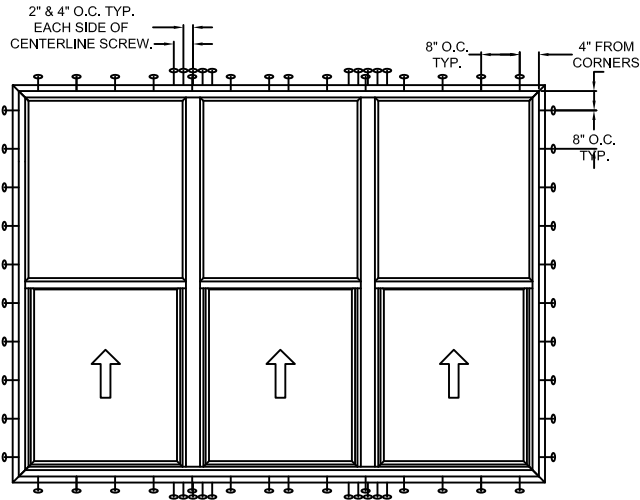
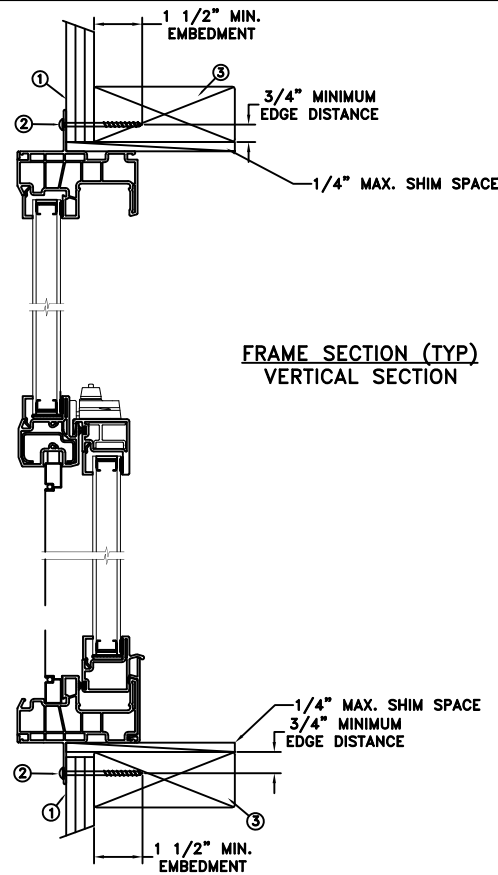
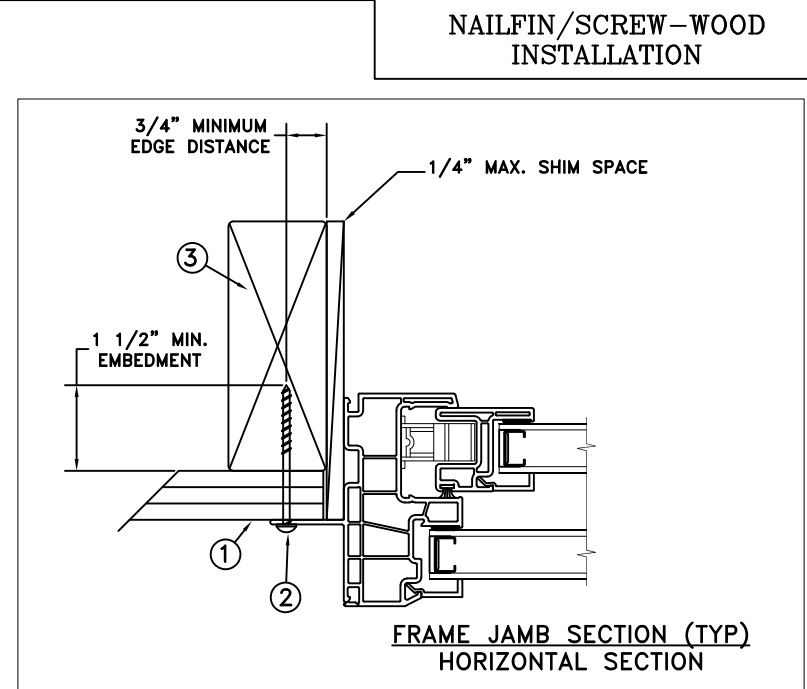




TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use #8 PH or greater fastener through the nailing flange with sufficient length to penetrate a minimum of 1-1/2" into the wood framing. For 2x wood frame substrate (min. S.G. = 0.42).
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

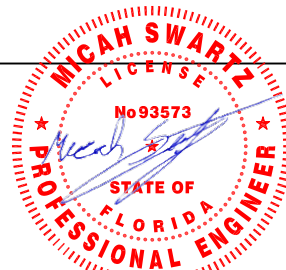
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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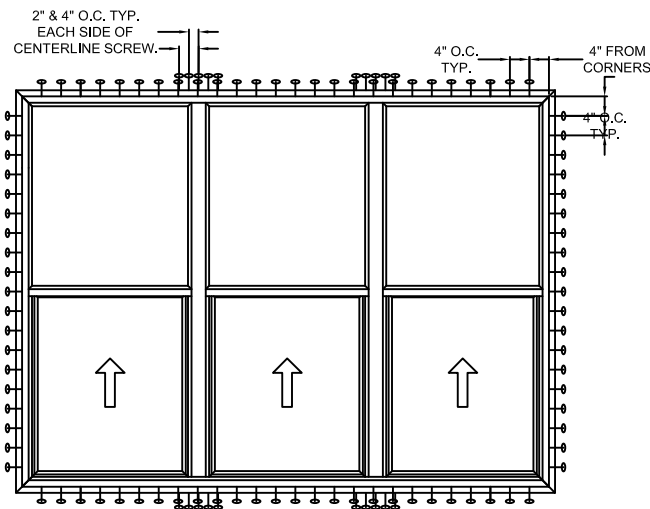
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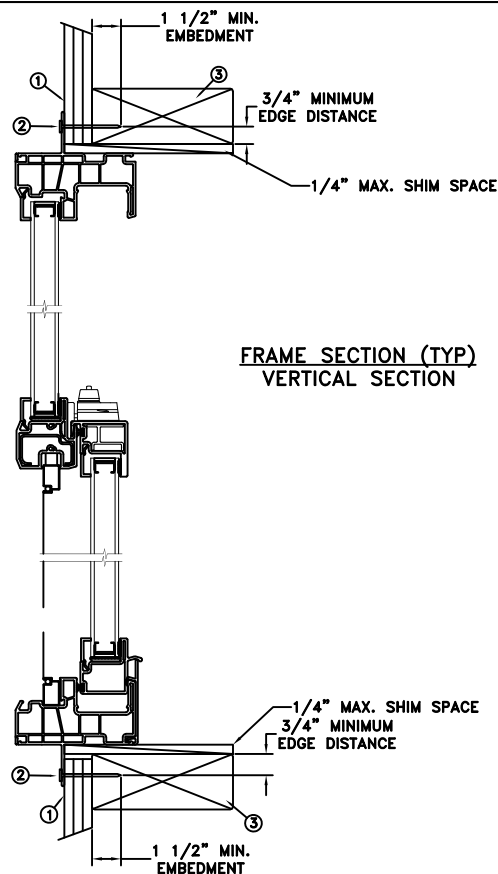


