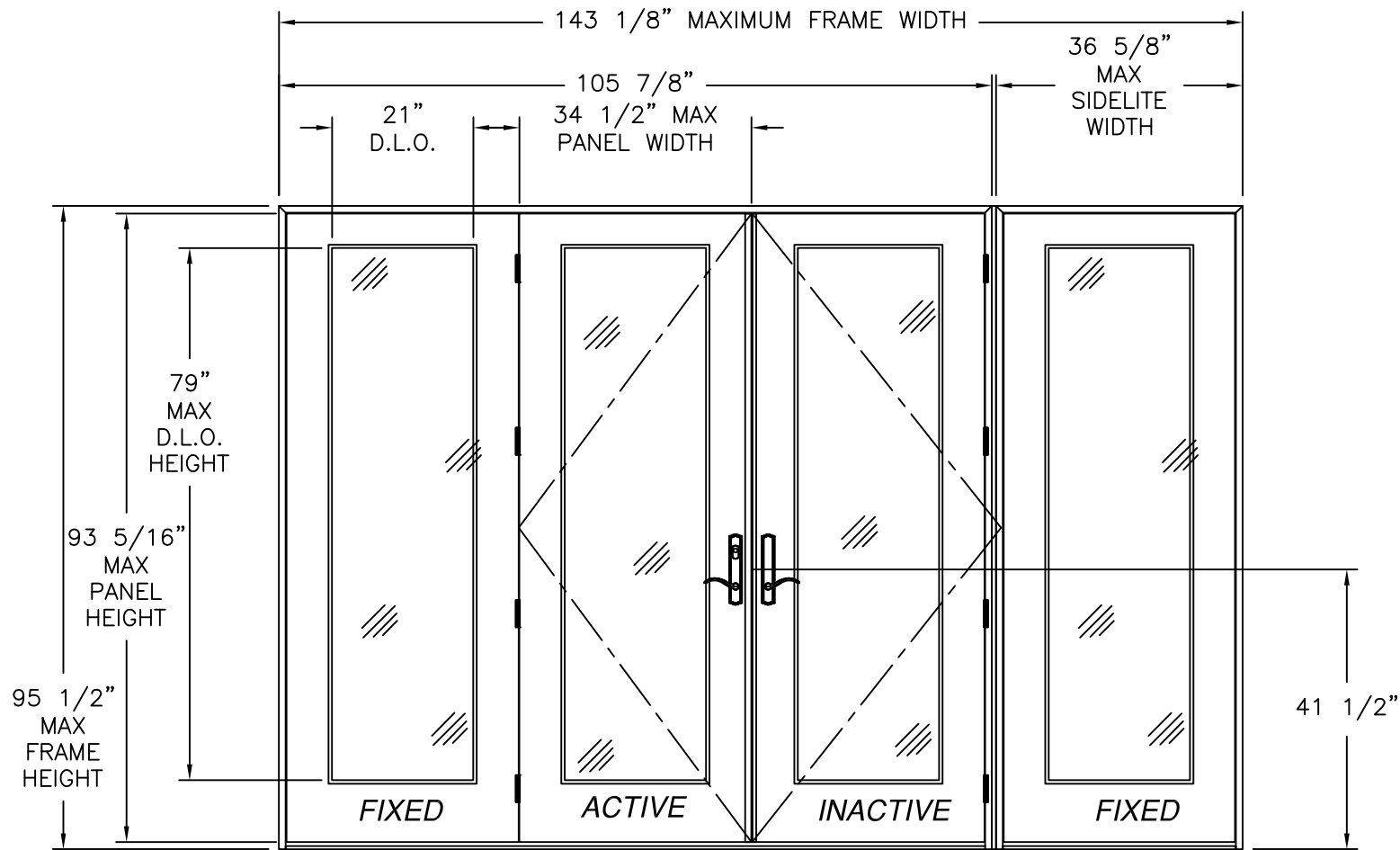




SERIES SLPS 8'0 HEIGHT OUT-SWING PATIO DOOR W/ SIDELITES
EXTERIOR VIEW

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

MISSILE LEVEL D, WIND ZONE 4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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- 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. 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, SEE SHEET 5 FOR GLASS DETAILS.
 5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 6. FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
 7. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 2" THICK WITH ALUMINUM CLADDING .063" THICK.
 8. 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.
 9. APPROVED CONFIGURATIONS: O, X, OX, XO, XX, OXO, XXO, OXX AND OXXO. SEE SHEET 2.
 10. HINGES LOCATED AT 8", 33 1/2", 59" AND 84 1/2" FROM BOTTOM OF PANEL

SIGNED: 07/13/2026

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	APPROVED CONFIGURATIONS
3 - 4	ANCHORING LAYOUTS
5	GLAZING DETAILS
6 - 10	INSTALLATION DETAILS

NAN YA PLASTICS CORP. USA

4016 SHADRACK ST.
HOUSTON, TX 77013

SERIES SLPS 8'0" HEIGHT OS PATIO DOOR
FIBERGLASS SIDE HINGED DOOR W/SIDELITES
ELEVATION AND NOTES

DRAWN:
V.L.

DWG NO.
08-02135D

REV
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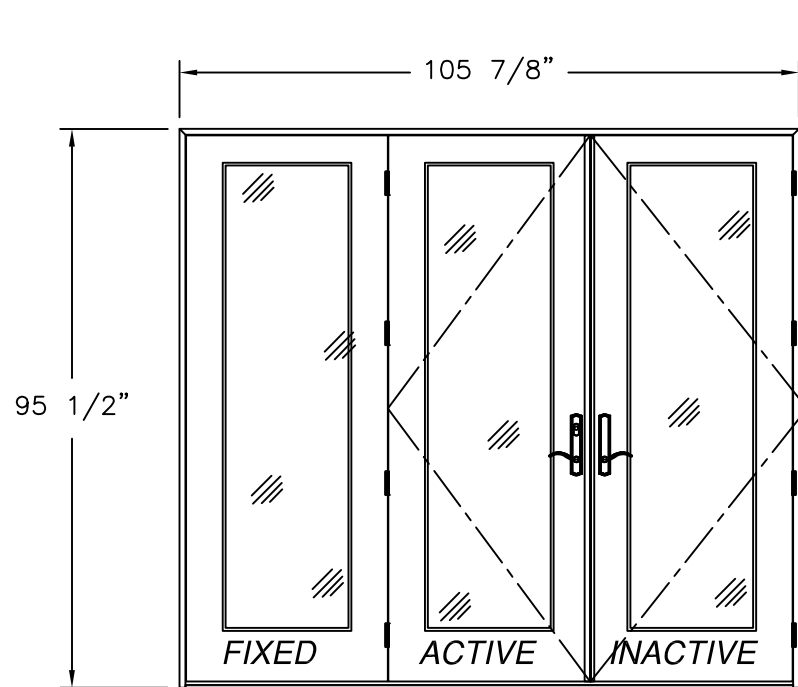
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DATE
07/11/13

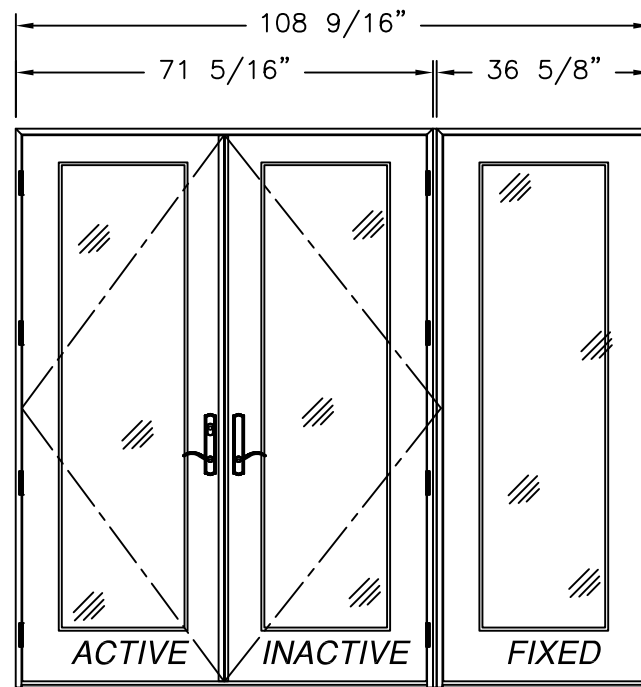
SHEET
1 OF 10

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434-688-0609 rllomas@rlomaspe.com

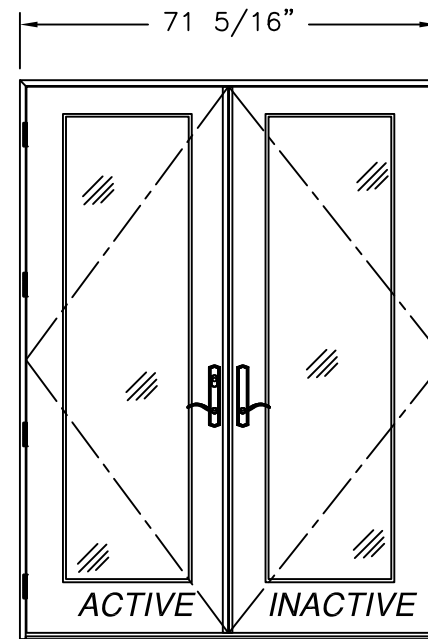
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FL No.: 62514



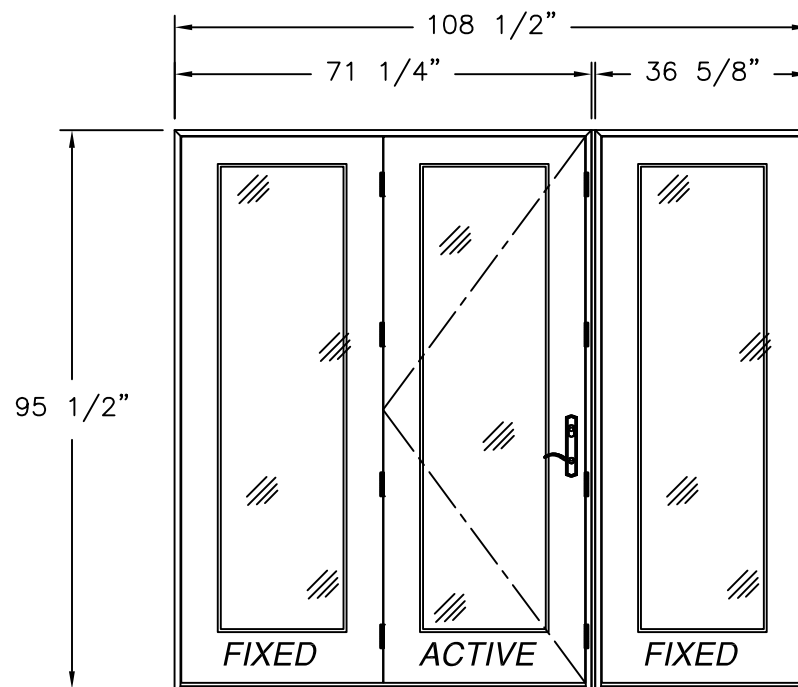
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EXTERIOR VIEW



