

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISE TO ADD GLAZING DETAILS	05/19/2025	

- 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" 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. 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 UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
 8. 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 JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM.
 12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM WITH ALUMINUM CLADDING.
 13. DOOR PANEL AND SIDELITE MATERIAL: FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
 14. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
 15. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

16. FOR ANCHORING THROUGH FRAME 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.
17. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" ELCO-CRETE-FLEX 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.
18. FOR ANCHORING THROUGH 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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 2,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .067" THICK MINIMUM
21. APPROVED CONFIGURATIONS: O, X, OX, XO, XX, OXO, XXO, OXX AND OXXO. SEE SHEET 3.
22. HINGE LOCATION: 9", 40 7/8" AND 72 1/2" FROM BOTTOM.

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6 - 13	INSTALLATION DETAILS
14	COMPONENTS

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES

FIBERGLASS GLAZED NON-IMPACT

NOTES

DRAWN: A.R.

DWG NO. 08-03401

REV A

SCALE NTS

DATE 04/01/19

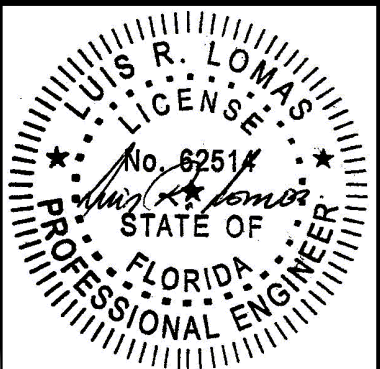
SHEET 1 OF 14

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rlomas@lrlomaspe.com

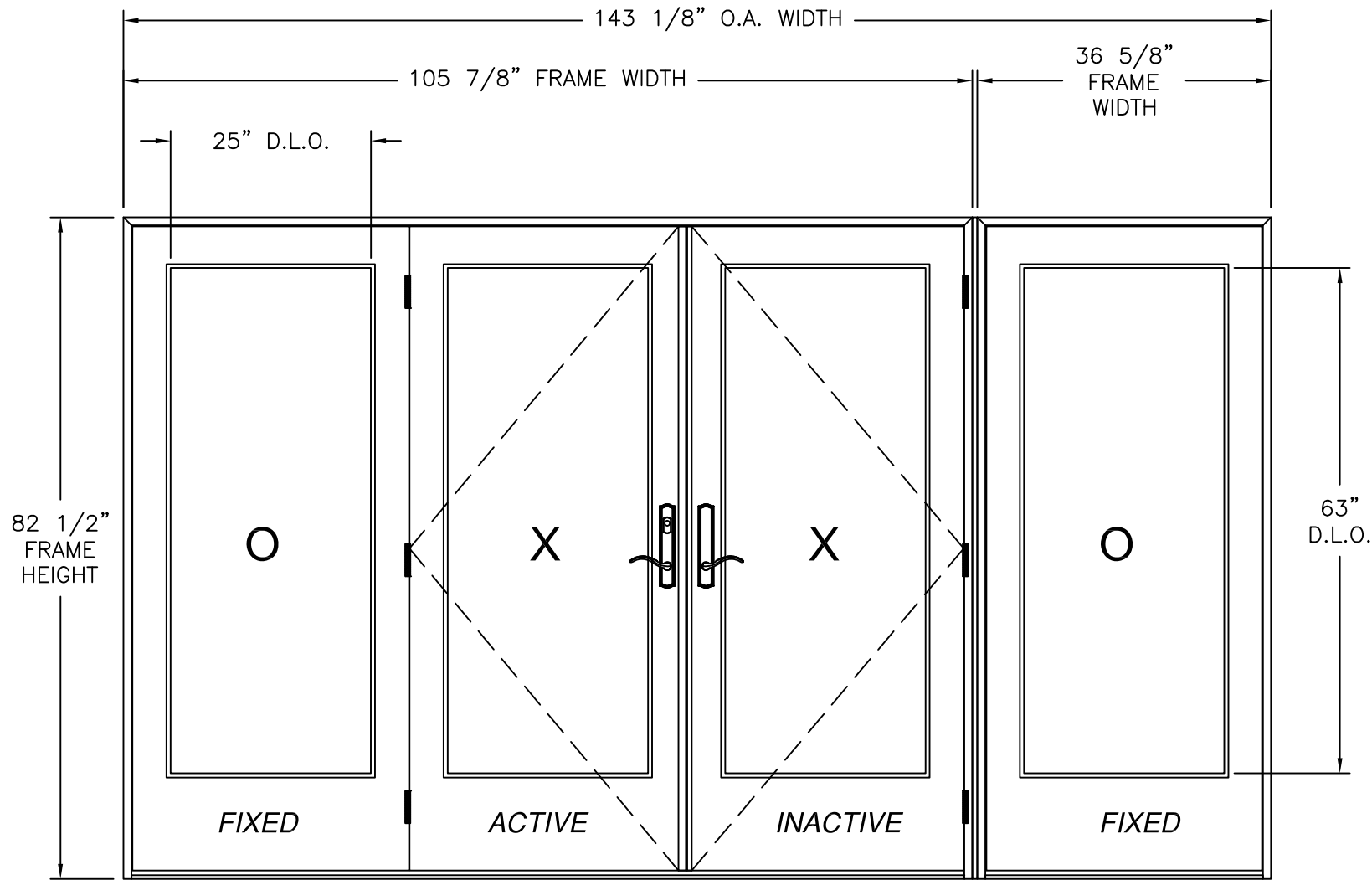
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OUT-SWING ENTRANCE DOUBLE DOOR W/ SIDELITES
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	NONE

34 1/2" X 80 5/16" PANELS SHOWN. OTHER PANEL SIZES ARE APPROVED
AS LONG AS PANEL AREA DOES NOT EXCEED 19.24 FT²

NOTES:
1. PANEL SIZE: 34 1/2" X 80 5/16"

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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED NON-IMPACT
ELEVATION

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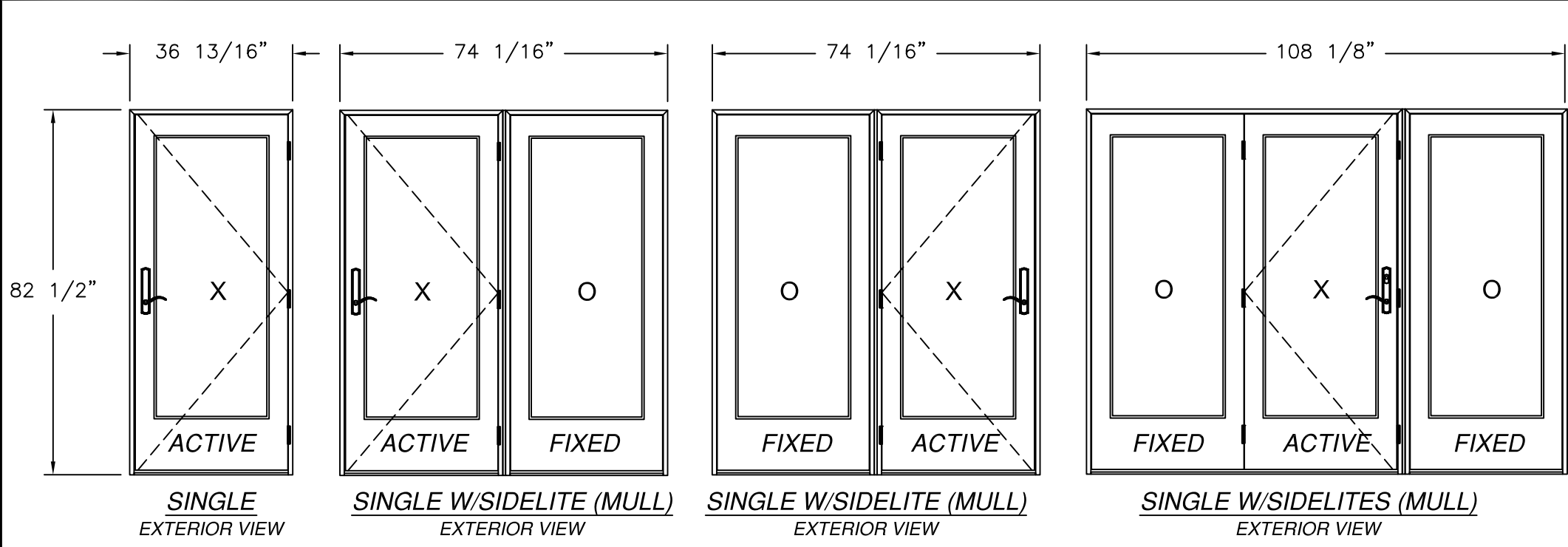
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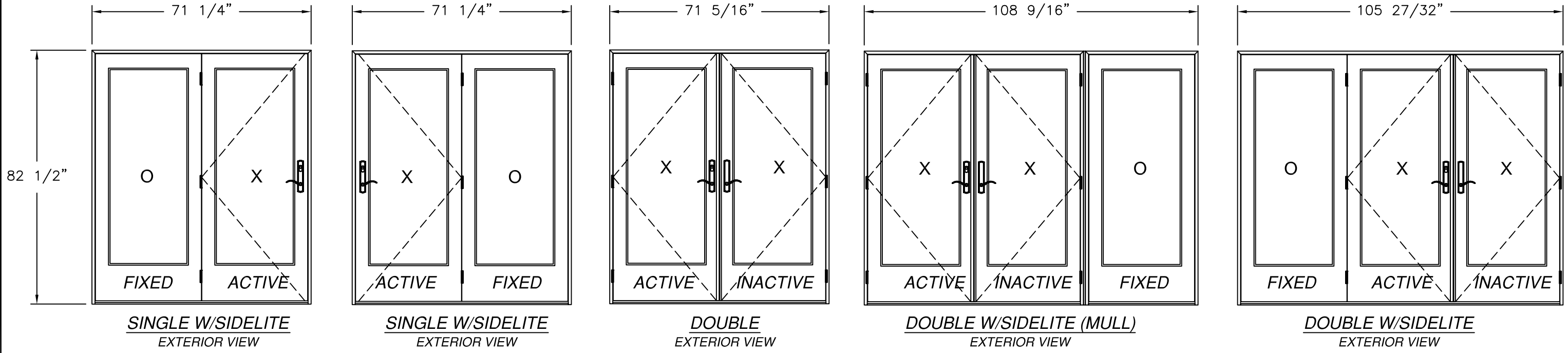
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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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

