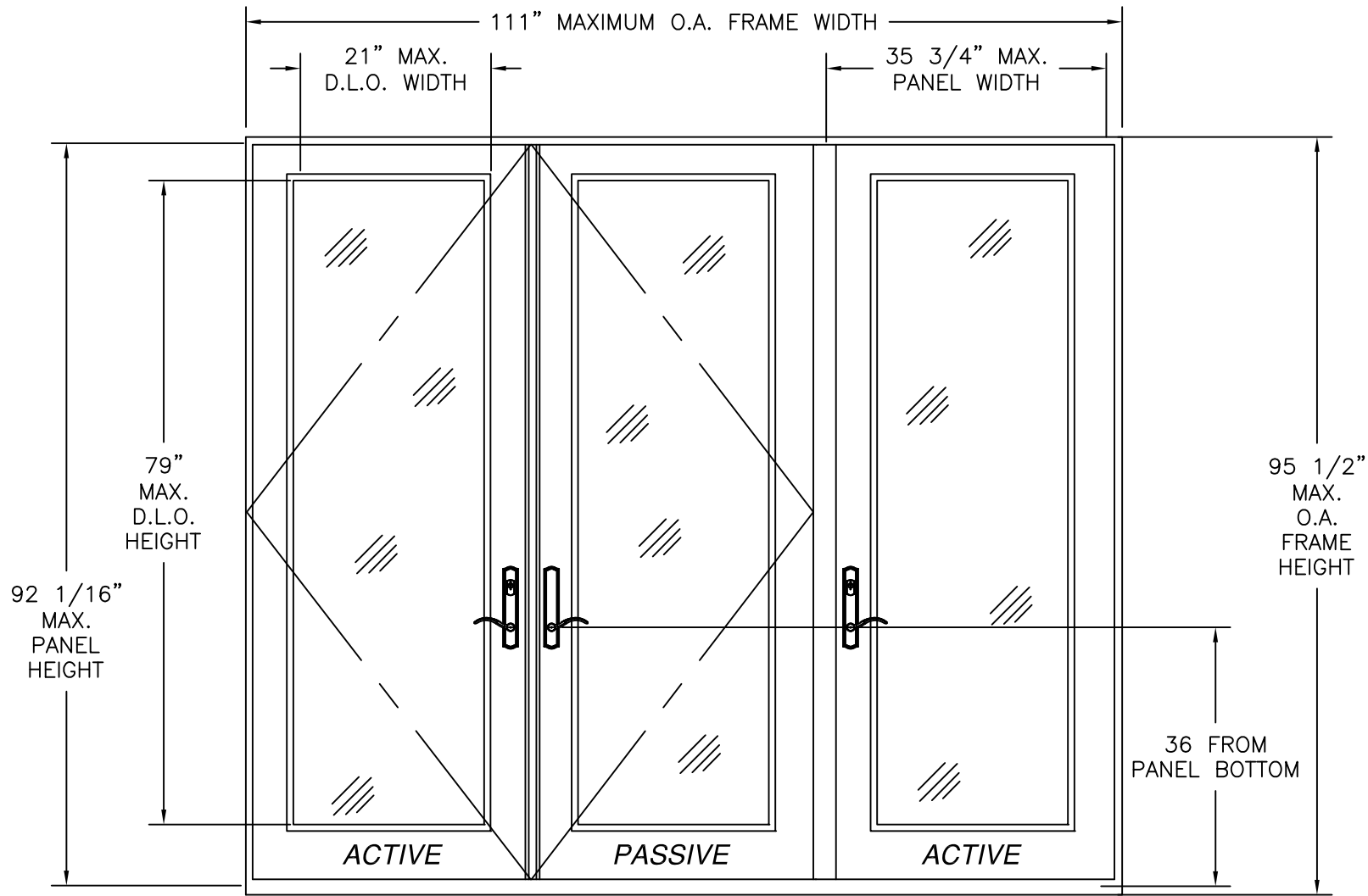


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SERIES 9'0 x 8'0 FIBERGLASS IN-SWING GLAZED DOUBLE DOOR W/ SIDELITE
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D WIND ZONE 3
WHERE WATER RESISTANCE IS NOT REQUIRED

DESIGN PRESSURE RATING	IMPACT RATING
+25.0 PSF -50.0 PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D WIND ZONE 3
WHERE WATER RESISTANCE IS REQUIRED

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	ADDITIONAL CONFIGURATIONS AND HARDWARE
3	GLAZING DETAILS
4	ANCHORING LAYOUTS AND NOTES
5	ASTRAGAL AND MULLION DETAILS
6 – 9	INSTALLATION DETAILS

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 2 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 1 1/2" THICK.
- 8) FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 2" THICK WITH ALUMINUM CLADDING .063" THICK.
- 9) DOOR PANEL 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.
- 10) APPROVED CONFIGURATIONS: X, XX, XXX. SEE SHEET 2.
- 11) HINGE LOCATION: FROM TOP OF PANEL DOWN AT 7 3/4", 33 1/4", 58 3/4" AND 84 5/16".

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SERIES 9'0 X 8'0 FIBERGLASS IN-SWING GLAZED
DOUBLE DOOR W/ AND W/O SIDELITES
XXX ELEVATIONS AND NOTES

DRAWN:
TJH

DWG NO.
08-01165D

REV
D

SCALE
NTS

DATE
11/03/10

SHEET
1 OF 9

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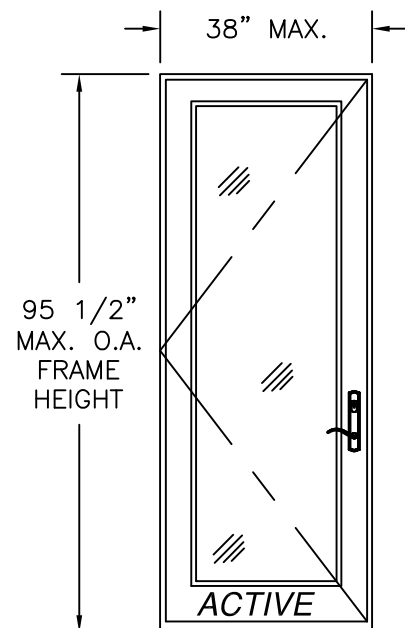
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PROFESSIONAL ENGINEER

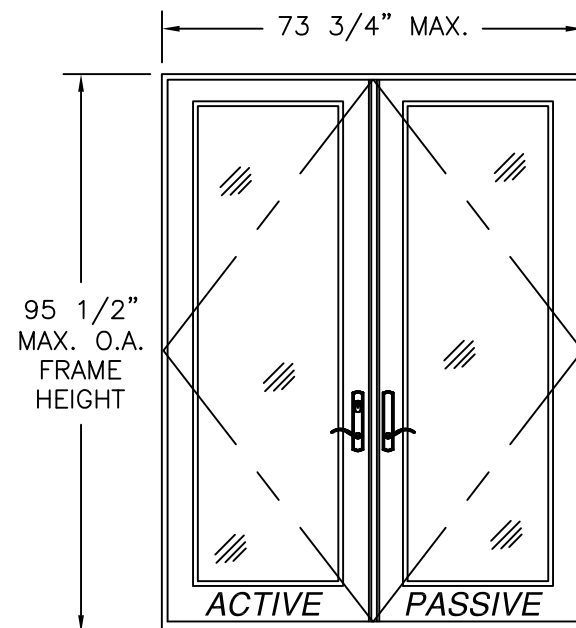
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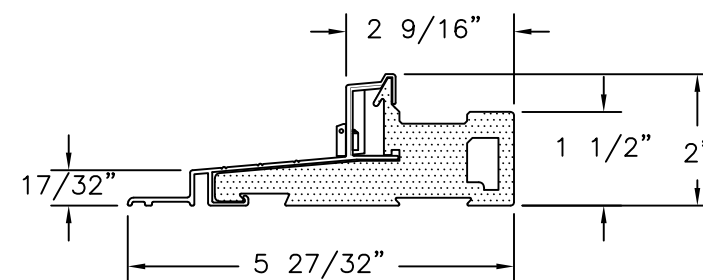
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FL No.: 62514



