

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISE TO ADD GLAZING DETAILS	05/14/2025	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. 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 JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM.
11. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM WITH ALUMINUM CLADDING.
12. 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.
13. UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 6 FOR GLAZING DETAIL.
14. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

15. 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.
16. FOR ANCHORING 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. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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).
19. HINGE LOCATION: 9", 40 7/8" AND 72 1/2" FROM BOTTOM.
20. MAX PANEL SIZE: 35 1/4" X 80 5/16"

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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

OUT-SWING ENTRANCE W/ & W/O SIDELITES

FIBERGLASS CLAD

NOTES

DRAWN: N.G.

DWG NO. 08-02313C

REV C

SCALE NTS

DATE 04/09/14

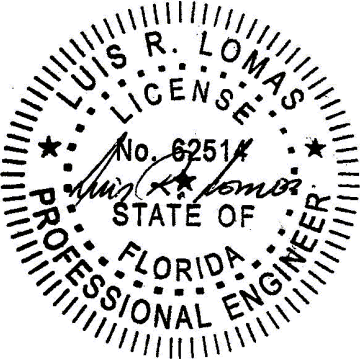
SHEET 1 OF 11

L. ROBERTO LOMAS P.E.

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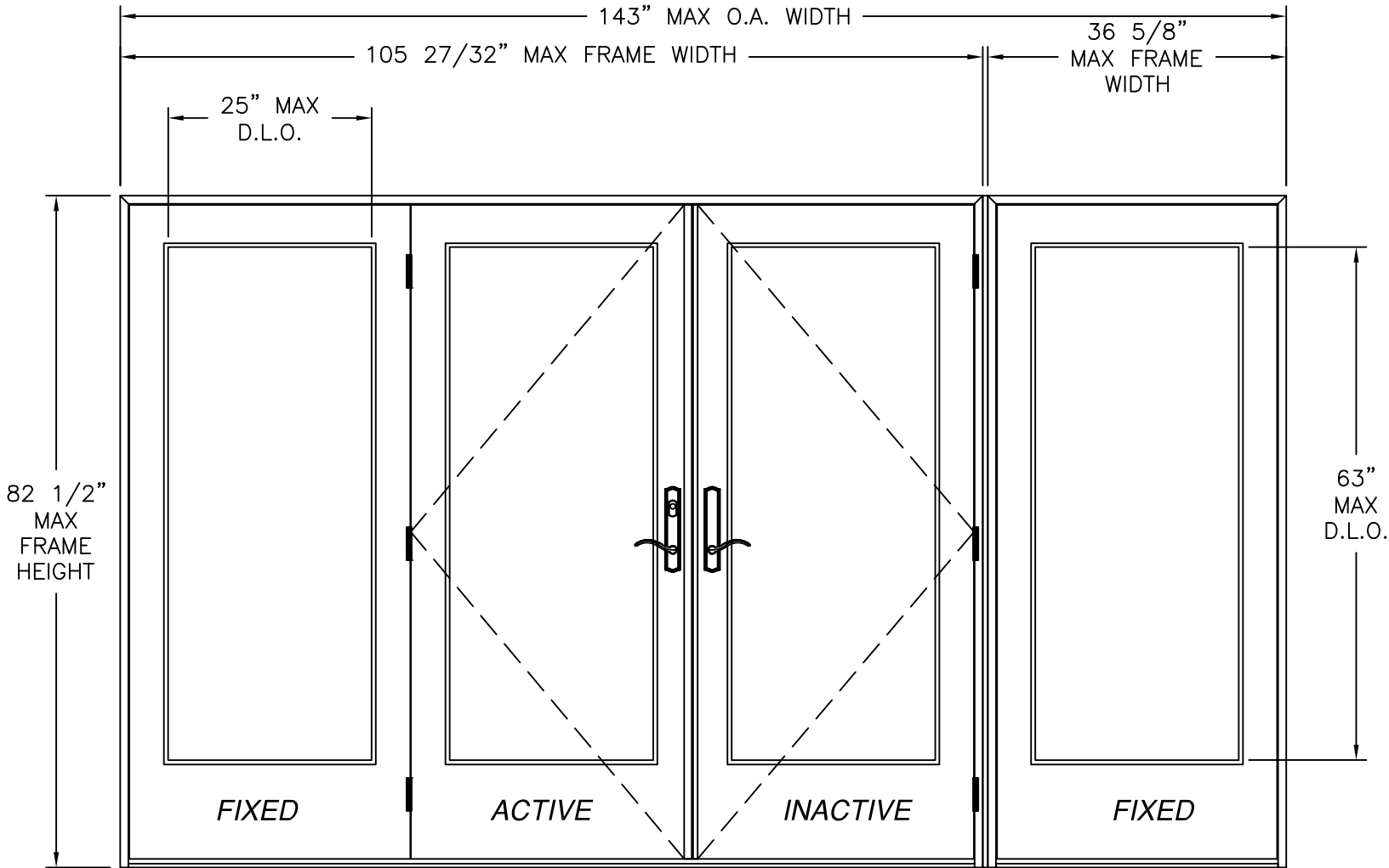
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SIGNED: 05/21/2025



Luis R. Lomas P.E.

FL No.: 62514



OUT-SWING ENTRANCE DOUBLE DOOR W/ SIDELITES
FIBERGLASS CLAD
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

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HOUSTON, TX 77029

OUT-SWING ENTRANCE W/ & W/O SIDELITES
FIBERGLASS CLAD
ELEVATION

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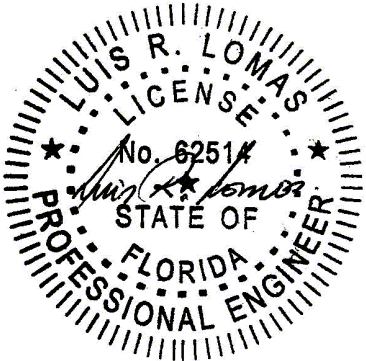
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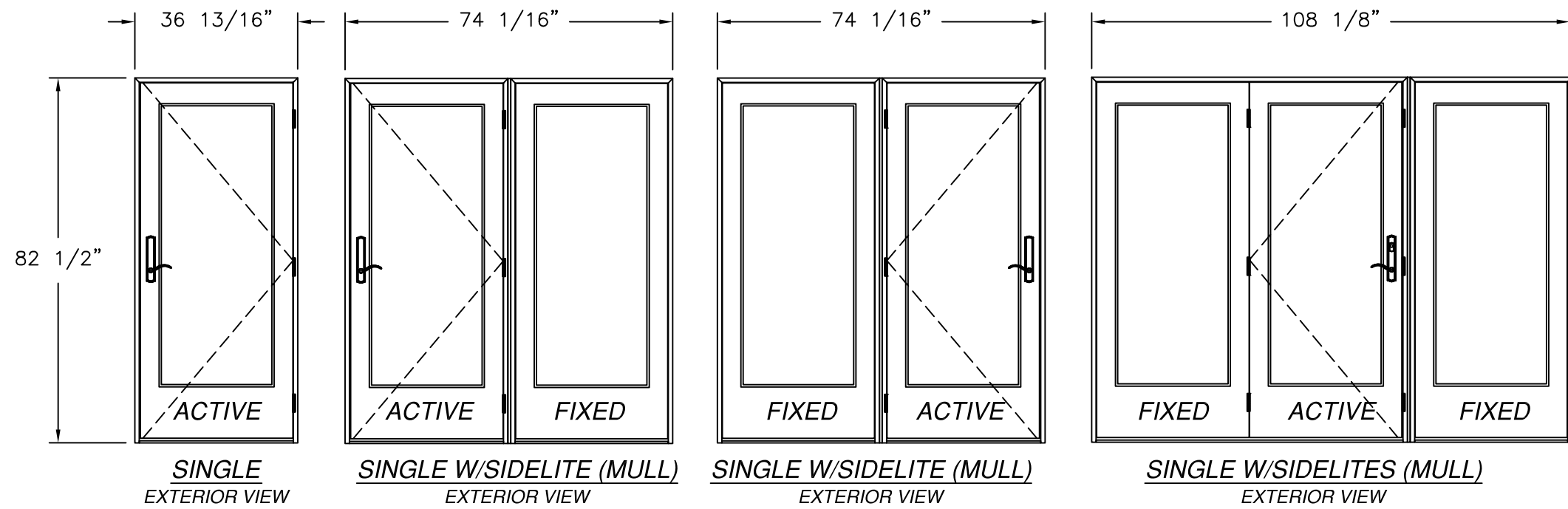
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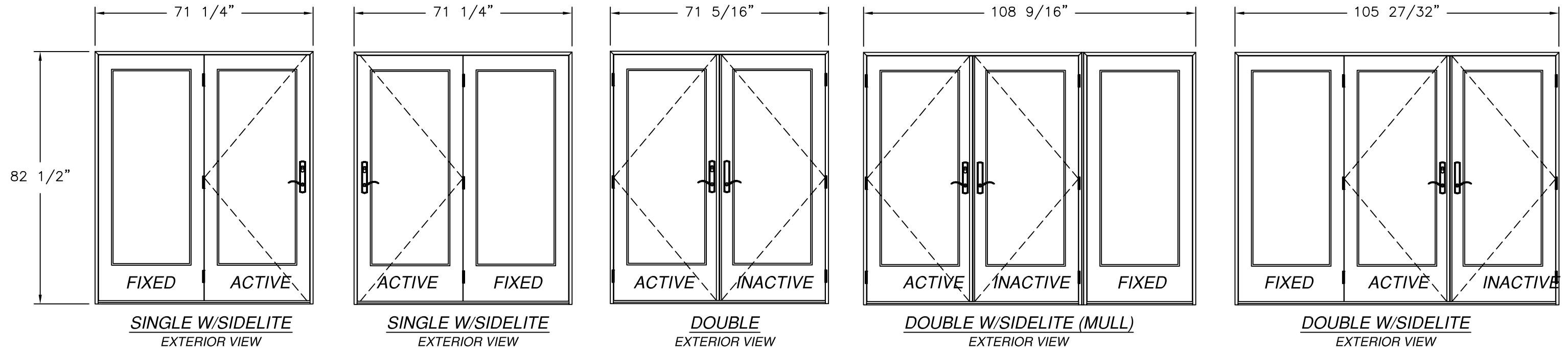
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OUT-SWING ENTRANCE W/ & W/O SIDELITES
FIBERGLASS CLAD
APPROVED ELEVATIONS

