

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. 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.
6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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 2,000 PSI.
  - C. MASONRY: GROUT/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
  - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM
18. APPROVED CONFIGURATIONS: OX, XO.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 - 5	INSTALLATION DETAILS
6	COMPONENTS
7	APPROVED PANEL CONFIGURATIONS

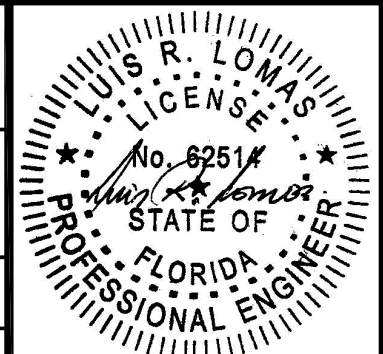
NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
NOTES

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 1 OF 7

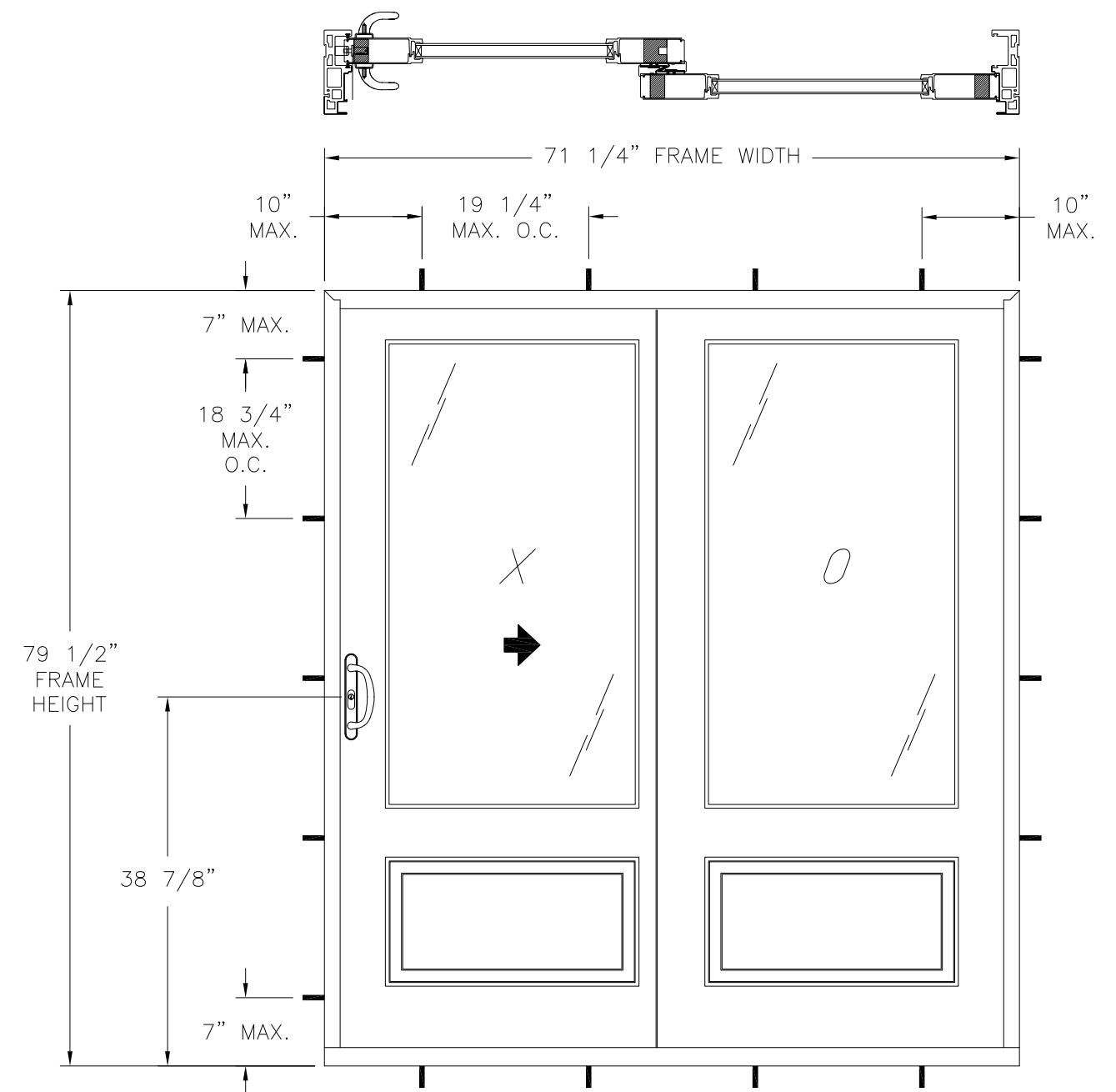
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 07/08/2024



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.



- NOTES:
- PANEL SIZE: 35 3/4" X 76 9/16"
  - D.L.O.: 25" X 63"

**SERIES "GLIDING PATIO DOOR" FIBERGLASS SGD 3/4" LITE PANELS**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

HARDWARE SCHEDULE	
A.	HANDLE SETS (DIE CAST) AT ACTIVE PANEL STILE
B.	SINGLE LOCKING SYSTEM WITH KEEPER AT ACTIVE PANEL STILE
C.	STAINLESS STEEL ADJUSTABLE ROLLER AT EACH END OF ACTIVE PANEL
D.	WOOD REINFORCEMENT (A) ON BOTH FIXED AND ACTIVE PANEL TOP RAILS
E.	WOOD REINFORCEMENT (B) AT FIXED PANEL STILE
F.	WOOD REINFORCEMENT (C) AT FIXED AND ACTIVE PANEL STILES

