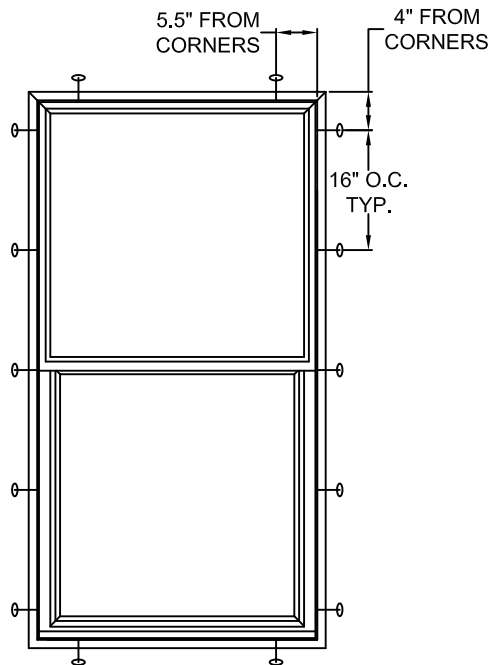
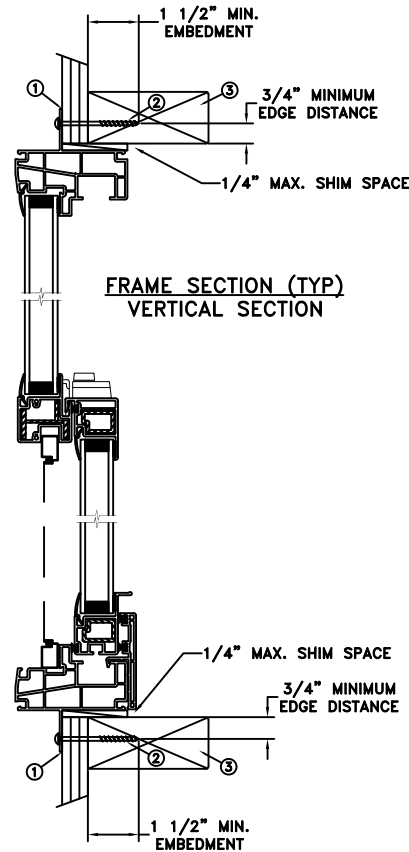
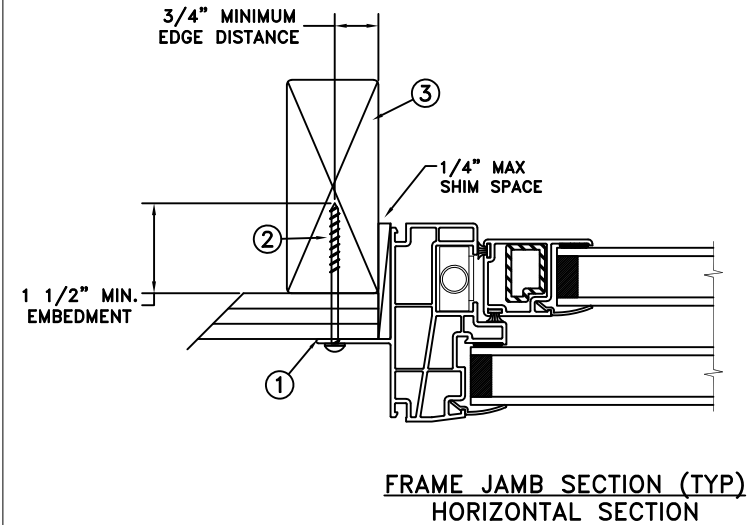




TYPICAL ELEVATION WITH FASTENER SPACING



**NAILFIN/SCREW – WOOD
INSTALLATION**



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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 #10 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 3.0mm annealed - 16.0mm airspace - 3.0mm annealed glass.
4. Use structural or composite shims where required.