MICAH SWARTZ, P.E. 02/20/26  
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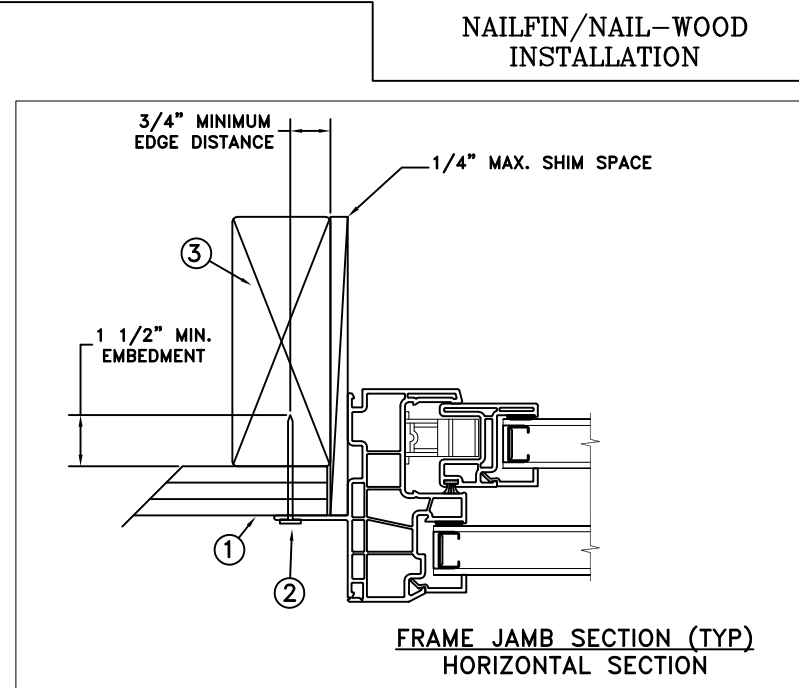
|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| DATE:<br>02/16/2026            | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |
| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| RECORD NO.:<br>D011889         | CAD DWG. No.:<br>—                                                                      |
| REPORT NO.:<br>f4268.01-301-47 |                                                                                         |
| REV:<br>E                      | SHEET<br>1 of 10                                                                        |



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use 6d x 2" fastener through the nailing flange with sufficient length to penetrate a minimum of 1-1/2" into the wood framing. For 2x wood frame substrate (min. S.G. = 0.42).
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

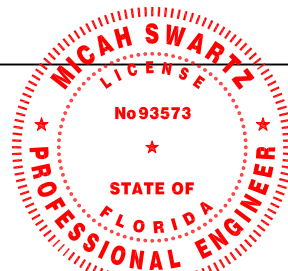
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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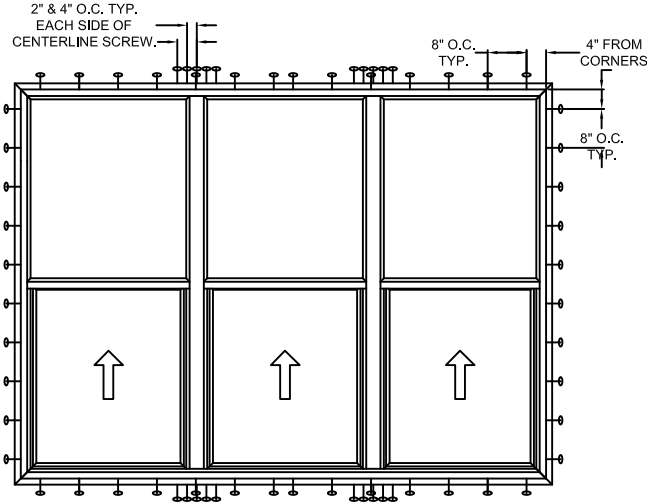
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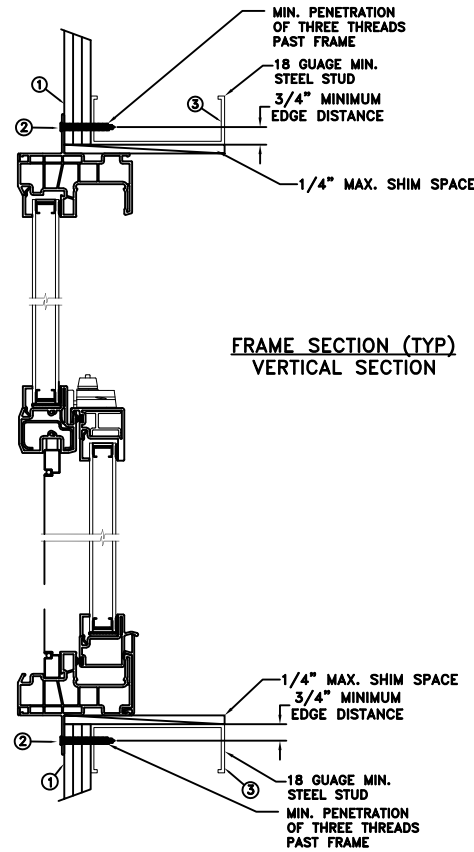