NAN YA PLASTICS CORP. USA
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED NON-IMPACT
APPROVED CONFIGURATIONS

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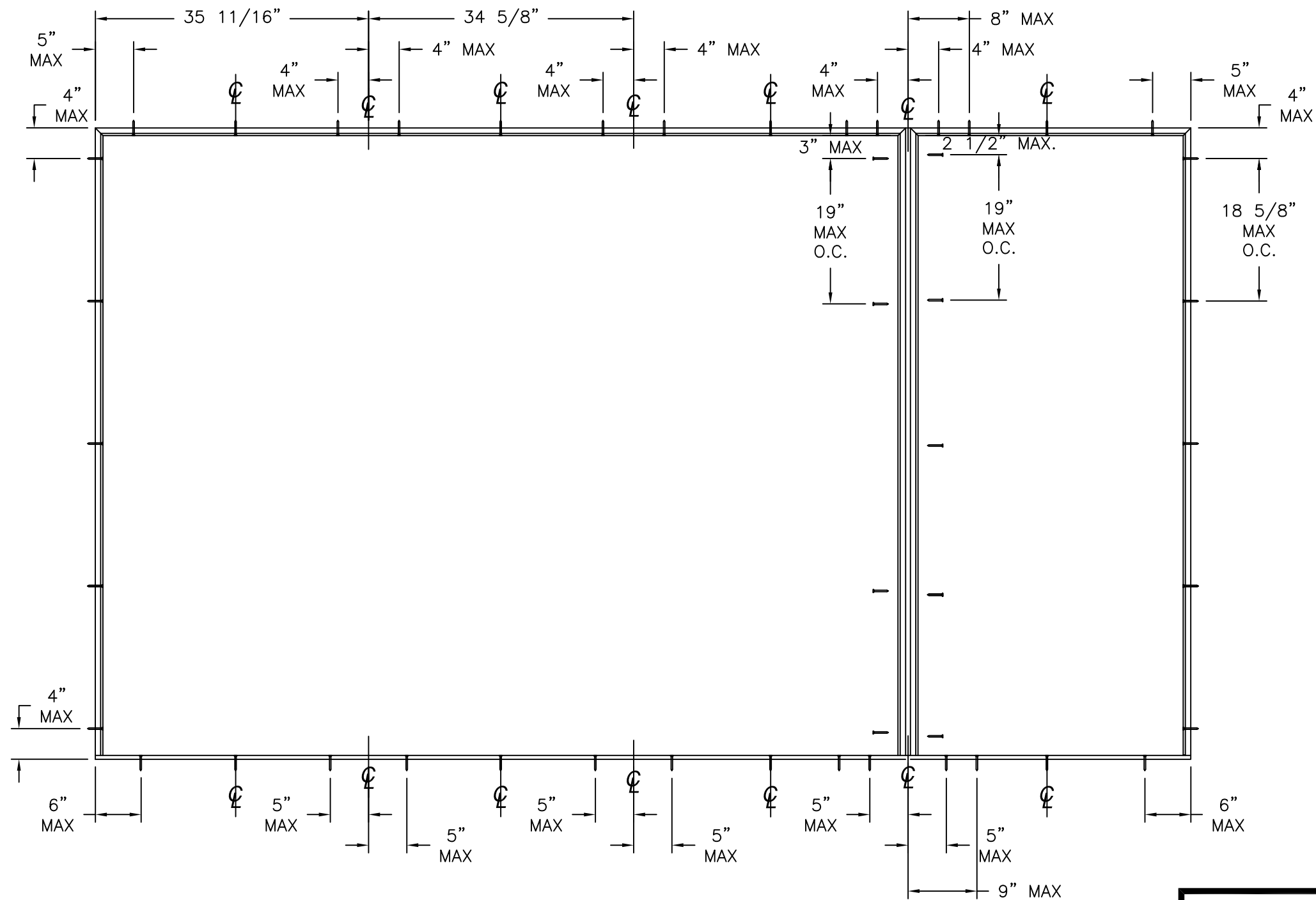
SHEET
3 OF 14

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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

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ANCHORING LAYOUT

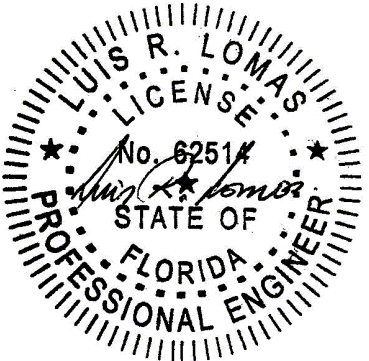
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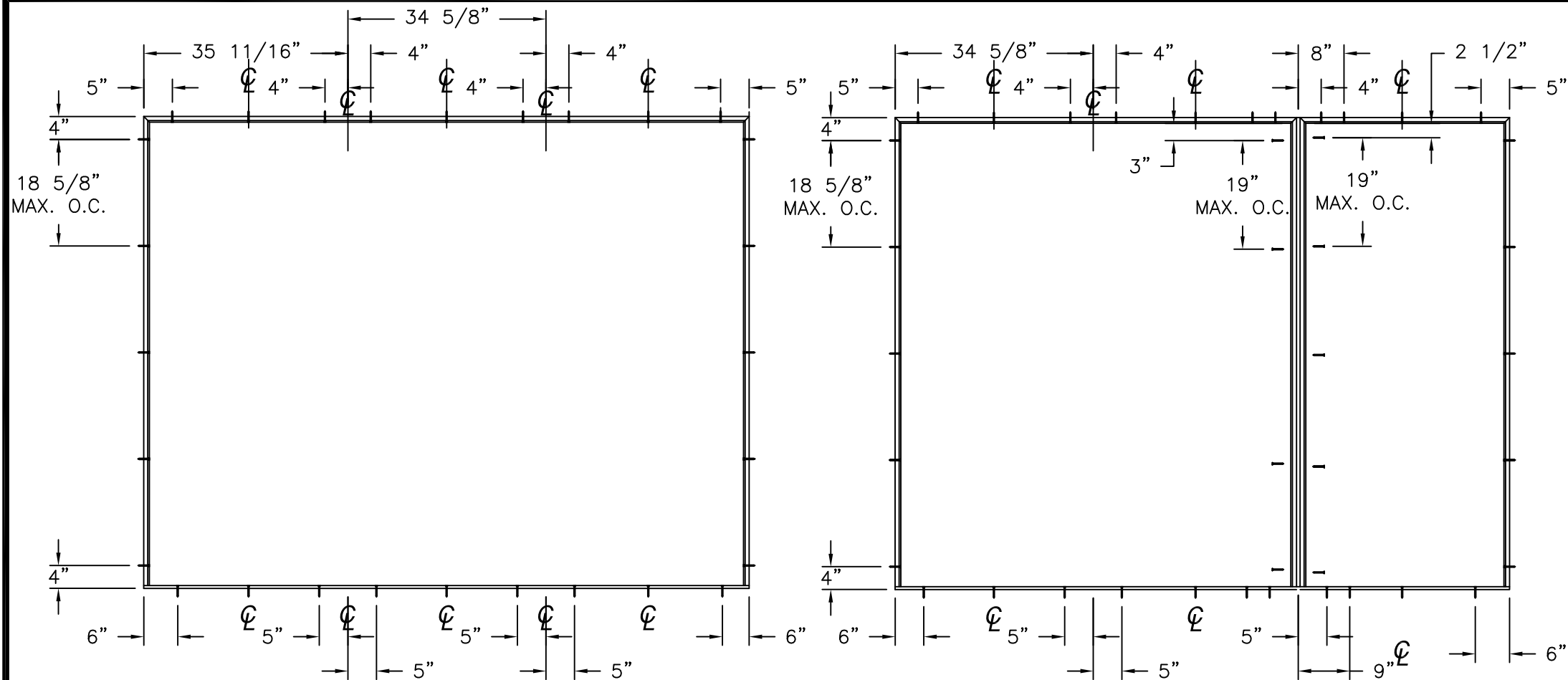
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ANCHORING LAYOUT

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434-688-0609 rllomas@lrlomaspe.com

