

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HVHZ.
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.
4. 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.
5. 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.
6. 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.
7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: FOAM PVC CO-EX.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 4 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. 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.

15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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: HOLLOW/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 1/8" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3	ADDITIONAL CONFIGURATION AND HARDWARE
4	GLAZING DETAILS
5	ANCHORING LAYOUT
6 - 8	INSTALLATION DETAILS
9	COMPONENTS

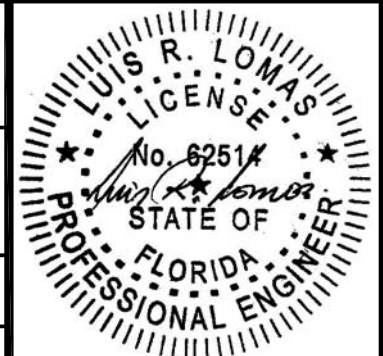
**NAN YA PLASTICS CORP. USA**  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
NOTES

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 1 OF 9

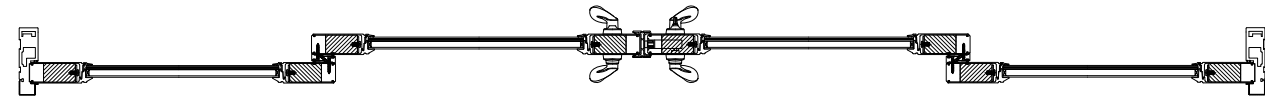
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 05/17/2021



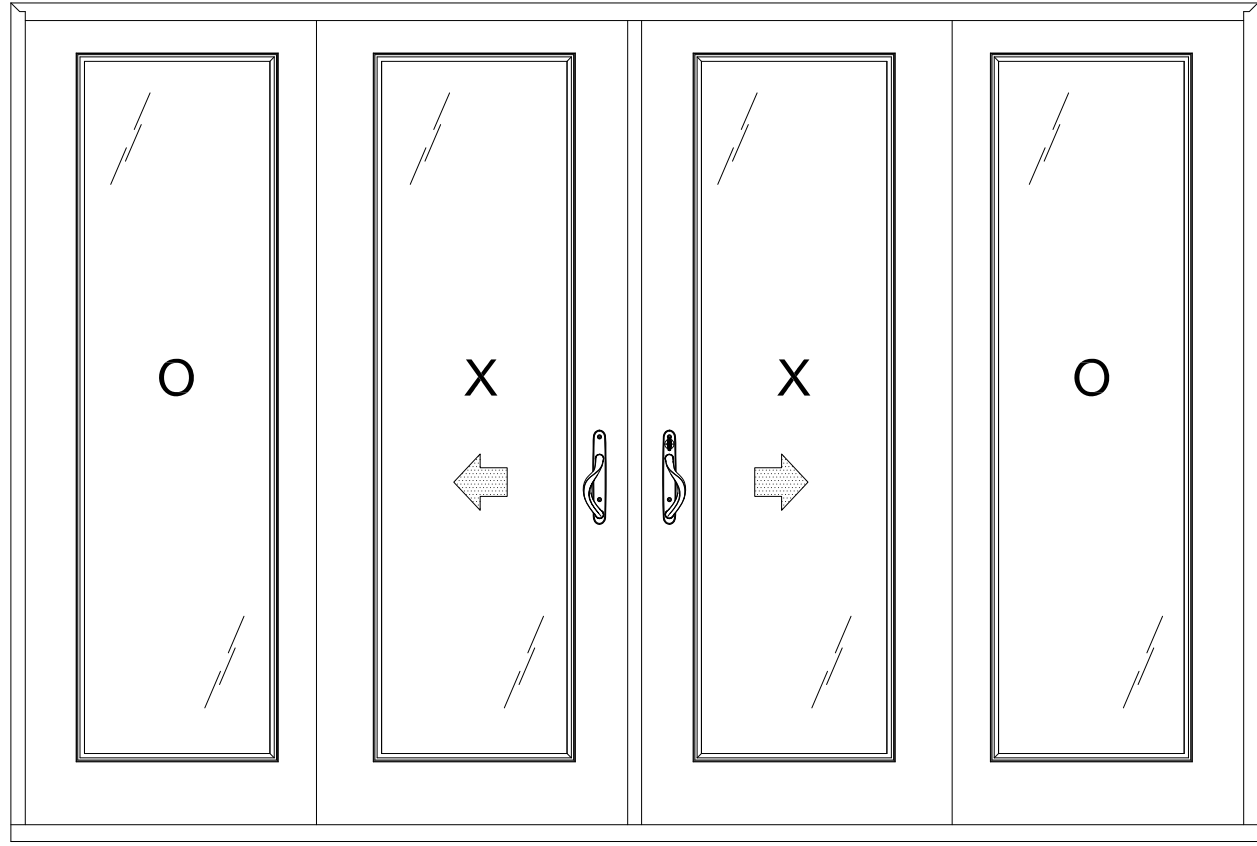
Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



141 1/8" FRAME WIDTH

95 1/2" FRAME WIDTH



**SERIES "SPLS" 8'0 FIBERGLASS SLIDING GLASS DOOR**  
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

35 3/4" X 92 3/8" PANELS SHOWN OTHER PANEL SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 22.9 FT<sup>2</sup>  
APPROVED CONFIGURATIONS: OXXO, OX, XO

- NOTES:
- PANEL SIZE: 35 3/4" X 92 3/8"
  - D.L.O.: 25" X 79"

**HARDWARE SCHEDULE**

A.	MULTI-POINT LOCK WITH KEEPERS (STAINLESS STEEL) AT ACTIVE PANEL
B.	GLIDING HANDLE (DIE CAST, STEEL) AT ACTIVE PANEL
C.	WOOD REINFORCEMENT (A) AT STATIONARY AND ACTIVE PANEL STILES
D.	WOOD REINFORCEMENT (B) AT ALL PANEL TOP RAILS AND DOUBLE ON PANEL BOTTOM RAILS
E.	1/8" STEEL REINFORCEMENT AT ACTIVE, PASSIVE, FIXED AND STATIONARY PANEL STILES