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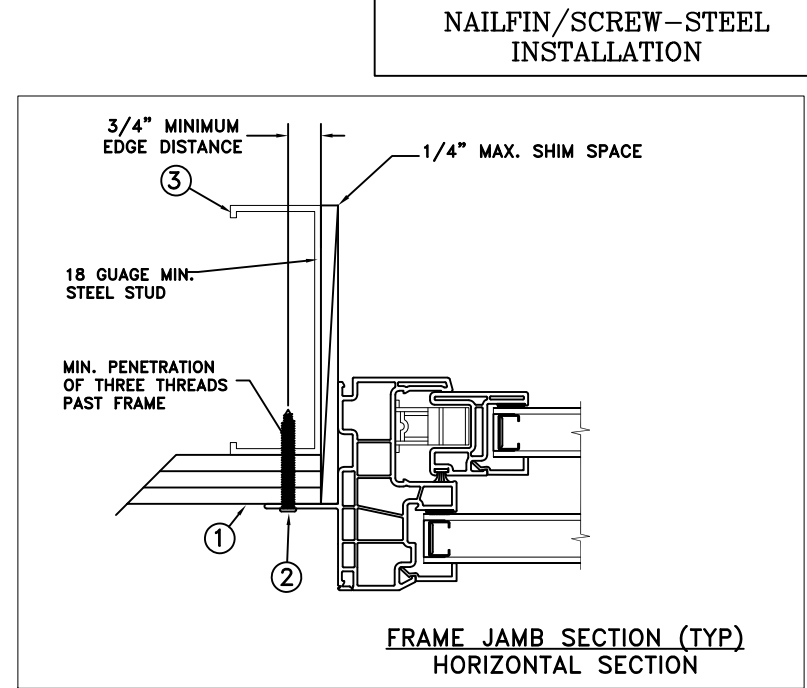
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|--------------------------------|-----------------------------------------------------------------------------------------|
| DATE:<br>02/16/2026            | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |
| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                    |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| RECORD NO.:<br>D011889         | CAD DWG. No.:<br>—                                                                      |
| REPORT NO.:<br>f4268.01-301-47 |                                                                                         |
| REV:<br>E                      | SHEET<br>2 of 10                                                                        |



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. For anchoring through nailfin into metal framing use #10 TEK Self-Tapping screws with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksi.
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

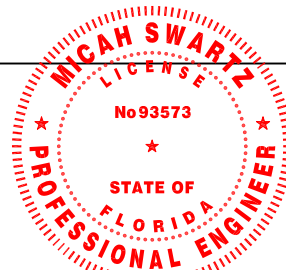
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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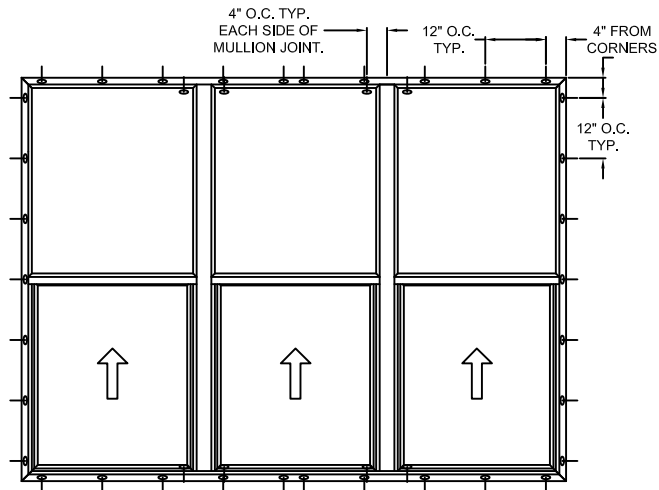
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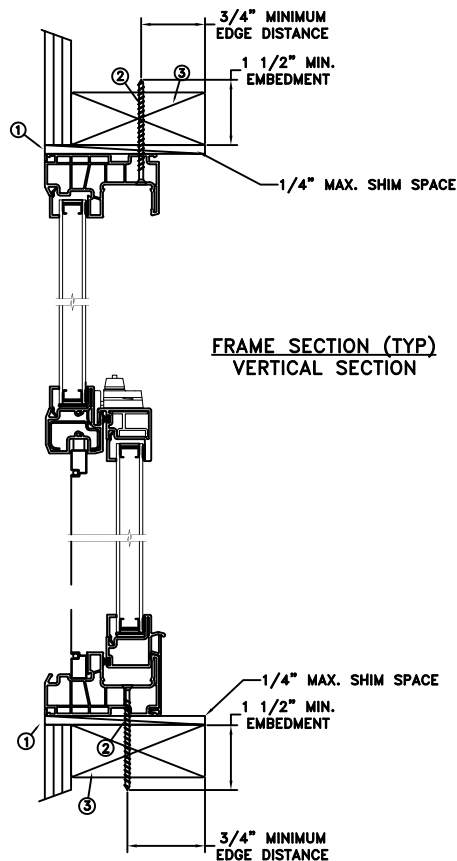


