

- NOTES:
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
  - 2. WOOD FRAMING, METAL STRUCURE 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 NEEDED 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.
  - 12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

- 13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 WASHER-HEAD 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.
- 15. FOR ANCHORING THROUGH FRAME AND THROUGH CLIP INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 16. FOR ANCHORING THROUGH FRAME AND THROUGH CLIP INTO MASONRY/CONCRETE USE 3/16" WASHER-HEAD 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.
- 17. FOR ANCHORING THROUGH FRAME OR THROUGH CLIP INTO METAL STRUCTURE USE #8 WASHER-HEAD 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.
- 18. ALL FASTENERS TO BE CORROSION RESISTANT.
- 19. 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:
  - 19.a. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
  - 19.b. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
  - 19.c. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
  - 19.d. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

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| 2                 | ELEVATIONS           |
| 3 – 10            | INSTALLATION DETAILS |
| 11                | COMPONENTS           |

REVISIONS

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NT WINDOW, INC.  
2900 WET SEMINARY DR.  
FORTH WORTH, TX 76133

SERIES 700/900 PVC SINGLE HUNG WINDOW  
STANDARD REINFORCED NON-IMPACT  
NOTES

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

DWG NO.  
08-04219

SHEET  
1 OF 11

SCALE NTS

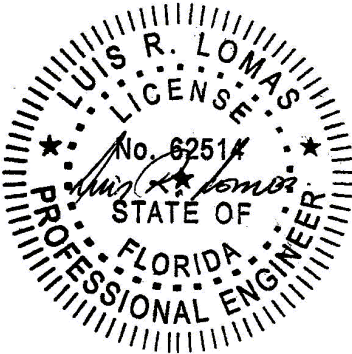
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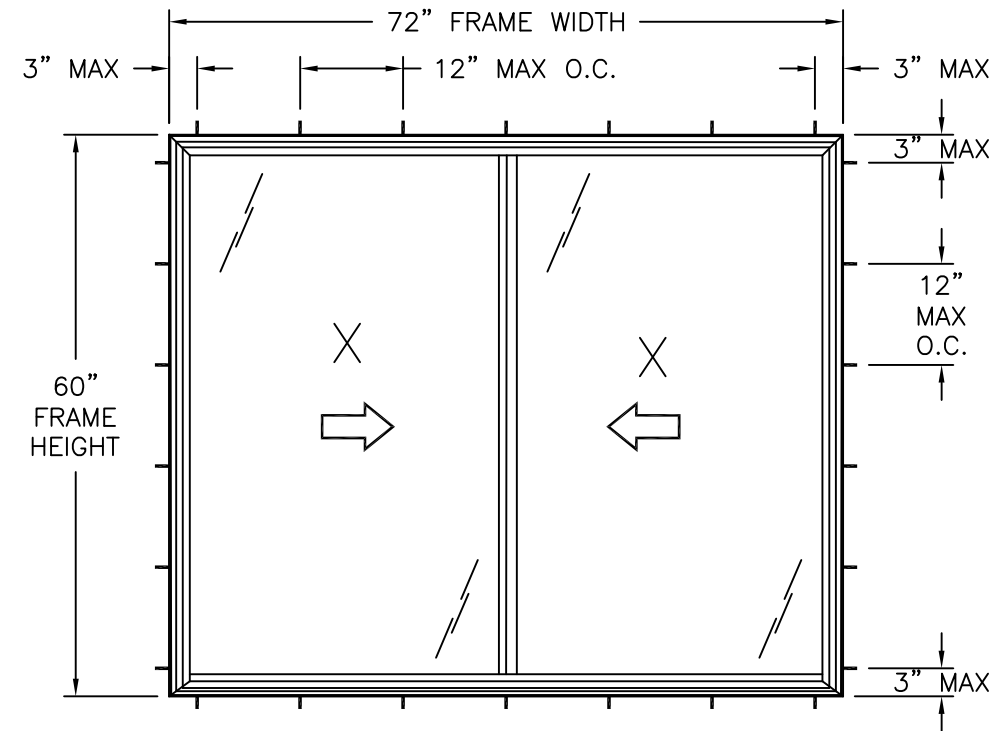
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DATE: 06/10/26

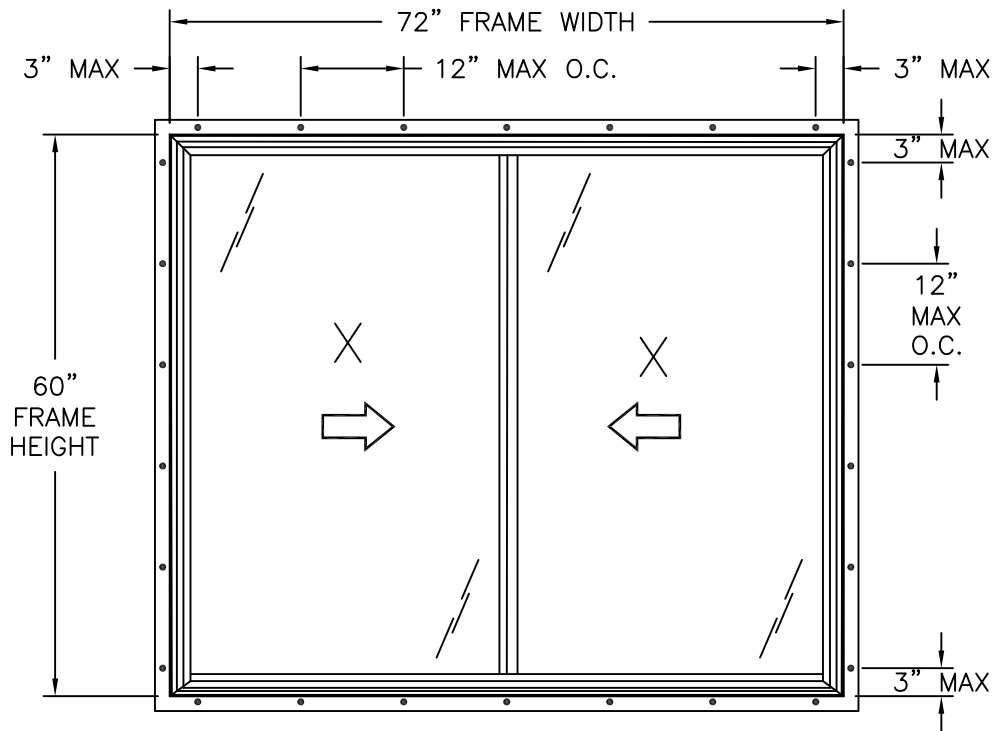
SIGNED: 07/06/2026



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



FINLESS INSTALLATION



FIN INSTALLATION

| STANDARD REINFORCED    |               |
|------------------------|---------------|
| DESIGN PRESSURE RATING | IMPACT RATING |
| ±35.0PSF               | NONE          |

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

- SASH SIZE: 35 1/4" X 56 1/4"
- SASH D.L.O.: 32 1/2" X 53 1/2"

HARDWARE SCHEDULE

|    |                                                       |
|----|-------------------------------------------------------|
| A. | (2) CAM LOCK WITH KEEPER AT LOCK STILE                |
| B. | (4) GLIDE PAD AT SASH BOTTOM RAIL                     |
| C. | ALUMINUM REINFORCEMENT (746) AT KEEPER AND LOCK RAILS |

Chart #1  
Design pressure Rating (psf)

| Frame Height (in) | Frame width (in) |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |
|-------------------|------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|                   | 30.00            |      | 36.00 |      | 42.00 |      | 48.00 |      | 54.00 |      | 60.00 |      | 66.00 |      | 72.00 |      |
|                   | Pos              | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  |
| 24.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 |
| 30.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 |
| 36.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 |
| 42.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 50.0 |
| 48.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 47.7 | 40.0  | 43.8 |
| 54.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 52.5 | 40.0  | 48.4 | 40.0  | 45.2 | 40.0  | 42.4 | 38.9  | 38.9 |
| 60.00             | 40.0             | 52.5 | 40.0  | 52.5 | 40.0  | 50.9 | 40.0  | 45.9 | 40.0  | 42.2 | 39.2  | 39.2 | 36.9  | 36.9 | 35.0  | 35.0 |
| 66.00             | 40.0             | 52.5 | 40.0  | 46.7 | 40.0  | 40.4 | 35.8  | 35.8 | 32.3  | 32.3 | 29.6  | 29.6 | -     | -    | -     | -    |
| 72.00             | 40.0             | 42.6 | 35.8  | 35.8 | 30.9  | 30.9 | 27.4  | 27.4 | 24.6  | 24.6 | 22.5  | 22.5 | -     | -    | -     | -    |
| 78.00             | 33.4             | 33.4 | 28.0  | 28.0 | 24.2  | 24.2 | 21.4  | 21.4 | 19.2  | 19.2 | -     | -    | -     | -    | -     | -    |
| 84.00             | 26.7             | 26.7 | 22.4  | 22.4 | 19.3  | 19.3 | 17.0  | 17.0 | -     | -    | -     | -    | -     | -    | -     | -    |

| REV | REVISIONS   |  | DATE |
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NT WINDOW, INC.  
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STANDARD REINFORCED NON-IMPACT  
ELEVATIONS

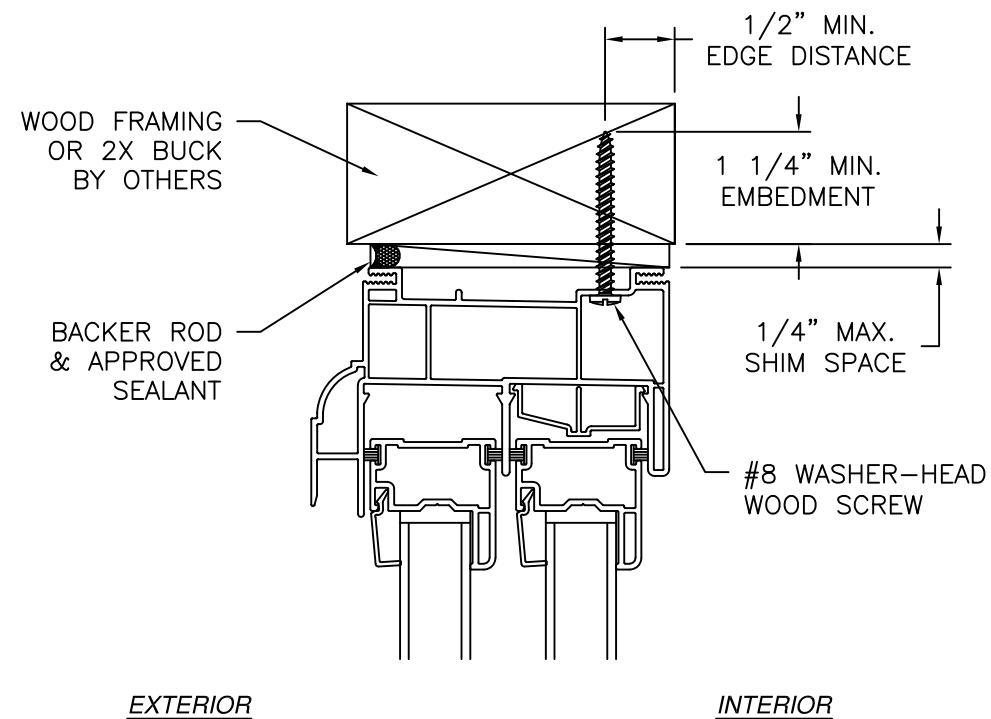
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rilomas@rilomaspe.com