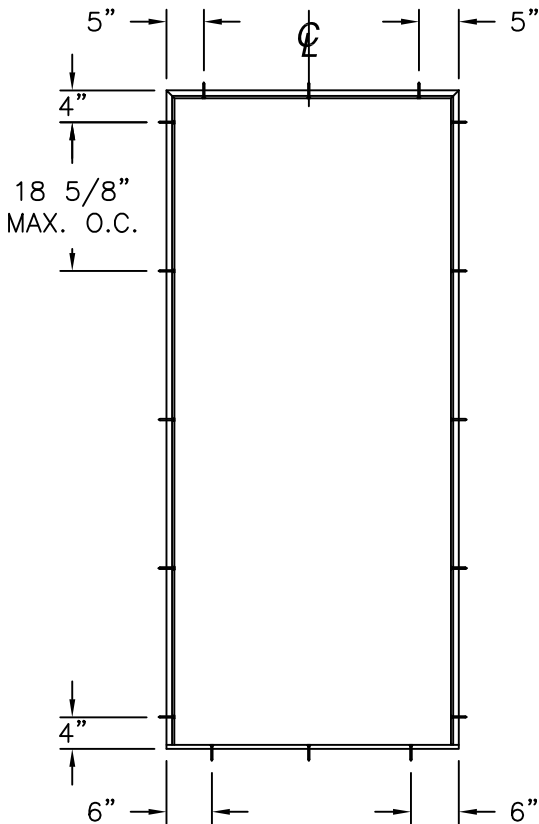


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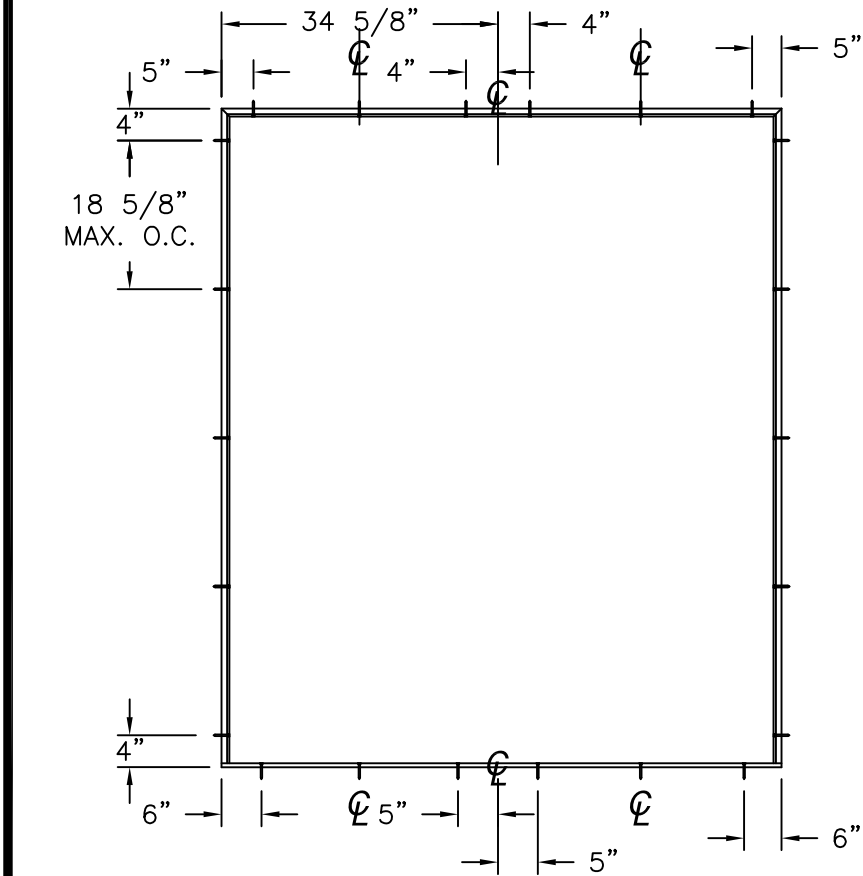


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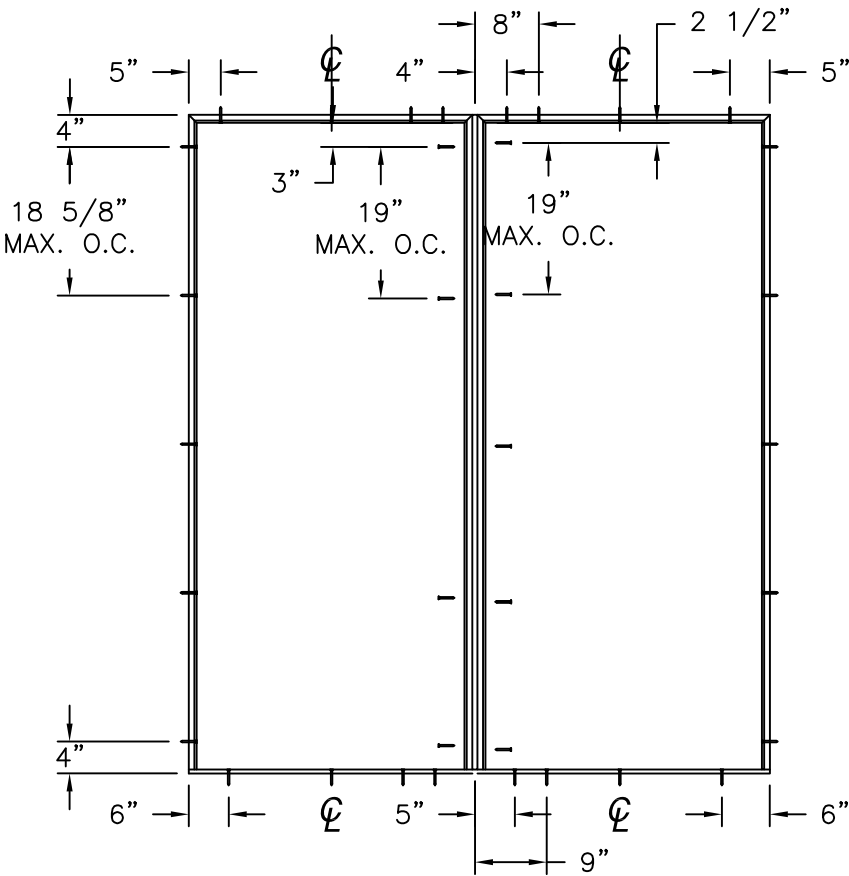
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR X



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)

