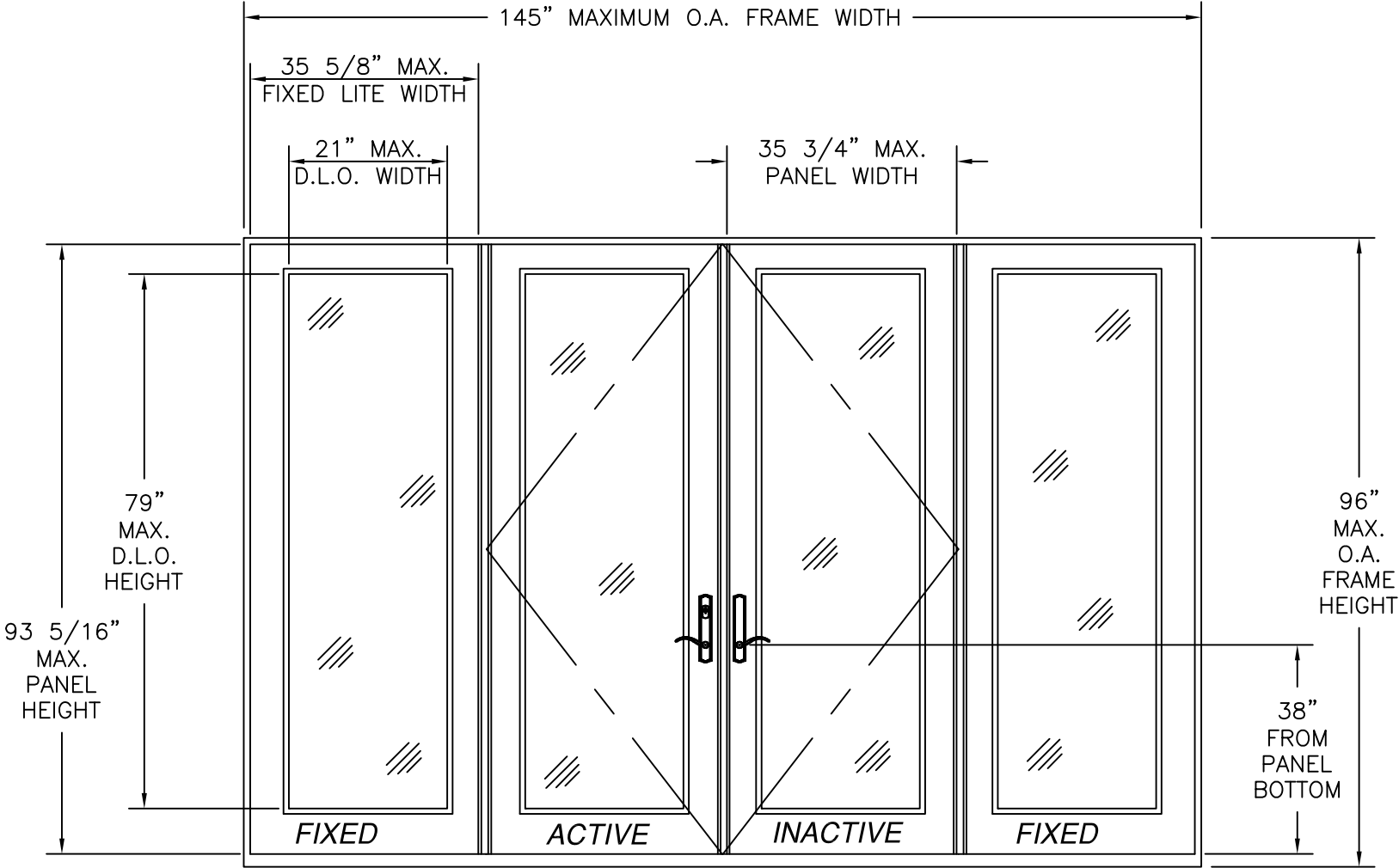


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISE TO ADD GLAZING DETAILS	05/15/2025	R.L.



SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD ENTRY
DOUBLE DOOR W/ SIDELITES
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	NONE

- 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 3 FOR GLASS OPTIONS.
 5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 6. 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".
 7. 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.
 8. 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.
 9. ALL FASTENERS TO BE CORROSION RESISTANT.
 10. 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).
 11. FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 5/8" THICK.
 12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK WITH ALUMINUM CLADDING .063" THICK.
 13. 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.
 14. APPROVED CONFIGURATIONS: X, OX, XO, XX, OO, OXO, XXO, OXX, OOO AND OXXO. SEE SHEET 2.
 15. HINGE LOCATION: (2) FROM TOP OF PANEL DOWN AT 8" AND 33 1/4" AND (2) FROM BOTTOM OF PANEL UP AT 8 1/2" AND 34".

SIGNED: 05/21/2025

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

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD
ENTRY DOOR W/ & W/O SIDELITES
OXXO ELEVATION AND NOTES

DRAWN:
TJH

DWG NO.
08-00769E

REV
E

SCALE NTS

DATE 07/01/09

SHEET 1 OF 9

L. ROBERTO LOMAS P.E.

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434-688-0609 rllomas@lrlomaspe.com

LUIS R. LOMAS

LICENSE

No. 62514

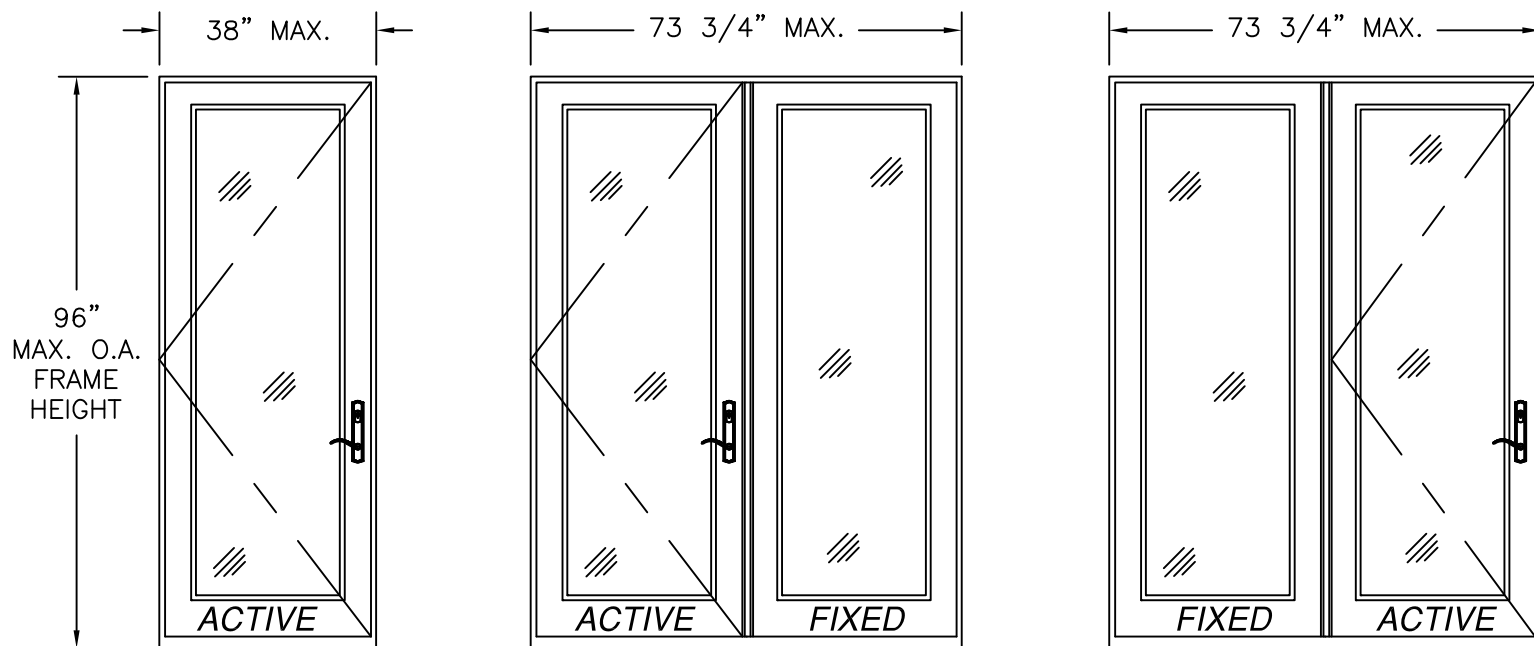
STATE OF

FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

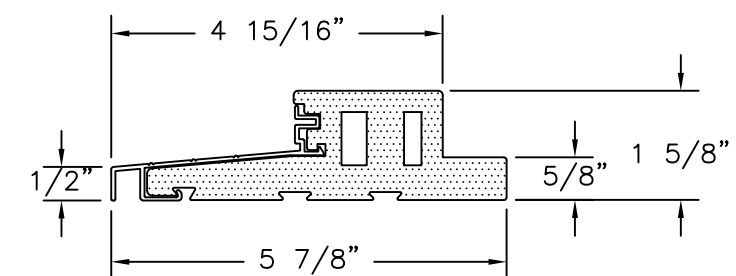
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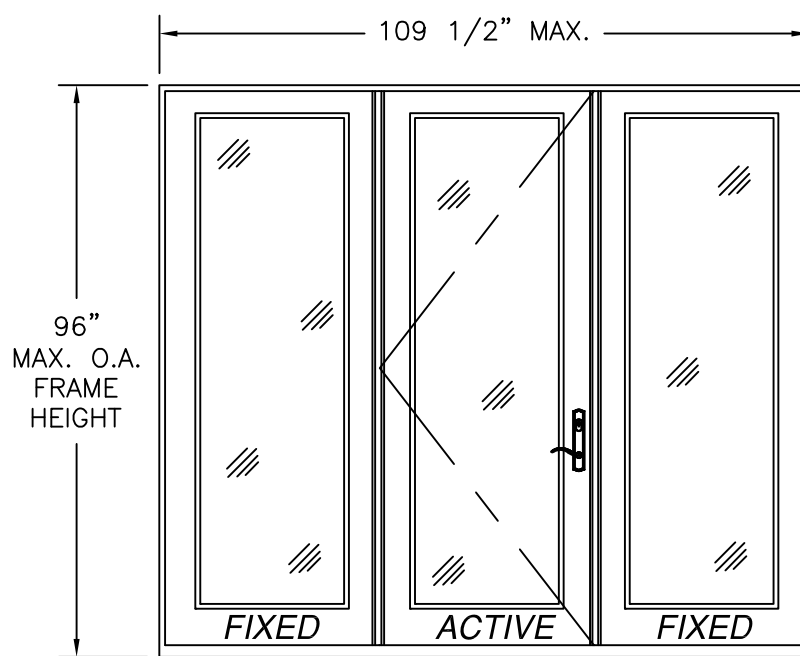
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EXTERIOR VIEW