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| DWG NO.    | SHEET          |       |
| 08-04219   | 2 OF 11        |       |
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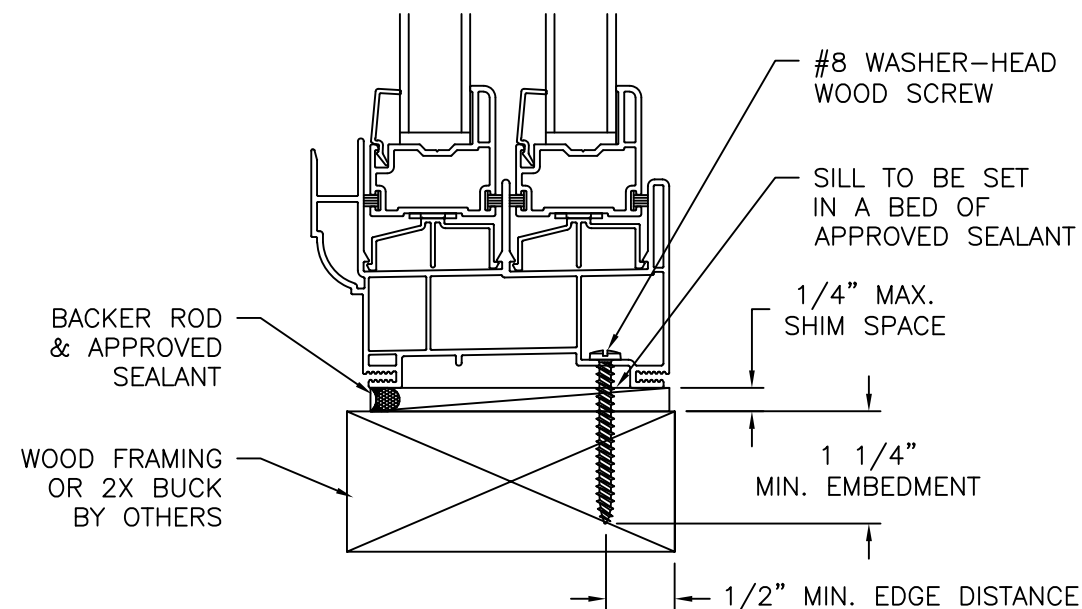
LUIS R. LOMAS  
No. 62514  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

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

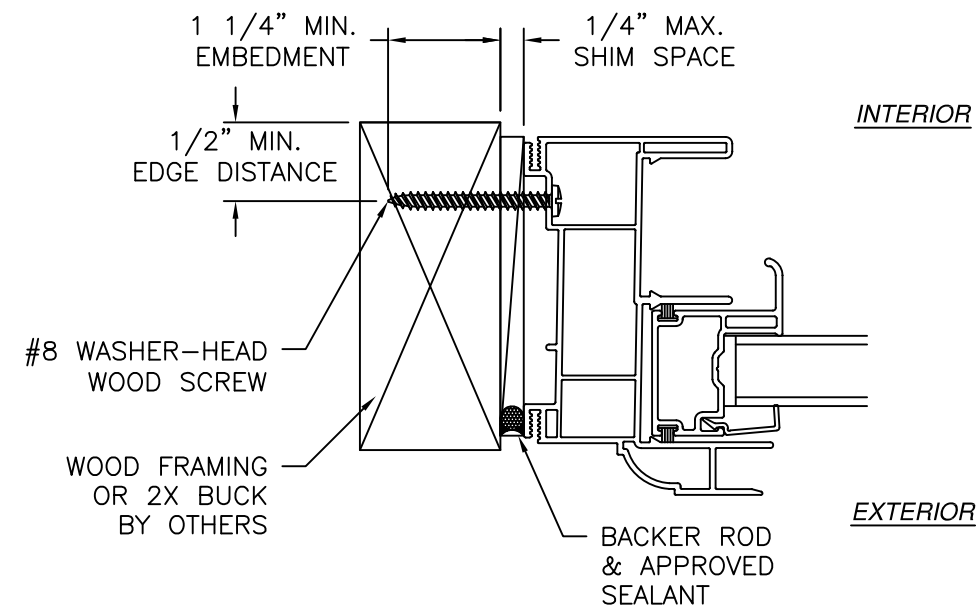


EXTERIOR

INTERIOR



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



INTERIOR

EXTERIOR

**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

| REVISIONS |             | DATE |
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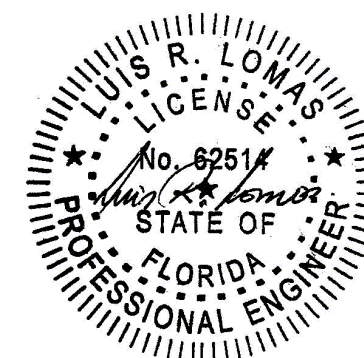
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**SERIES 700/900 PVC SINGLE HUNG WINDOW**  
STANDARD REINFORCED NON-IMPACT  
FINLESS INSTALLATION DETAILS

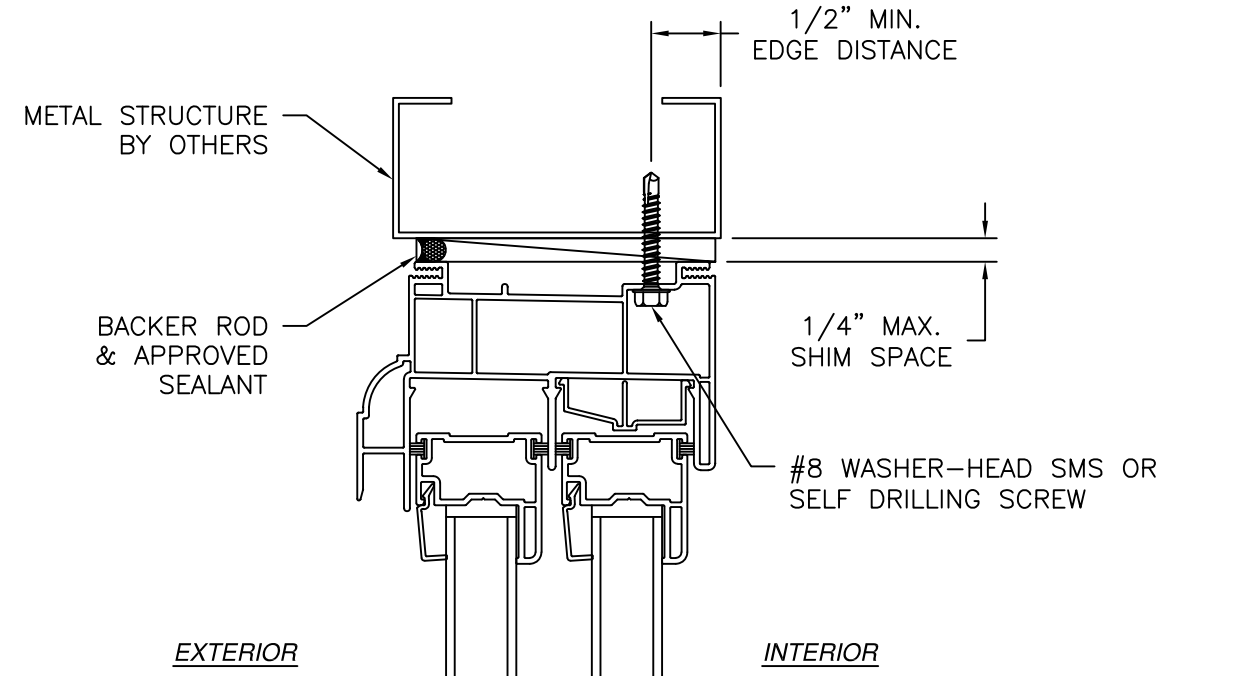
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208 7th Ave, INDIANLANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

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| DWG NO.<br><b>08-04219</b> | SHEET<br><b>3 OF 11</b>   |
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| DRAWN <b>R.L.</b>          | DATE: <b>06/10/26</b>     |

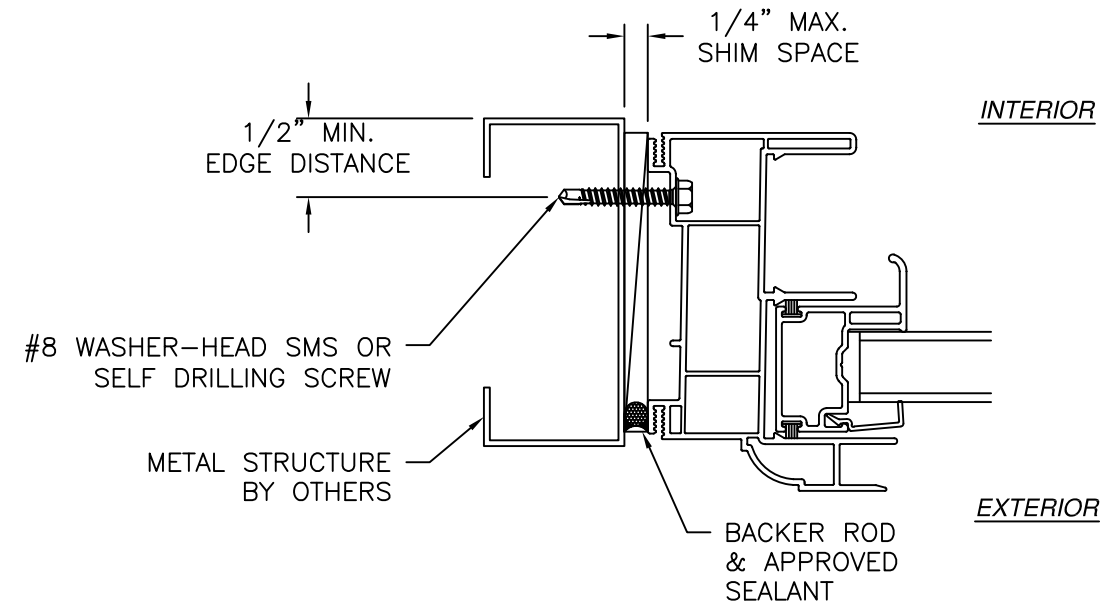
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FL No.: 62514



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

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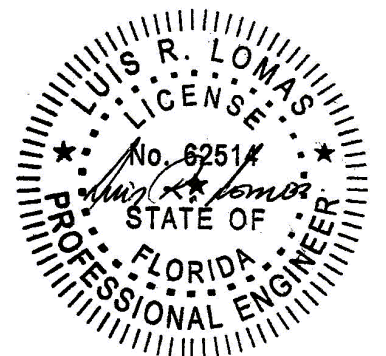
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FINLESS INSTALLATION DETAILS