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FIBERGLASS GLAZED NON-IMPACT
ANCHORING LAYOUTS

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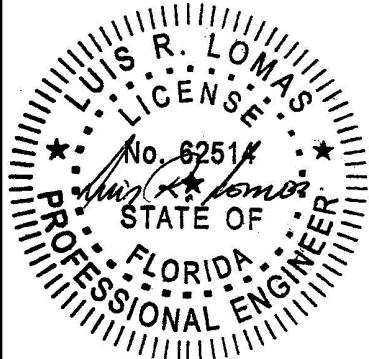
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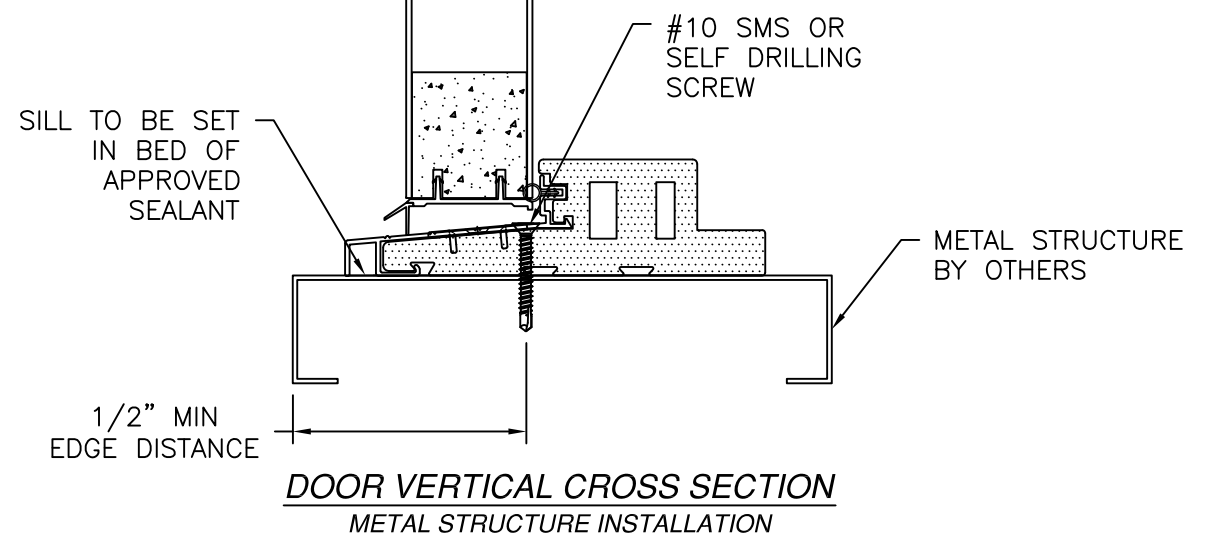
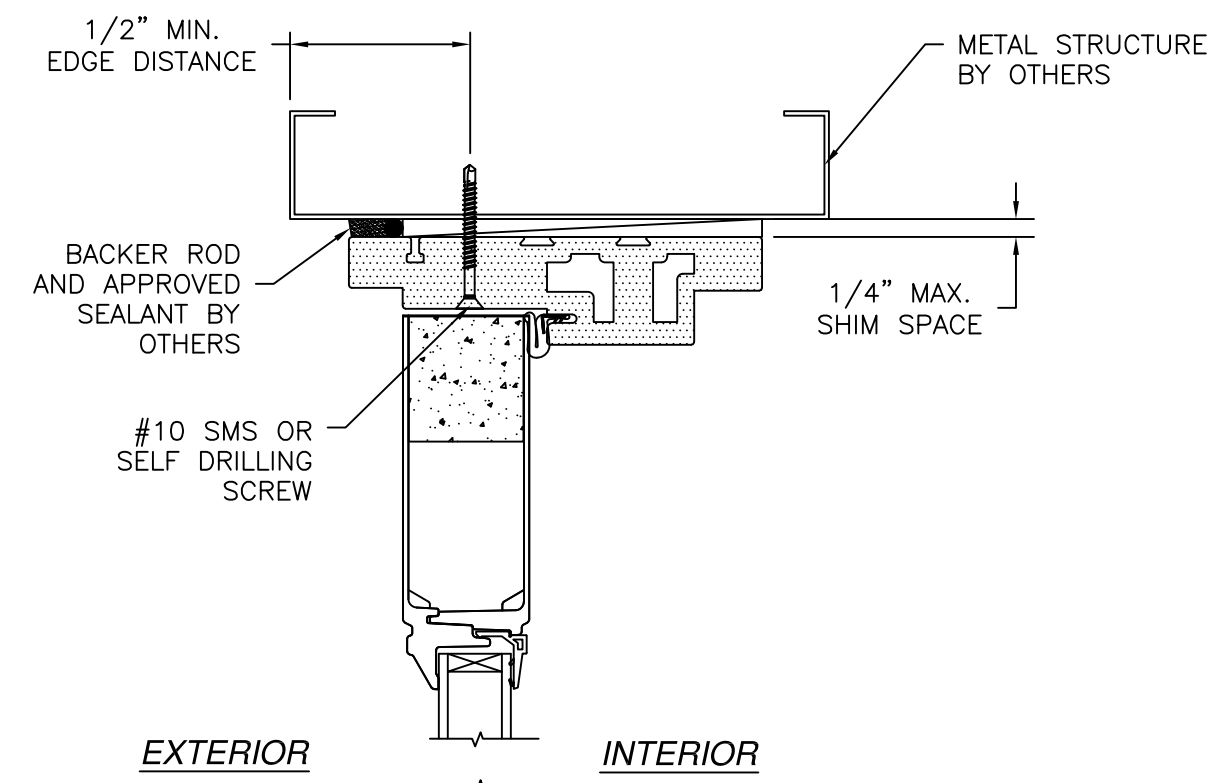
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208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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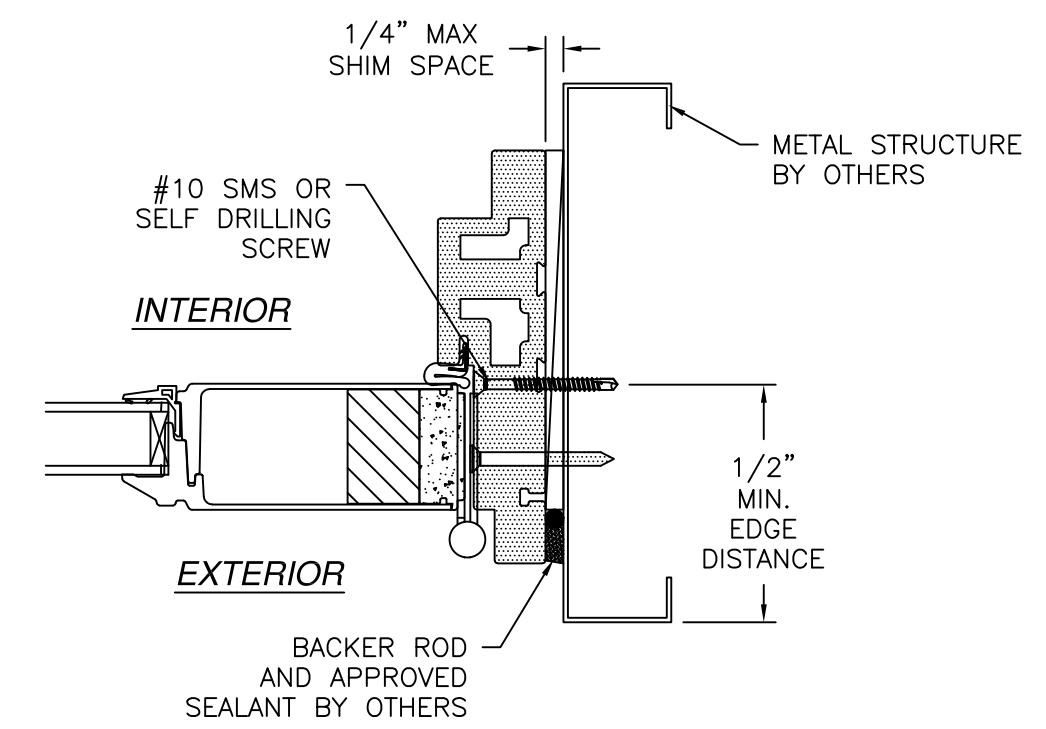


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DOOR VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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DOOR HORIZONTAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- NOTES:
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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HOUSTON, TX 77029

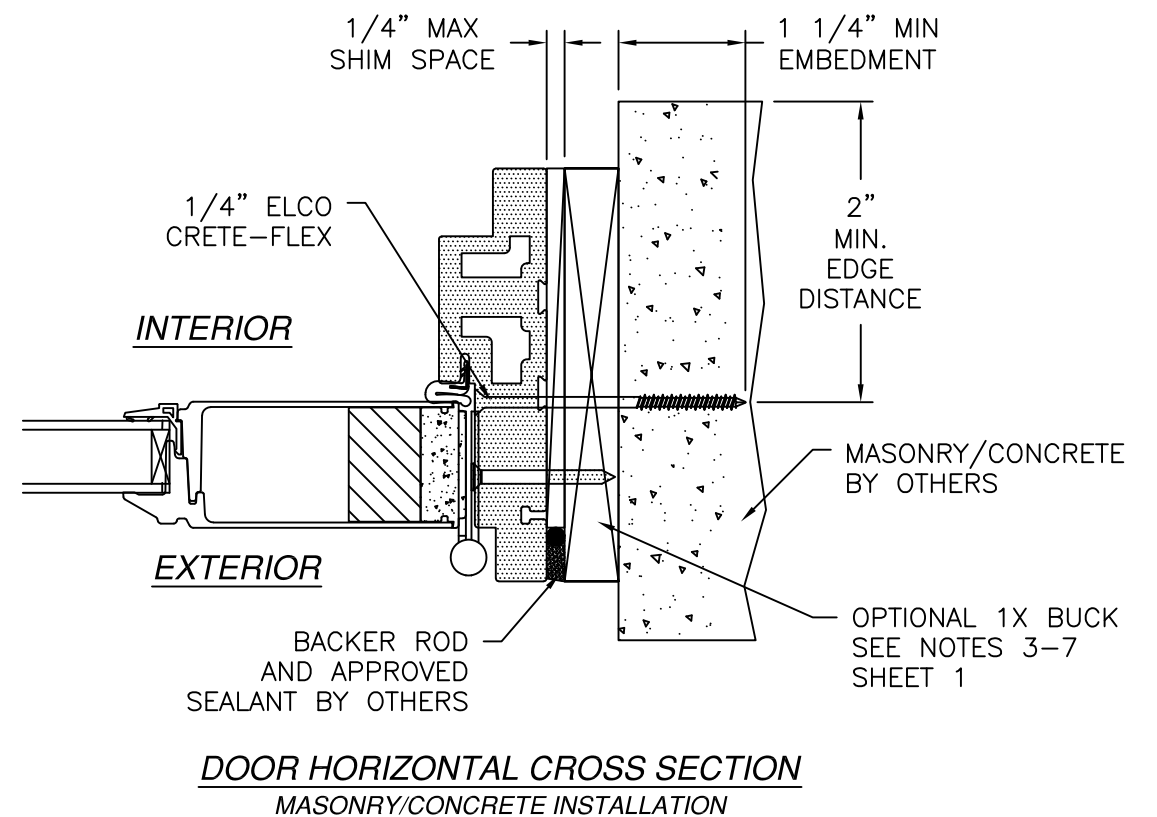
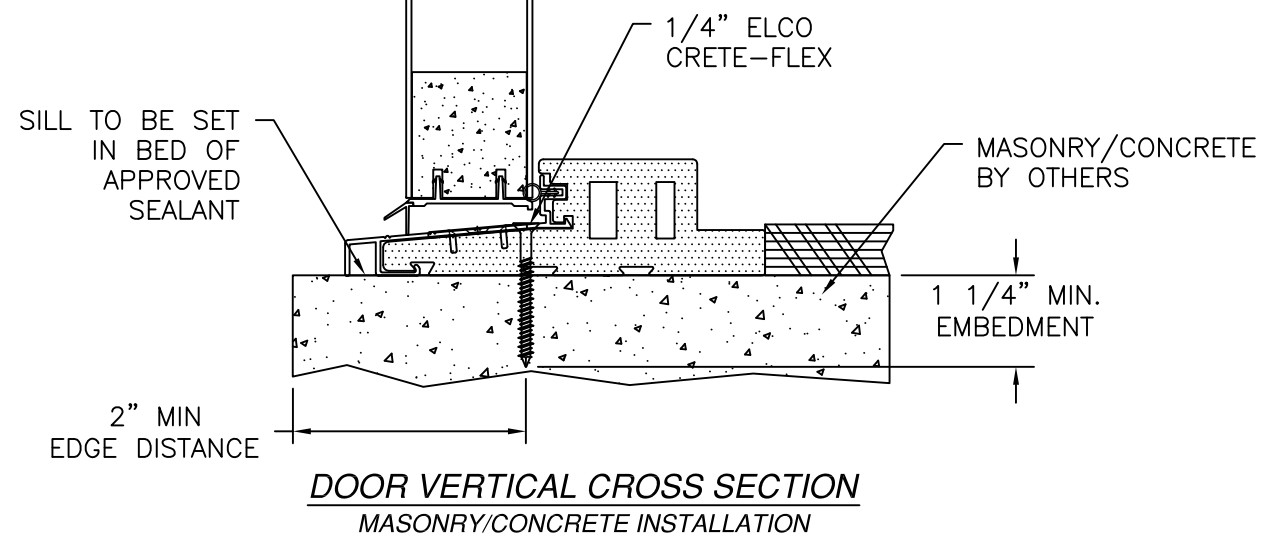
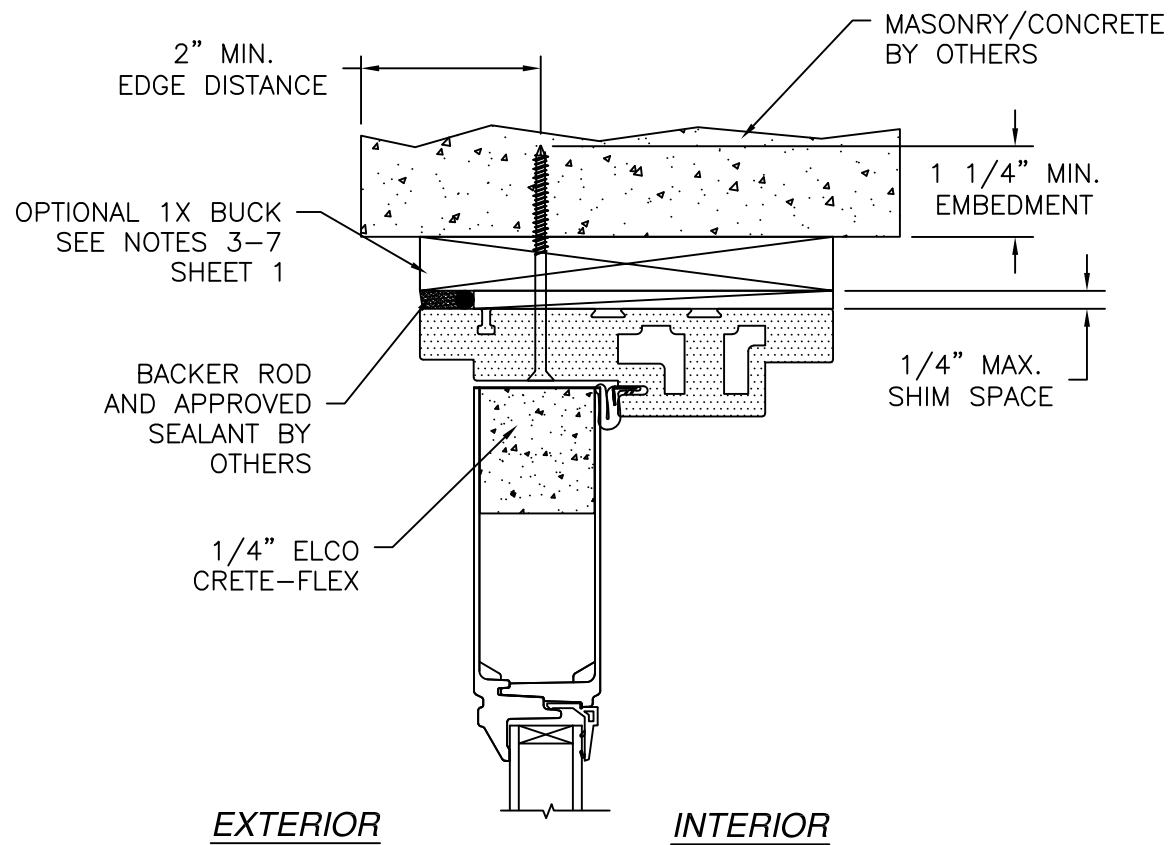
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED NON-IMPACT
DOOR INSTALLATION DETAILS