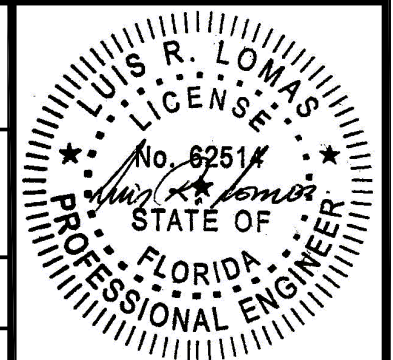
NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
ELEVATION

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 2 OF 7

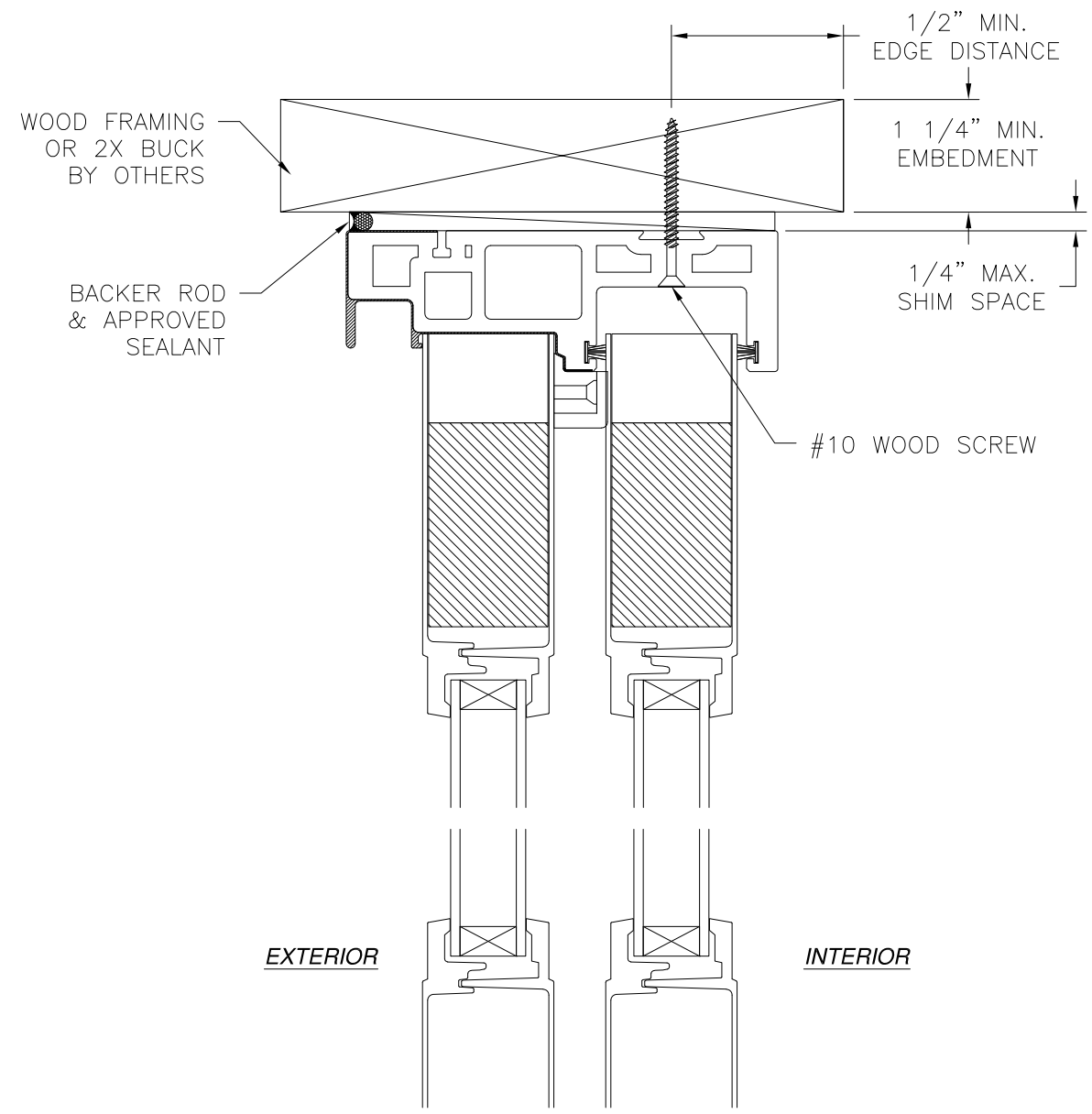
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/08/2024