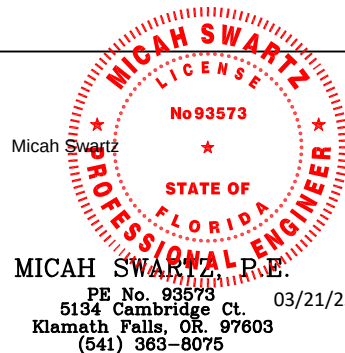
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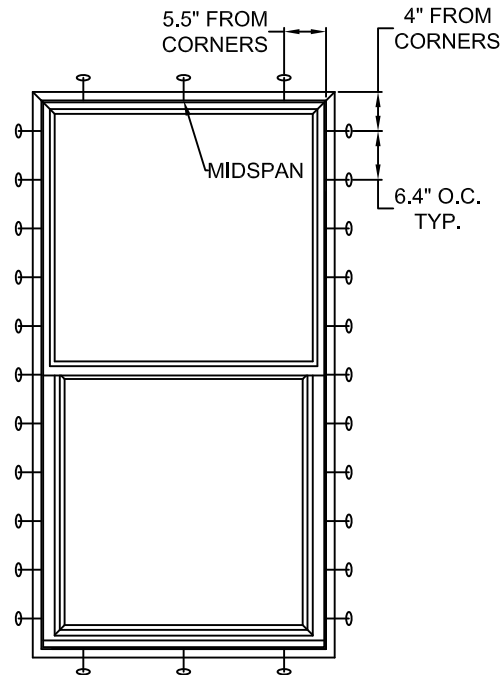
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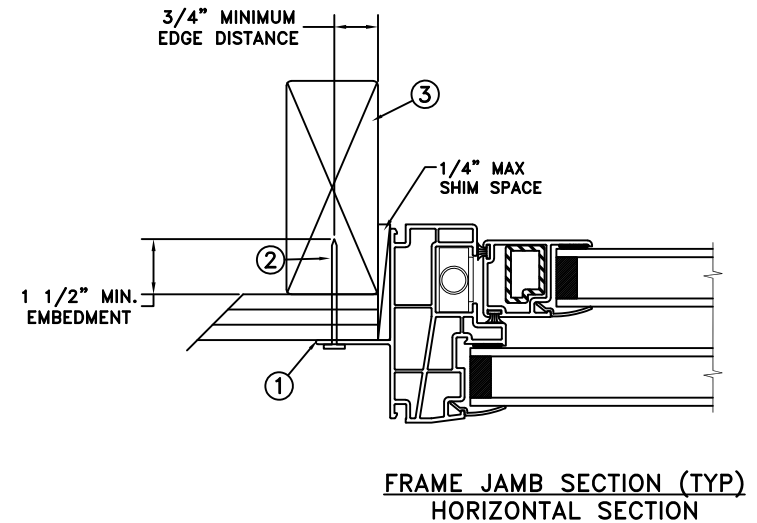
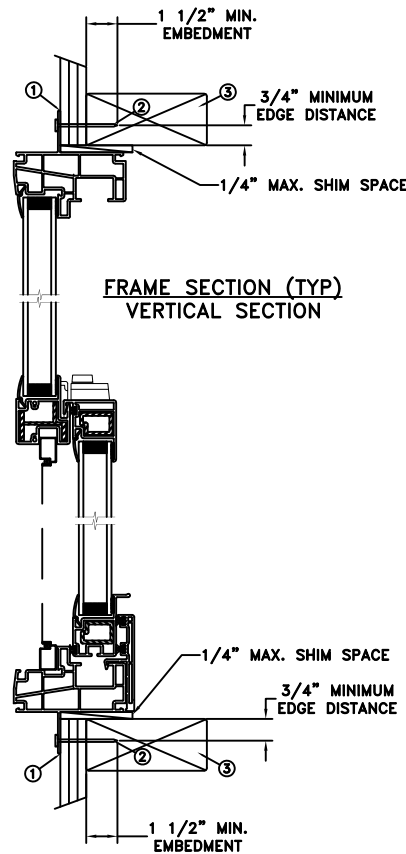


	DATE: 02/14/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS	
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt	
APPROVED BY: J.GOOSSEN		
RECORD No.: D014587		
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A SHEET 1 of 10

NAILFIN/NAIL-WOOD INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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 3.0mm annealed - 16.0mm airspace - 3.0mm annealed glass.
4. Use structural or composite shims where required.