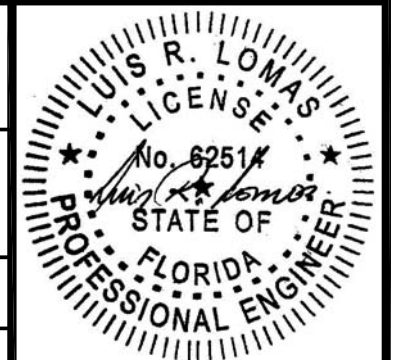
SIGNED: 05/17/2021

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

SERIES "SPLS" FIBERGLASS GLAZED SLIDING GLASS DOOR 8'0 - IMPACT ELEVATION FRAME INSTALLATION

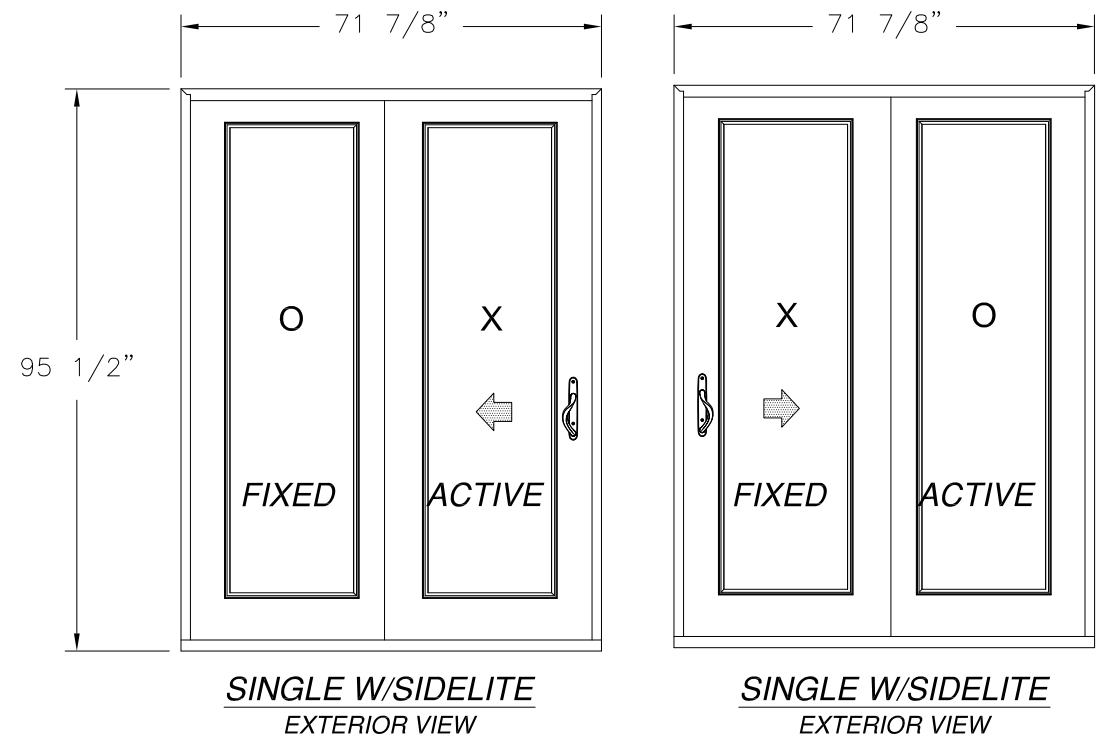
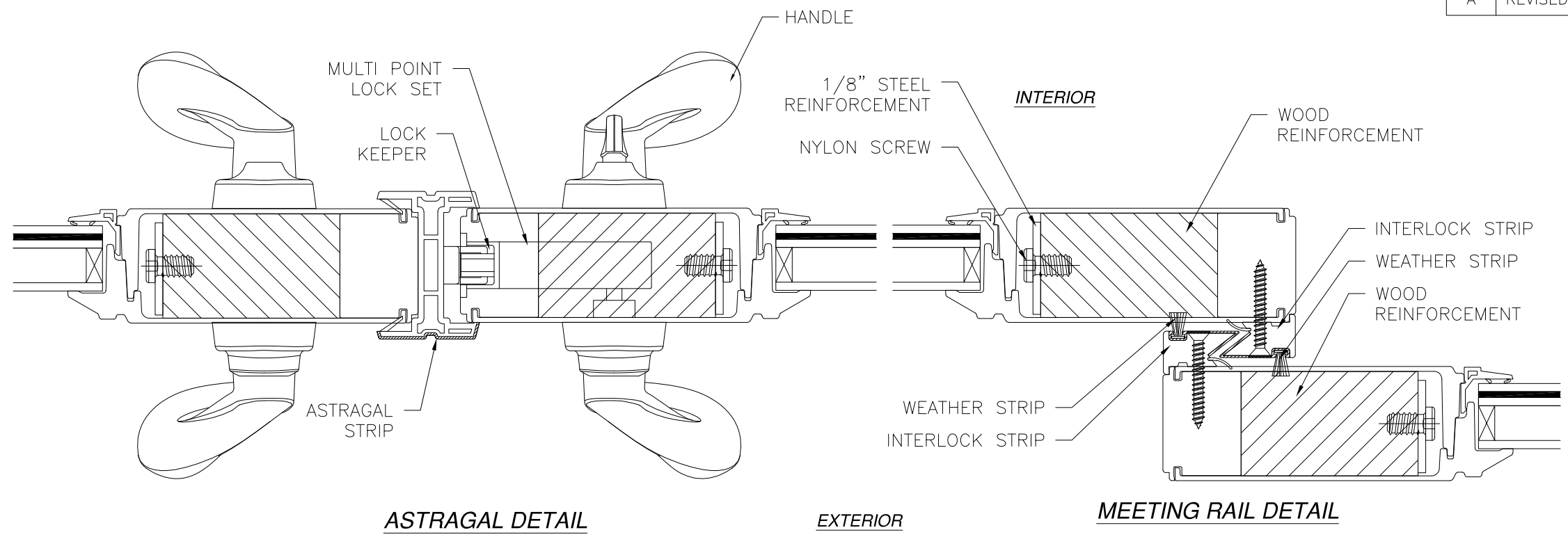
DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 2 OF 9

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



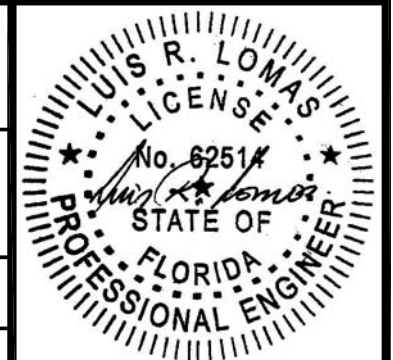
NAN YA PLASTICS CORP. USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
ADDITIONAL CONFIGURATION AND HARDWARE

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 3 OF 9

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

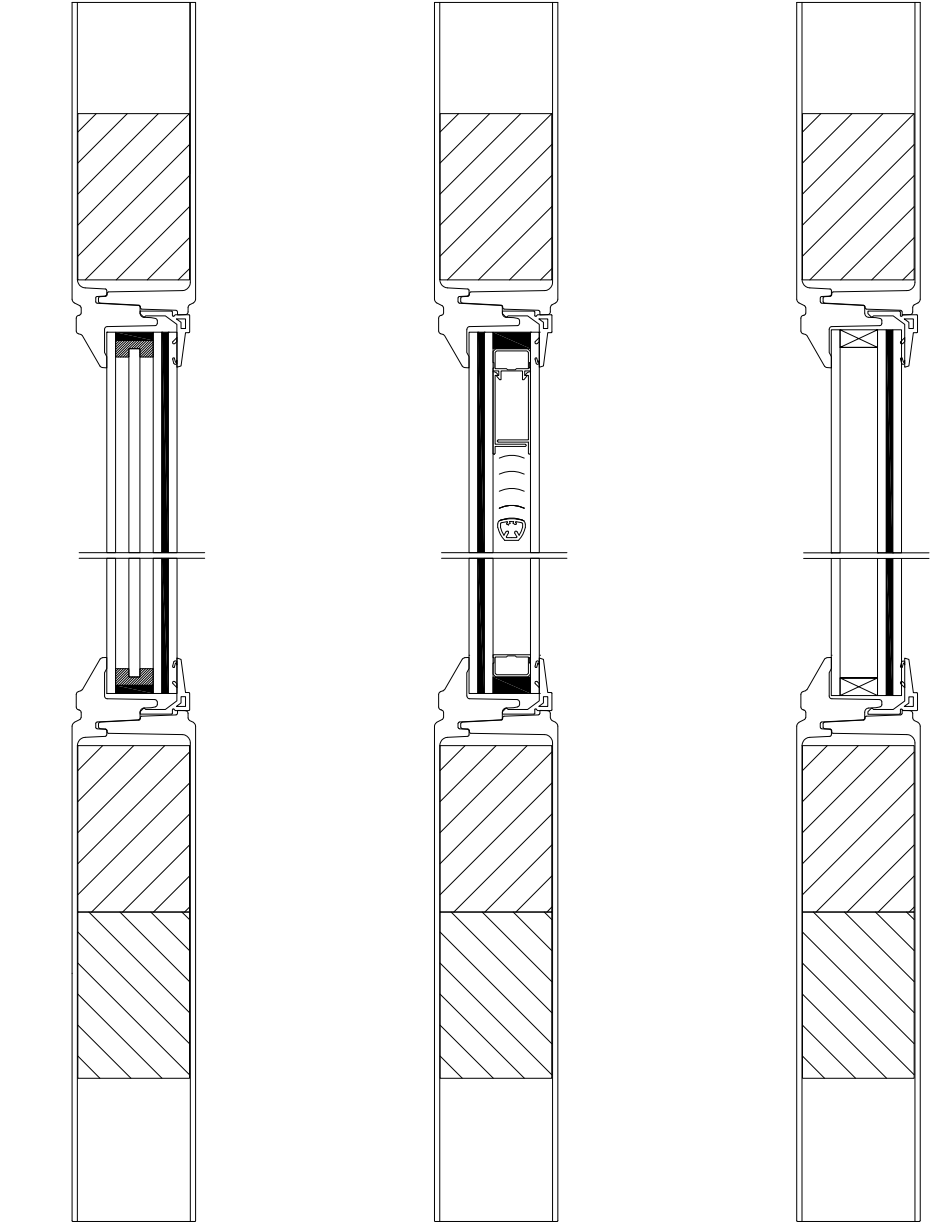
SIGNED: 05/17/2021



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.