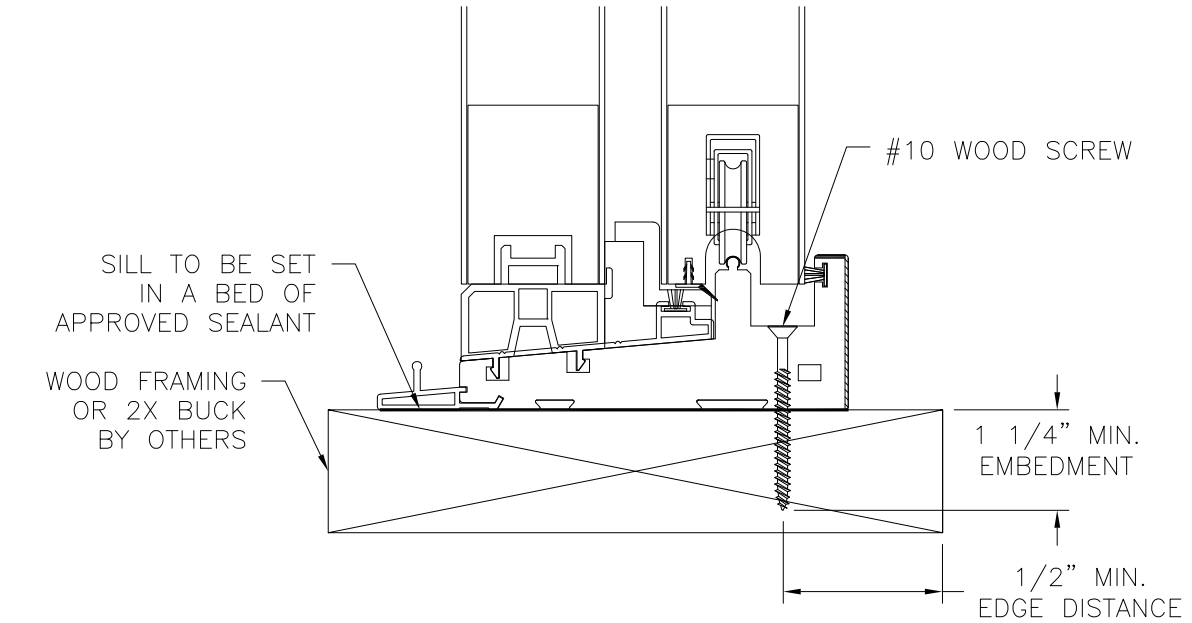


Luis R. Lomas P.E.  
FL No.: 62514

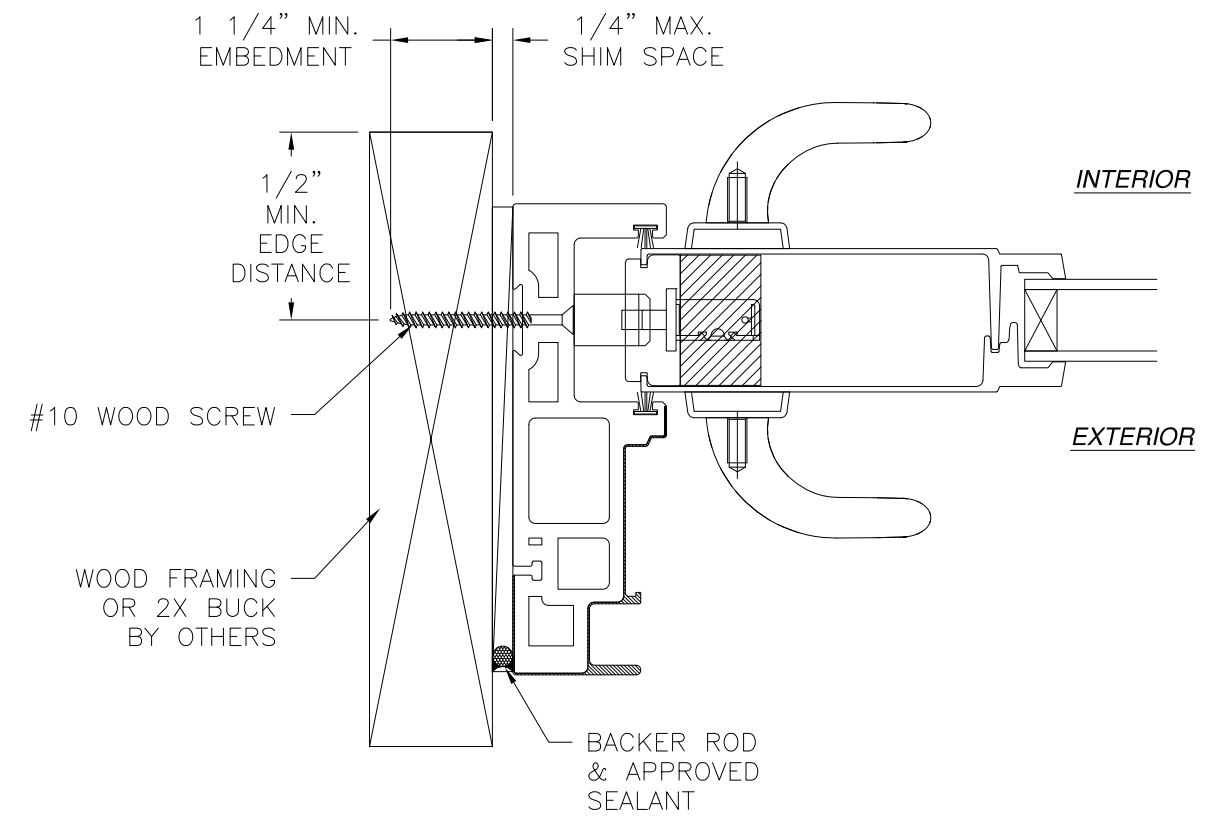
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.



EXTERIOR INTERIOR



**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK 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: 07/08/2024

NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

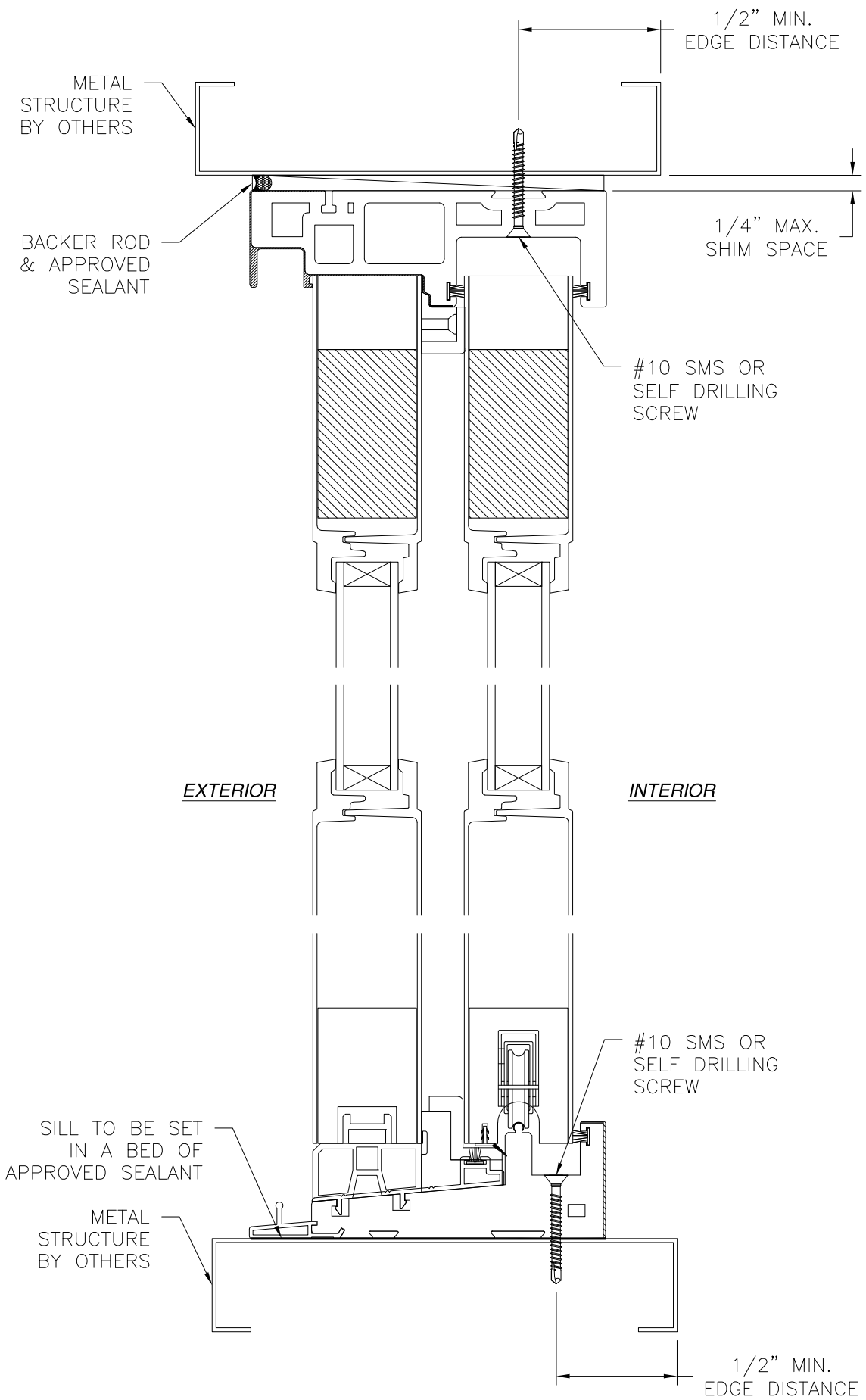
SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 3 OF 7

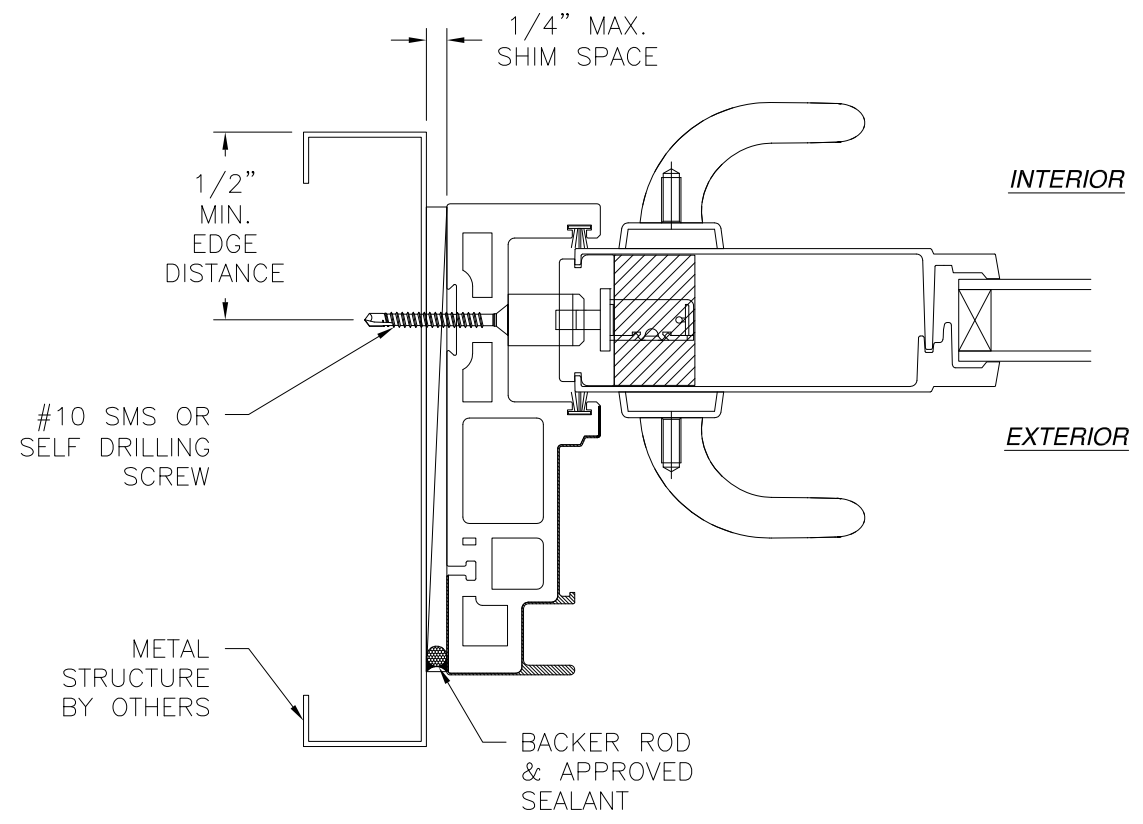
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE 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