SINGLE
EXTERIOR VIEW

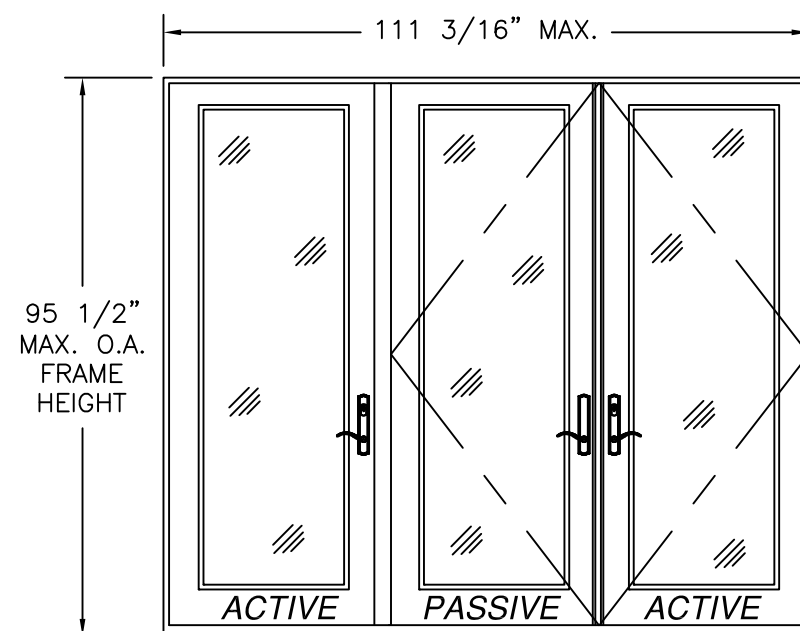


DOUBLE
EXTERIOR VIEW

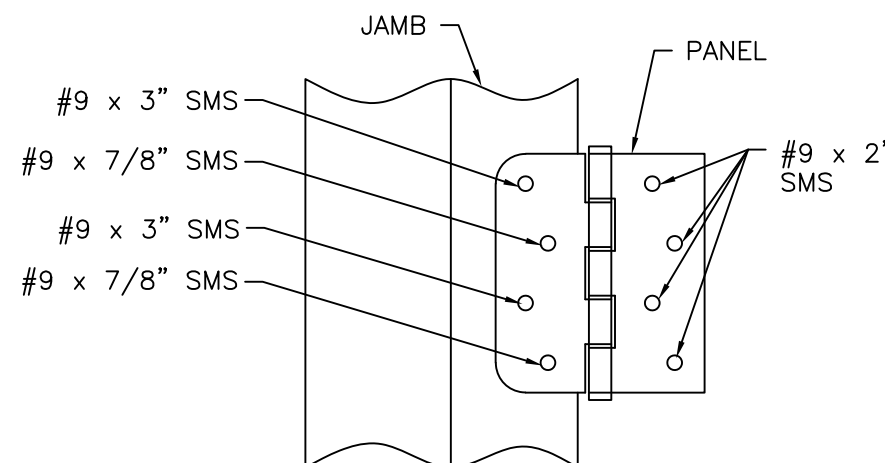


INSWING DOOR SILL DETAIL

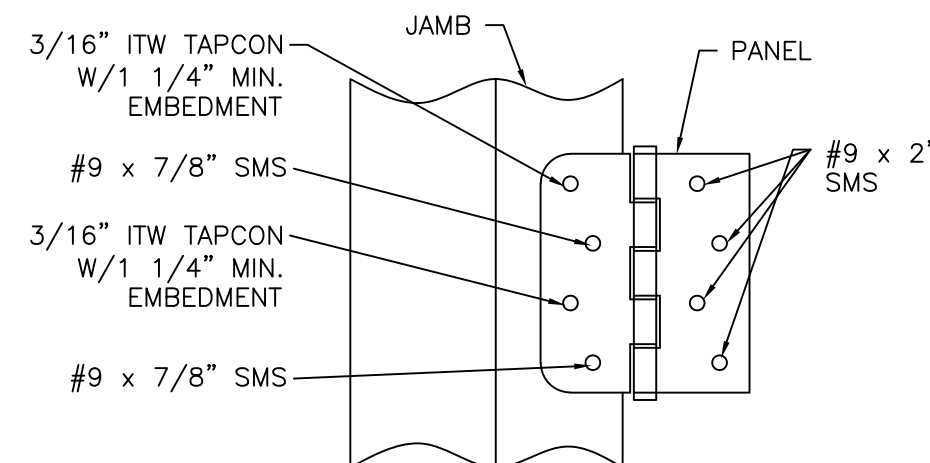
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TRIPLE
EXTERIOR VIEW



HINGE DETAIL
2X BUCK/WOOD FRAMING INSTALLATION



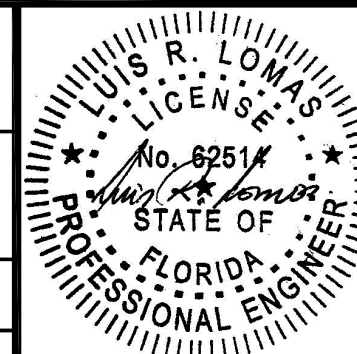
HINGE DETAIL
MASONRY/CONCRETE INSTALLATION

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

HARDWARE SCHEDULE
A. 3-POINT LOCK HANDLE ASSEMBLY NINGBO MICOTA LOCKS
B. (4) 4" x 4" BUTT HINGES BY WENZHOU LONGTAI HINGES
C. EXTRUDED ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
D. ALUMINUM CLAD WHITE PINE MULLION BY NAN YA PLASTICS

NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
SERIES 9'0 X 8'0 FIBERGLASS IN-SWING GLAZED DOUBLE DOOR W/ AND W/O SIDELITES ADDITIONAL CONFIGURATIONS AND HARDWARE		
DRAWN: TJH	DWG NO. 08-01165D	REV D
SCALE NTS	DATE 11/03/10	SHEET 2 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

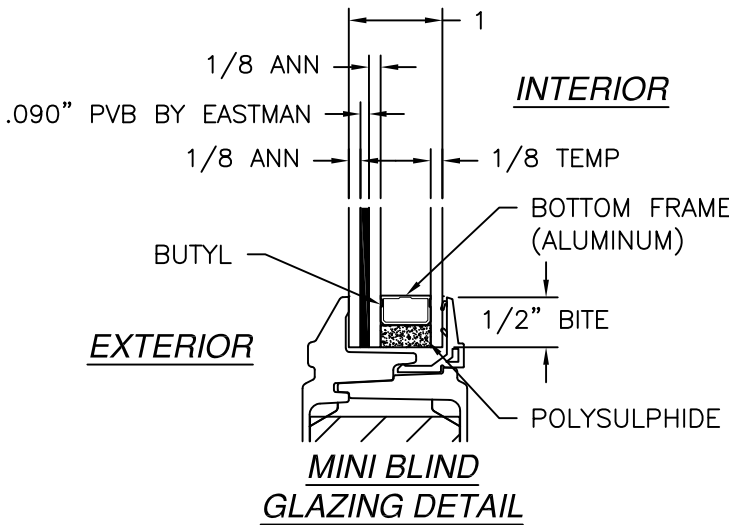
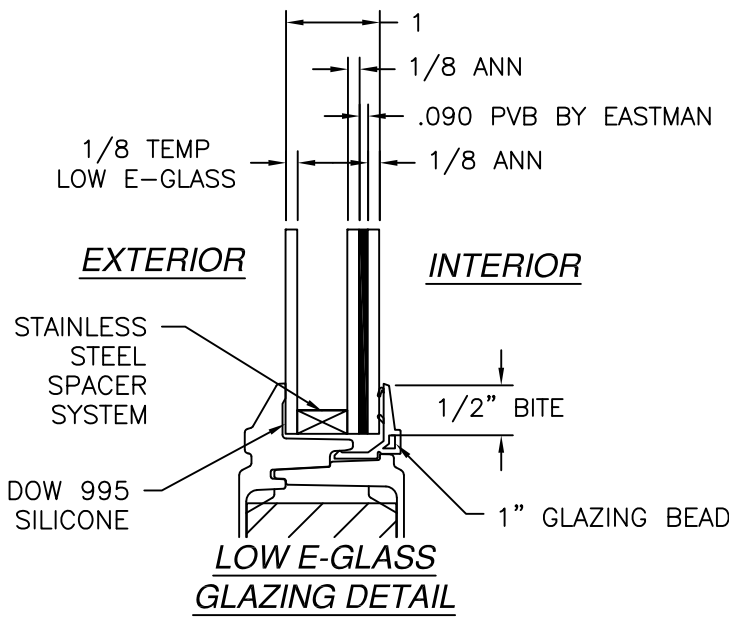
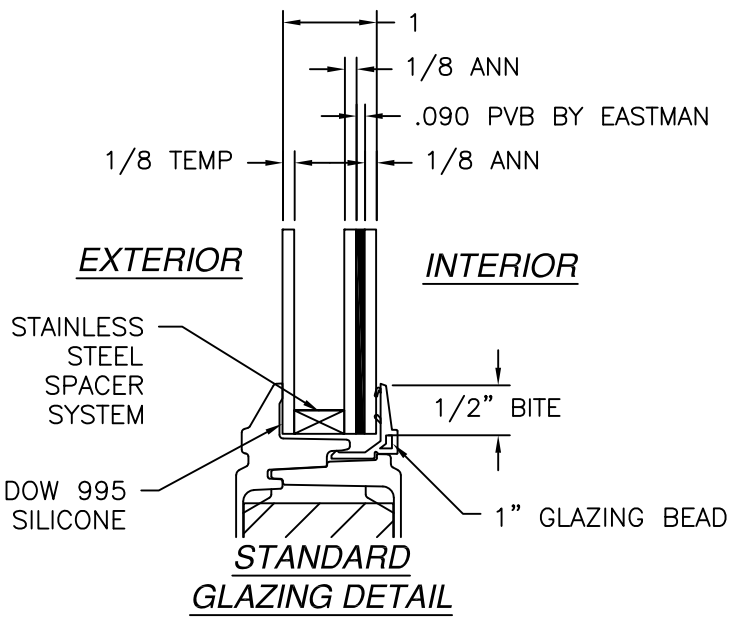
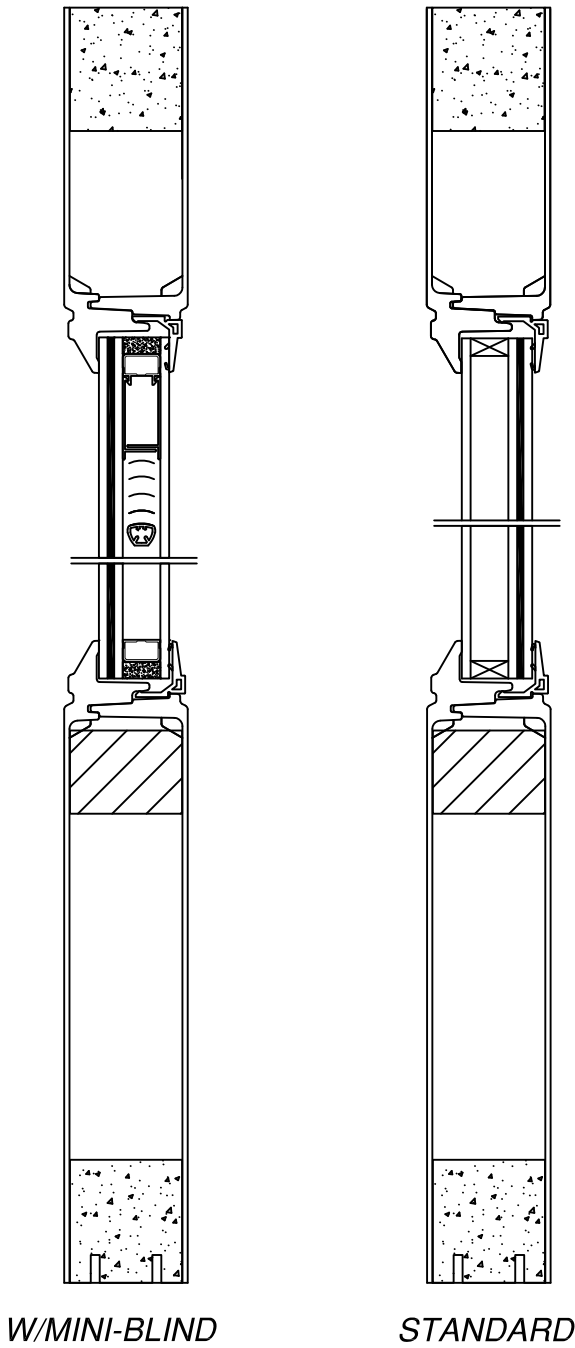
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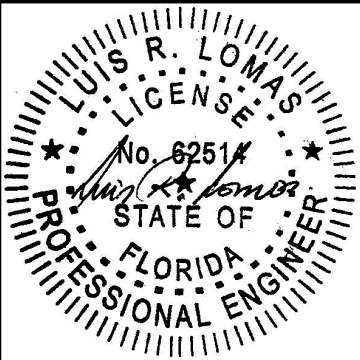
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APPROVED PANEL CONFIGURATIONS