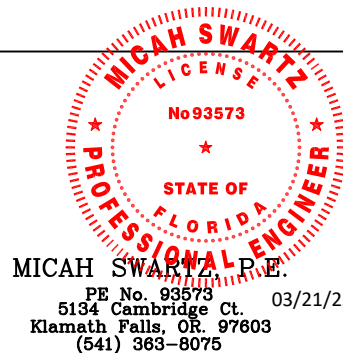
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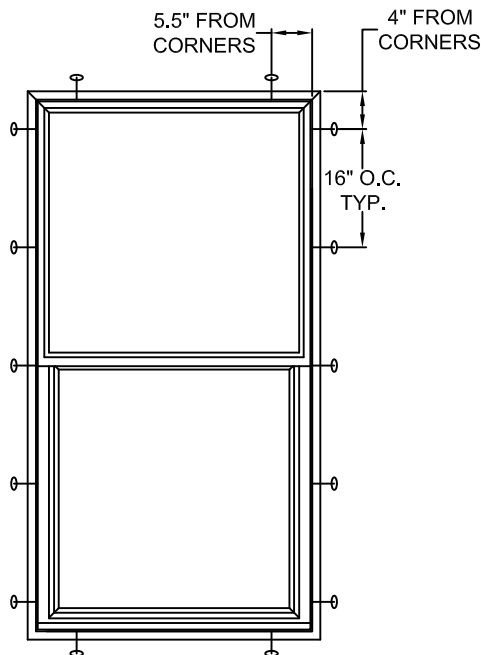
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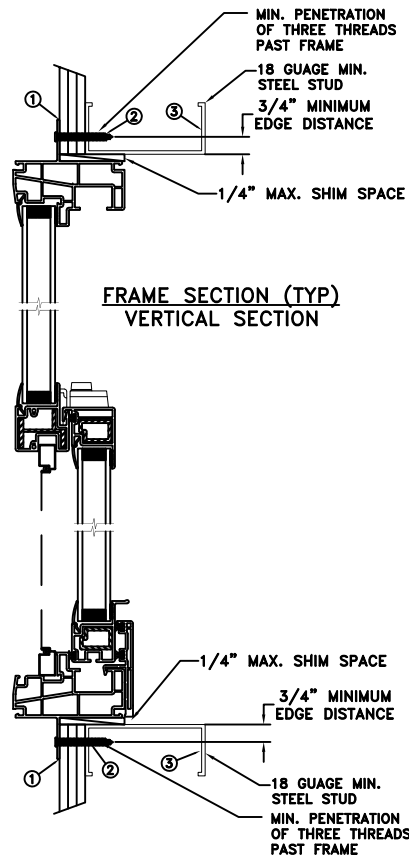
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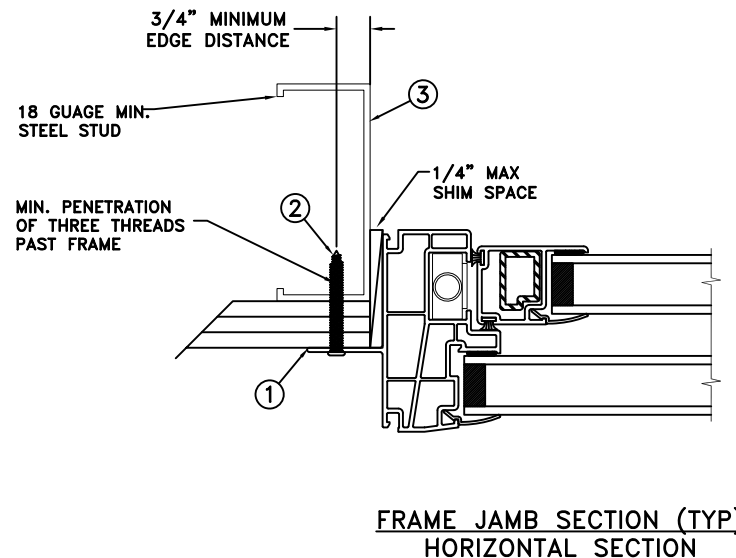
	DATE: 02/14/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM	SCALE: NTS		
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt		
APPROVED BY: J.GOOSSEN			
RECORD No.: D014587			
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 2 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



**NAILFIN/SCREW-STEEL
INSTALLATION**



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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:

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 3.0mm annealed - 16.0mm airspace - 3.0mm annealed glass.
4. Use structural or composite shims where required.

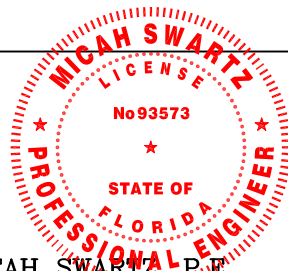
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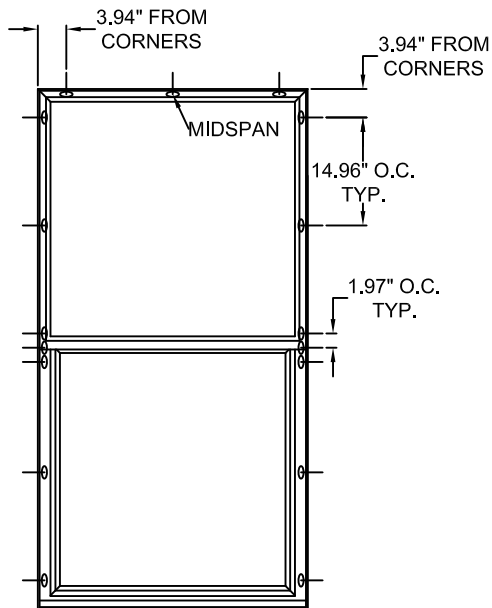
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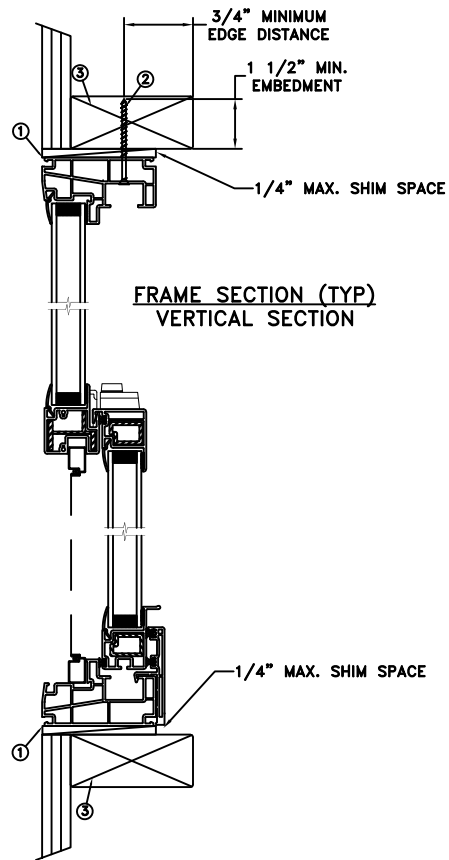


MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

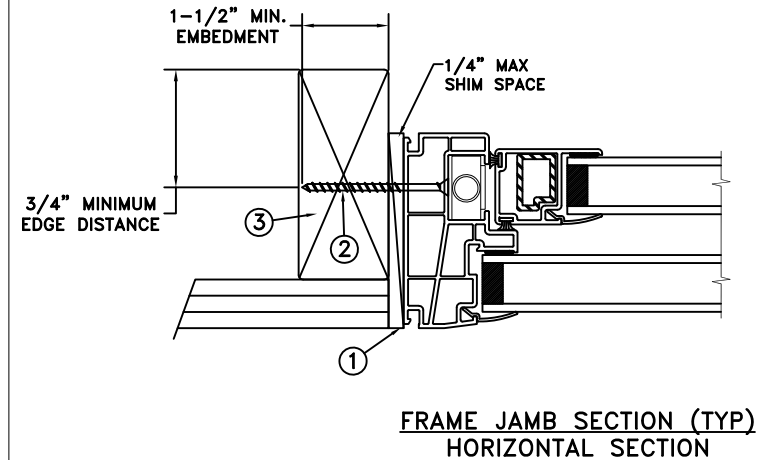
	DATE: 02/14/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936			
DRAWN BY: M.HAM	SCALE: NTS				
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt				
APPROVED BY: J.GOOSSEN					
RECORD No.: D014587					
REPORT No.: NCTL-210-3877-1A		CAD DWG. No.: —	REV: A	SHEET 3 of 10	



TYPICAL ELEVATION WITH FASTENER SPACING



THROUGH FRAME/SCREW WOOD INSTALLATION



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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 #10 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:

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 3.0mm annealed - 16.0mm airspace - 3.0mm annealed glass.
4. Use structural or composite shims where required.

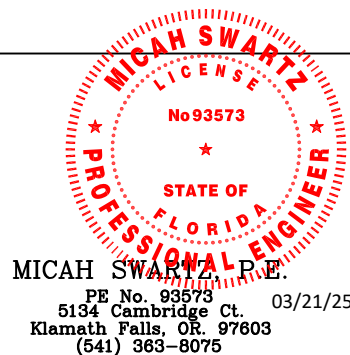
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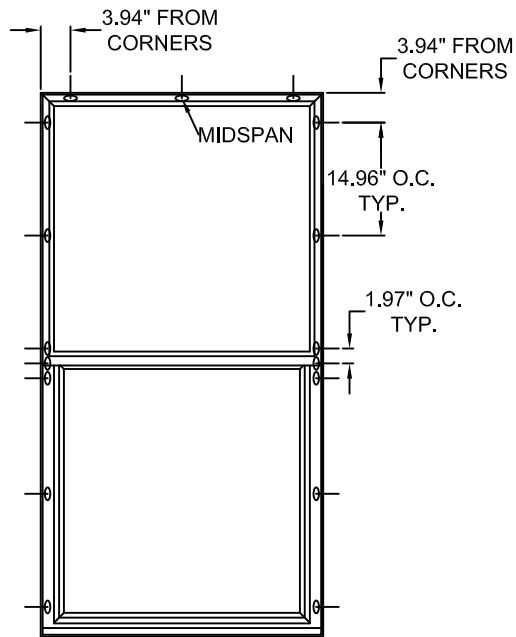
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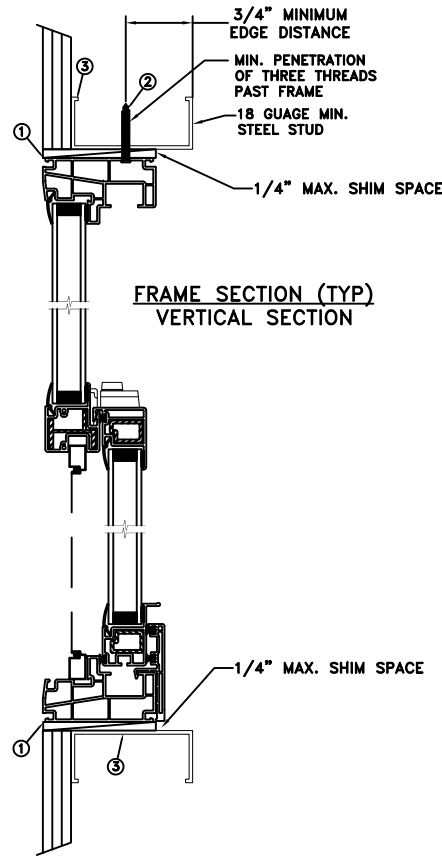
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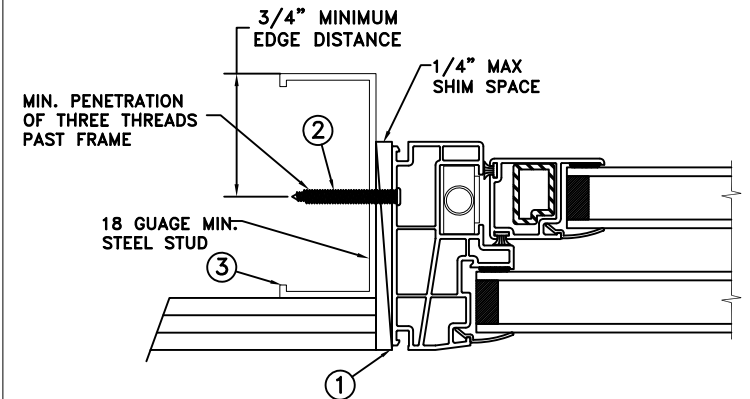
	DATE: 02/14/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM	SCALE: NTS		
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt		
APPROVED BY: J.GOOSSEN			
RECORD No.: D014587			
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 4 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