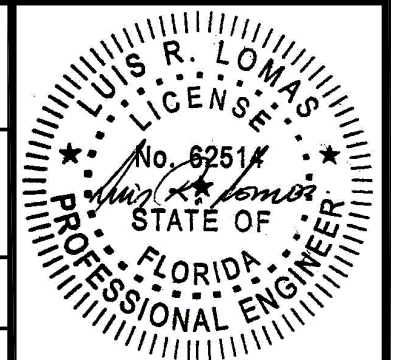
SIGNED: 07/08/2024

NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

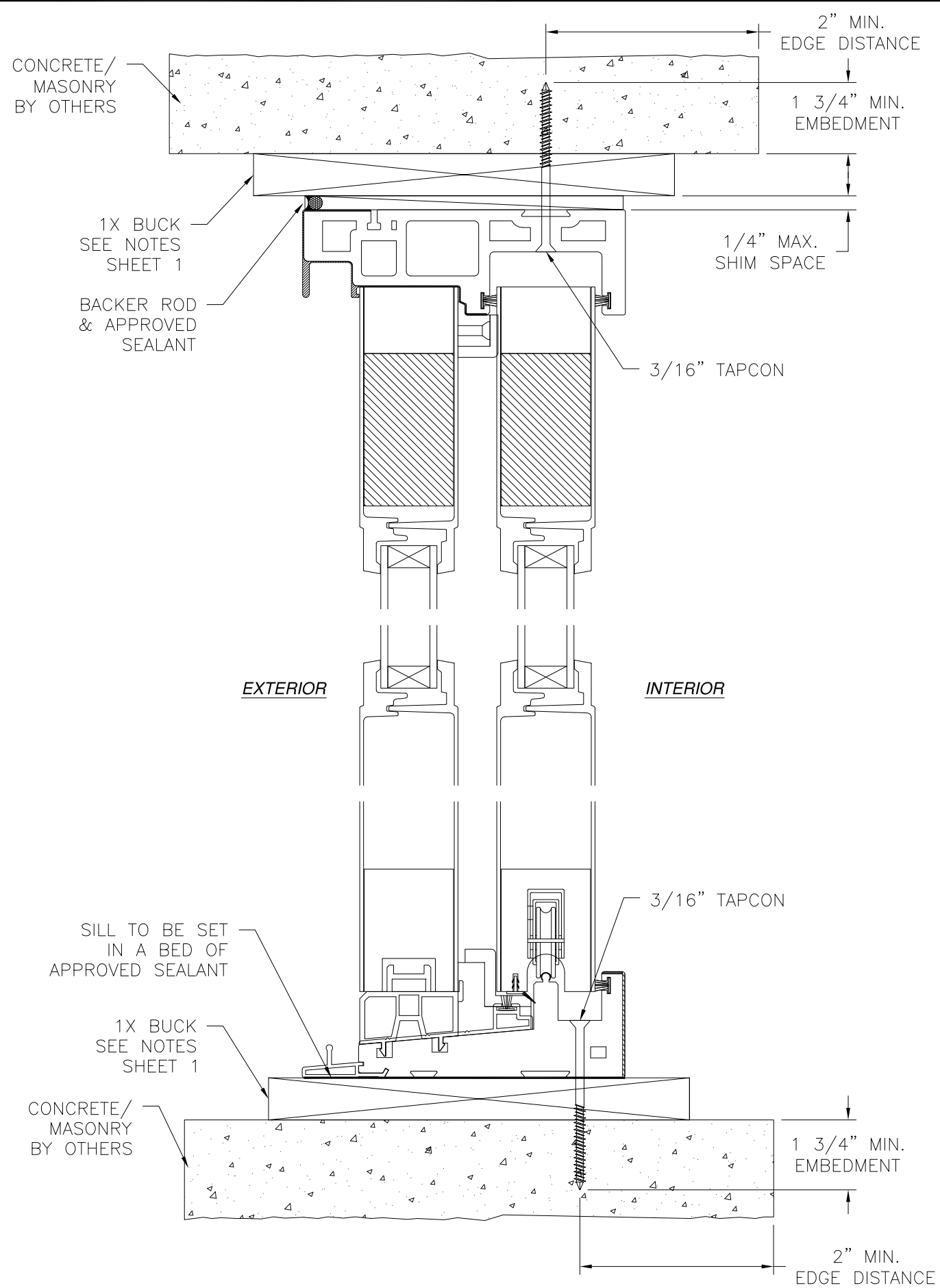
SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 4 OF 7

