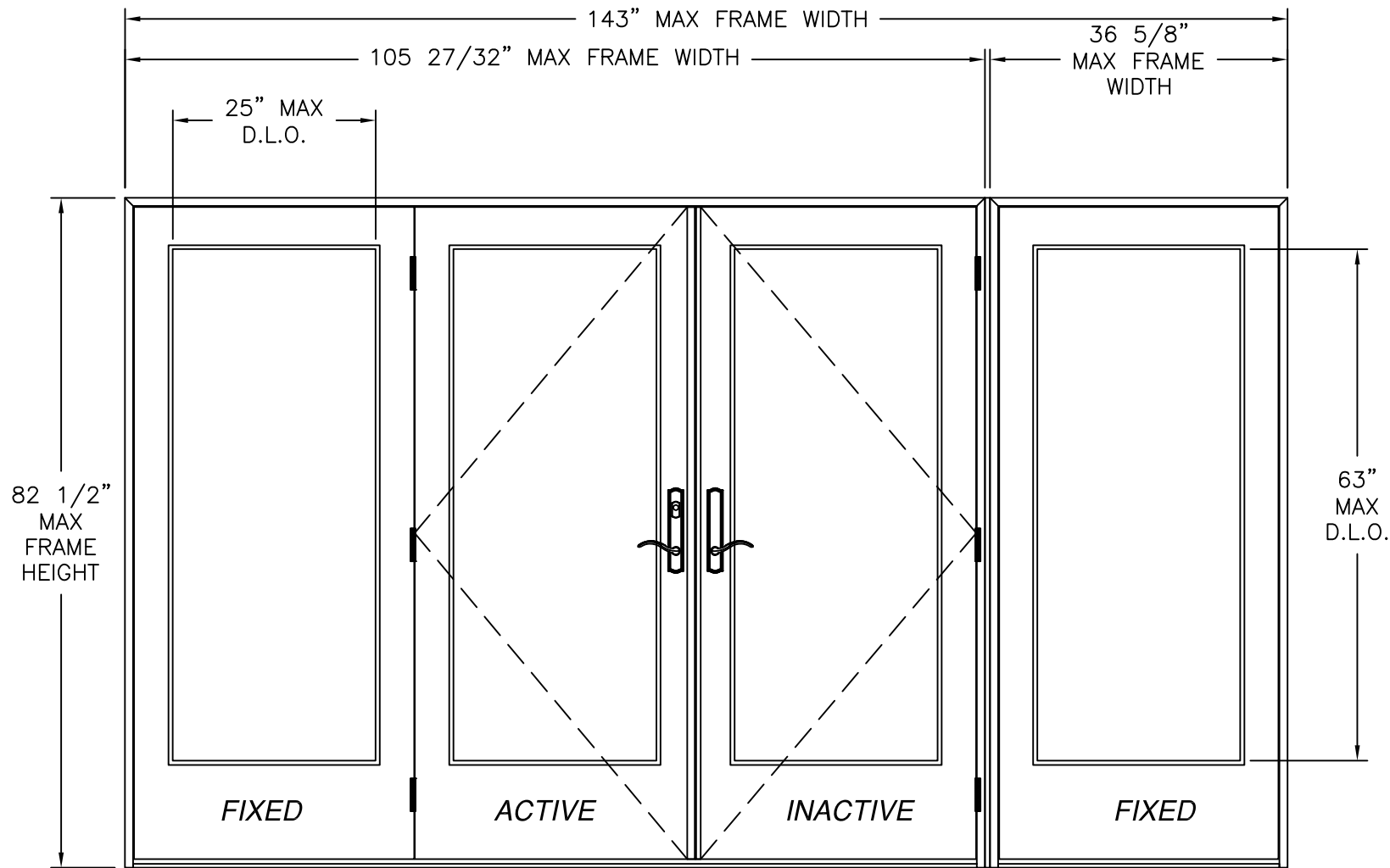


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD GLAZING DETAILS	05/13/2025	R.L.



- 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 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 $C_d=1.6$ 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: 35 1/4" X 80 5/16"

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

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 70.0\text{PSF}$	NONE

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

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

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

FIBERGLASS CLAD

ELEVATION AND NOTES

DRAWN:

L.M.P.

DWG NO.

08-01532D

REV

D

SCALE

NTS

DATE

04/09/2012

SHEET

1 OF 10

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 05/21/2025

LUIS R. LOMAS

LICENS. E.

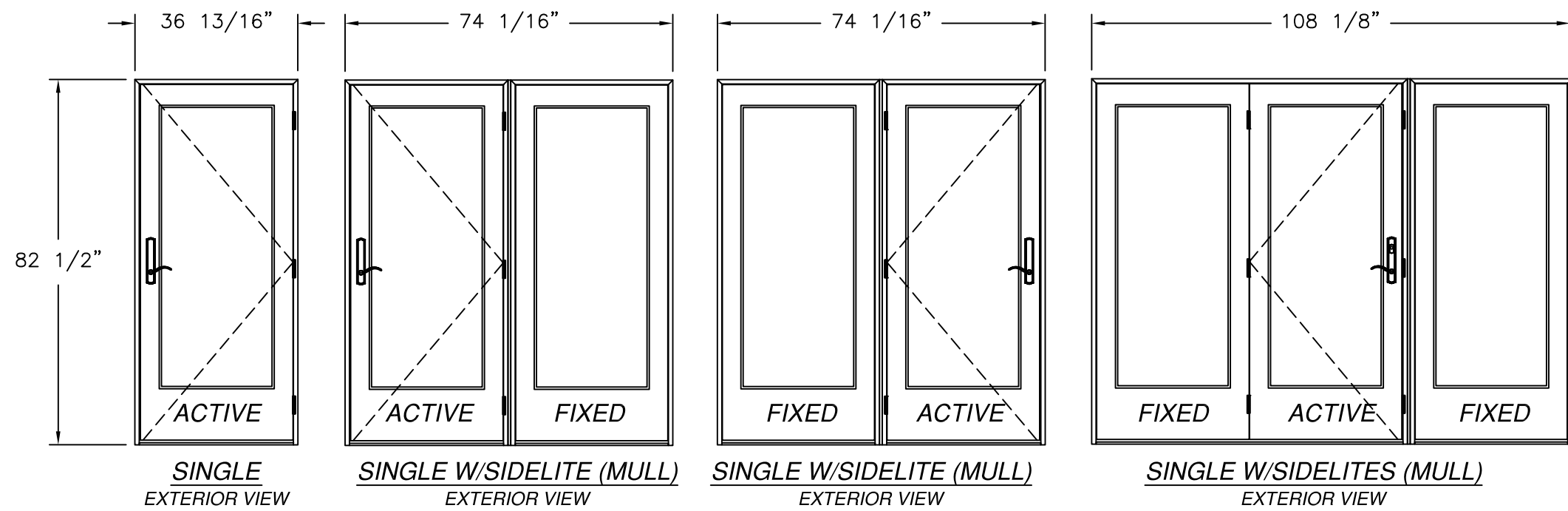
No. 62514

STATE OF FLORIDA

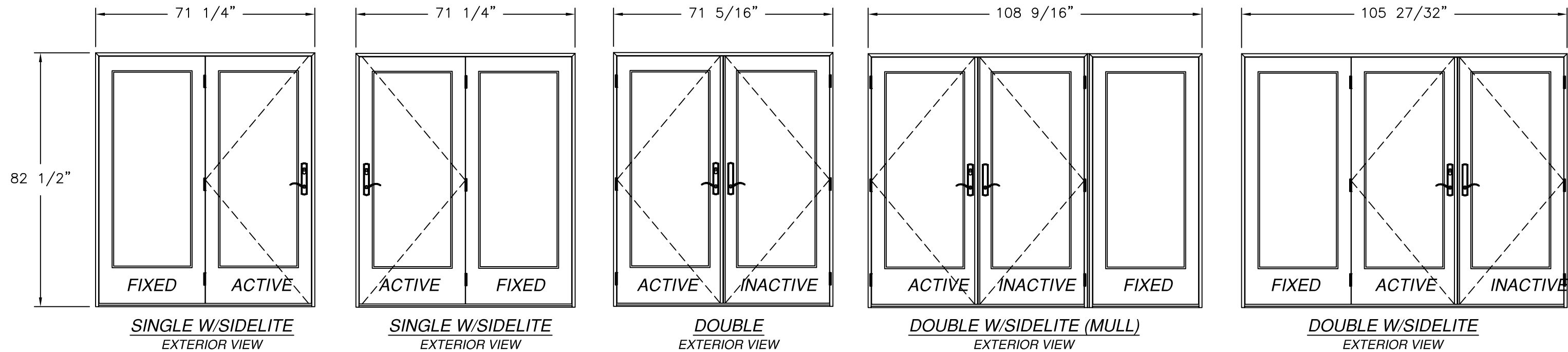
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISE TO ADD GLAZING DETAILS	05/13/2025	R.L.