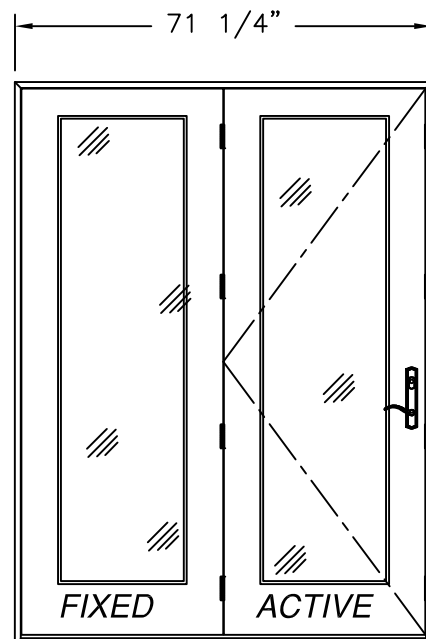
DOUBLE W/SIDELITE (MULL)
EXTERIOR VIEW



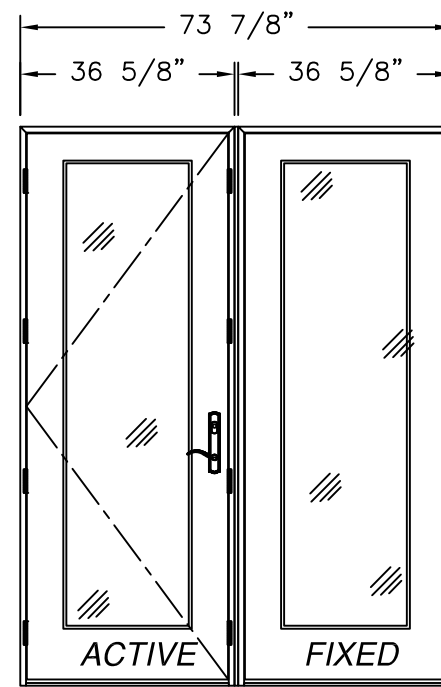
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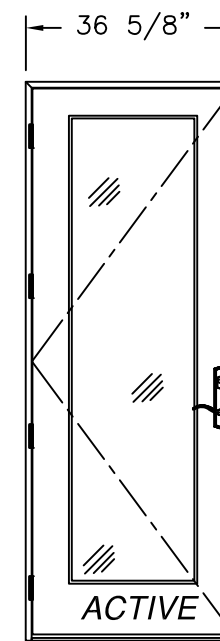
SINGLE W/SIDELITE (MULL)
EXTERIOR VIEW



SINGLE W/SIDELITE
EXTERIOR VIEW



SINGLE W/SIDELITE (MULL)
EXTERIOR VIEW



SINGLE
EXTERIOR VIEW

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

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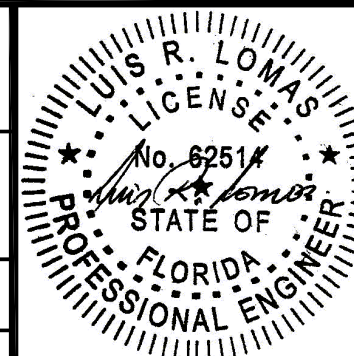
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HOUSTON, TX 77013

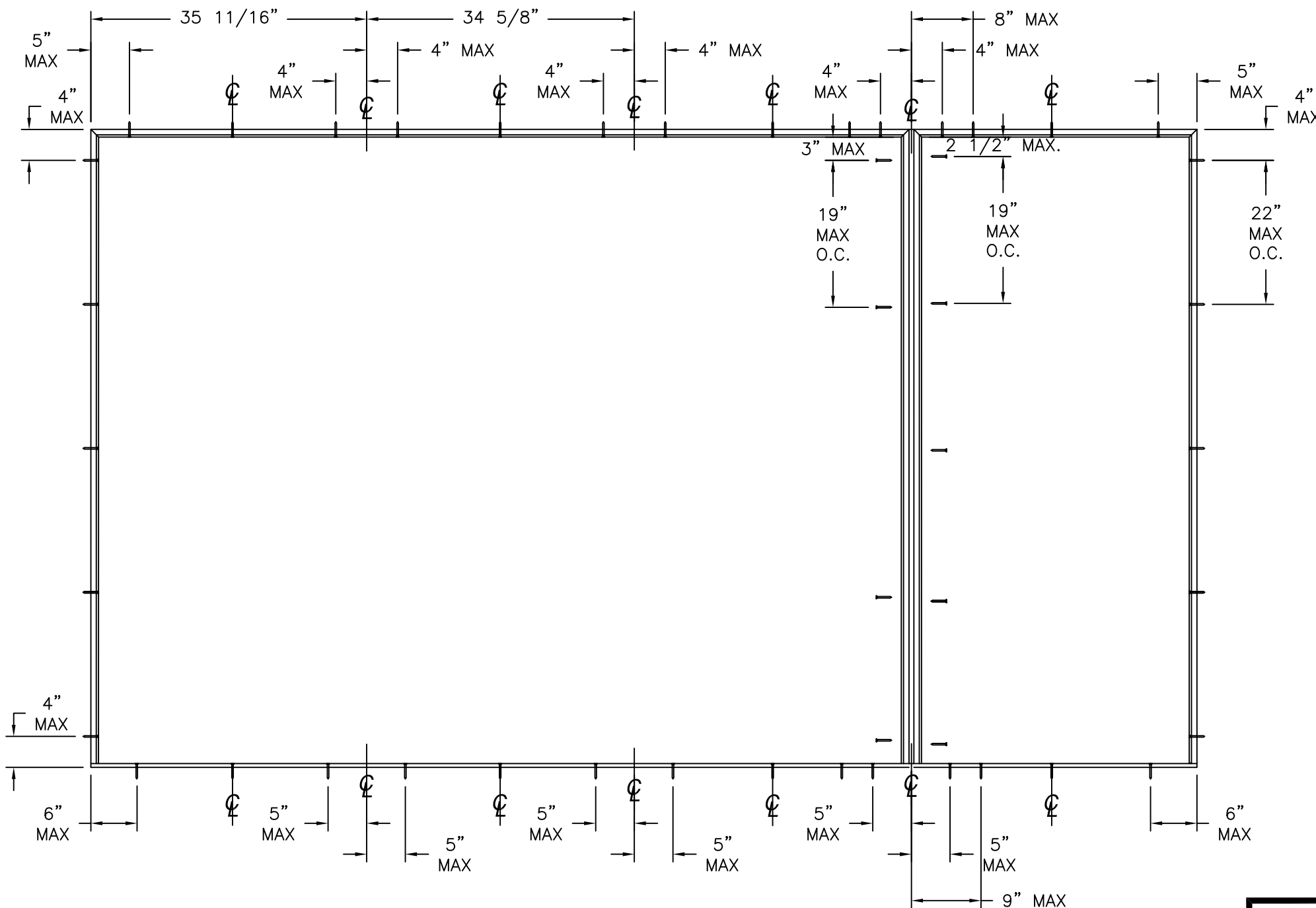
SERIES SLPS 8'0" HEIGHT OS PATIO DOOR
FIBERGLASS SIDE HINGED DOOR W/SIDELITES
APPROVED CONFIGURATIONS

DRAWN: V.L.	DWG NO. 08-02135D	REV D
SCALE NTS	DATE 07/11/13	SHEET 2 OF 10

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ANCHORING LAYOUT

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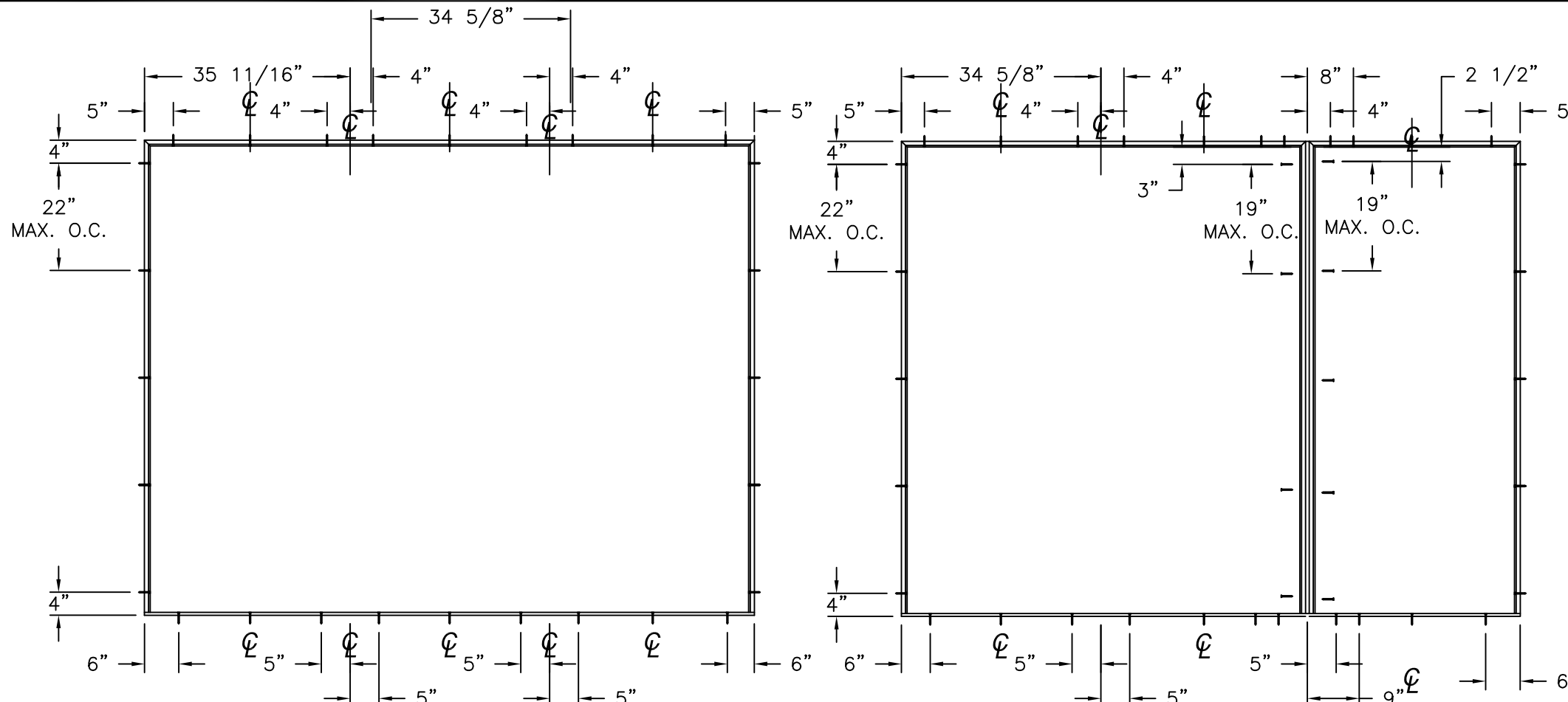
ANCHORING NOTES:

- 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).