L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

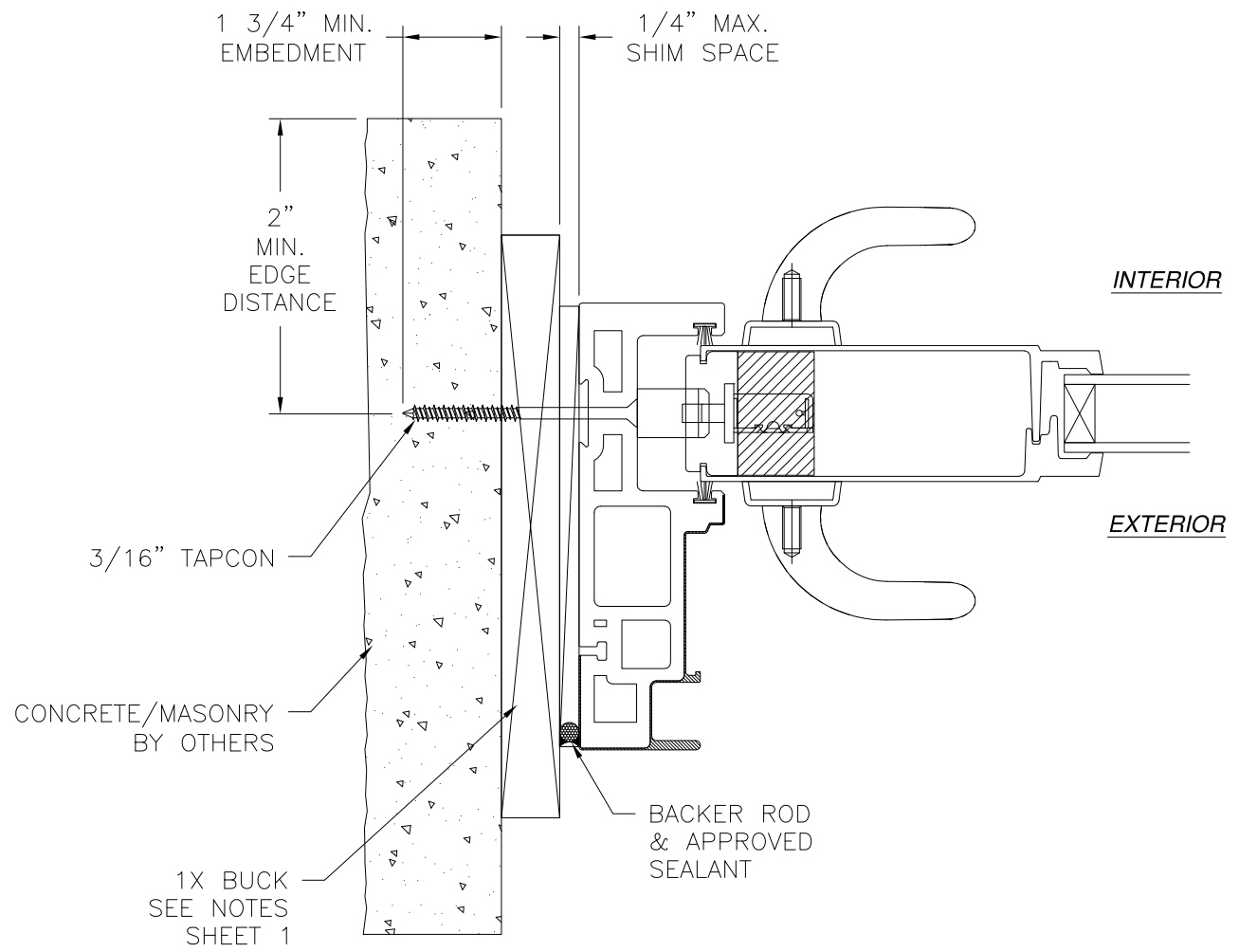


Luis R. Lomas P.E.  
FL No.: 62514



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.



**JAMB INSTALLATION DETAIL**  
CONCRETE/MASONRY 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

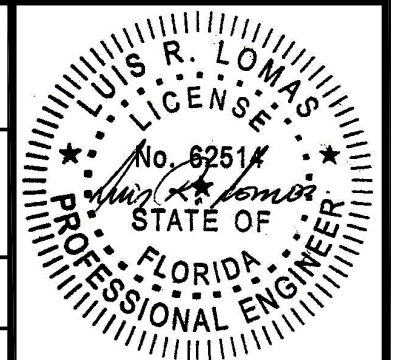
SIGNED: 07/08/2024

NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
INSTALLATION DETAILS

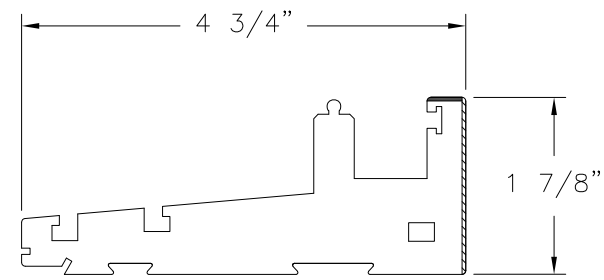
DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 5 OF 7

L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

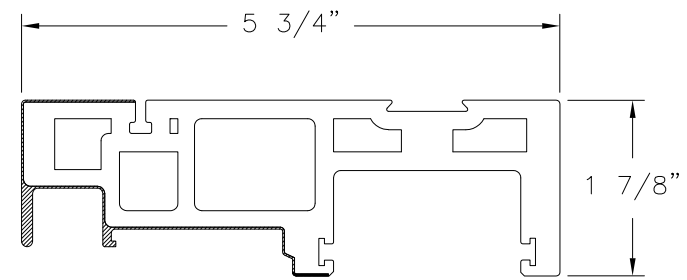


Luis R. Lomas P.E.  
FL No.: 62514

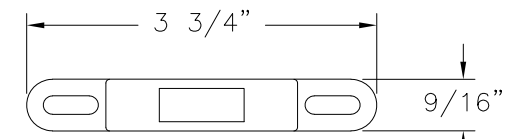
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.