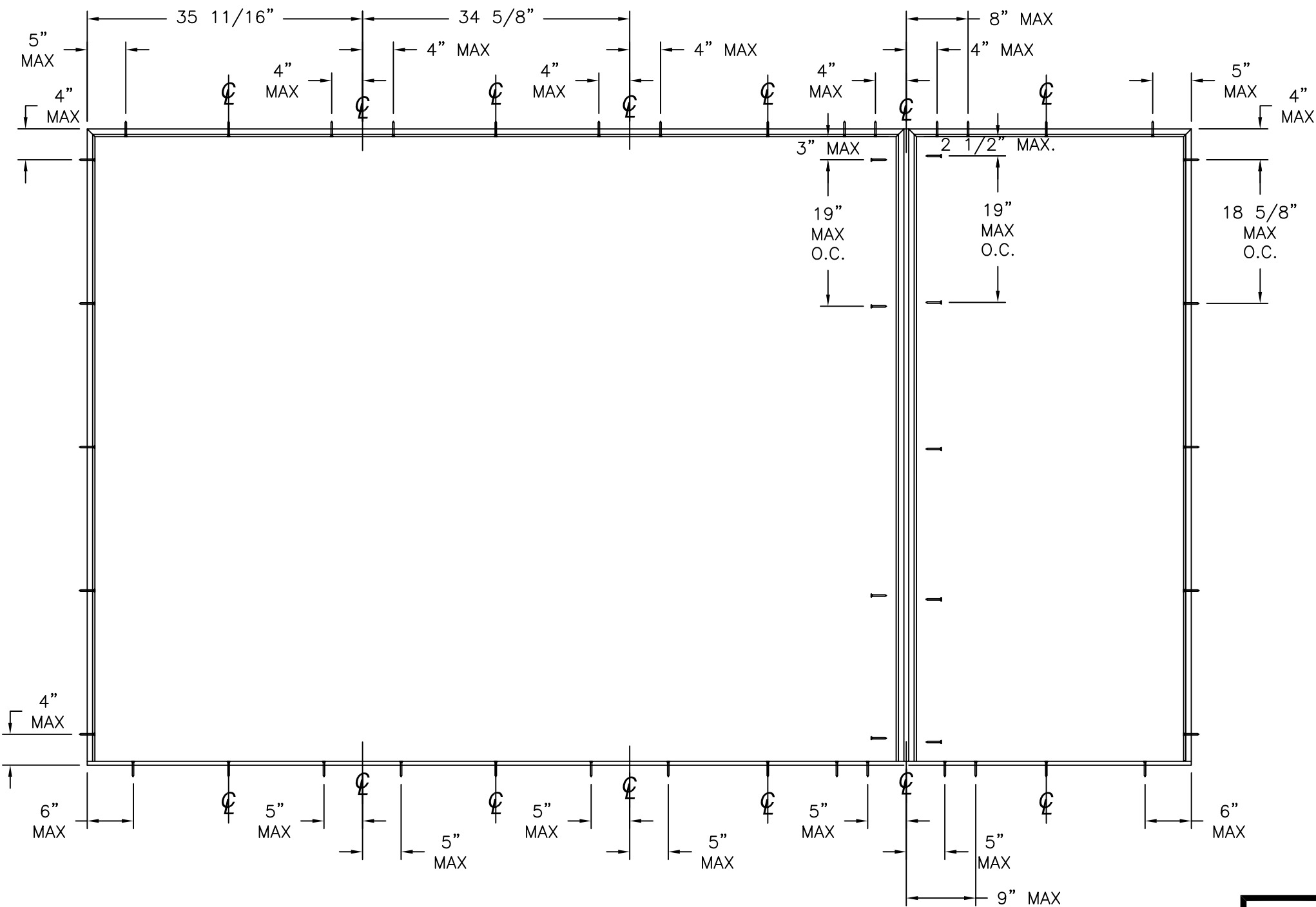


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NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS CLAD APPROVED ELEVATIONS		
DRAWN: L.M.P.	DWG NO. 08-01532D	REV D
SCALE NTS	DATE 04/09/2012	SHEET 2 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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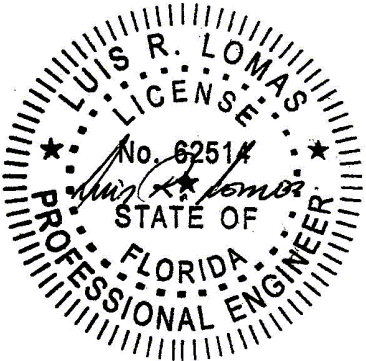
ANCHORING NOTES:

- 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).

ANCHORING LAYOUT

SIGNED: 05/21/2025

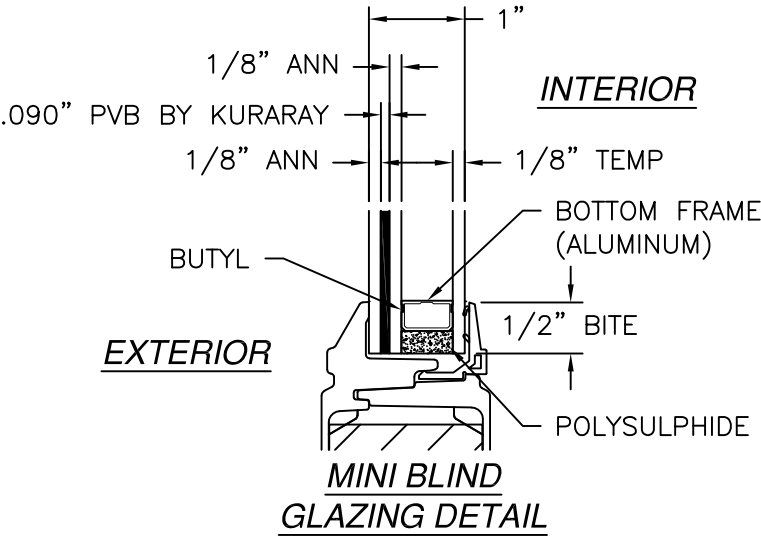
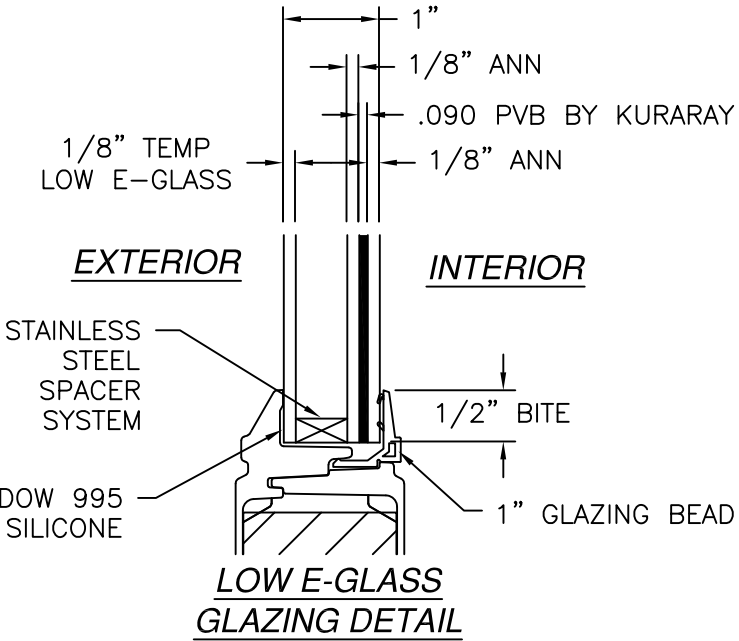
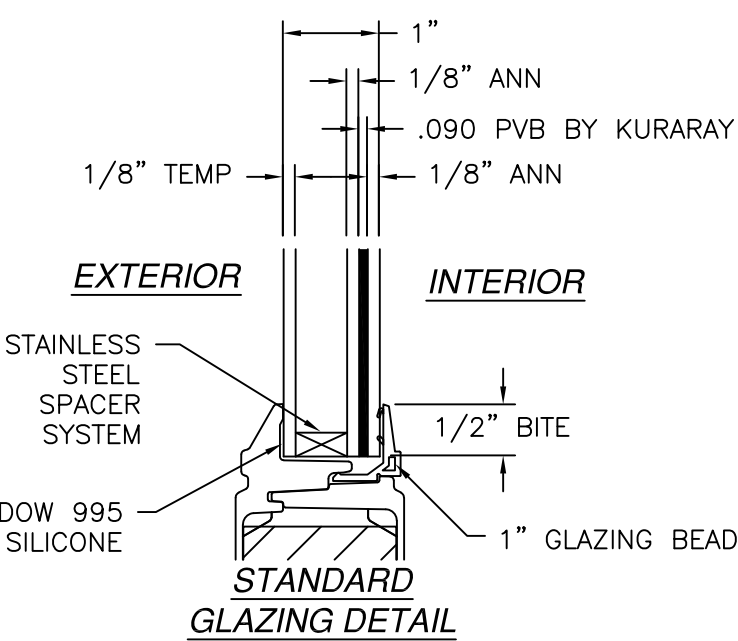
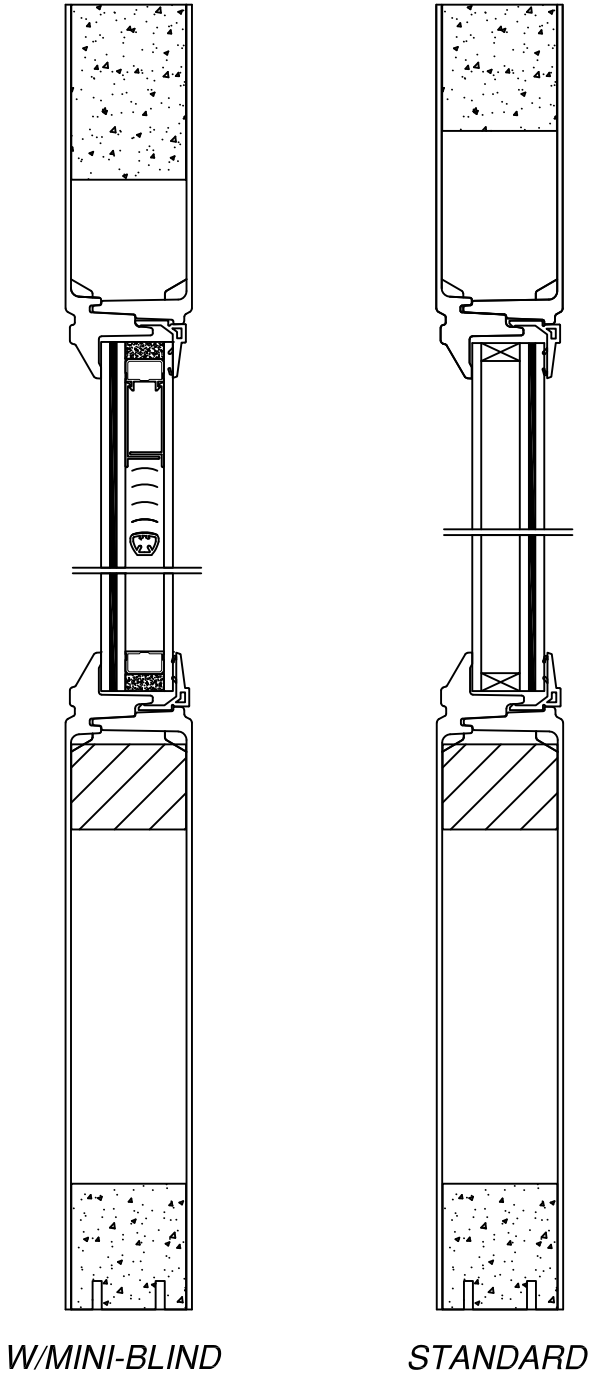
NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS CLAD ANCHORING LAYOUT		
DRAWN: L.M.P.	DWG NO. 08-01532D	REV D
SCALE NTS	DATE 04/09/2012	SHEET 3 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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D	REVISE TO ADD GLAZING DETAILS	05/13/2025	R.L.