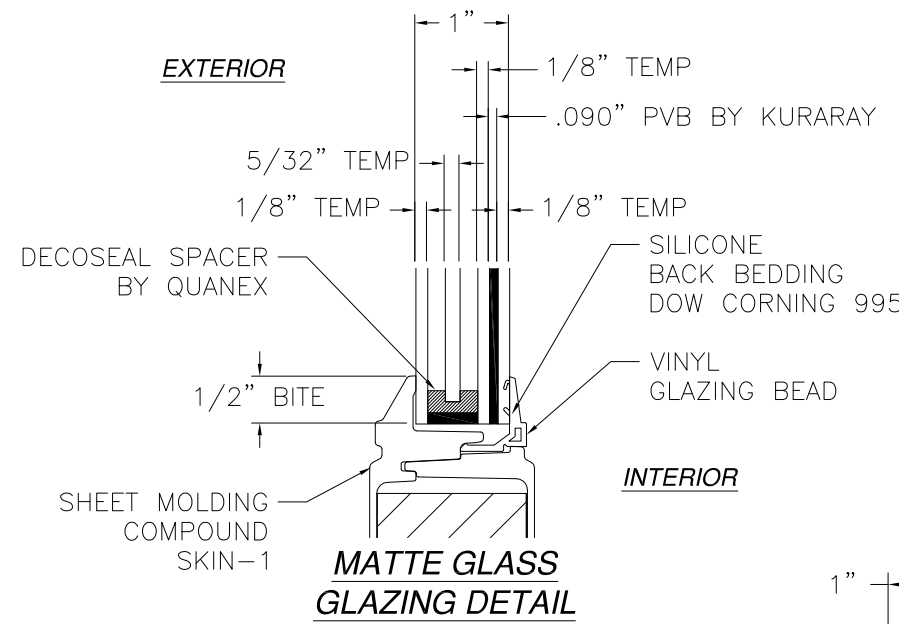
**APPROVED PANEL CONFIGURATIONS**



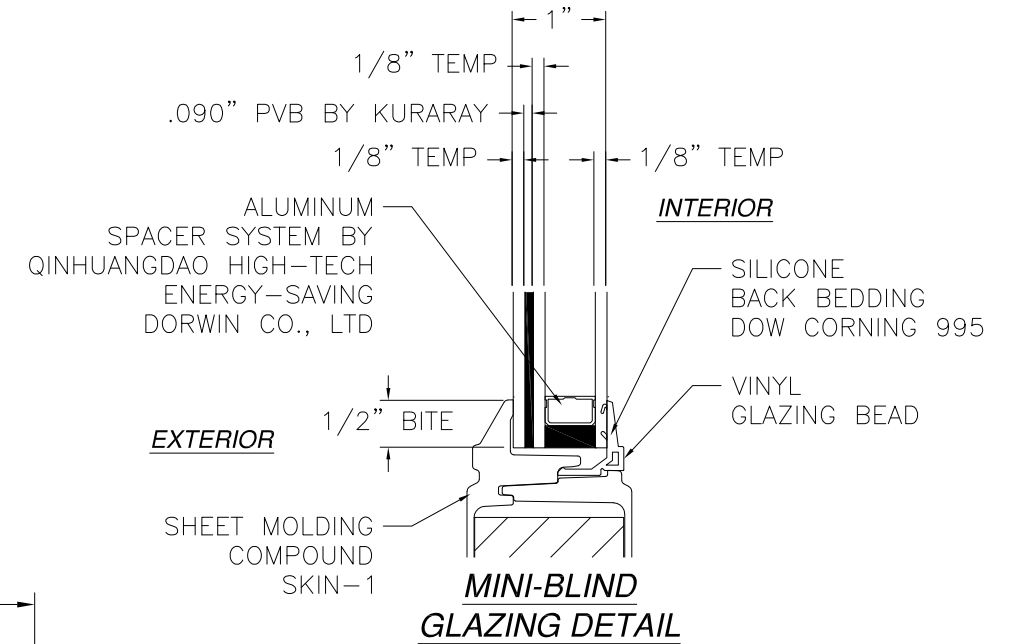
W/MATTE GLASS

W/MINI-BLIND

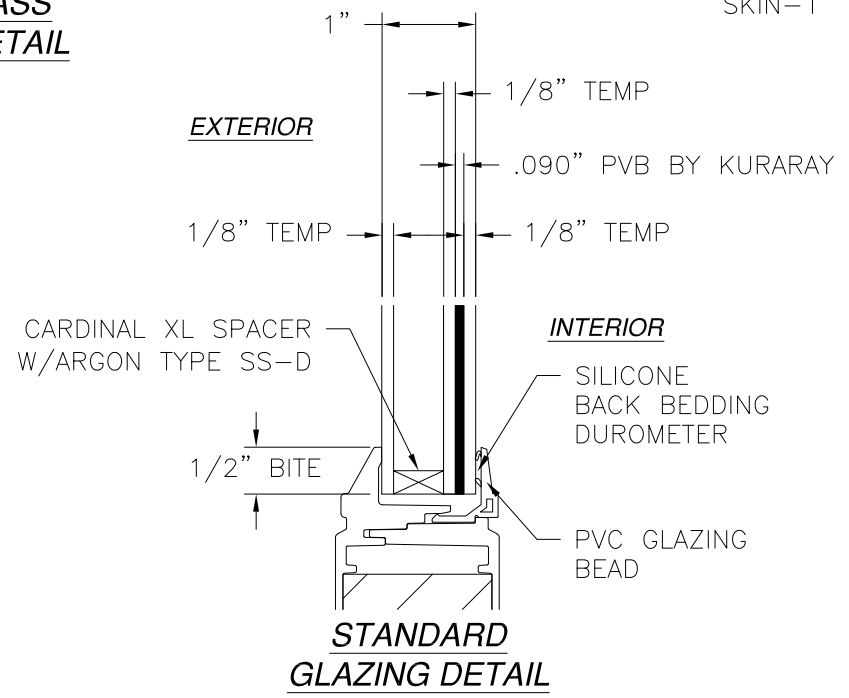
STANDARD



**MATTE GLASS  
GLAZING DETAIL**



**MINI-BLIND  
GLAZING DETAIL**



**STANDARD  
GLAZING DETAIL**

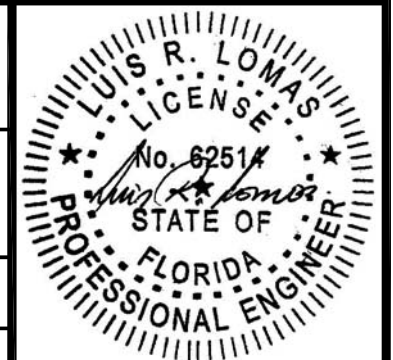
NAN YA PLASTICS CORP. USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
GLAZING DETAILS