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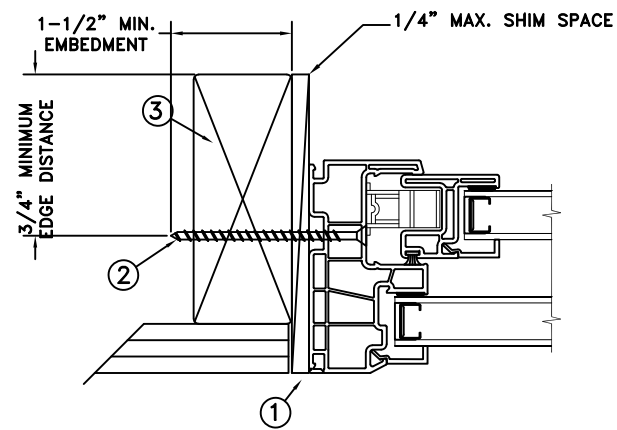
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|--------------------------------|-----------------------------------------------------------------------------------------|
| DATE:<br>02/16/2026            | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |
| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| RECORD NO.:<br>D011889         | CAD DWG. No.:<br>—                                                                      |
| REPORT NO.:<br>f4268.01-301-47 |                                                                                         |
| REV:<br>E                      | SHEET<br>3 of 10                                                                        |



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fasteners are used to anchor the sill (typical).
2. Use #8 PH or greater fastener through the head & side jambs with sufficient length to penetrate a minimum of 1-1/2" into the wood framing. For 2x wood frame substrate (min. S.G. = 0.42).
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

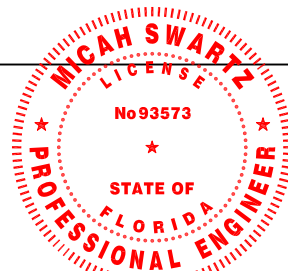
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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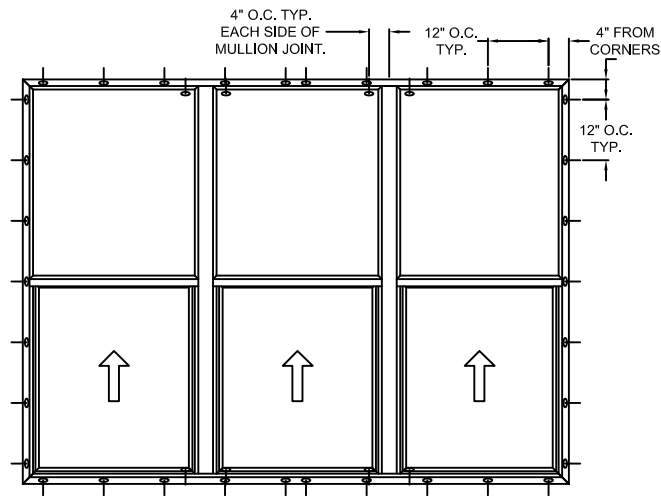
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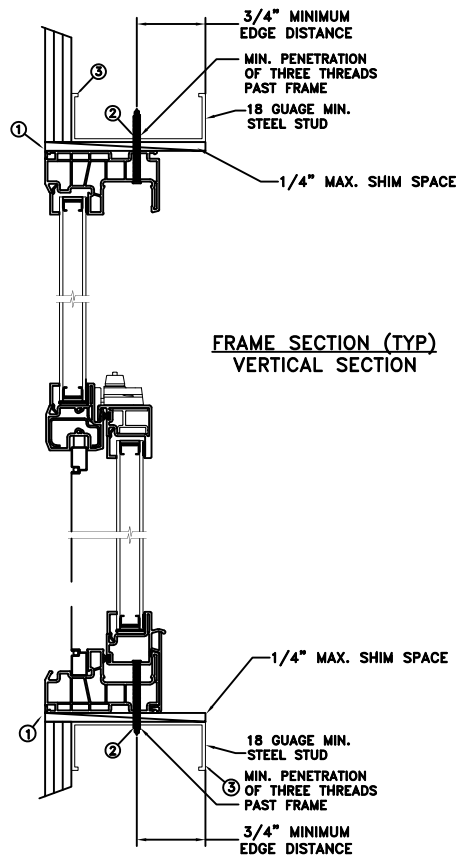


MICAH SWARTZ, P.E. 02/20/26  
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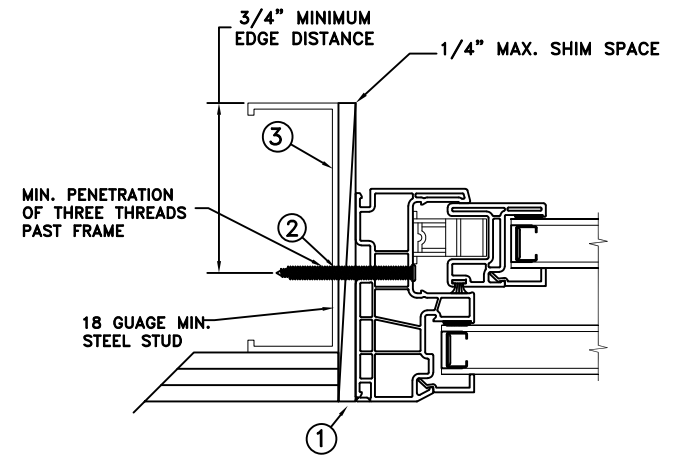
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|--------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------|
|                                | DATE:<br>02/16/2026                                                      | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                            |                                                                                         |               |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX |                                                                                         |               |
| APPROVED BY:<br>J.GOOSSEN      |                                                                          |                                                                                         |               |
| RECORD NO.:<br>D011889         |                                                                          |                                                                                         |               |
| REPORT NO.:<br>f4268.01-301-47 | CAD DWG. No.:<br>—                                                       | REV: E                                                                                  | SHEET 4 of 10 |



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. For anchoring through head and side jambs into metal framing use #10 TEK Self-Tapping screws with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18ga.,  $f_y = 33$  ksi.
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