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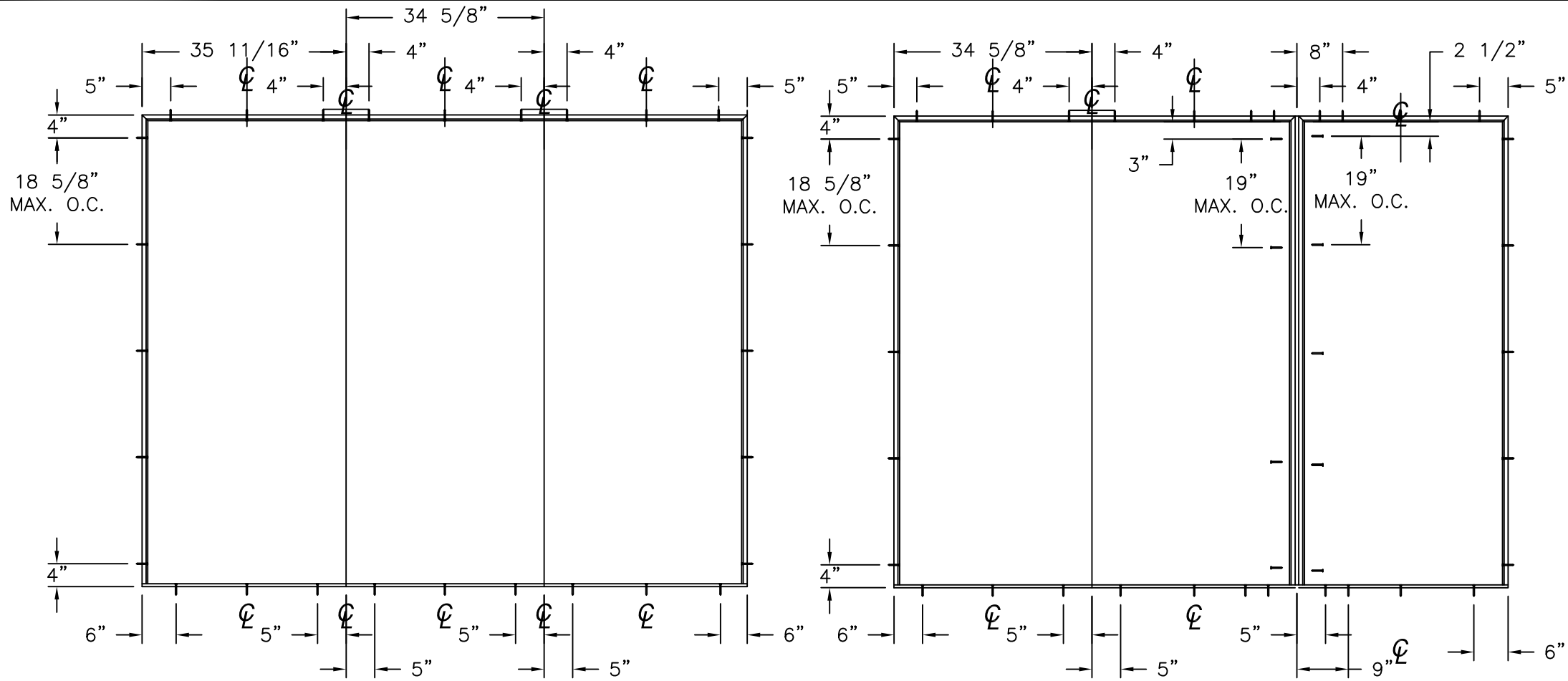
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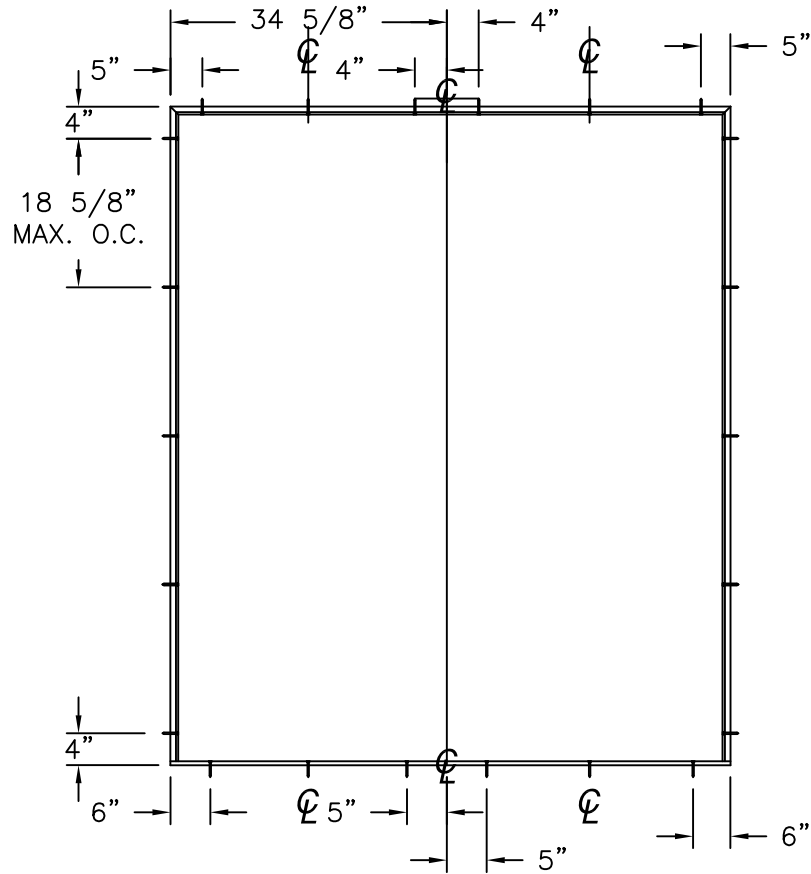
LUIS R. LOMAS
LICENSED PROFESSIONAL ENGINEER
No. 62514
STATE OF FLORIDA