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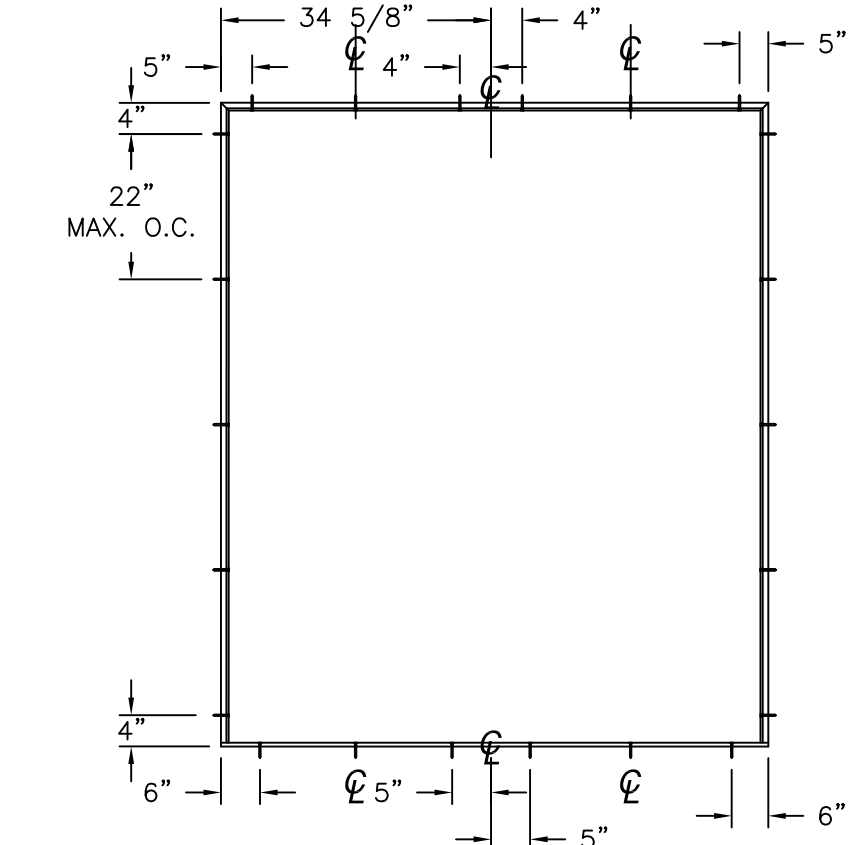
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SERIES SLPS 8'0" HEIGHT OS PATIO DOOR FIBERGLASS SIDE HINGED DOOR W/SIDELITES ANCHORING LAYOUT		
DRAWN: V.L.	DWG NO. 08-02135D	REV D
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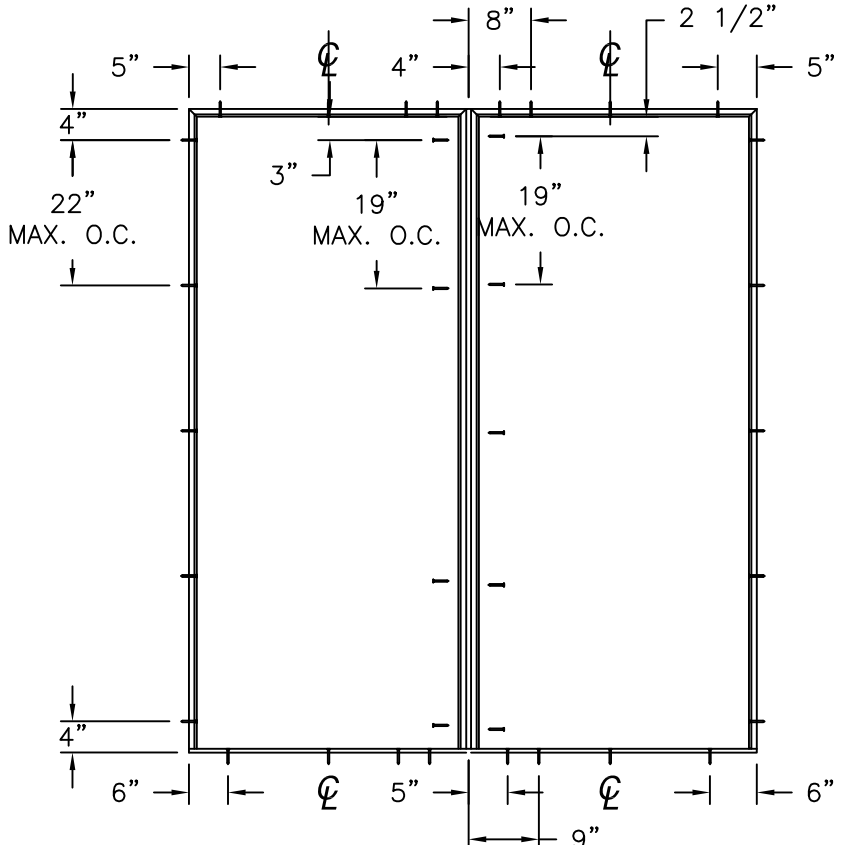


ANCHORING LAYOUT FOR OXO, XXO AND OXX

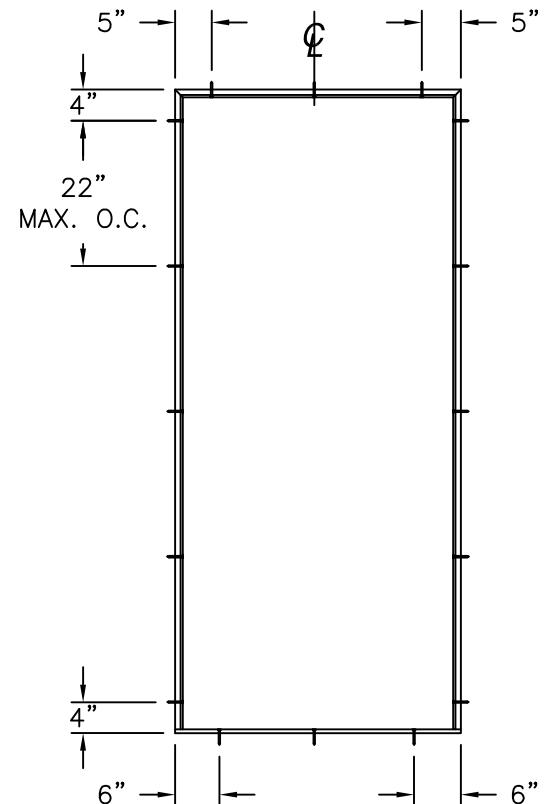
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)



ANCHORING LAYOUT FOR X

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SERIES SLPS 8'0" HEIGHT OS PATIO DOOR
FIBERGLASS SIDE HINGED DOOR W/SIDELITES
ANCHORING LAYOUTS

DRAWN:
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DWG NO.
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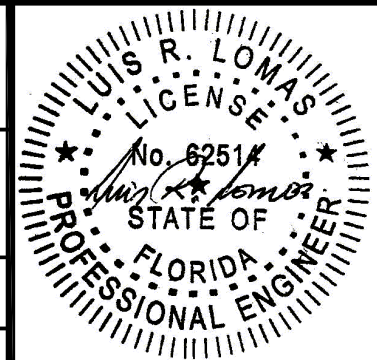
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SHEET
4 OF 10