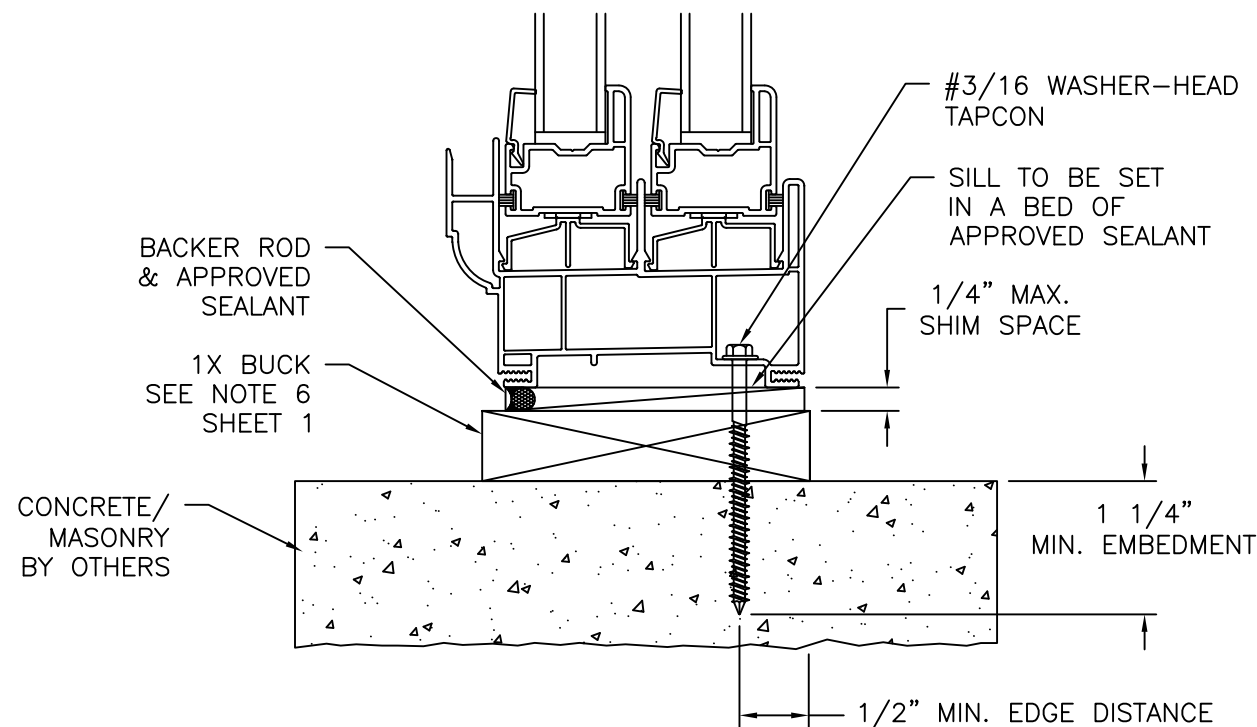
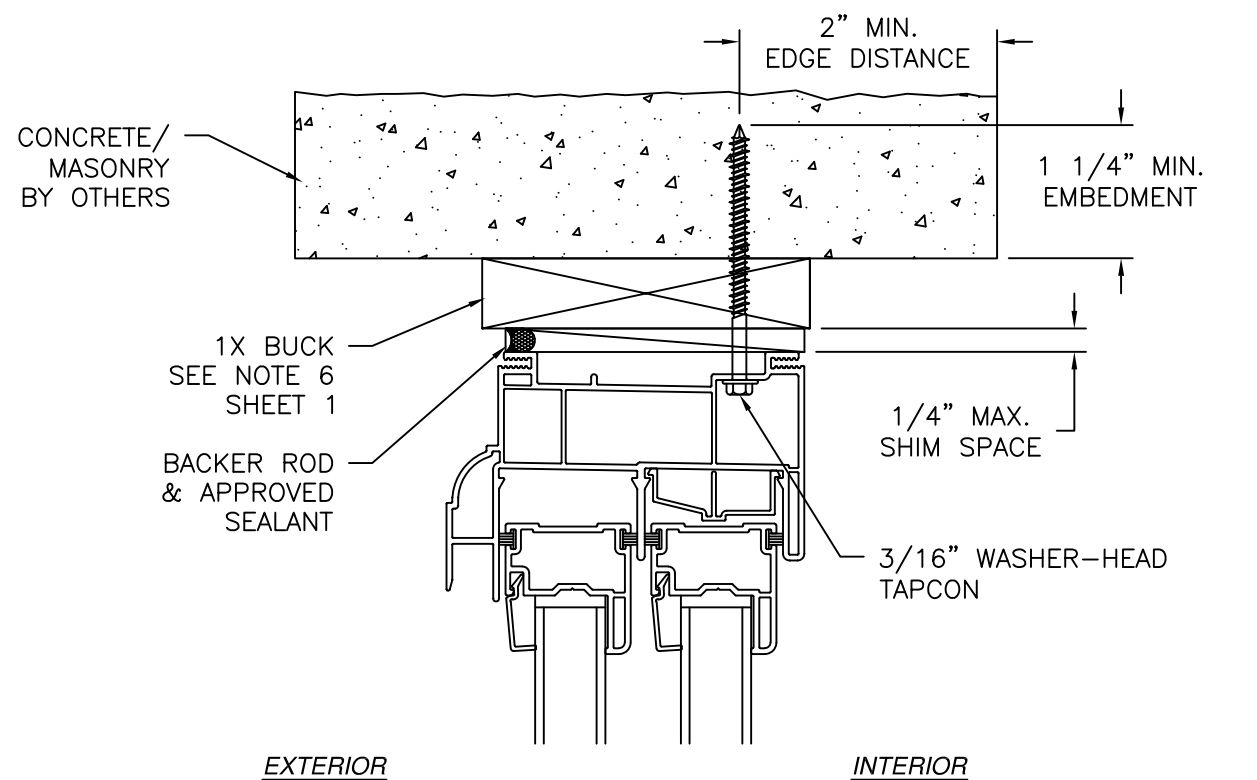
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIANLANTIC, FL 32903  
434-688-0609    rllomas@rlomaspe.com

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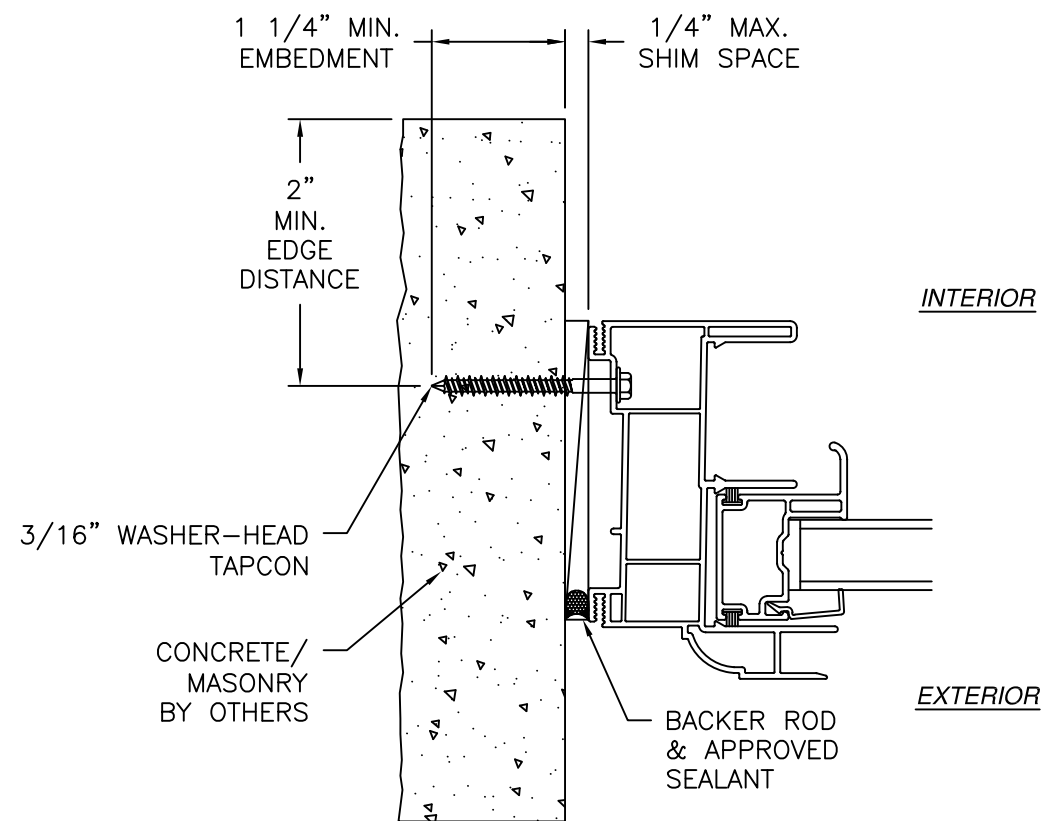
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Luis R. Lomas P.E.  
FL No.: 62514



**VERTICAL CROSS SECTION**  
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION  
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO  
 JAMB INSTALLATION DETAIL



**JAMB INSTALLATION DETAIL**  
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION  
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO  
 HEAD AND SILL INSTALLATION DETAILS

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

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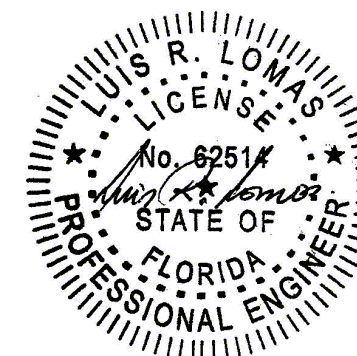
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 2900 WET SEMINARY DR.  
 FORTH WORTH, TX 76133