APPROVED PANEL CONFIGURATIONS



SIGNED: 05/21/2025

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST

HOUSTON, TX 77029

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

FIBERGLASS CLAD

GLAZING DETAILS

DRAWN: L.M.P.

DWG NO. 08-01532D

REV D

SCALE NTS

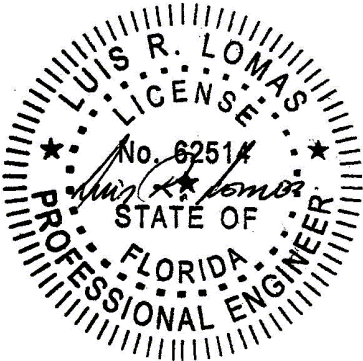
DATE 04/09/2012

SHEET 5 OF 10

L. ROBERTO LOMAS P.E.

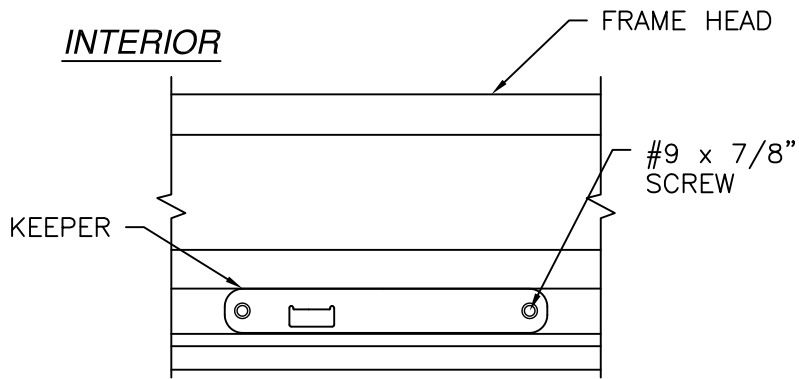
208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

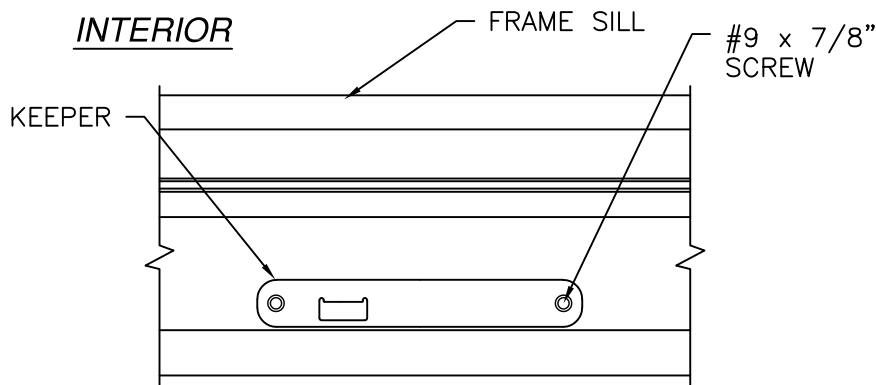


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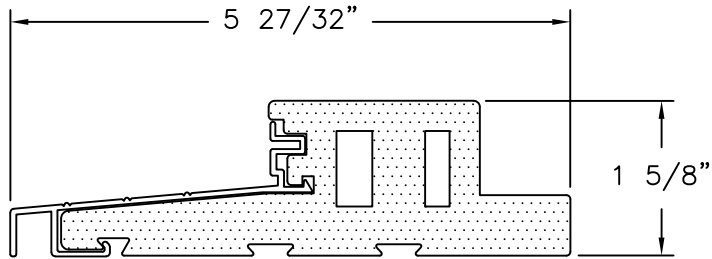
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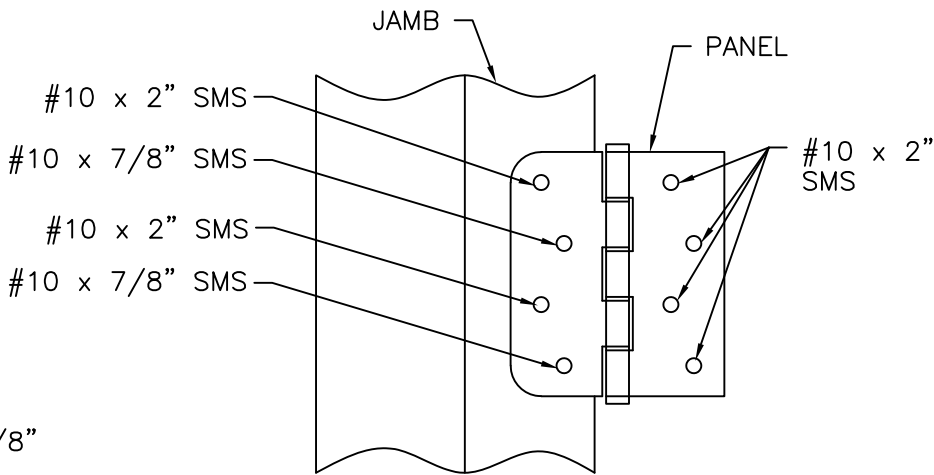
HEAD KEEPER DETAIL