L. ROBERTO LOMAS P.E.
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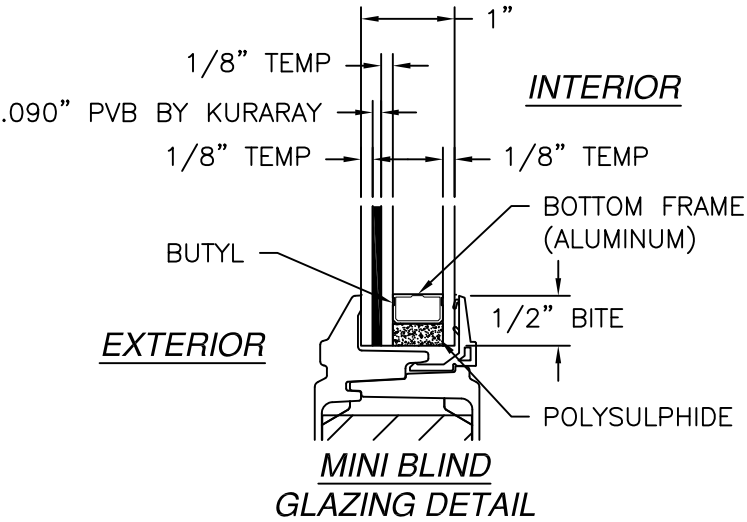
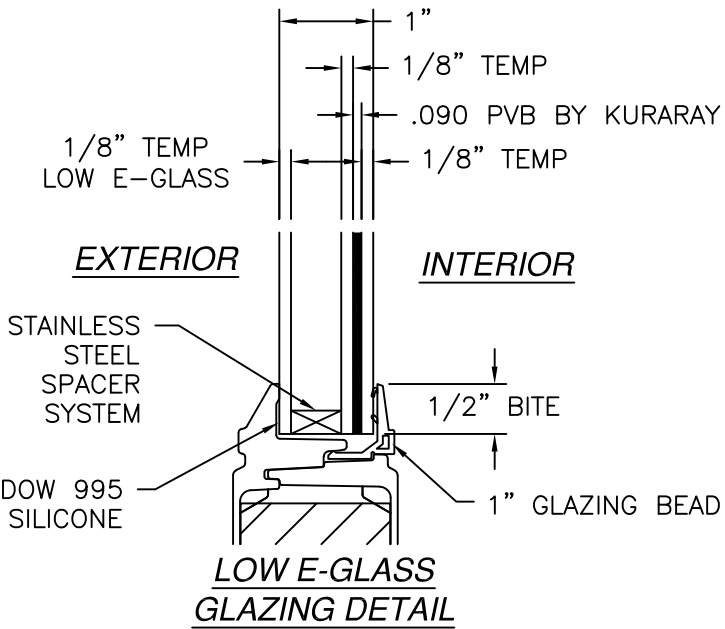
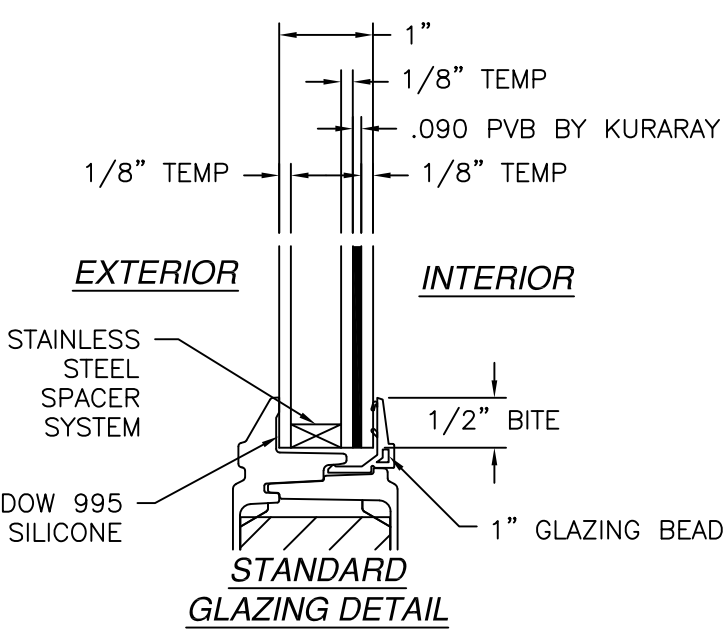
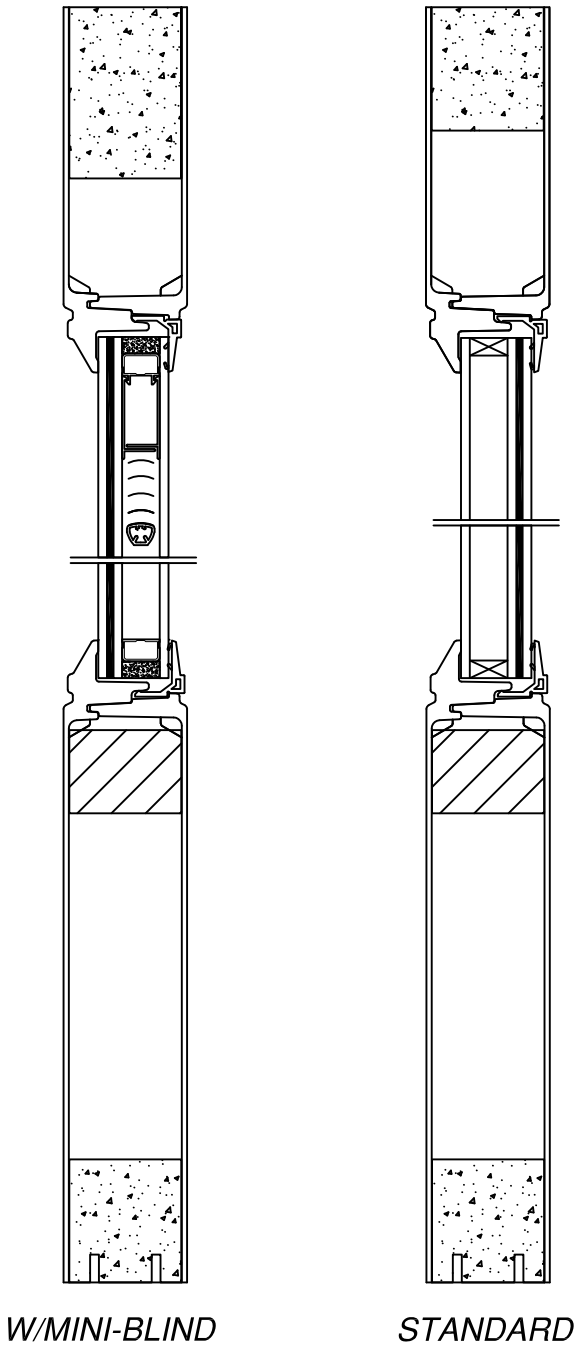
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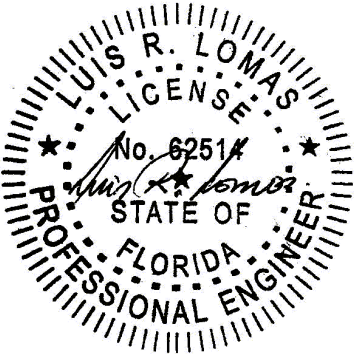
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APPROVED PANEL CONFIGURATIONS



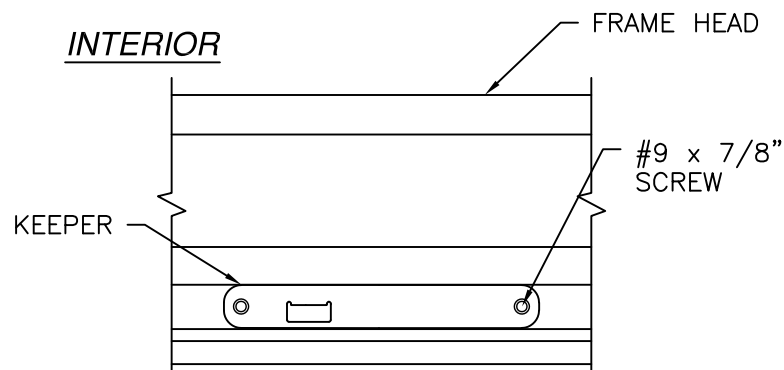
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SERIES SLPS 8'0" HEIGHT OS PATIO DOOR FIBERGLASS SIDE HINGED DOOR W/SIDELITES GLAZING DETAILS		
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SCALE NTS	DATE 07/11/13	SHEET 5 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

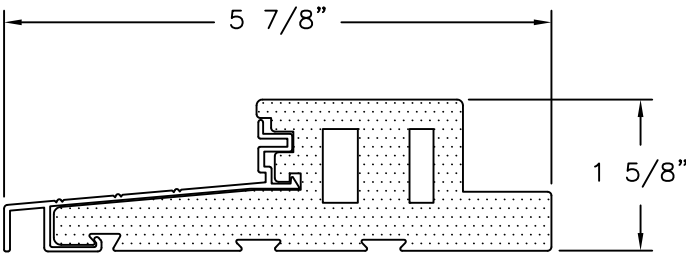


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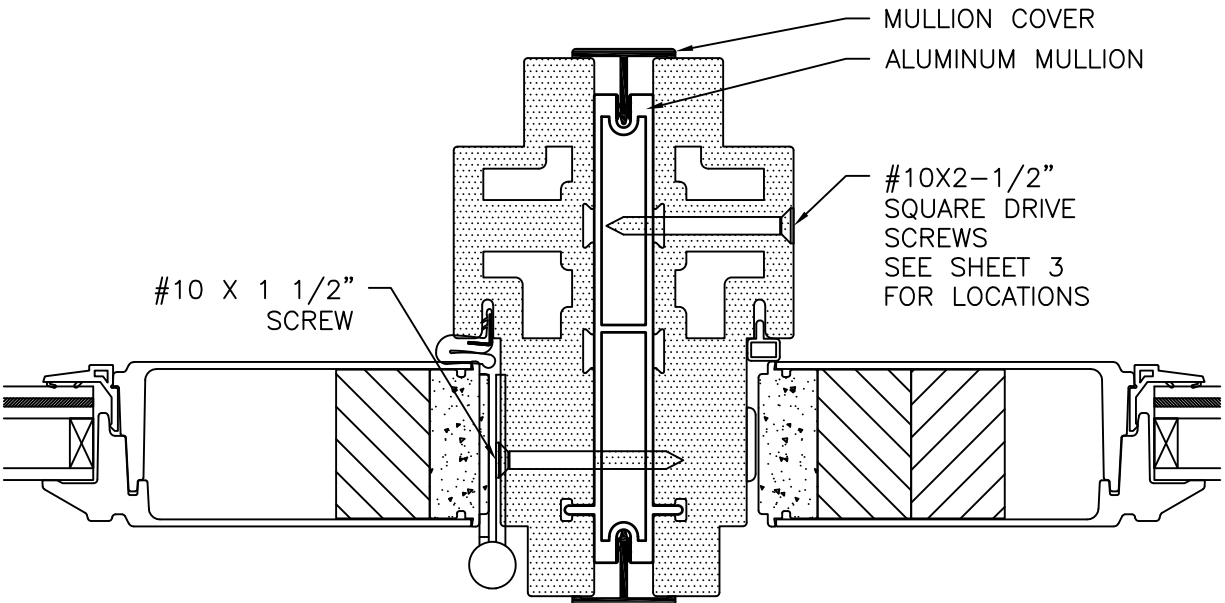
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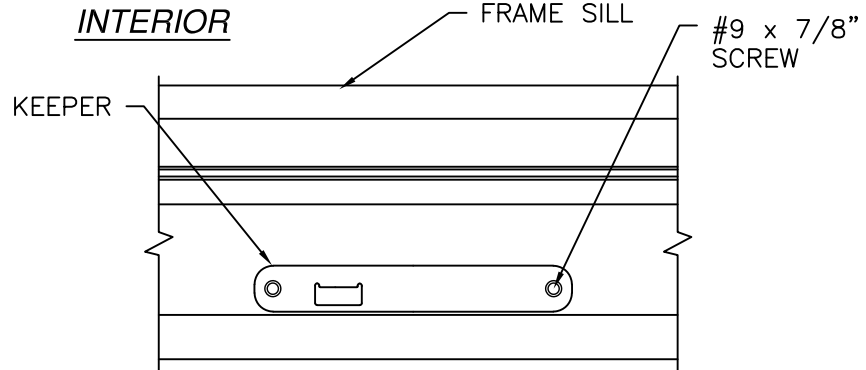
HEAD KEEPER DETAIL