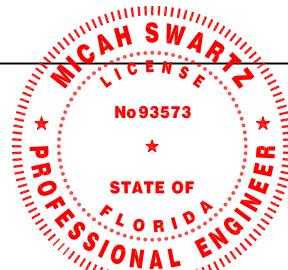
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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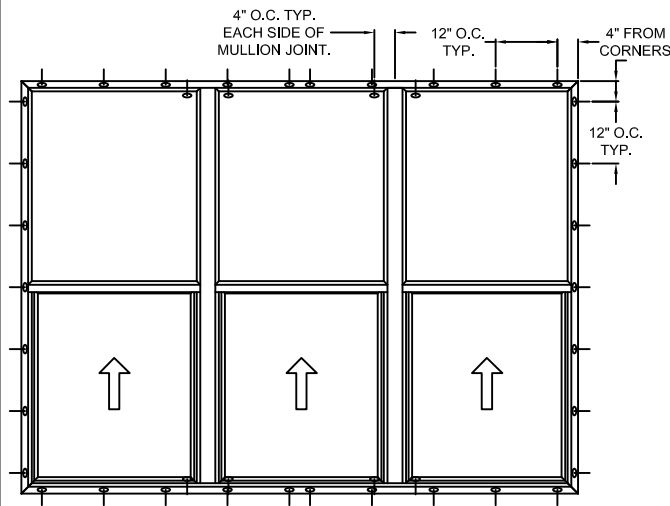
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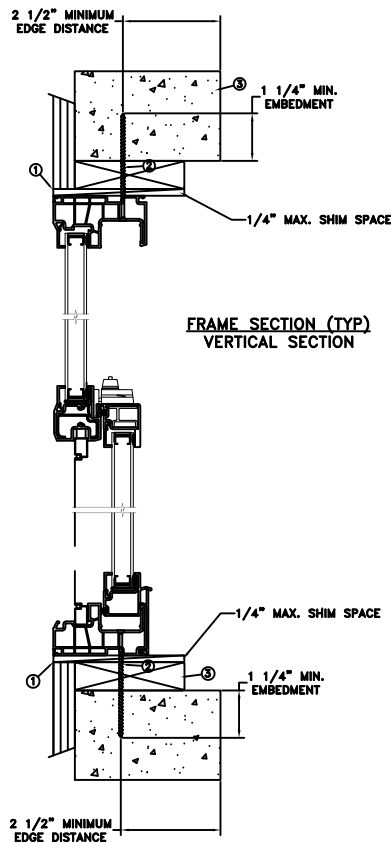


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PE No. 93573  
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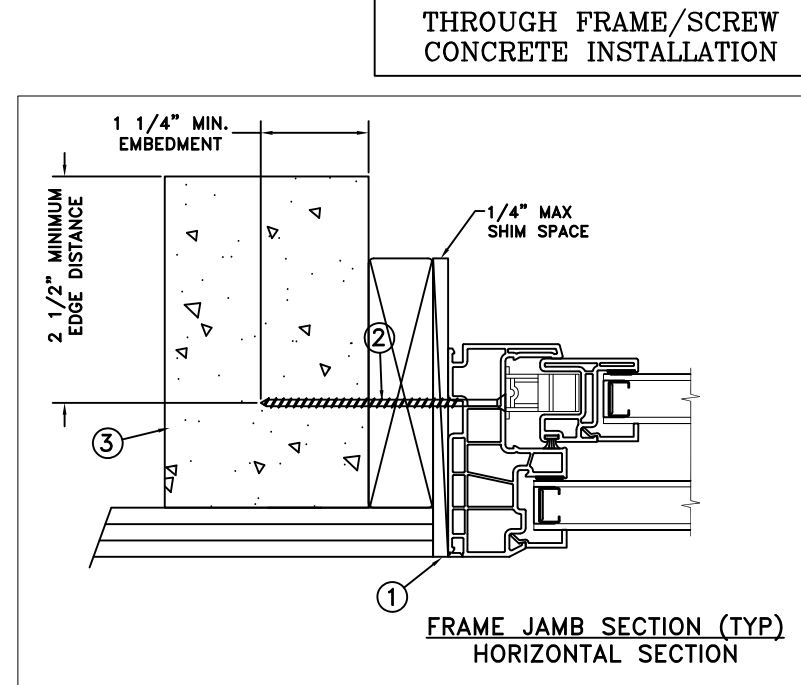
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|--------------------------------|-----------------------------------------------------------------------------------------|
| DATE:<br>02/16/2026            | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |
| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| REPORT NO.:<br>f4268.01-301-47 | RECORD NO.:<br><b>D011889</b>                                                           |
| CAD DWG. No.:                  | REV: E                                                                                  |
| SHEET                          | 5 of 10                                                                                 |



**TYPICAL ELEVATION WITH FASTENER SPACING**



**FRAME SECTION (TYP)  
VERTICAL SECTION**



**THROUGH FRAME/SCREW  
CONCRETE INSTALLATION**

**FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION**

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use 3/16" Tapcon or equivalent fasteners through the head and side jambs with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. For concrete (min.  $f_c = 3000$  psi) or masonry substrate (CMU shall be ASTM C90).
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

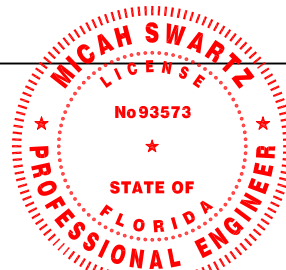
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.