SINGLE W/SIDELITE OR
DOUBLE FIXED
EXTERIOR VIEW

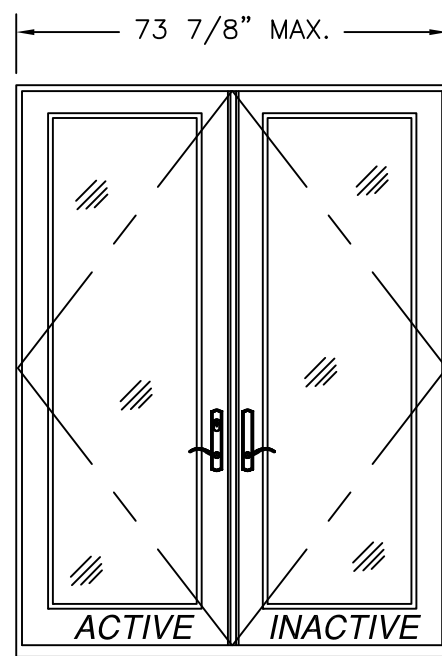
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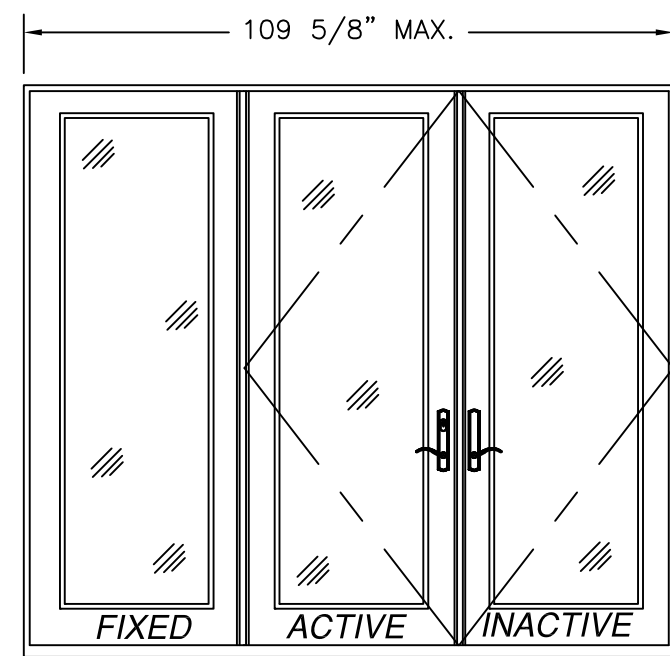
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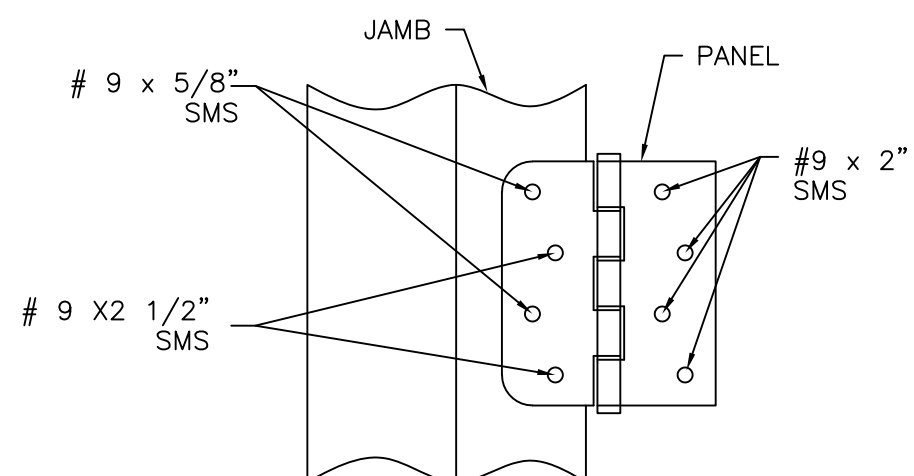
SINGLE W/SIDELITES OR
TRIPLE FIXED
EXTERIOR VIEW



DOUBLE
EXTERIOR VIEW



DOUBLE W/SIDELITES
EXTERIOR VIEW



HINGE INSTALLATION DETAIL

NOTE:
ALL APPROVED CONFIGURATIONS ARE SHOWN AS LEFT HAND
ACTIVE, RIGHT HAND ACTIVE IS 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. EXTRUDED ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS

REVISIONS			
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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD
ENTRY DOOR W/ & W/O SIDELITES
ADDITIONAL CONFIGURATIONS AND HARDWARE

DRAWN:
TJH

DWG NO.
08-00769E

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SHEET 2 OF 9

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

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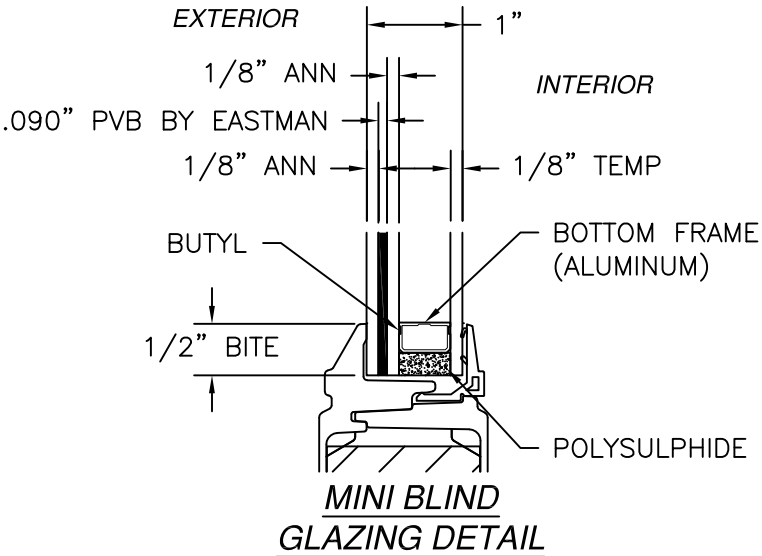
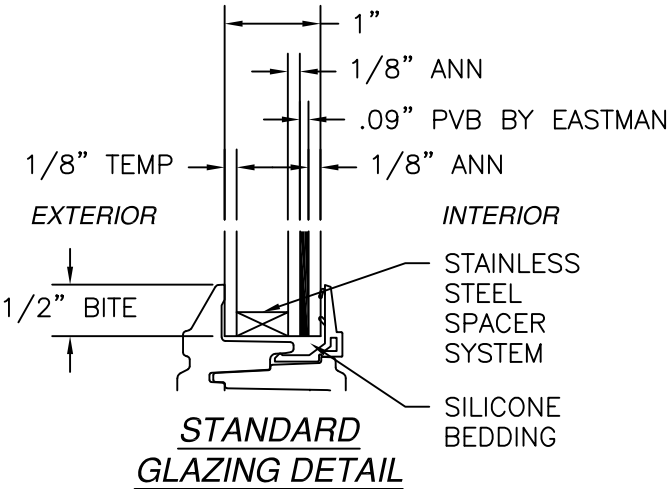
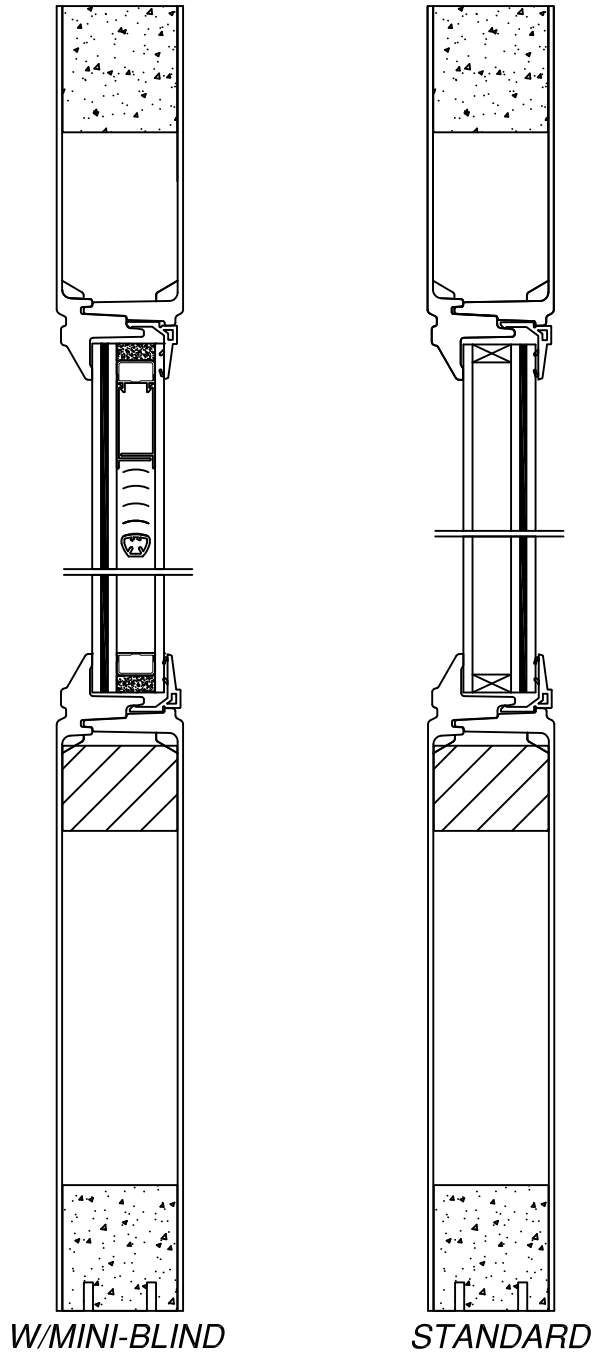
SIGNED: 05/21/2025

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

Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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APPROVED PANEL CONFIGURATIONS



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HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD

ENTRY DOOR W/ & W/O SIDELITES

GLAZING DETAILS

DRAWN: TJH

DWG NO. 08-00769E

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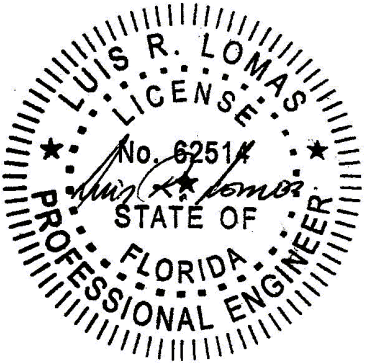
DATE 07/01/09

SHEET 3 OF 9

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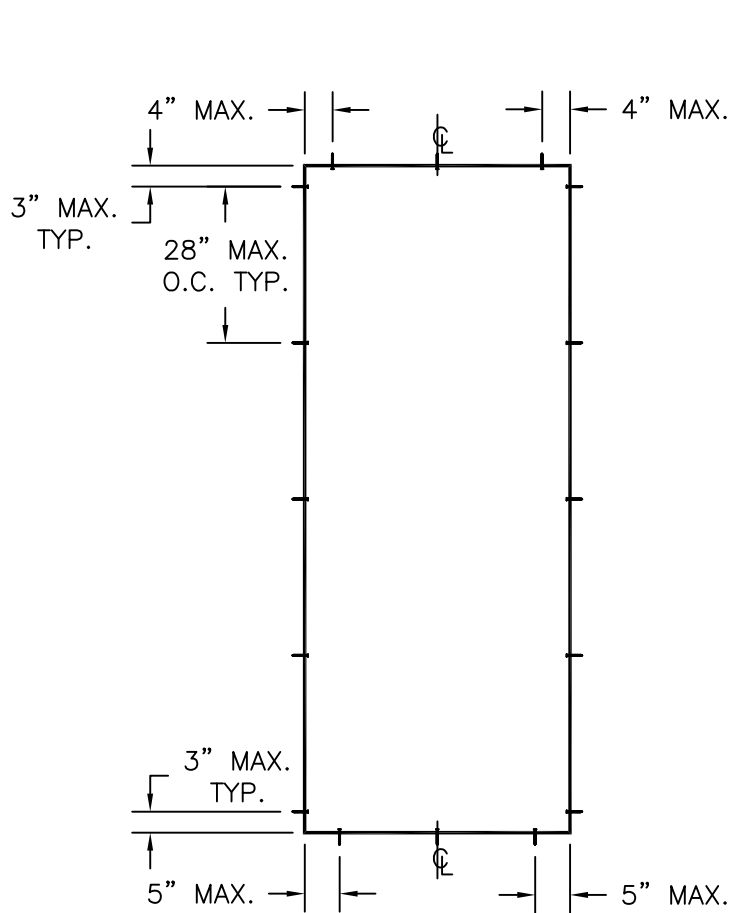
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

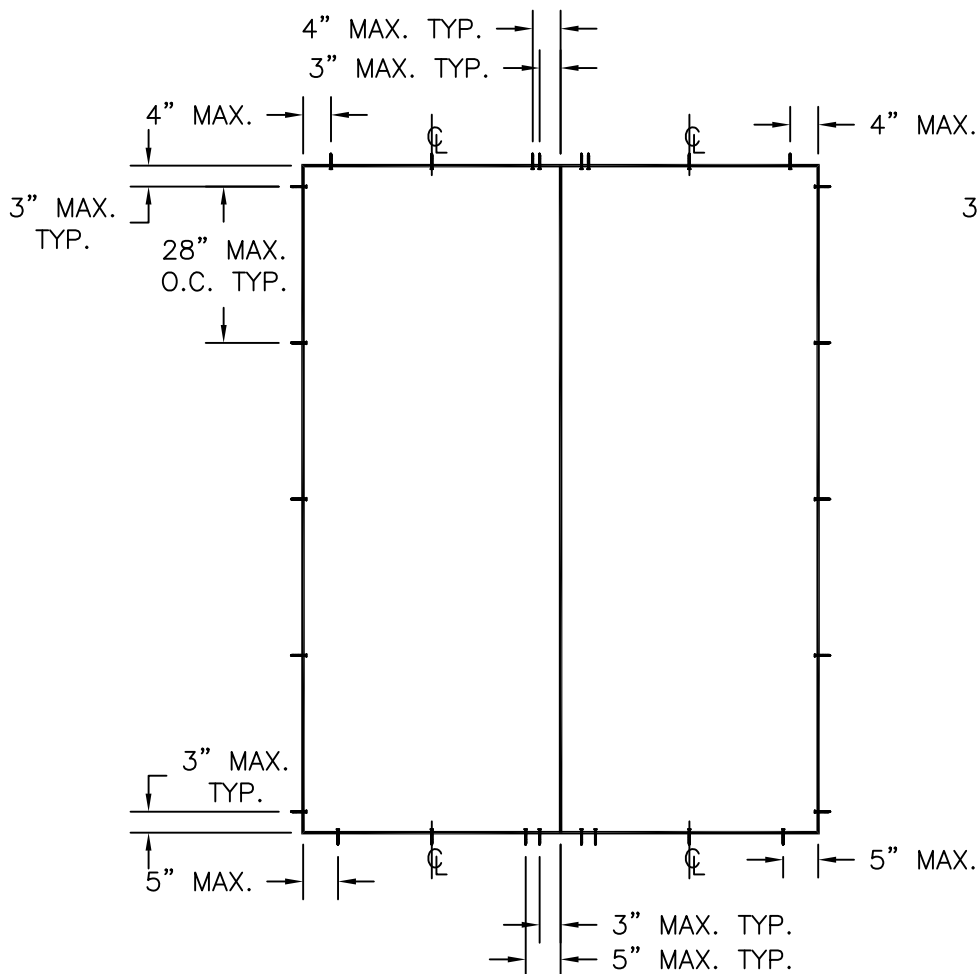


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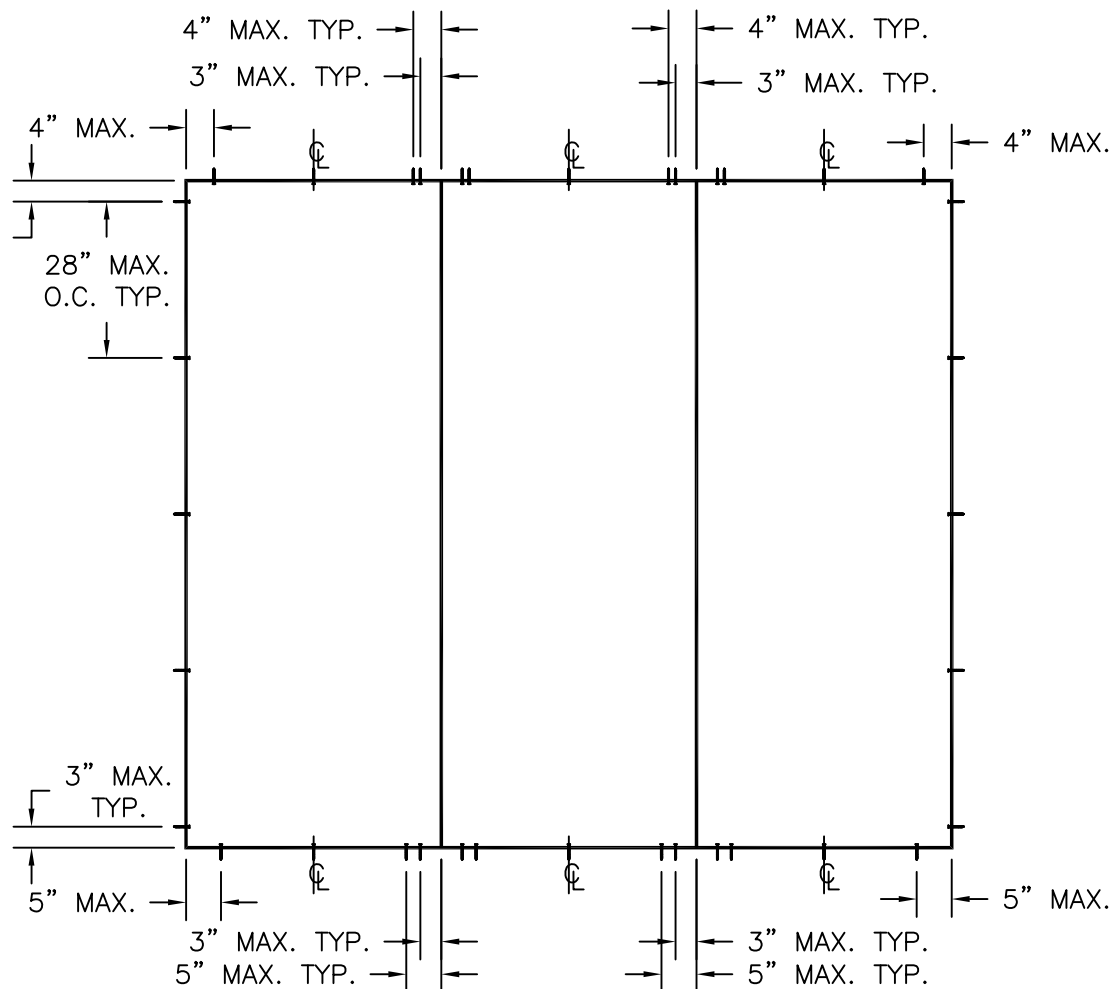
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REV	DESCRIPTION	DATE	APPROVED
E	REVISE TO ADD GLAZING DETAILS	05/15/2025	R.L.