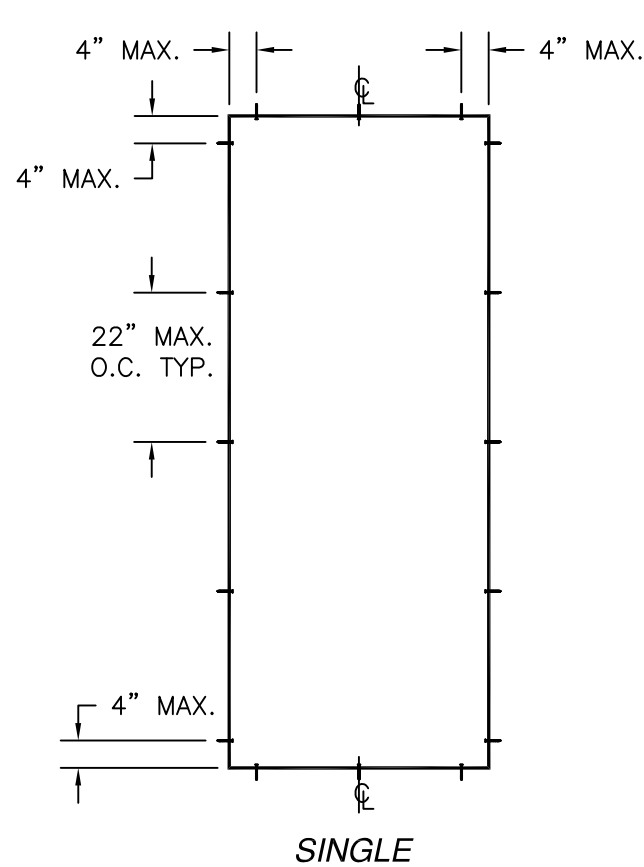


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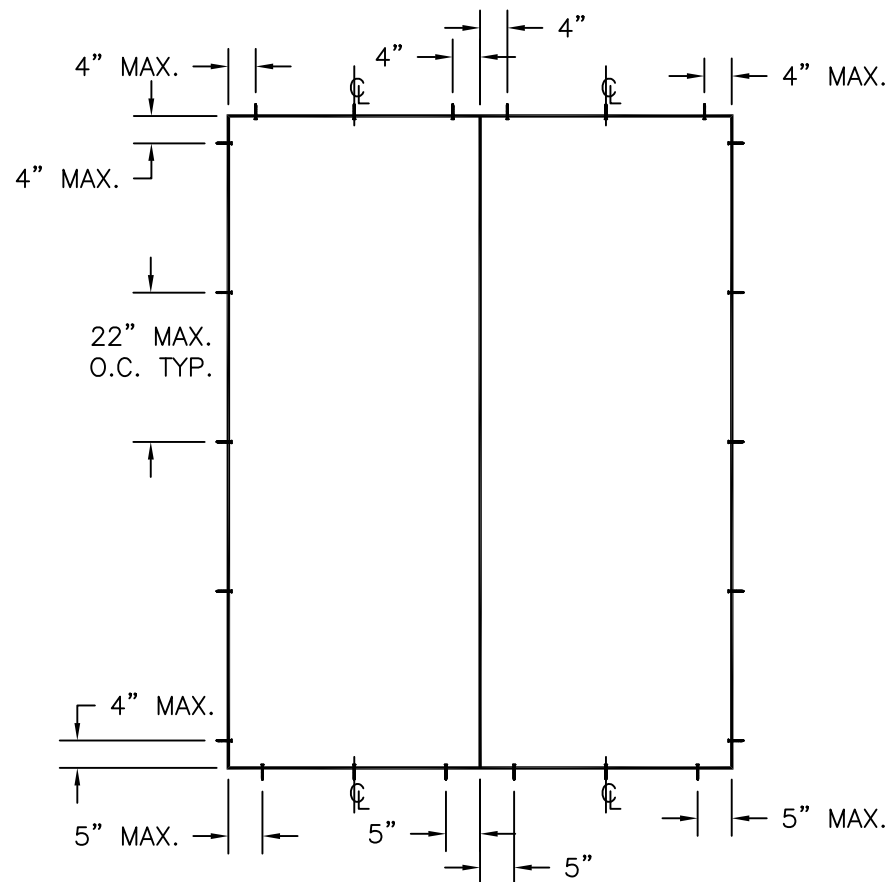
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DRAWN: TJH	DWG NO. 08-01165D	REV D
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



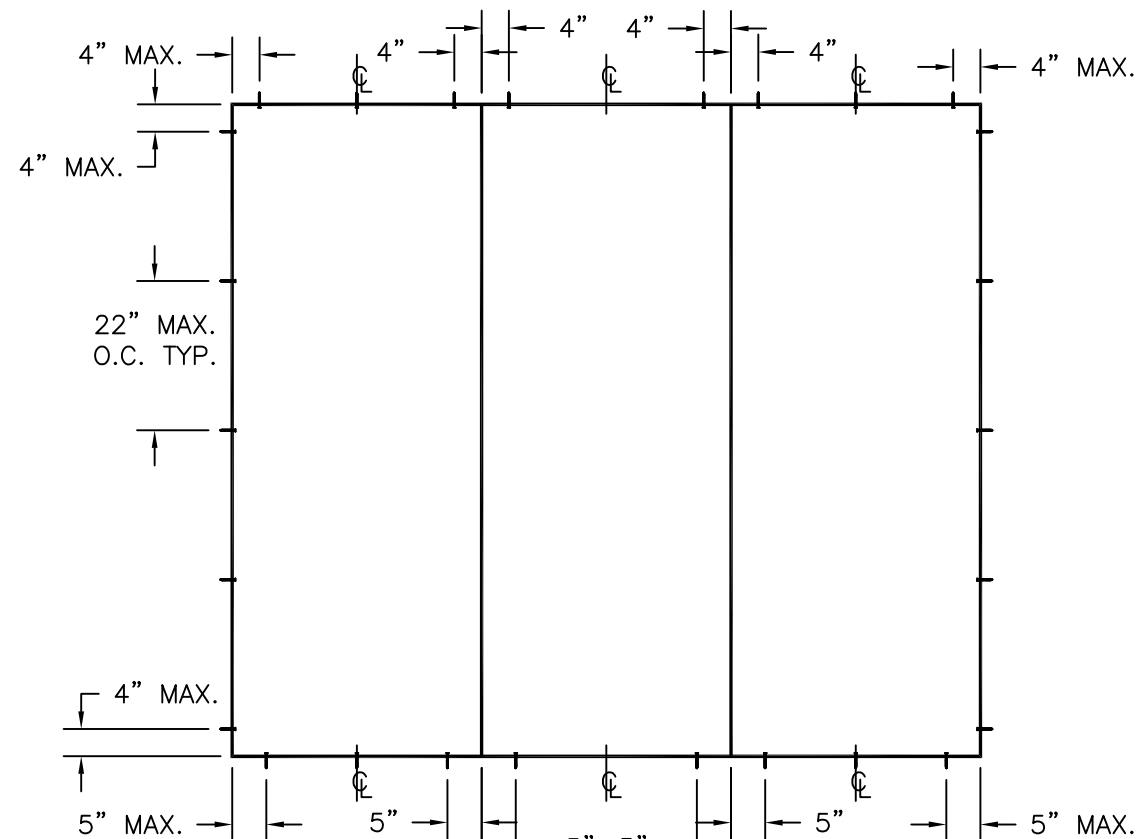
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SINGLE



DOUBLE



TRIPLE

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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 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.
3. 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.
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 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

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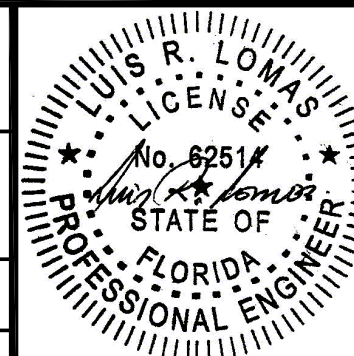
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HOUSTON, TX 77013

