

| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |

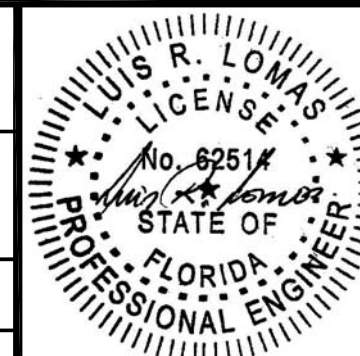
NOTES:

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. 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.
5. FRAME MATERIAL: EXTRUDED RIGID PVC.
6. UNITS MUST BE GLAZED PER ASTM E1300 WITH SAFETY GLAZING.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. 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".
9. 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.
10. 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.
11. FOR ANCHORING 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.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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).
  - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

SIGNED: 09/29/2020

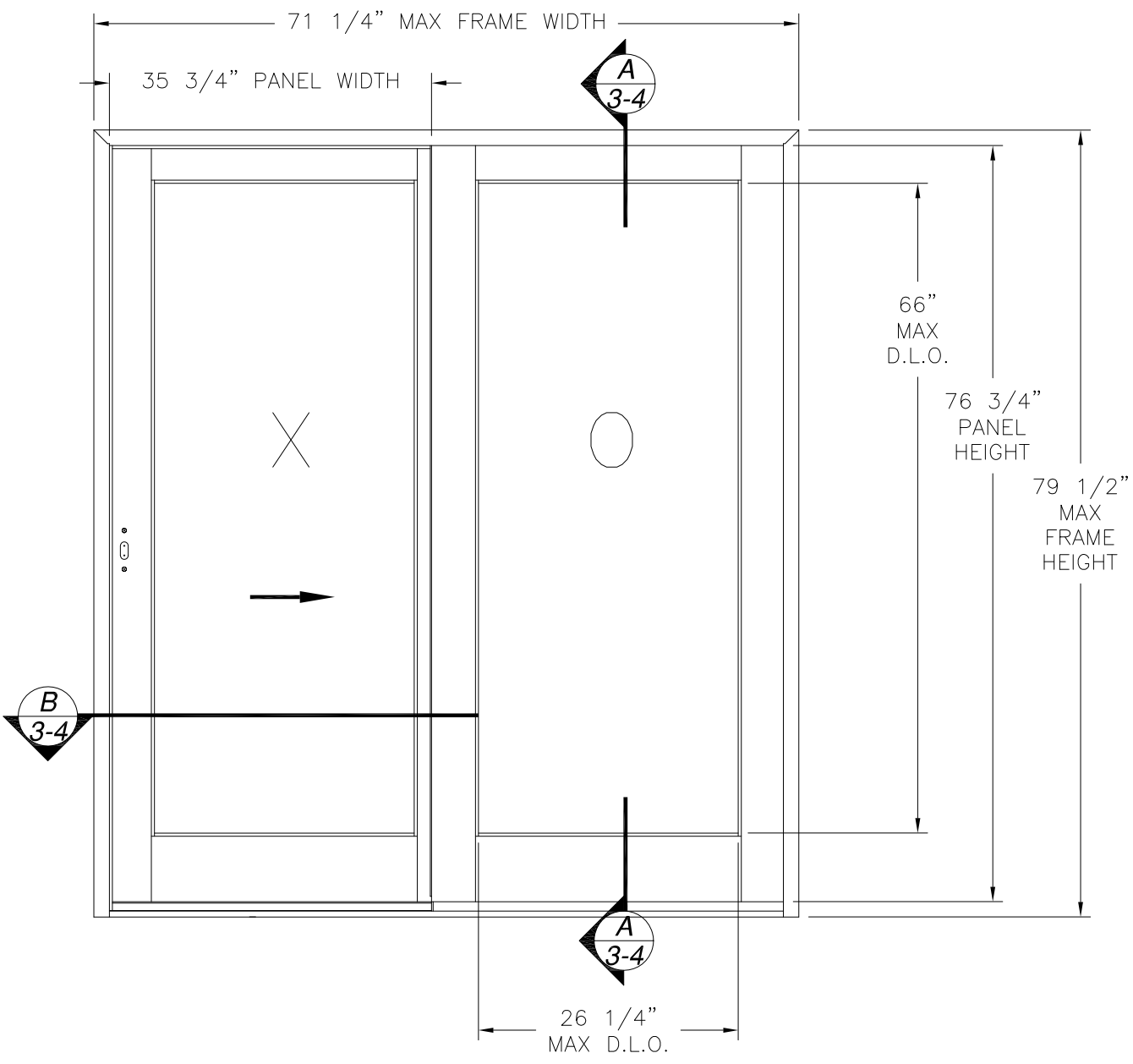
| TABLE OF CONTENTS |                       |
|-------------------|-----------------------|
| SHEET NO.         | DESCRIPTION           |
| 1                 | NOTES                 |
| 2                 | ANCHORING & ELEVATION |
| 3 – 4             | INSTALLATION DETAILS  |
| 5 – 6             | COMPONENTS            |

|  |                     |              |
|--|---------------------|--------------|
| NAN YA PLASTICS CORP. USA<br>8989 NORTH LOOP EAST<br>HOUSTON, TX 77029                               |                     |              |
| NA YA SLIDING GLASS DOOR<br>6'0 6'11<br>NOTES  |                     |              |
| DRAWN:<br>V.L.   | DWG NO.<br>08-01867 | REV<br>B     |
| SCALE NTS  | DATE 12/02/12       | SHEET 1 OF 6 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |                     |              |