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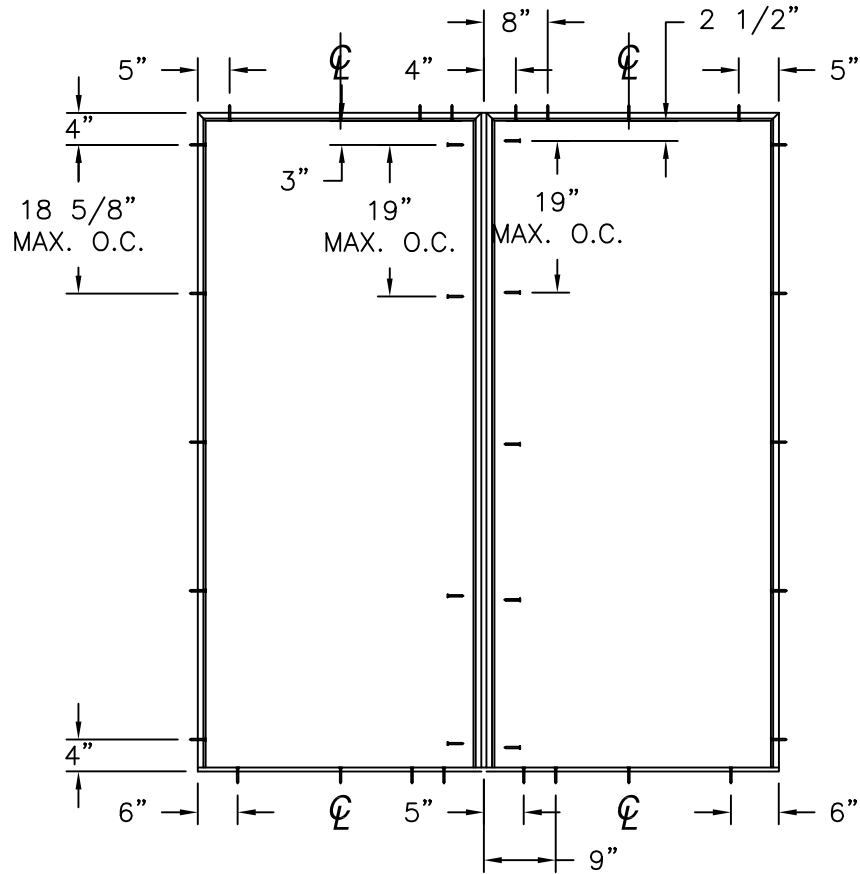


ANCHORING LAYOUT FOR OXO, XXO AND OXX

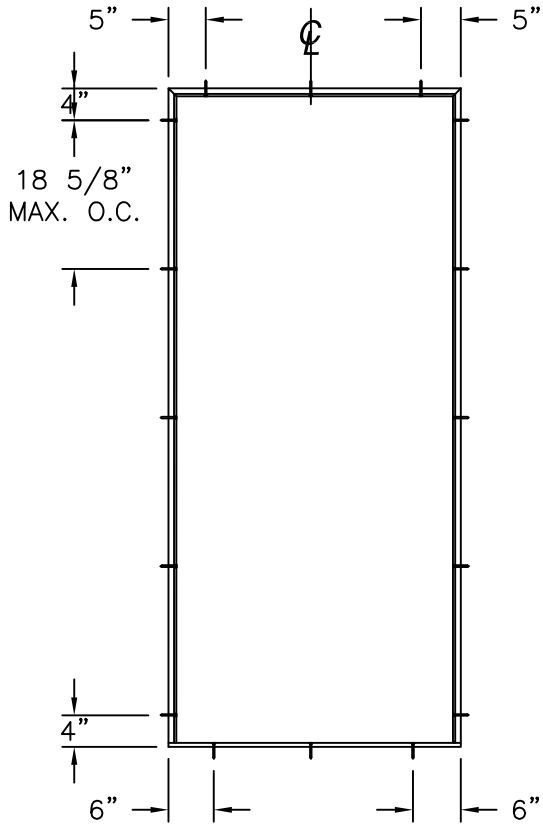
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ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)



ANCHORING LAYOUT FOR X

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OUT-SWING ENTRANCE W/ & W/O SIDELITES
FIBERGLASS CLAD
ANCHORING LAYOUTS

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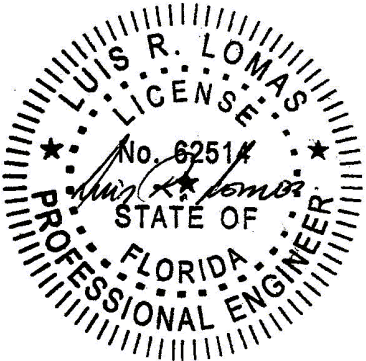
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SHEET
5 OF 11

