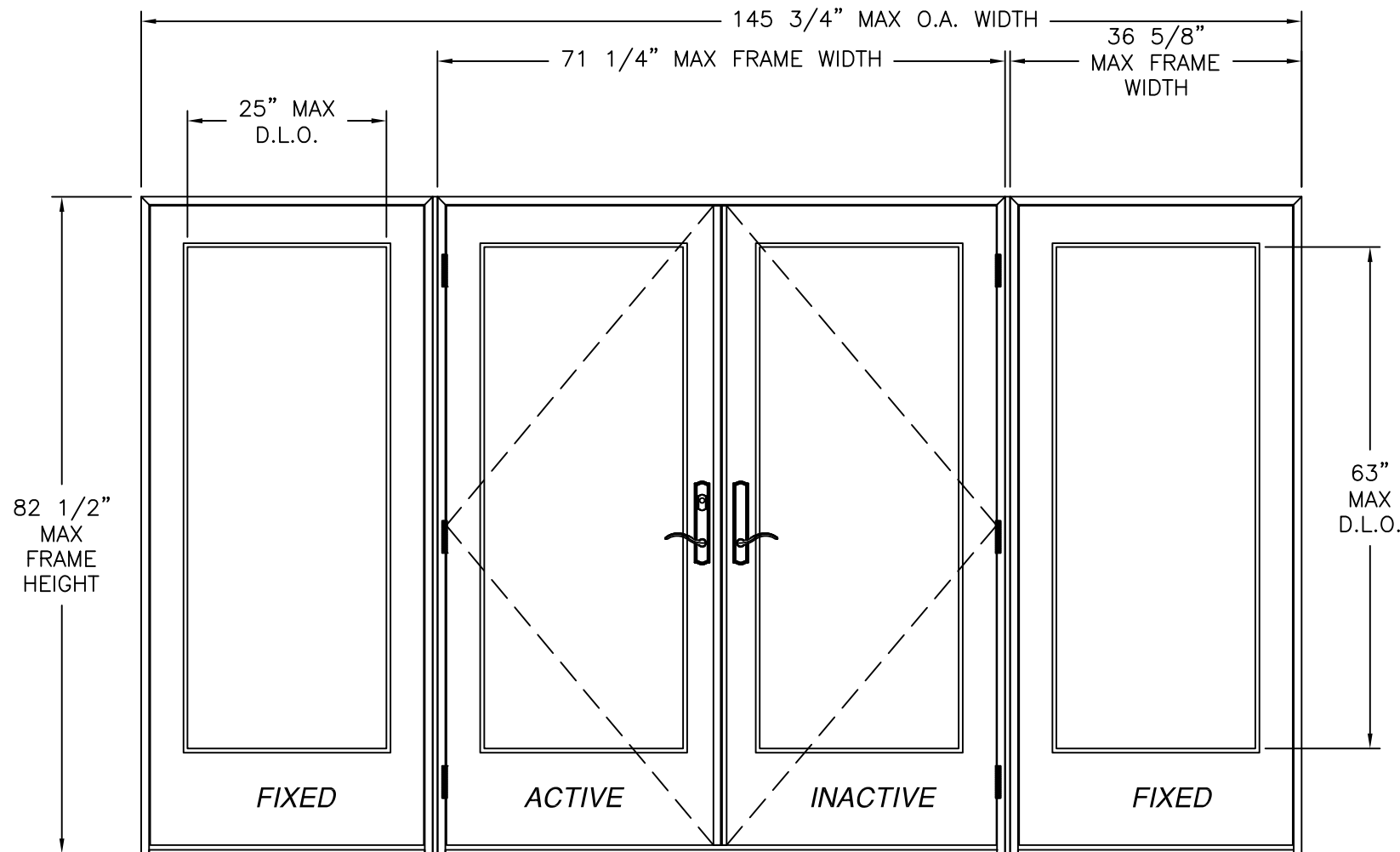




OUT-SWING ENTRANCE DOUBLE DOOR (SLPS)
W/ SIDELITES FIBERGLASS CLAD
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

REVISIONS			
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D	REVISED MANUFACTURER ADDRESS	07/13/2026	R.L.

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 NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 5) UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 5 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: 05/21/2025

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

OUT-SWING ENTRANCE DOOR (SLPS)

W/ & W/O SIDELITES FIBERGLASS CLAD

ELEVATIONS AND NOTES

DRAWN: V.L.

DWG NO. 08-01888D

REV D

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DATE 01/07/13

SHEET 1 OF 10

L. ROBERTO LOMAS P.E.

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434-688-0609 rllomas@rlomaspe.com

LUIS R. LOMAS

LICENSE No. 62514

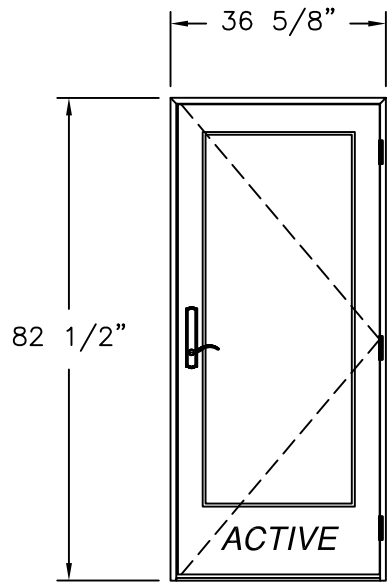
STATE OF FLORIDA

PROFESSIONAL ENGINEER

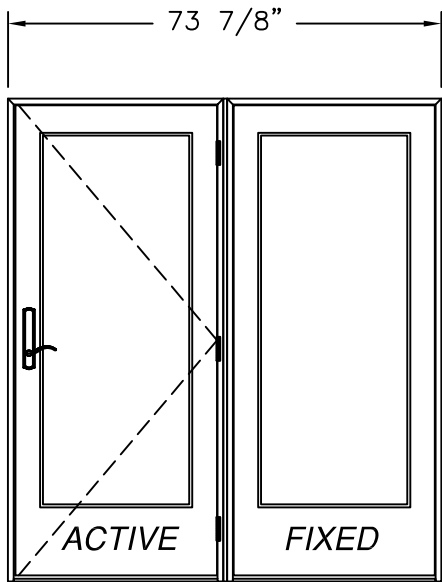
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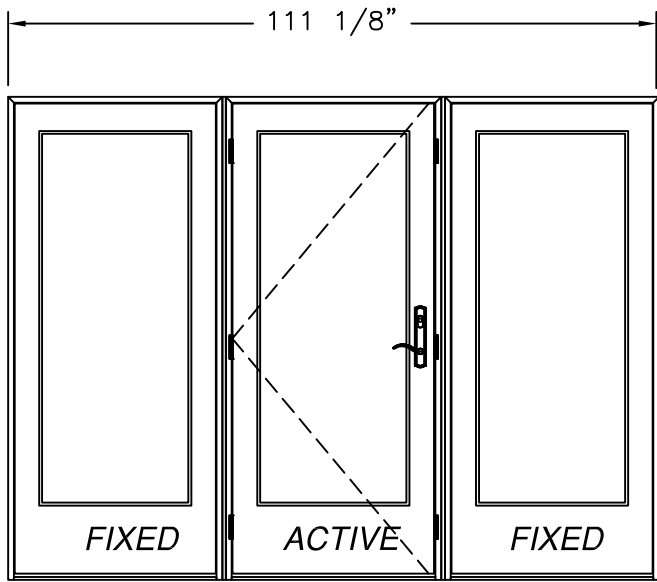
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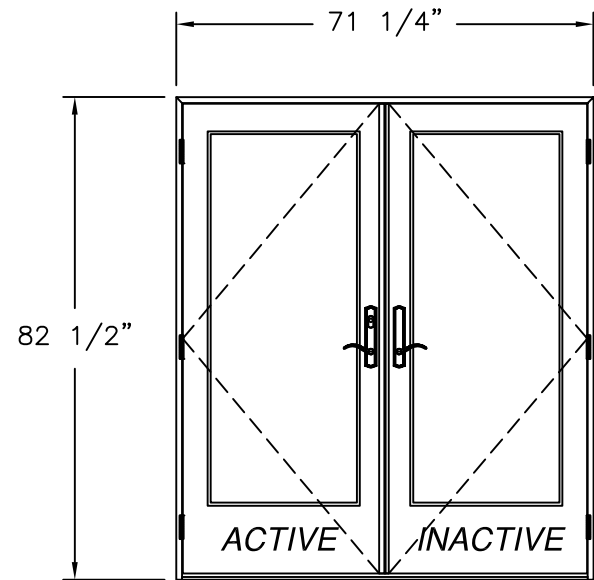
SINGLE (X)
EXTERIOR VIEW



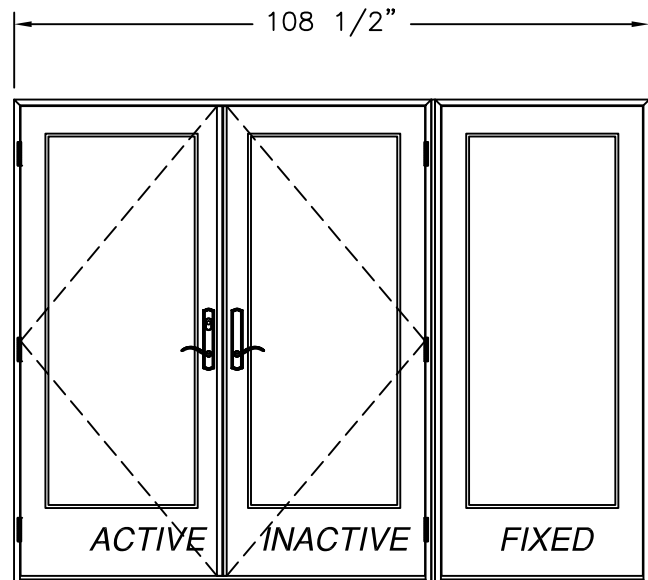
SINGLE W/SIDELITE (XO, OX)
EXTERIOR VIEW