**FRAME SECTION (TYP)
VERTICAL SECTION**



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

MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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., 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.

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3. At minimum, glazing shall be 3.0mm annealed - 16.0mm airspace - 3.0mm annealed glass.
4. Use structural or composite shims where required.

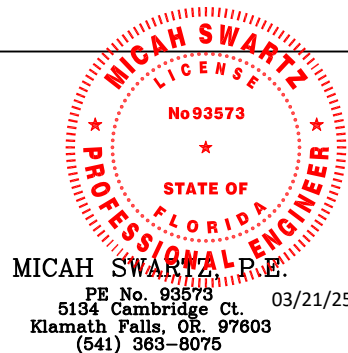
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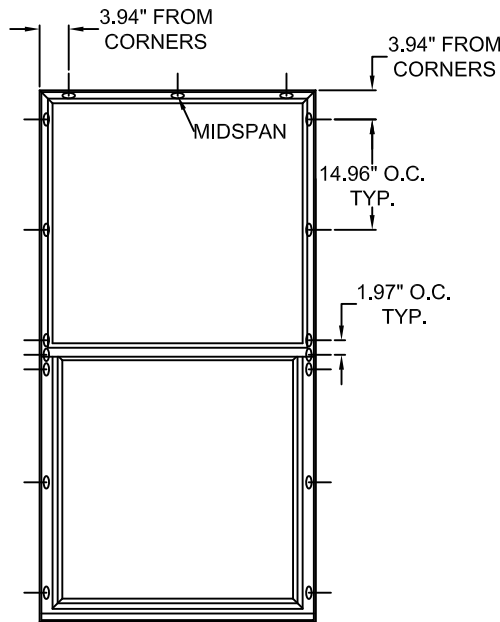
MICAH SWARTZ, P.E.

PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

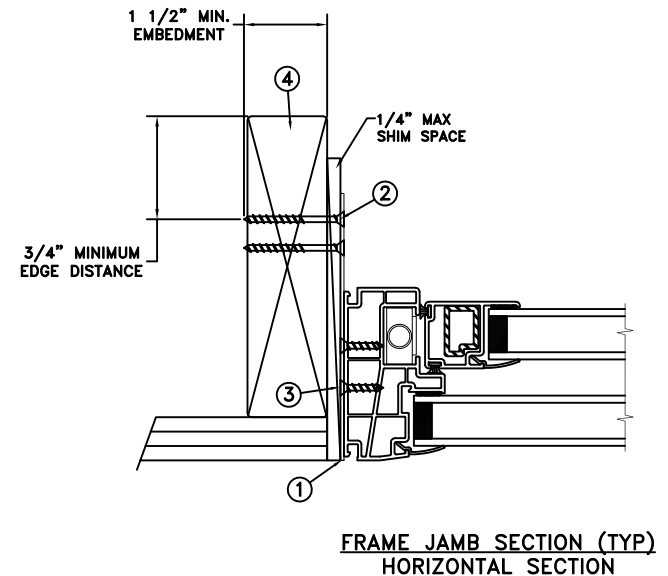
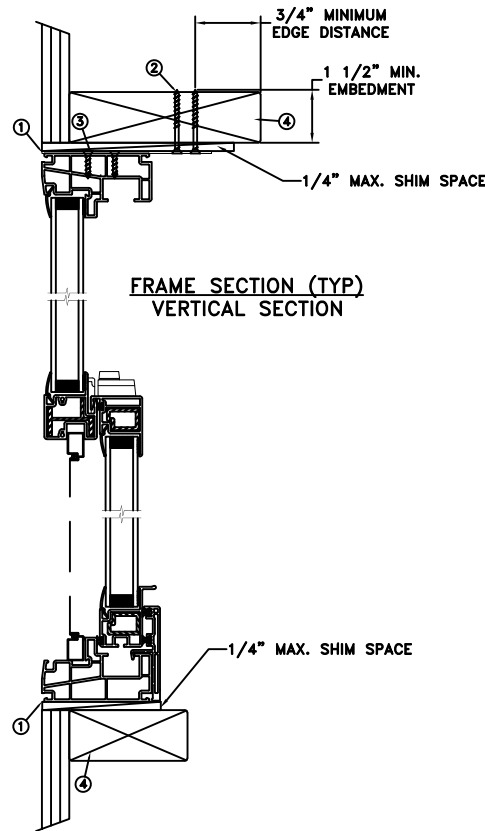
03/21/25

	DATE: 02/14/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: M.HAM	SCALE: NTS			
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt			
APPROVED BY: J.GOOSSEN				
RECORD No.: D014587				
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 5 of 10	

MASONRY STRAP WOOD/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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 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) - #10 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:

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.0mm annealed - 16.0mm airspace - 3.0mm 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.