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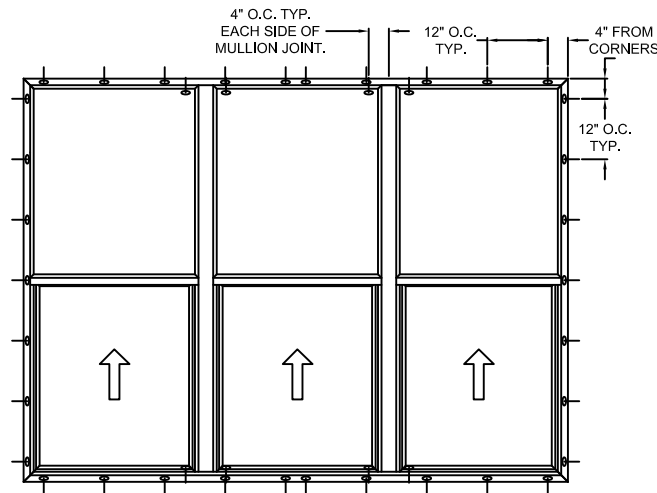
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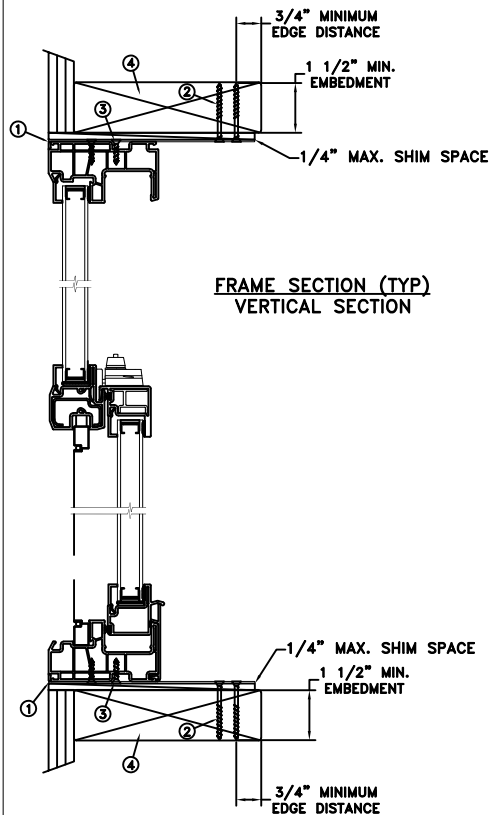
**MICAH SWARTZ, P.E.** 02/20/26  
 PE No. 93573  
 5134 Cambridge Ct.  
 Klamath Falls, OR. 97603  
 (541) 363-8075

|                                |                                                                          |                                                                                       |  |                         |               |
|--------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|-------------------------|---------------|
|                                | DATE:<br>02/16/2026                                                      |  |  | 3737 LAKEPORT BLVD.     |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                            |                                                                                       |  | KLAMATH FALLS OR, 97601 |               |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX |                                                                                       |  |                         |               |
| APPROVED BY:<br>J.GOOSSEN      |                                                                          |                                                                                       |  |                         |               |
| RECORD NO.:<br>D011889         |                                                                          |                                                                                       |  |                         |               |
| REPORT NO.:<br>f4268.01-301-47 |                                                                          | CAD DWG. No.:<br>—                                                                    |  | REV: E                  | SHEET 6 of 10 |

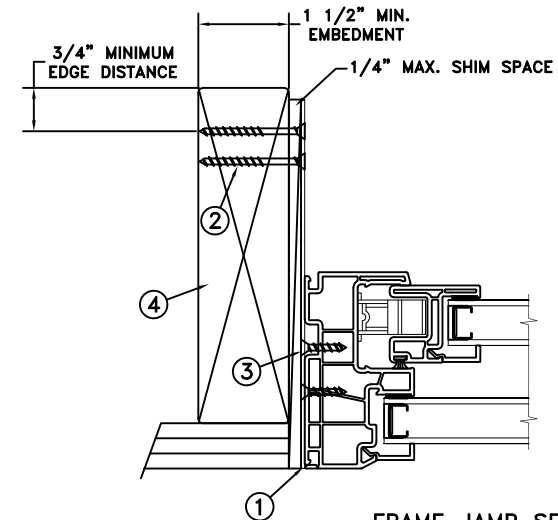
# MASONRY STRAP WOOD/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

## Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use two (2) - #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1-1/2" into the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use two (2) - #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visibility or collateral damage to product.
4. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

## General Notes:

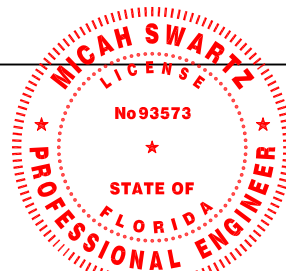
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036 min. thickness x 1.5" min. width.

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## DISCLAIMER:

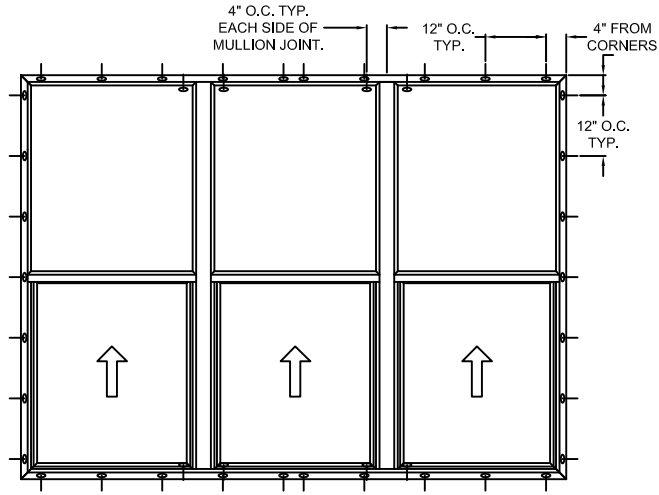
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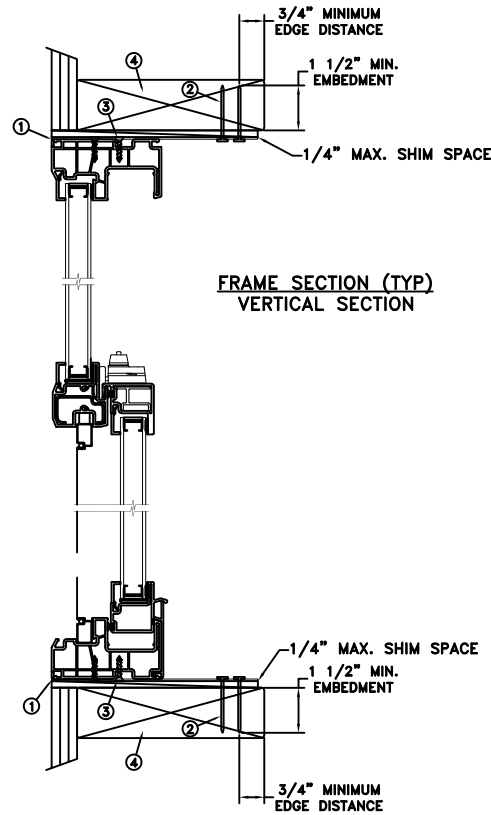
MICAH SWARTZ, P.E. 02/20/26  
PE No. 93573  
5134 Cambridge Ct.  
Klamath Falls, OR. 97603  
(541) 363-8075