SINGLE W/SIDELITES (OXO)
EXTERIOR VIEW



DOUBLE (XX)
EXTERIOR VIEW



DOUBLE W/SIDELITE (XXO, OXX)
EXTERIOR VIEW

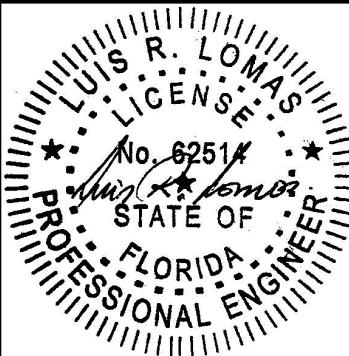
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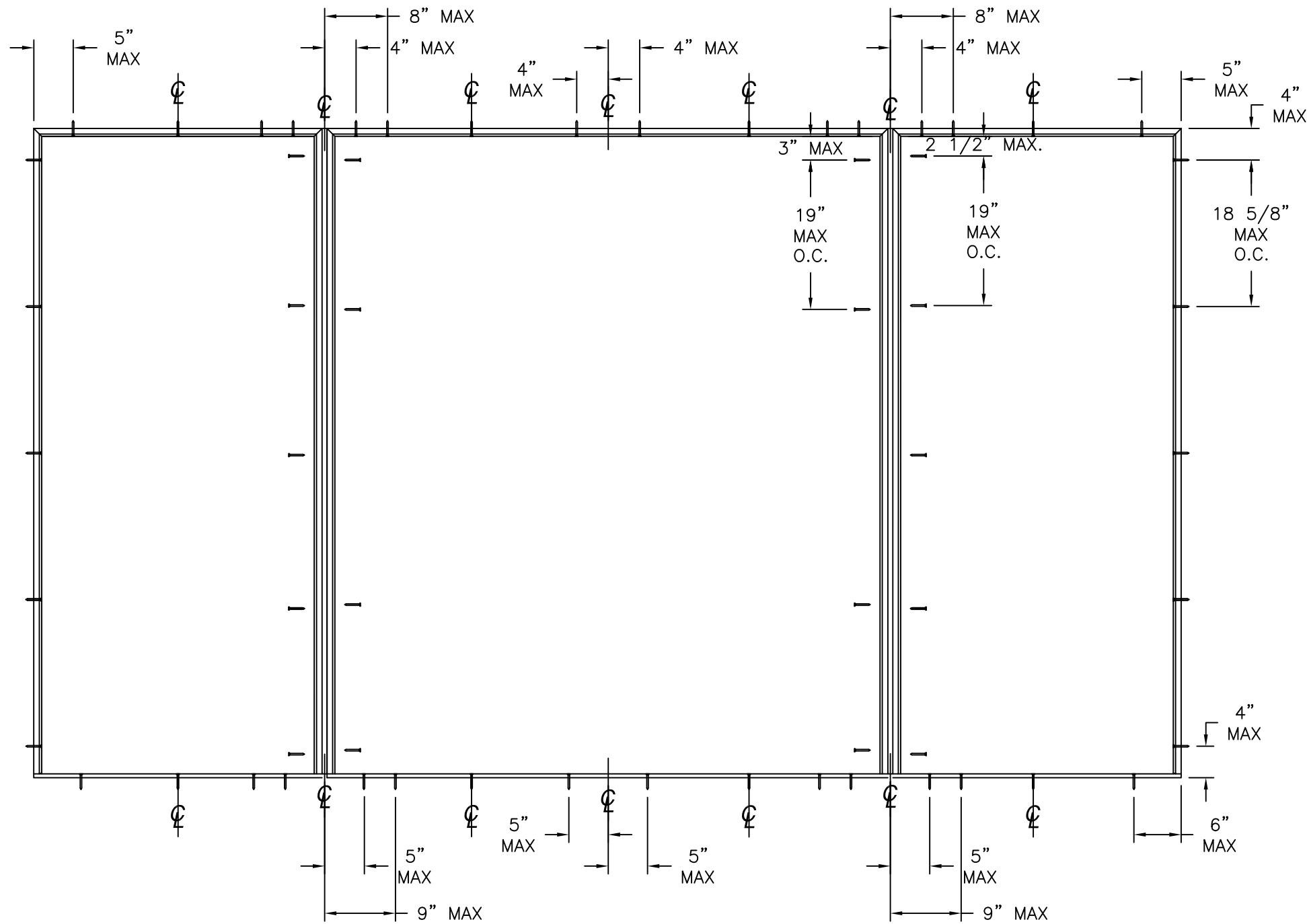
OUT-SWING ENTRANCE DOOR (SLPS)
W/ & W/O SIDELITES FIBERGLASS CLAD
APPROVED ELEVATIONS

DRAWN: V.L.	DWG NO. 08-01888D	REV D
SCALE NTS	DATE 01/07/13	SHEET 2 OF 10

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ANCHORING LAYOUT

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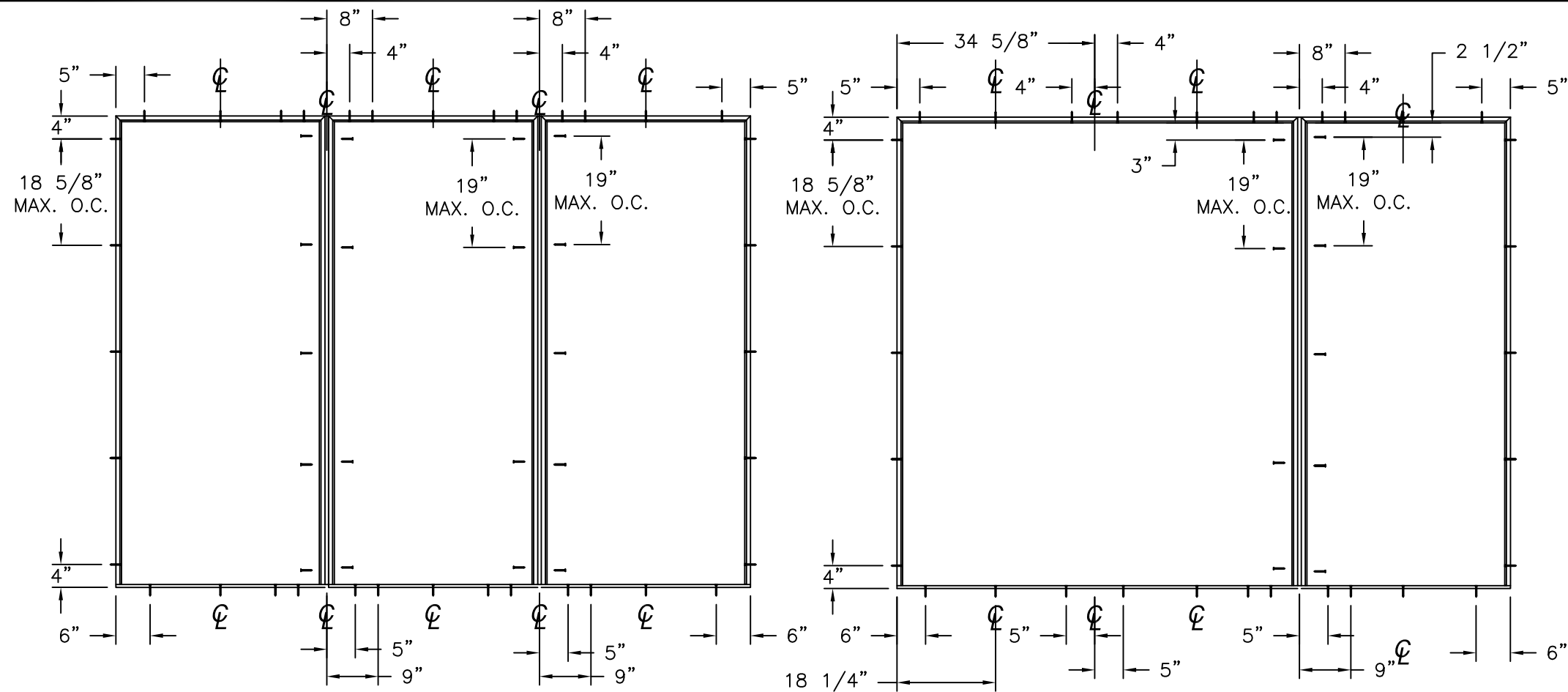
ANCHORING NOTES:

- 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).