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L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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LICENSE
No. 62514
STATE OF
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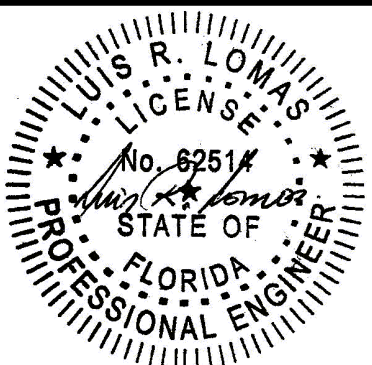
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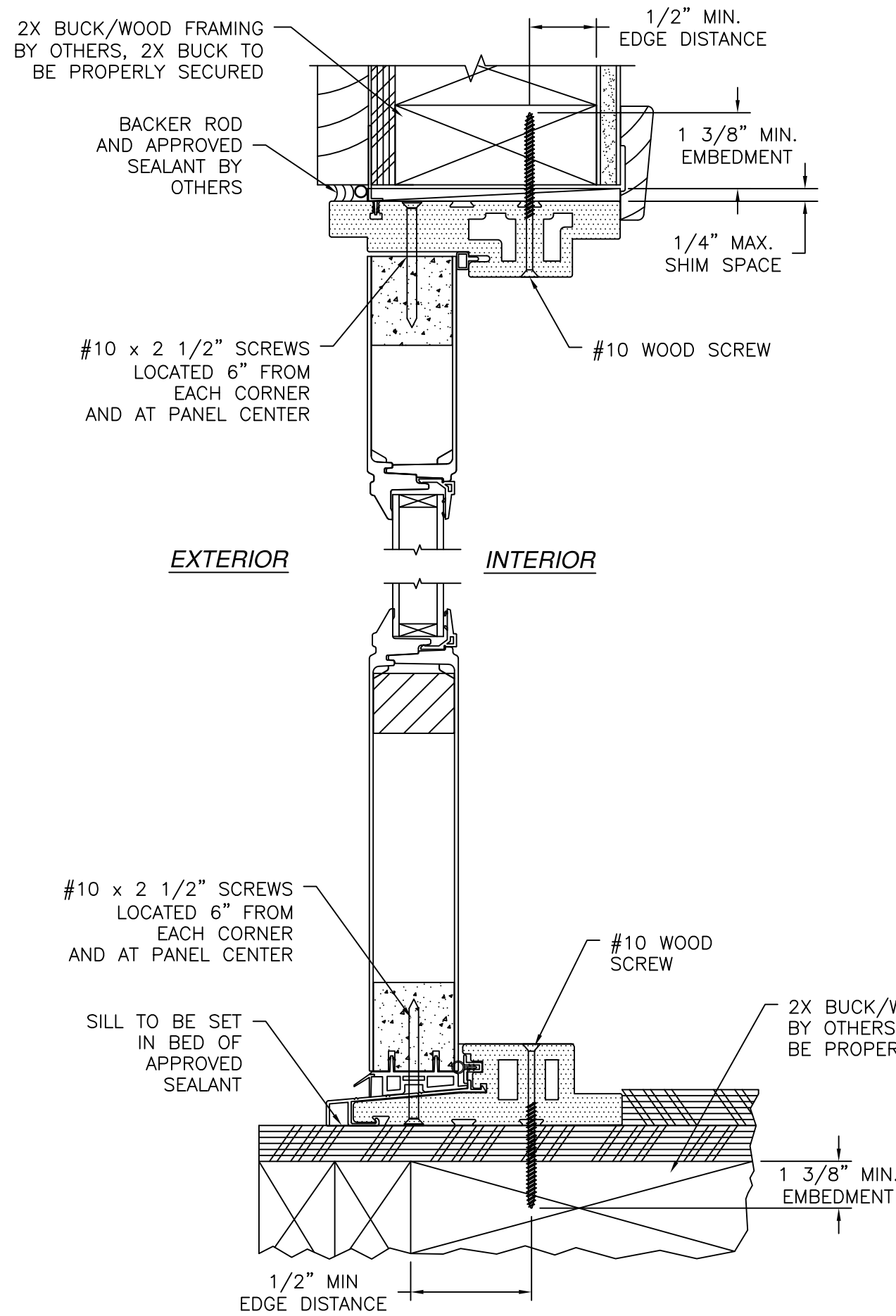
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS GLAZED NON-IMPACT DOOR INSTALLATION DETAILS		
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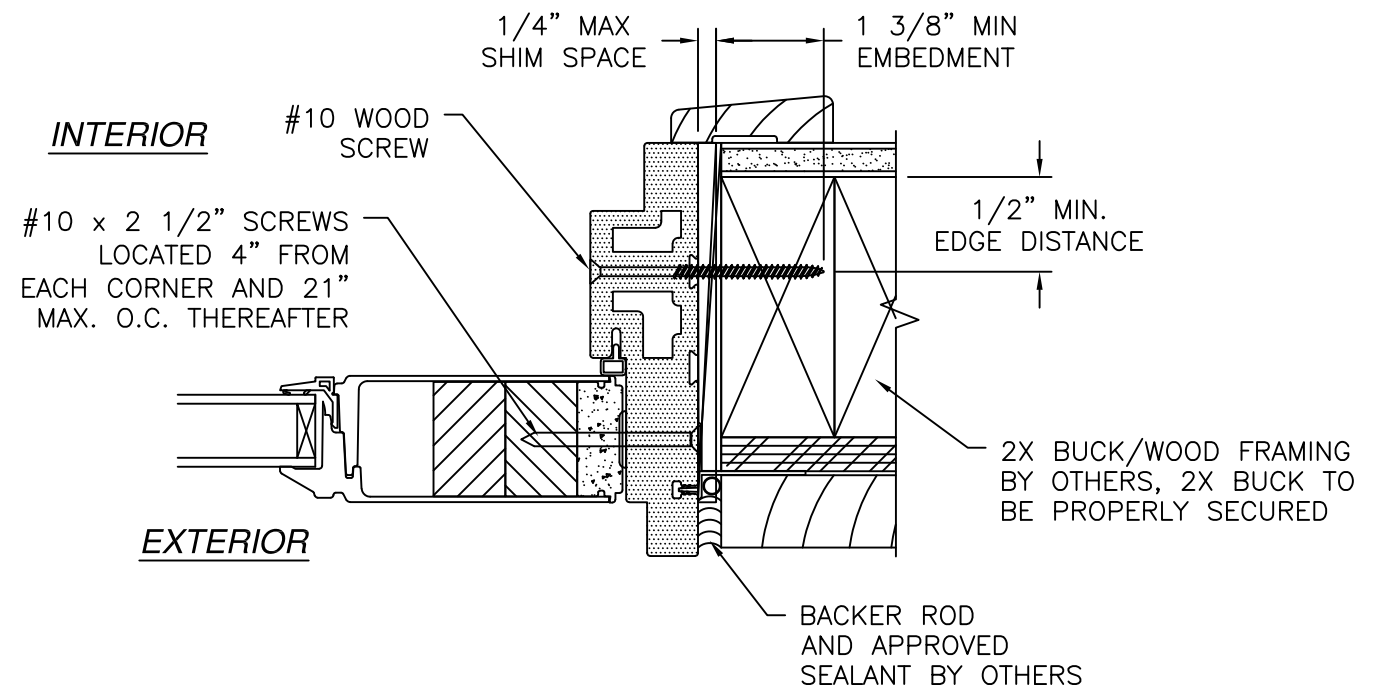