**SERIES 700/900 PVC SINGLE HUNG WINDOW  
 STANDARD REINFORCED NON-IMPACT  
 FINLESS INSTALLATION DETAILS**

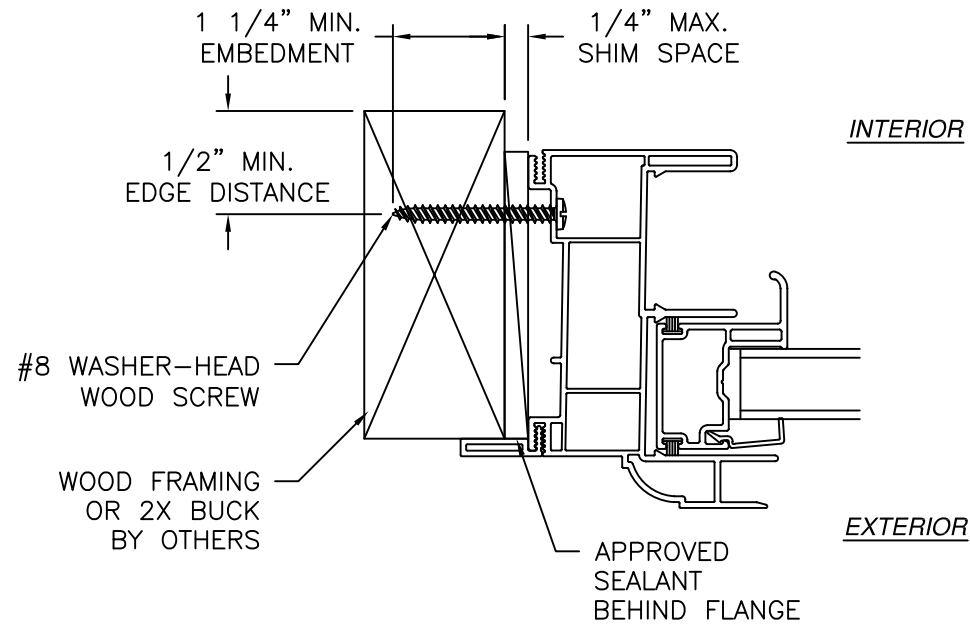
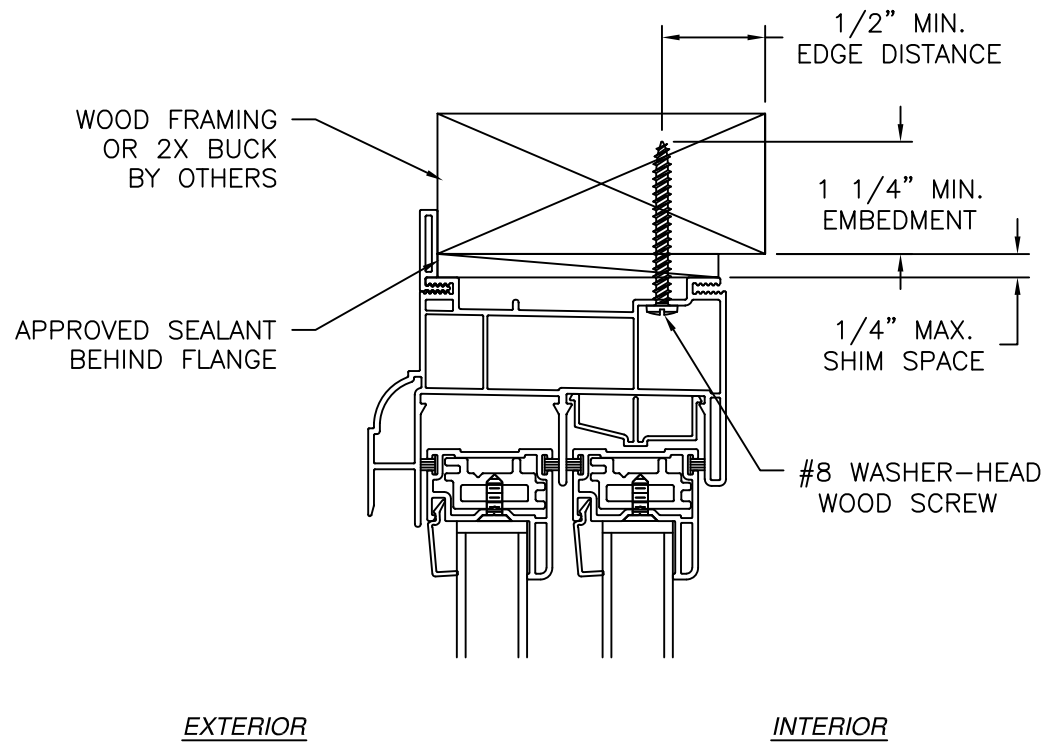
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 208 7th Ave, INDIANLANTIC, FL 32903  
 434-688-0609 rllomas@rlomaspe.com

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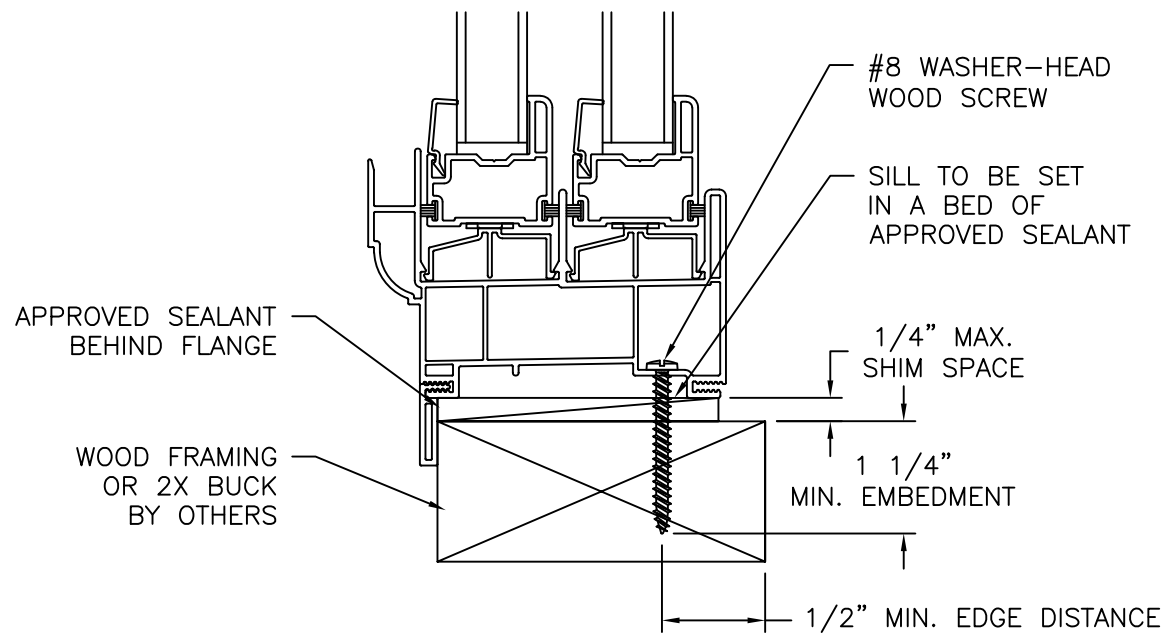
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Luis R. Lomas P.E.  
 FL No.: 62514



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



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

**NOTES:**

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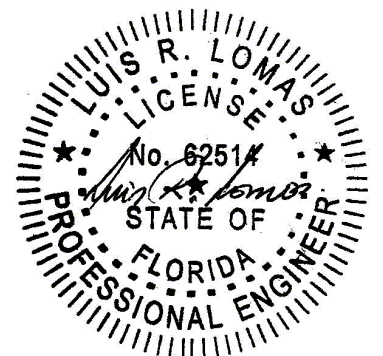
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STANDARD REINFORCED NON-IMPACT  
FLANGE INSTALLATION DETAILS

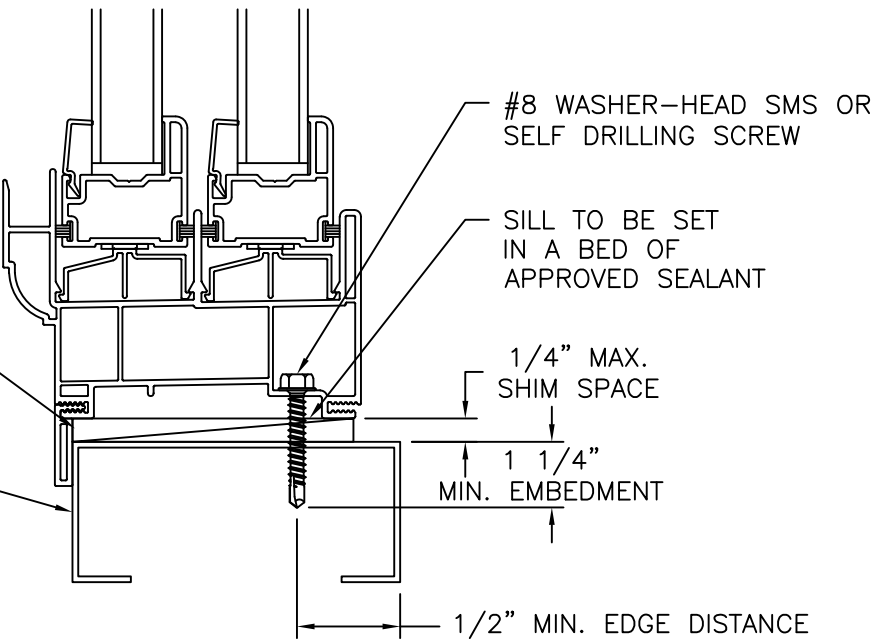
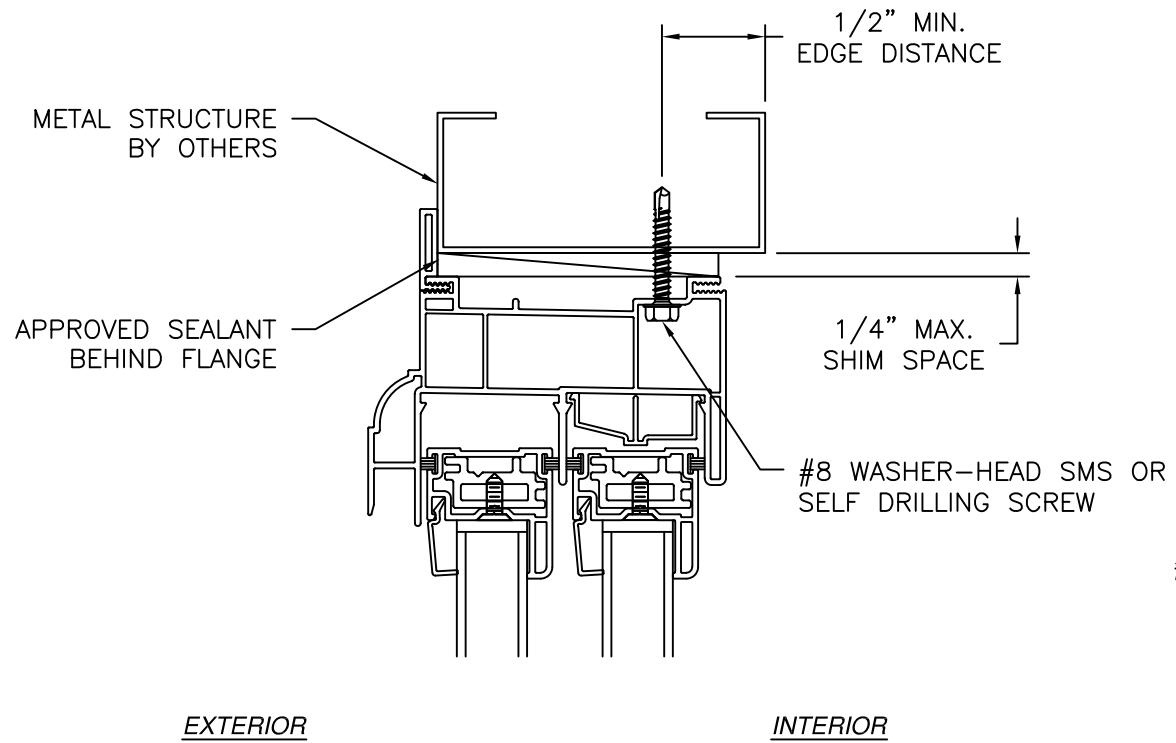
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208 7th Ave, INDIANLANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