SERIES 9'0 X 8'0 FIBERGLASS IN-SWING GLAZED
DOUBLE DOOR W/ AND W/O SIDELITES
ANCHORING LAYOUTS AND NOTES

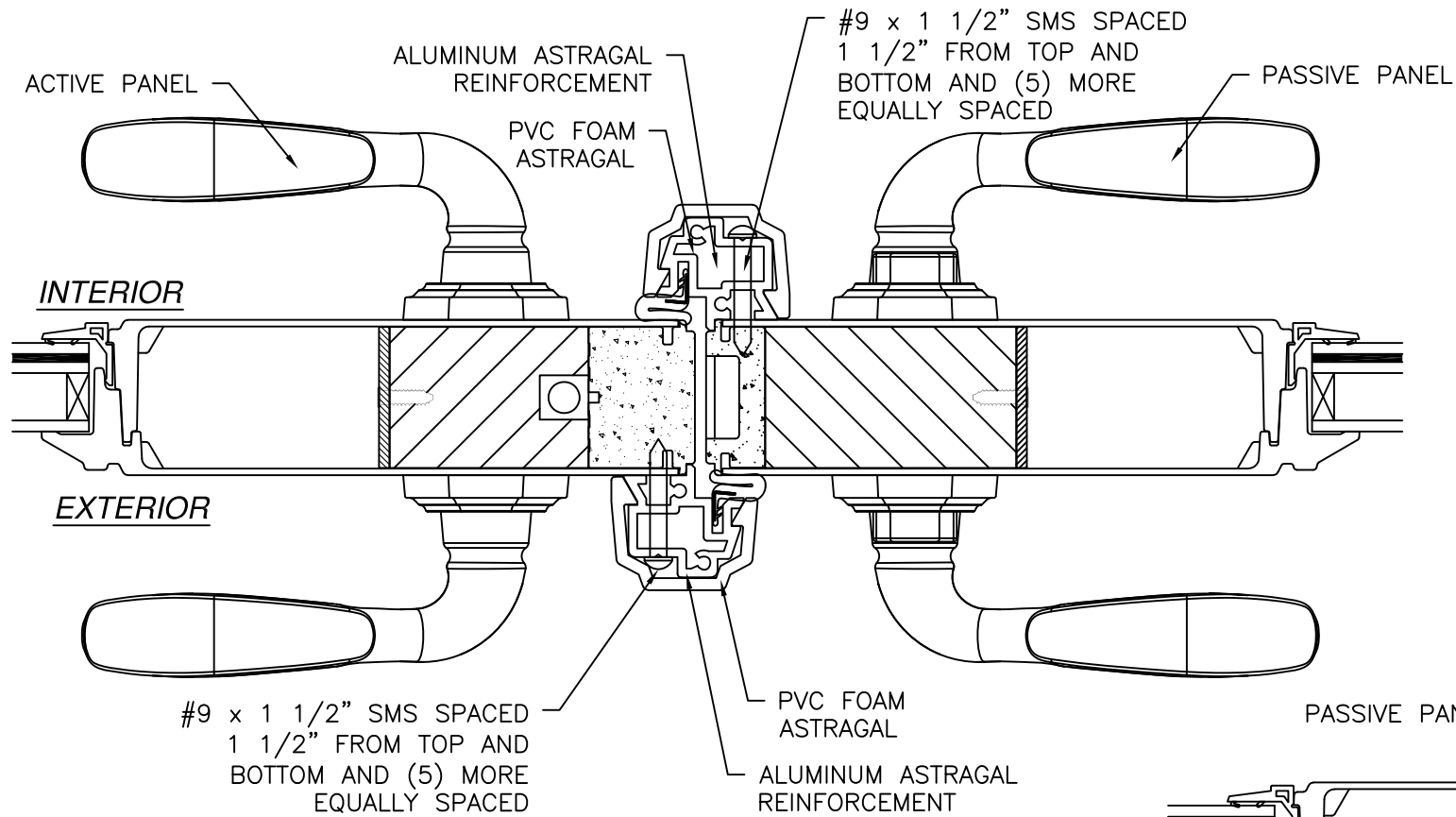
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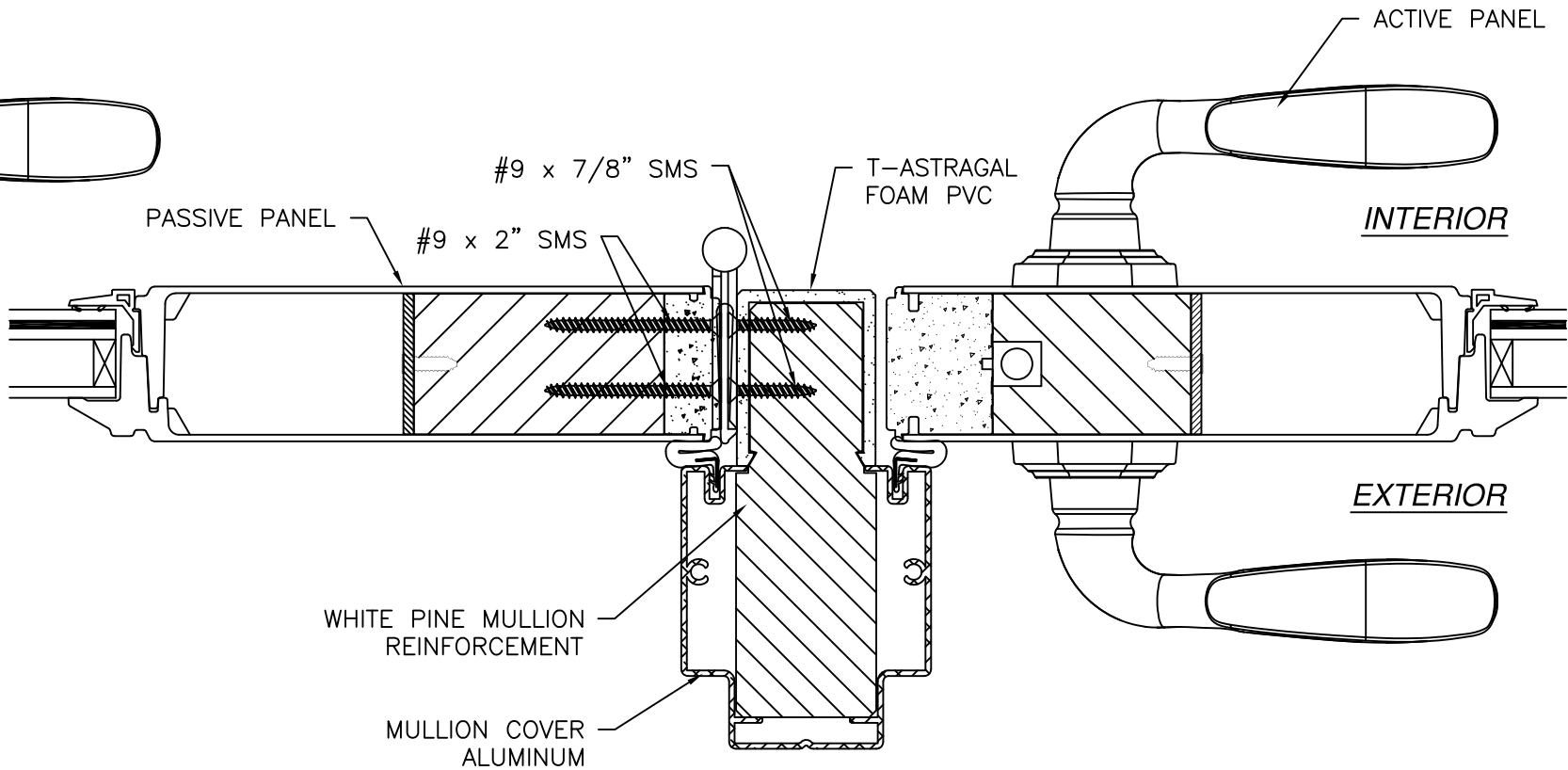


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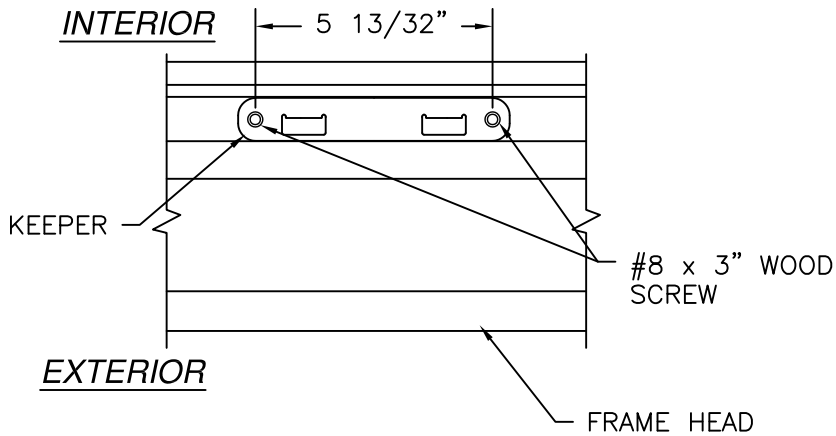
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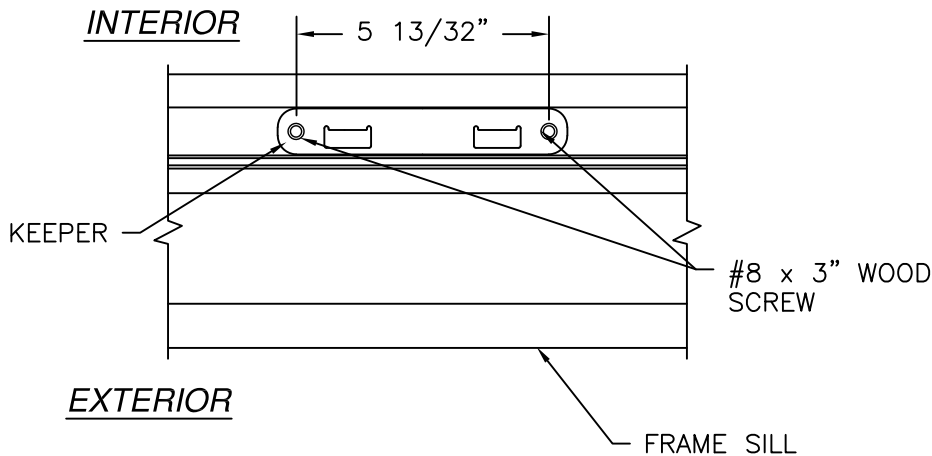
HORIZONTAL CROSS SECTION
ASTRAGAL DETAIL