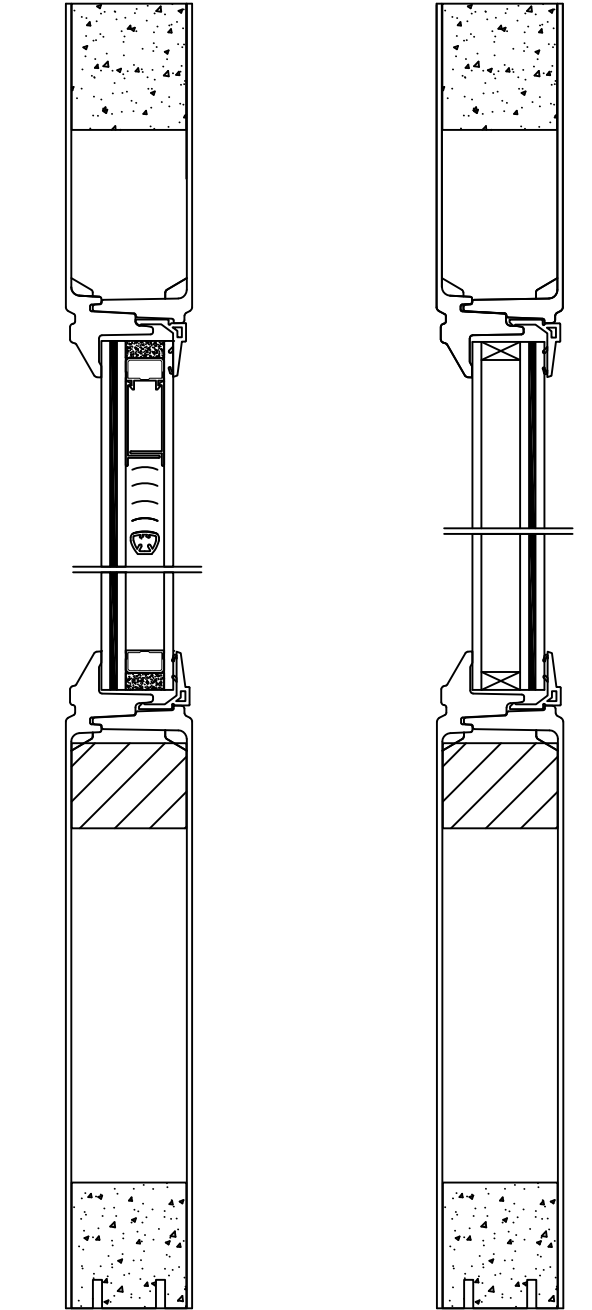
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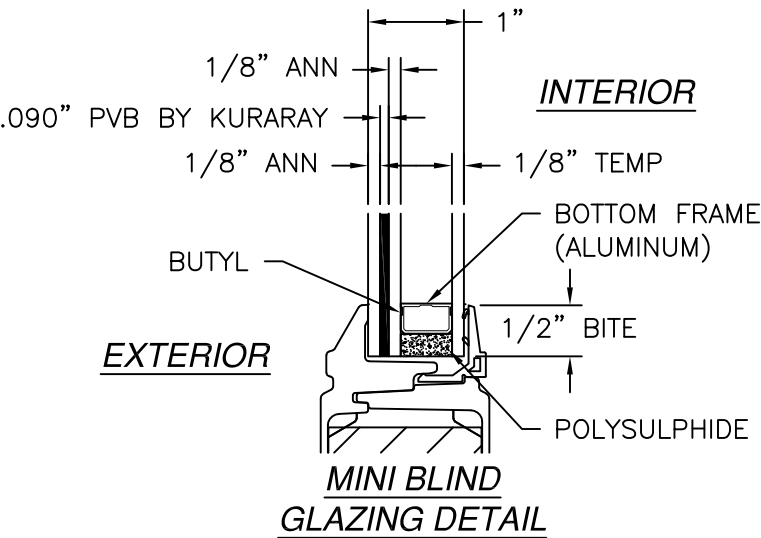
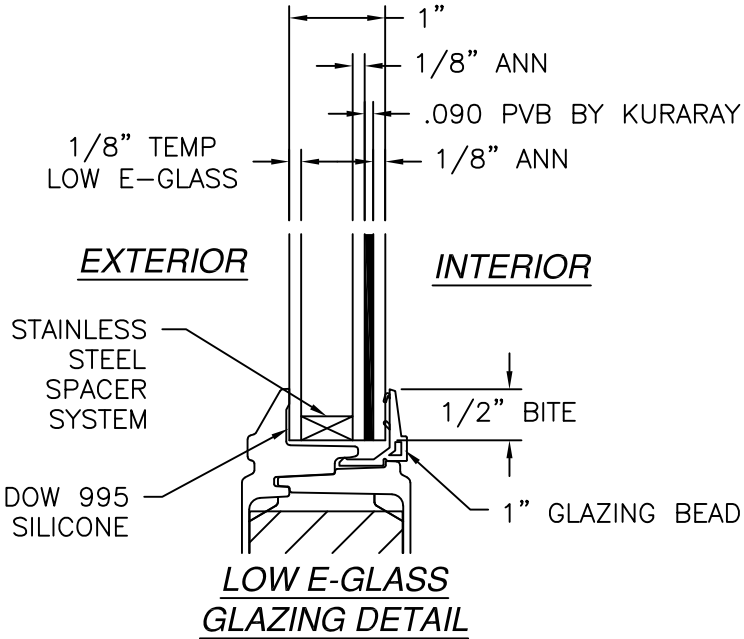
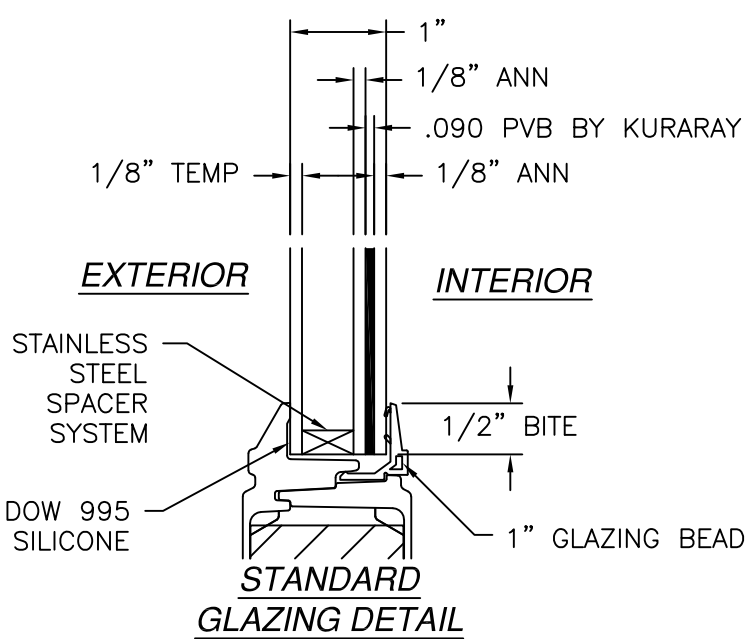
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APPROVED PANEL CONFIGURATIONS



W/MINI-BLIND

STANDARD



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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

OUT-SWING ENTRANCE W/ & W/O SIDELITES

FIBERGLASS CLAD

INSTALLATION DETAILS

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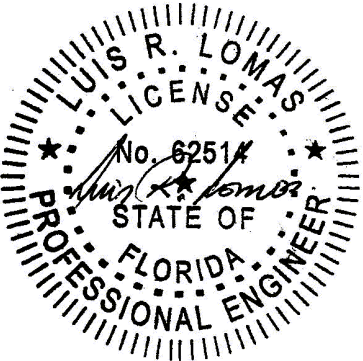
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SHEET 6 OF 11