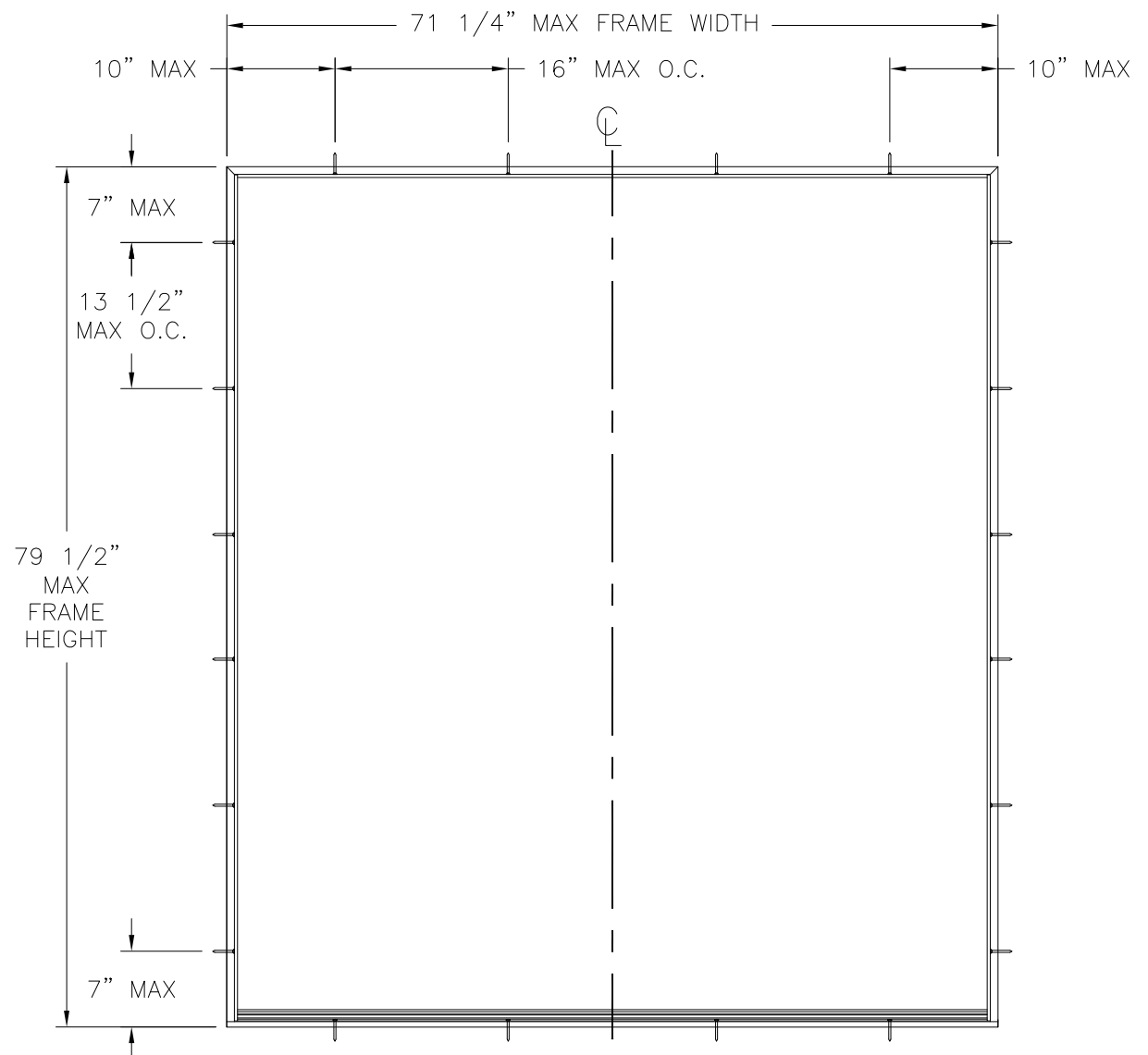
Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |



**NANYA SLIDING GLASS DOOR 6'06"11**  
EXTERIOR VIEW

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| ±45PSF                 | NONE          |