HORIZONTAL CROSS SECTION
MULLION DETAIL



HEAD KEEPER DETAIL



SILL KEEPER DETAIL

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ASTRAGAL AND MULLION

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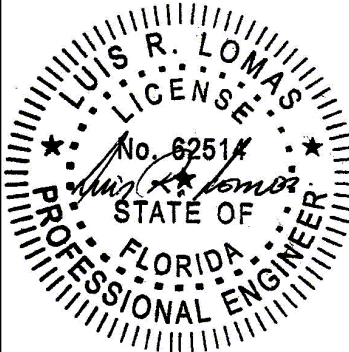
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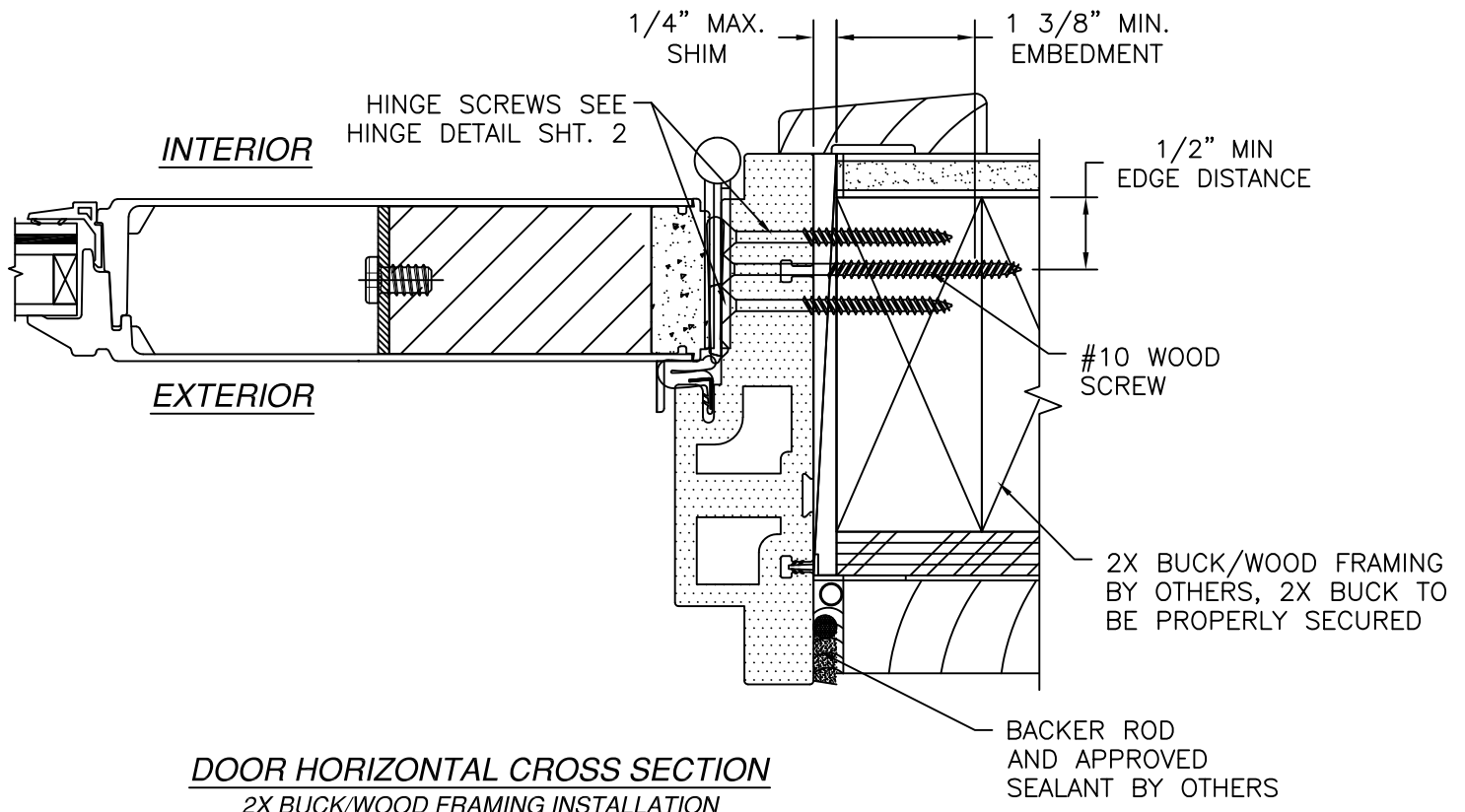
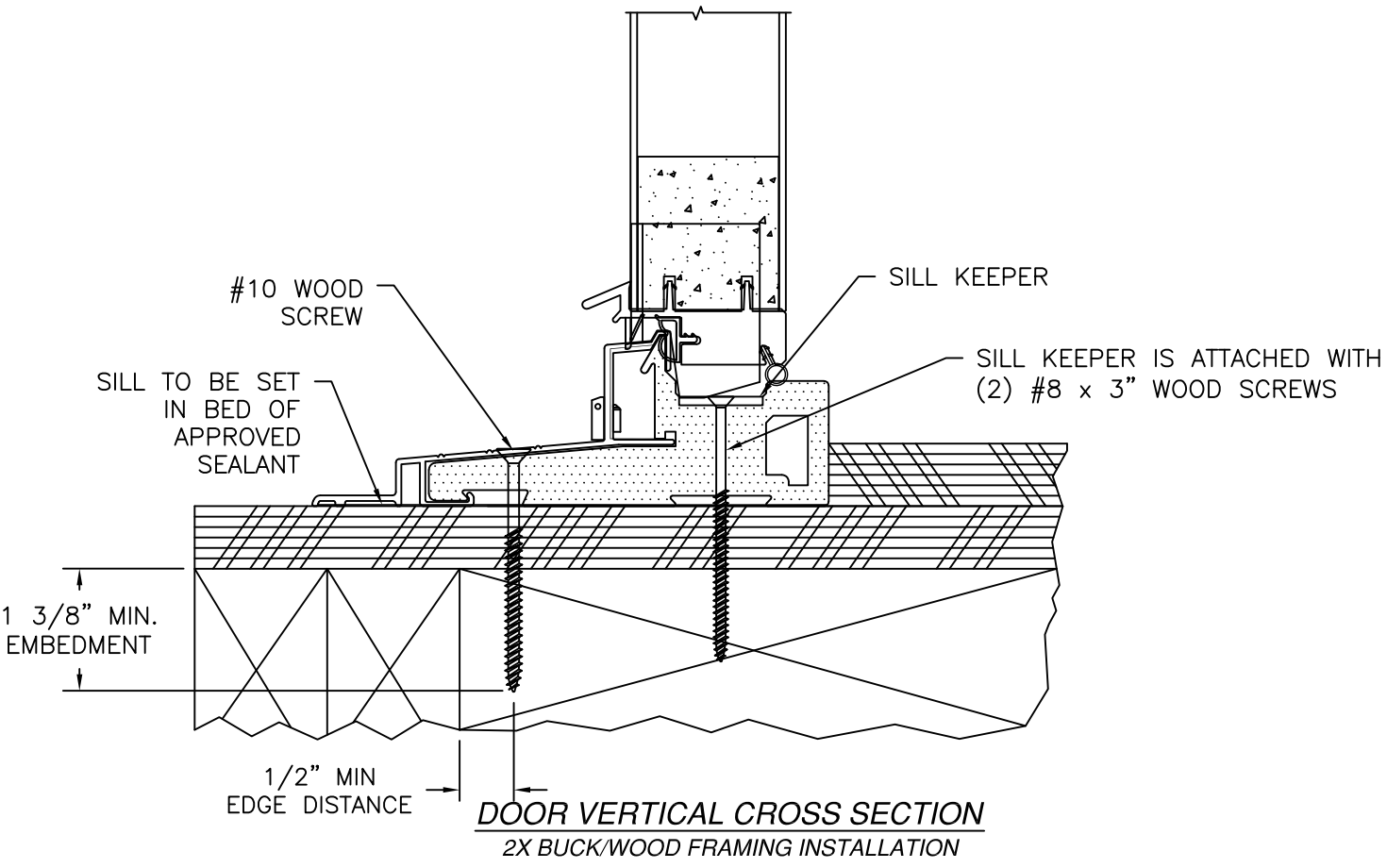
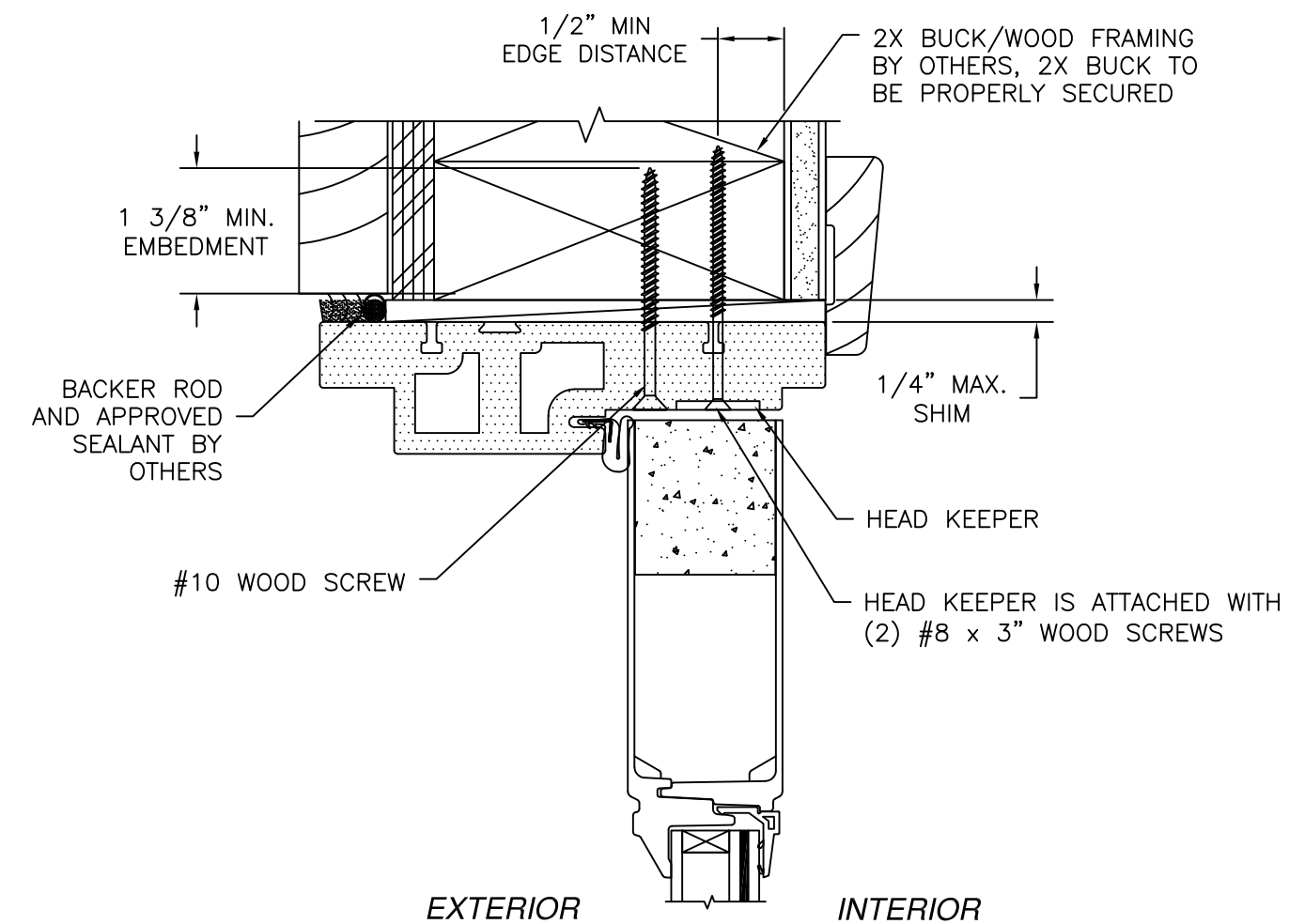
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NOTES:
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HOUSTON, TX 77013