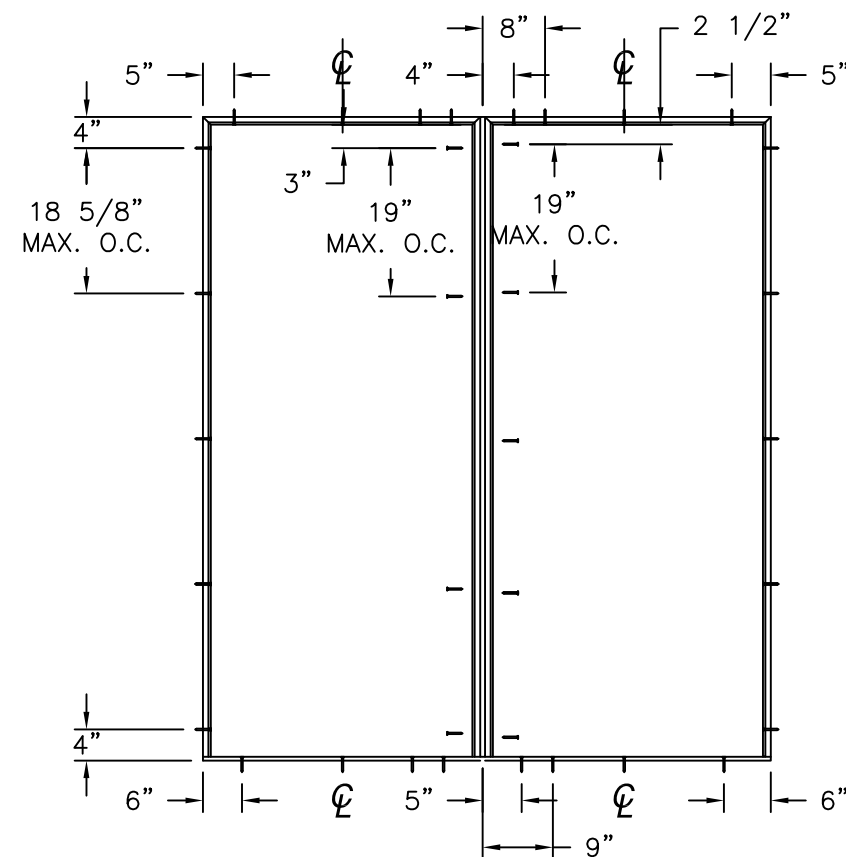
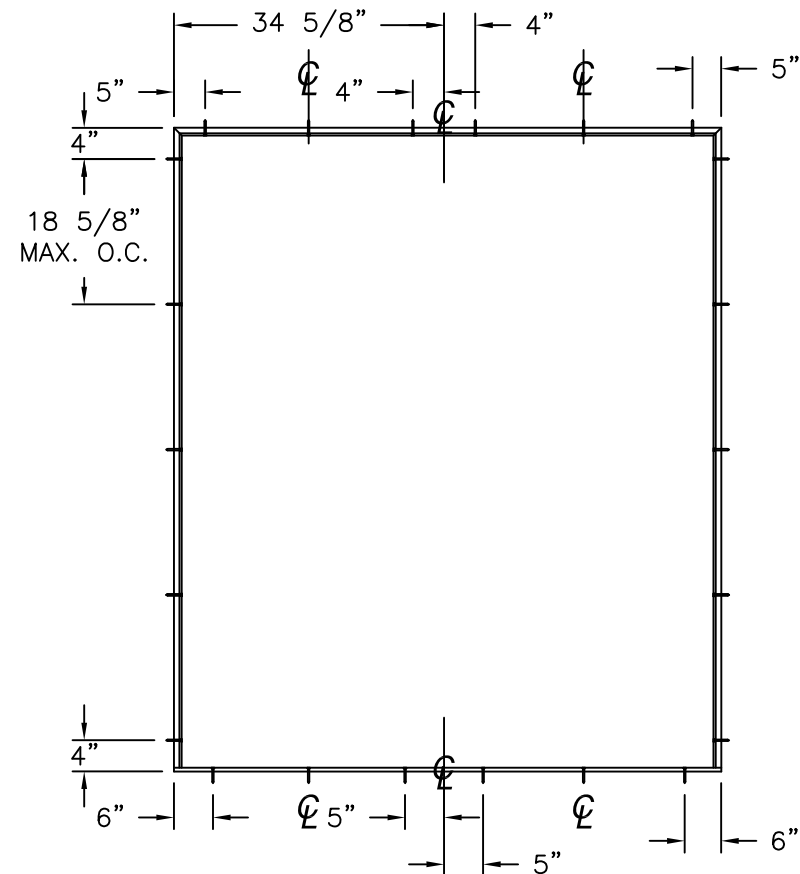
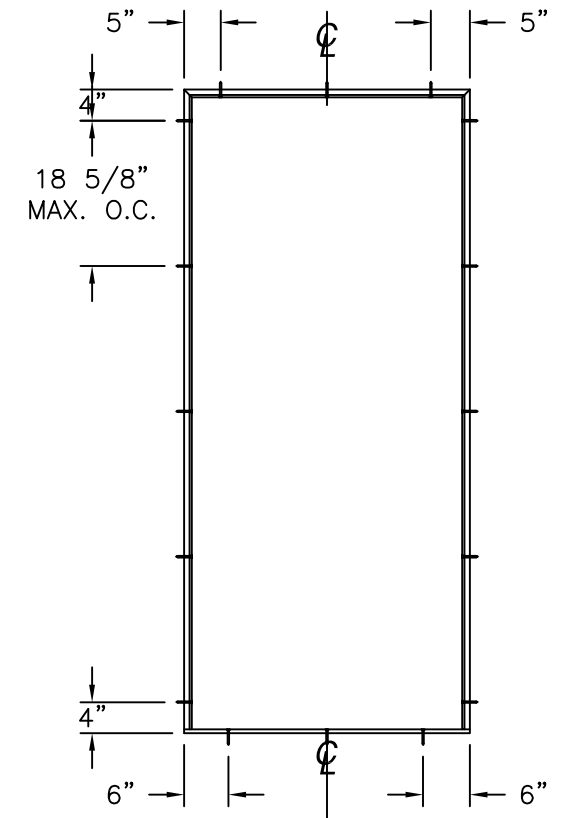
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NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
OUT-SWING ENTRANCE DOOR (SLPS) W/ & W/O SIDELITES FIBERGLASS CLAD ANCHORING LAYOUT		
DRAWN: V.L.	DWG NO. 08-01888D	REV D
SCALE NTS	DATE 01/07/13	SHEET 3 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

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4016 SHADRACK ST.
HOUSTON, TX 77013

OUT-SWING ENTRANCE DOOR (SLPS)
W/ & W/O SIDELITES FIBERGLASS CLAD
ANCHORING LAYOUTS

DRAWN:
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DWG NO.

08-01888D

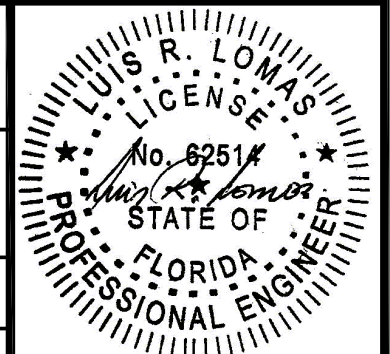
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SHEET 4 OF 10

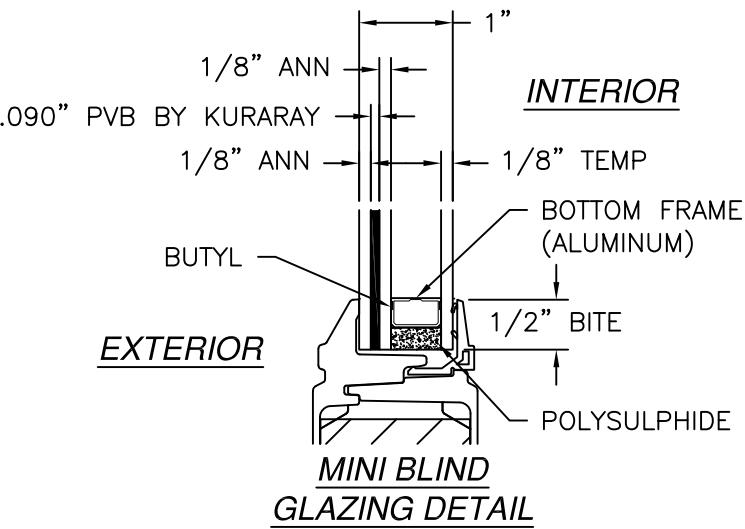
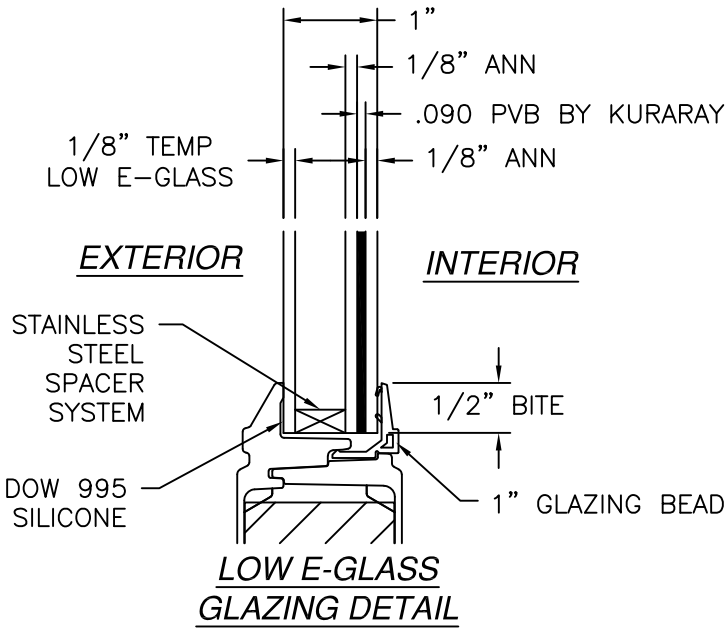
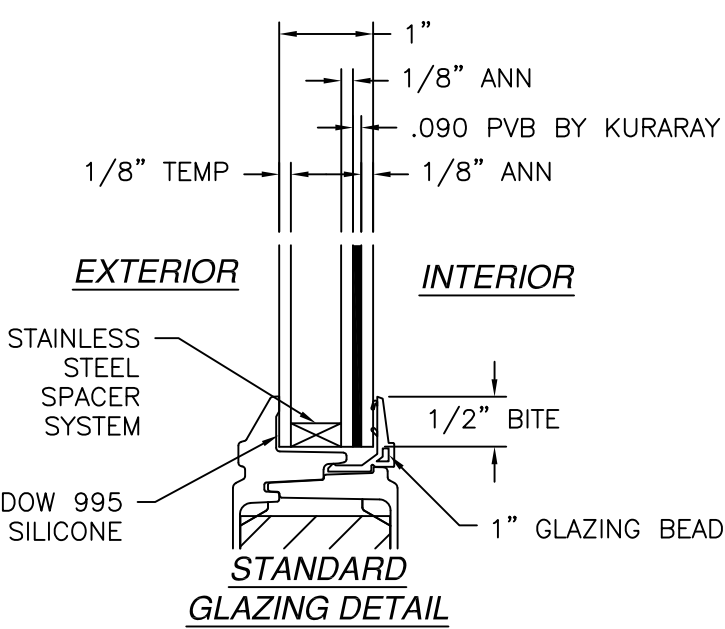
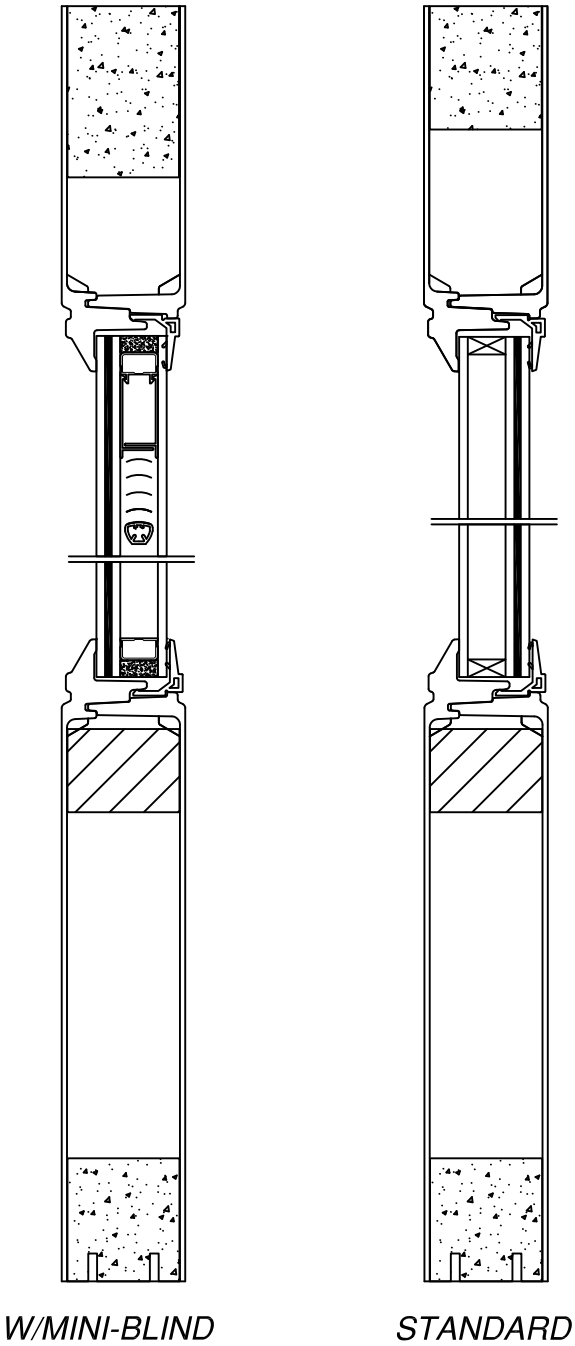
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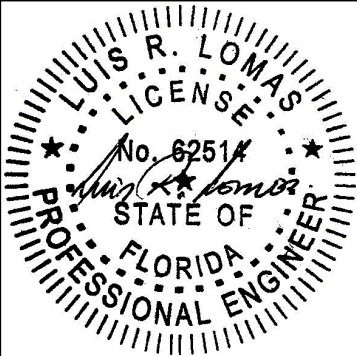
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APPROVED PANEL CONFIGURATIONS