**ANCHORING LAYOUT**

SIGNED: 09/29/2020

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

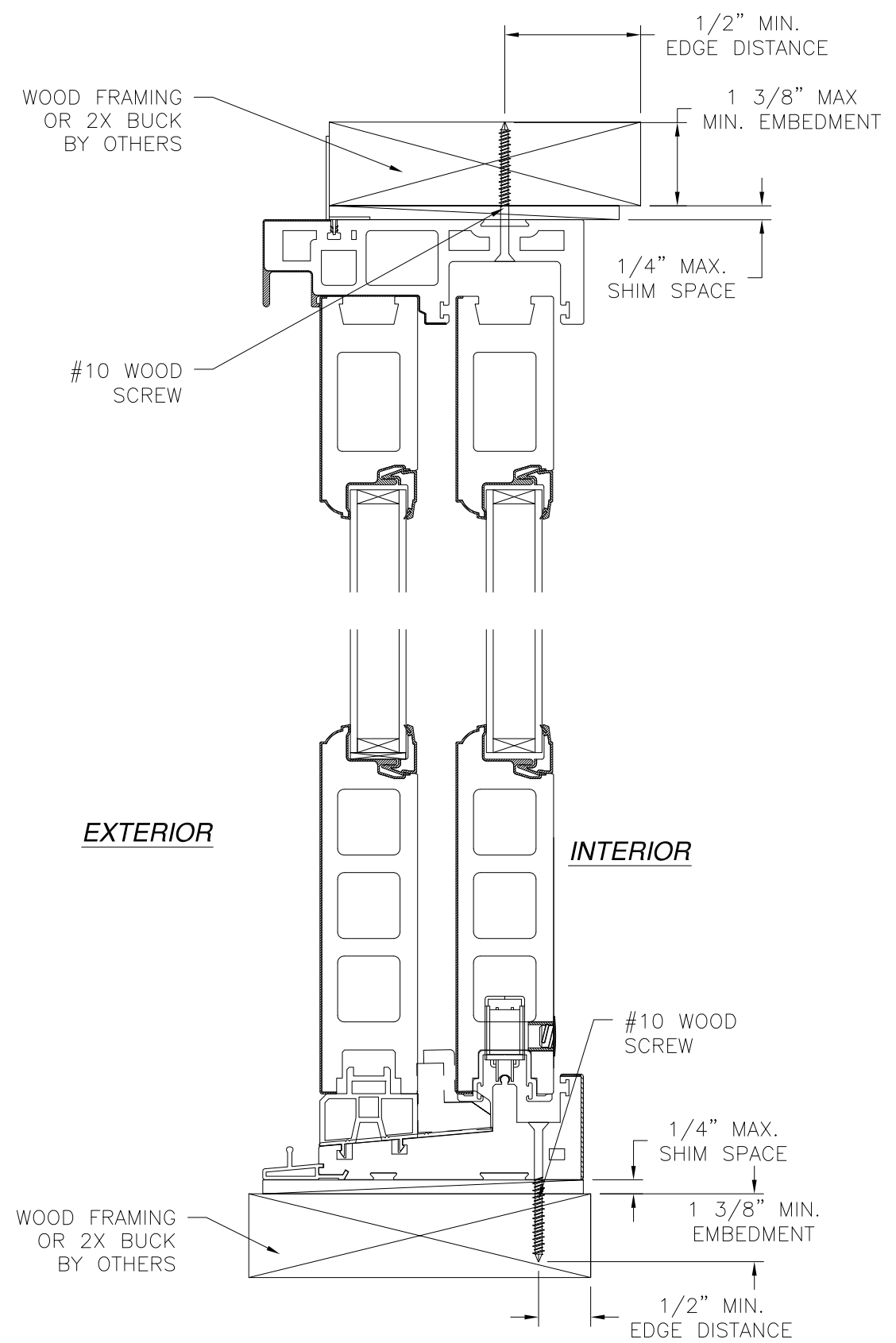
NA YA SLIDING GLASS DOOR  
6'0 6'11  
ELEVATION

|                |                     |              |
|----------------|---------------------|--------------|
| DRAWN:<br>V.L. | DWG NO.<br>08-01867 | REV<br>B     |
| SCALE NTS      | DATE 12/02/12       | SHEET 2 OF 6 |

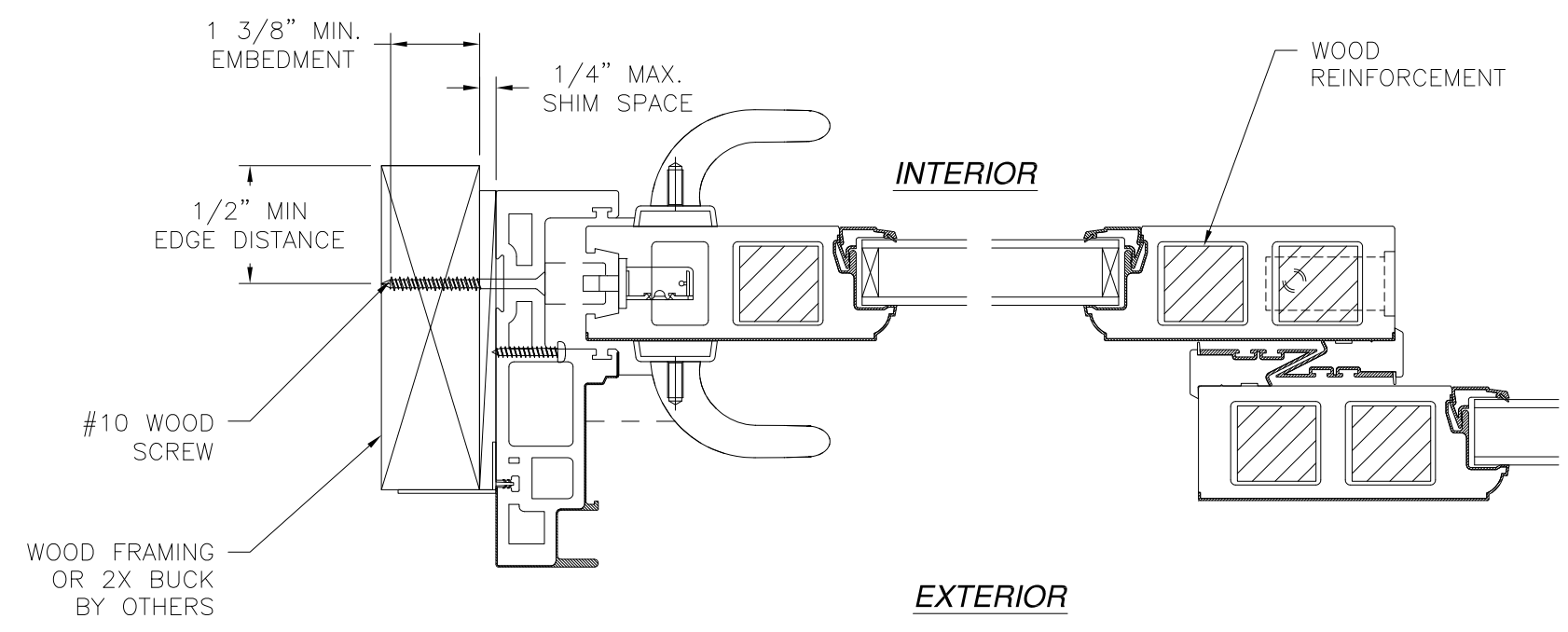
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