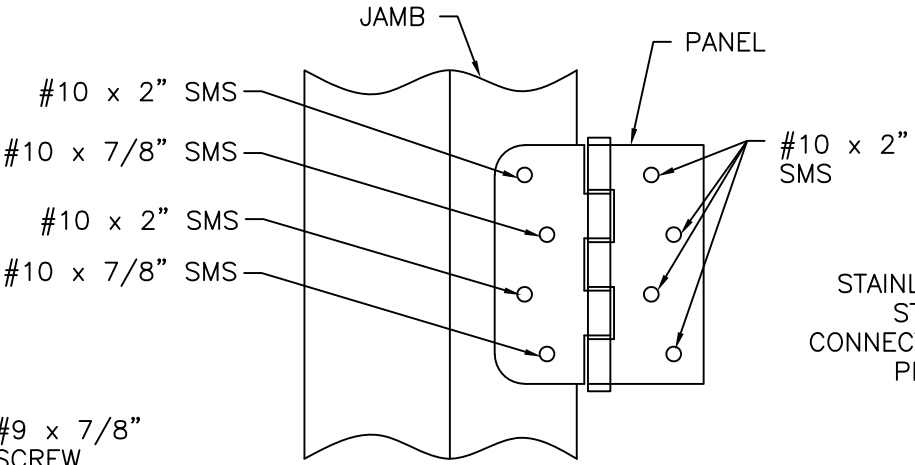
OUTSWING DOOR SILL DETAIL



MULLION DETAIL



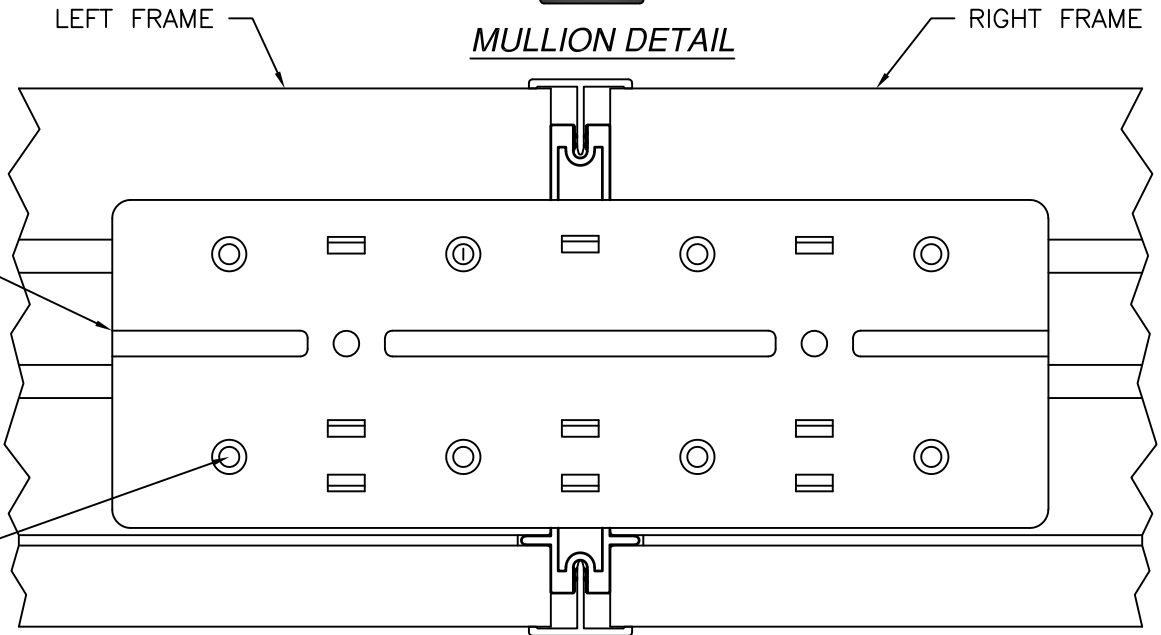
SILL KEEPER DETAIL



HINGE INSTALLATION DETAIL

STAINLESS STEEL CONNECTION PLATE

(8) #10x1 inch SQUARE DRIVE SCREWS



FRAME CONNECTION DETAIL

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HARDWARE SCHEDULE	
A.	(3) 4" BUTT HINGE
B.	2 POINT LOCK SYSTEM
C.	RIGID PVC ASTRAGAL WITH ALUMINUM REINFORCEMENT

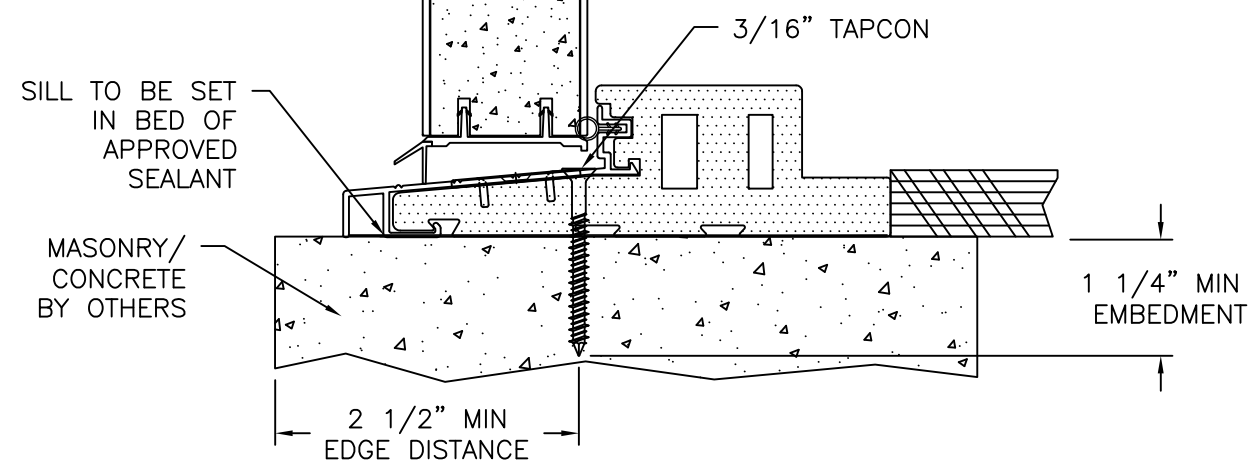
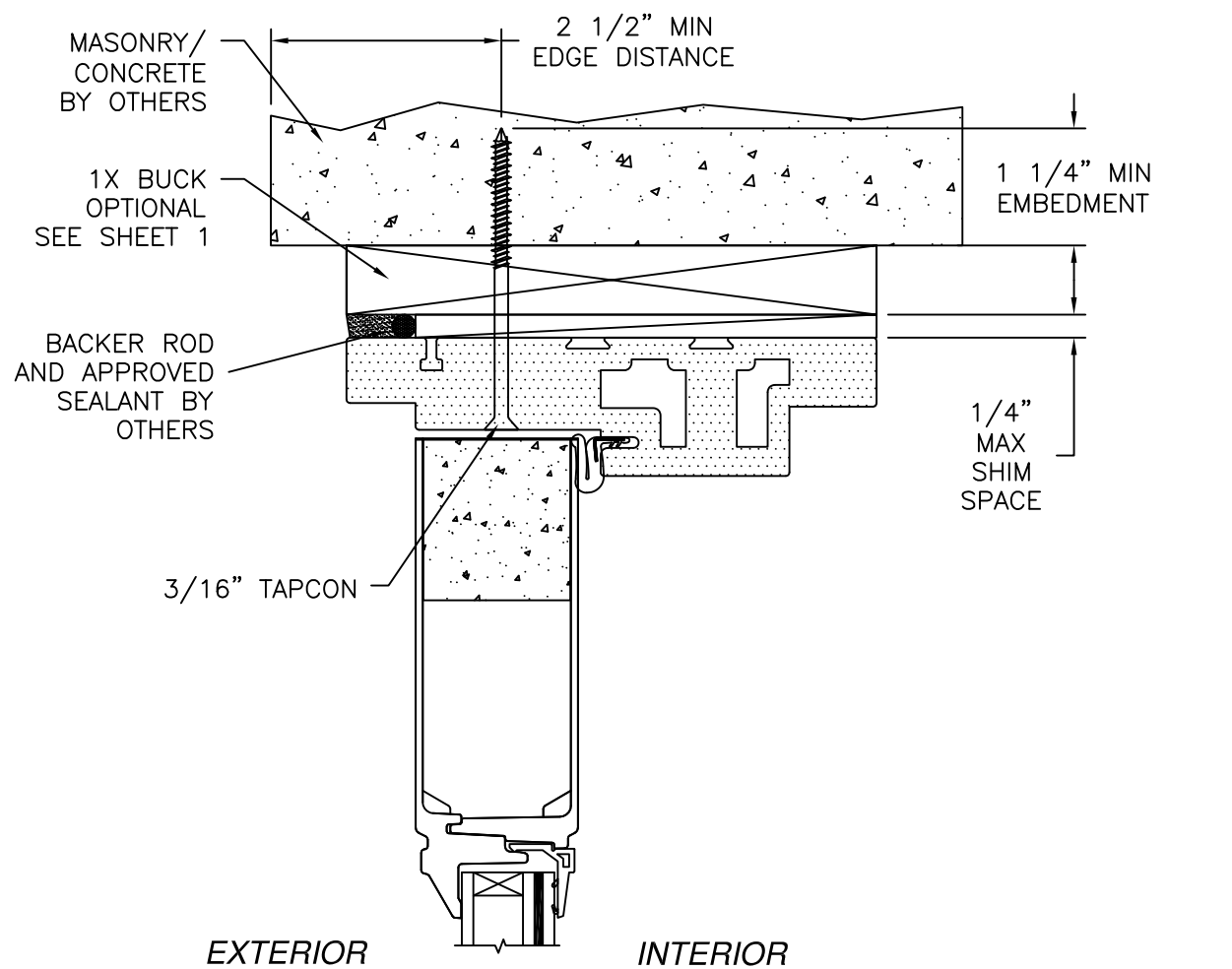
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HOUSTON, TX 77013