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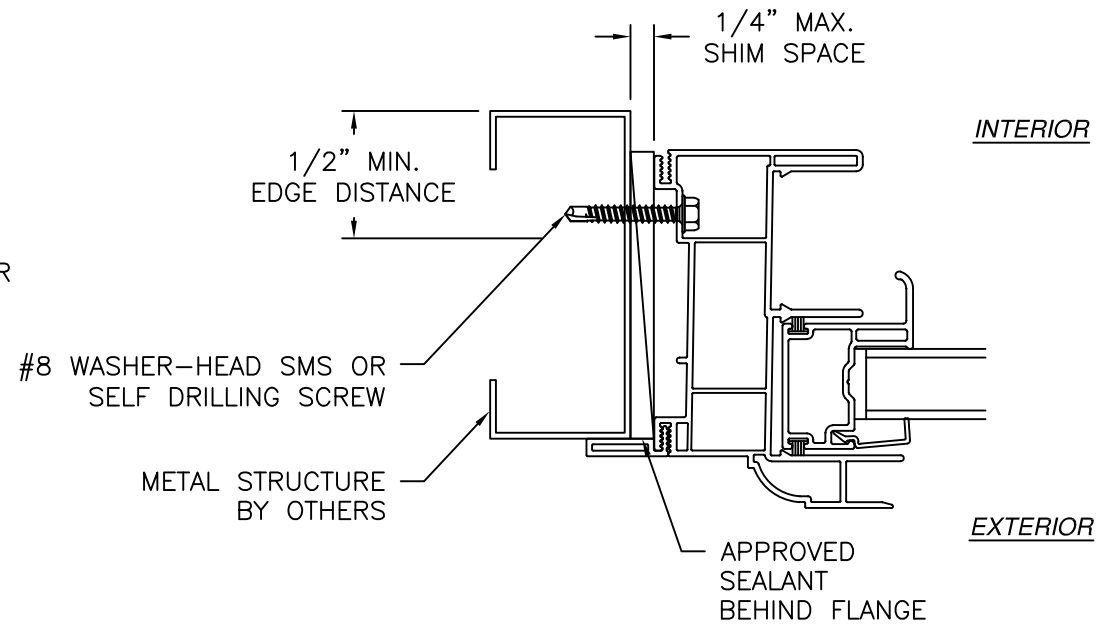
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FL No.: 62514



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

**NOTES:**

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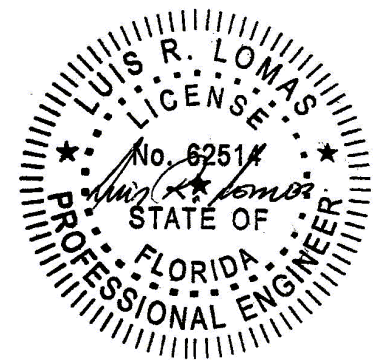
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FORTH WORTH, TX 76133

SERIES 700/900 PVC SINGLE HUNG WINDOW  
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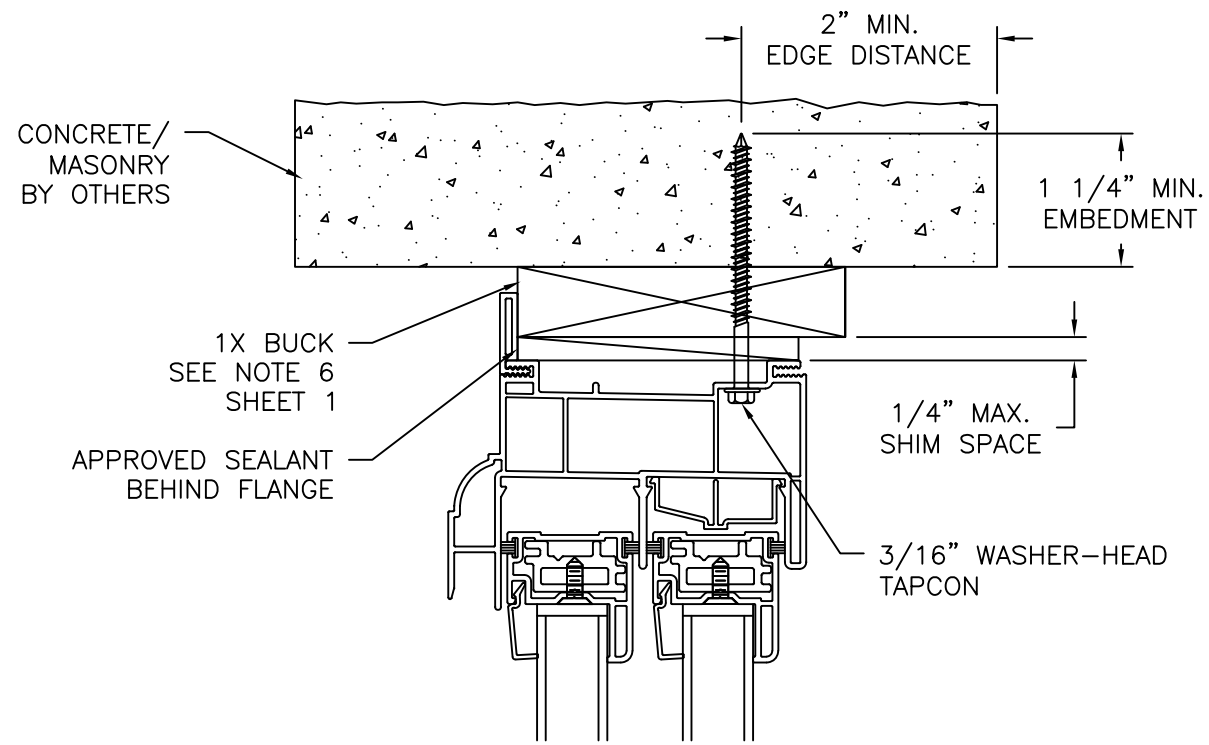
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208 7th Ave, INDIALANTIC, FL 32903  
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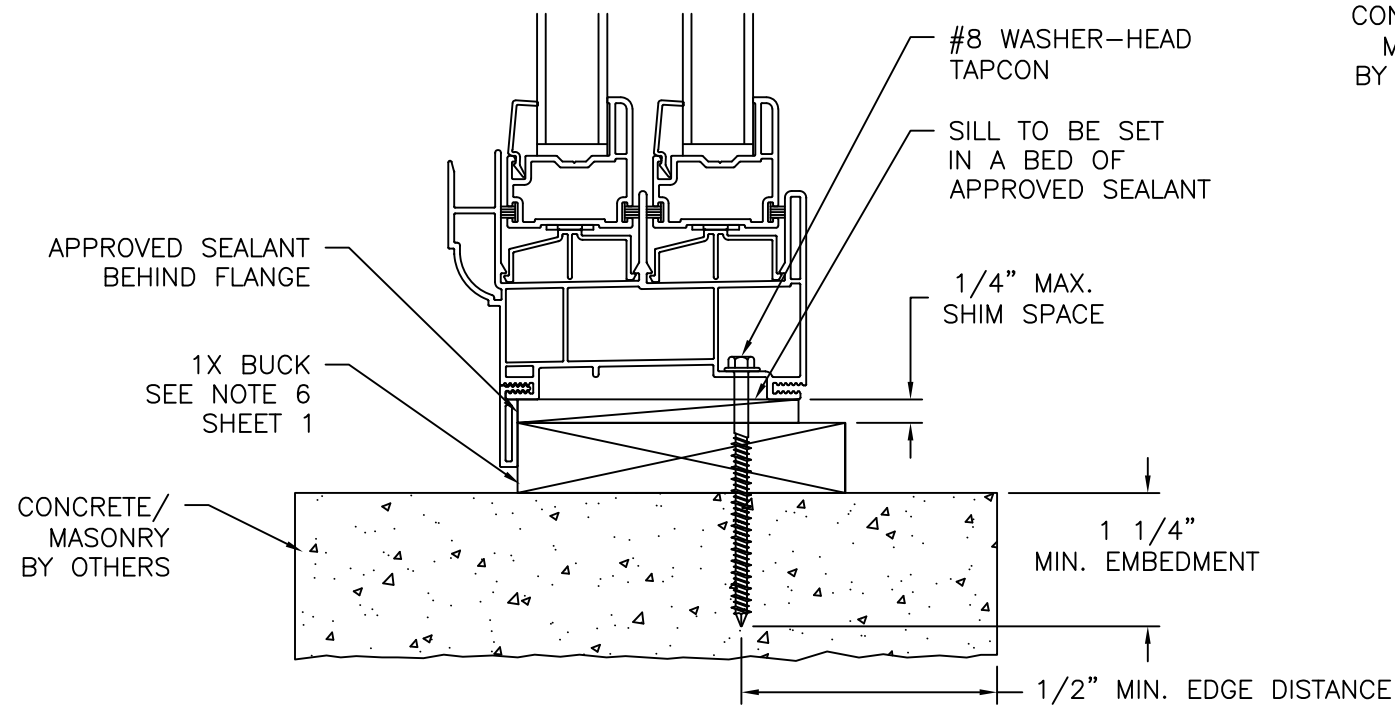