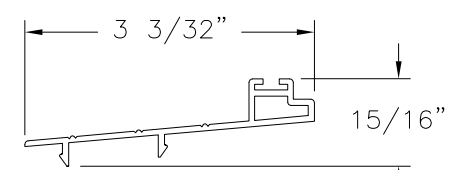
**GLIDING SILL-(A)**  
FOAM PVC CO-EX



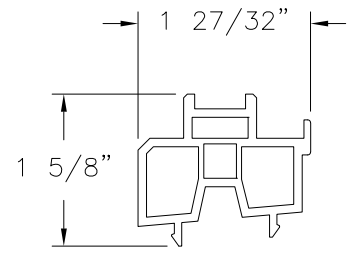
**HEAD FRAME & JAMB**  
FOAM PVC CO-EX



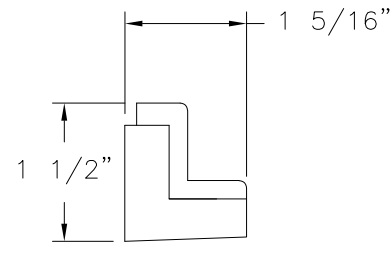
**LOCK KEEPER**  
STAINLESS STEEL (SH717)



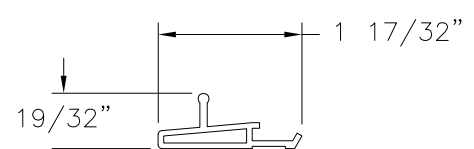
**GLIDING SILL-(B)**  
ALUMINUM



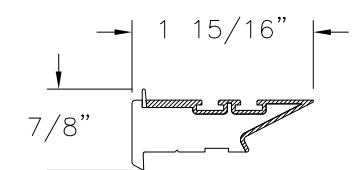
**STATIONARY BASE**  
RIGID PVC



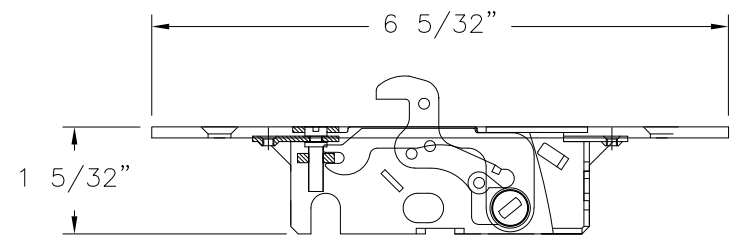
**DOWNSIDE WIND STOPPER**  
EPDM



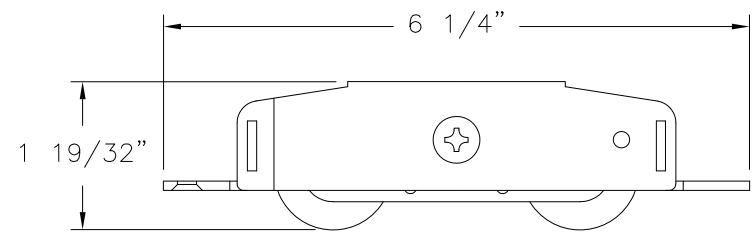
**SCREEN RAIL**  
ALUMINUM



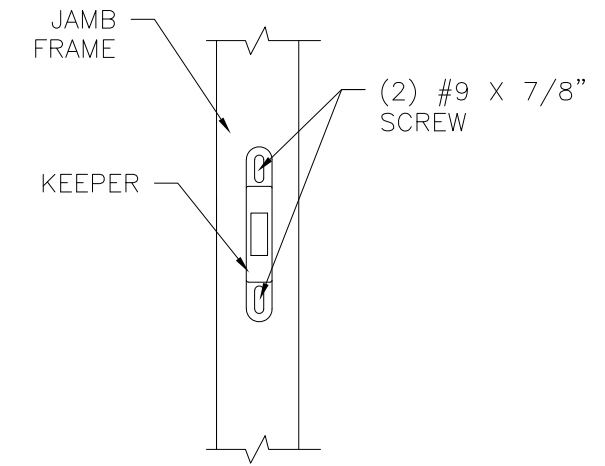
**MEETING STILE INTERLOCK**  
FOAM PVC CO-EX



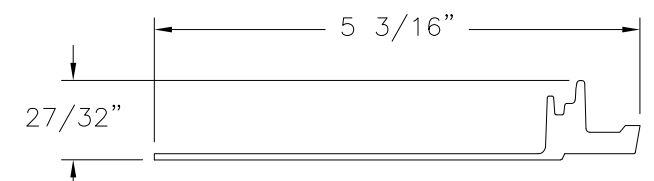
**SINGLE LOCKING SYSTEM**  
STAINLESS STEEL (SH721)



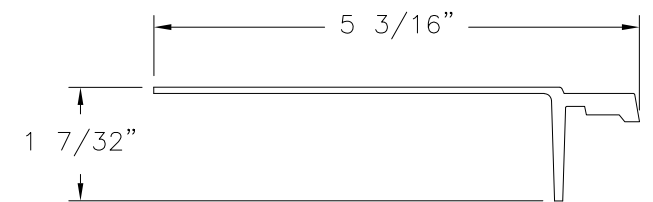
**ADJUSTABLE ROLLER**  
STAINLESS STEEL



**LOCK KEEPER DETAIL**



**SHEET MOLDING COMPOUND SKIN-1**  
FIBERGLASS



**SHEET MOLDING COMPOUND SKIN-2**  
FIBERGLASS

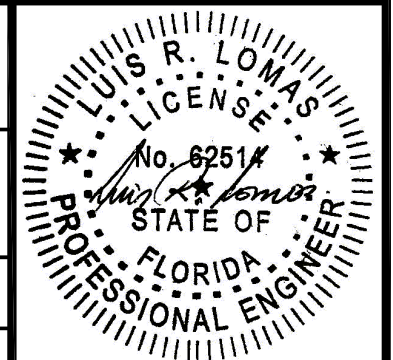
NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
COMPONENTS