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

| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |



**A**  
3  
**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION



**B**  
3  
**JAMB INSTALLATION DETAIL**  
WOOD FRAMING OR 2X BUCK INSTALLATION

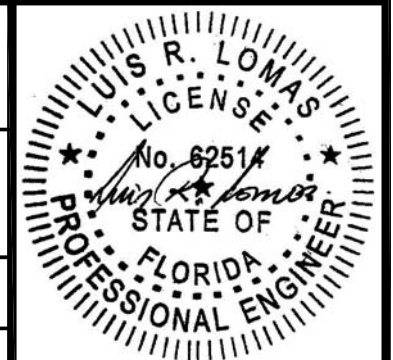
NAN YA PLASTICS CORP. USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

NA YA SLIDING GLASS DOOR  
6'0 6'11  
INSTALLATION DETAILS

|                |                     |                 |
|----------------|---------------------|-----------------|
| DRAWN:<br>V.L. | DWG NO.<br>08-01867 | REV<br>B        |
| SCALE<br>NTS   | DATE<br>12/02/12    | SHEET<br>3 OF 6 |

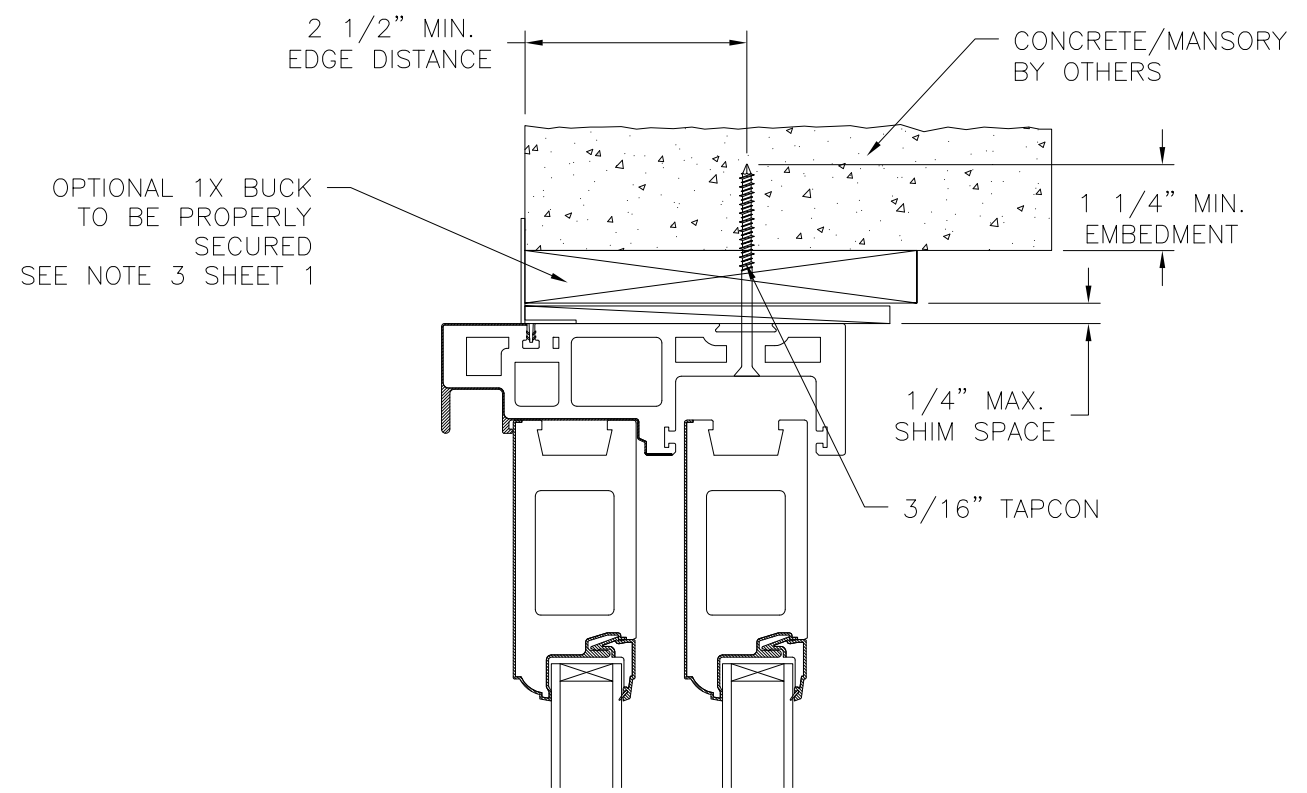
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@rlomaspe.com

