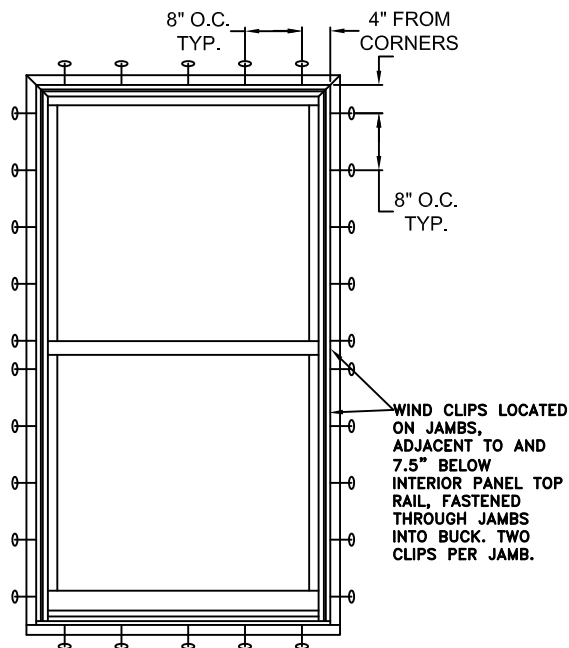
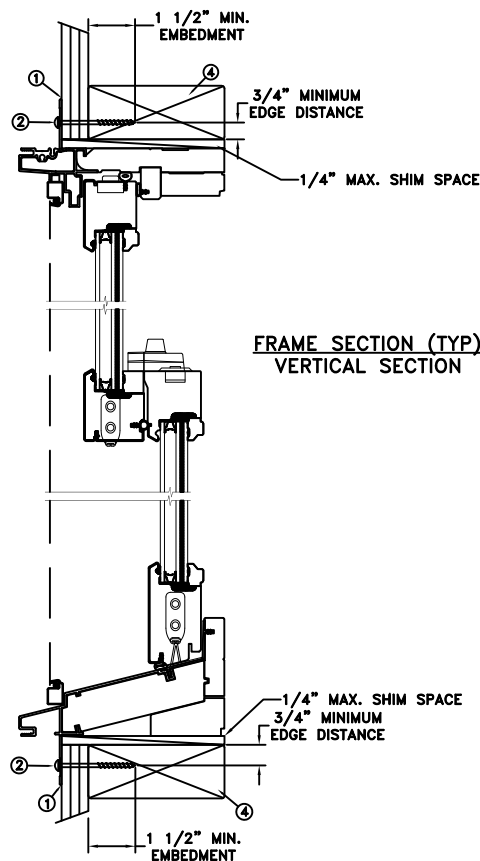
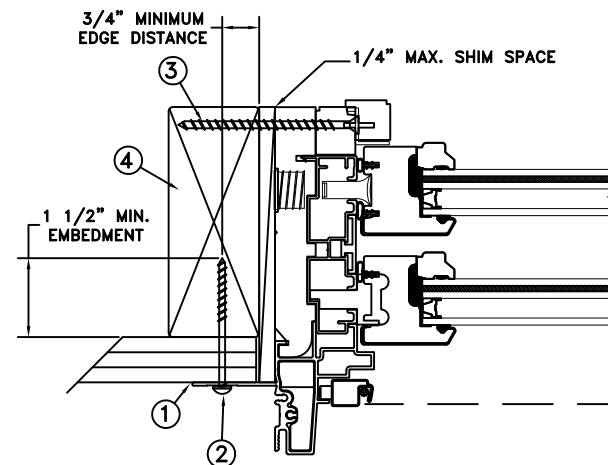




TYPICAL ELEVATION WITH FASTENER SPACING



**FRAME SECTION (TYP)
VERTICAL SECTION**



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

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - #8 x 3" PH fasteners to install wind clips into side jambs with a minimum embedment of 1-1/2" into wood framing with a 3/4" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42).
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:

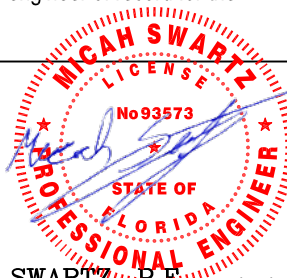
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