SERIES SLPS 8'0" HEIGHT OS PATIO DOOR
FIBERGLASS SIDE HINGED DOOR W/SIDELITES
INSTALLATION DETAILS & COMPONENTS

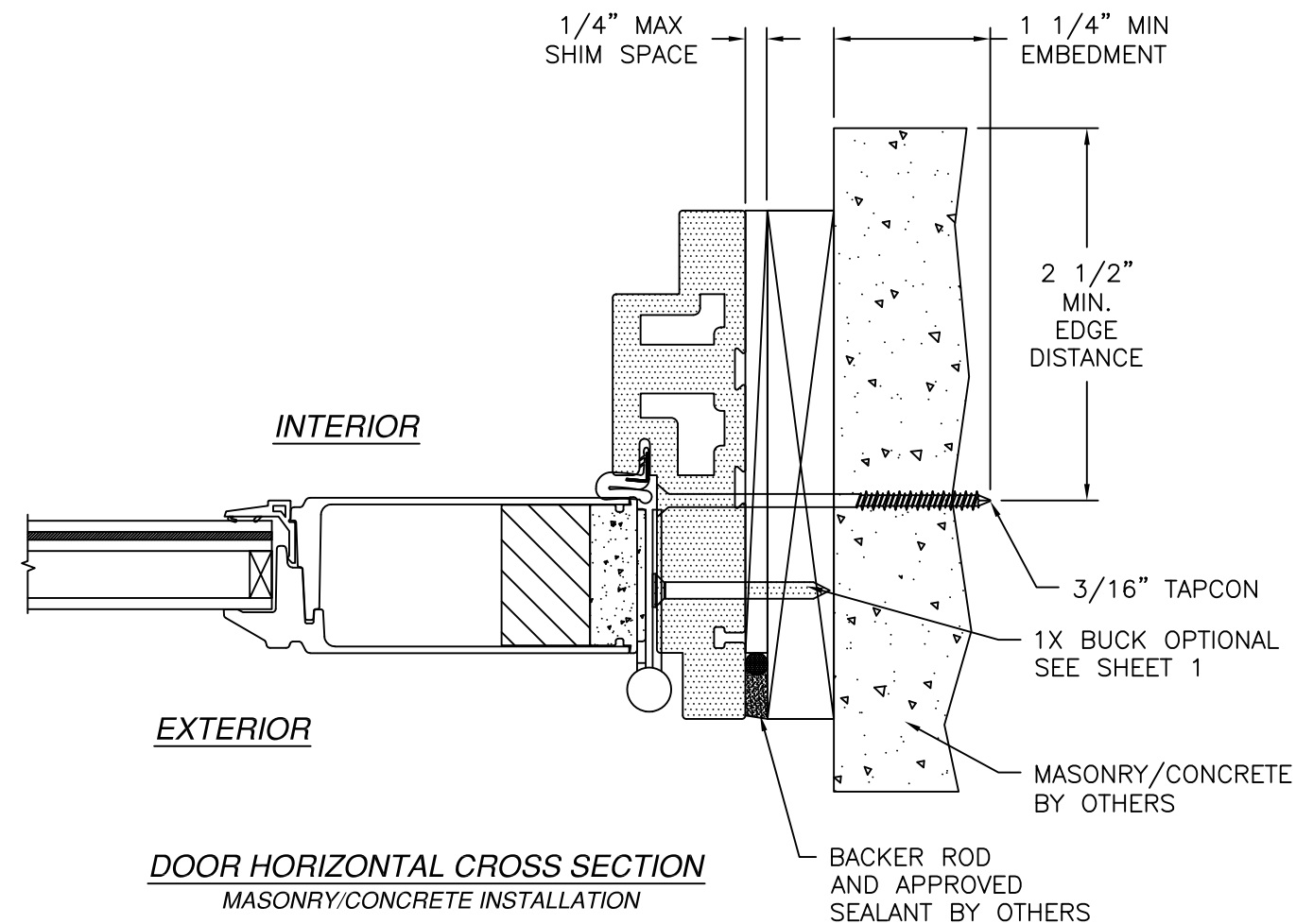
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SCALE NTS	DATE 07/11/13	SHEET 6 OF 10

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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

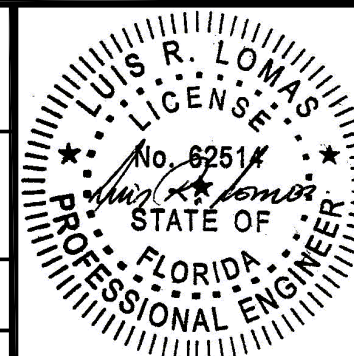


DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

- 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

NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
SERIES SLPS 8'0" HEIGHT OS PATIO DOOR FIBERGLASS SIDE HINGED DOOR W/SIDELITES INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-02135D	REV D
SCALE NTS	DATE 07/11/13	SHEET 7 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

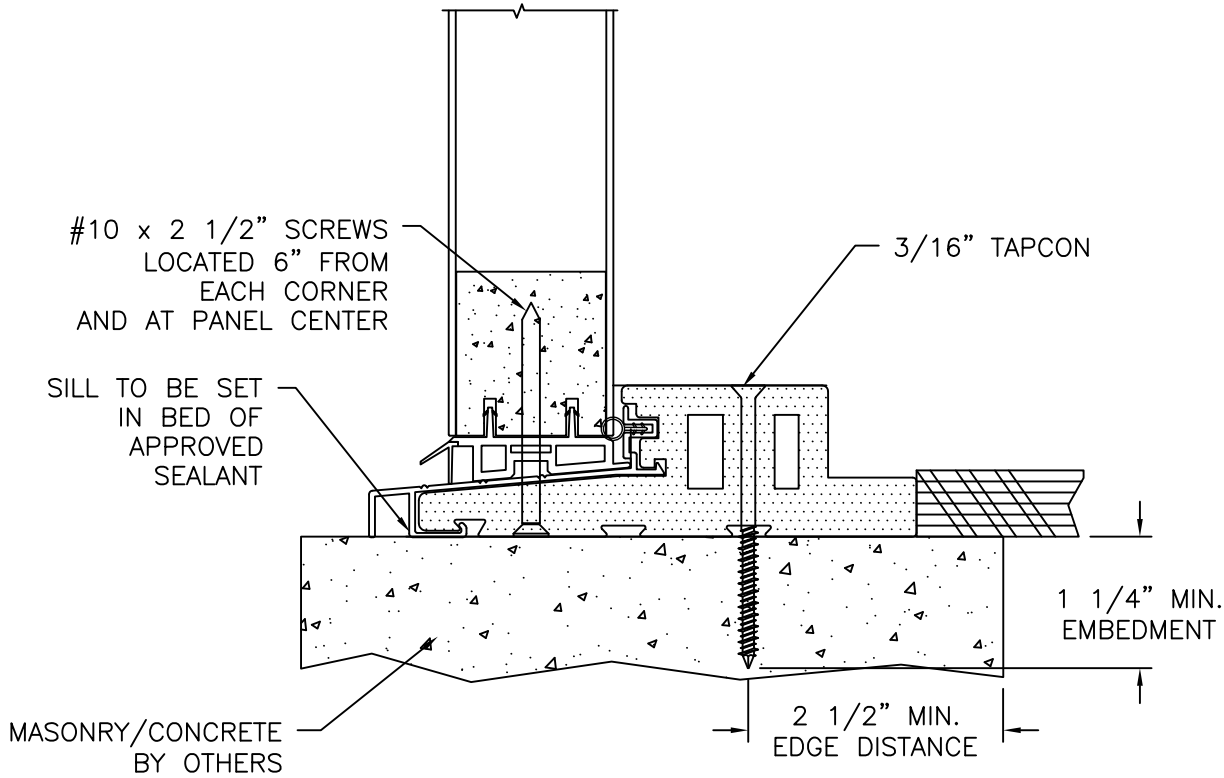
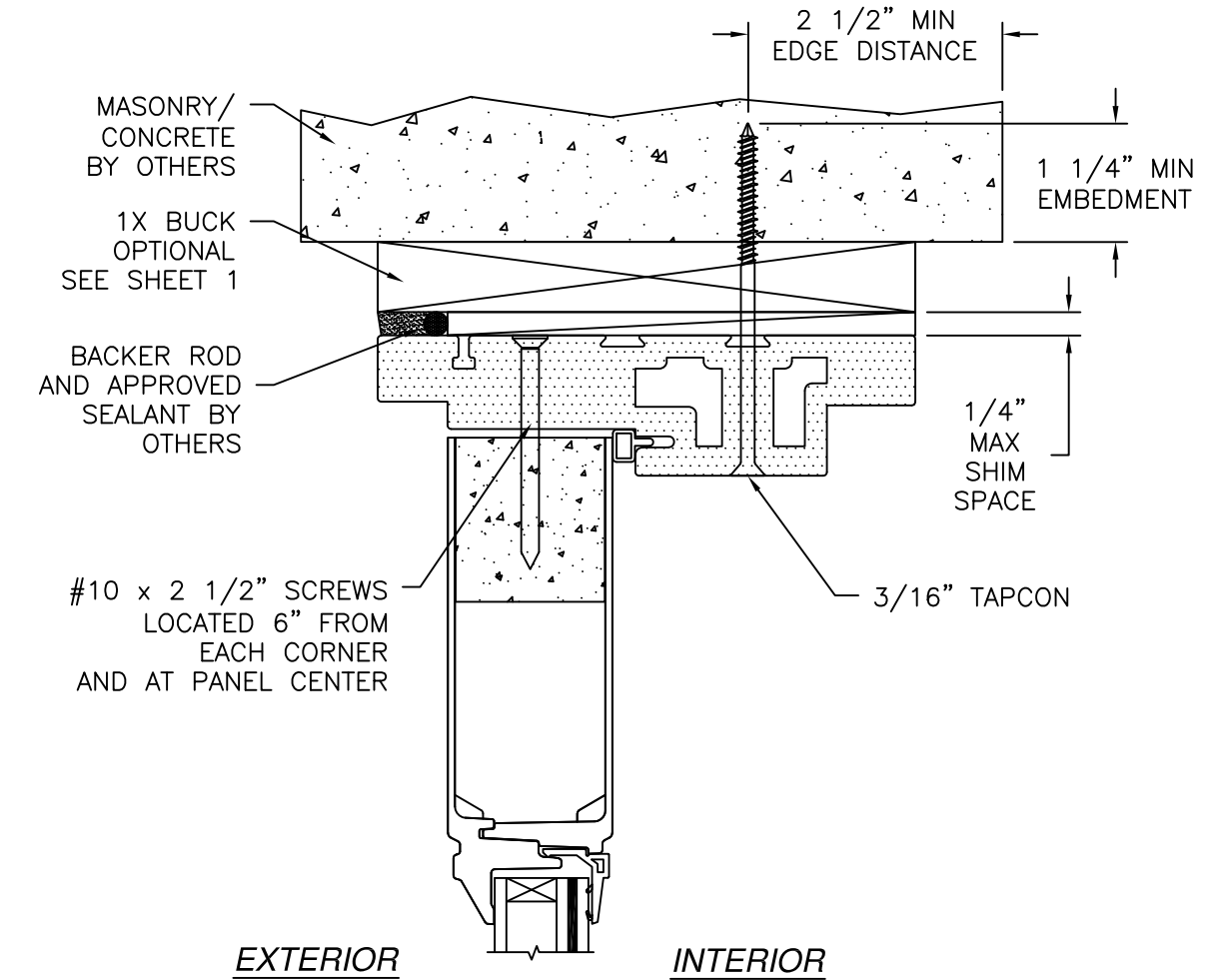
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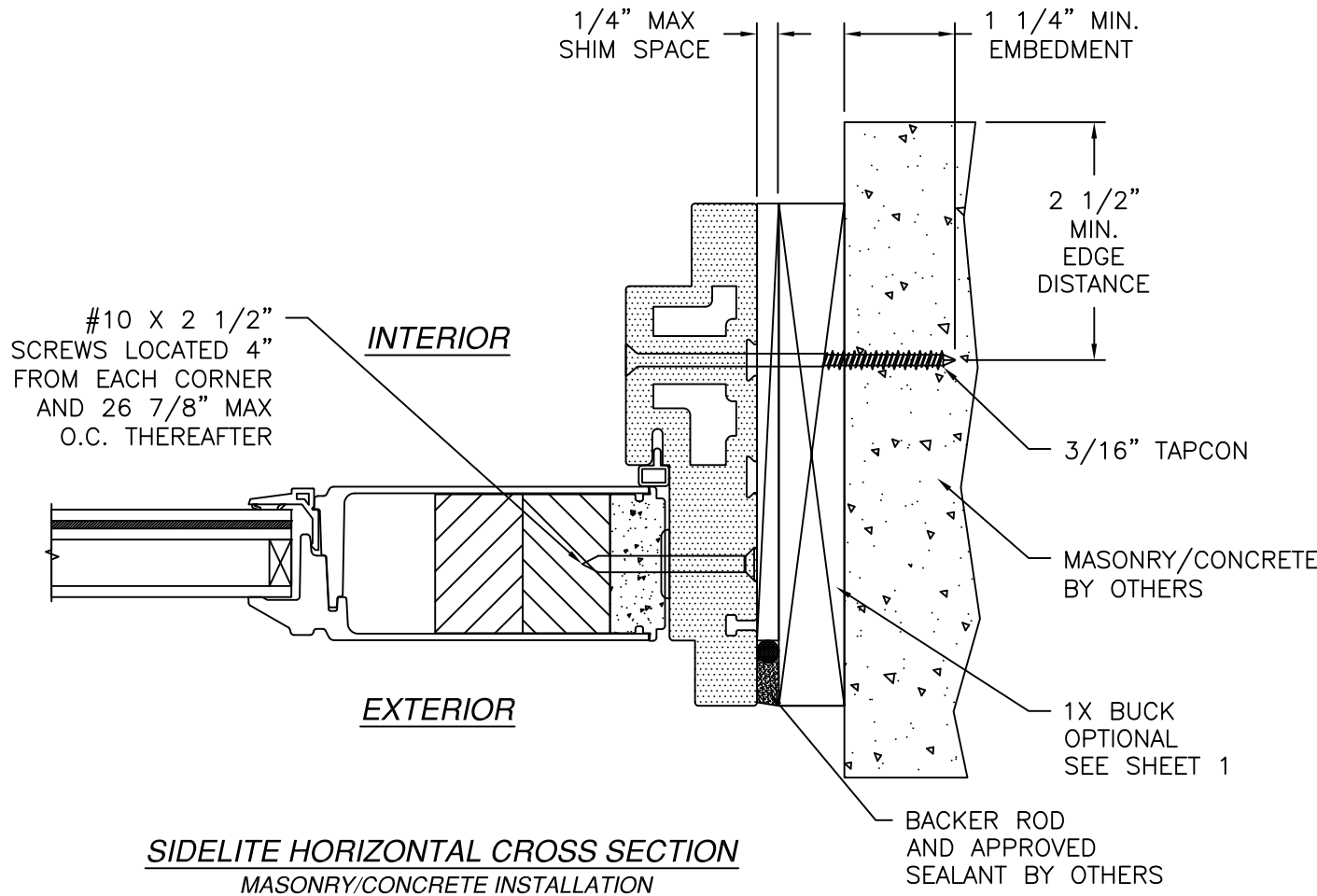
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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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4016 SHADRACK ST.
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SERIES SLPS 8'0" HEIGHT OS PATIO DOOR
FIBERGLASS SIDE HINGED DOOR W/SIDELITES
INSTALLATION DETAILS