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 4 OF 9

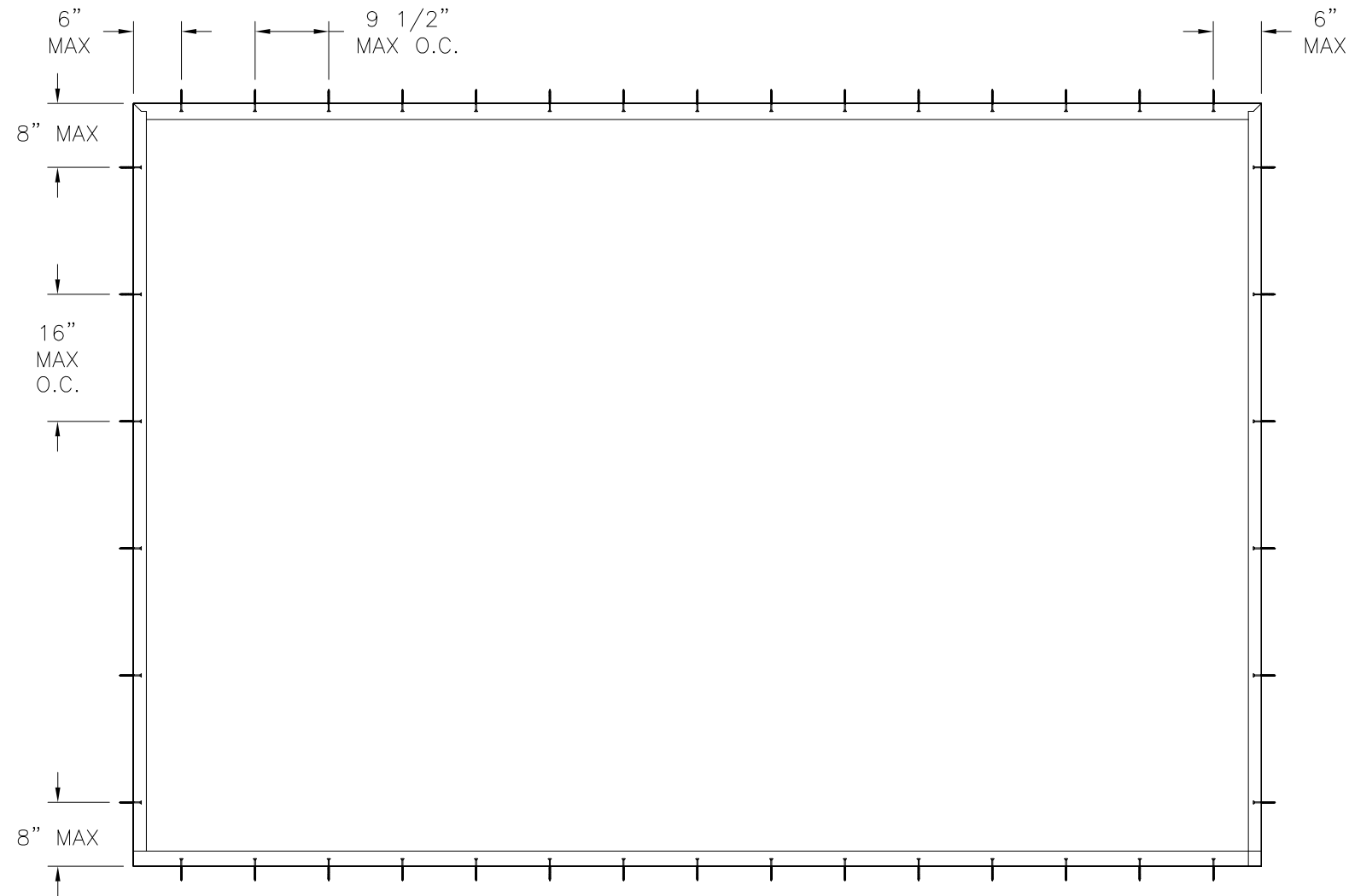
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 05/17/2021