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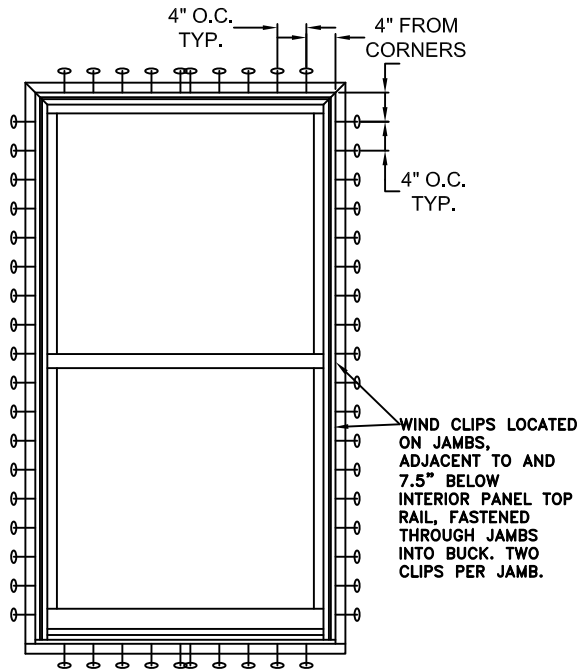
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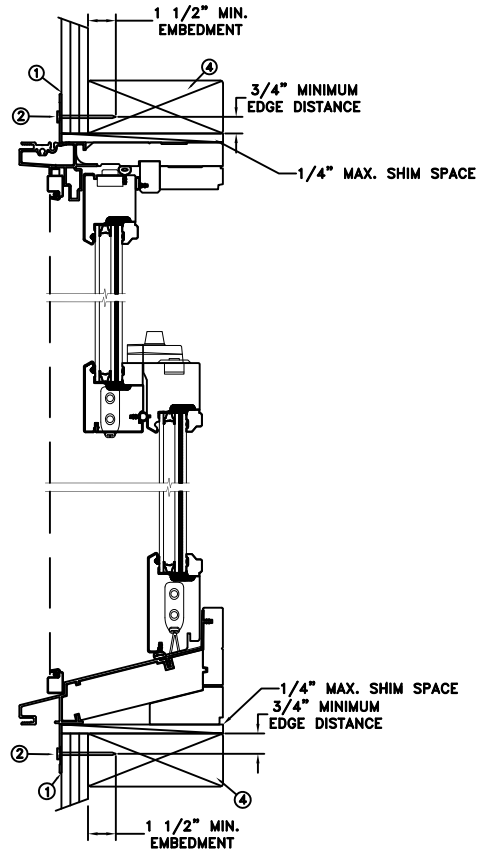


MICAH SWARTZ, P.E. 09/21/25
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

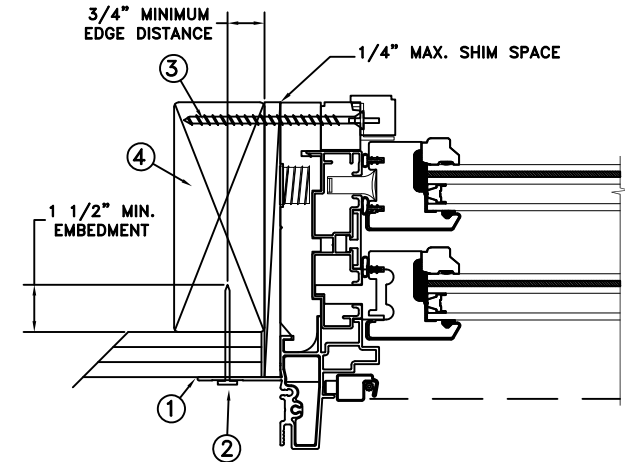
DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM	SCALE: NTS	Custom Clad Wood Single Hung Tilt With Wind Clips
CHECKED BY: M.HAM	TITLE:	
APPROVED BY: J.GOOSSEN	RECORD No.: D004261	
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —	
REV: E	SHEET 1 of 10	



TYPICAL ELEVATION WITH FASTENER SPACING



NAILFIN/NAIL-WOOD INSTALLATION



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

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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 (.113" diameter) x 2" nails through the nailing flange into the wood framing beyond. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use two (2) - #8 x 3" PH fasteners to install wind clips into side jambs with a minimum embedment of 1-1/2" into wood framing with a 3/4" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42).
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:

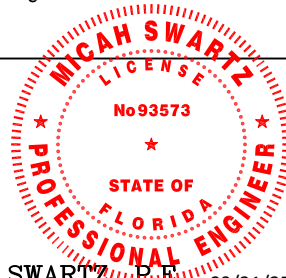
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