DRAWN: V.L.

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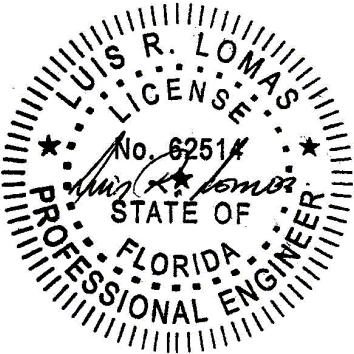
DATE 07/11/13

SHEET 8 OF 10

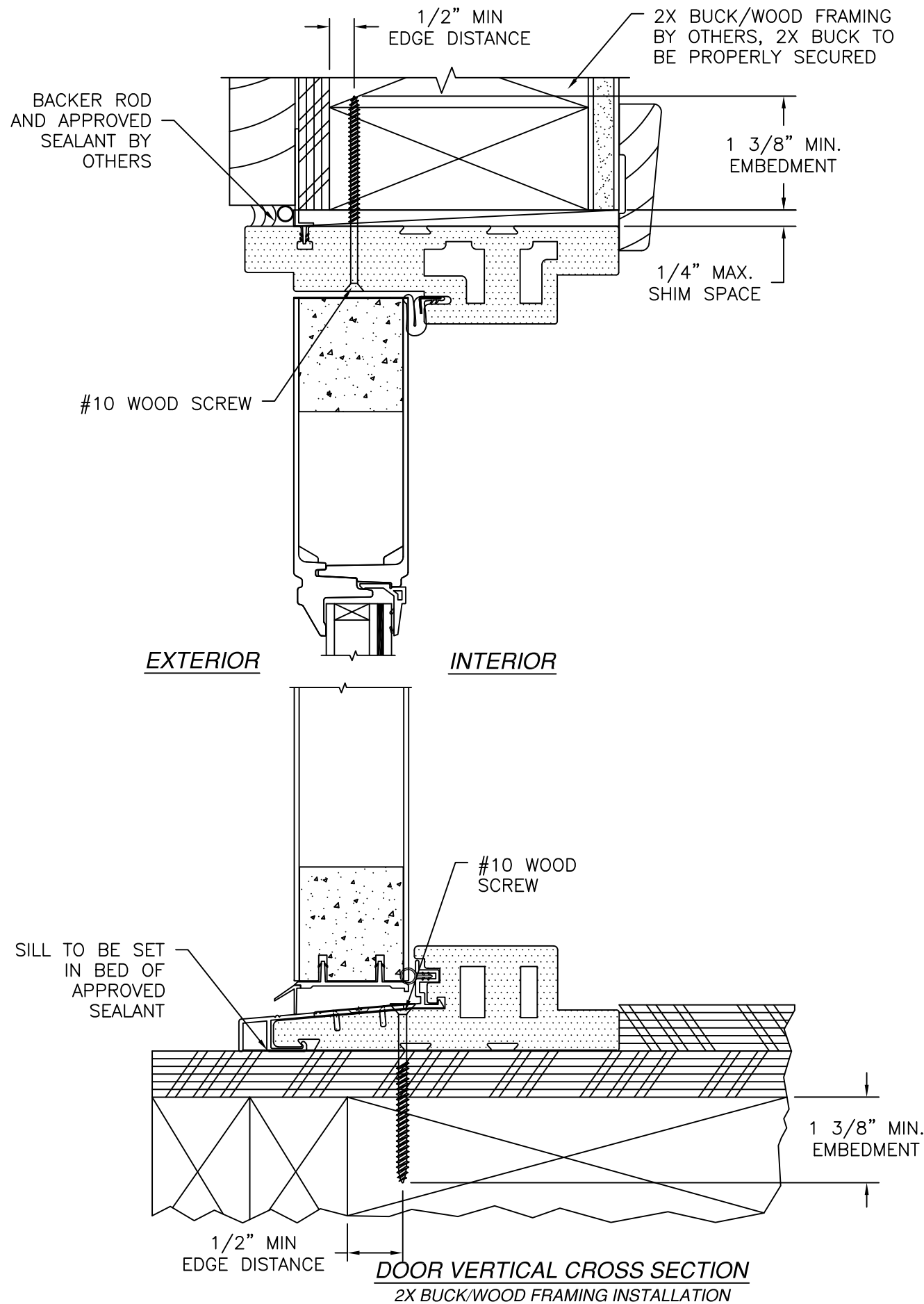
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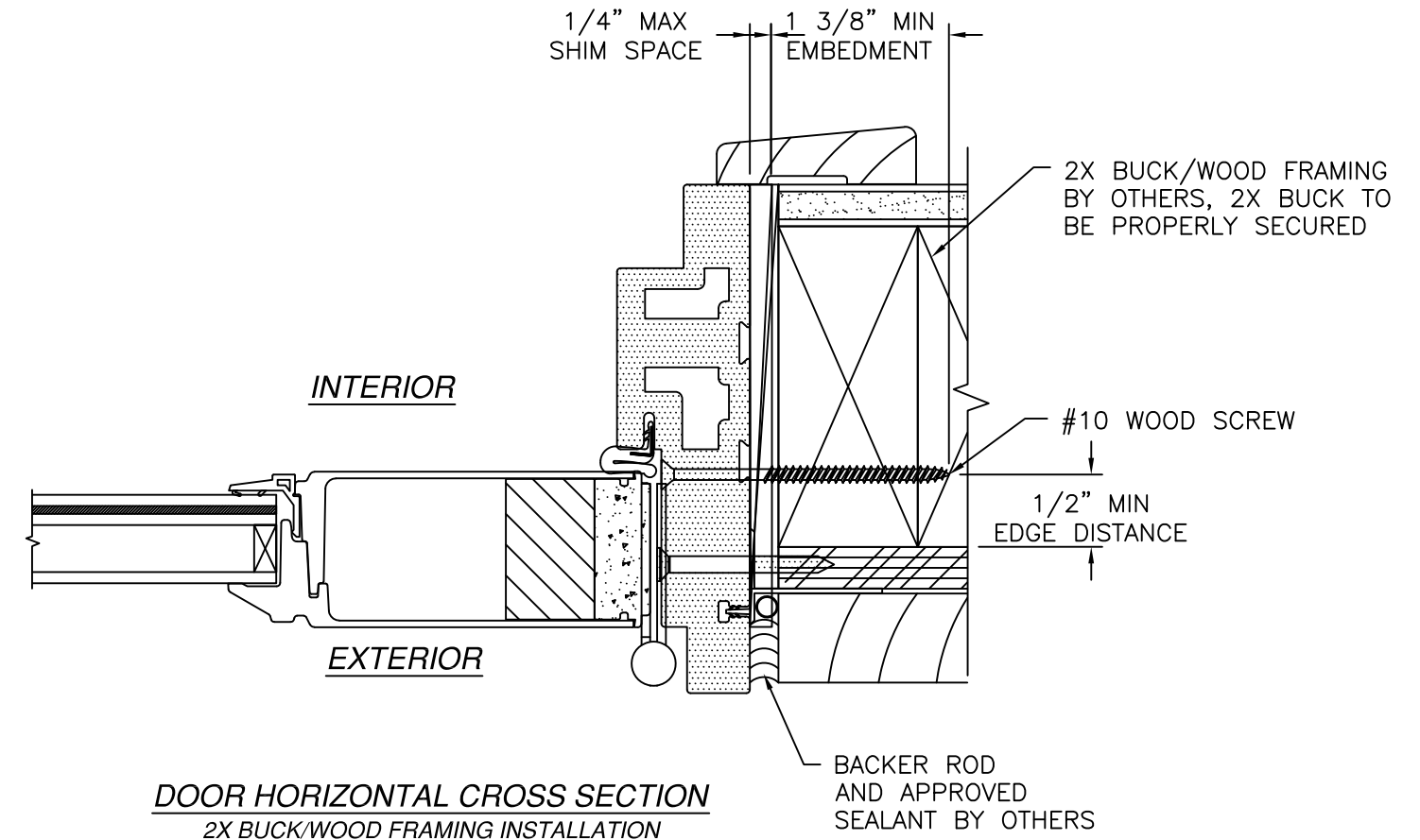
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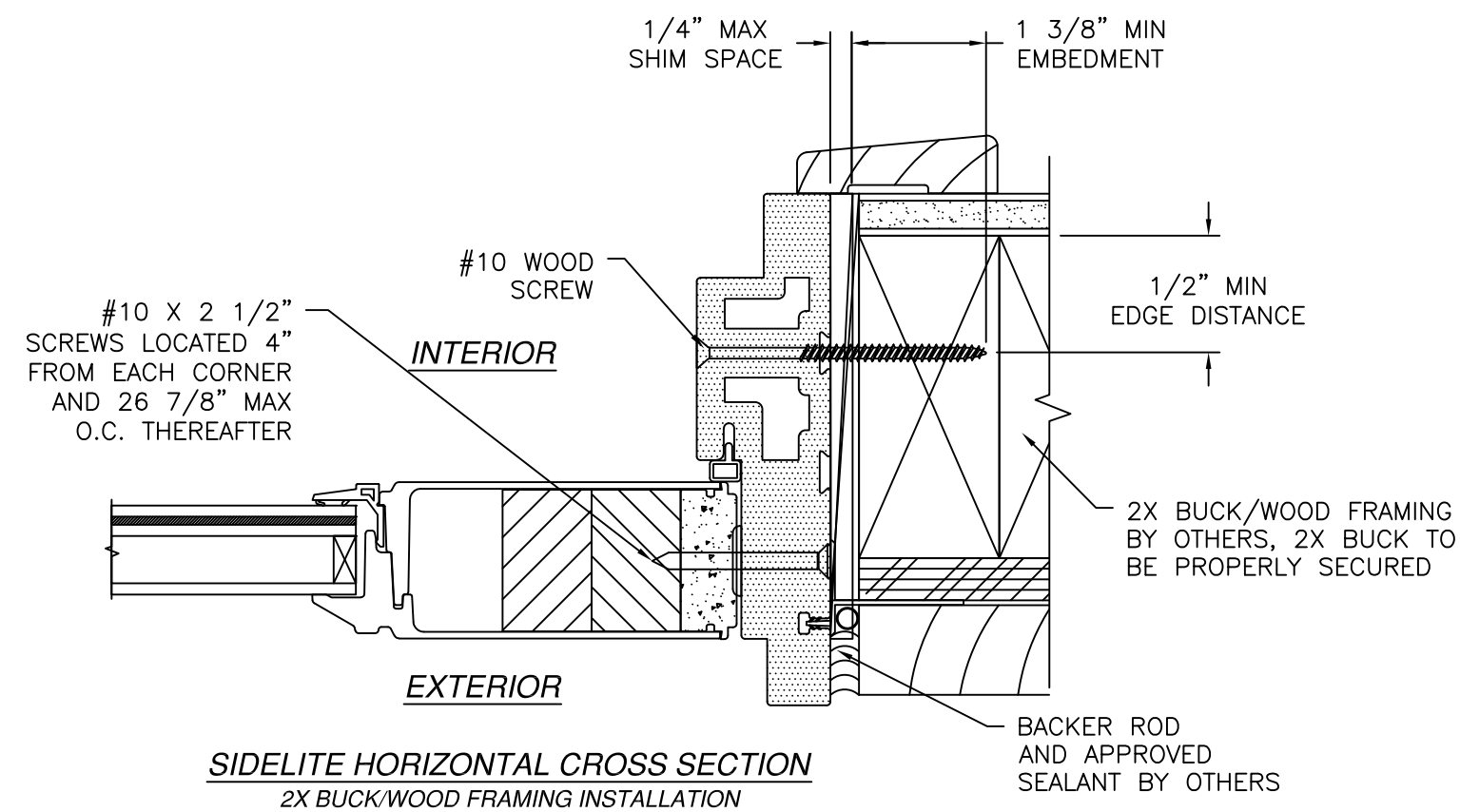
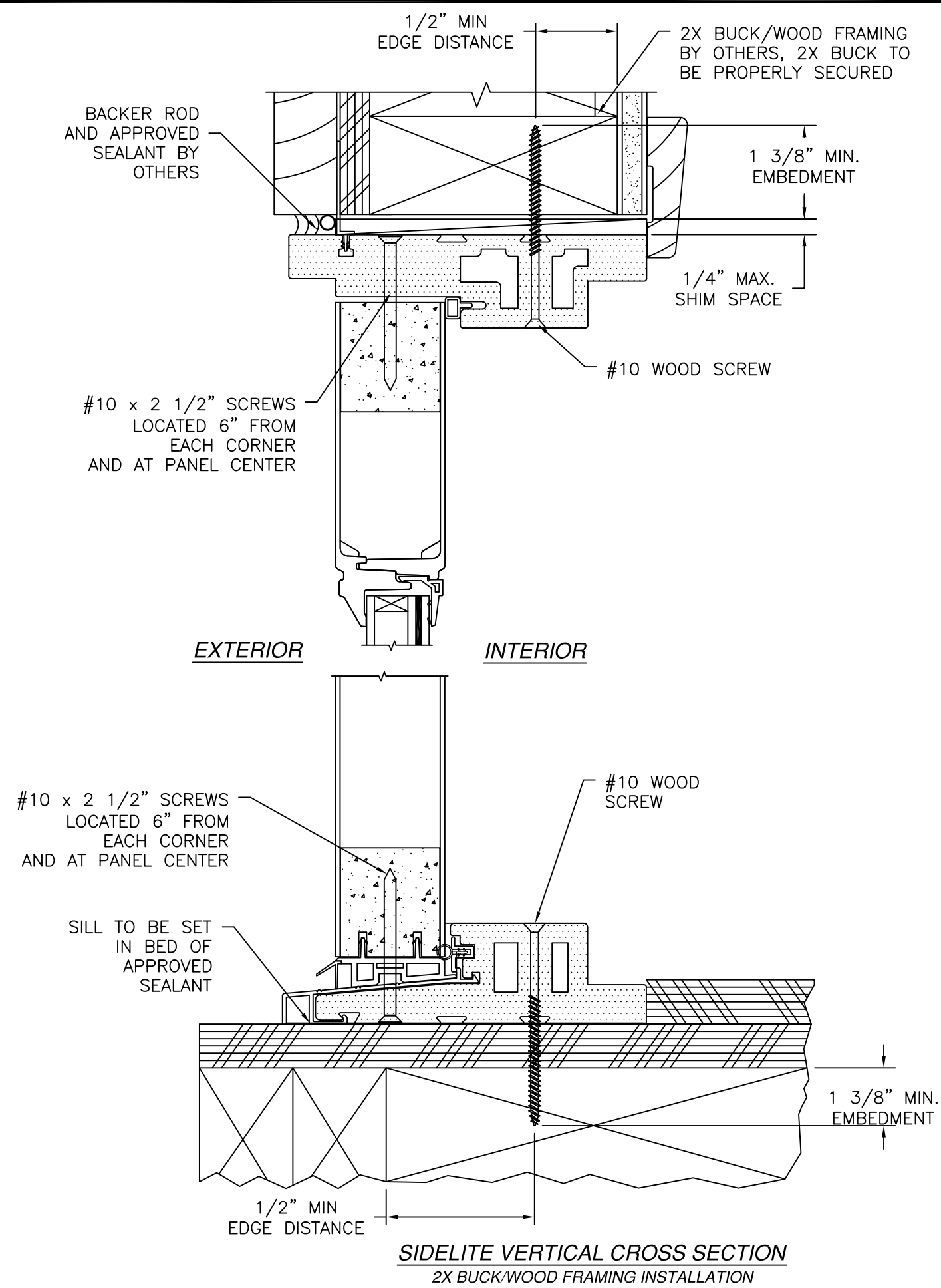


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SERIES SLPS 8'0" HEIGHT OS PATIO DOOR FIBERGLASS SIDE HINGED DOOR W/SIDELITES INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-02135D	REV D	
SCALE NTS	DATE 07/11/13	SHEET 9 OF 10	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com			
			Luis R. Lomas P.E. FL No.: 62514

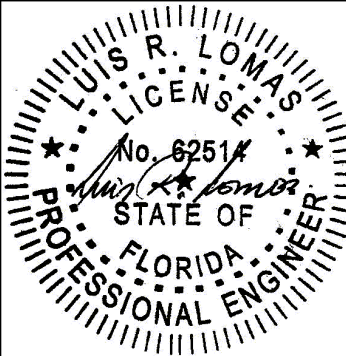
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