SIGNED: 09/29/2020

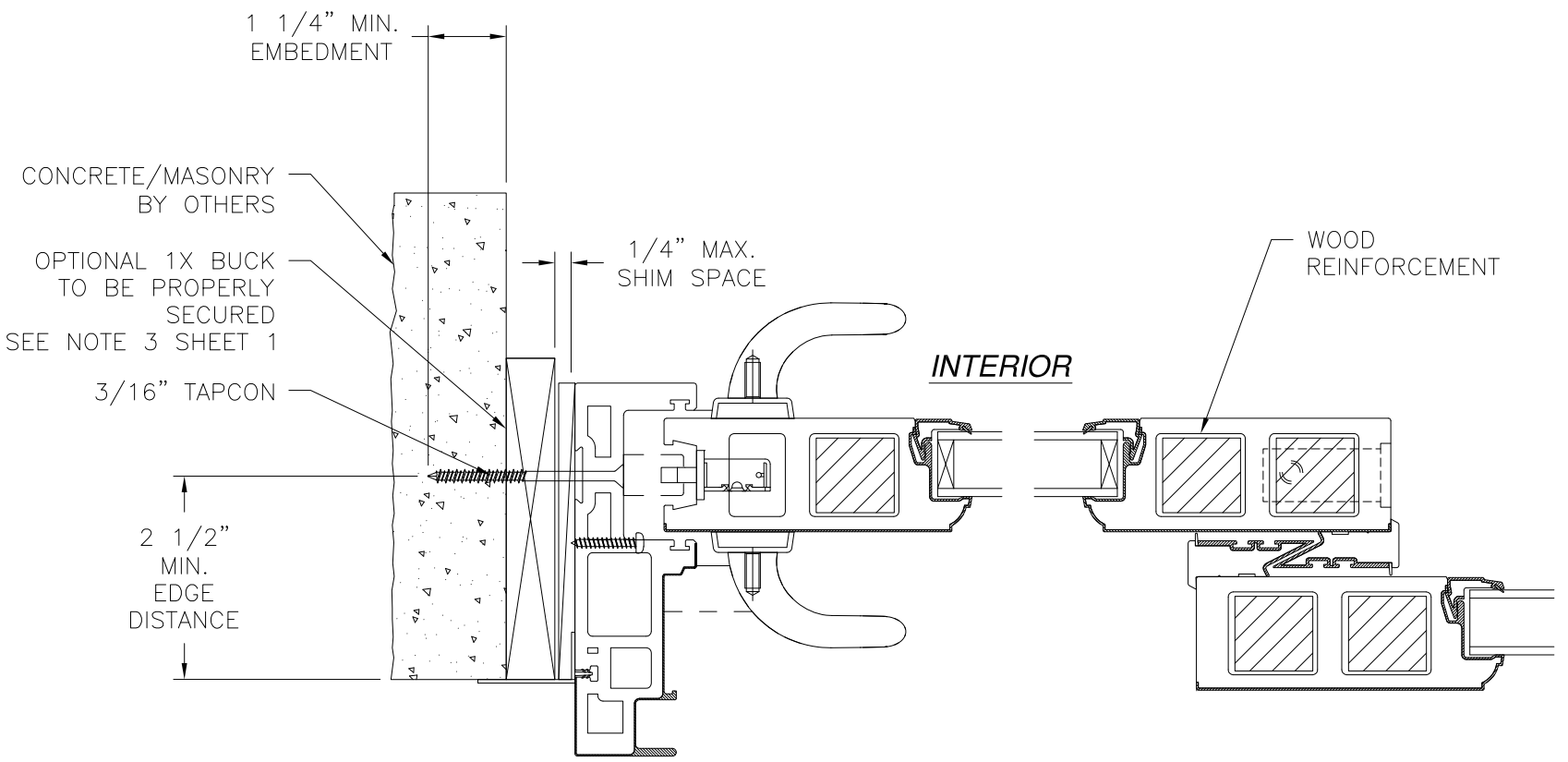


Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |

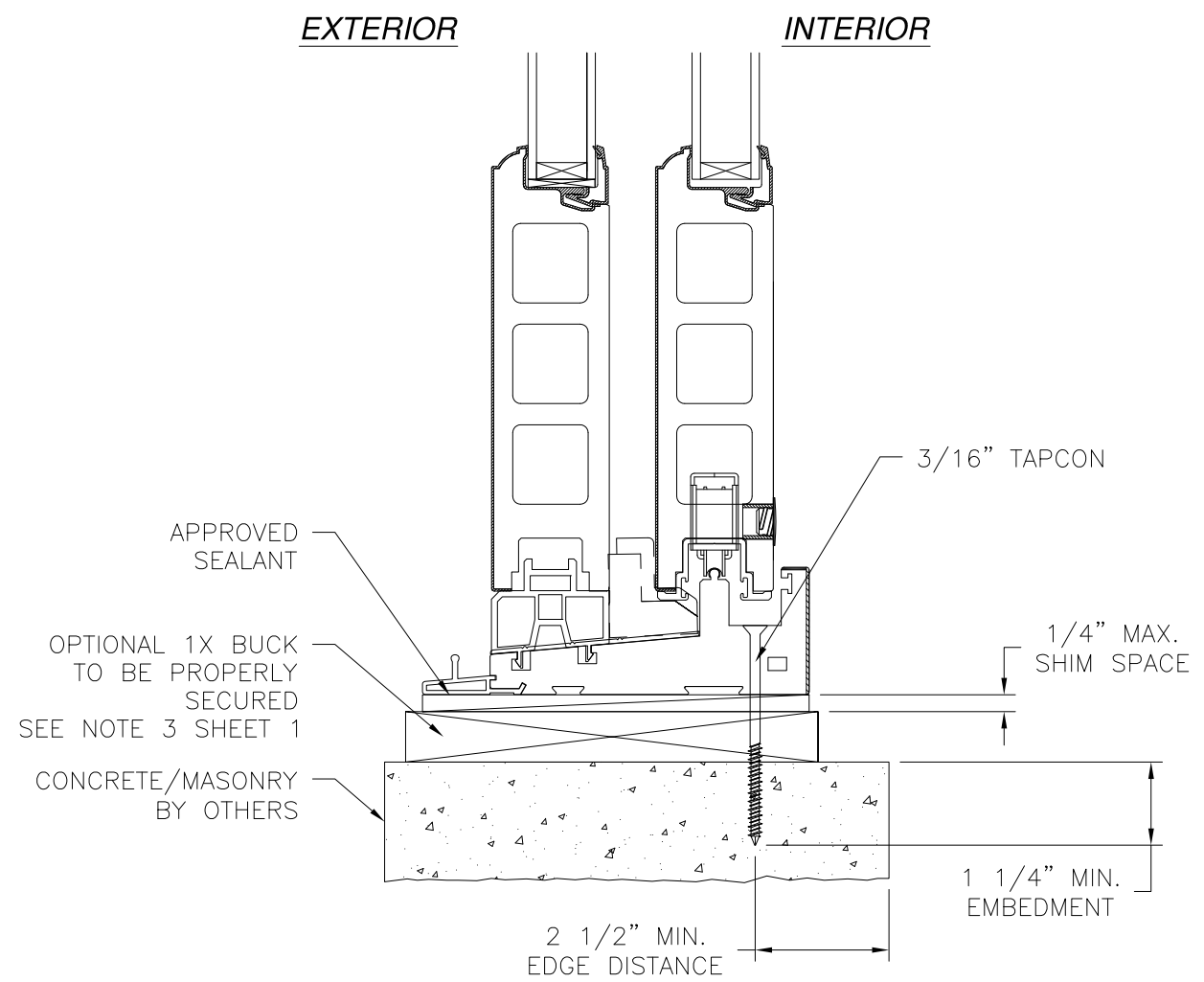


**EXTERIOR**                      **INTERIOR**



**INTERIOR**

**EXTERIOR**



**A**  
**4**      **VERTICAL CROSS SECTION**  
**CONCRETE/MASONRY INSTALLATION**

**B**  
**4**

**JAMB INSTALLATION DETAIL**  
**CONCRETE/MASONRY INSTALLATION**

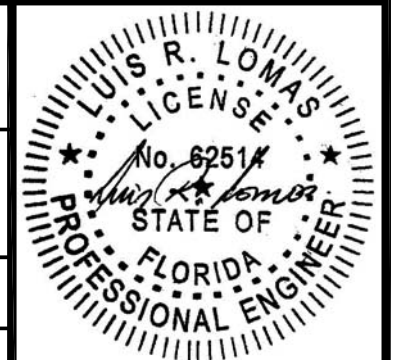
SIGNED: 09/29/2020

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

NA YA SLIDING GLASS DOOR  
6'0 6'11  
INSTALLATION DETAILS

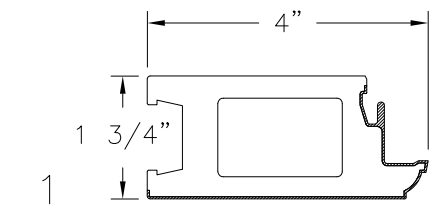
|                |                     |              |
|----------------|---------------------|--------------|
| DRAWN:<br>V.L. | DWG NO.<br>08-01867 | REV<br>B     |