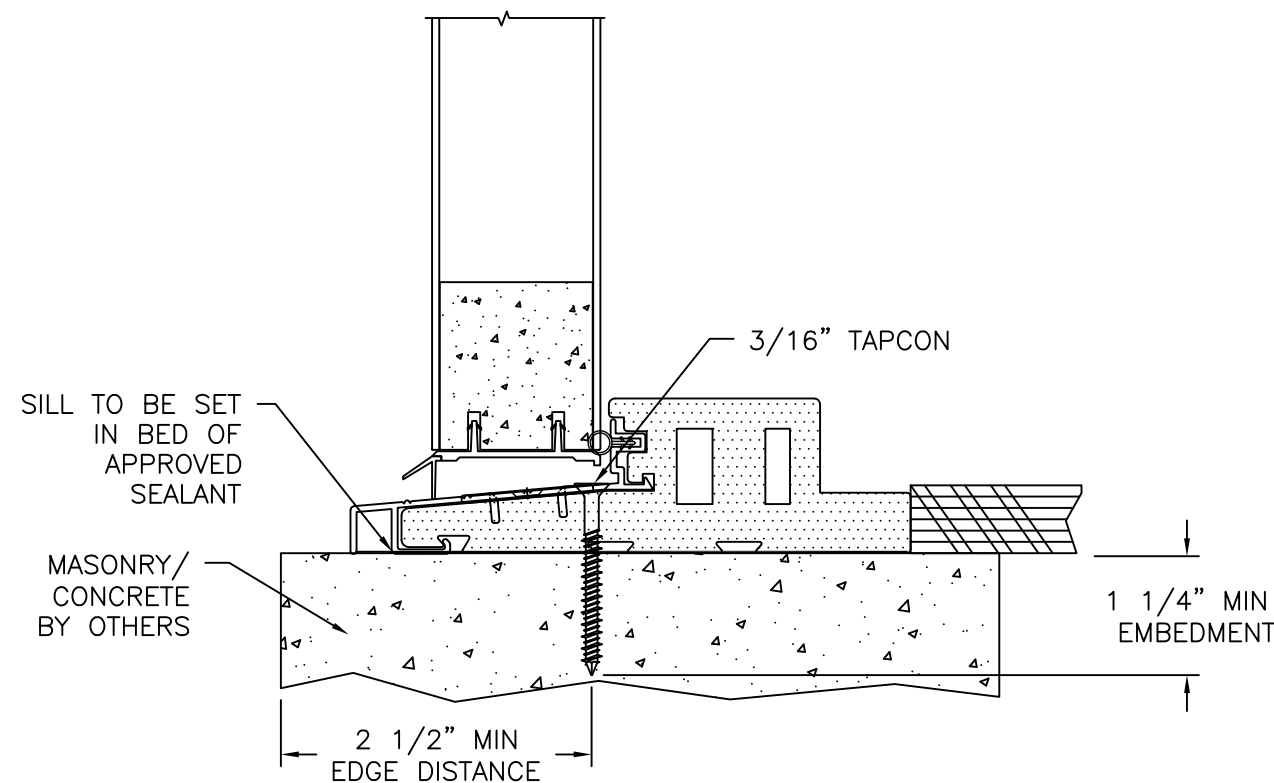
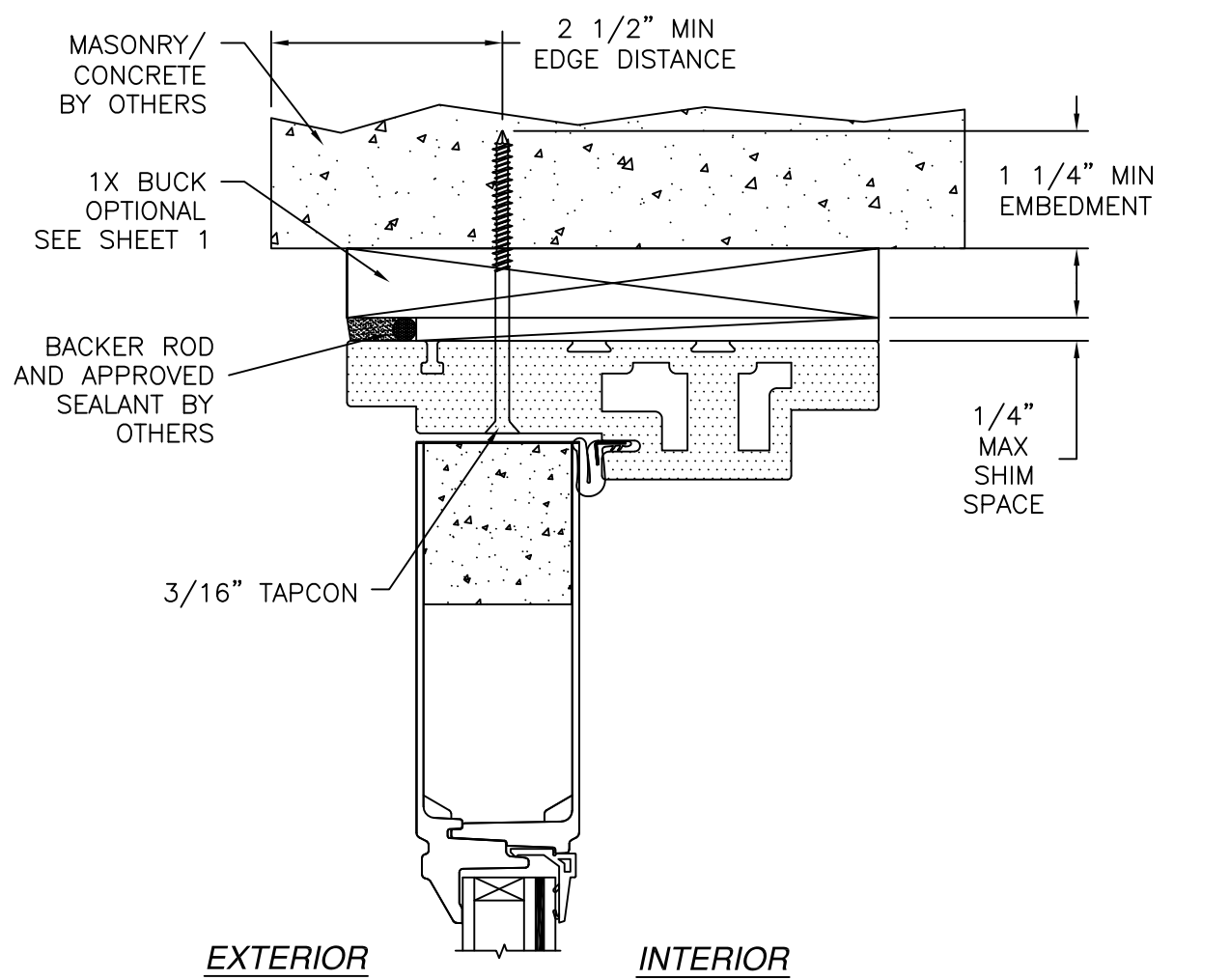
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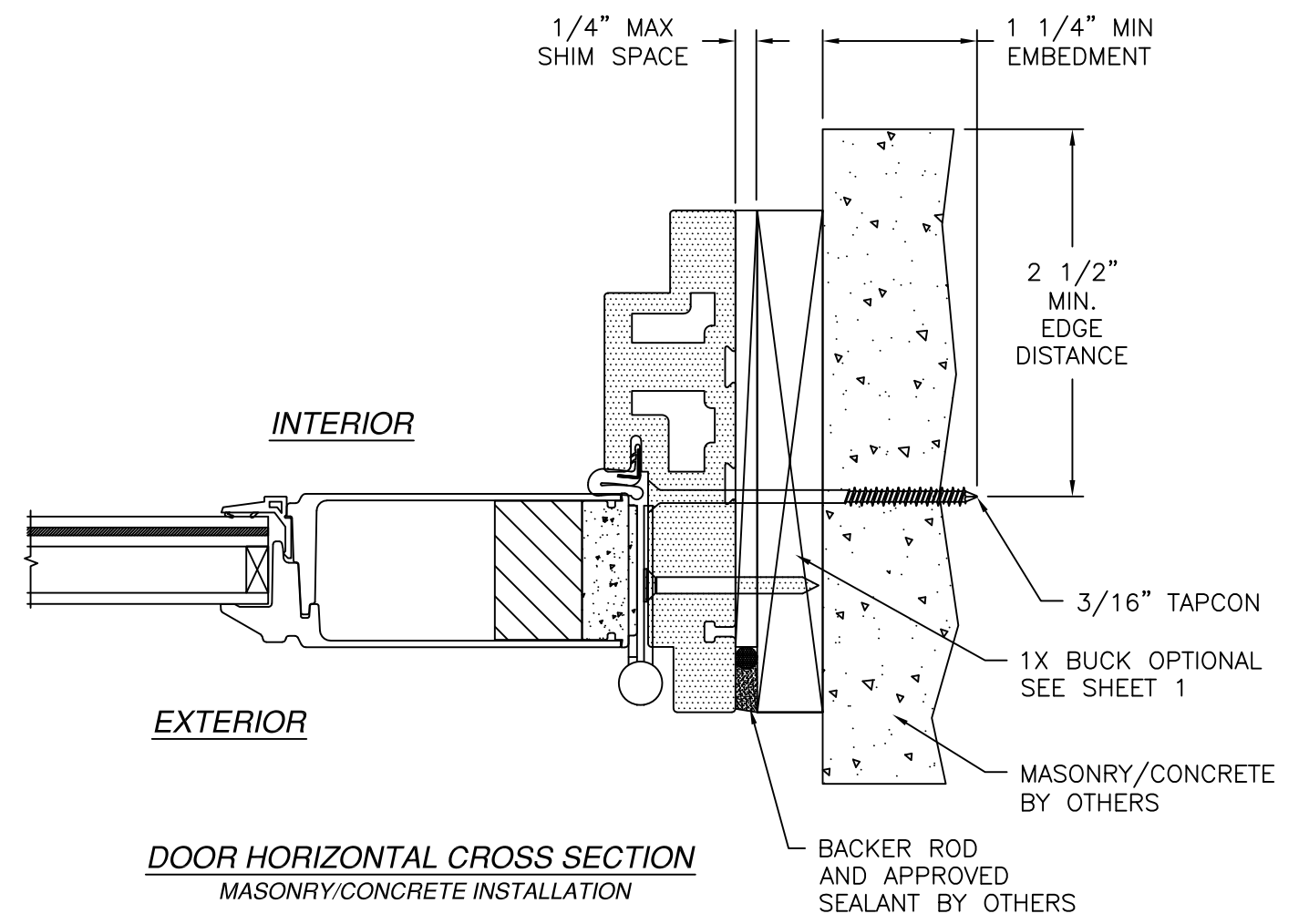
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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE 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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8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