SERIES 9'0 X 8'0 FIBERGLASS IN-SWING GLAZED
DOUBLE DOOR W/ AND W/O SIDELITES
INSTALLATION DETAILS

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SHEET 6 OF 9

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FLORIDA

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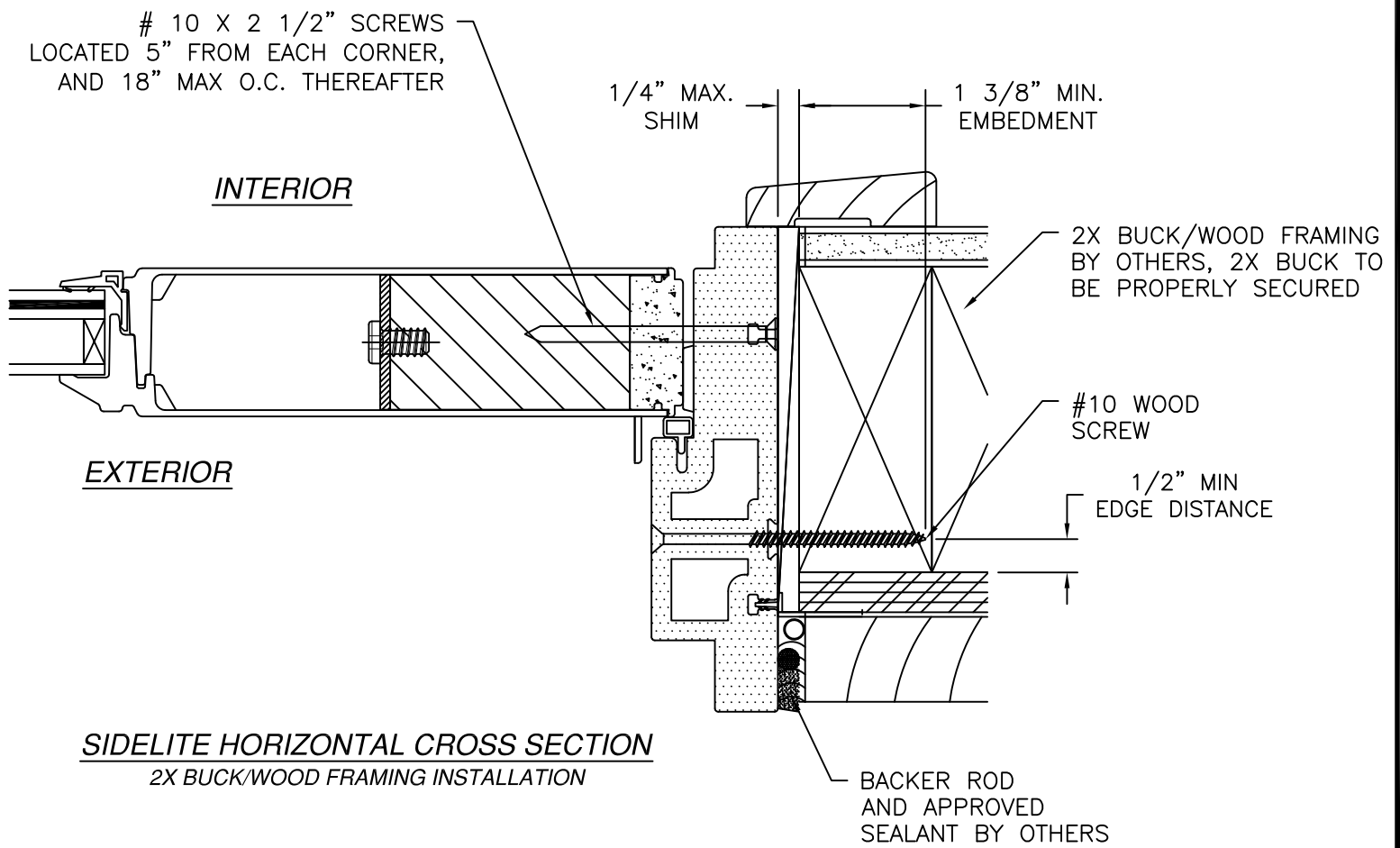
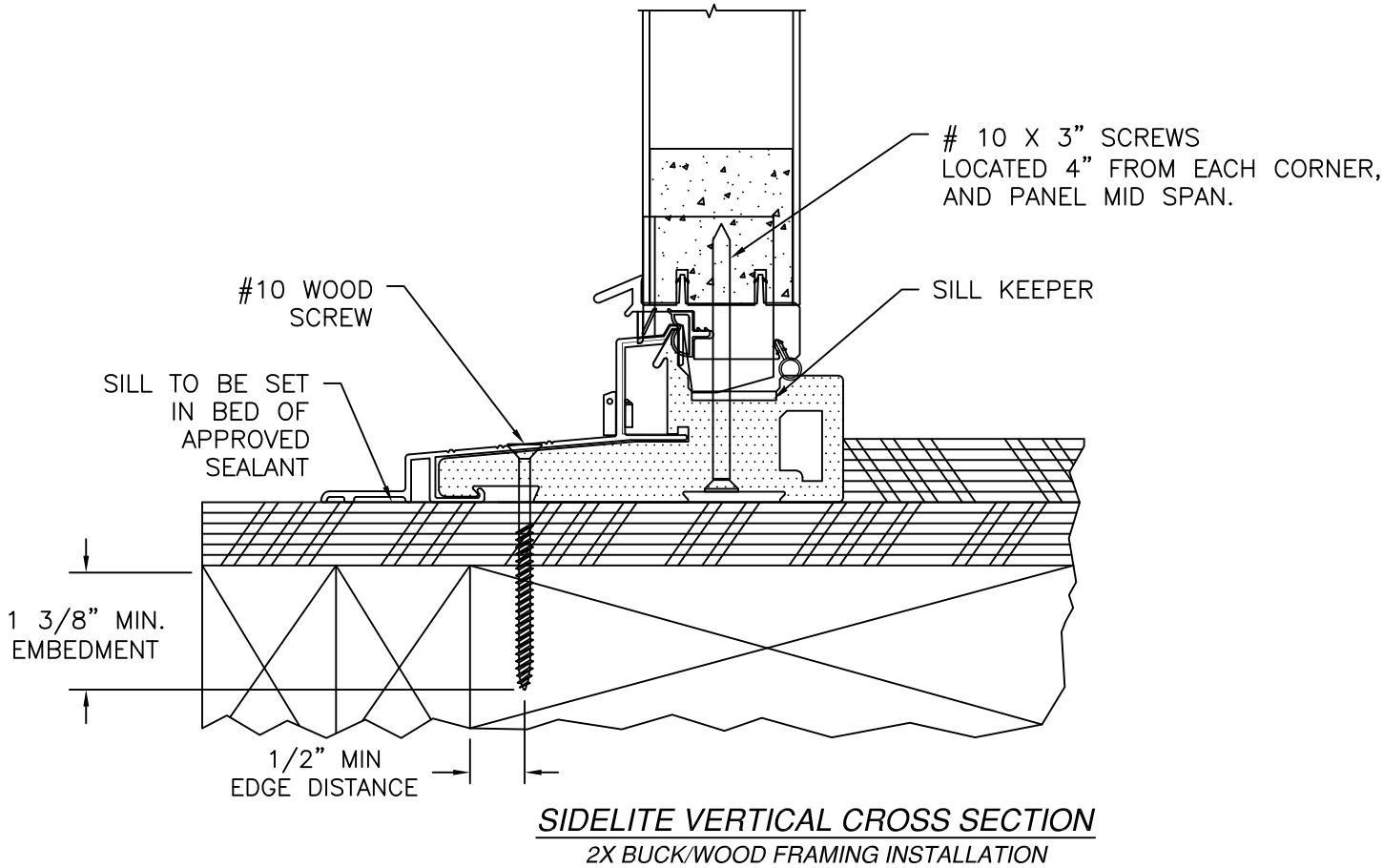
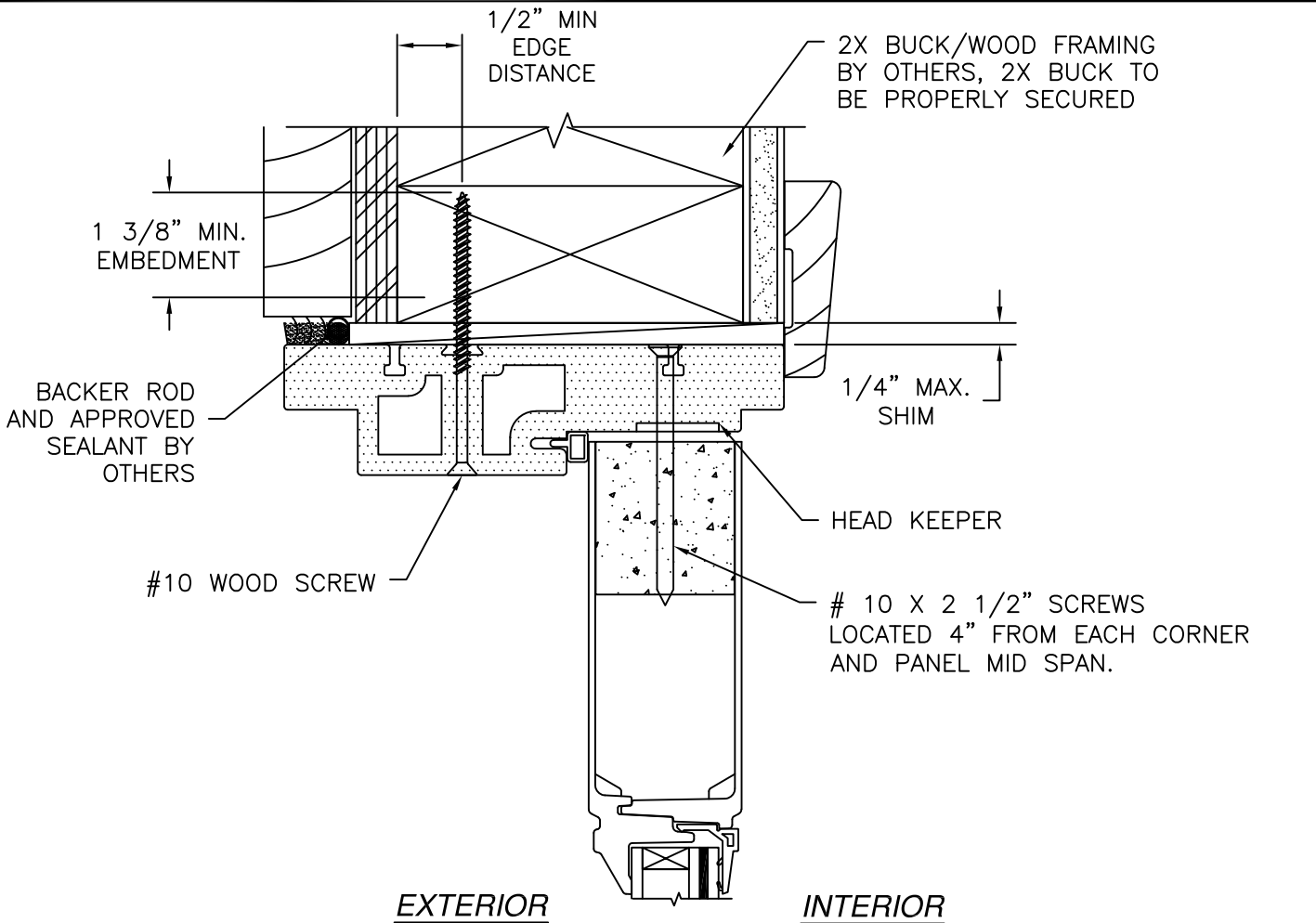
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DOUBLE DOOR W/ AND W/O SIDELITES
INSTALLATION DETAILS

