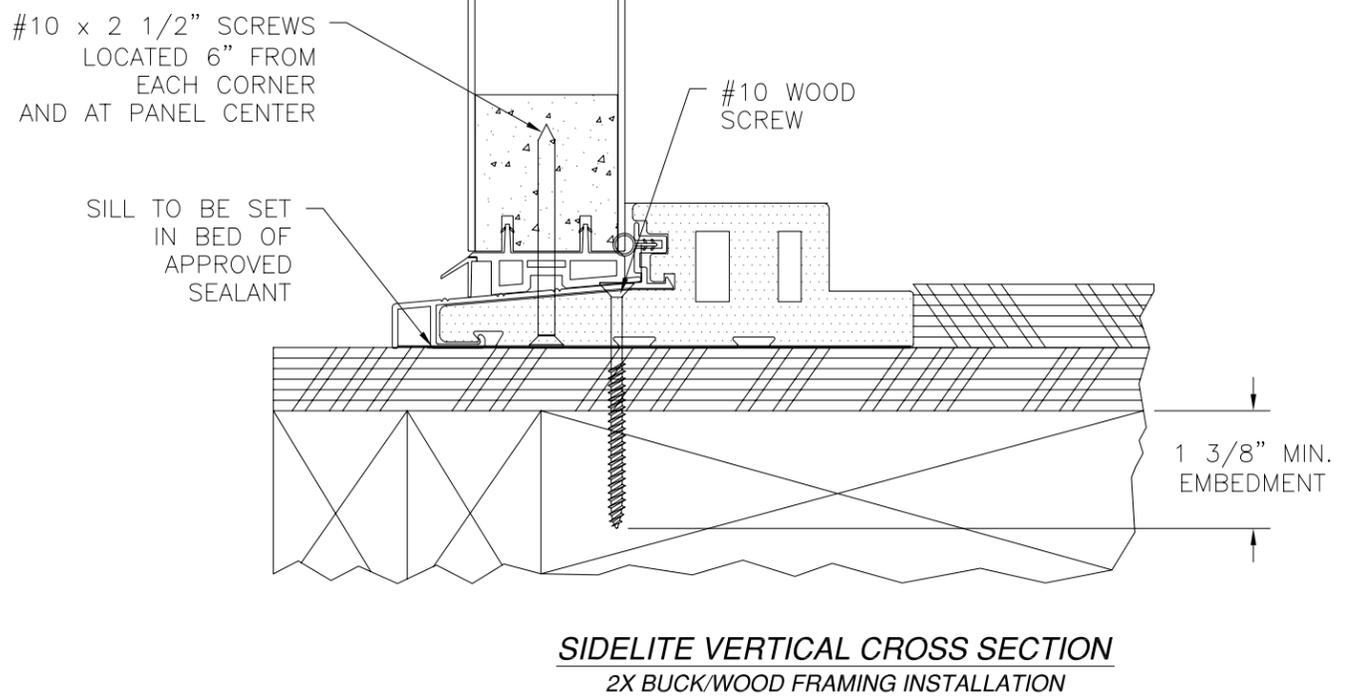
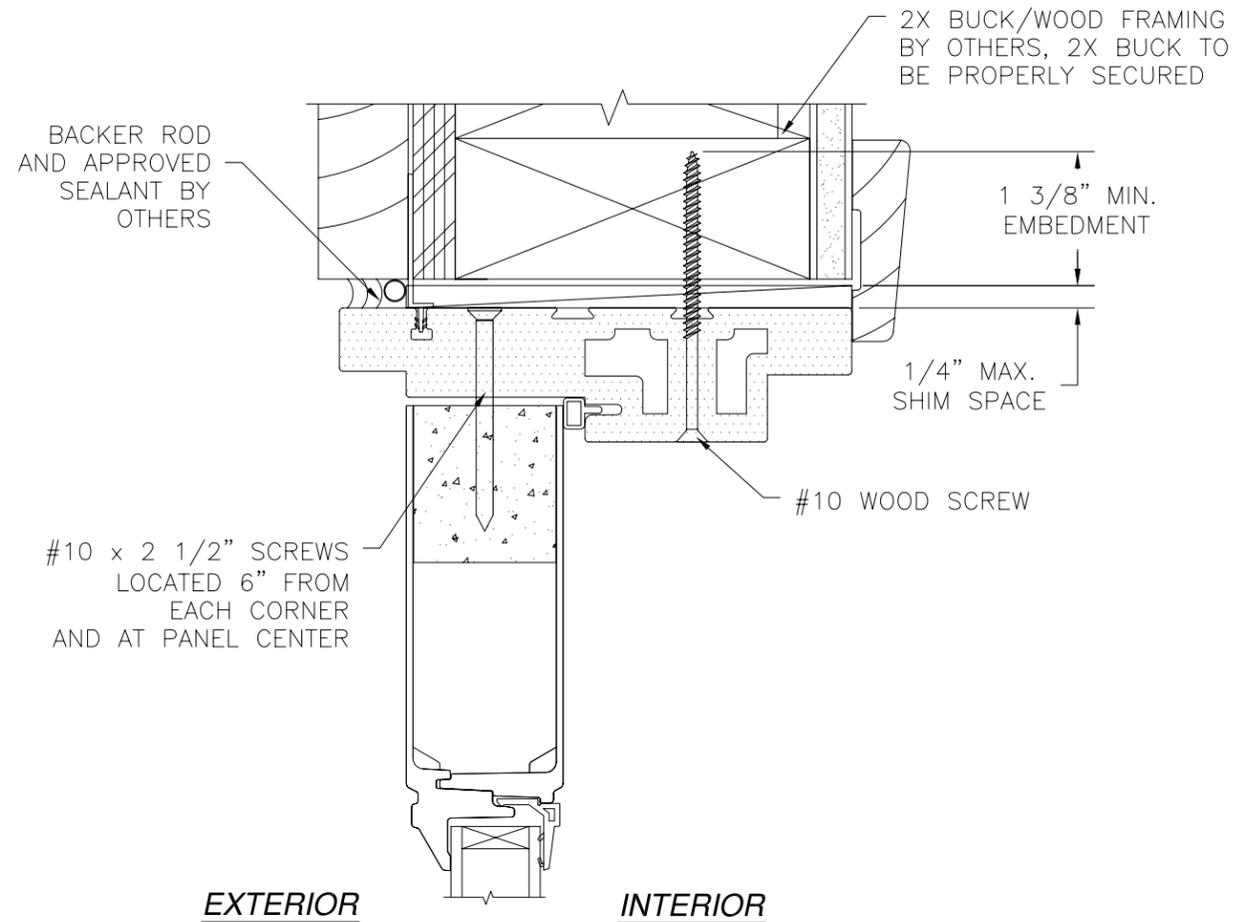
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
 FIBERGLASS GLAZED
 INSTALLATION DETAILS

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