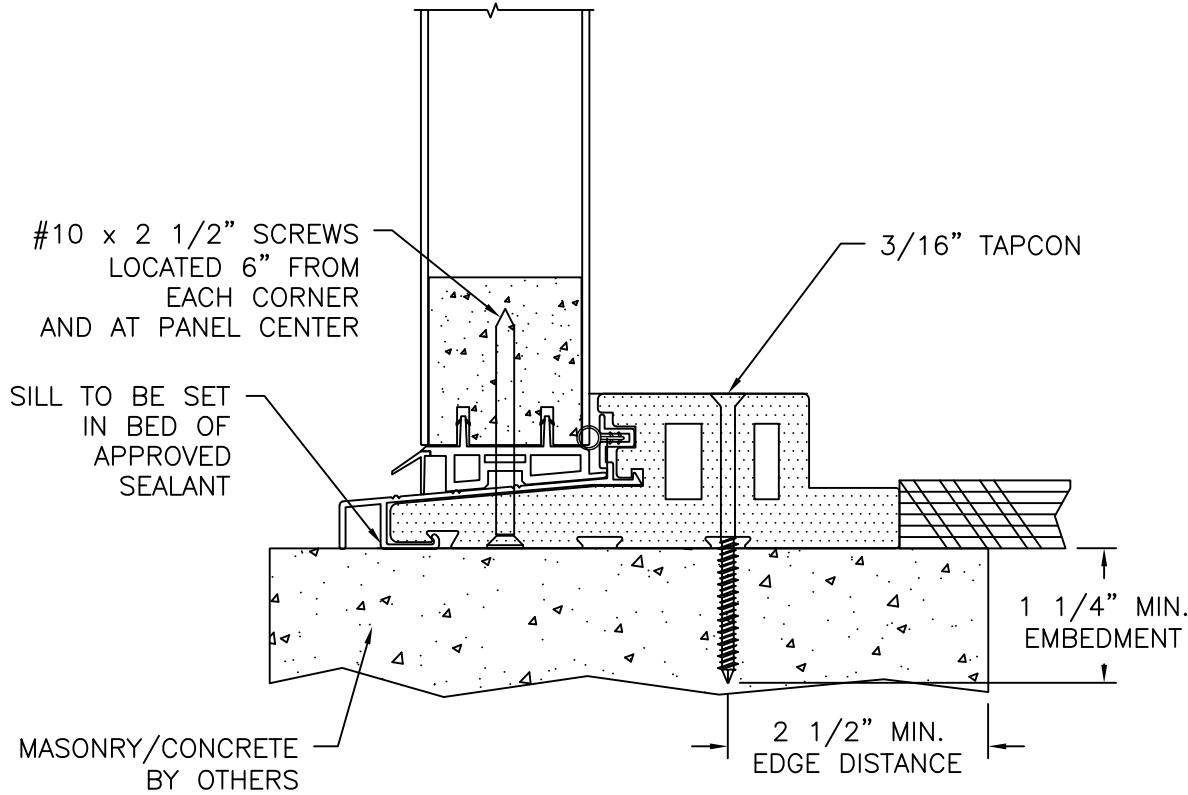
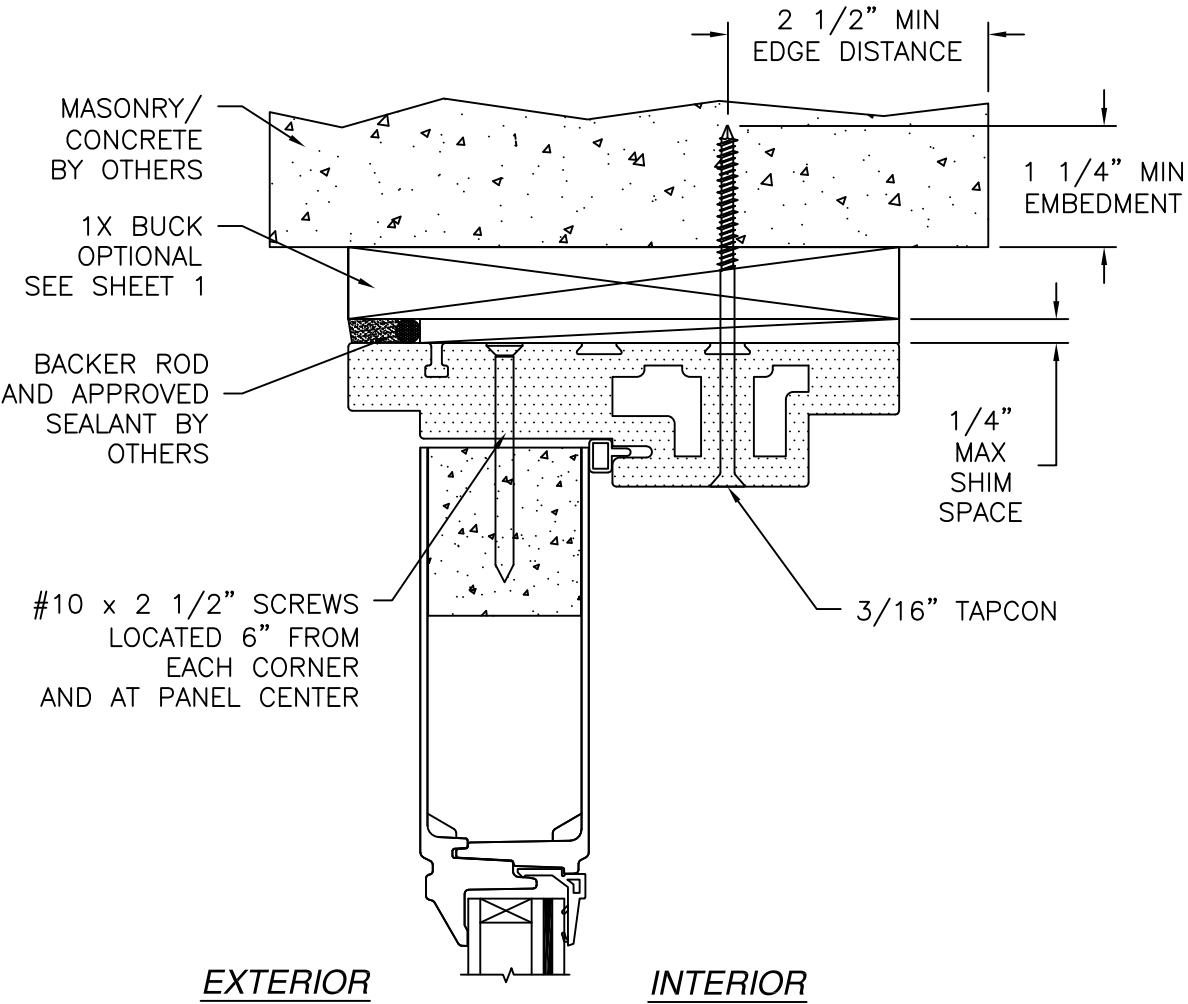
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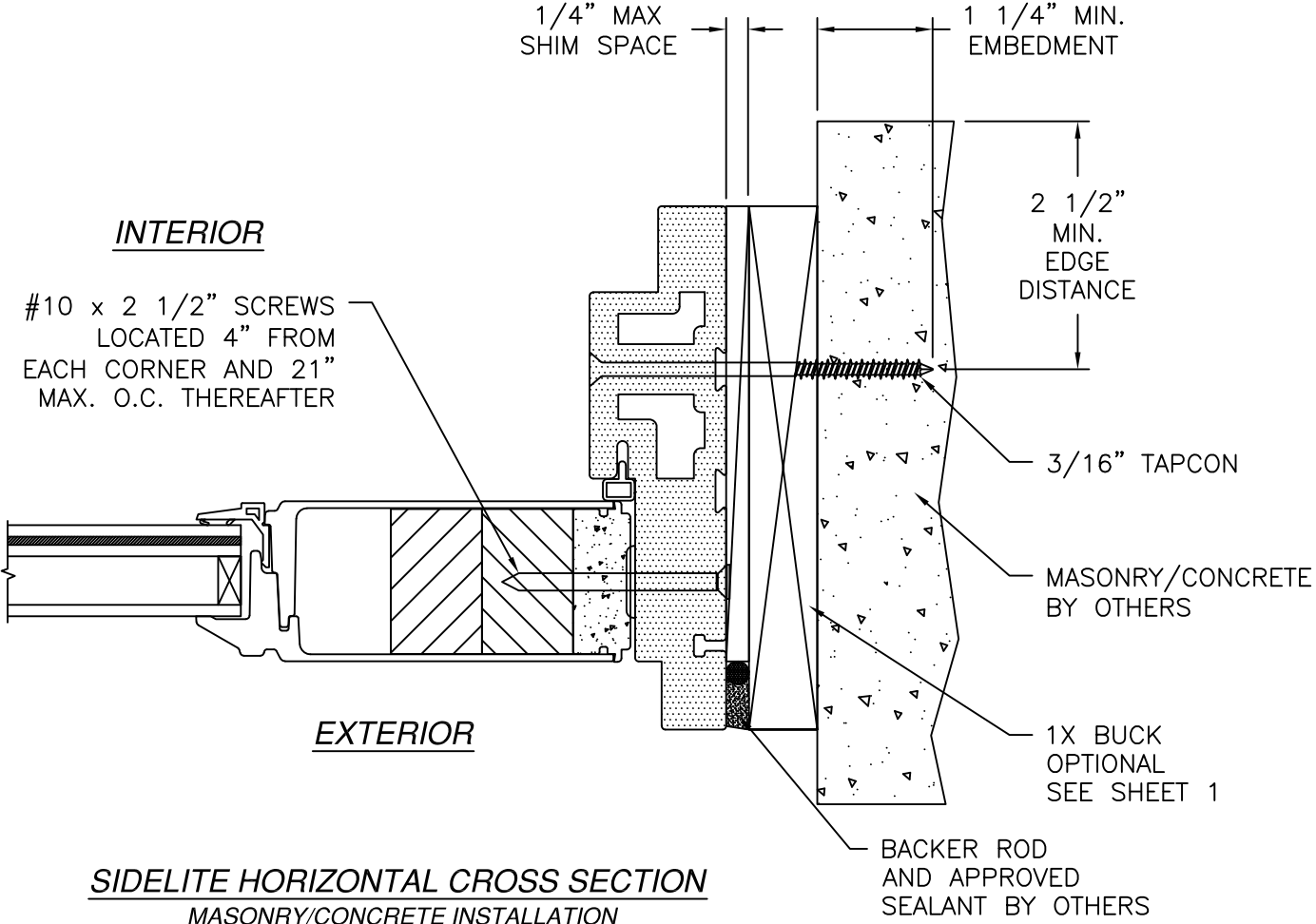
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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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HOUSTON, TX 77029