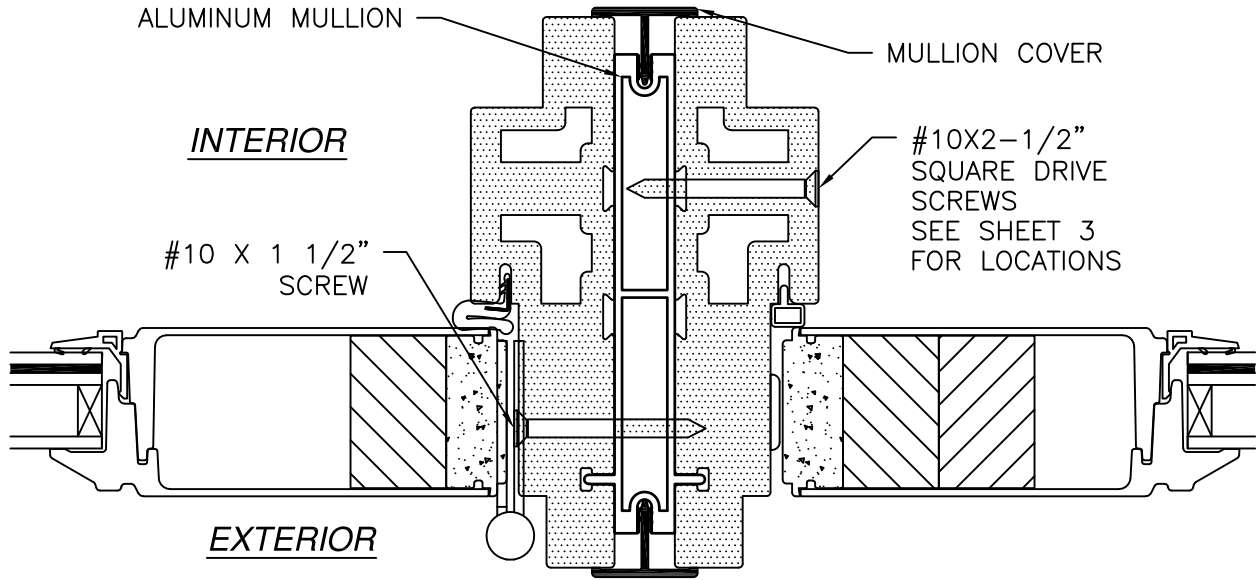
SILL KEEPER DETAIL



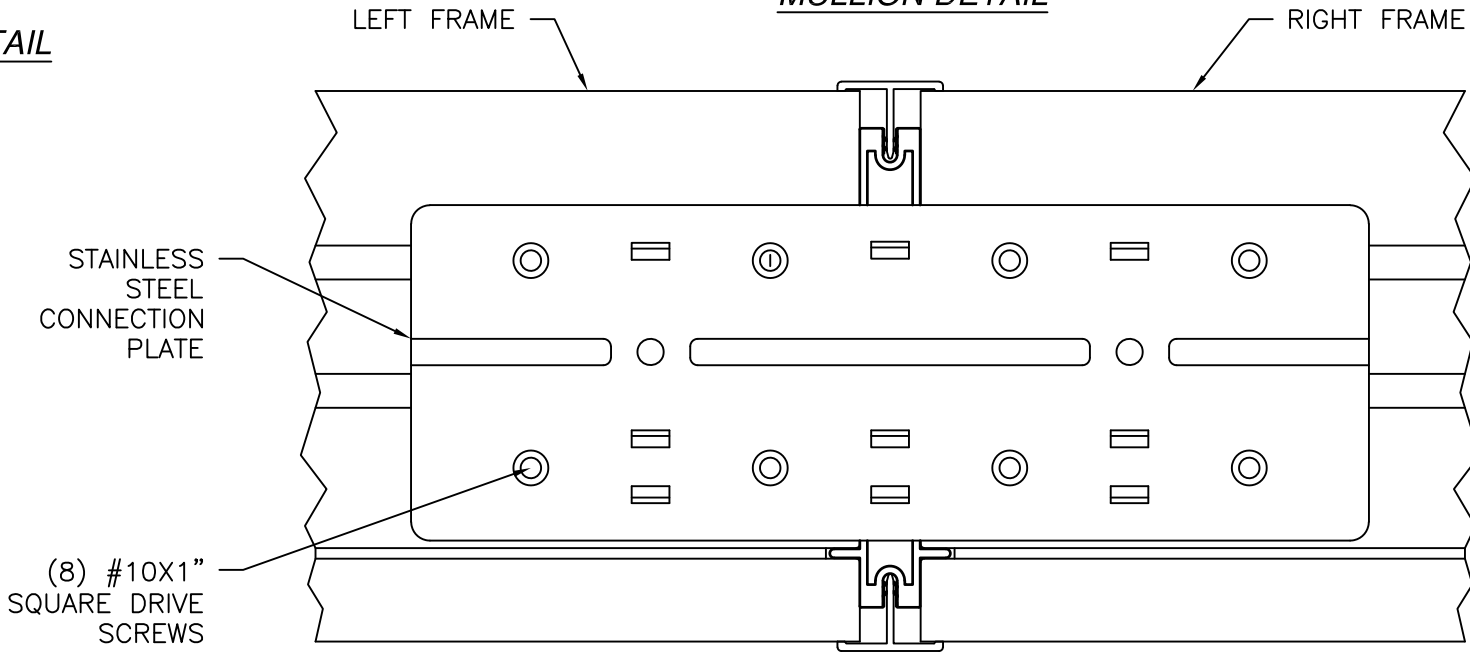
OUTSWING DOOR SILL DETAIL



HINGE INSTALLATION DETAIL



MULLION DETAIL

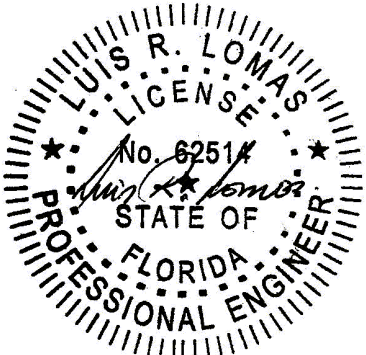


FRAME CONNECTION DETAIL

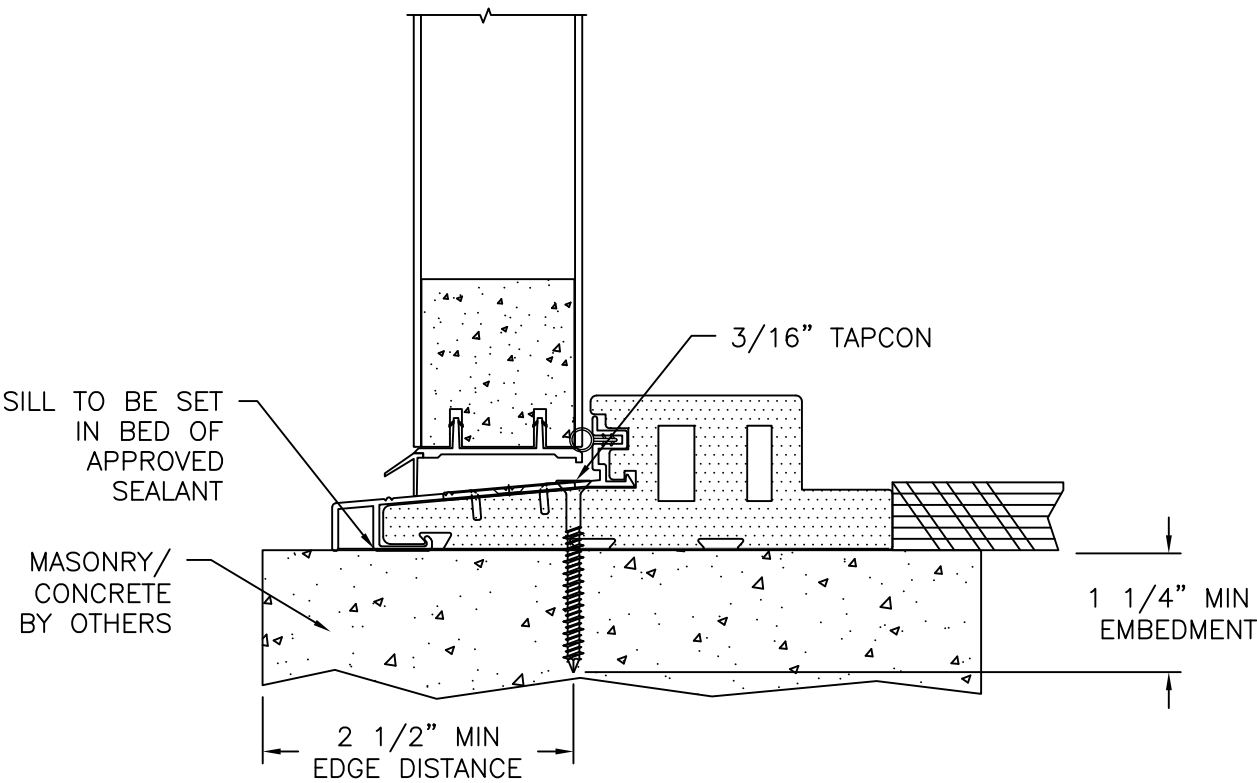
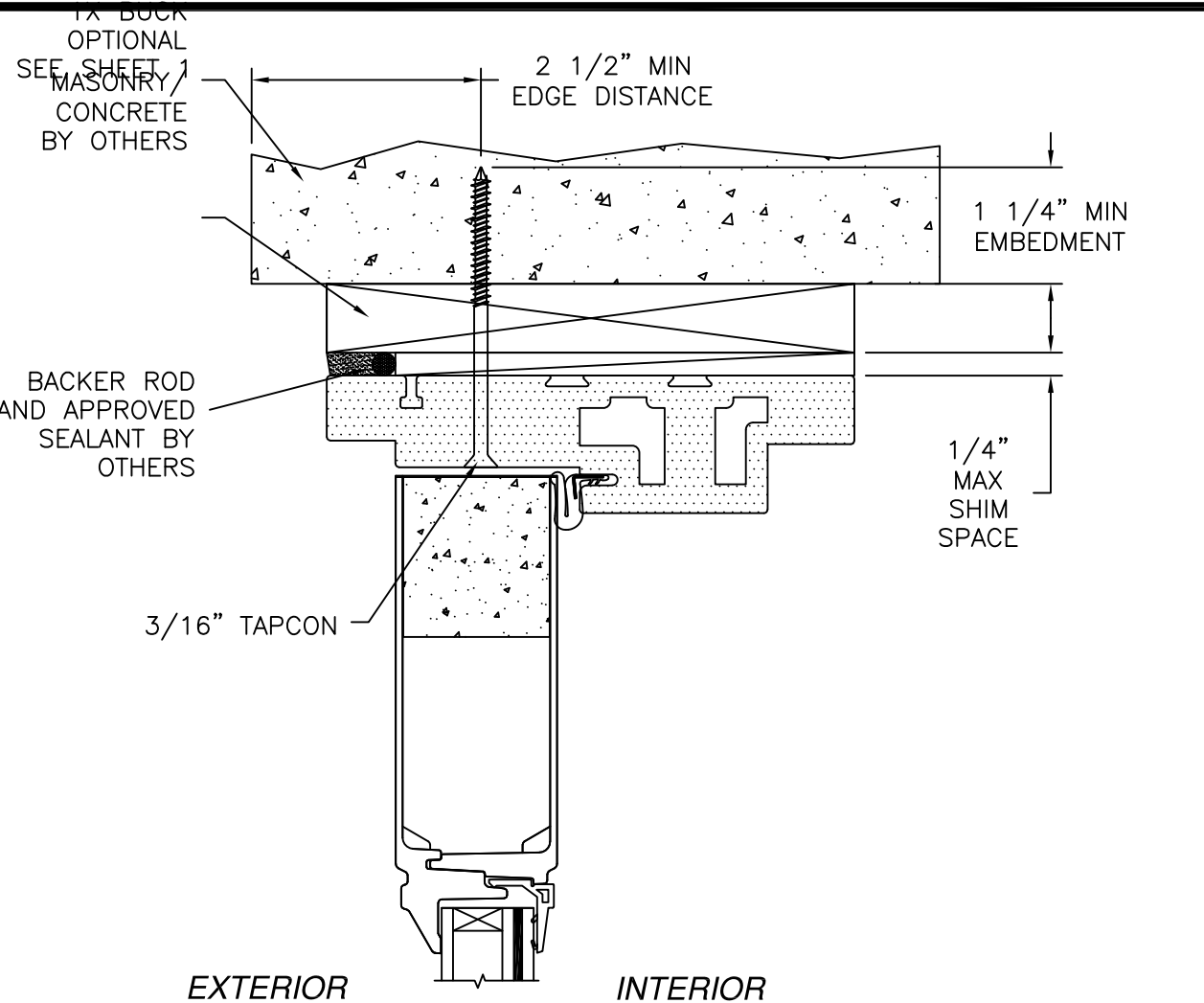
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HARDWARE SCHEDULE
A. 2 POINT LOCK BY NINGBO MICOTA (INACTIVE PANEL)
B. 4 POINT LOCK BY NINGBO MICOTA (ACTIVE PANEL)
C. (4) 4"x4" BUTT HINGES BY WENZHOU LONGTAI (PER PANEL)
D. ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
E. ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS

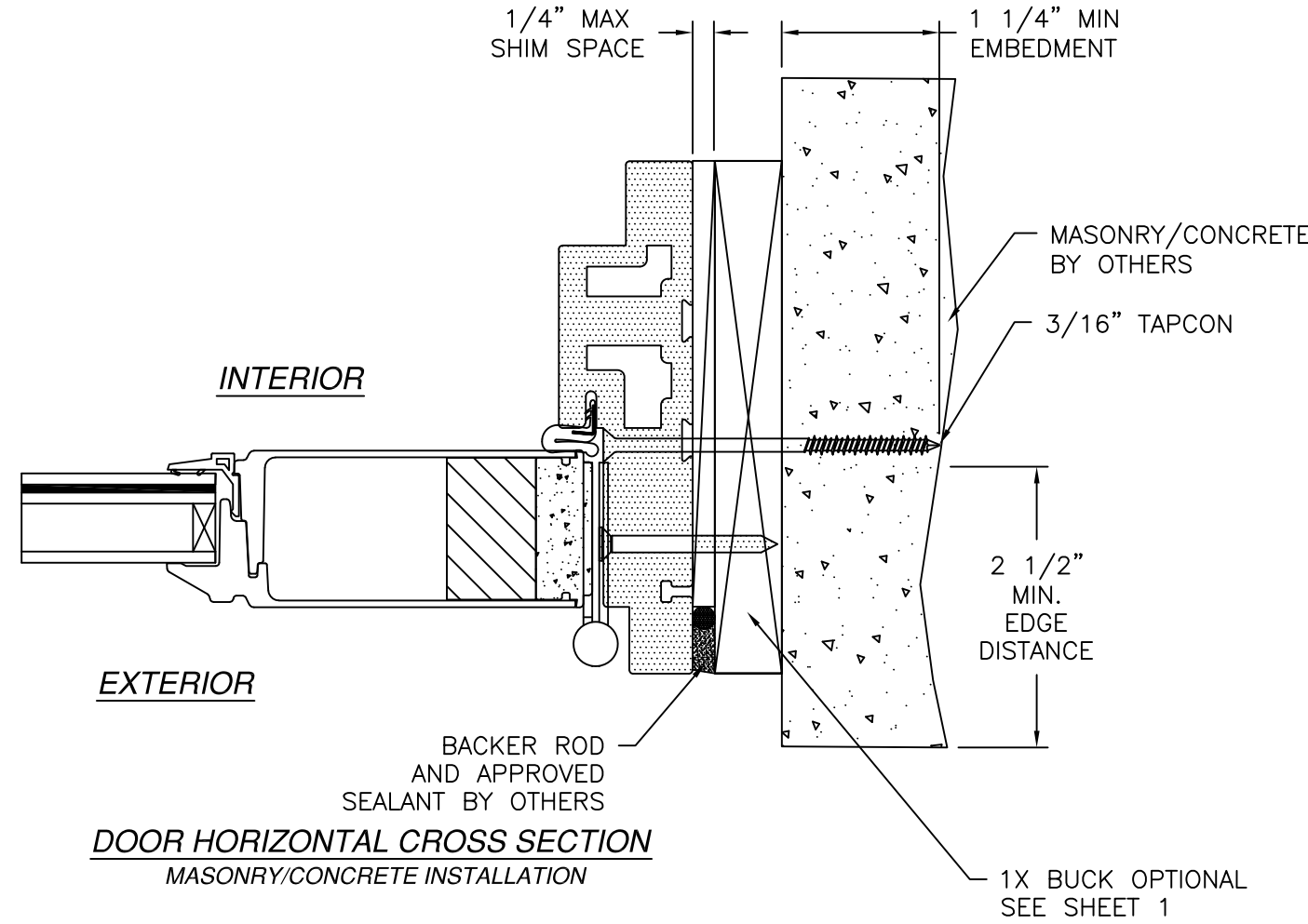
NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS CLAD INSTALLATION DETAILS		
DRAWN: L.M.P.	DWG NO. 08-01532D	REV D
SCALE NTS	DATE 04/09/2012	SHEET 6 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



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

REVISIONS			
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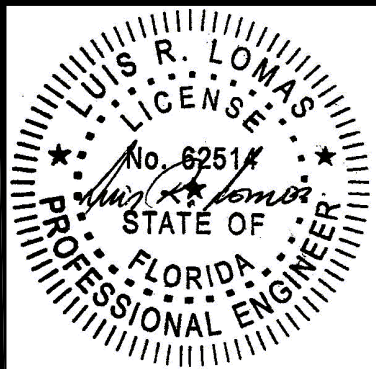
NAN YA PLASTICS CORP. USA
8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