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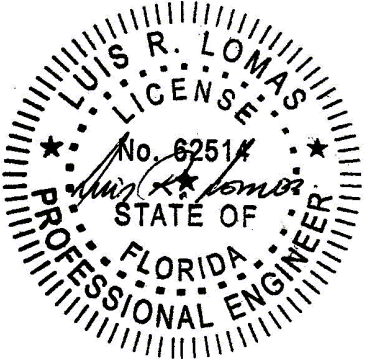
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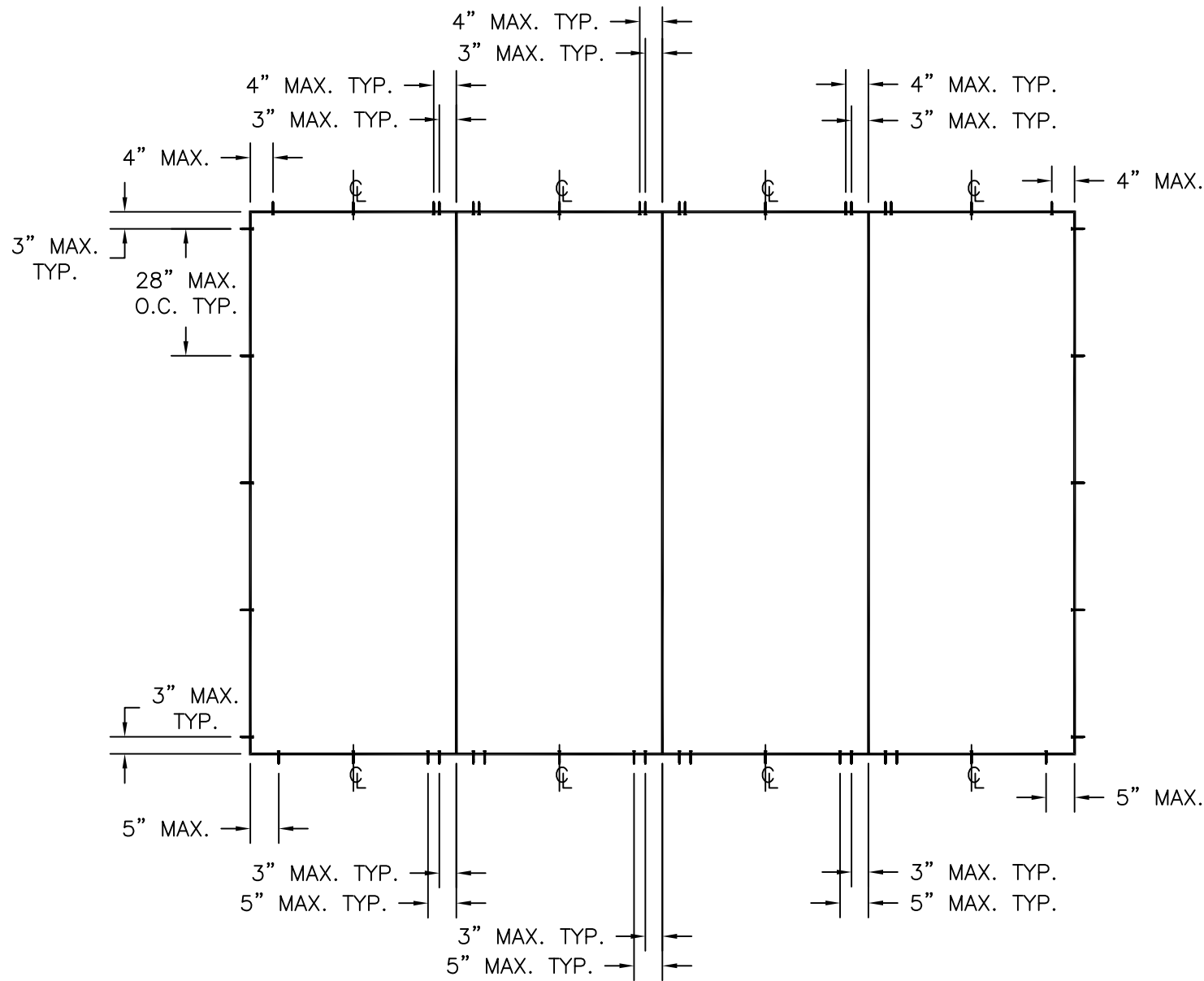
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OR TRIPLE FIXED

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NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD ENTRY DOOR W/ & W/O SIDELITES ANCHORING LAYOUT		
DRAWN: TJH	DWG NO. 08-00769E	REV E
SCALE NTS	DATE 07/01/09	SHEET 4 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

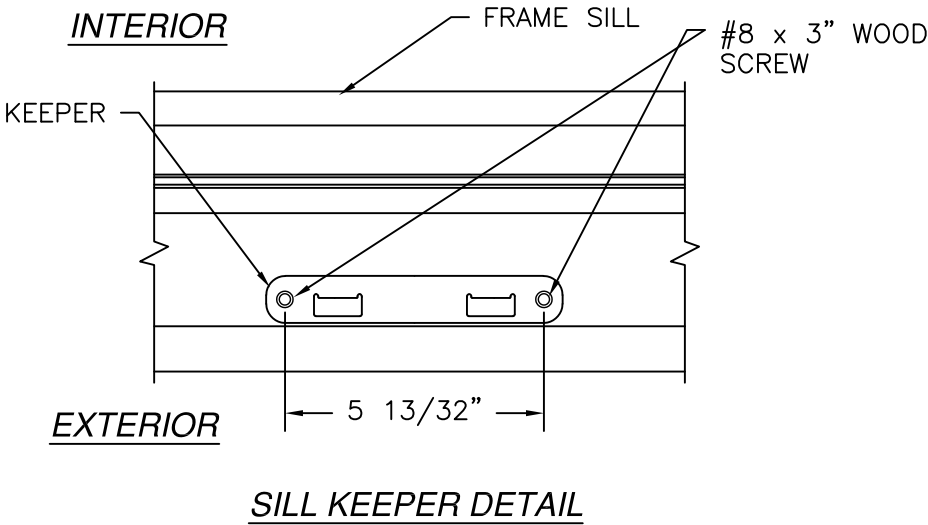
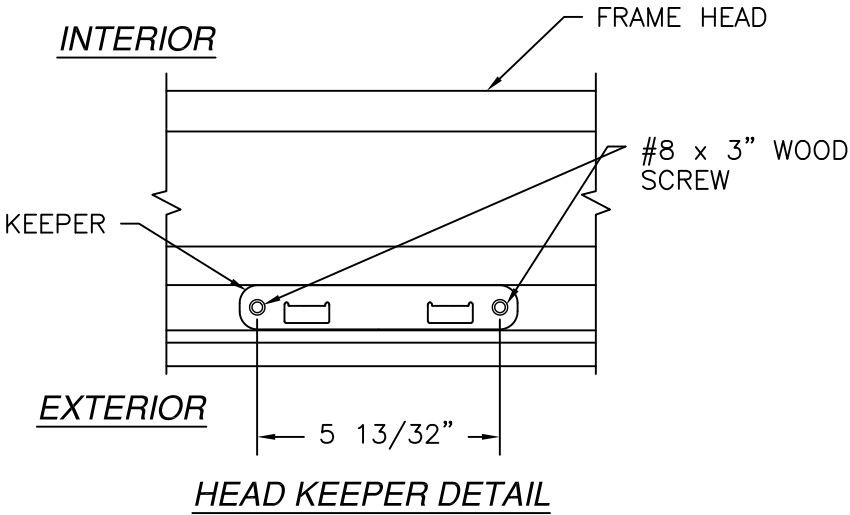


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FL No.: 62514



DOUBLE W/SIDELITES

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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD

ENTRY DOOR W/ & W/O SIDELITES

ANCHORING LAYOUT & INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-00769E