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SIDELITE VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION

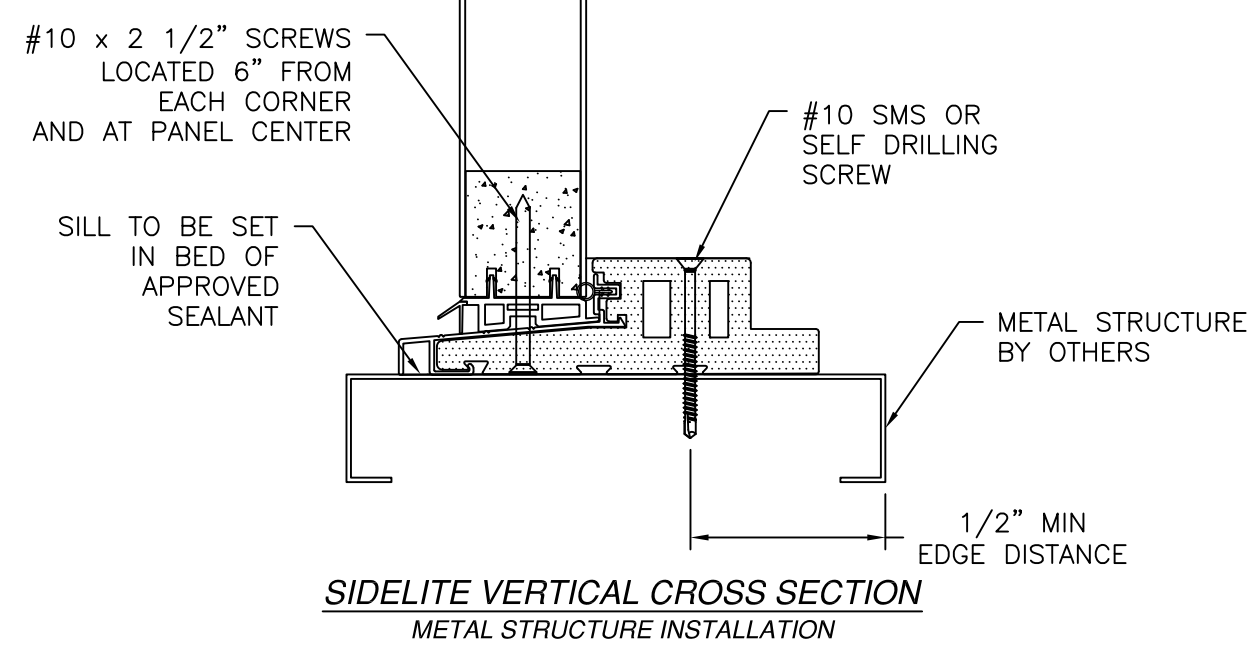
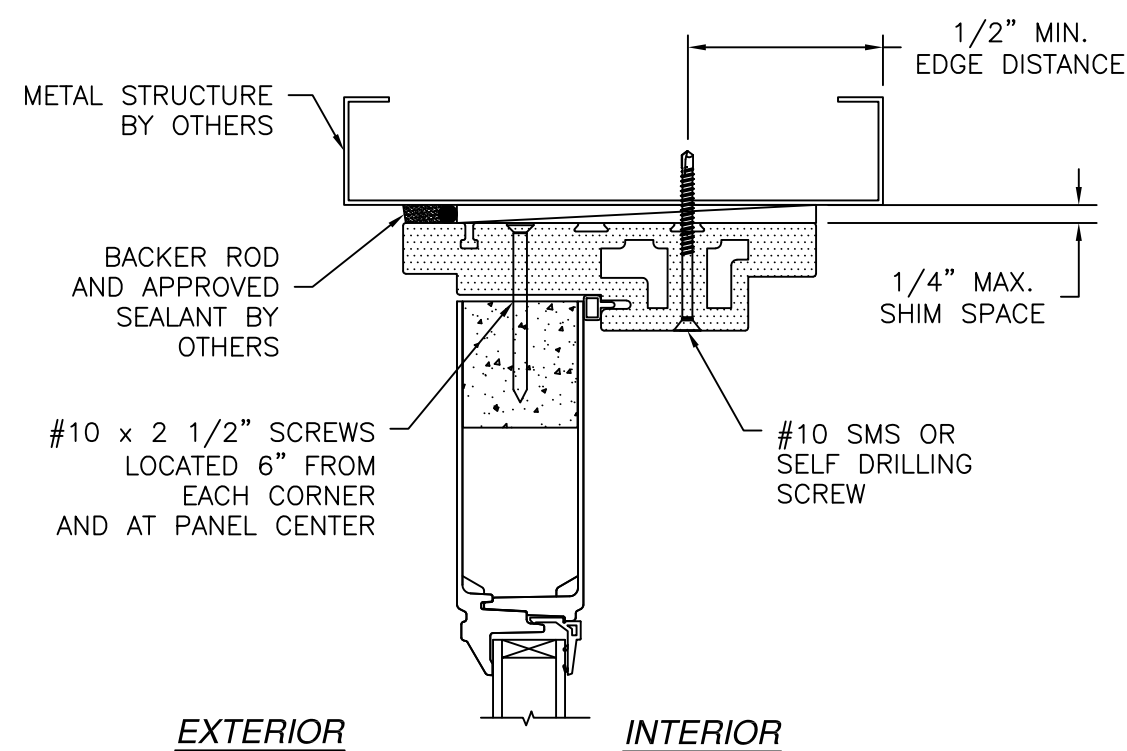
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OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS GLAZED NON-IMPACT SIDELITE INSTALLATION DETAIL		
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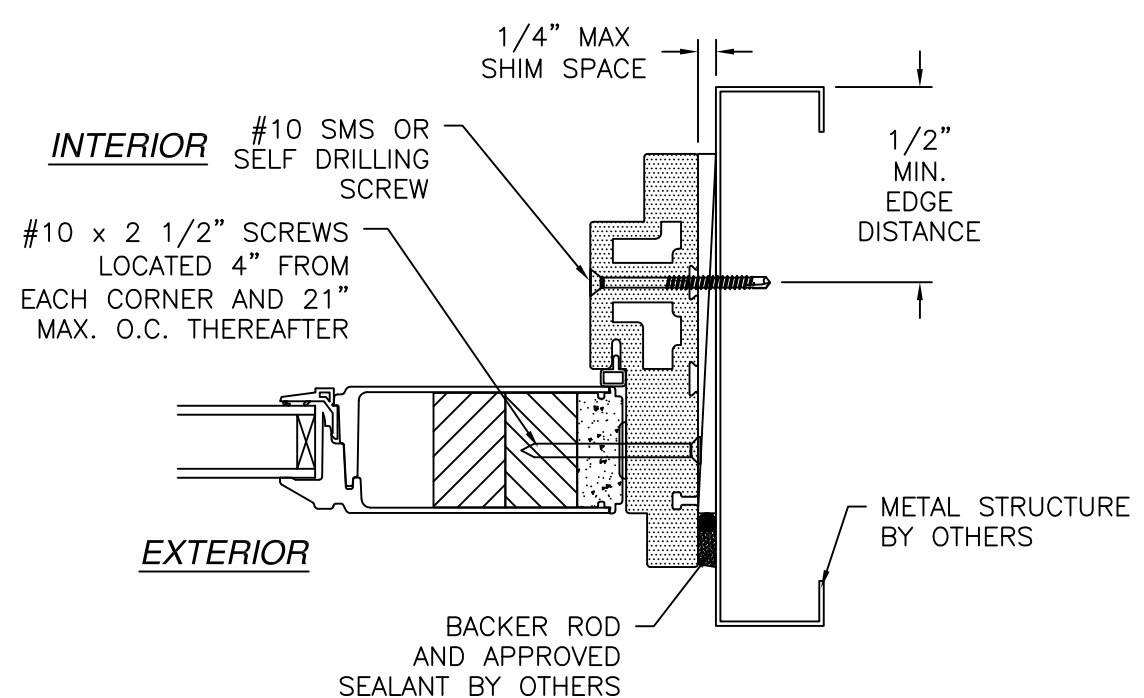
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SIDELITE VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
METAL STRUCTURE INSTALLATION