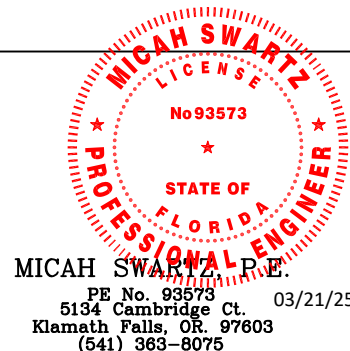
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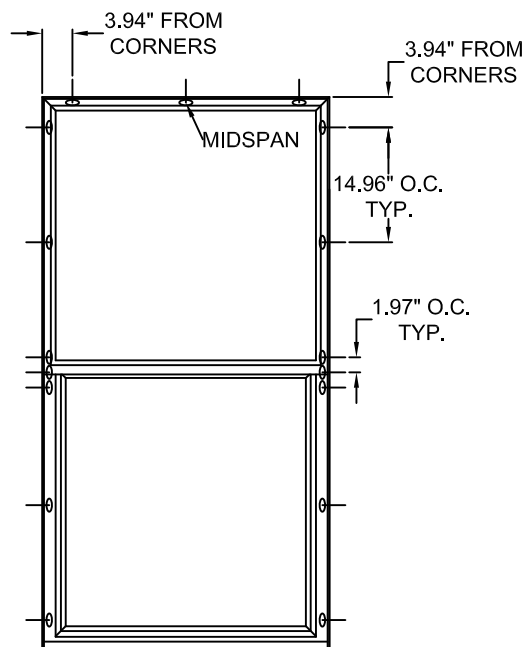


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5134 Cambridge Ct.
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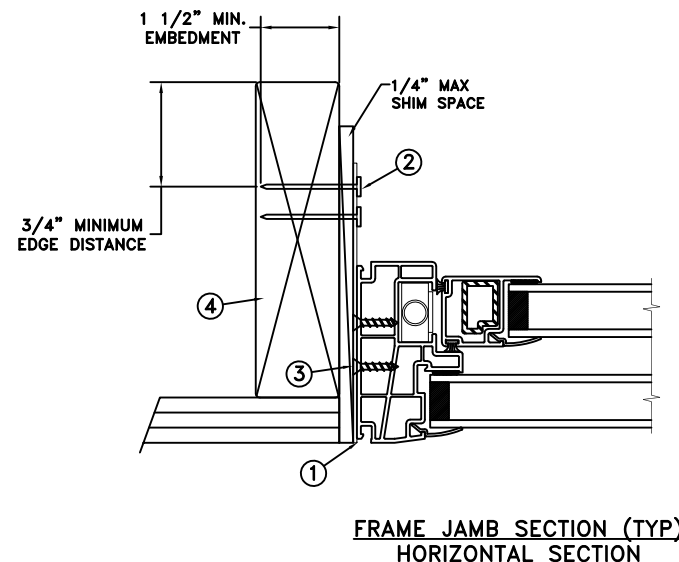
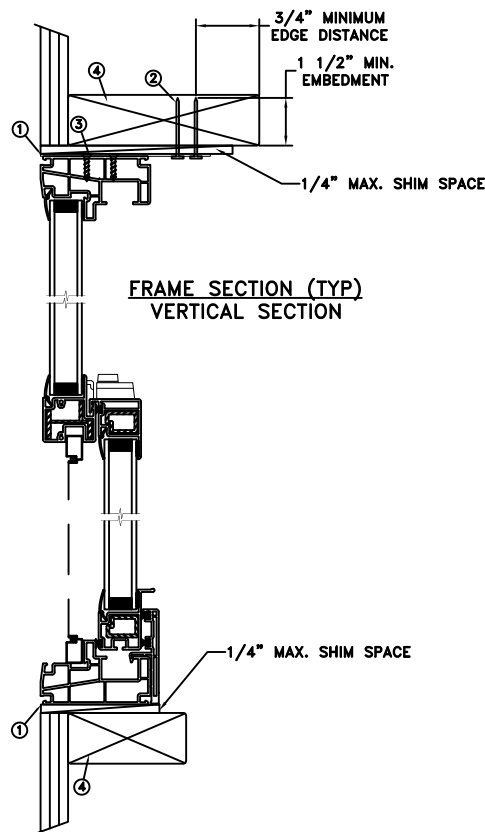
03/21/25

	DATE: 02/14/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM	SCALE: NTS		
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt		
APPROVED BY: J.GOOSSEN			
RECORD No.: D014587			
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 7 of 10

MASONRY STRAP WOOD/NAIL INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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) - #10 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:

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.0mm annealed - 16.0mm airspace - 3.0mm 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.