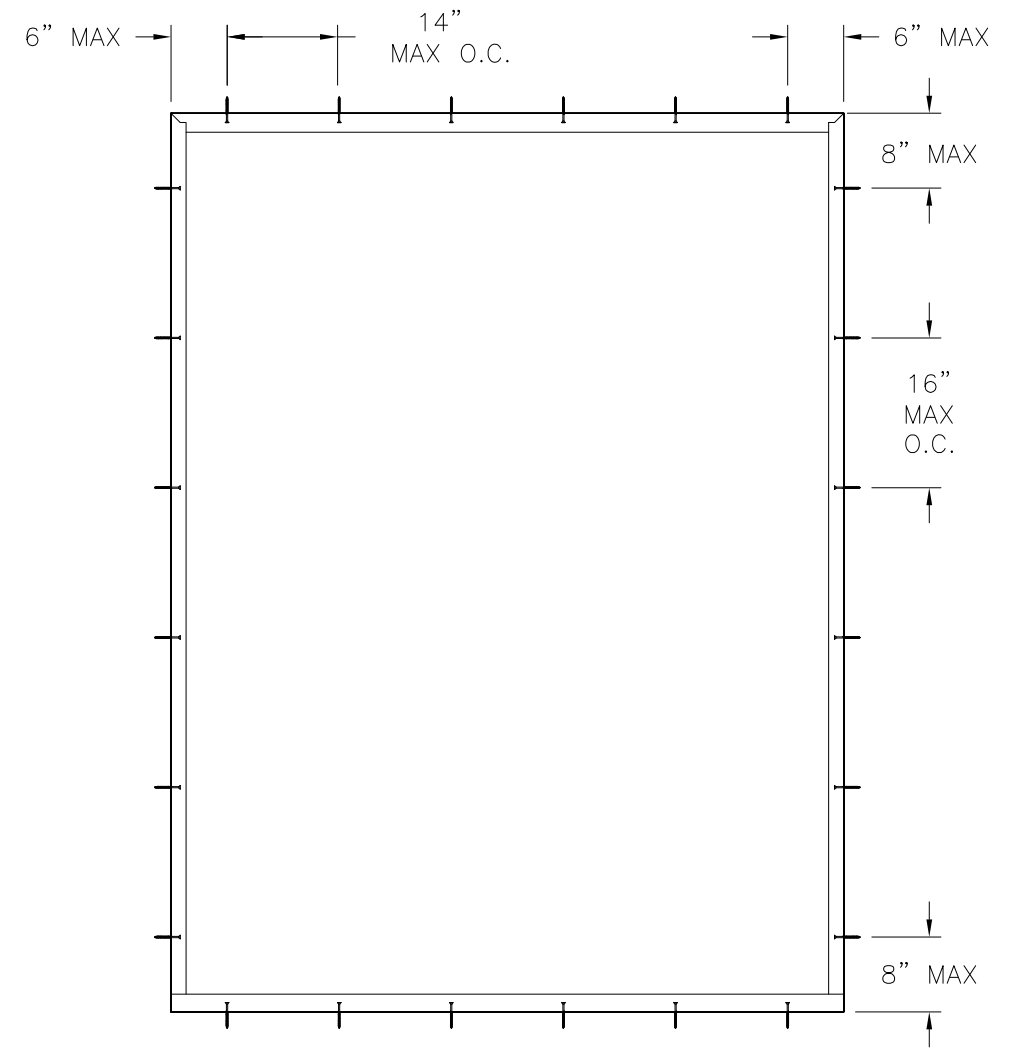


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



ANCHORING LAYOUT FOR OXXO CONFIGURATION  
EXTERIOR VIEW



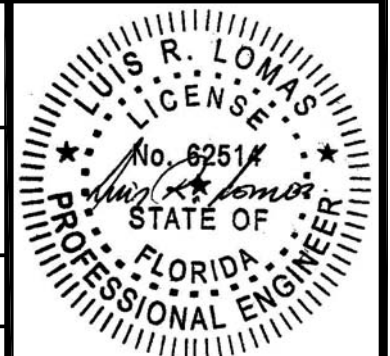
ANCHORING LAYOUT FOR OX AND XO CONFIGURATION  
EXTERIOR VIEW

SIGNED: 05/17/2021

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

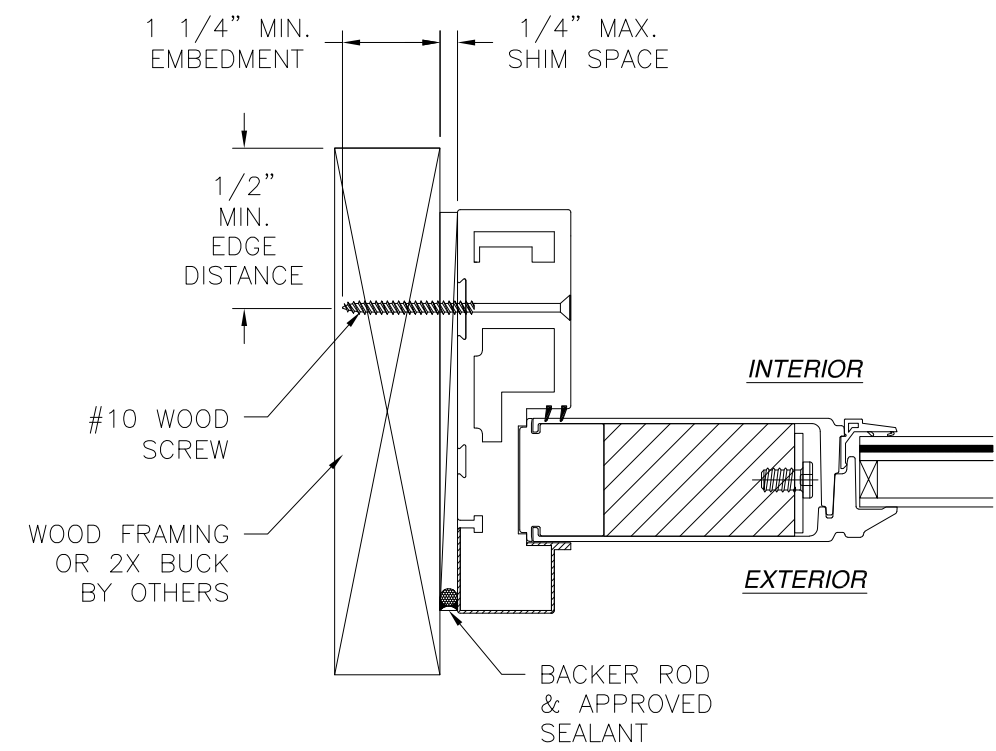
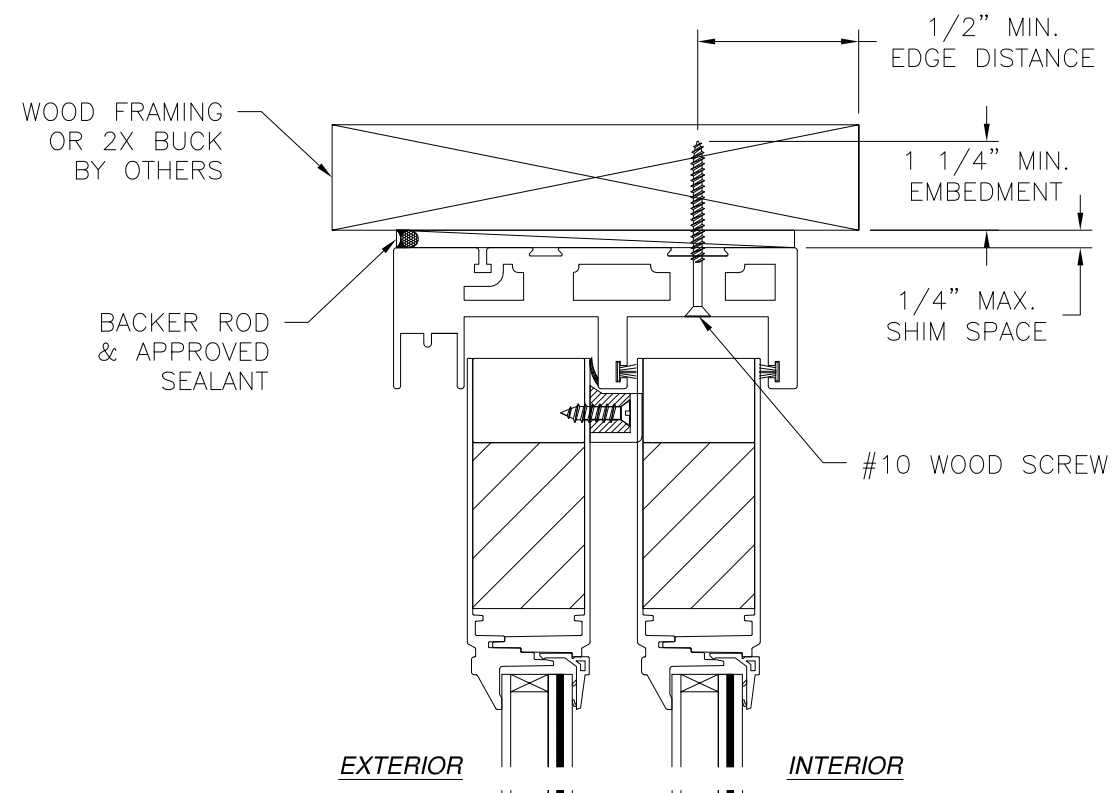
SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
ANCHORING LAYOUTS

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 5 OF 9
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

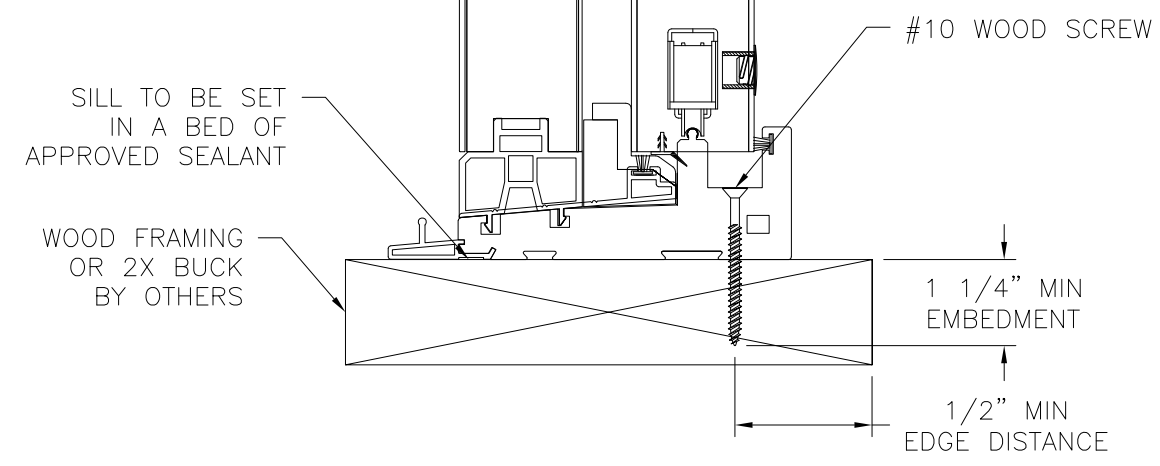


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**VERTICAL CROSS SECTION**  
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