OUT-SWING ENTRANCE W/ & W/O SIDELITES

FIBERGLASS CLAD

INSTALLATION DETAILS

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DWG NO. 08-02313C

REV C

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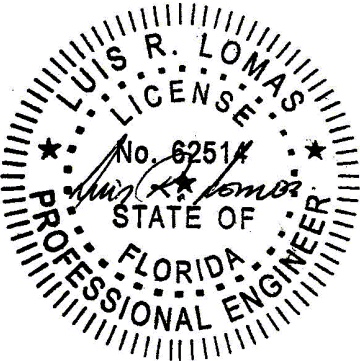
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SHEET 9 OF 11

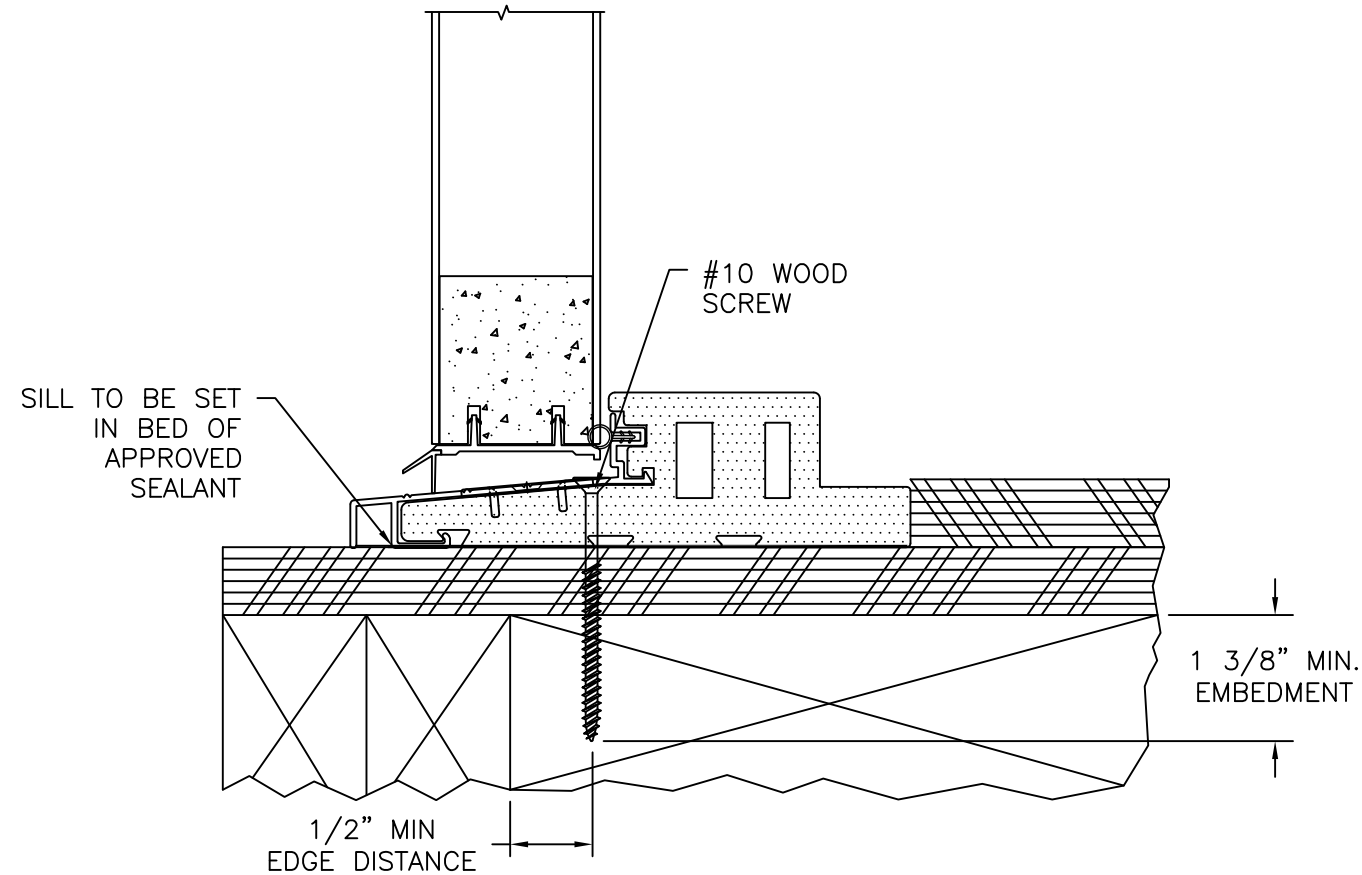
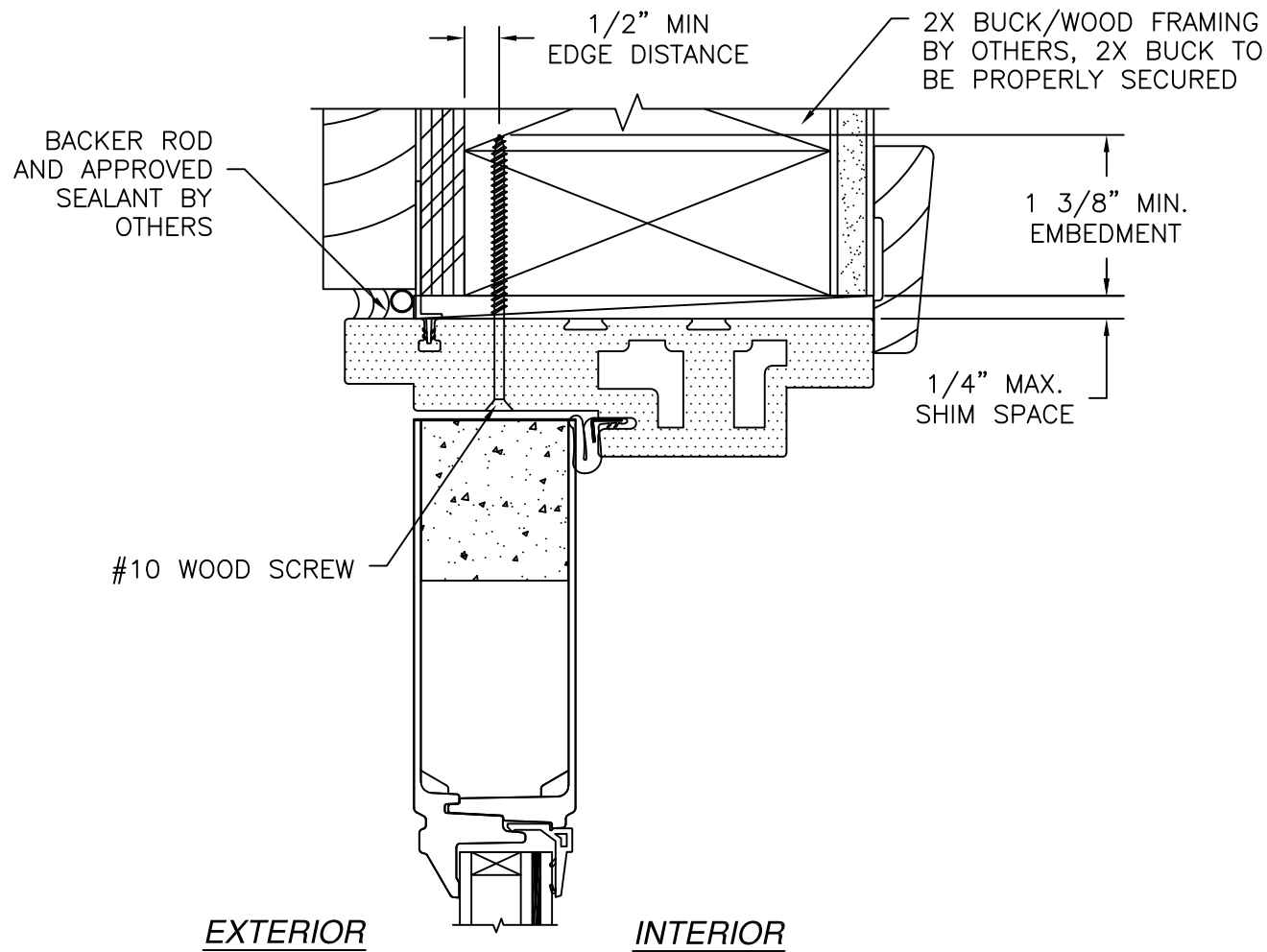
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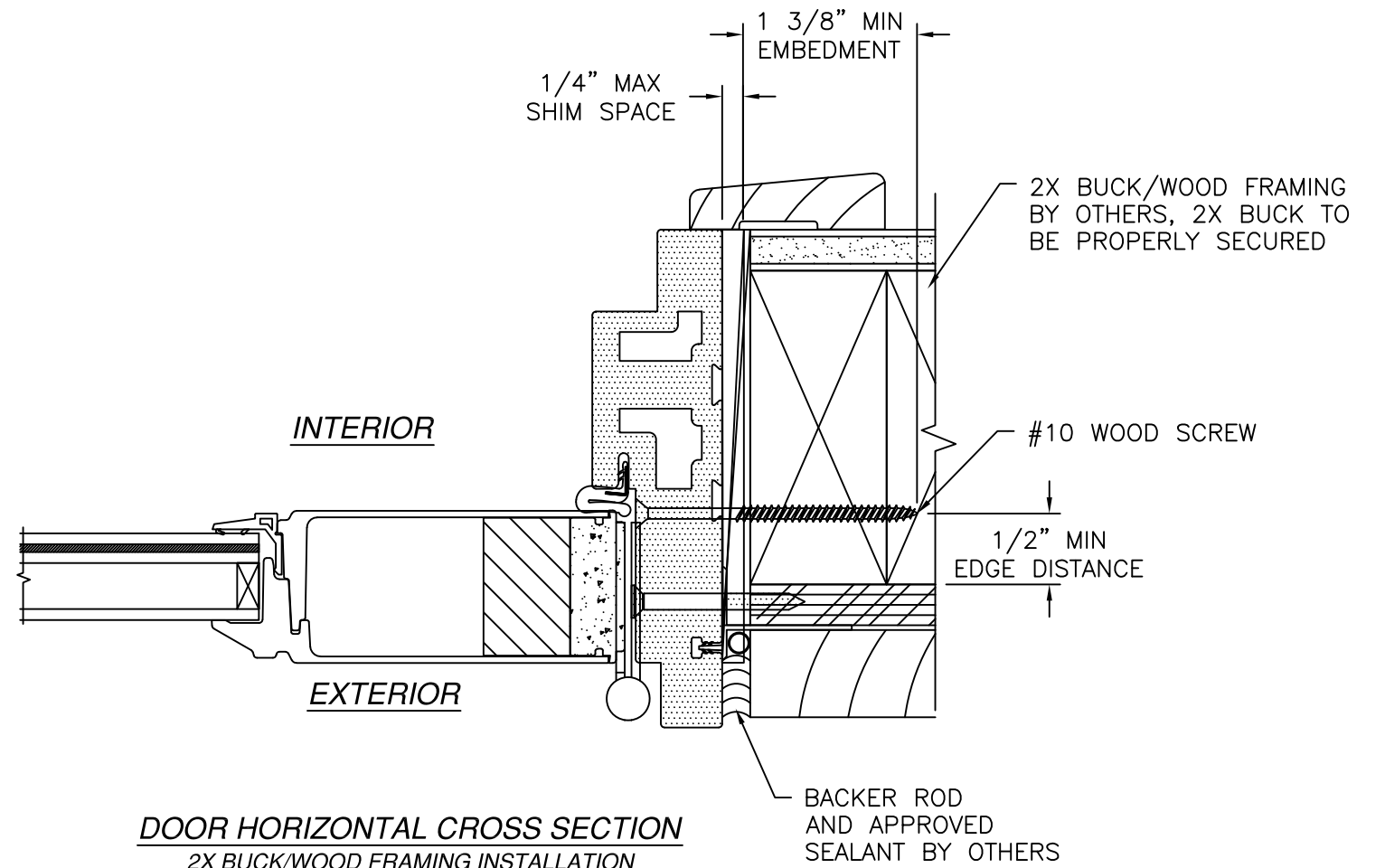
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DOOR VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



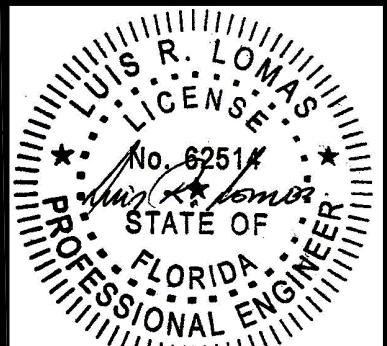
DOOR HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION

- NOTES:**
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OUT-SWING ENTRANCE W/ & W/O SIDELITES FIBERGLASS CLAD INSTALLATION DETAILS		
DRAWN: N.G.	DWG NO. 08-02313C	REV C
SCALE NTS	DATE 04/09/14	SHEET 10 OF 11
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