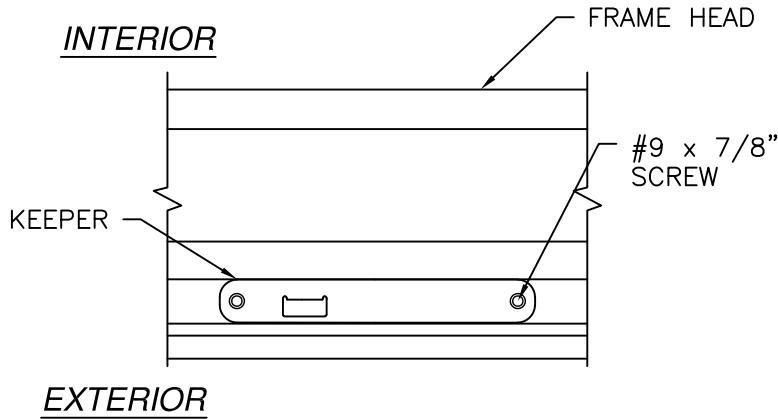
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4016 SHADRACK ST. HOUSTON, TX 77013		
OUT-SWING ENTRANCE DOOR (SLPS) W/ & W/O SIDELITES FIBERGLASS CLAD GLAZING DETAILS		
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

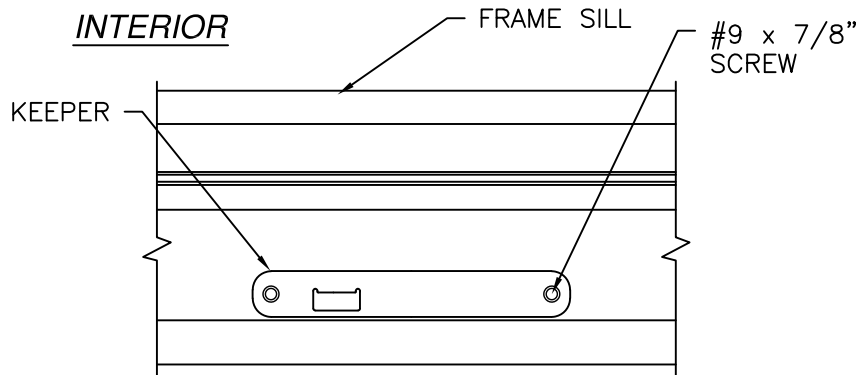


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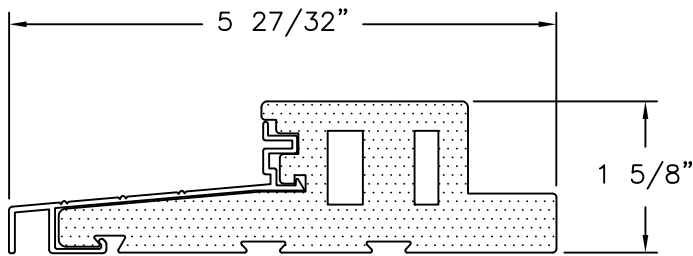
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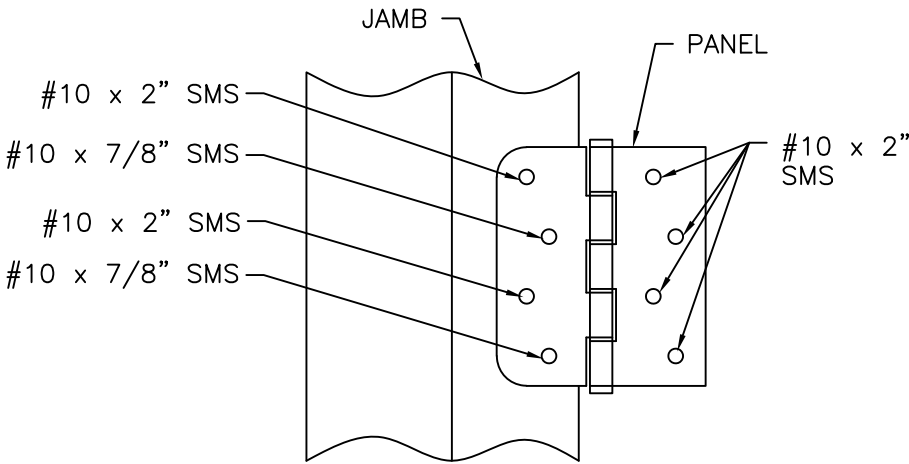
HEAD KEEPER DETAIL



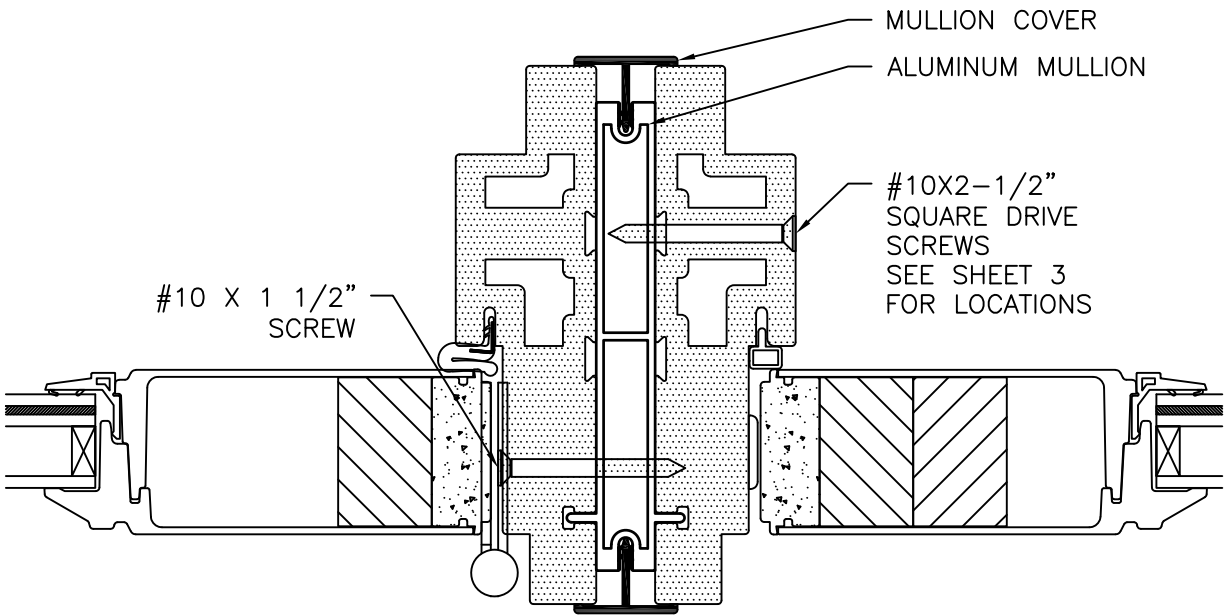
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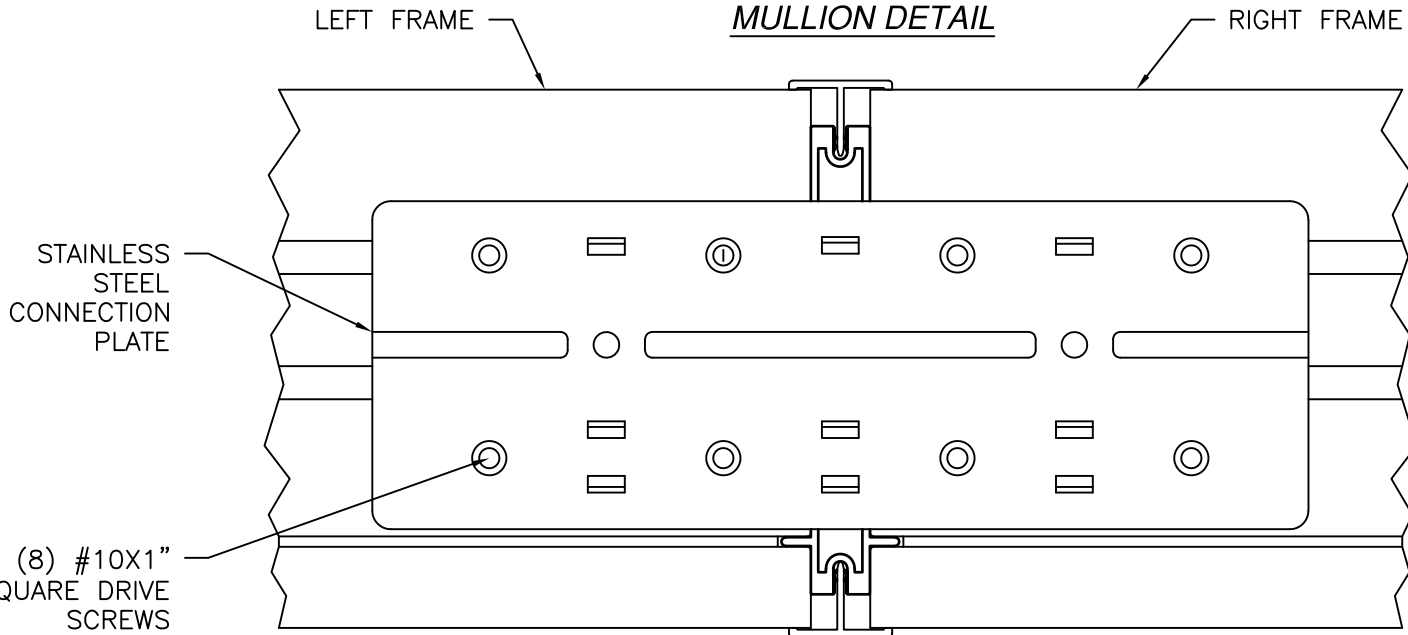
OUTSWING DOOR SILL DETAIL