DRAWN: L.M.P.	DWG NO. 08-01532D	REV D
SCALE NTS	DATE 04/09/2012	SHEET 7 OF 10

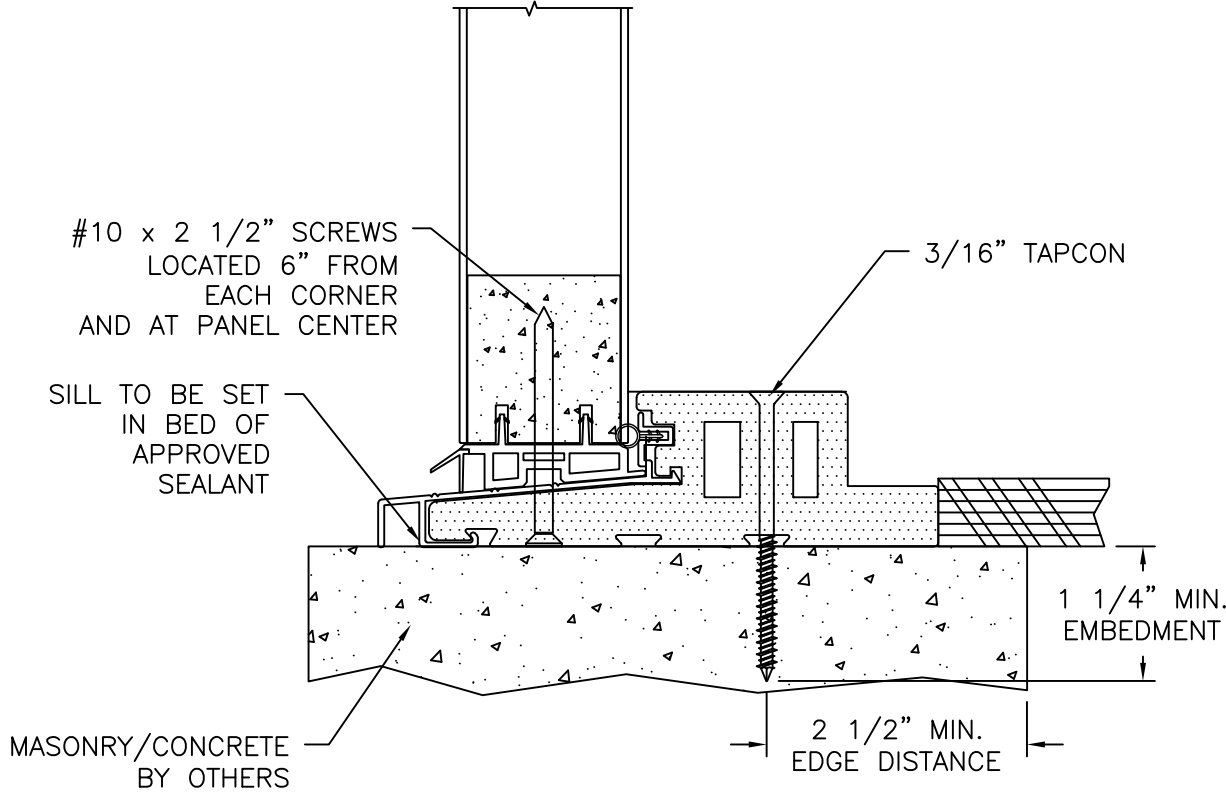
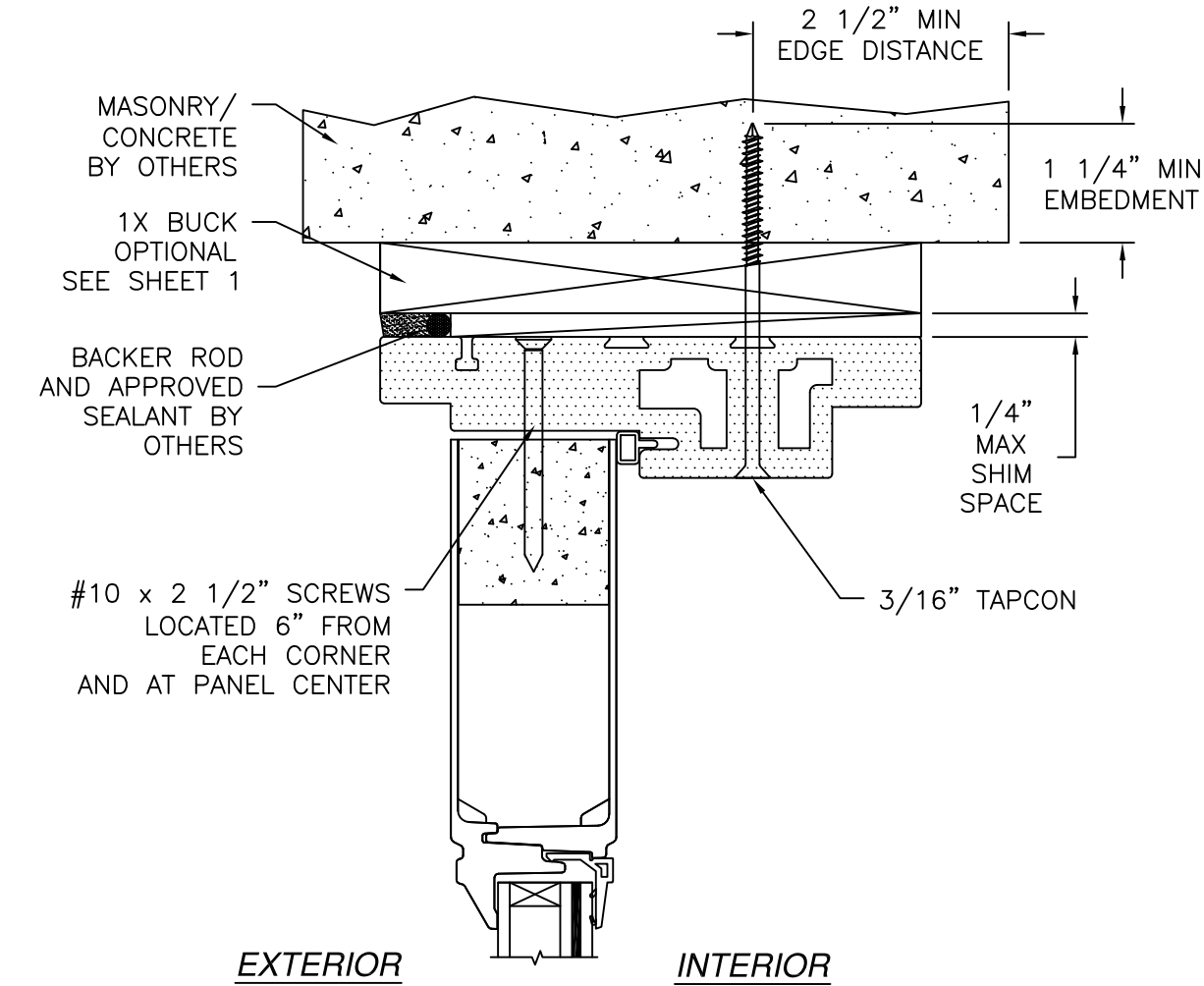
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208 7th Ave, INDIALANTIC, FL 32903
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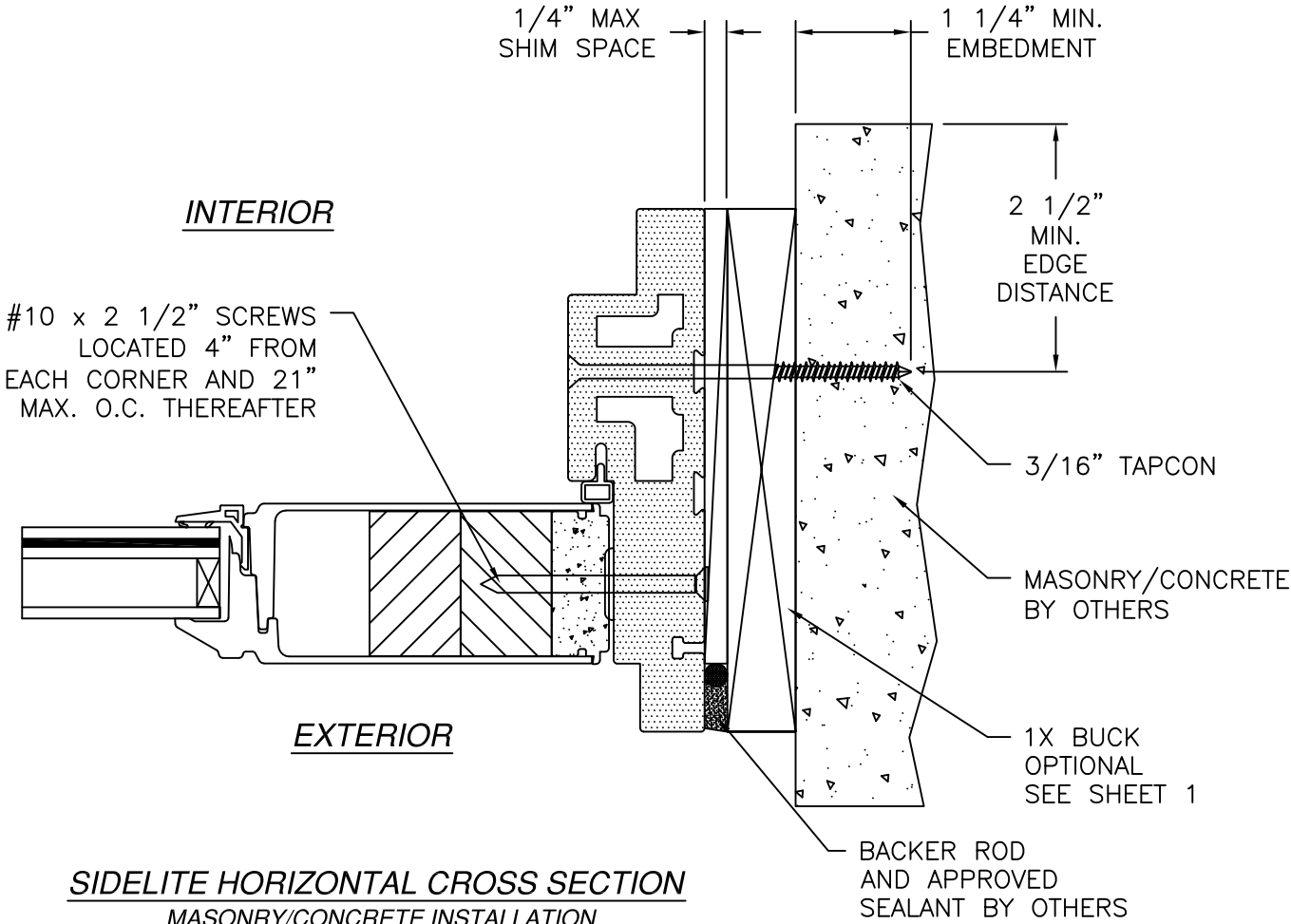


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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SIDELITE 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

SIGNED: 05/21/2025

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

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

FIBERGLASS CLAD

INSTALLATION DETAILS

DRAWN: L.M.P.