| SCALE NTS      | DATE 12/02/12       | SHEET 4 OF 6 |

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

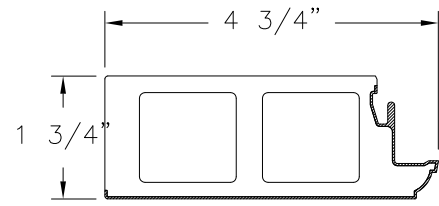


Luis R. Lomas P.E.  
FL No.: 62514

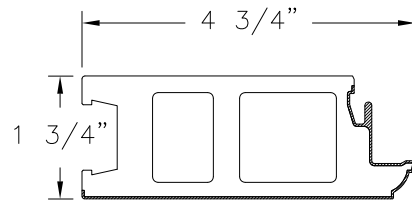
| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |



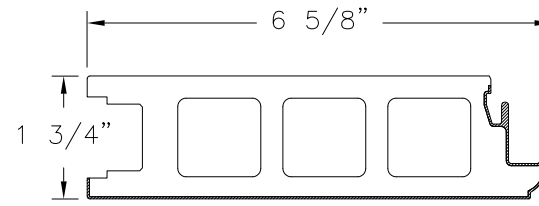
1 4" TOP RAIL  
PVC COMPONENT



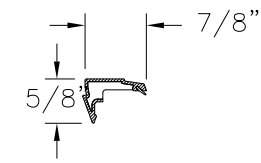
2 4 3/4" STILE  
PVC COMPONENT



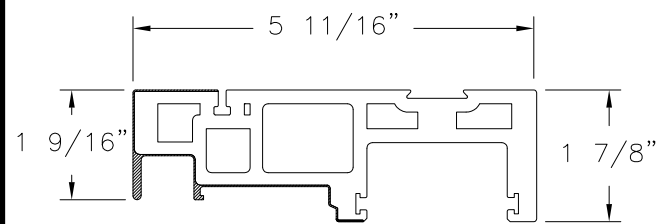
3 4 3/4" LOCK STILE  
PVC COMPONENT



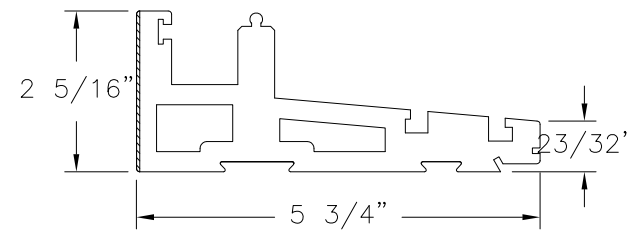
4 6 5/8" BOTTOM RAIL  
PVC COMPONENT



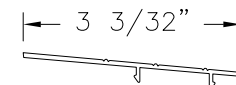
5 1" GLAZING BEAD  
RIGID PVC



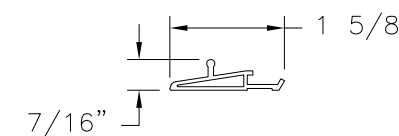
6 5 3/4" HEAD FRAME & JAMB  
FOAM PVC CO-EX.