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 6 OF 7

L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 07/08/2024



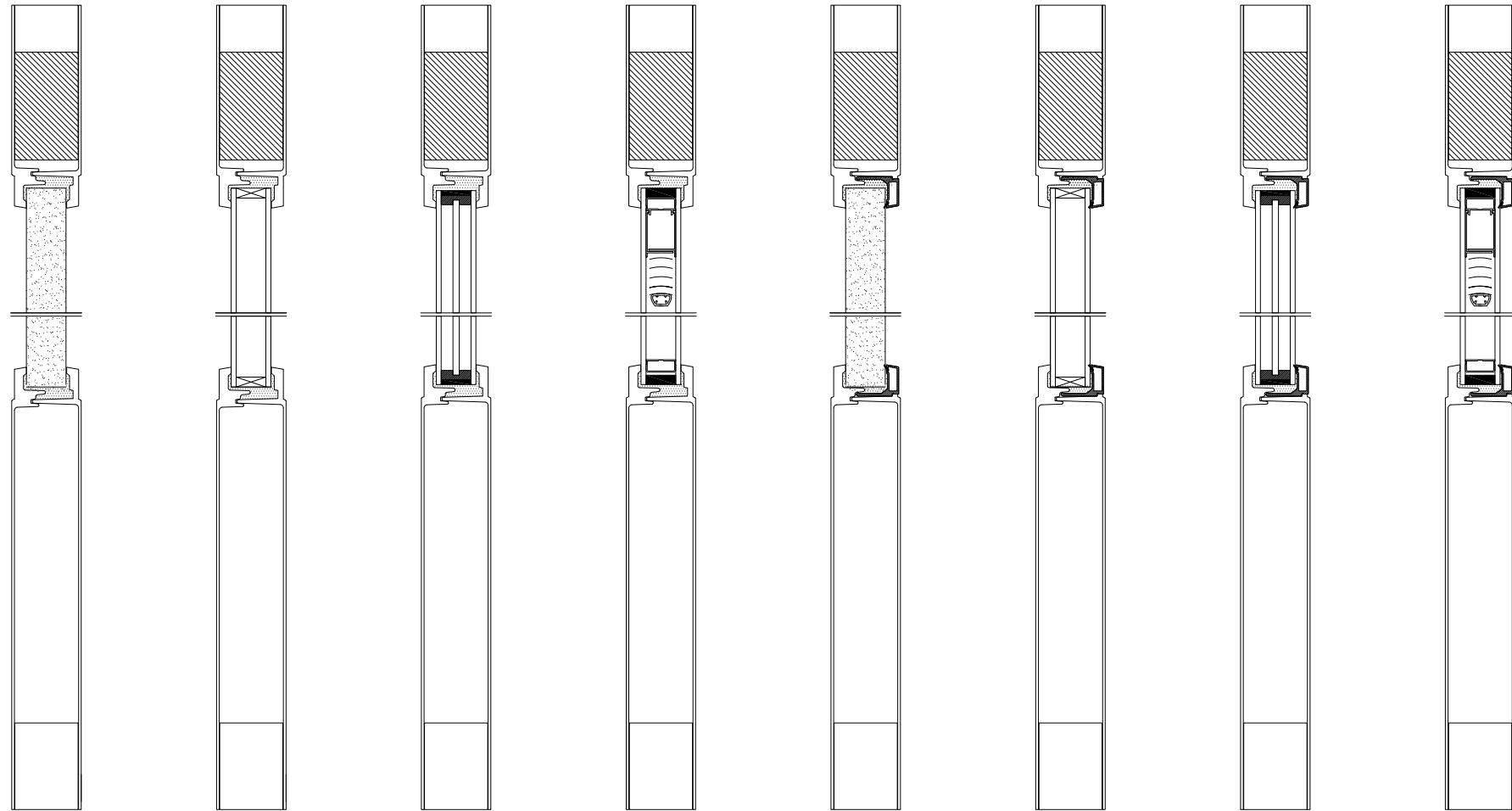
Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD COMPONENTS	05/15/2024	R.L.

APPROVED PANEL CONFIGURATIONS

DIRECT GLAZING

OPEN GLAZING BEAD



W/PVC FOAM BOARD

W/STD GLASS

W/MATTE GLASS

W/MINI-BLIND

W/PVC FOAM BOARD

W/STD GLASS

W/MATTE GLASS

W/MINI-BLIND

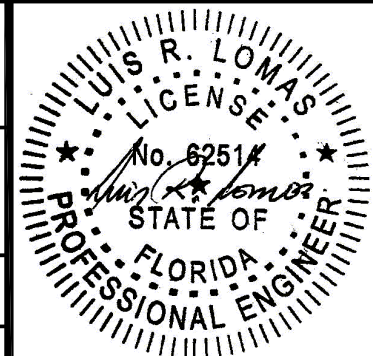
SIGNED: 07/08/2024

NAN YA PLASTICS CORPORATION U.S.A.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "GLIDING PATIO DOOR" FIBERGLASS  
SLIDING DOOR 3/4" LITE PANELS NI  
APPROVED PANEL CONFIGURATIONS

DRAWN: A.R.	DWG NO. 08-03575	REV A
SCALE NTS	DATE 08/12/2020	SHEET 7 OF 7

L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com



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