HINGE INSTALLATION DETAIL



MULLION DETAIL

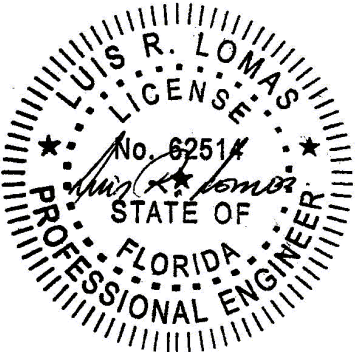


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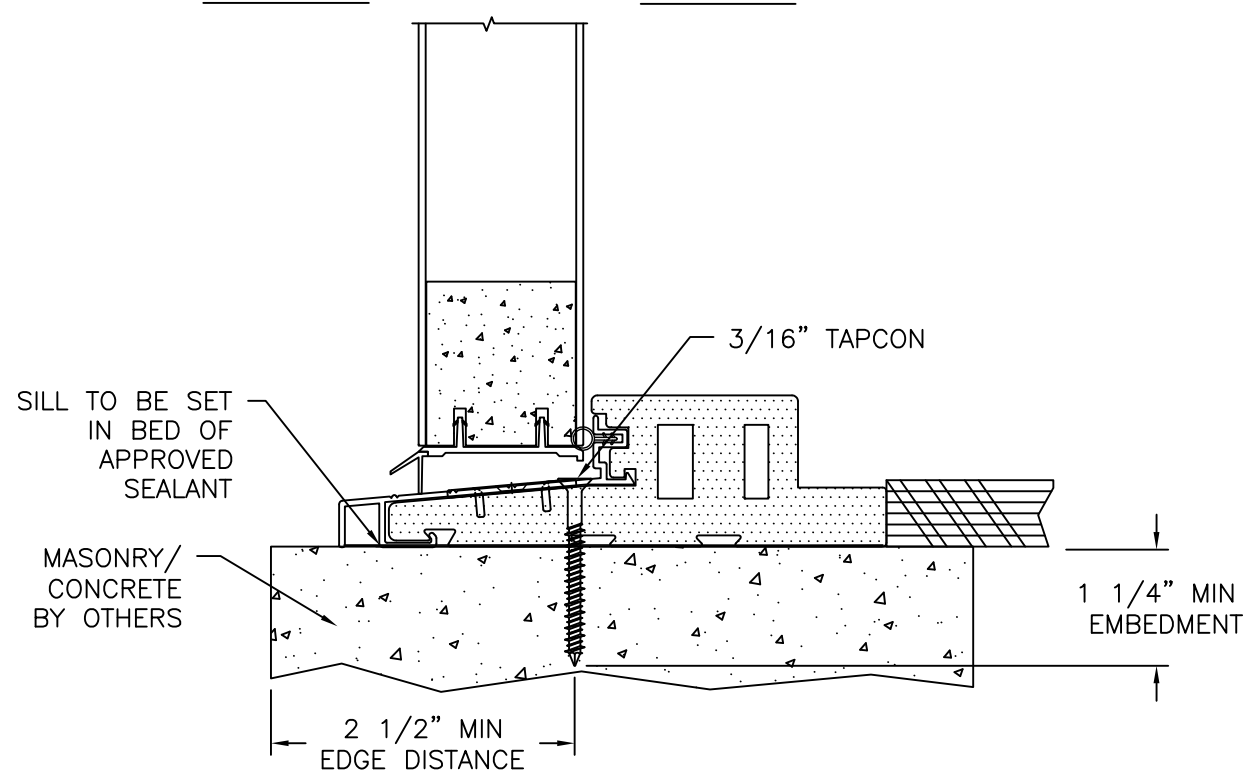
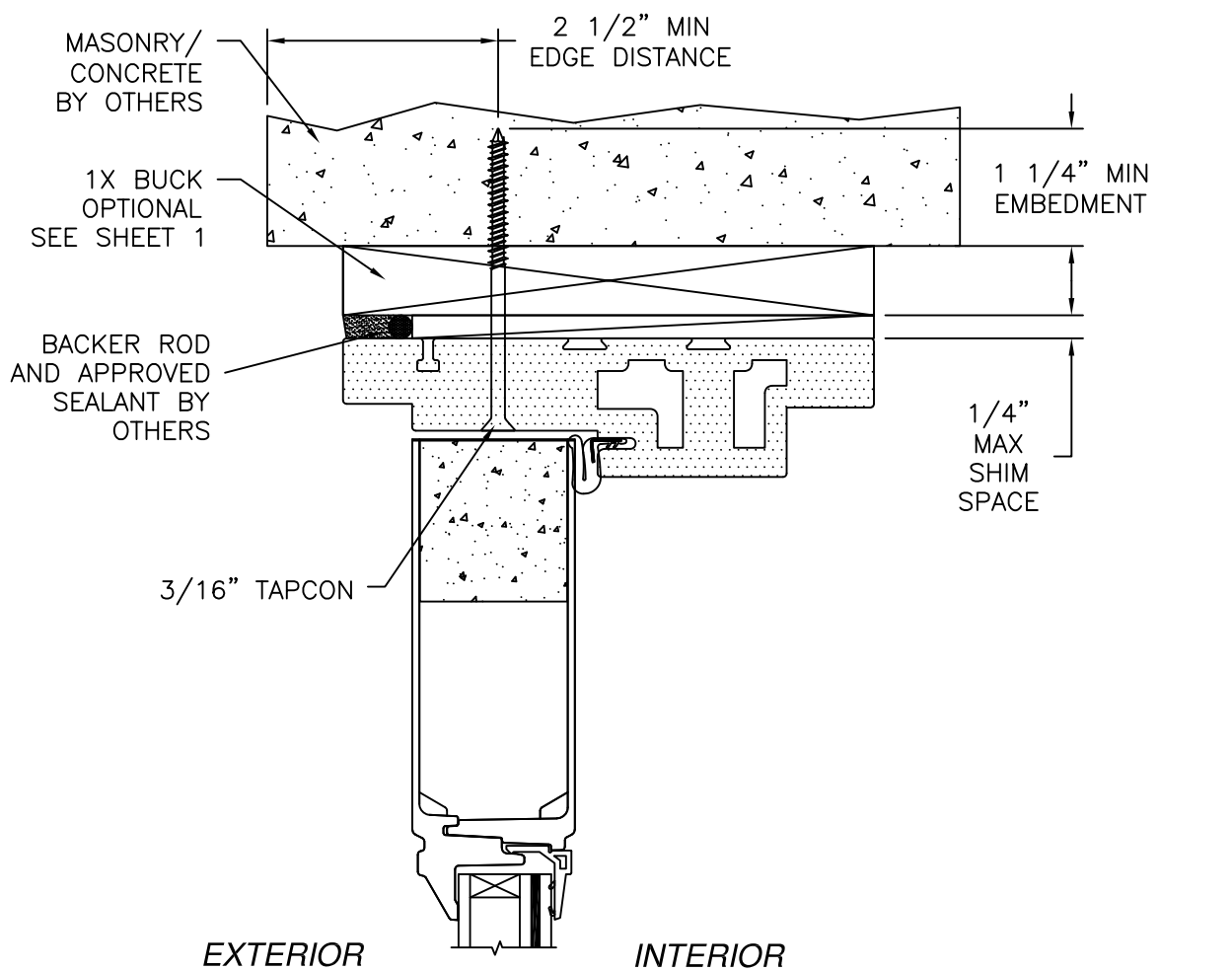
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HARDWARE SCHEDULE	
A.	(3) 4" BUTT HINGE
B.	2 POINT LOCK SYSTEM
C.	RIGID PVC ASTRAGAL WITH ALUMINUM REINFORCEMENT