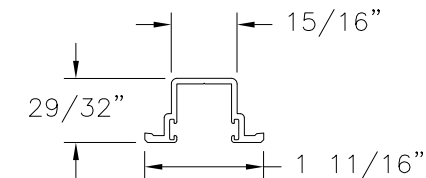
7 5 3/4" GLIDING SILL  
FOAM PVC CO-EX.



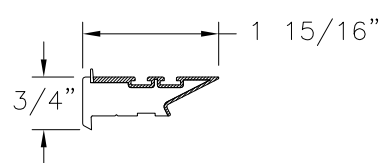
8 3 3/32" THRESHOLD  
ALUMINIUM



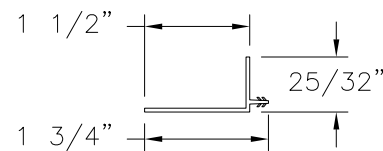
9 SCREEN RAIL  
ALUMINIUM



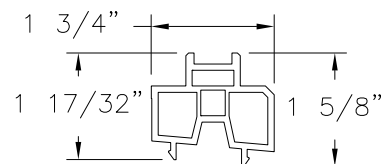
10 BOTTOM RAIL COVER  
RIGID PVC



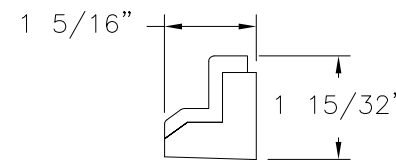
11 MEETING STILE INTERLOCK  
FOAM PVC CO-EX.



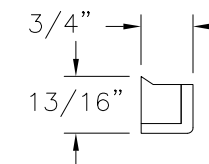
12 NAILING FIN  
PVC CO-EX



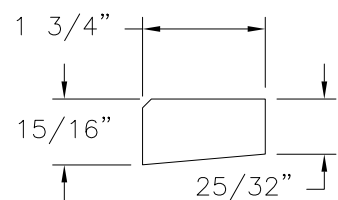
13 FIXED PANEL BASE  
RIGID PVC



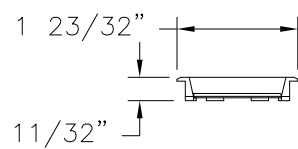
14 DOWNSIDE WIND STOPPER  
EPDM



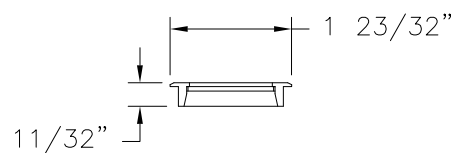
15 UPSIDE WIND STOPPER  
EPDM



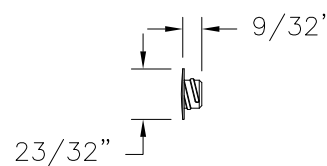
16 FIXED PANEL BASE COVER  
RIGID PVC



17 EXTERIOR WEEPER  
ABS



18 INTERIOR WEEPER  
ABS



19 ROLLER HOLE COVER  
ABS

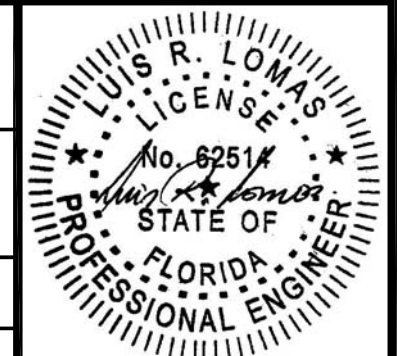
SIGNED: 09/29/2020

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

NA YA SLIDING GLASS DOOR  
6'0 6'11  
COMPONENTS

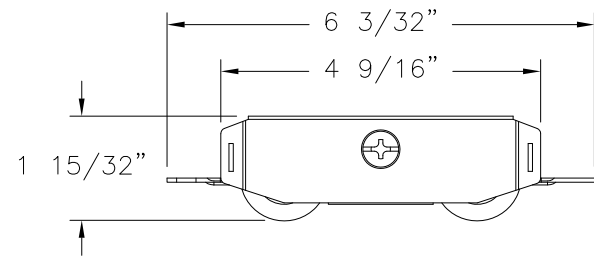
|                |                     |              |
|----------------|---------------------|--------------|
| DRAWN:<br>V.L. | DWG NO.<br>08-01867 | REV<br>B     |
| SCALE NTS      | DATE 12/02/12       | SHEET 5 OF 6 |

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

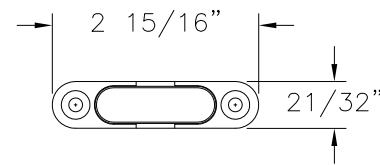


Luis R. Lomas P.E.  
FL No.: 62514

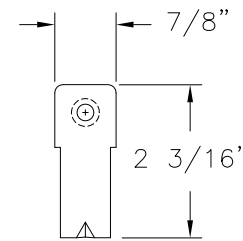
| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| A         | REVISED DIMENSIONS           | 02/18/15   | R.L.     |
| B         | REVISED PER NEW REQUIREMENTS | 09/29/2020 | R.L.     |