|                                |                                                                          |                    |                                                  |               |
|--------------------------------|--------------------------------------------------------------------------|--------------------|--------------------------------------------------|---------------|
|                                | DATE:<br>02/16/2026                                                      | <b>JELD-WEN</b>    | 3737 LAKEPORT BLVD.                              |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                            |                    | KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |               |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX |                    |                                                  |               |
| APPROVED BY:<br>J.GOOSSEN      |                                                                          |                    |                                                  |               |
| RECORD NO.:<br>D011889         |                                                                          |                    |                                                  |               |
| REPORT NO.:<br>f4268.01-301-47 |                                                                          | CAD DWG. No.:<br>— | REV: E                                           | SHEET 7 of 10 |

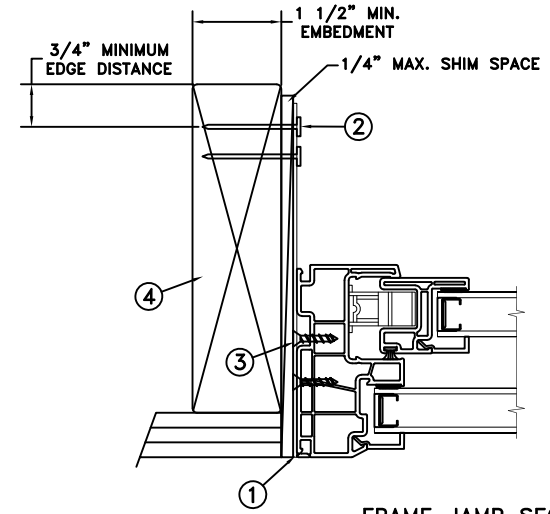
# MASONRY STRAP WOOD/NAIL INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

## Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use two (2) - 6d x 2" fasteners through masonry strap with sufficient length to penetrate a minimum of 1-1/2" into the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use two (2) - #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visibility or collateral damage to product.
4. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

## General Notes:

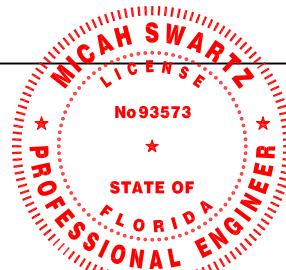
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036 min. thickness x 1.5" min. width.

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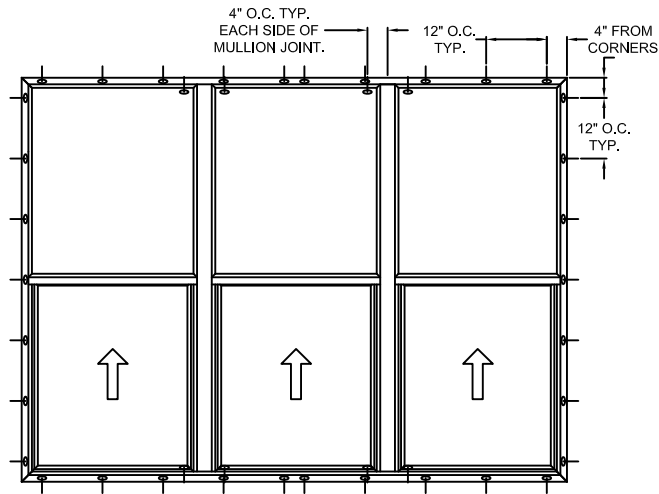
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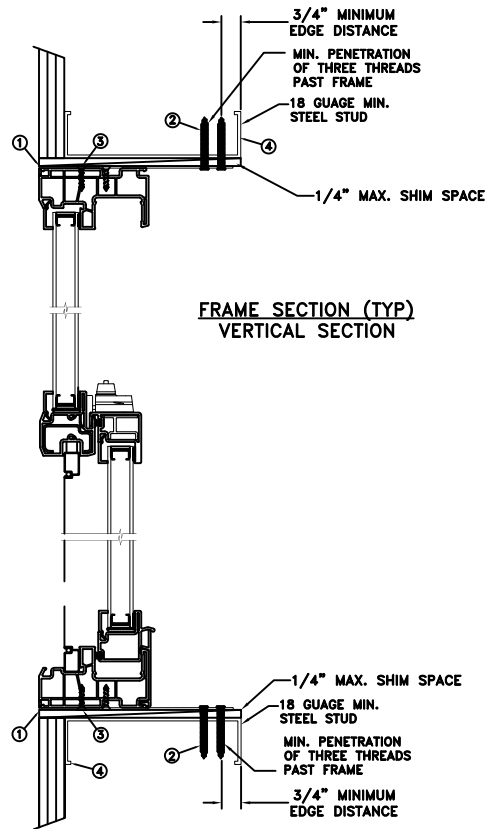


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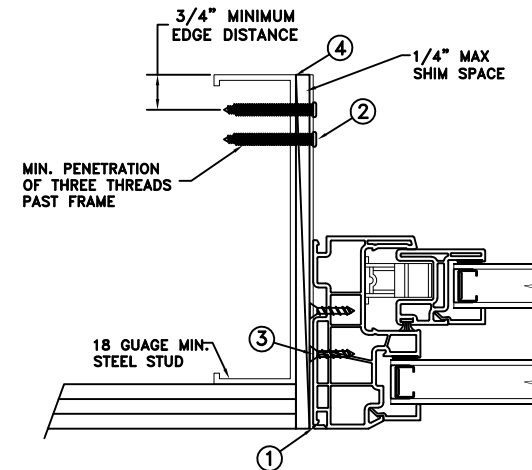
|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| DATE:<br>02/16/2026            | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |
| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| RECORD NO.:<br>D011889         | CAD DWG. No.:<br>—                                                                      |
| REPORT NO.:<br>f4268.01-301-47 |                                                                                         |
| REV:<br>E                      | SHEET<br>8 of 10                                                                        |