DWG NO. 08-01532D

REV D

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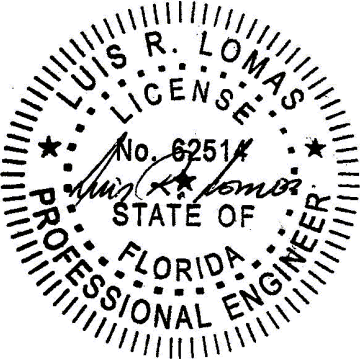
DATE 04/09/2012

SHEET 8 OF 10

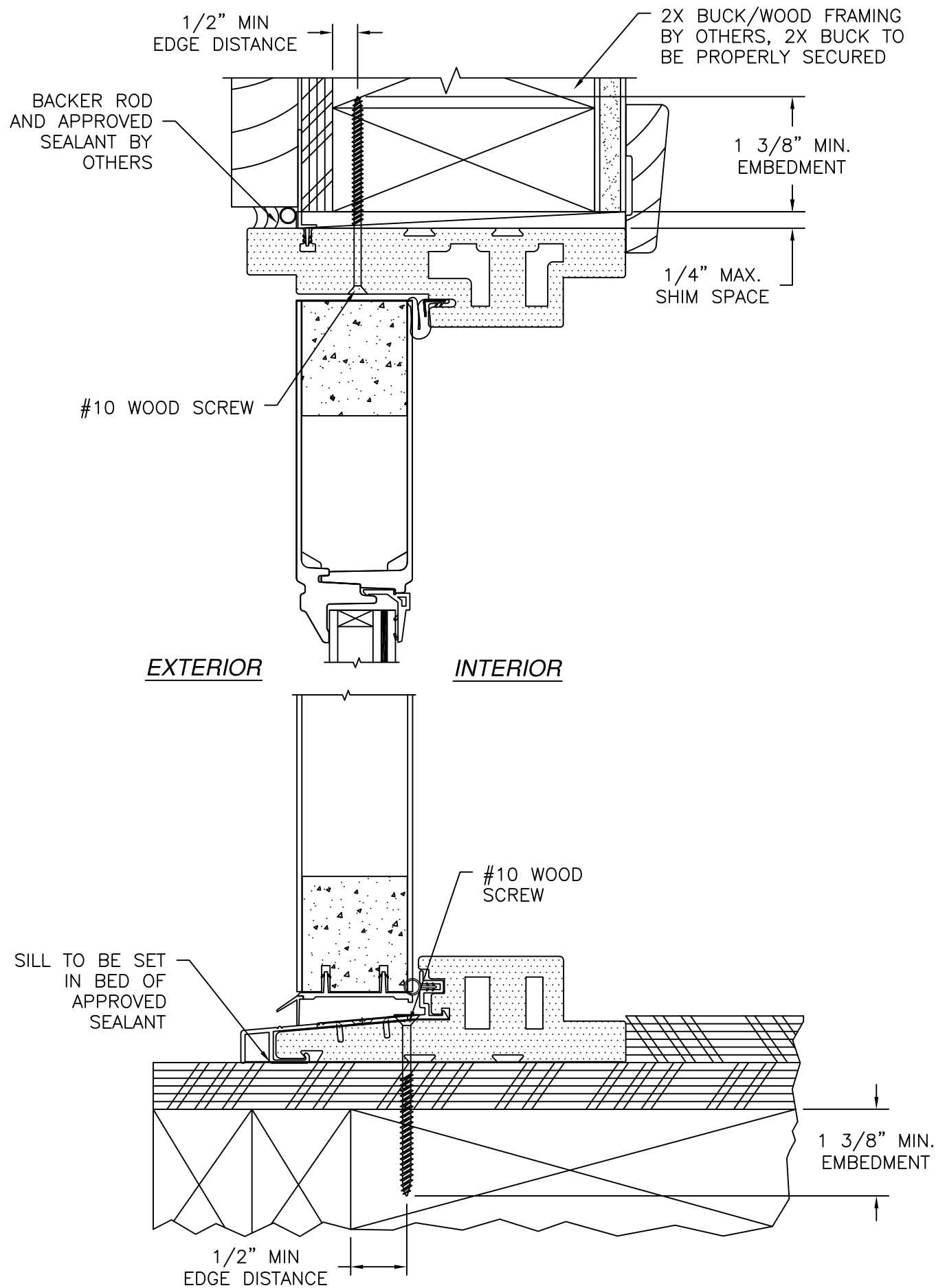
L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

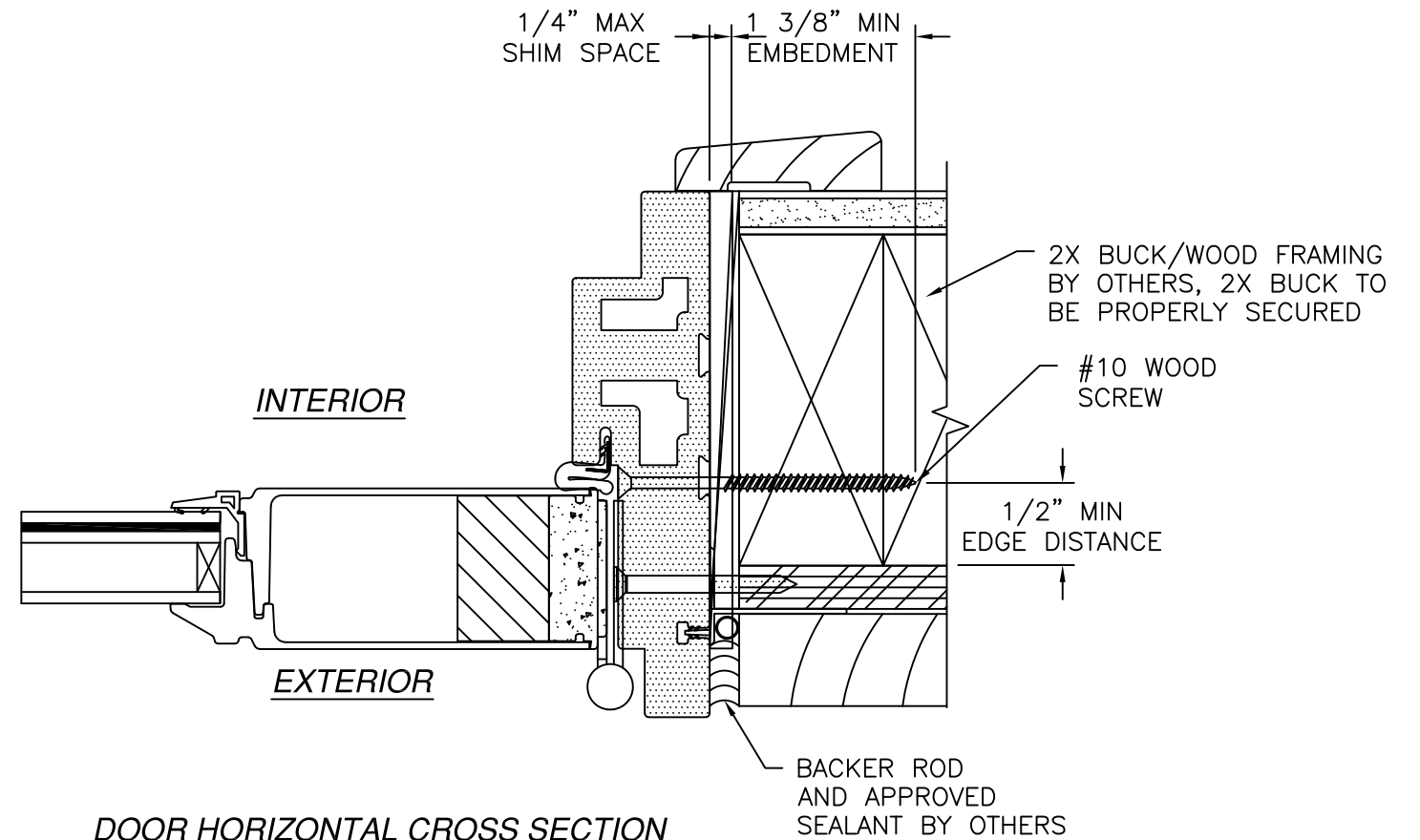
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FL No.: 62514