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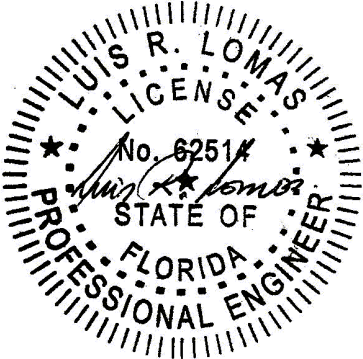
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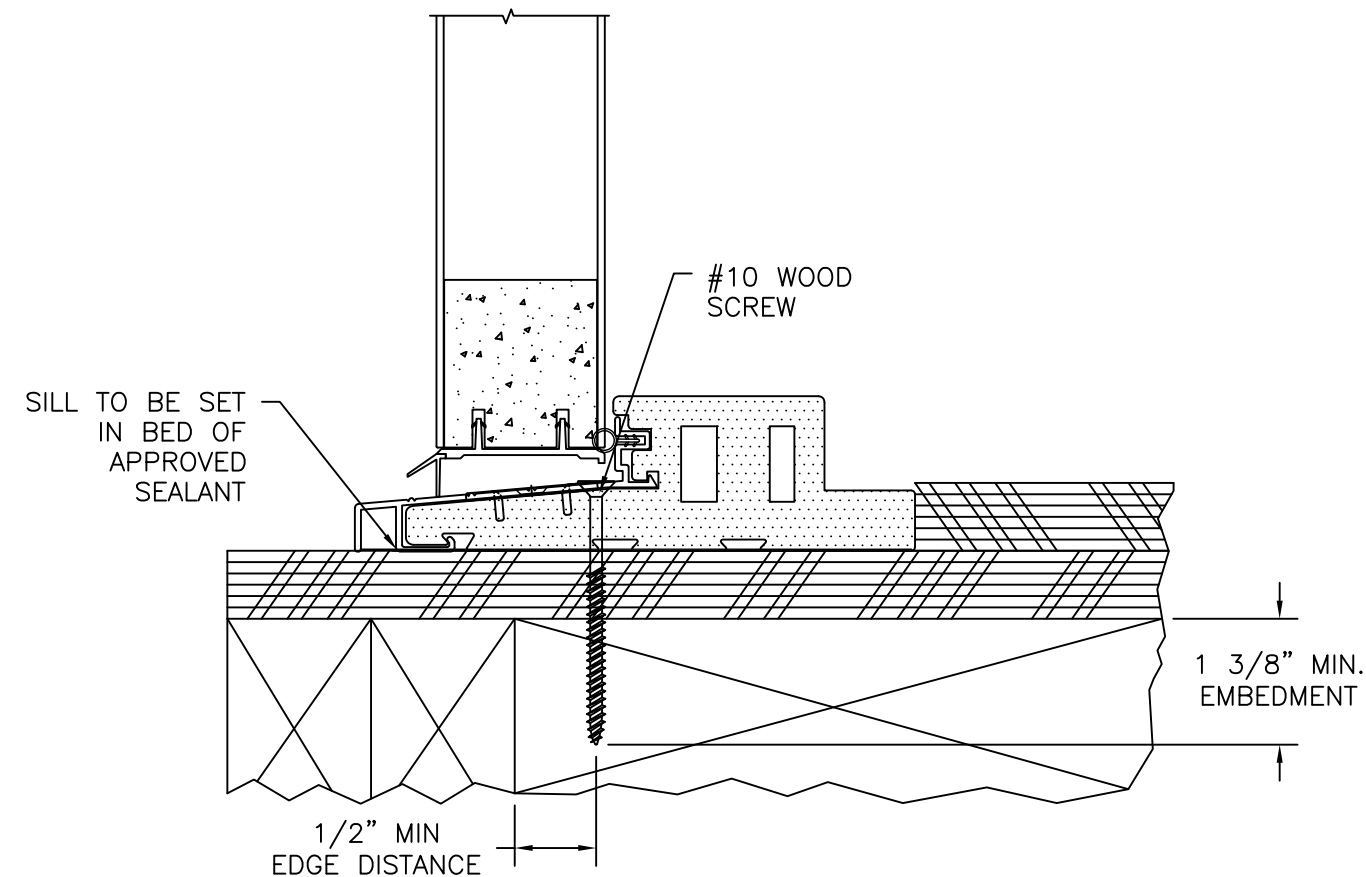
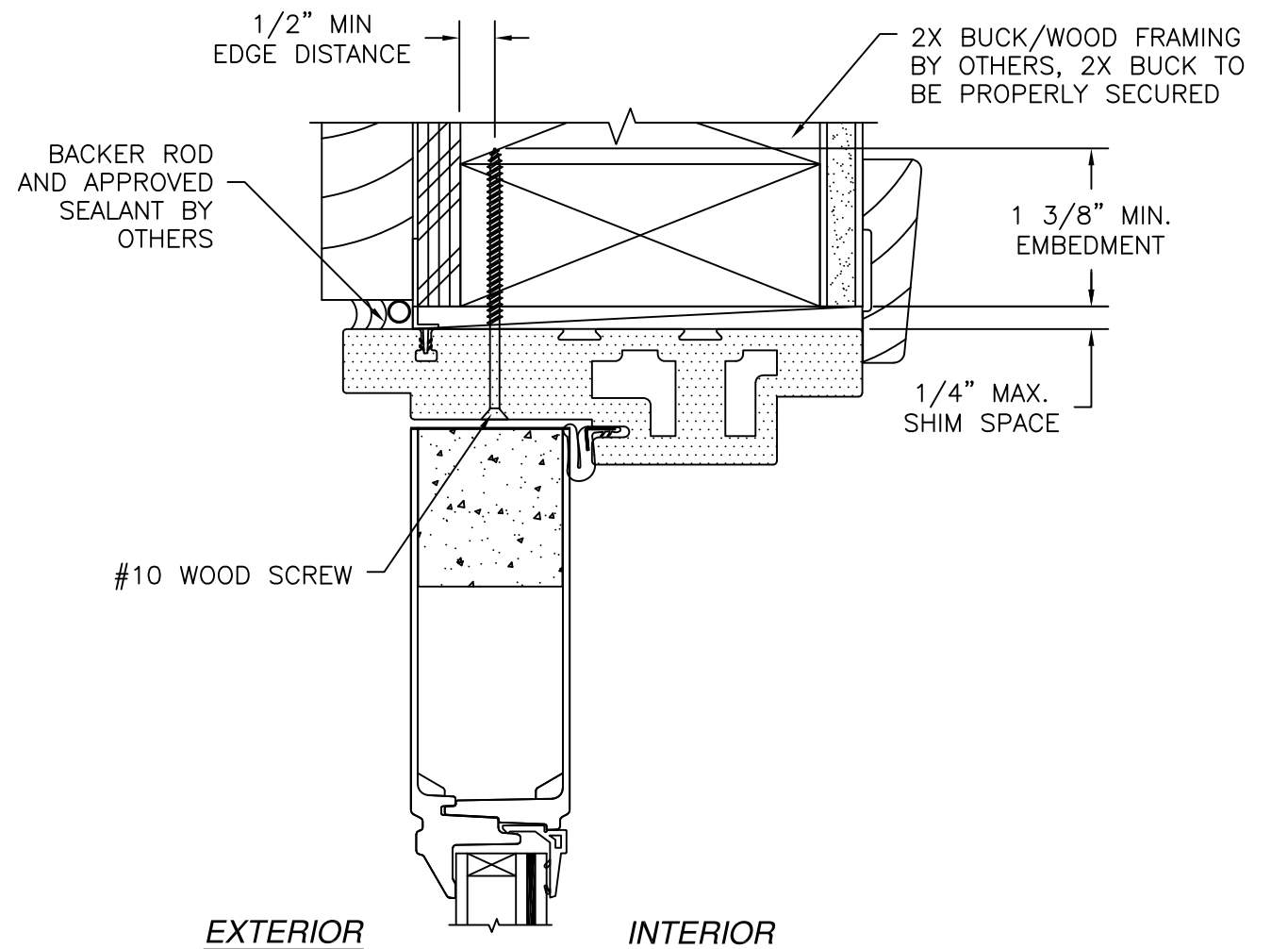
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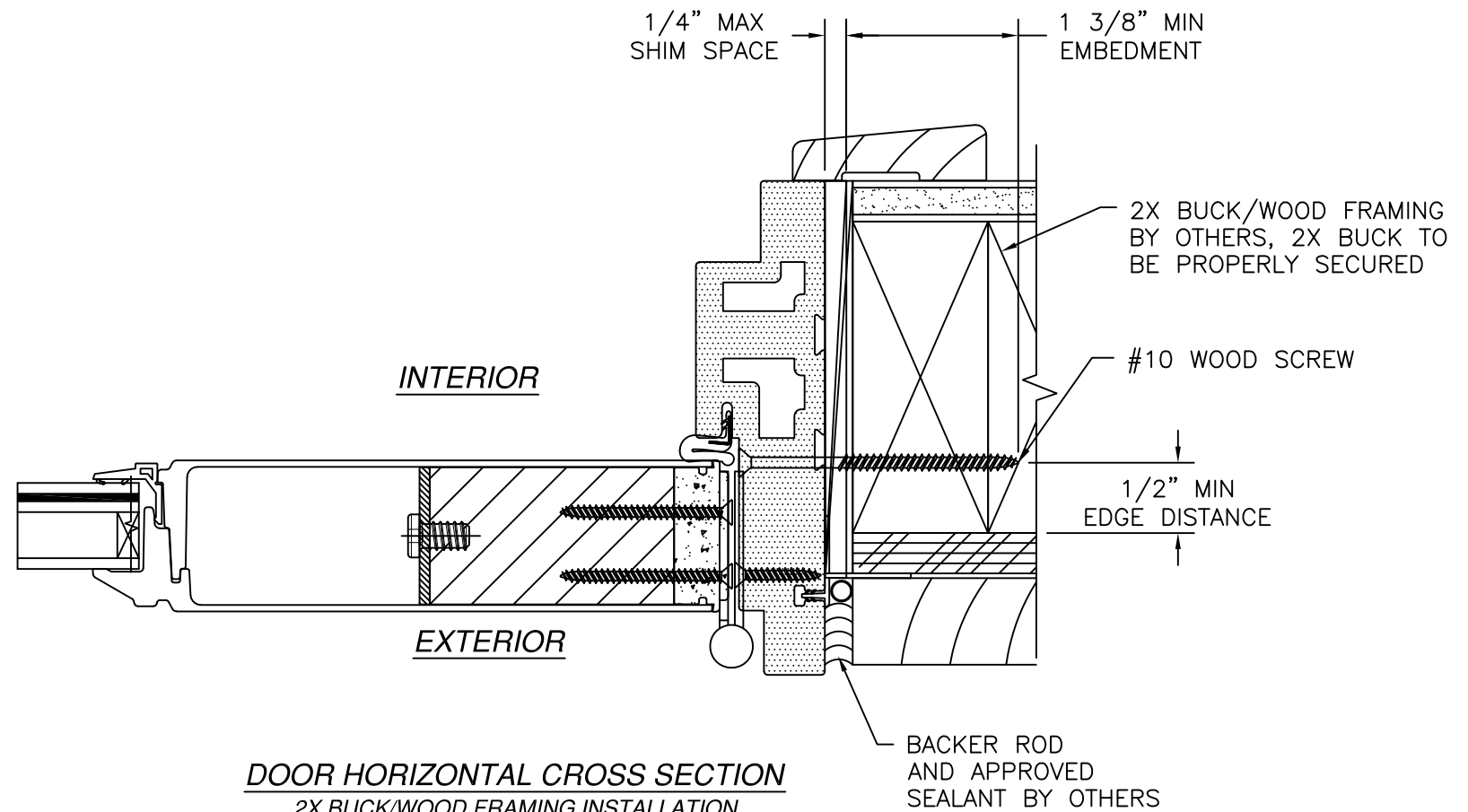
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FL No.: 62514



DOOR VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



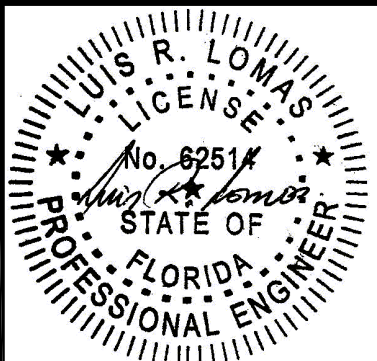
DOOR HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION

- 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

REVISIONS			
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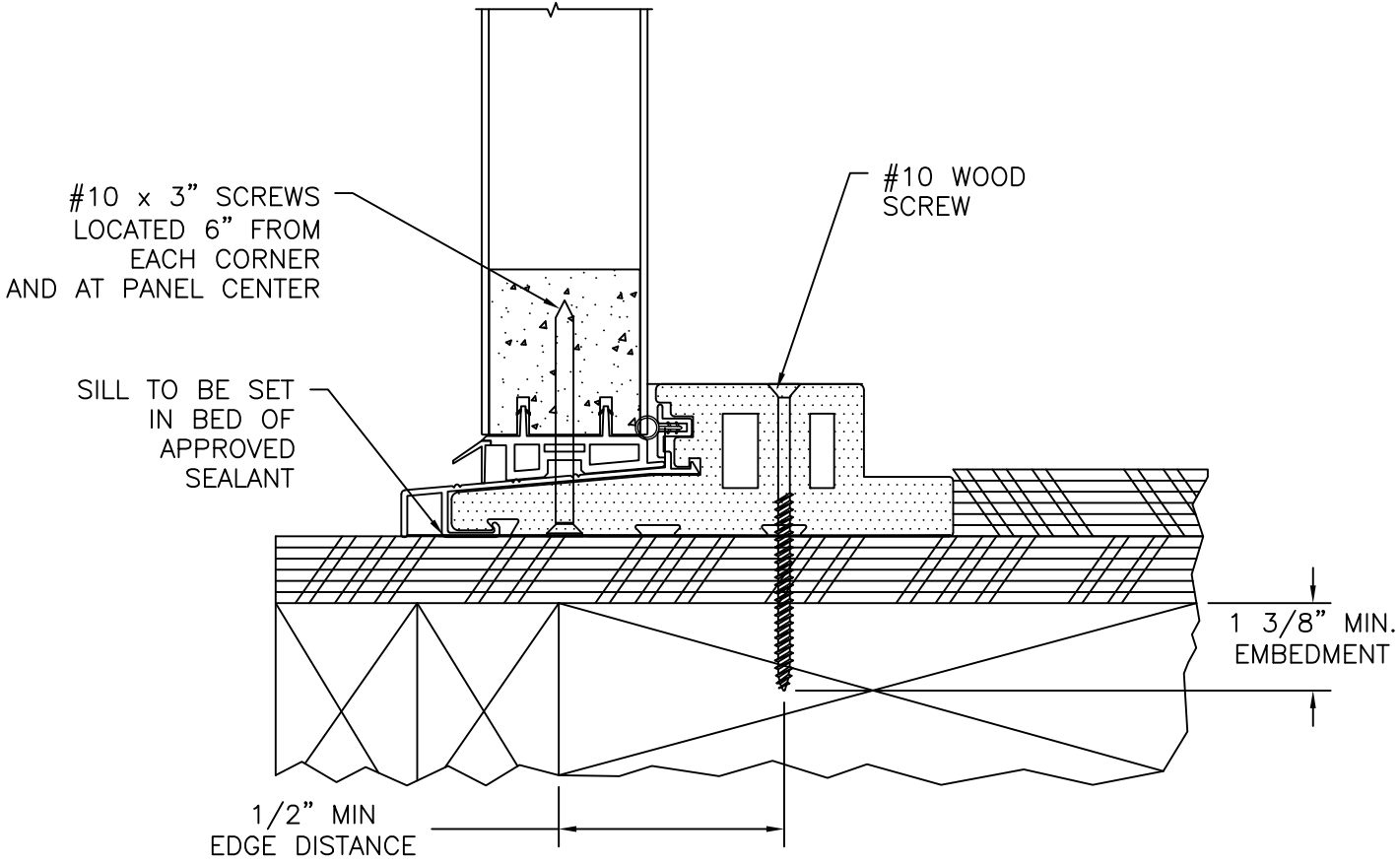
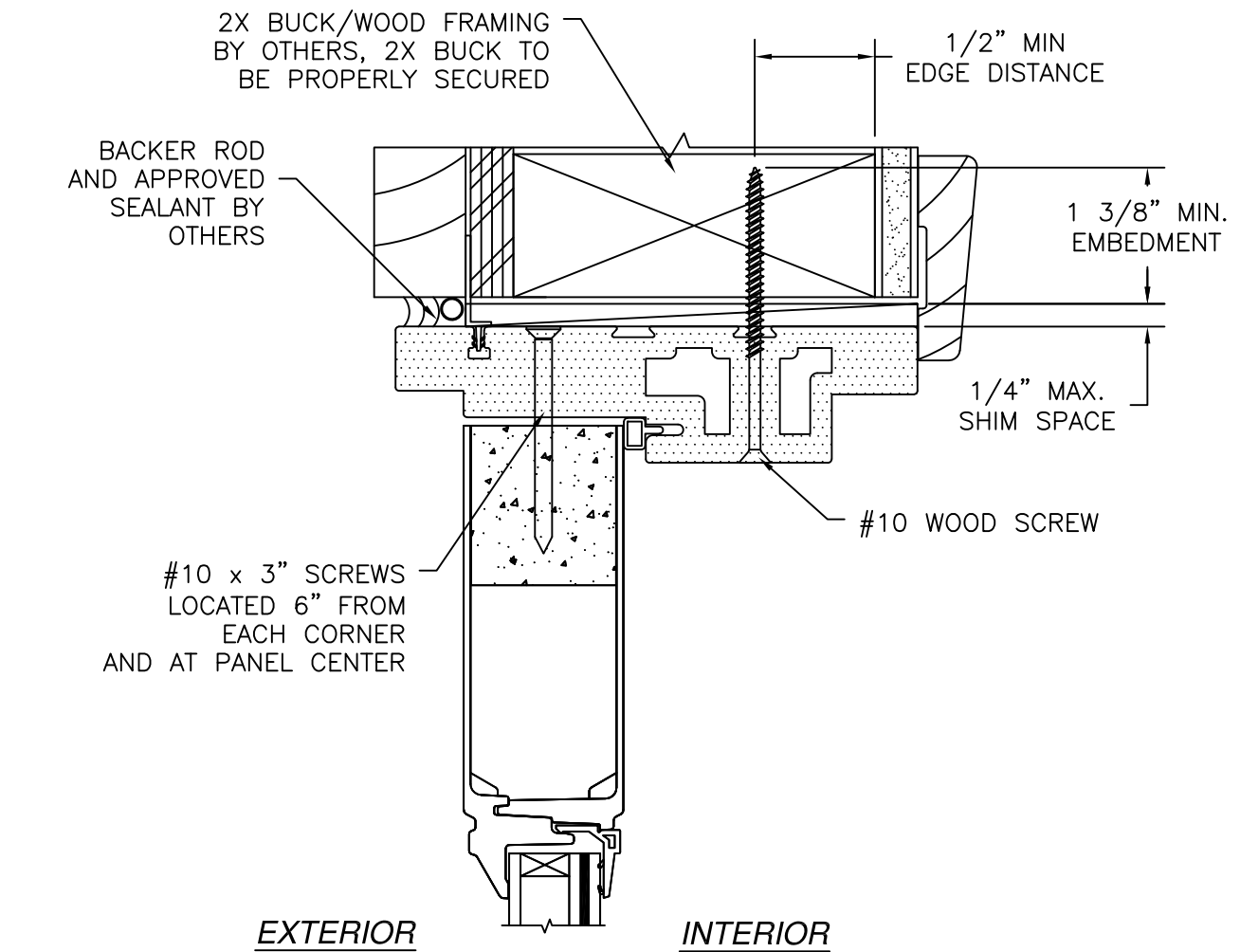
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NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD ENTRY DOOR W/ & W/O SIDELITES INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00769E	REV E
SCALE NTS	DATE 07/01/09	SHEET 6 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

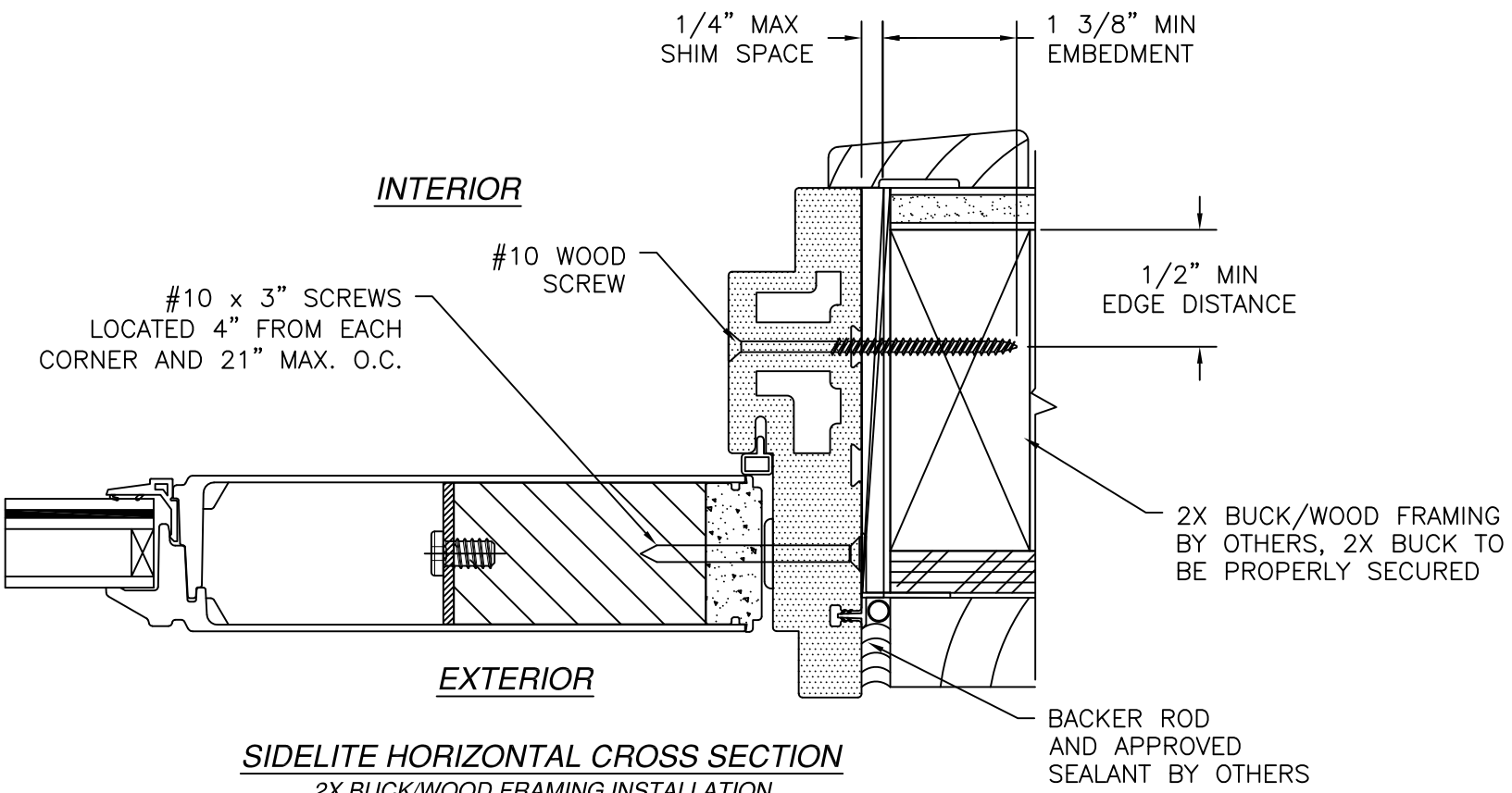


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SIDELITE VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING 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