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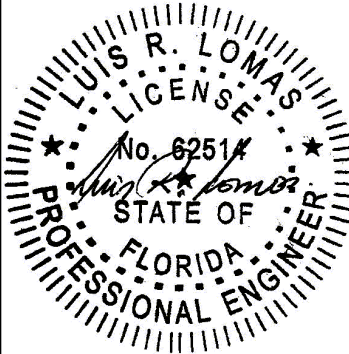
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SHEET 7 OF 9

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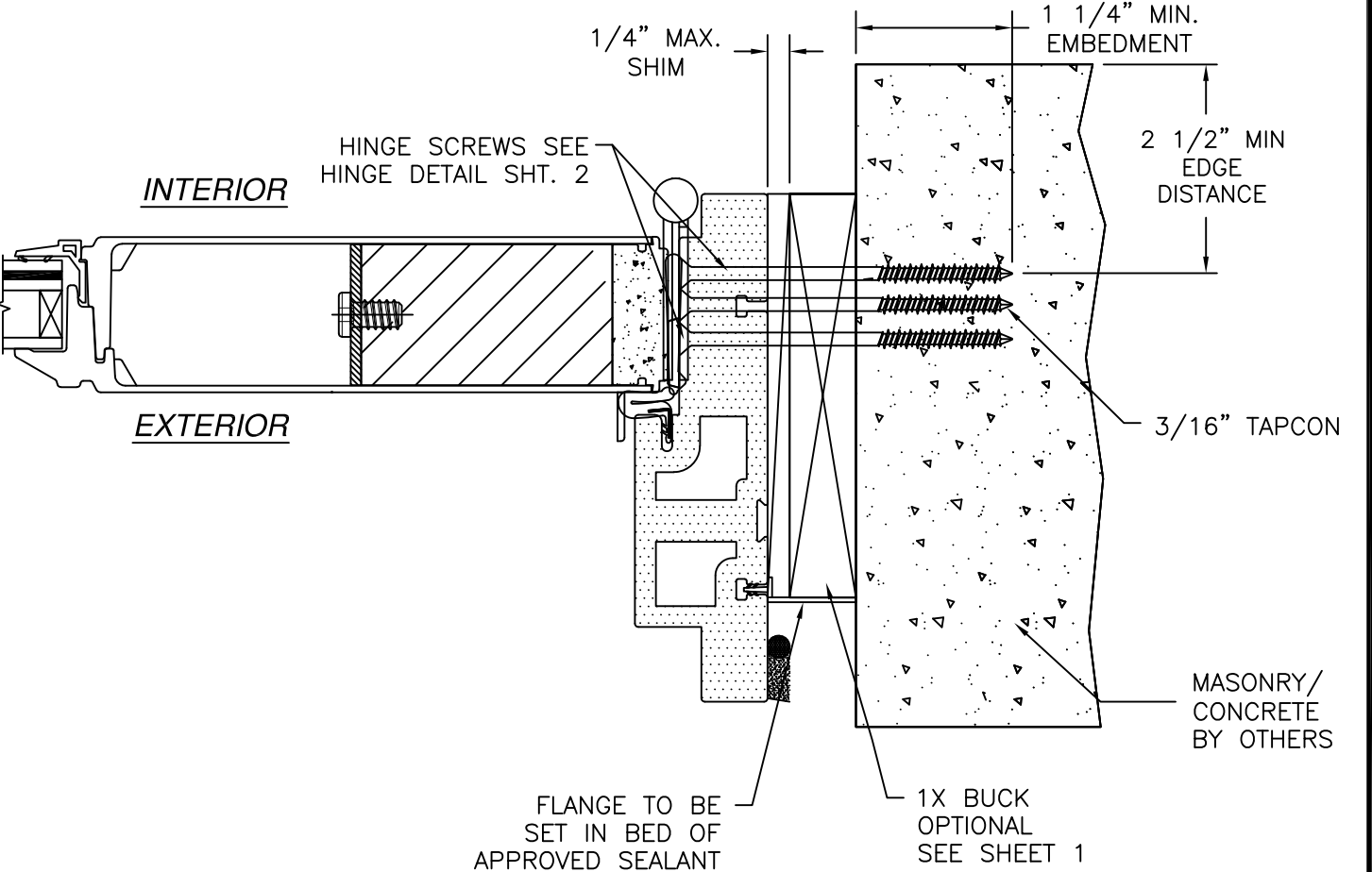
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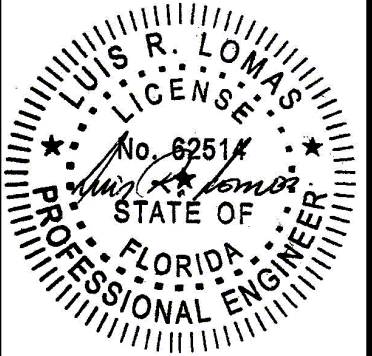


DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

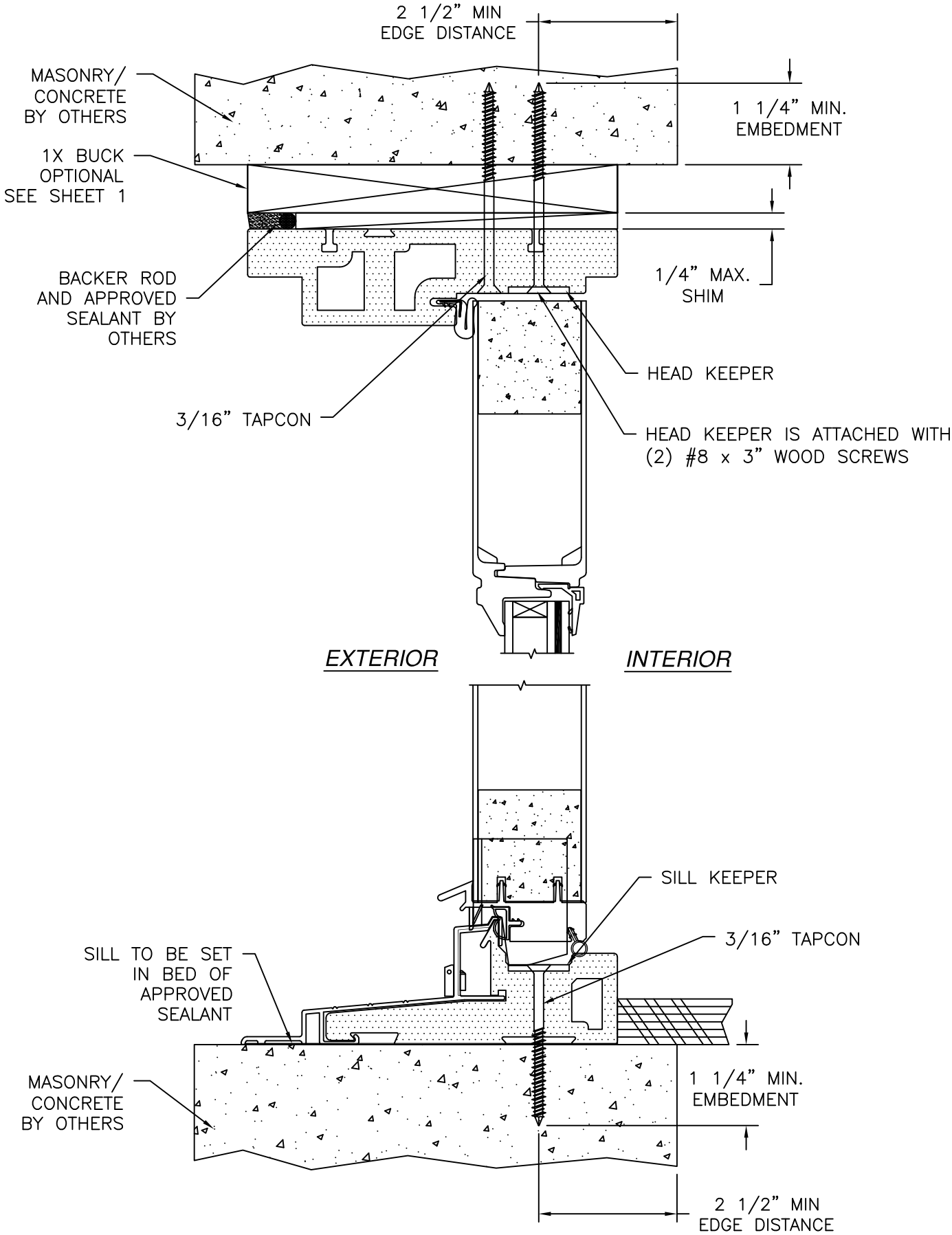
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DRAWN: TJH	DWG NO. 08-01165D	REV D
SCALE NTS	DATE 11/03/10	SHEET 8 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