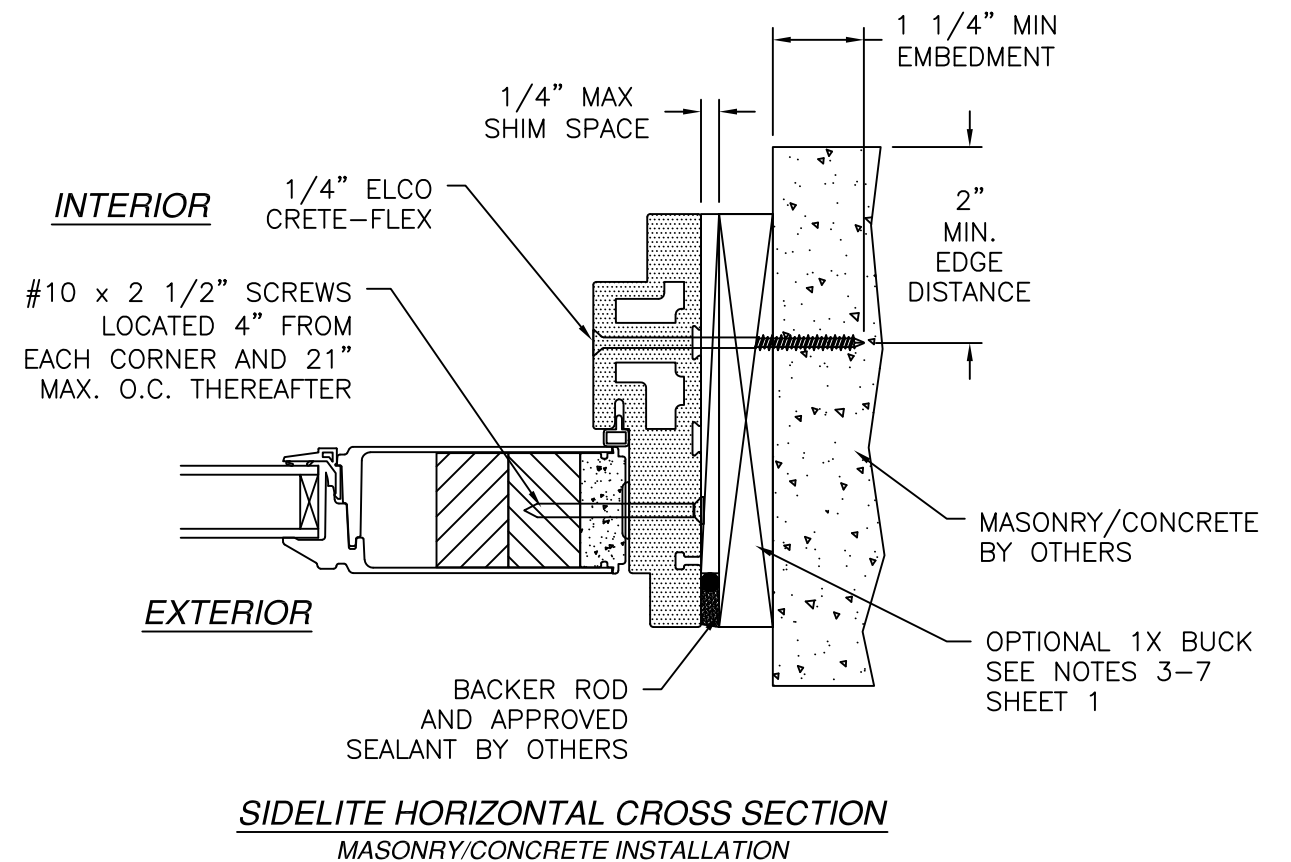
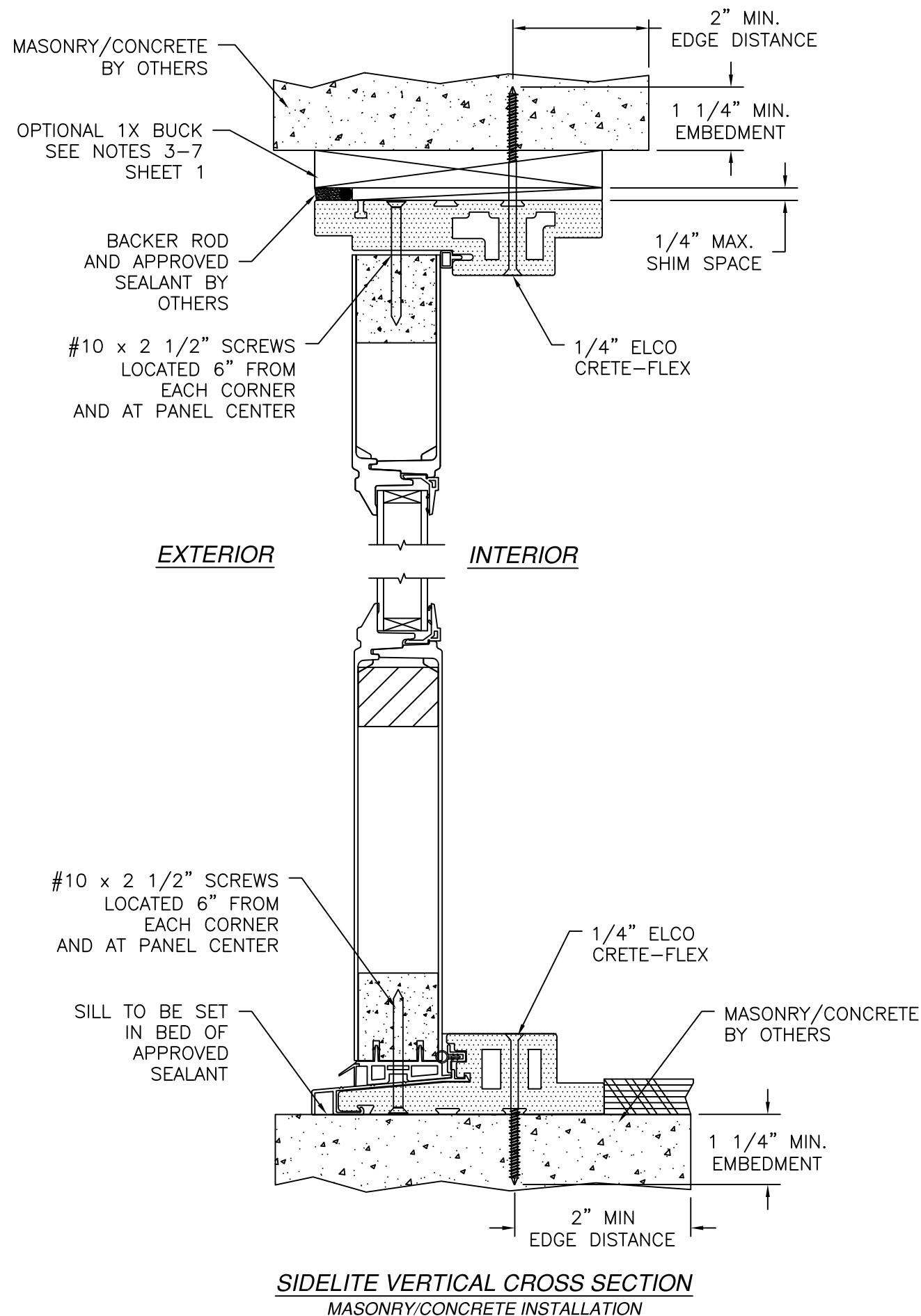
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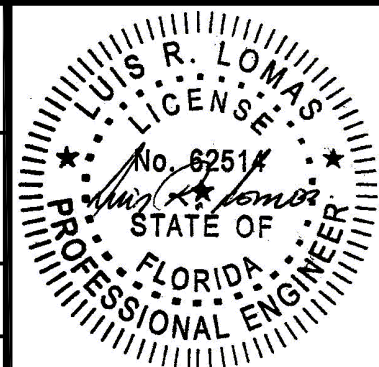
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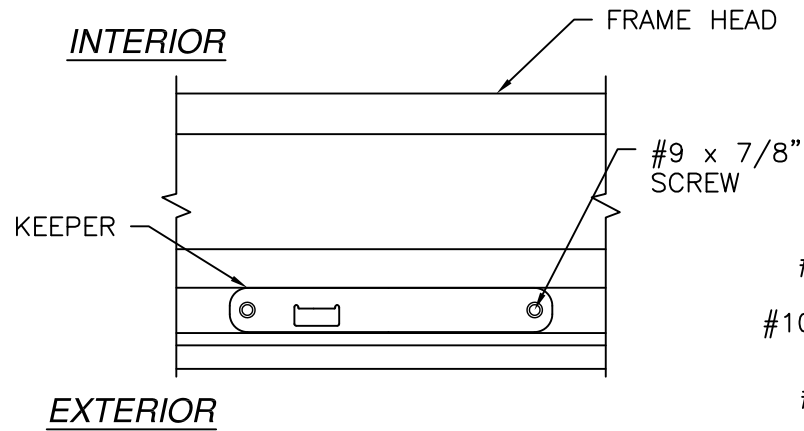
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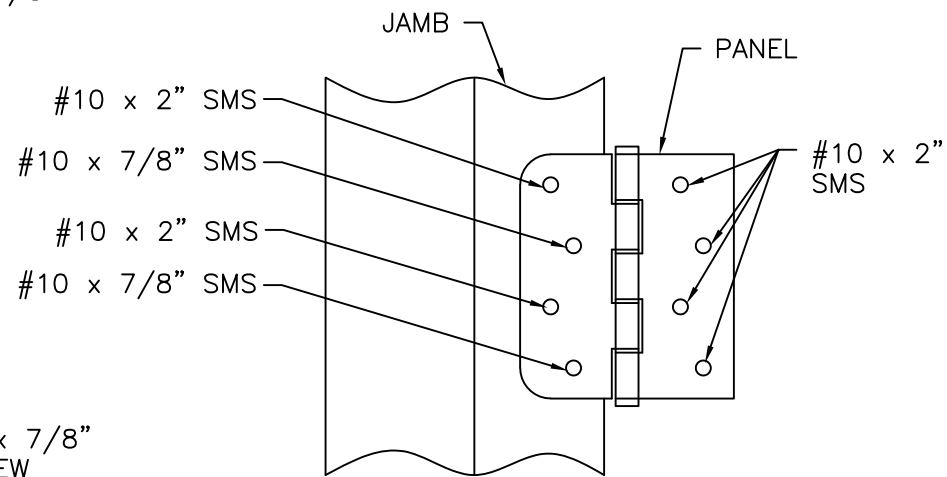