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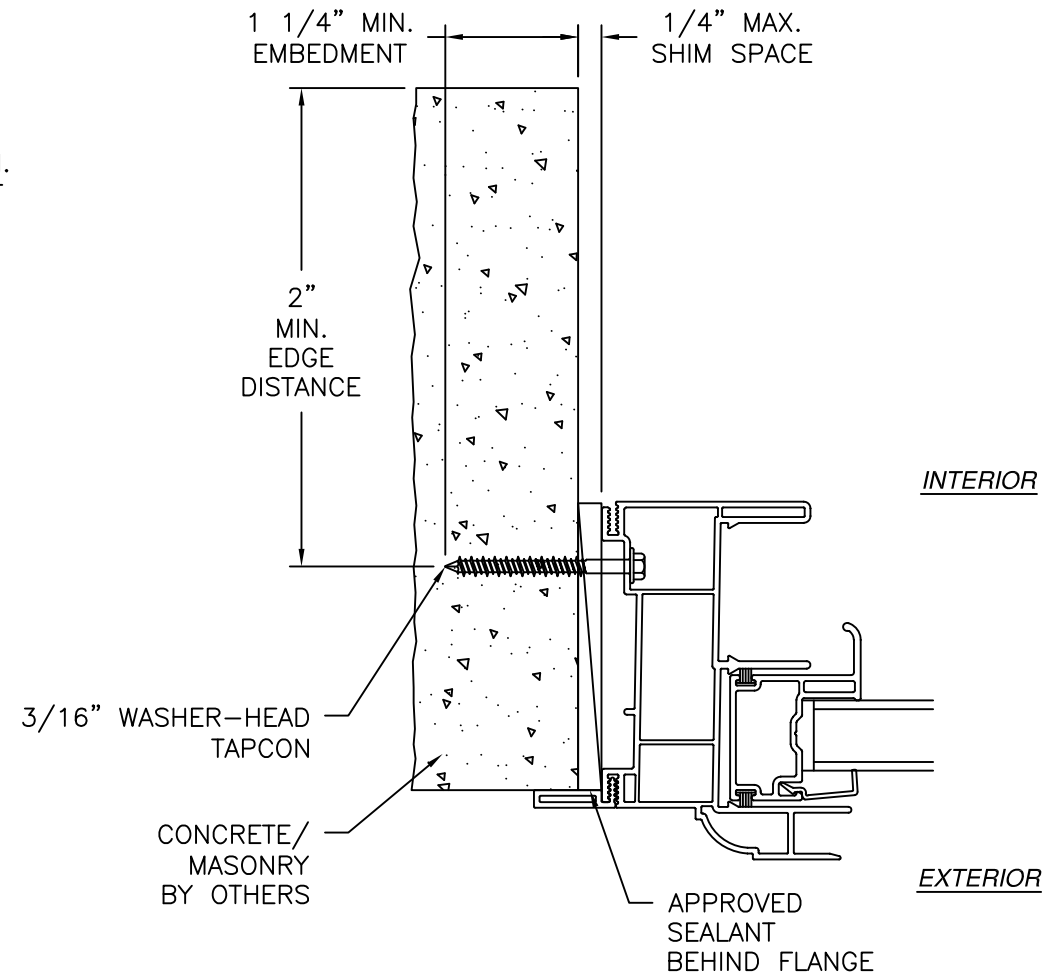
EXTERIOR

INTERIOR



**VERTICAL CROSS SECTION**

CONCRETE/MASONRY WITH 1X BUCK INSTALLATION  
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO  
JAMB INSTALLATION DETAIL



INTERIOR

EXTERIOR

**JAMB INSTALLATION DETAIL**

CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION  
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO  
HEAD AND SILL INSTALLATION DETAILS

**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

| REV | DESCRIPTION | DATE |
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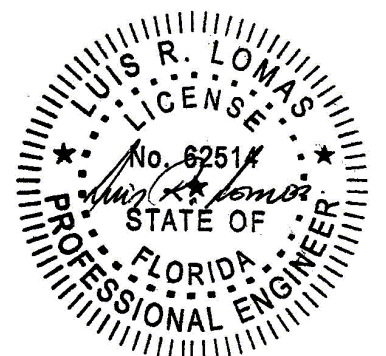
**NT WINDOW, INC.**  
2900 WET SEMINARY DR.  
FORTH WORTH, TX 76133

**SERIES 700/900 PVC SINGLE HUNG WINDOW  
STANDARD REINFORCED NON-IMPACT  
FLANGE INSTALLATION DETAILS**

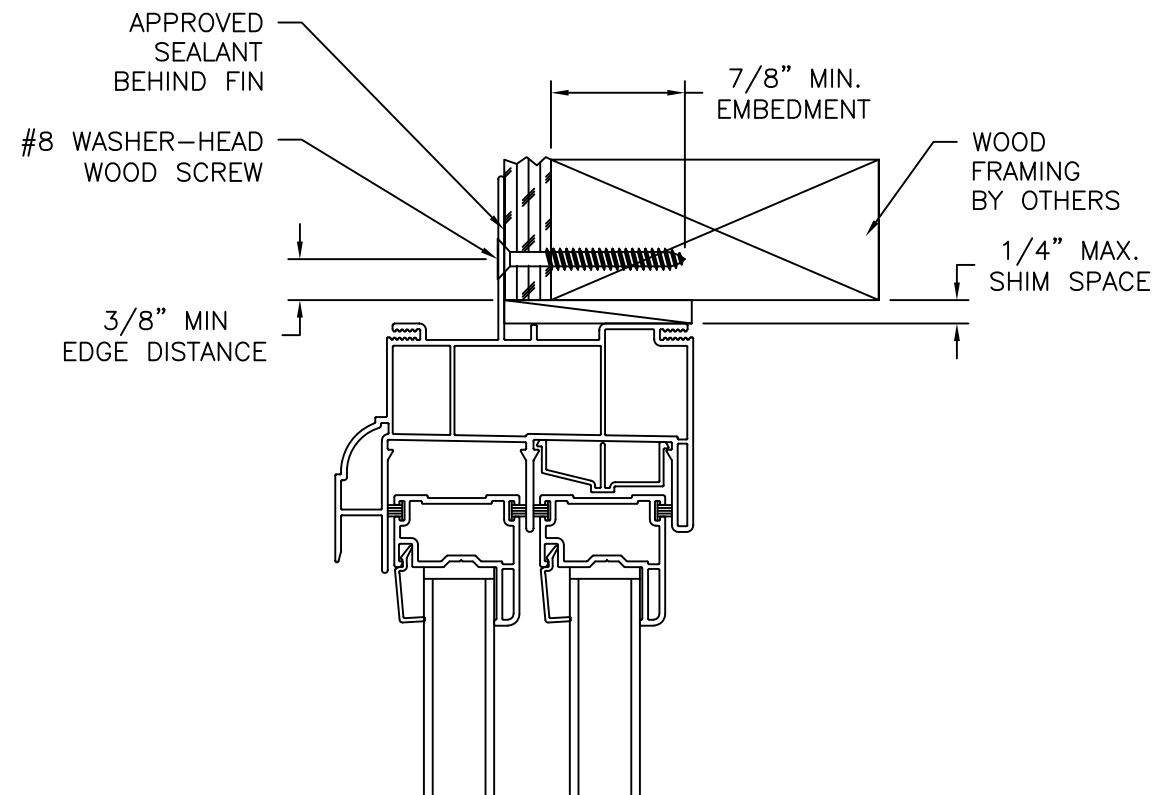
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIANLANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

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|----------------------------|---------------------------|
| DWG NO.<br><b>08-04219</b> | SHEET<br><b>8 OF 11</b>   |
| SCALE <b>NTS</b>           | REV <b>-</b> FPA <b>-</b> |
| DRAWN <b>R.L.</b>          | DATE: <b>06/10/26</b>     |

SIGNED: 07/06/2026

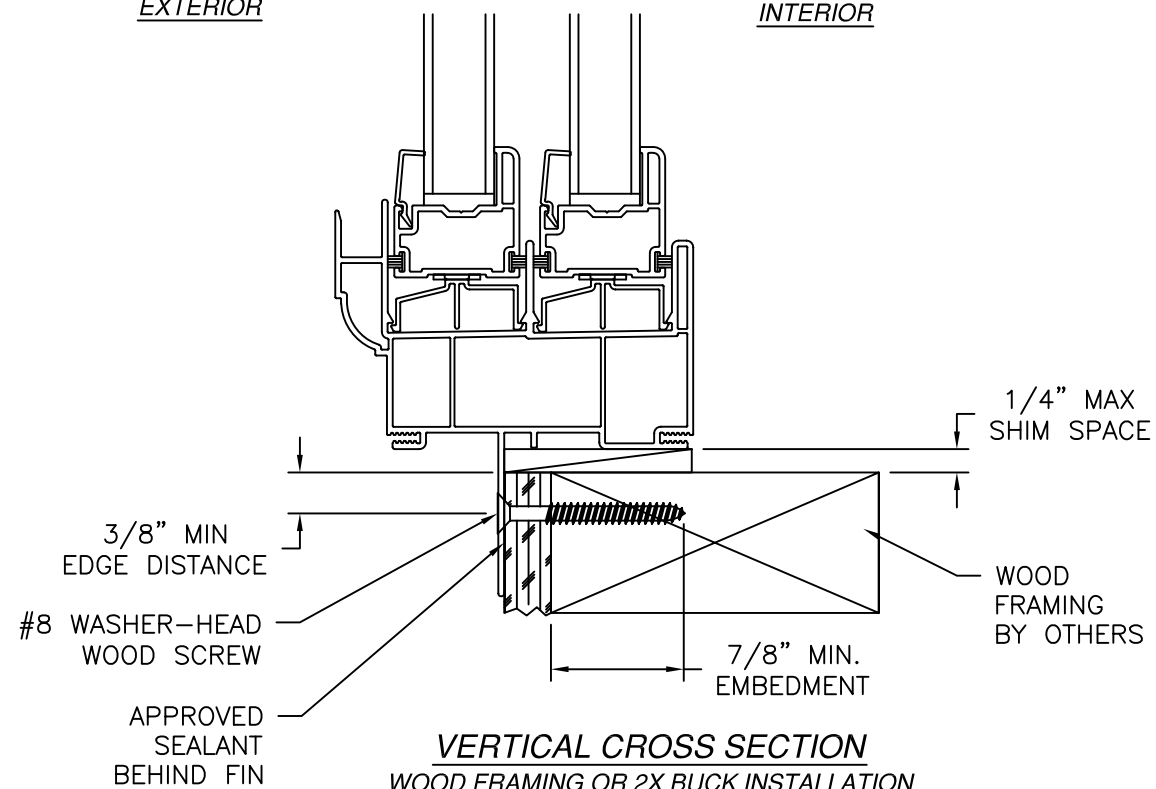


Luis R. Lomas P.E.  
FL No.: 62514

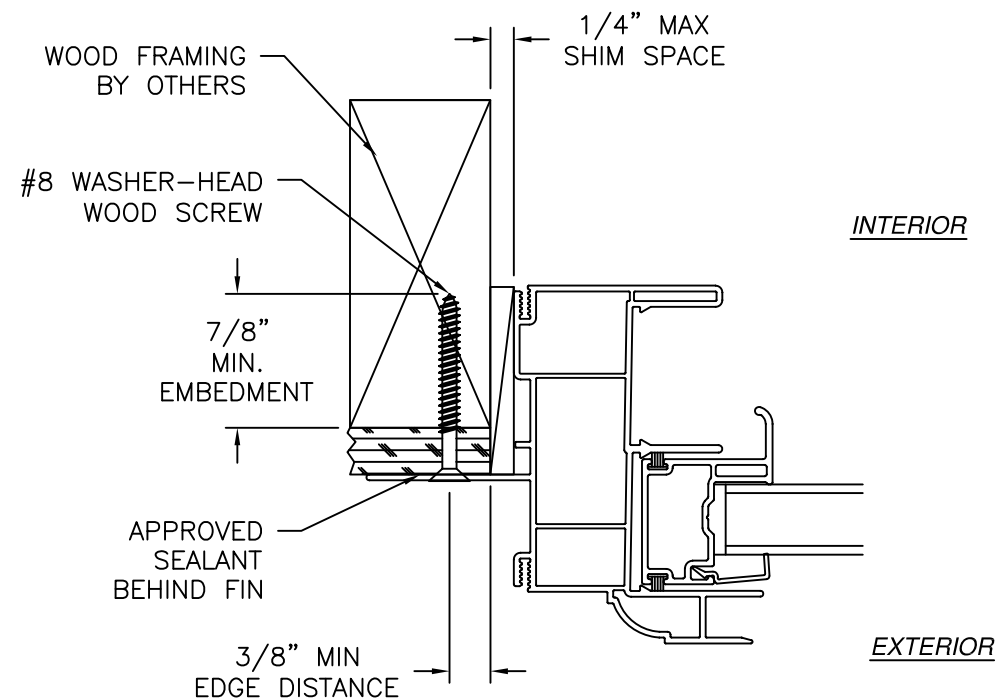


EXTERIOR

INTERIOR



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



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

**NOTES:**

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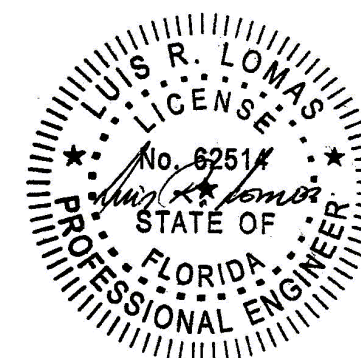
**NT WINDOW, INC.**  
2900 WET SEMINARY DR.  
FORTH WORTH, TX 76133