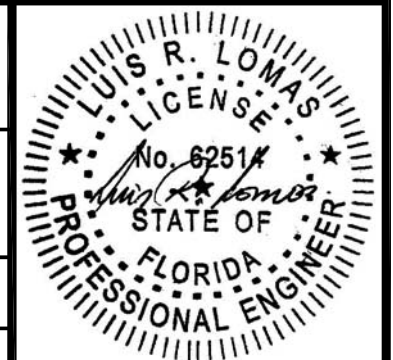
SIGNED: 05/17/2021

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

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
INSTALLATION DETAILS

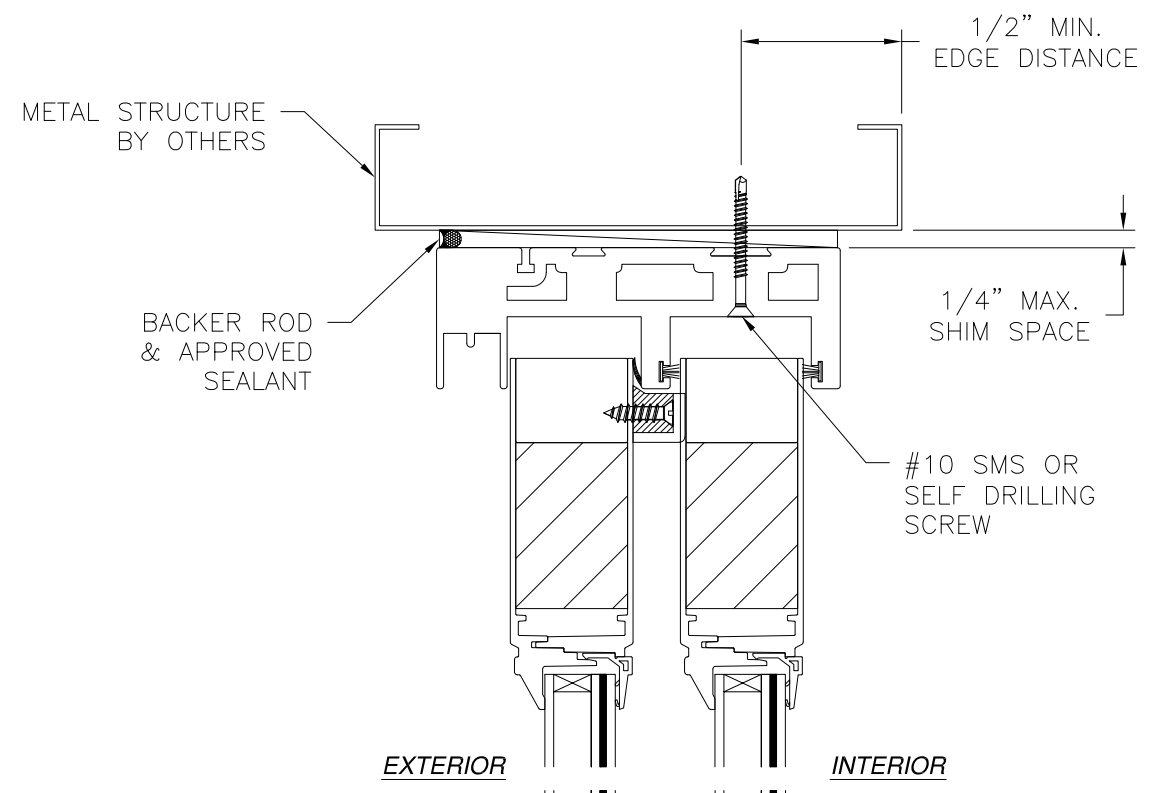
DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 6 OF 9

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

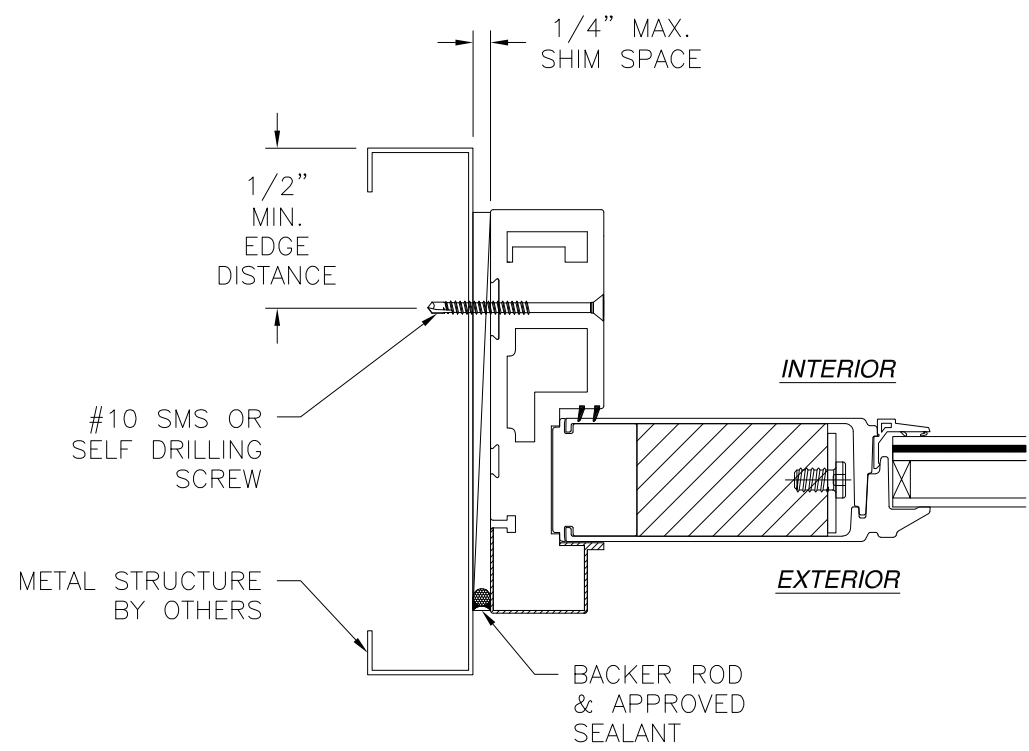


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.

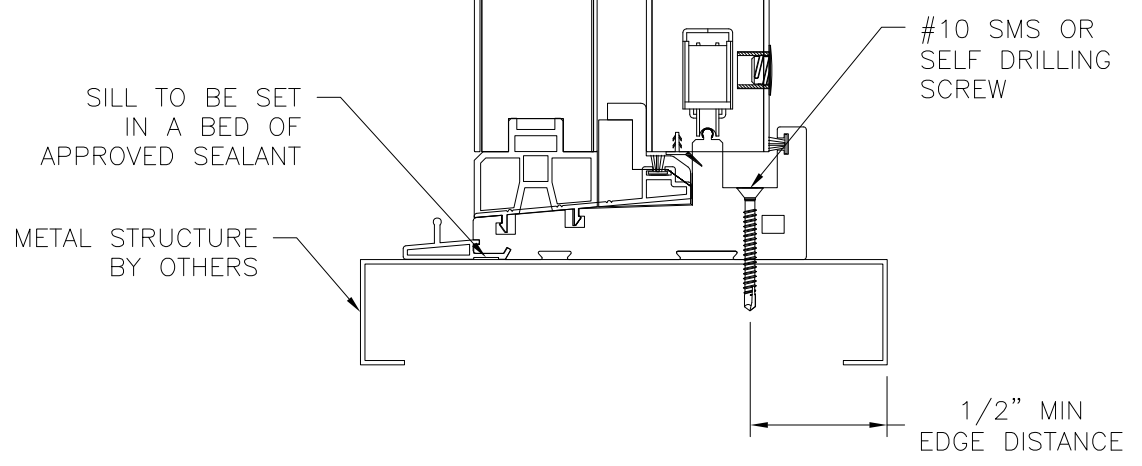


**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**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



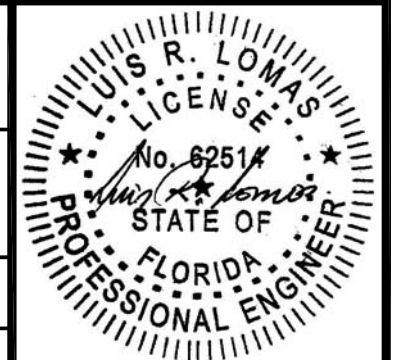
NAN YA PLASTICS CORP. USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 7 OF 9