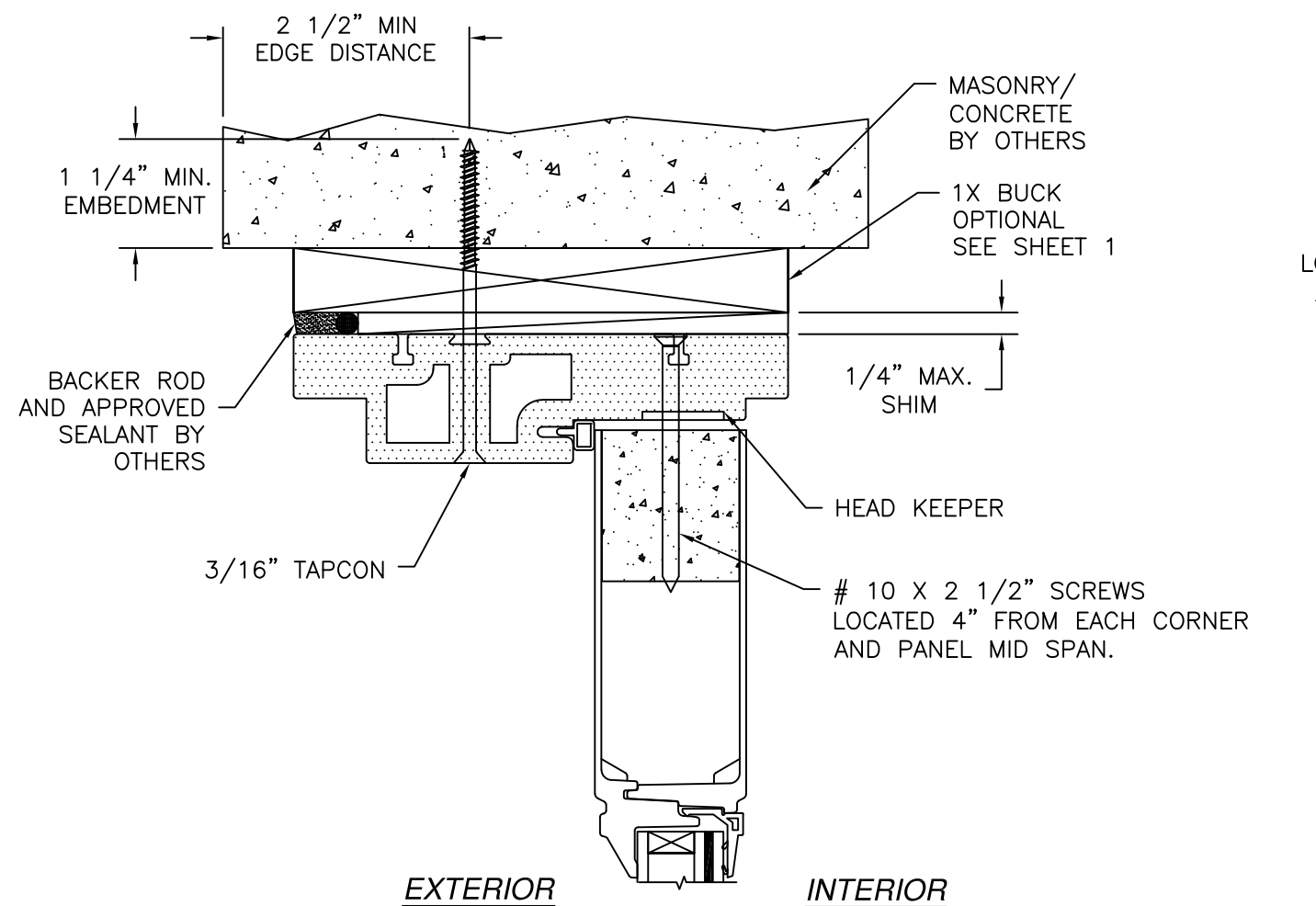
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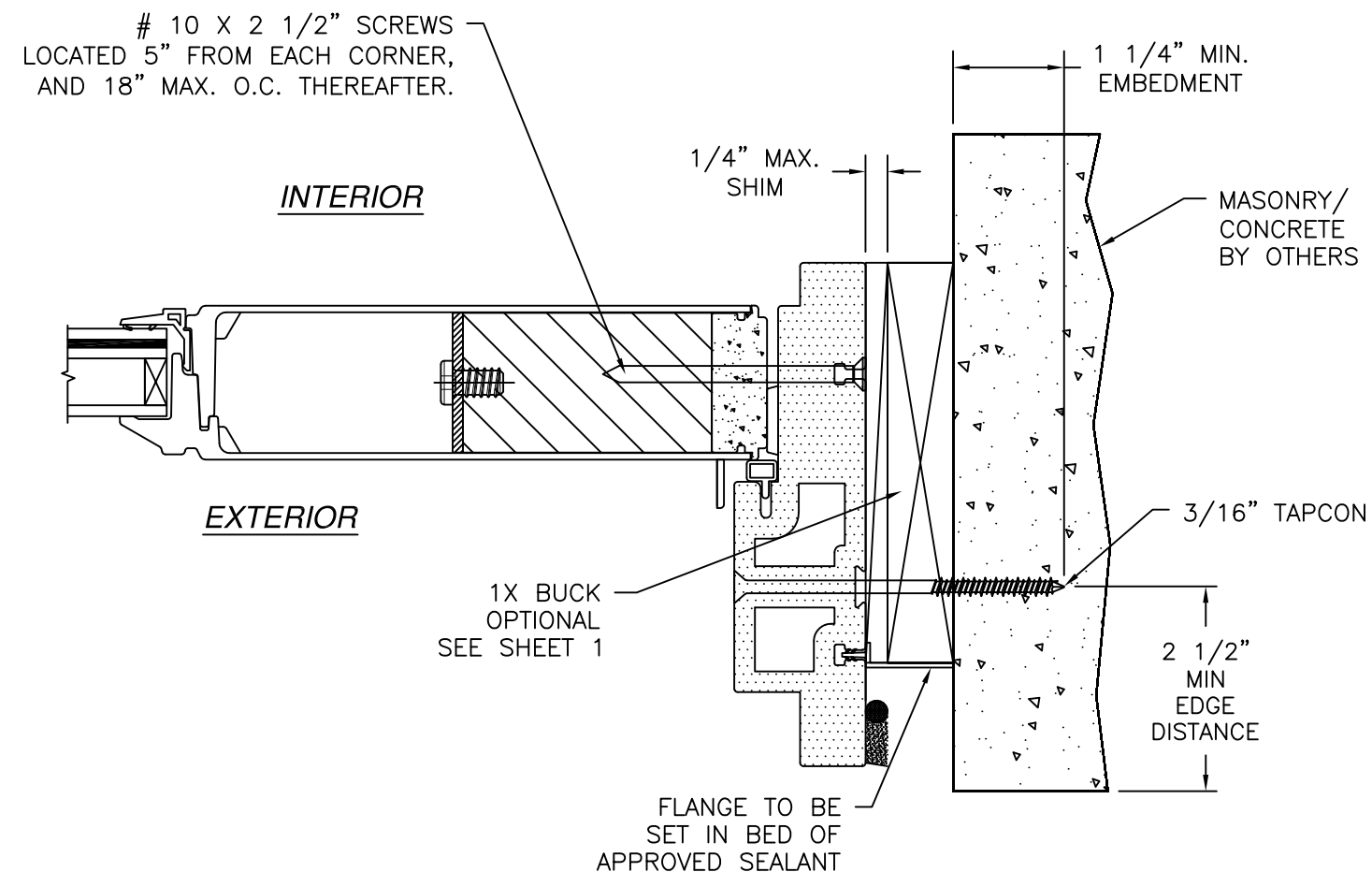
DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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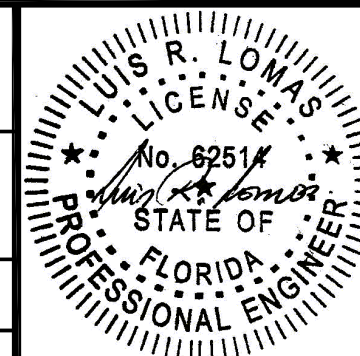
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