**SERIES 700/900 PVC SINGLE HUNG WINDOW**  
**STANDARD REINFORCED NON-IMPACT**  
**FIN INSTALLATION DETAILS**

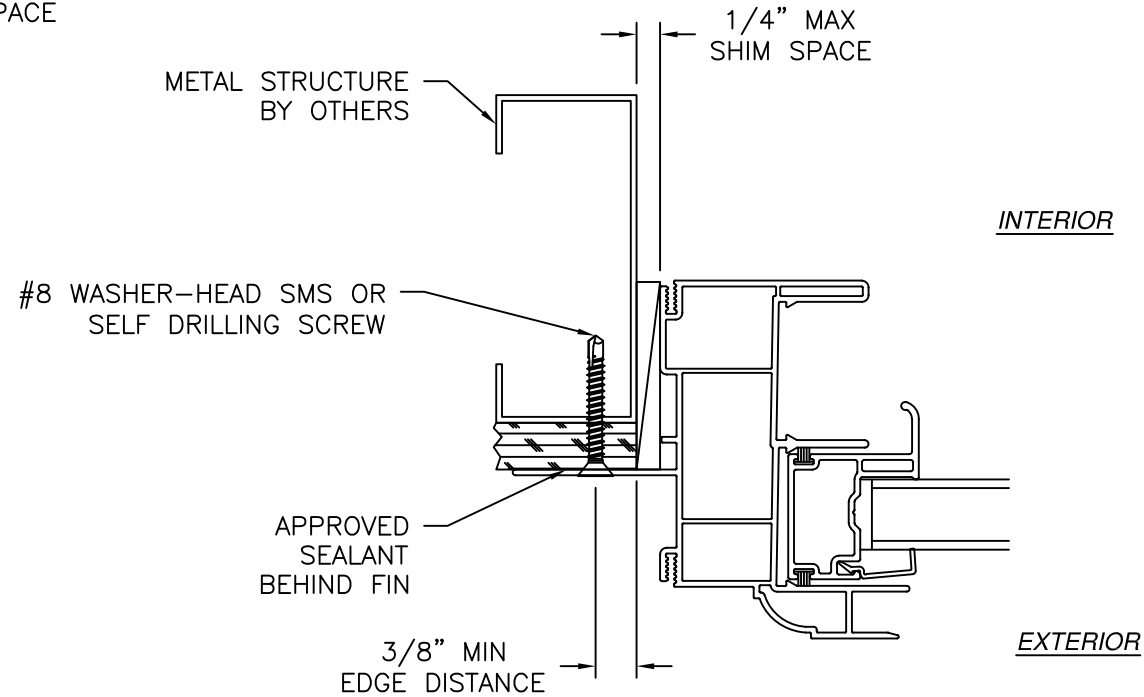
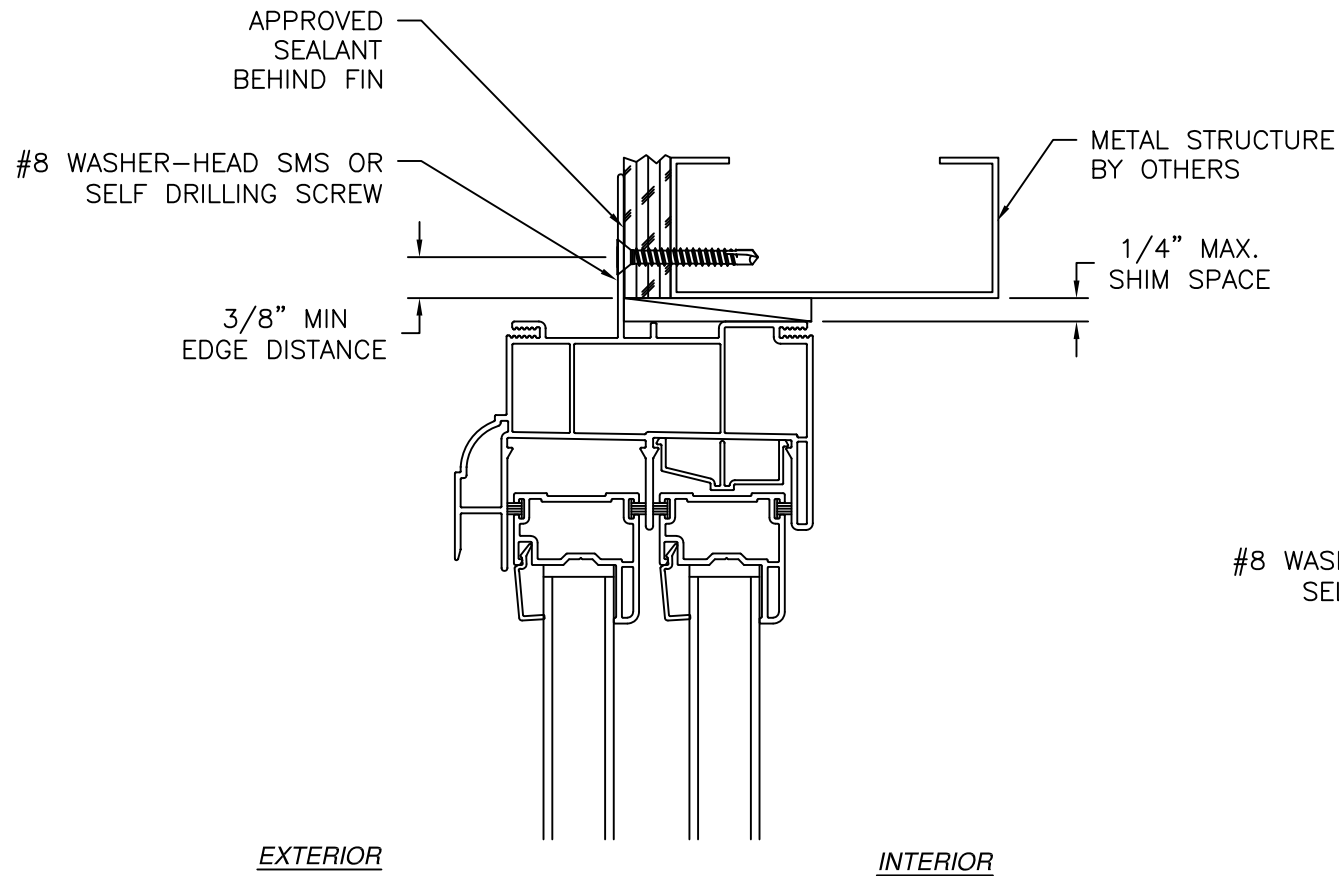
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@rlomaspe.com

|                            |                           |
|----------------------------|---------------------------|
| DWG NO.<br><b>08-04219</b> | SHEET<br><b>9 OF 11</b>   |
| SCALE <b>NTS</b>           | REV <b>-</b> FPA <b>-</b> |
| DRAWN <b>R.L.</b>          | DATE: <b>06/10/26</b>     |

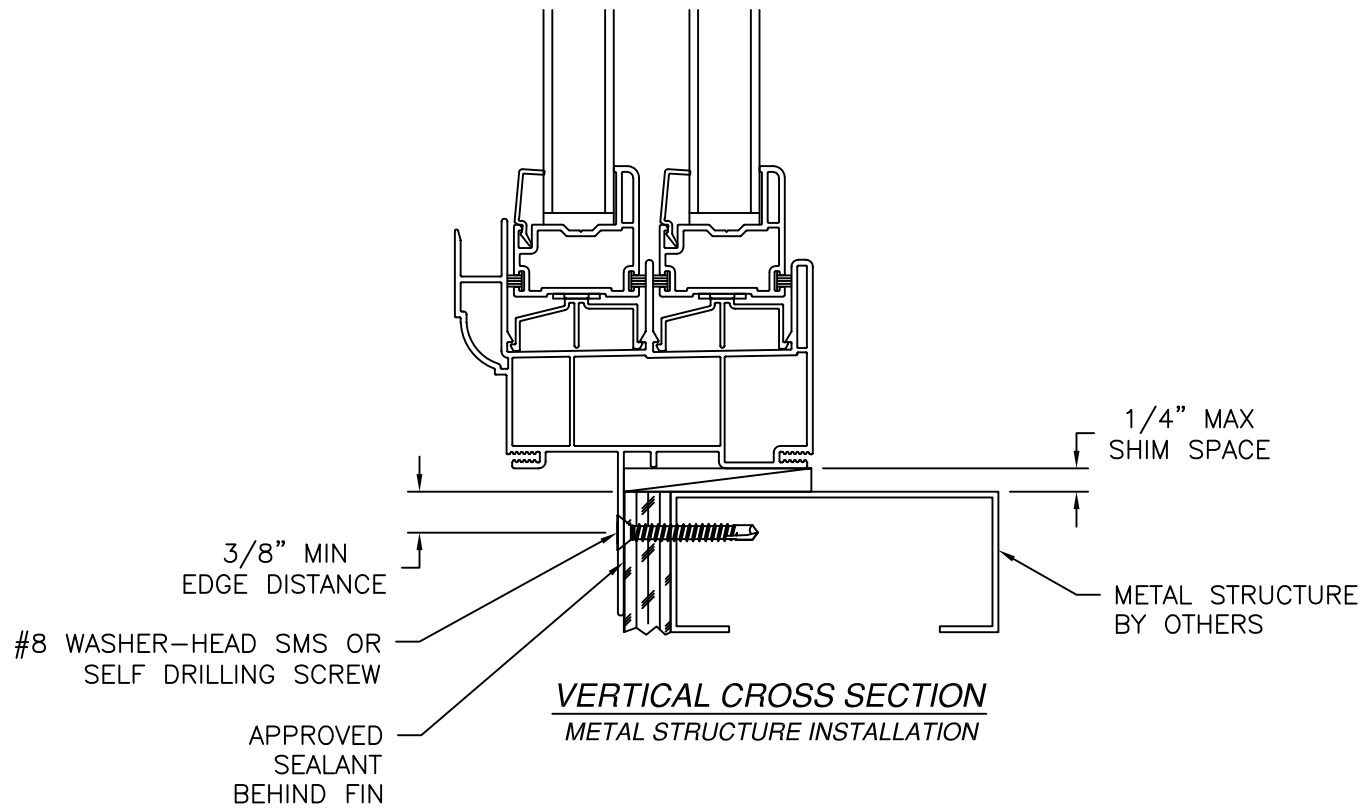
**SIGNED: 07/06/2026**



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



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION



**VERTICAL CROSS SECTION**  
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

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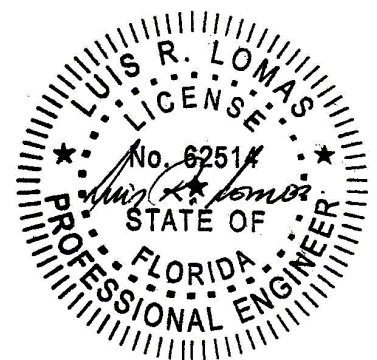
NT WINDOW, INC.  
2900 WET SEMINARY DR.  
FORTH WORTH, TX 76133