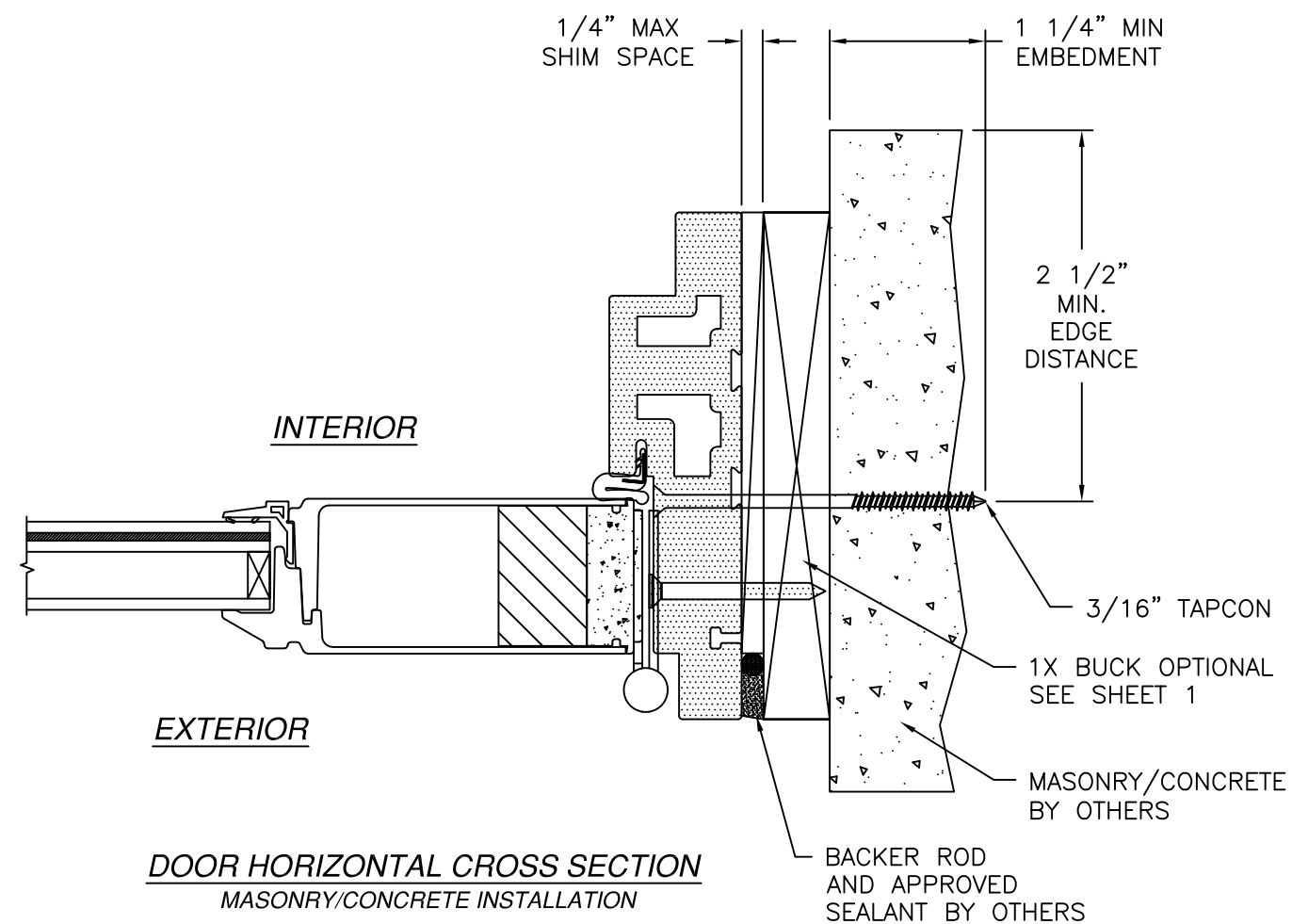
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OUT-SWING ENTRANCE DOOR (SLPS) W/ & W/O SIDELITES FIBERGLASS CLAD INSTALLATION DETAILS		
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SCALE NTS	DATE 01/07/13	SHEET 6 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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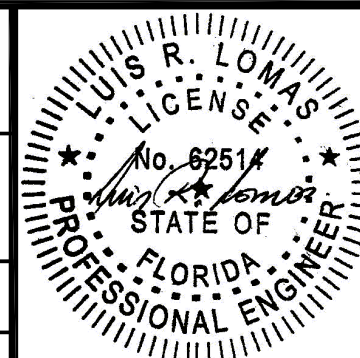
DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

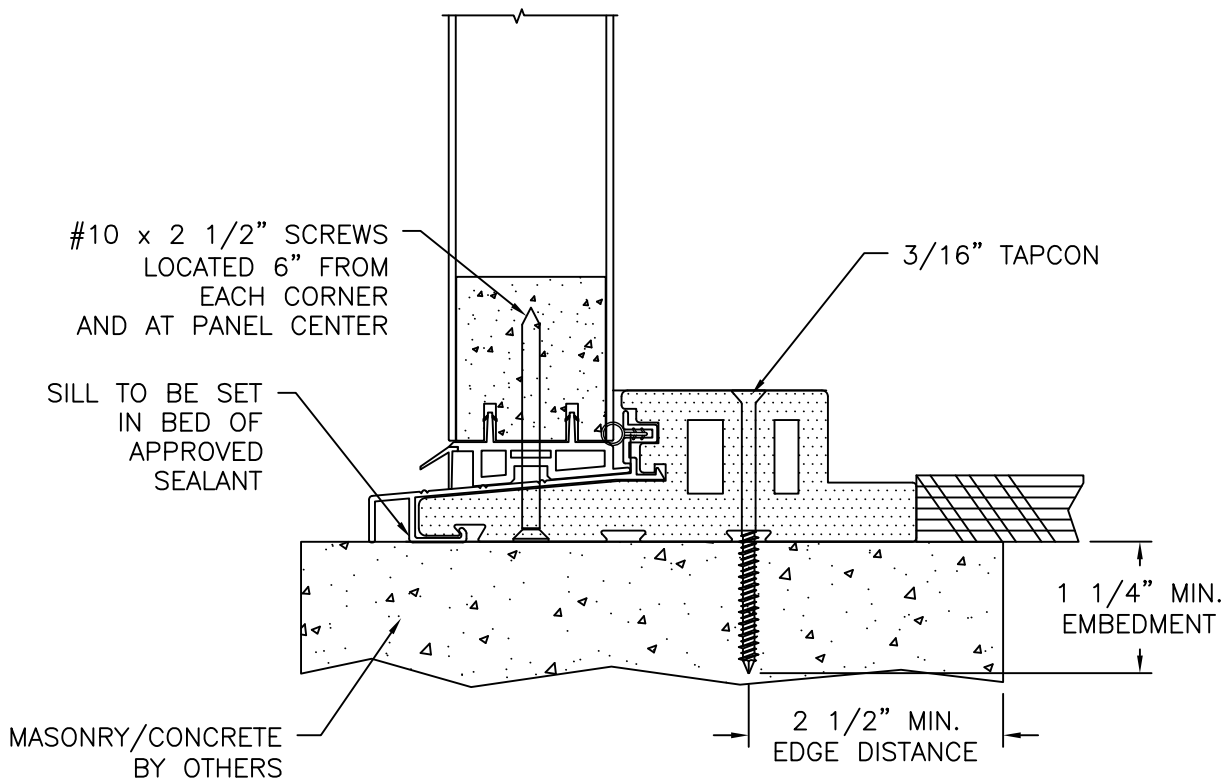
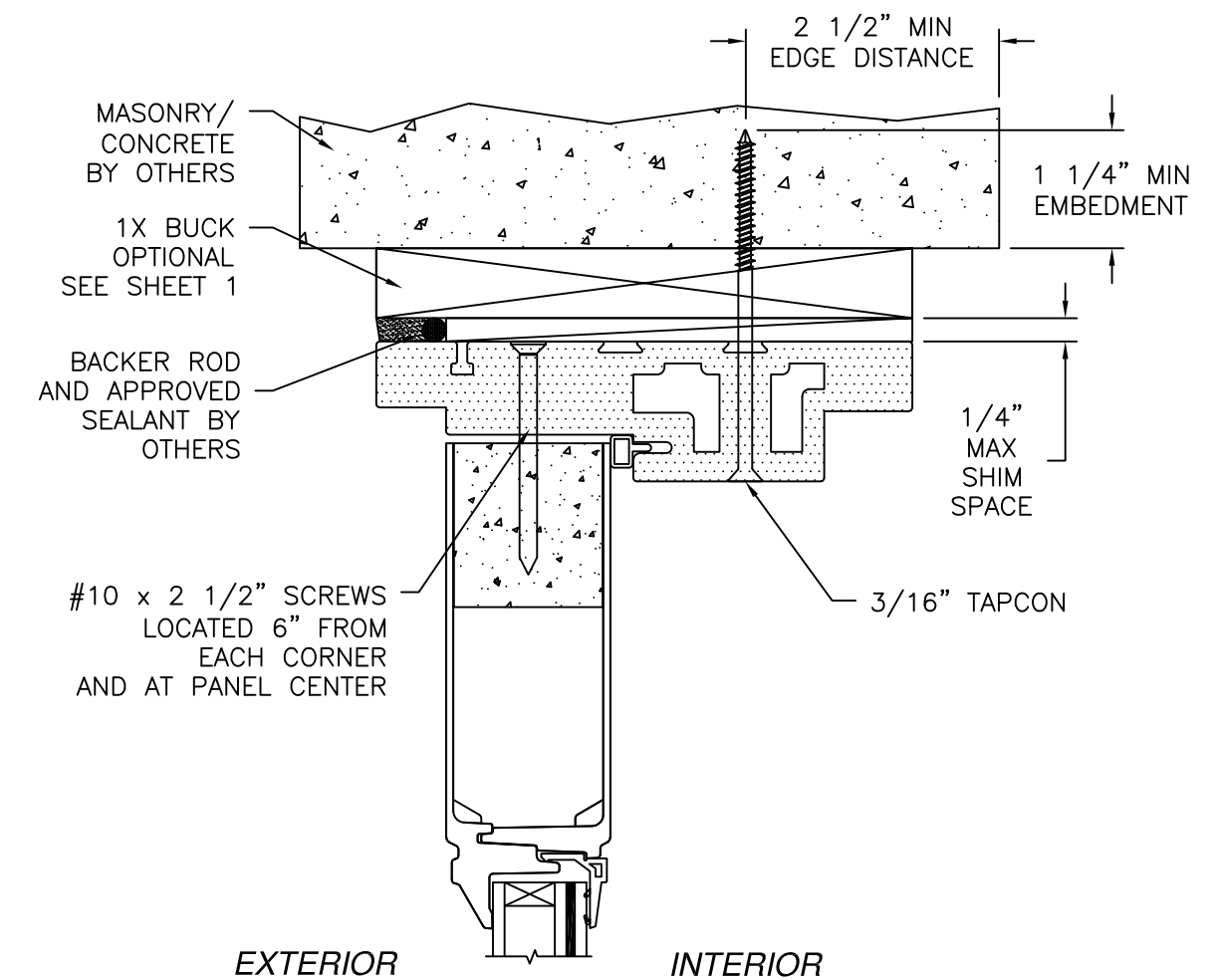
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
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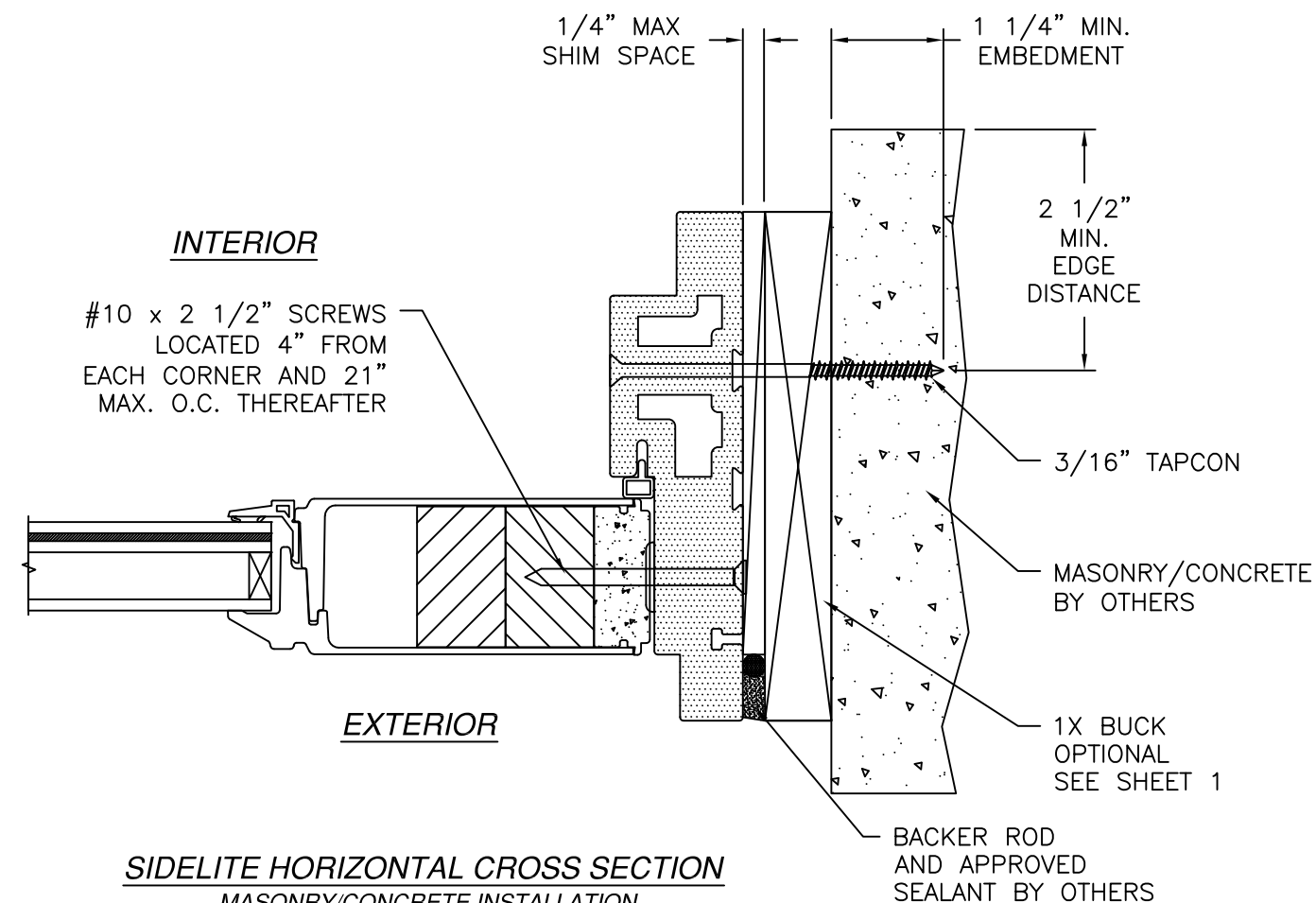
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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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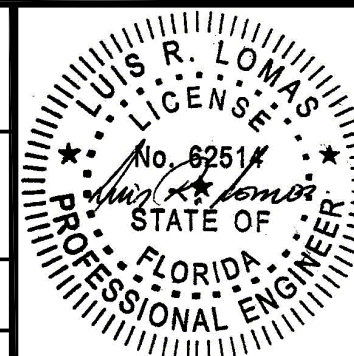


SIDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

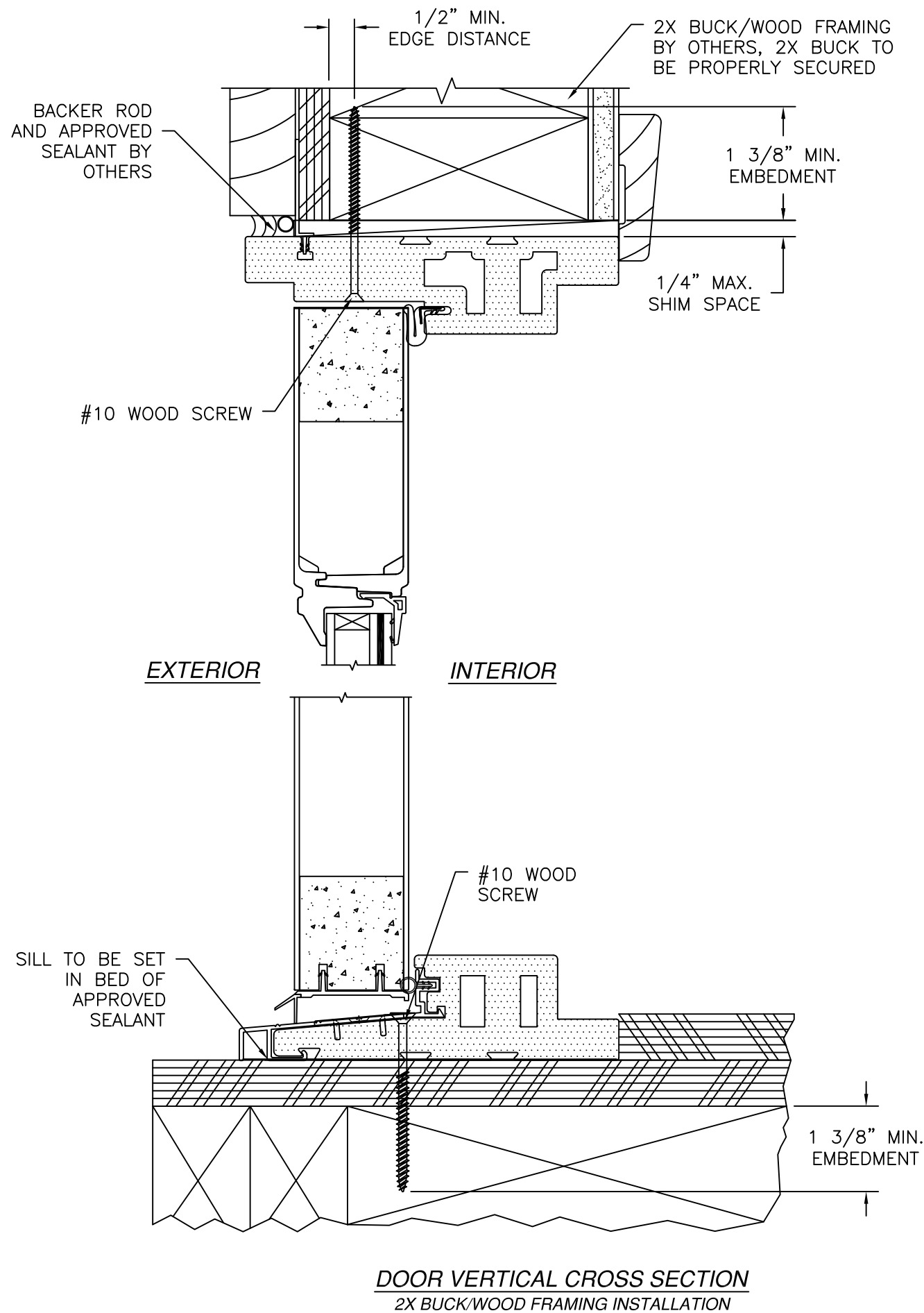
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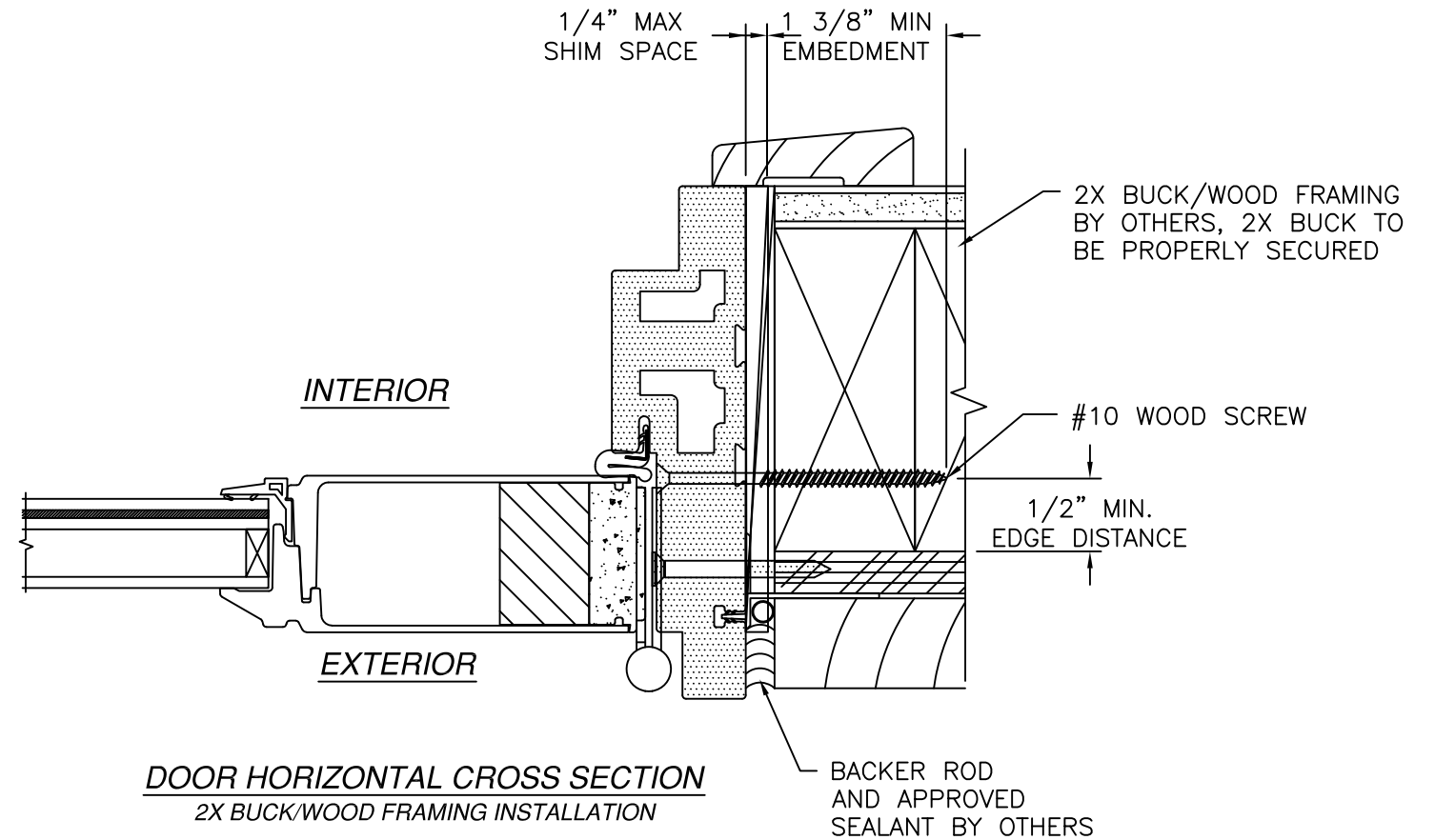
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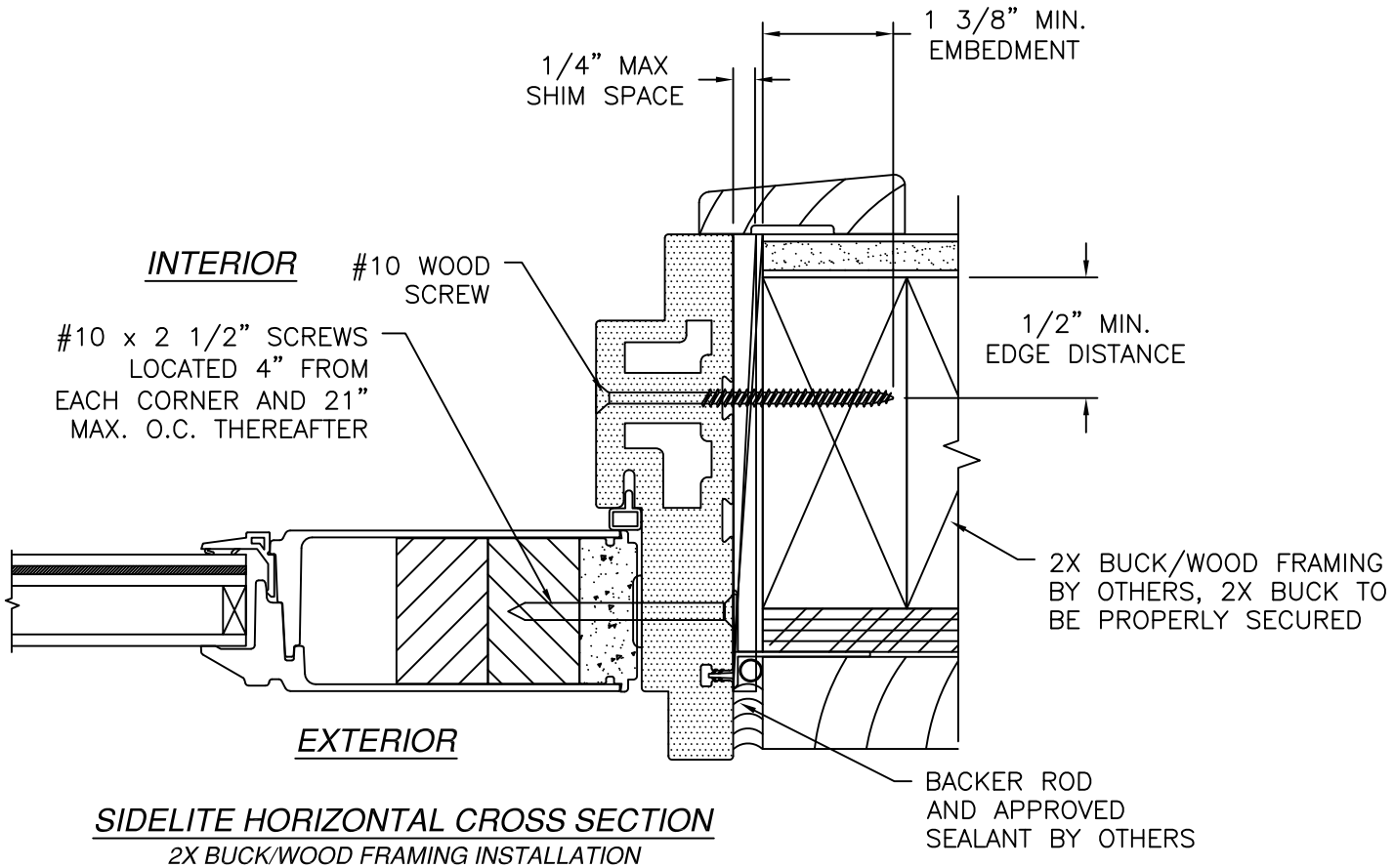
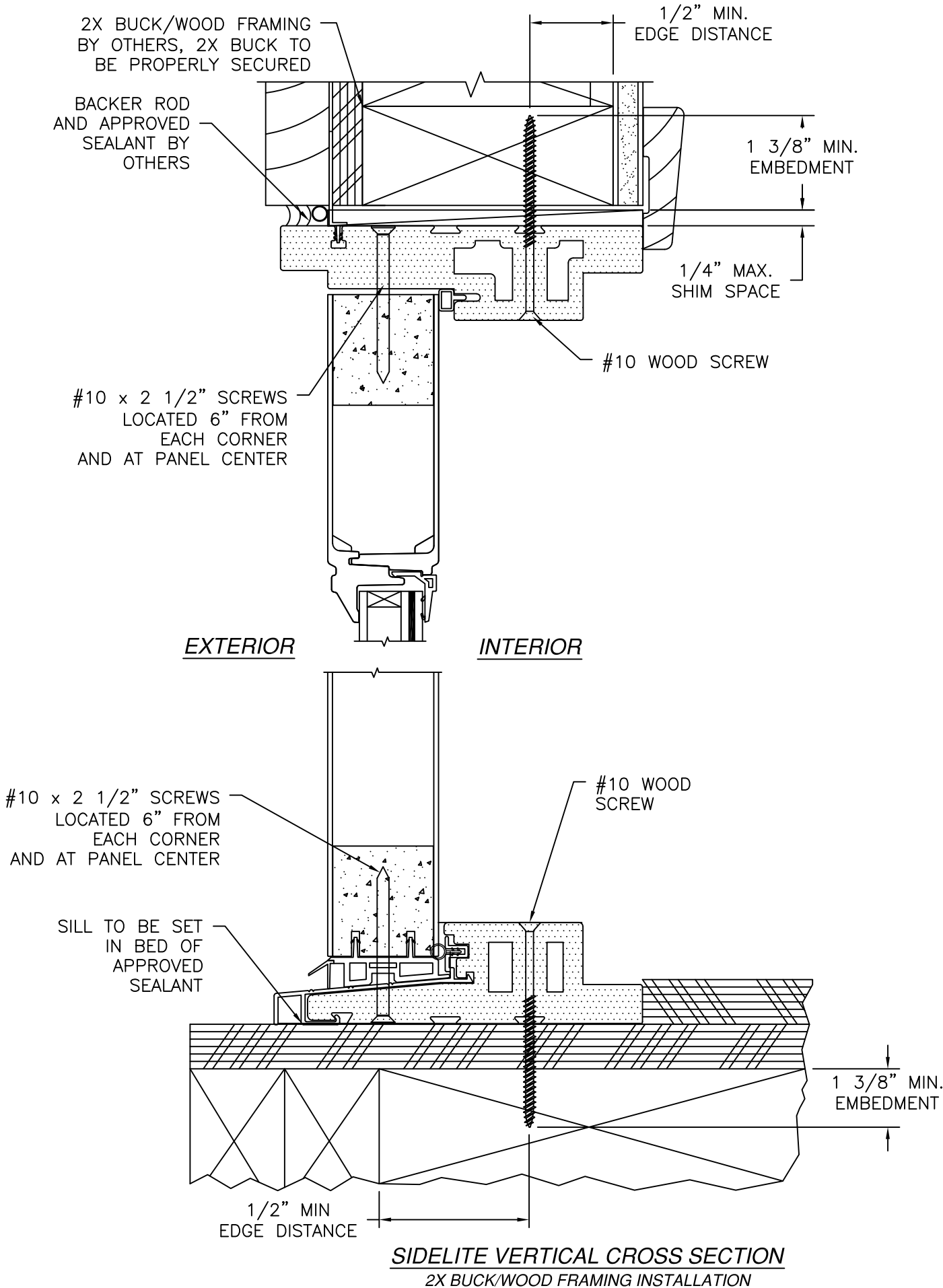


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SCALE NTS	DATE 01/07/13	SHEET 9 OF 10	
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4016 SHADRACK ST.
HOUSTON, TX 77013

OUT-SWING ENTRANCE DOOR (SLPS)
W/ & W/O SIDELITES FIBERGLASS CLAD
INSTALLATION DETAILS

DRAWN:
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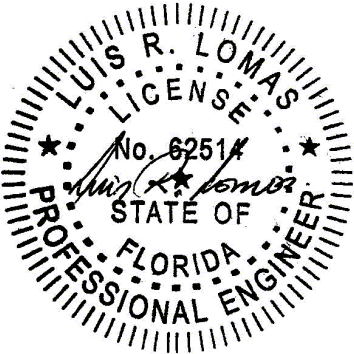
DATE
01/07/13

SHEET
10 OF 10

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