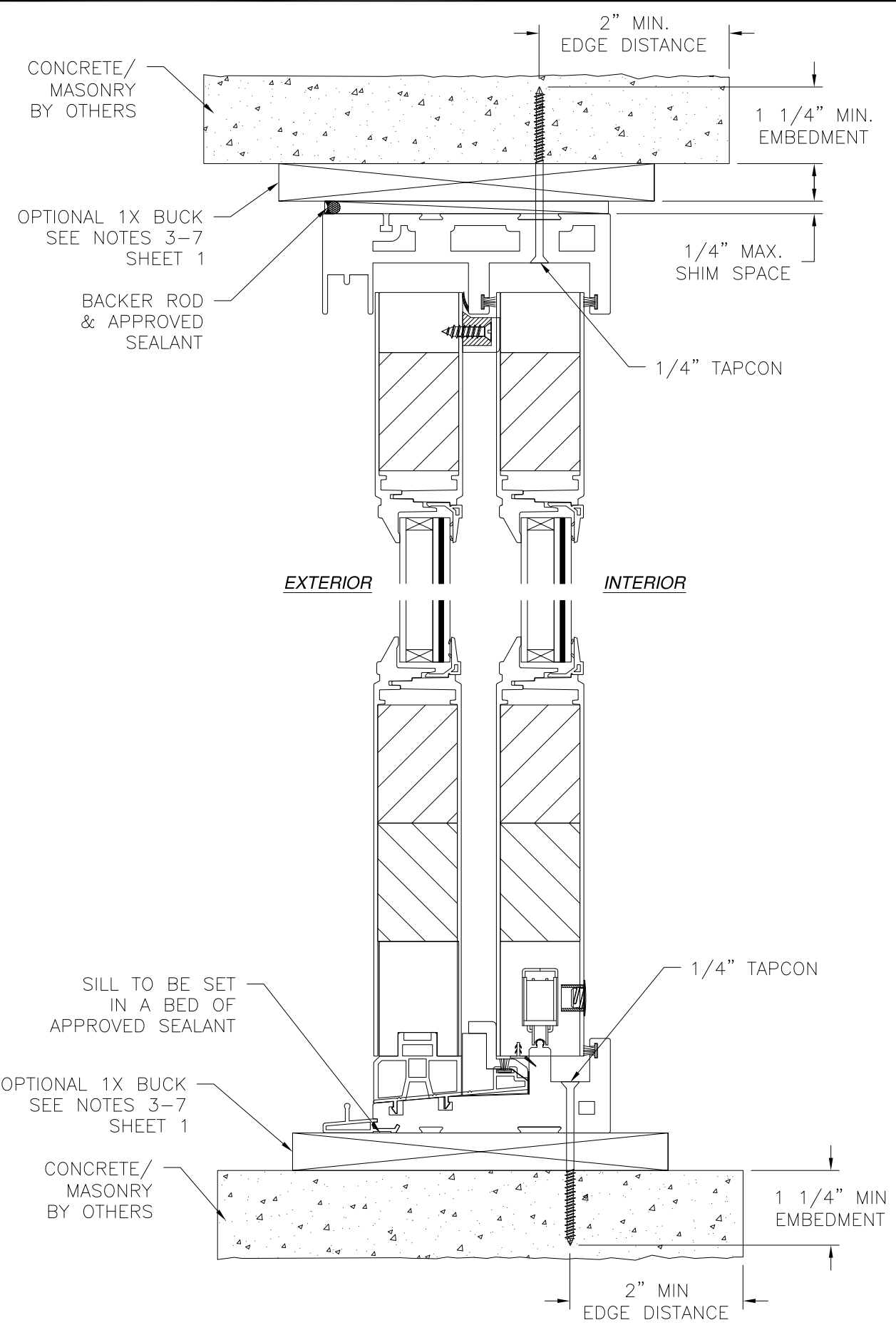
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 05/17/2021

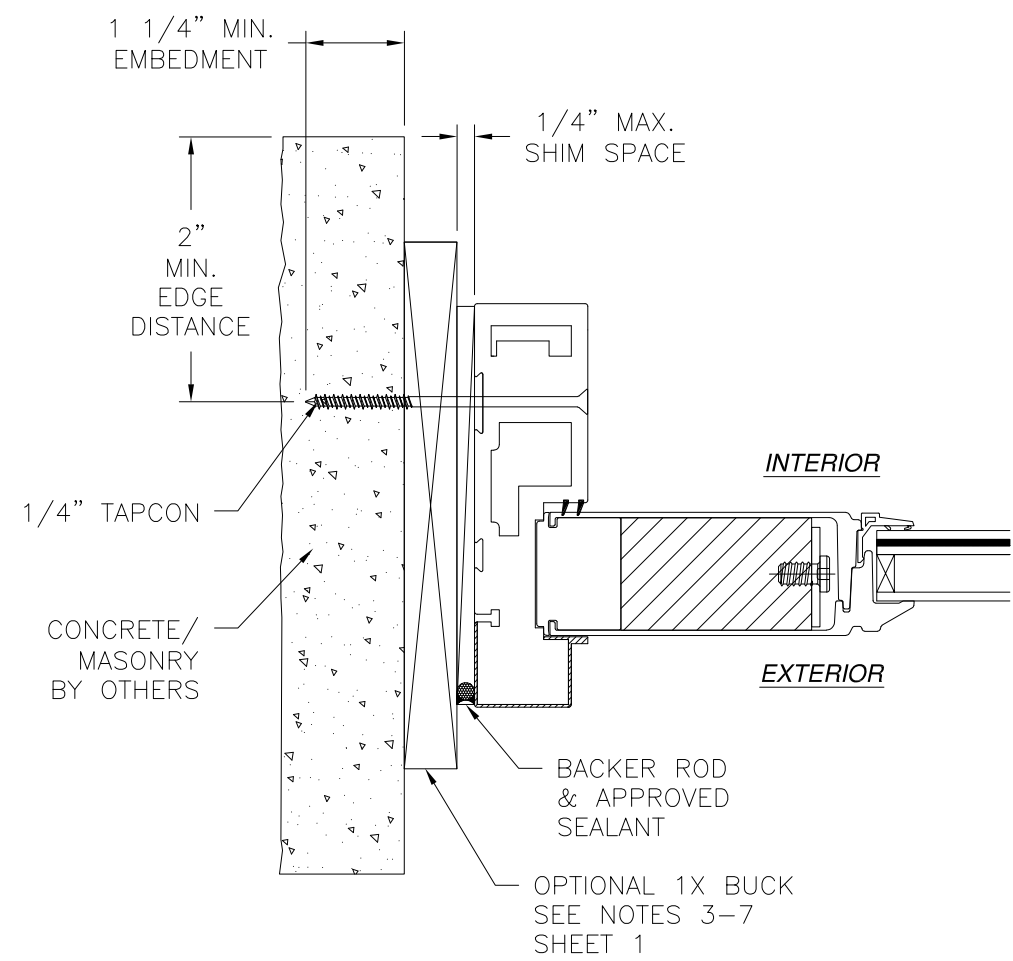


Luis R. Lomas P.E.  
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



**VERTICAL CROSS SECTION  
CONCRETE/MASONRY INSTALLATION**



**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

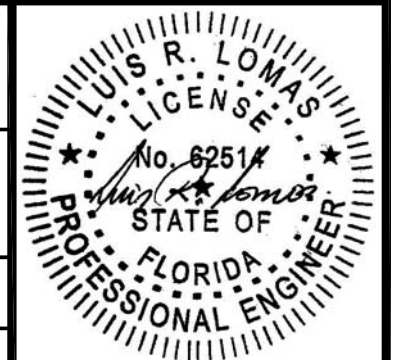
SIGNED: 05/17/2021

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

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 8 OF 9

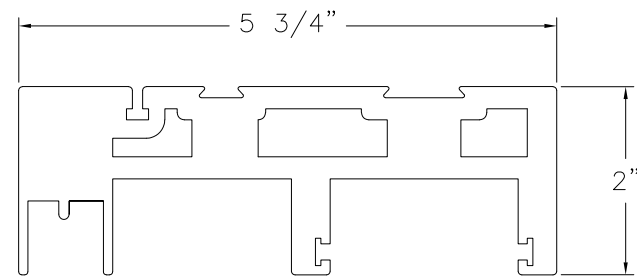
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com



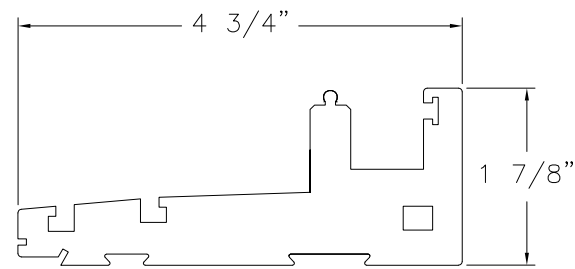
Luis R. Lomas P.E.  
FL No.: 62514



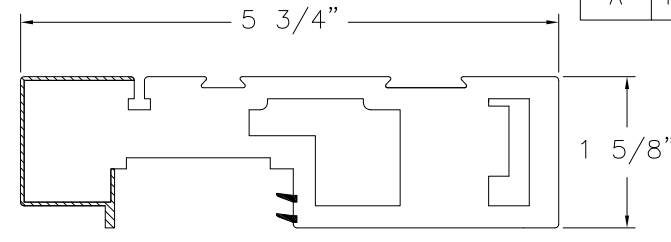
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	05/12/2021	R.L.