SERIES 700/900 PVC SINGLE HUNG WINDOW  
STANDARD REINFORCED NON-IMPACT  
FIN INSTALLATION DETAILS

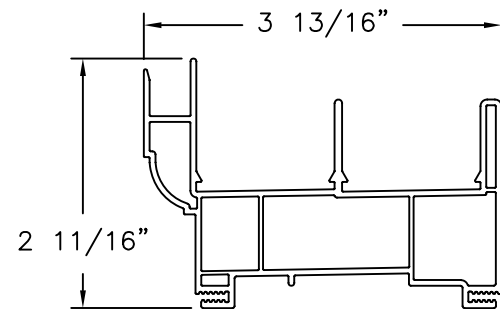
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIANLANTIC, FL 32903  
434-688-0609    rlomas@rlomaspe.com

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|----------------------------|---------------------------|
| DWG NO.<br><b>08-04219</b> | SHEET<br><b>10 OF 11</b>  |
| SCALE <b>NTS</b>           | REV <b>-</b> FPA <b>-</b> |
| DRAWN <b>R.L.</b>          | DATE: <b>06/10/26</b>     |

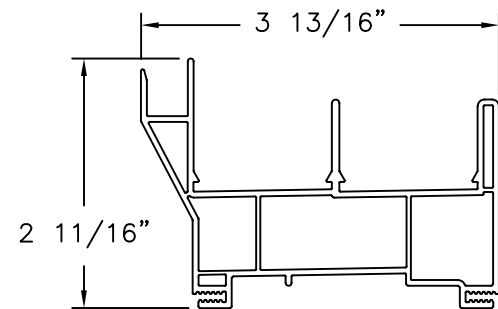
SIGNED: 07/06/2026



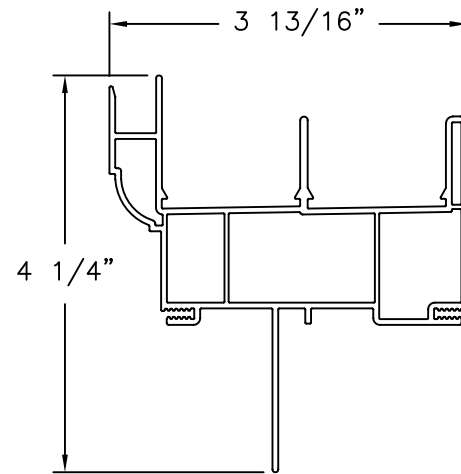
Luis R. Lomas P.E.  
FL No.: 62514



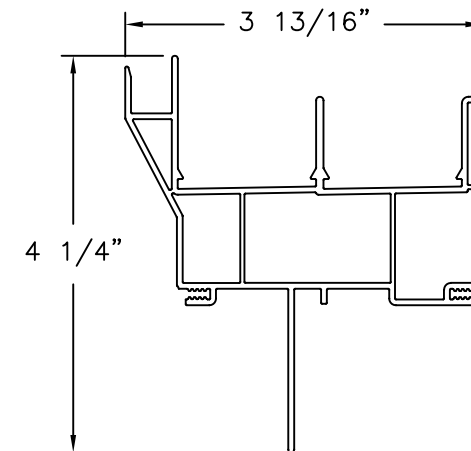
**900 SERIES FRAME**  
EXTRUDED PVC



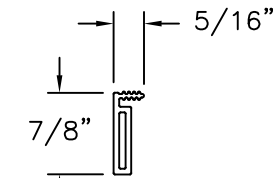
**700 SERIES FRAME**  
EXTRUDED PVC



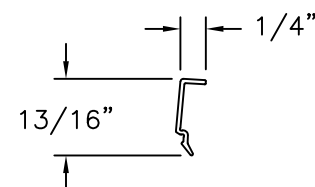
**900 SERIES FRAME WITH FIN**  
EXTRUDED PVC



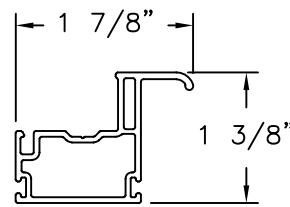
**700 SERIES FRAME WITH FIN**  
EXTRUDED PVC



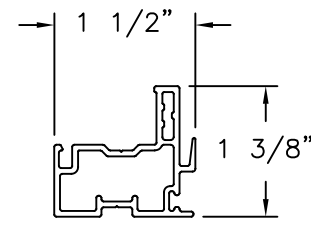
**FLANGE**  
EXTRUDED PVC



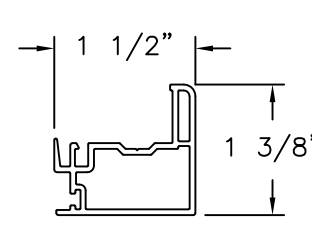
**7/8" GLAZING BEAD**  
EXTRUDED PVC



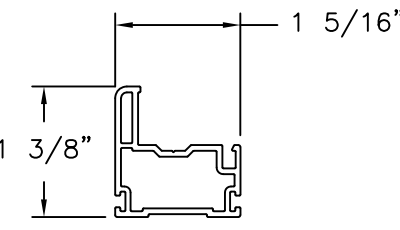
**TOP LIFT RAIL**  
EXTRUDED PVC



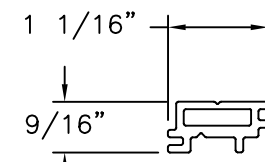
**KEEPER RAIL**  
GALVANIZED STEEL



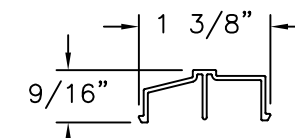
**LOCK RAIL**  
GALVANIZED STEEL



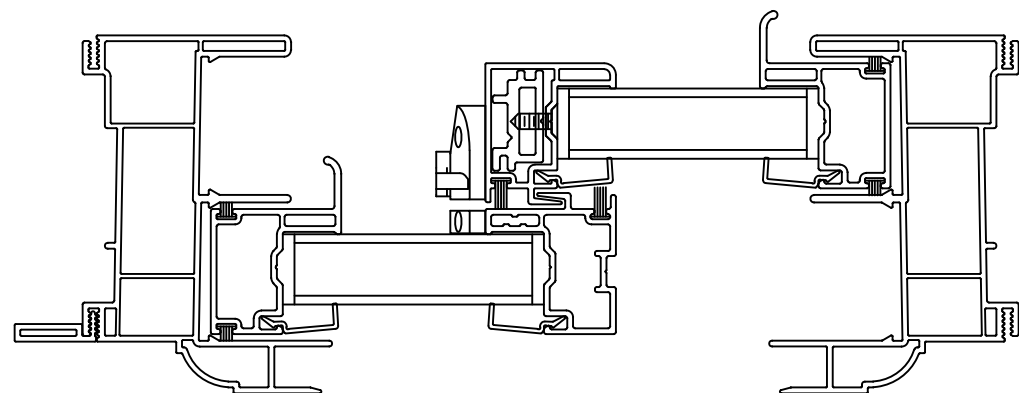
**SLIDER RAIL**  
EXTRUDED PVC



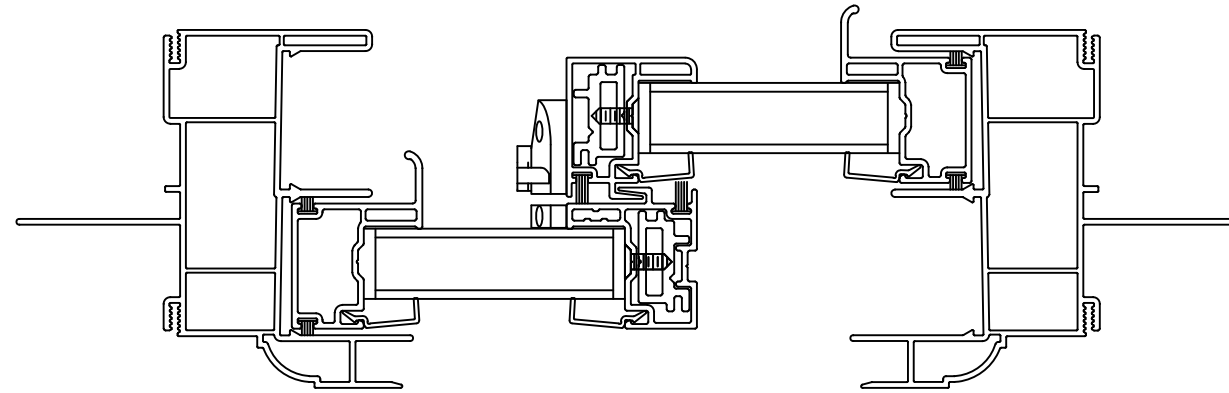
**REINFORCEMENT**  
ALUMINUM



**SILL RISER**  
EXTRUDED PVC



**FINLESS HORIZONTAL CROSS SECTION**



**FIN HORIZONTAL CROSS SECTION**

| REV | DESCRIPTION | DATE |
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**NT WINDOW, INC.**  
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FORTH WORTH, TX 76133

**SERIES 700/900 PVC SINGLE HUNG WINDOW**  
STANDARD REINFORCED NON-IMPACT  
COMPONENTS

L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIANLANTIC, FL 32903  
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|                            |                           |
|----------------------------|---------------------------|
| DWG NO.<br><b>08-04219</b> | SHEET<br><b>11 OF 11</b>  |
| SCALE <b>NTS</b>           | REV <b>-</b> FPA <b>-</b> |
| DRAWN <b>R.L.</b>          | DATE: <b>06/10/26</b>     |

**SIGNED: 07/06/2026**

LUIS R. LOMAS  
P.E.  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

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