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

#### Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use two (2) - #10 TEK Self-Tapping or larger screws through masonry strap with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksi.
3. Use two (2) - #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visibility or collateral damage to product.
4. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

#### General Notes:

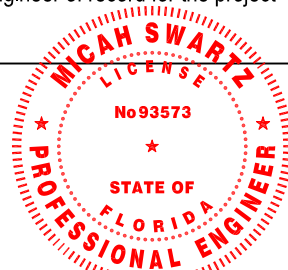
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036 min. thickness x 1.5" min. width.

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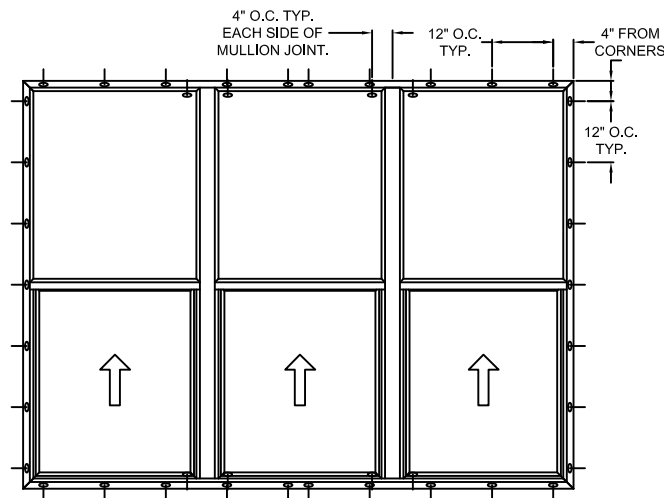
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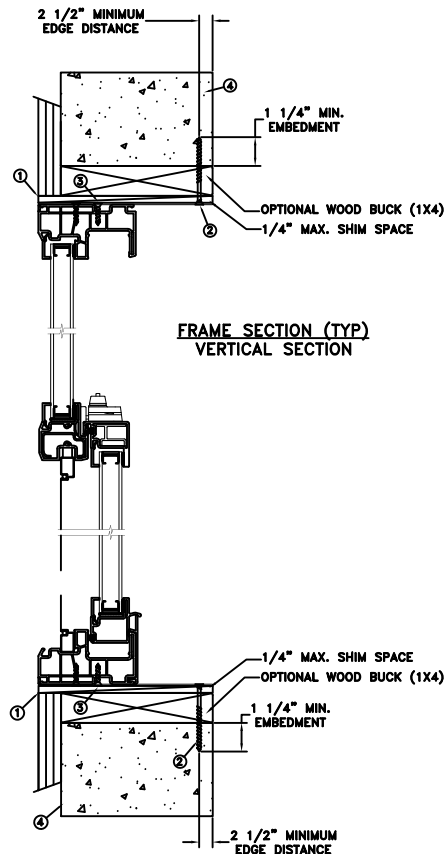
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| DRAWN BY:<br>M.HAM             |                                                                                         |
| CHECKED BY:<br>M.HAM           | TITLE:<br><br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX                |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                         |
| RECORD NO.:<br>D011889         | CAD DWG. No.:<br>—                                                                      |
| REPORT NO.:<br>f4268.01-301-47 |                                                                                         |
| REV:<br>E                      | SHEET<br>9 of 10                                                                        |

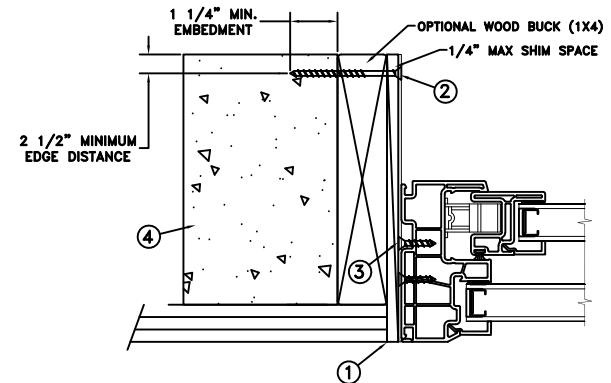
# MASONRY STRAP CONCRETE SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 108" x 80"    | +50/-55 | NO     |

## Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use one (1) - 3/16" Tapcon or equivalent fasteners through masonry strap with sufficient length to penetrate a minimum of 1-1/4" into the buck or concrete. For 2x wood frame substrate (min. S.G. = 0.42). For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall be ASTM C90).
3. Use two (2) - #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visibility or collateral damage to product.
4. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

## General Notes:

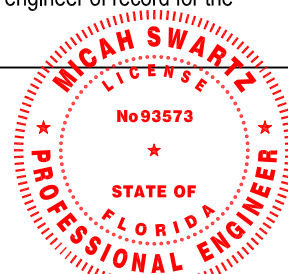
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 13.0mm airspace - 3.1mm annealed glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036 min. thickness x 1.5" min. width.

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Klamath Falls, OR. 97603  
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|--------------------------------|----------------------------------------------------------------------------------|
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| DRAWN BY:<br>M.HAM             |                                                                                  |
| CHECKED BY:<br>M.HAM           | TITLE:<br>Premium (V-4500) Vinyl Single Hung Side Load<br>3 Wide XXX             |
| APPROVED BY:<br>J.GOOSSEN      |                                                                                  |
| REPORT NO.:<br>f4268.01-301-47 | CAD DWG. No.:<br>—                                                               |
| RECORD NO.:<br>D011889         | REV: E SHEET 10 of 10                                                            |