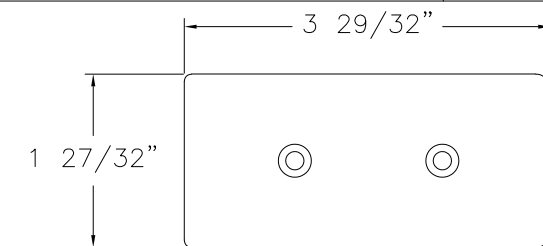
**HEAD**  
FOAM PVC CO-EX



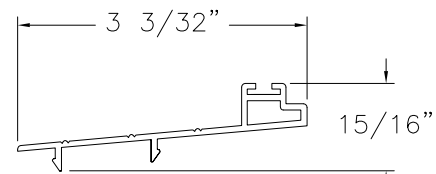
**SILL**  
FOAM PVC



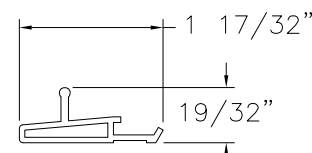
**JAMB**  
FOAM PVC



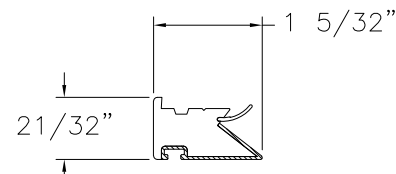
**HEAD BUMPER**  
SOFT PVC



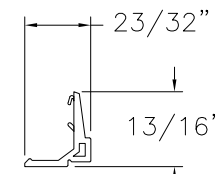
**SILL BOARD**  
ALUMINUM



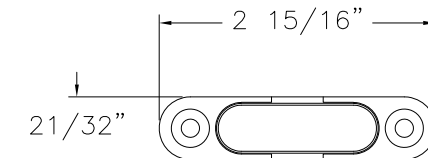
**SCREEN TRACK**  
ALUMINUM



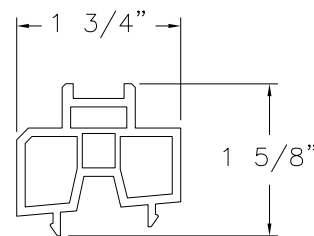
**INTERLOCK STRIP**  
FOAM PVC



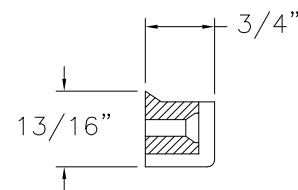
**GLAZING BEAD**  
PVC



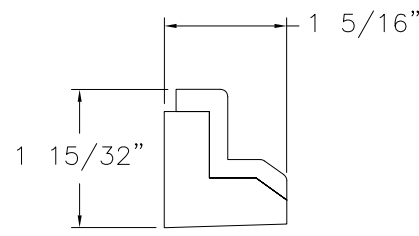
**ANTI-LIFT STOPPER**  
DIE CASTING



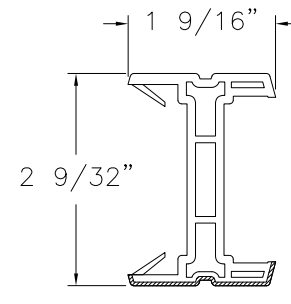
**STATIONARY BASE**  
RIGID PVC



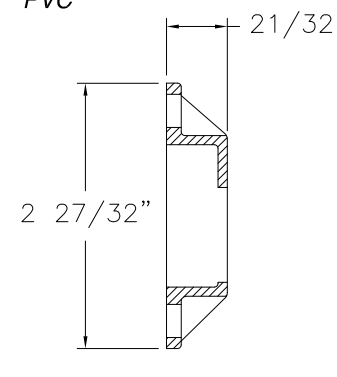
**WIND STOPPER (A)**  
FOAM EPDM



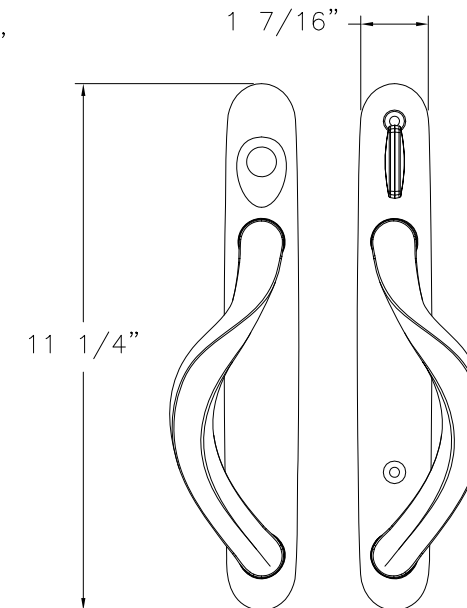
**WIND STOPPER (B)**  
FOAM EPDM



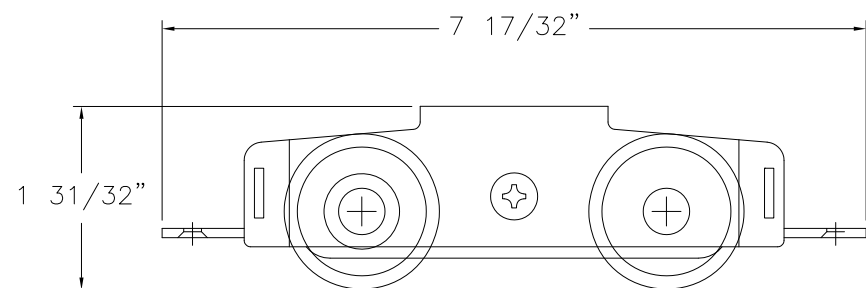
**ASTRAGAL STRIP**  
RIGID PVC



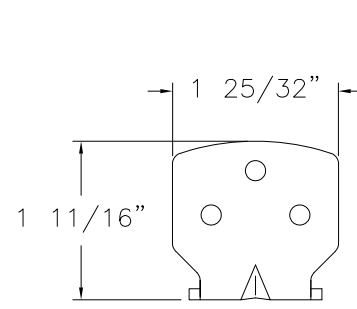
**LOCK KEEPER**  
DIE CASTING



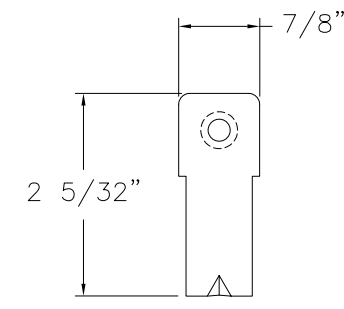
**GLIDING HANDLE**  
DIE CAST, STEEL



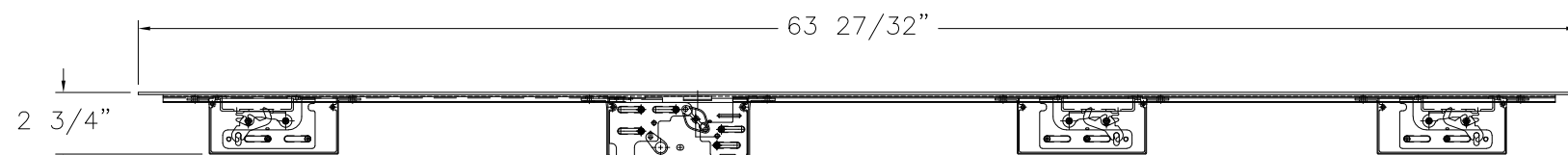
**ADJUSTABLE ROLLER**  
STAINLESS STEEL



**TOP BRACKET**  
STAINLESS STEEL



**DOWNSIDE BRACKET**  
STAINLESS STEEL



**MULTI-POINT LOCK**  
STAINLESS STEEL

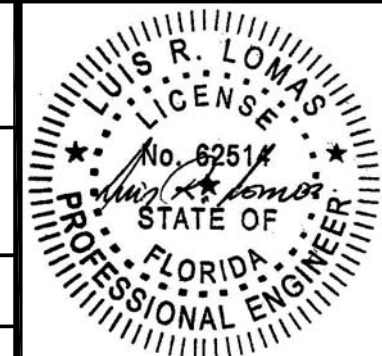
NAN YA PLASTICS CORP. USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

SERIES "SPLS" FIBERGLASS GLAZED  
SLIDING GLASS DOOR 8'0 - IMPACT  
COMPONENTS

DRAWN: A.R.	DWG NO. 08-03388	REV A
SCALE NTS	DATE 03/07/19	SHEET 9 OF 9

L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 05/17/2021



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