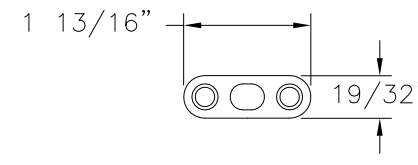
22 ADJUSTABLE ROLLER  
STAINLESS STEEL



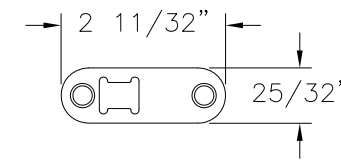
23 ANTI-LIFT STOPPER  
DIE CASTING



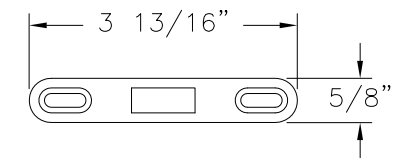
24 DOWNSIDE BRACKET  
STAINLESS STEEL



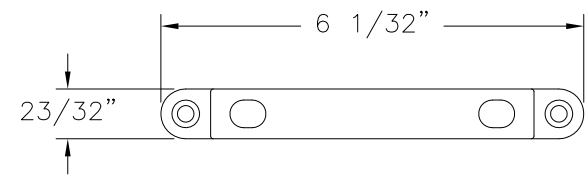
25 FLUSH BOLT GUIDE1  
STAINLESS STEEL



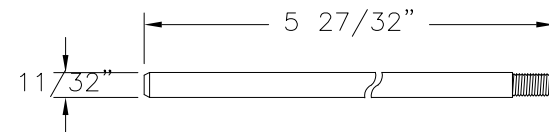
26 FLUSH BOLT GUIDE1  
STAINLESS STEEL



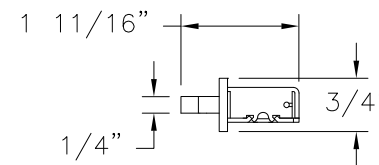
27 LOCK KEEPER  
DIE CASTING



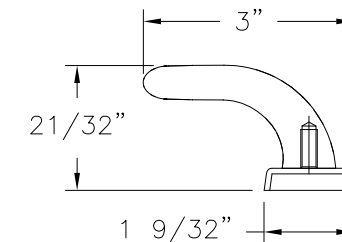
28 FLUSH BOLT KEEPER  
STAINLESS STEEL



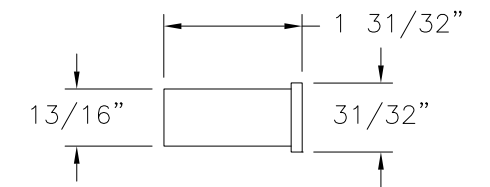
29 FLUSH BOLT BAR  
STAINLESS STEEL



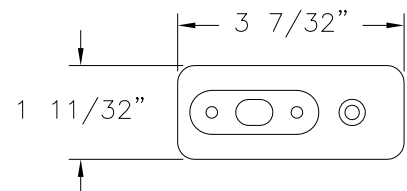
30 SINGLE LOCKING SYSTEM  
STAINLESS STEEL, DIE CAST, STEEL



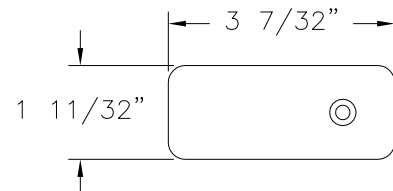
31 GLIDING HANDLE  
DIE CAST, STEEL



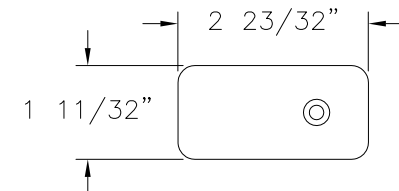
32 FLUSH BOLT MECHANISM  
DIE CAST, STEEL



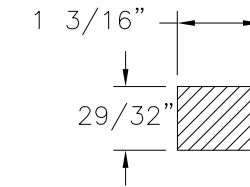
33 BOLT STILE END-COVER  
RIGID PVC



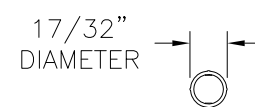
34 FIXED STILE END-COVER  
RIGID PVC



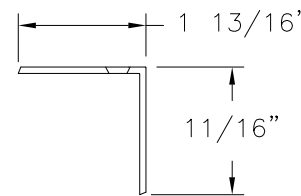
35 LOCK STILE END-COVER  
RIGID PVC



35 WOOD REINFORCEMENT  
PINE



20 ROLLER SLEEVE  
ABS



21 CORNER KEY  
DIE CAST

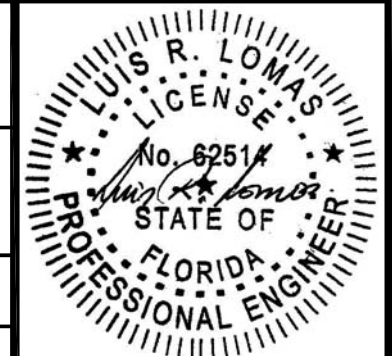
SIGNED: 09/29/2020

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

NA YA SLIDING GLASS DOOR  
6'0 6'11  
COMPONENTS

|                |                     |              |
|----------------|---------------------|--------------|
| DRAWN:<br>V.L. | DWG NO.<br>08-01867 | REV<br>B     |
| SCALE NTS      | DATE 12/02/12       | SHEET 6 OF 6 |

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