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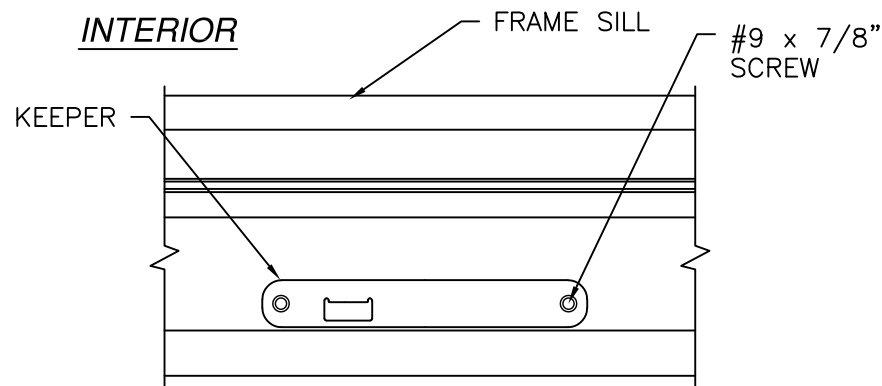
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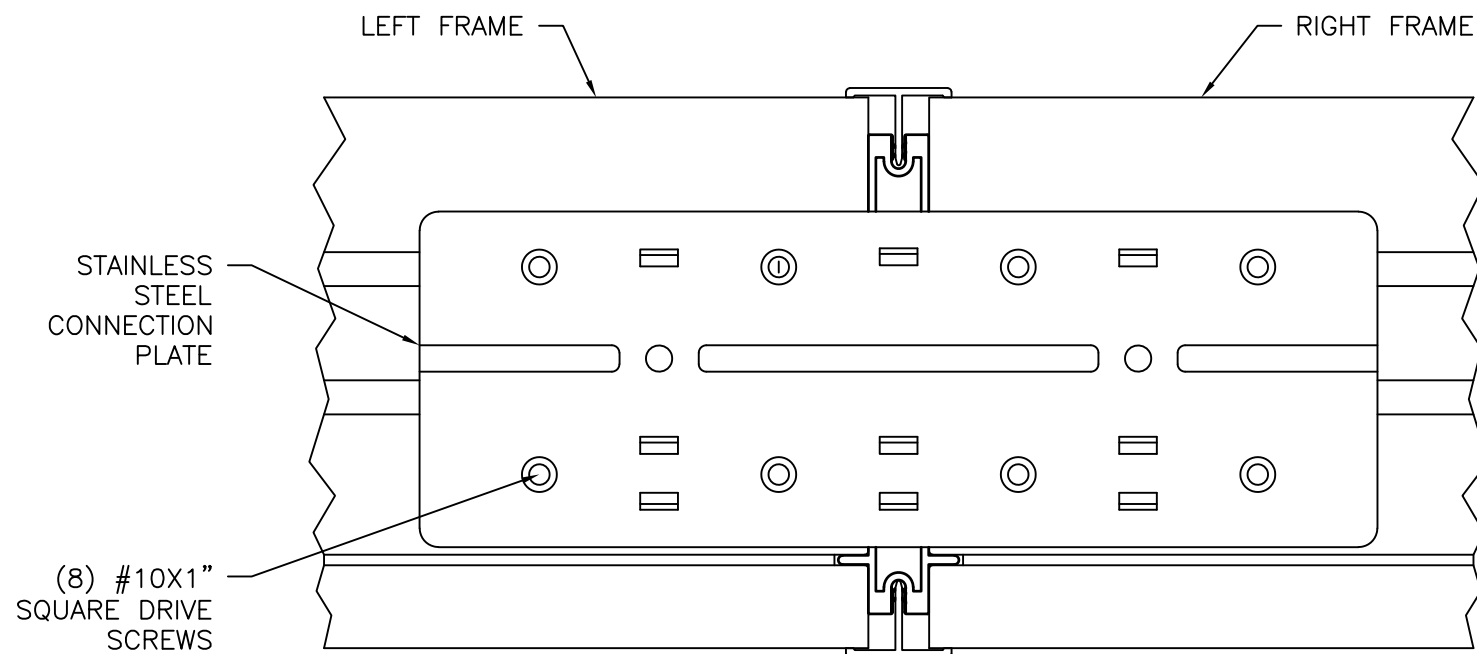
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HINGE INSTALLATION DETAIL

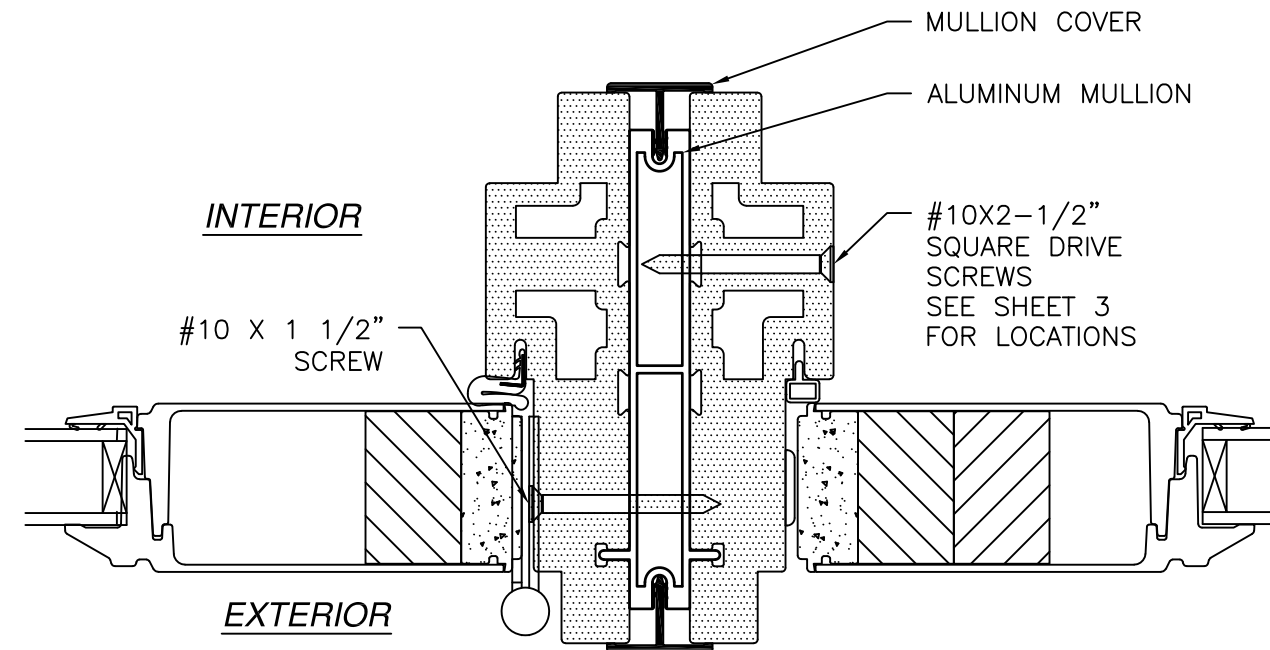


SILL KEEPER DETAIL



FRAME CONNECTION DETAIL

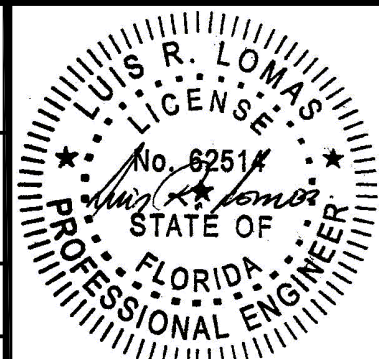
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