DOOR VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION

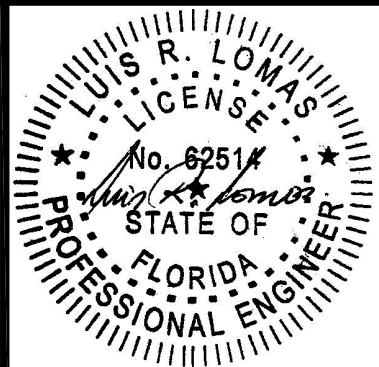


DOOR HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION

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

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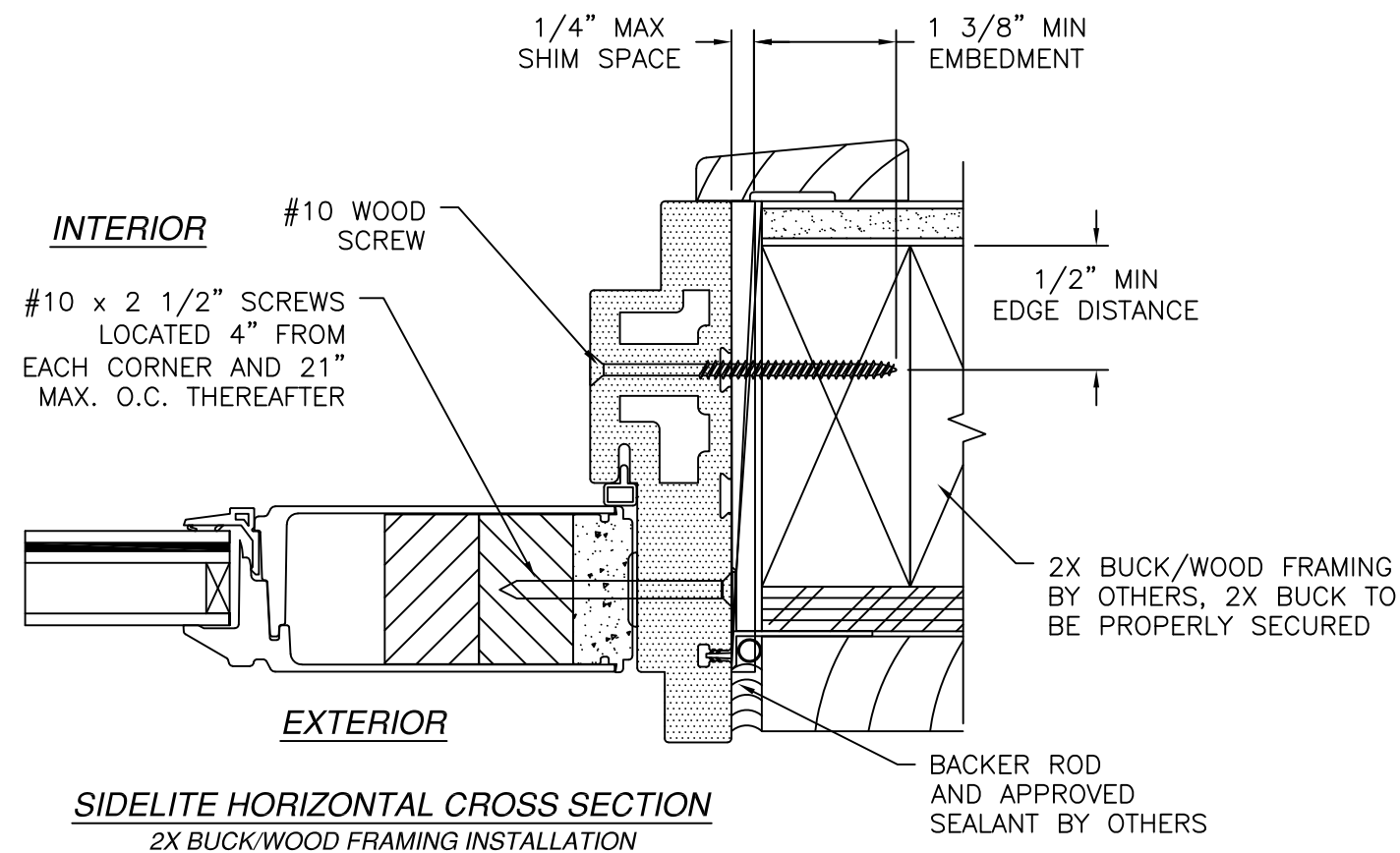
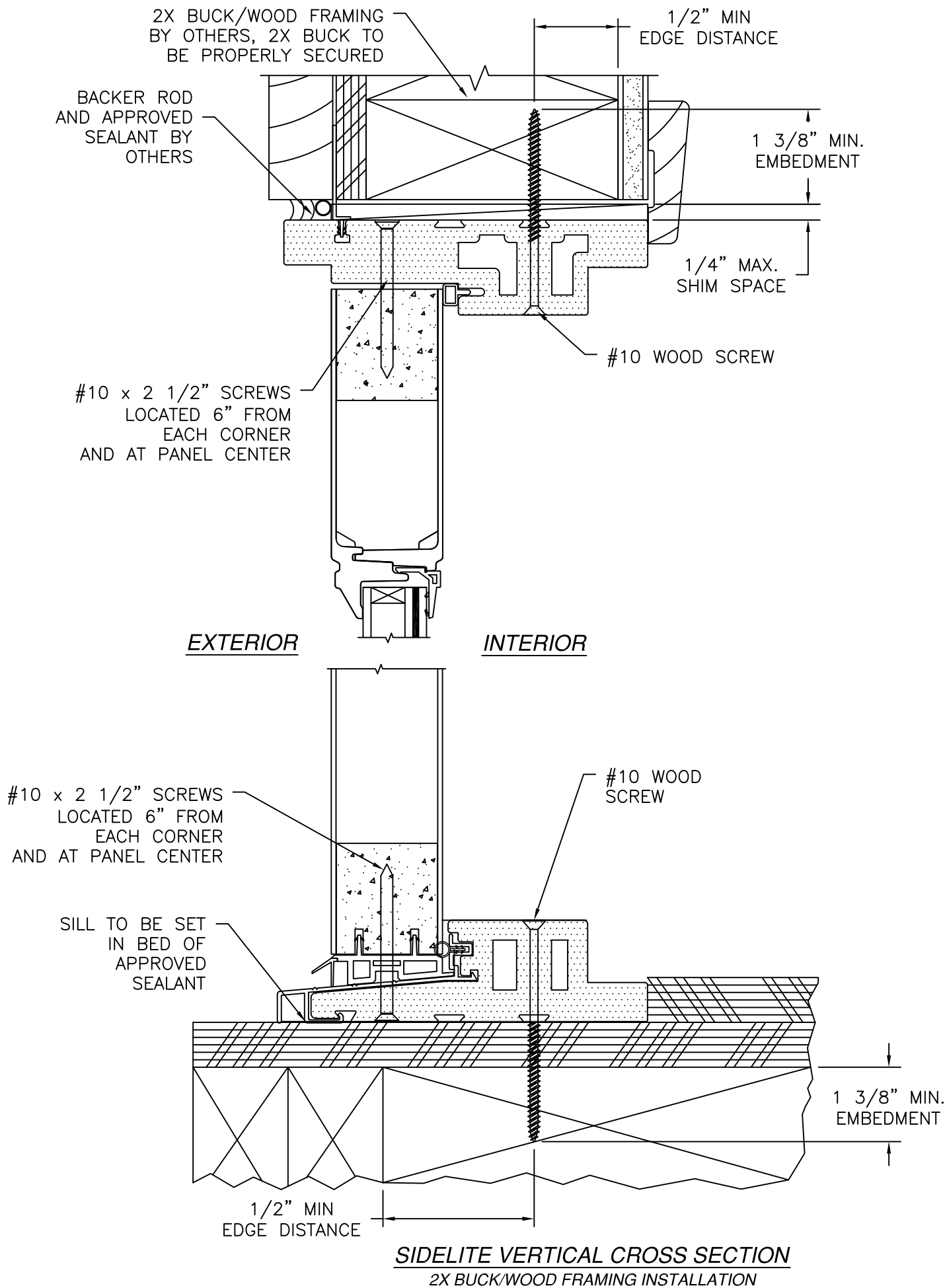
NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
OUT-SWING ENTRANCE DOOR W/ & W/O SIDELITES FIBERGLASS CLAD INSTALLATION DETAILS		
DRAWN: L.M.P.	DWG NO. 08-01532D	REV D
SCALE NTS	DATE 04/09/2012	SHEET 9 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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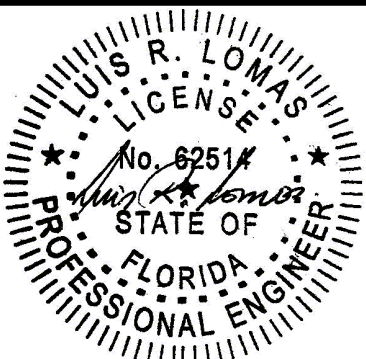
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