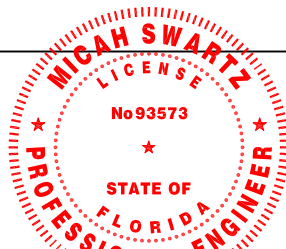
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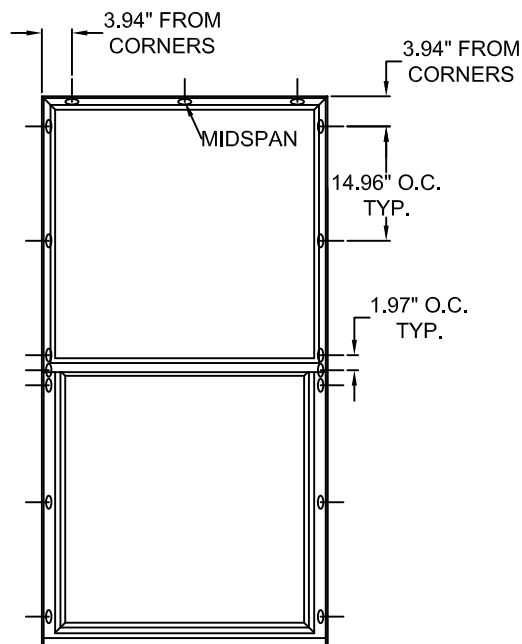
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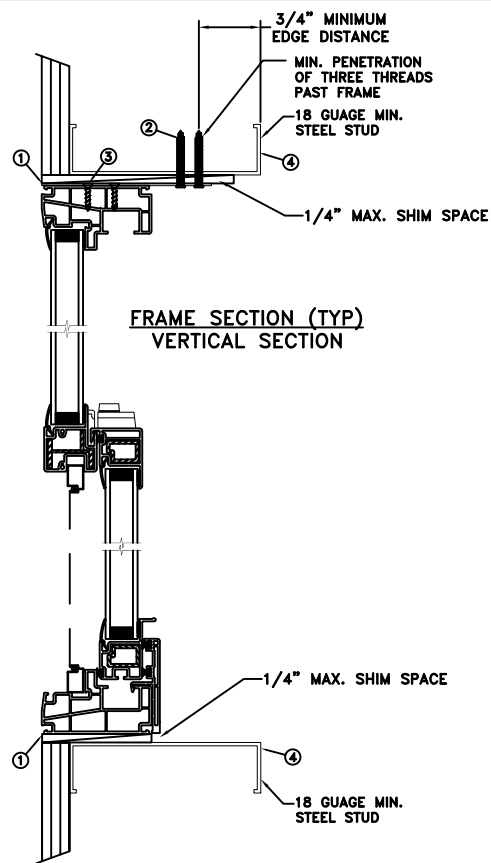


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03/21/25

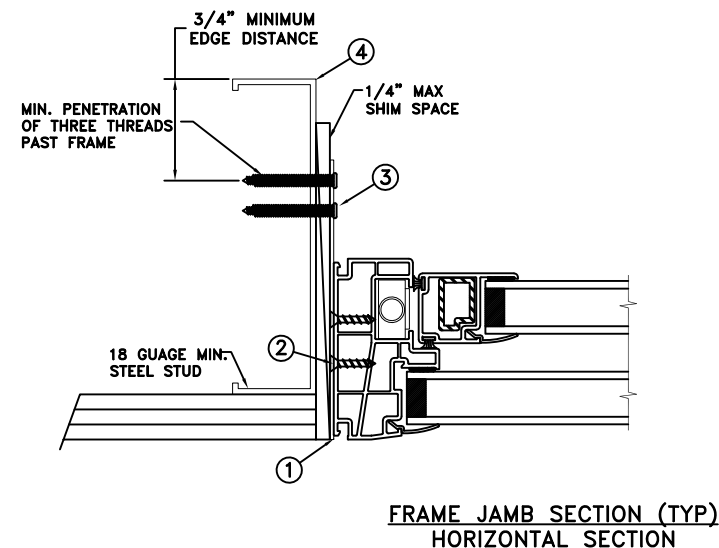
	DATE: 02/14/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: M.HAM	SCALE: NTS			
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt			
APPROVED BY: J.GOOSSEN				
RECORD No.: D014587				
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 8 of 10	



TYPICAL ELEVATION WITH FASTENER SPACING



MASONRY STRAP STEEL/SCREW INSTALLATION



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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., $f_y = 33$ ksi.
3. Use two (2) - #10 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:

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.0mm annealed - 16.0mm airspace - 3.0mm 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.

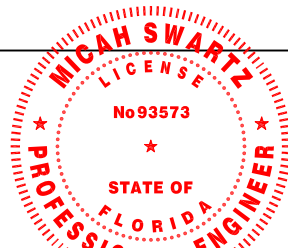
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This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise in different wall conditions. For the complete installation procedure, see the instructions packaged with the unit or go to www.jeld-wen.com.