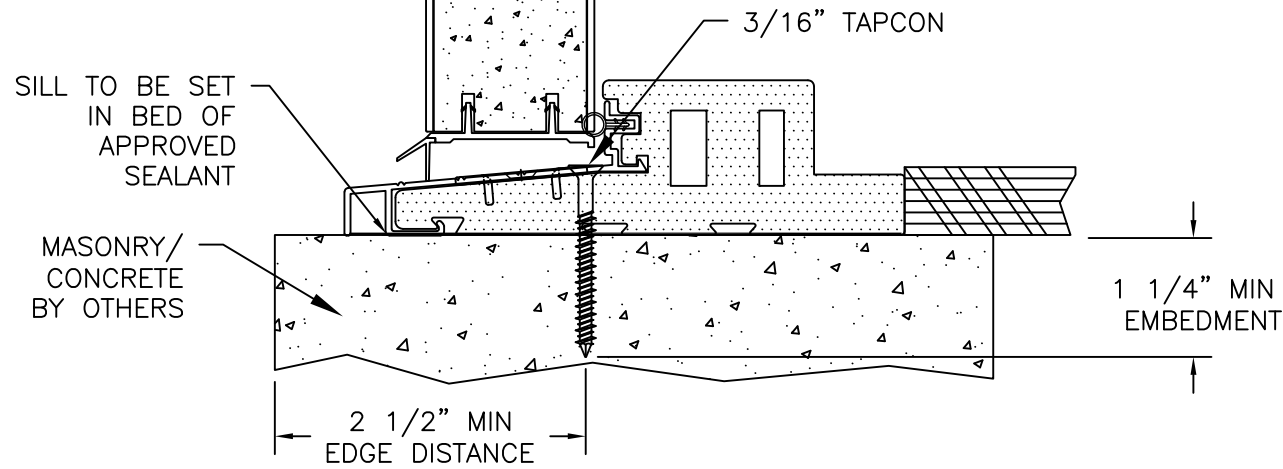
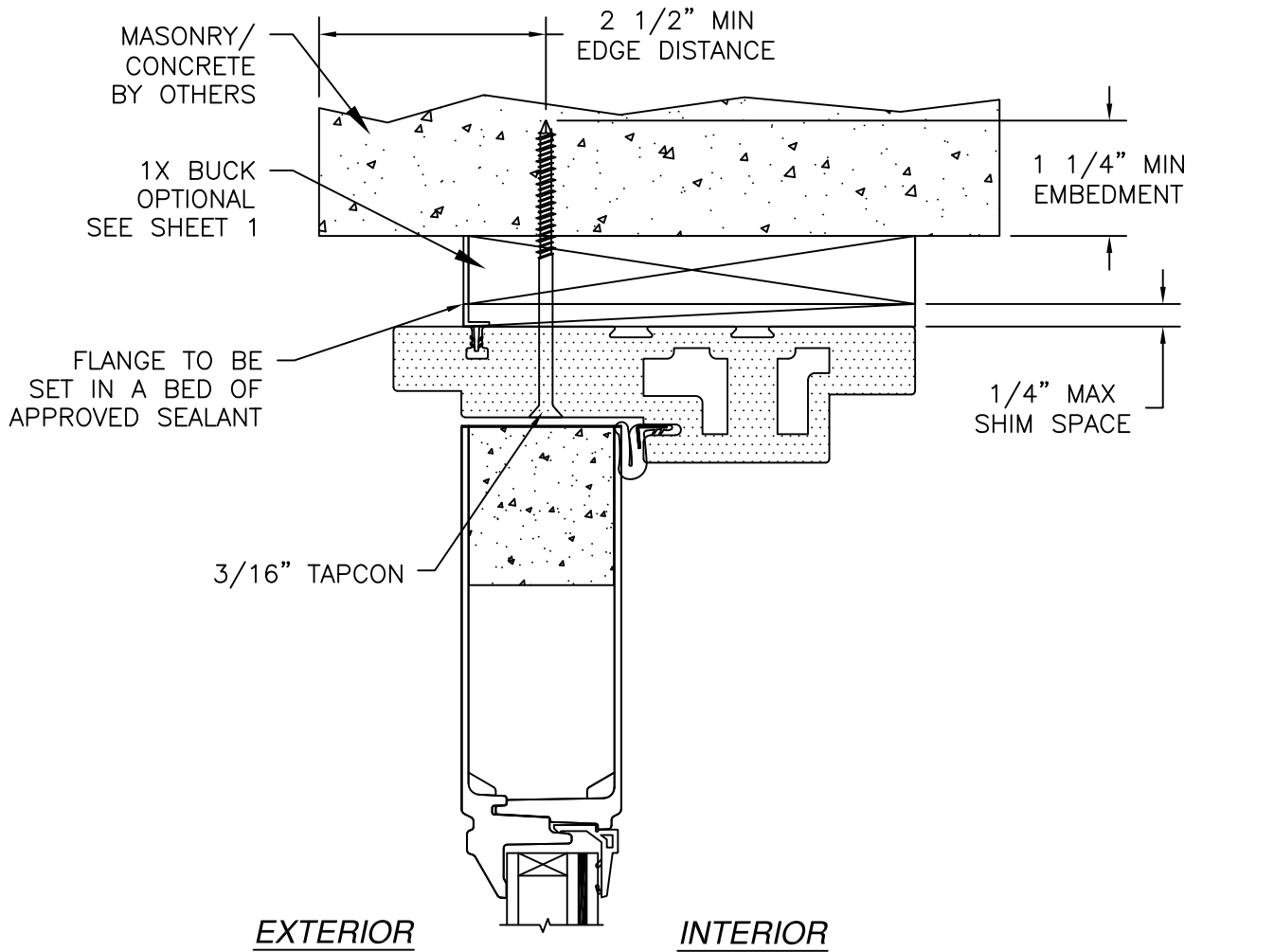
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SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD ENTRY DOOR W/ & W/O SIDELITES INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-00769E	REV E
SCALE NTS	DATE 07/01/09	SHEET 7 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

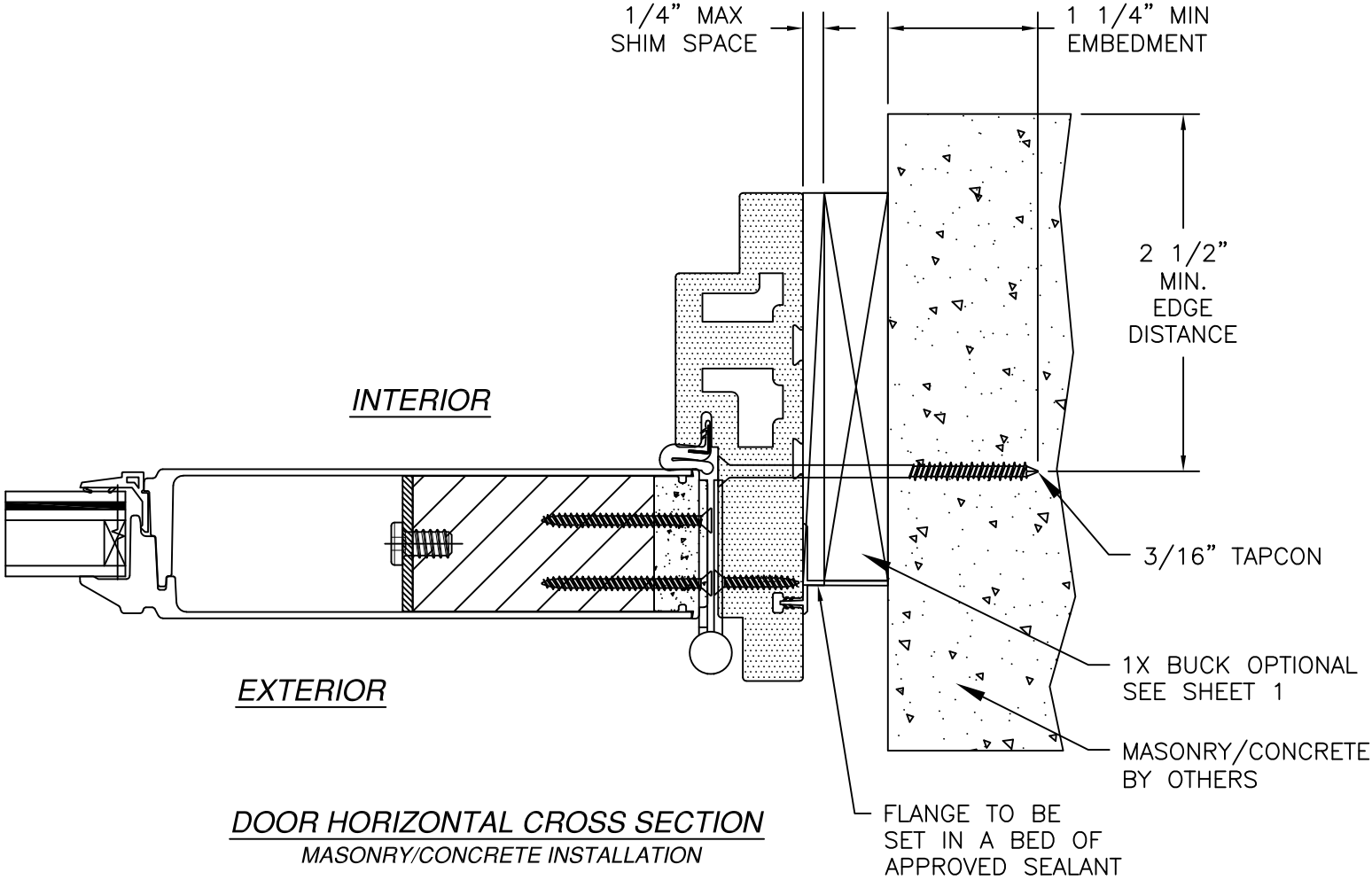
Professional Engineer Seal for Luis R. Lomas, State of Florida, License No. 62514.

Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

- NOTES:
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NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD
ENTRY DOOR W/ & W/O SIDELITES
INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-00769E

REV E

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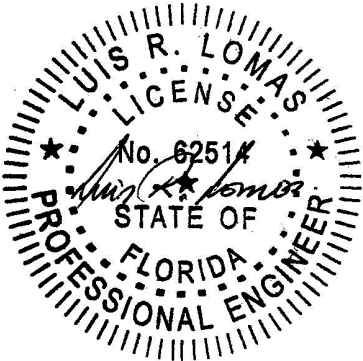
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SHEET 8 OF 9

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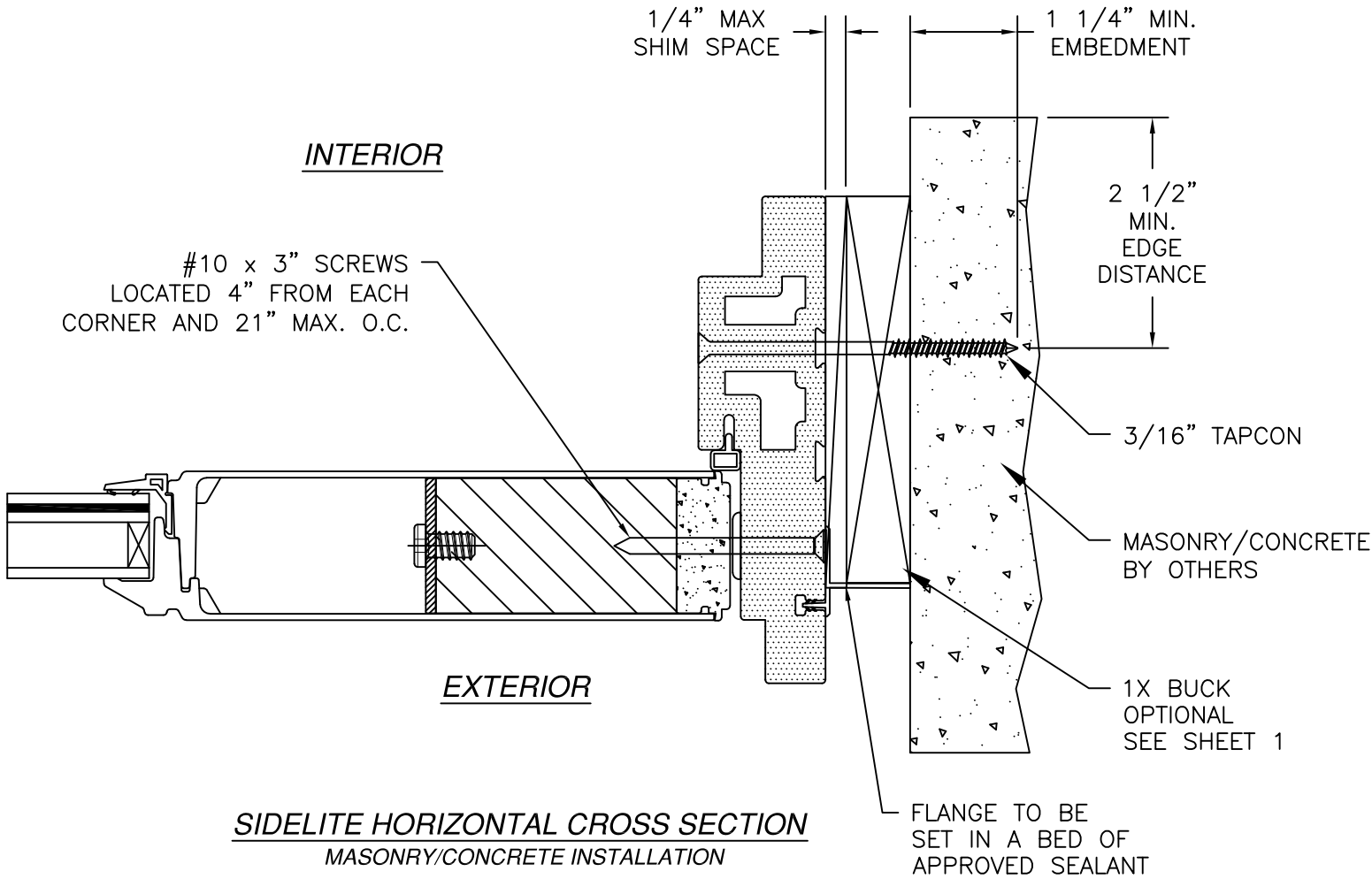
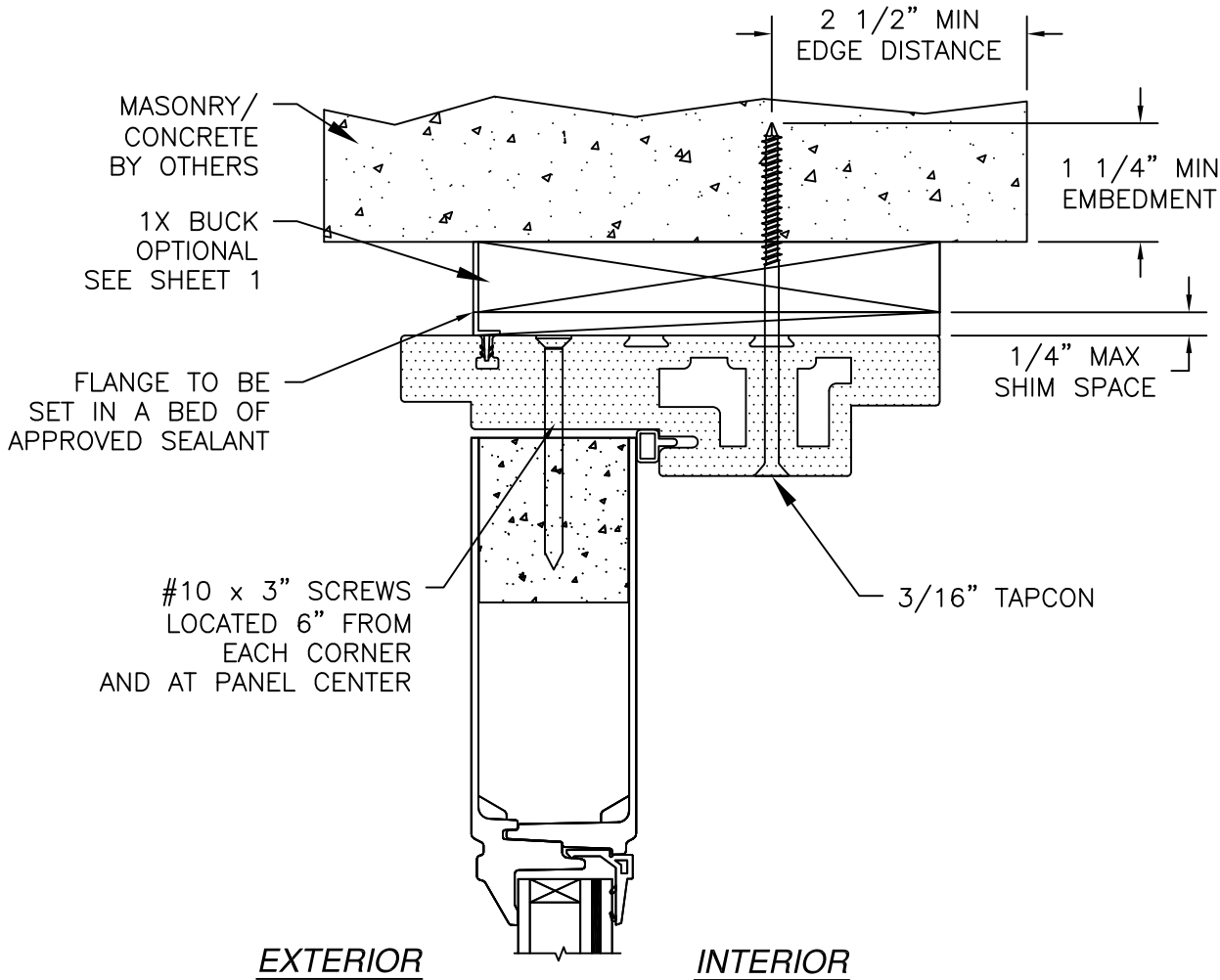
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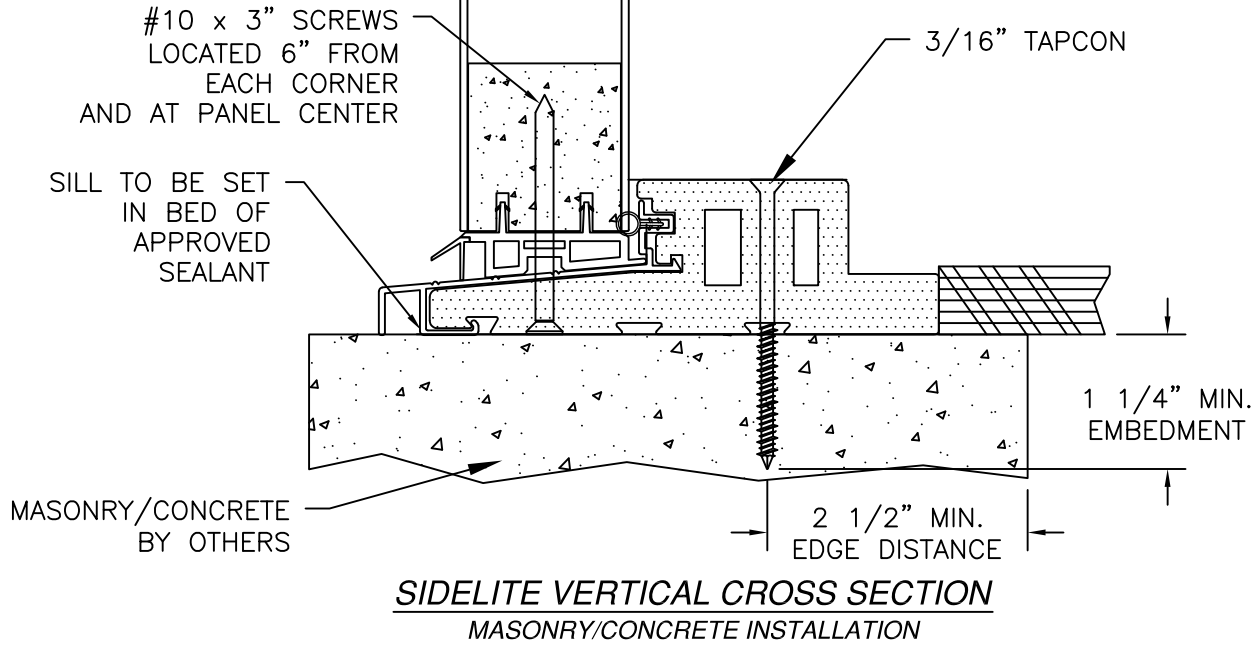
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HOUSTON, TX 77029

SERIES DISTINCTION OUT-SWING FIBERGLASS CLAD
ENTRY DOOR W/ & W/O SIDELITES
INSTALLATION DETAILS

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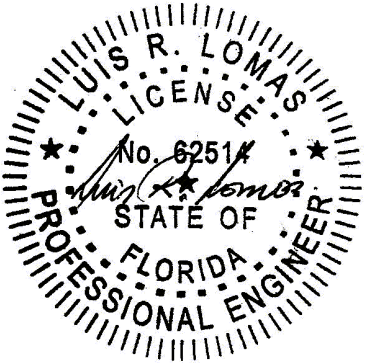
REV
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SHEET
9 OF 9

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

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Luis R. Lomas P.E.
FL No.: 62514