DISCLAIMER:

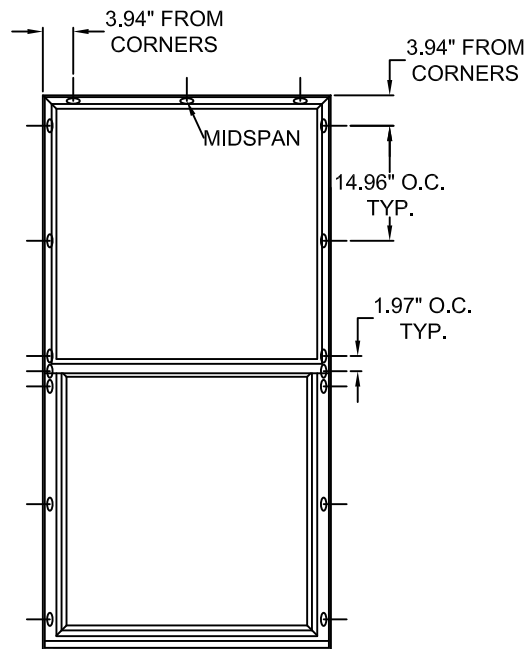
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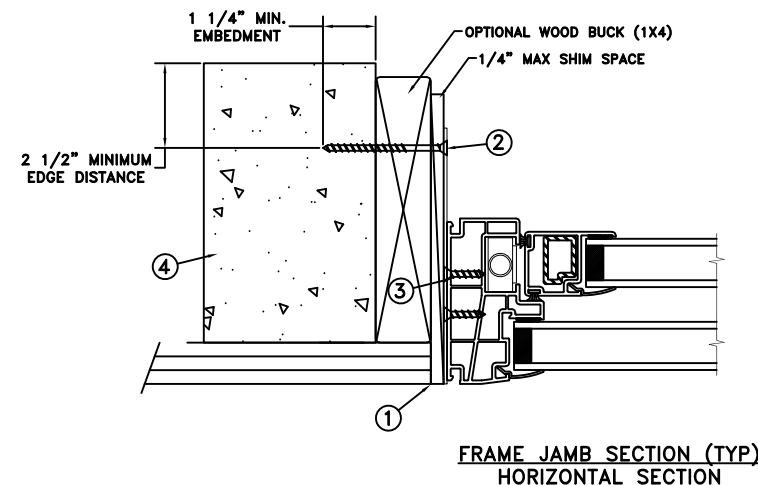
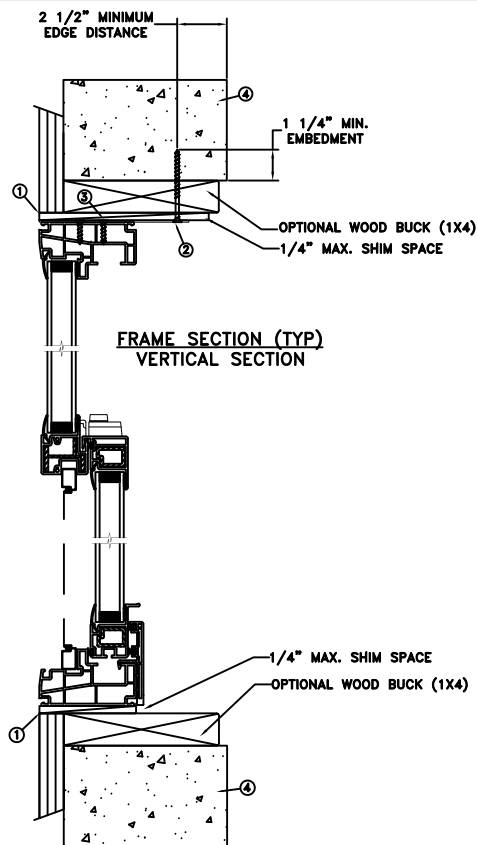
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075
03/21/25

	DATE: 02/14/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: M.HAM	SCALE: NTS			
CHECKED BY: D.BELAU	TITLE: Premium Atlantic Vinyl Single Hung Tilt			
APPROVED BY: J.GOOSSEN				
RECORD No.: D014587				
REPORT No.: NCTL-210-3877-1A	CAD DWG. No.: —	REV: A	SHEET 9 of 10	

MASONRY STRAP CONCRETE SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
36 x 72	+65/-70	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) - 1/4" 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) - #10 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 3.0mm annealed - 16.0mm airspace - 3.0mm 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.

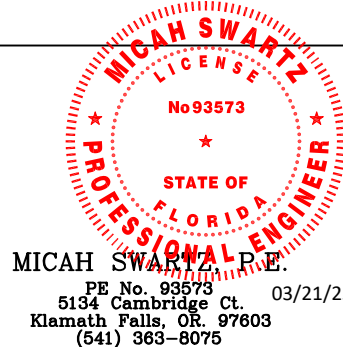
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