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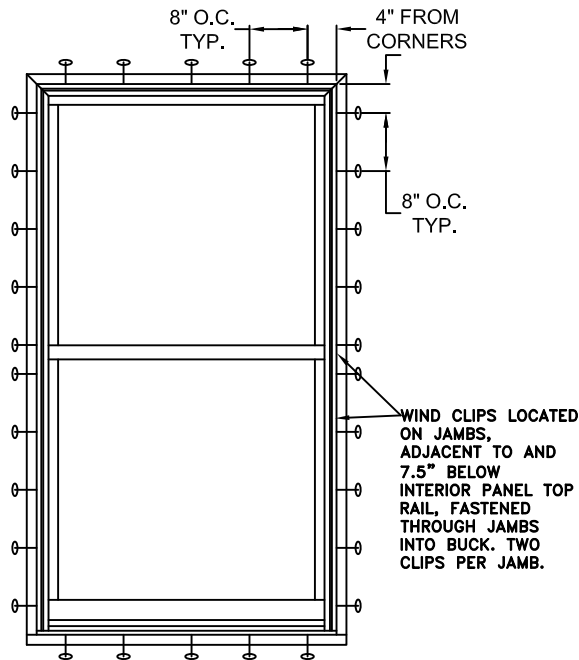
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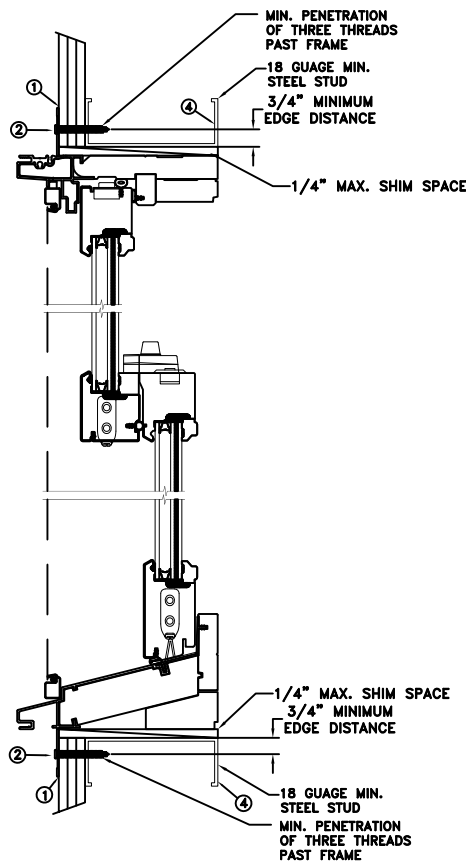


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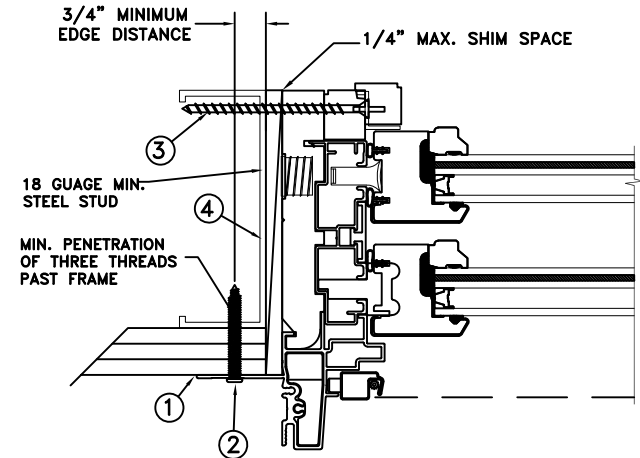
DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		
CHECKED BY: M.HAM	Custom Clad Wood Single Hung Tilt With Wind Clips	
APPROVED BY: J.GOOSSEN		
RECORD No.: D004261		
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —	REV: E SHEET 2 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



NAILFIN/SCREW-STEEL INSTALLATION



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

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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 TEK screws through the nail flange with sufficient length to achieve a minimum penetration of 3 threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksi.
3. Use two (2) - #10 TEK screws to install wind clips into side jambs with sufficient length to achieve a minimum penetration of 3 threads past the frame thickness with a 3/4" min. distance from edge. Steel substrate min. 18ga., fy = 33 ksi.
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:

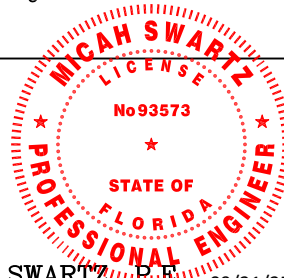
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

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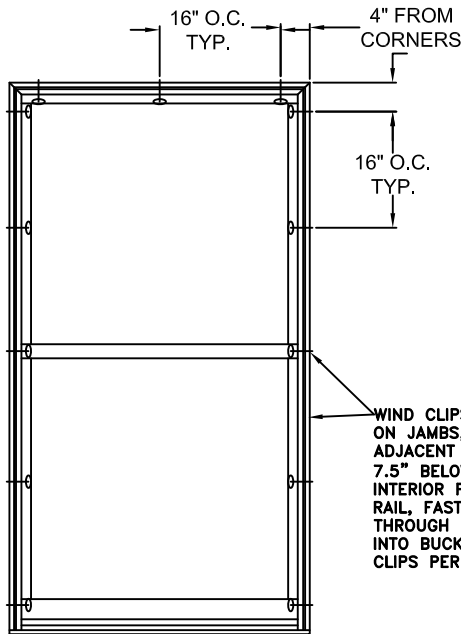
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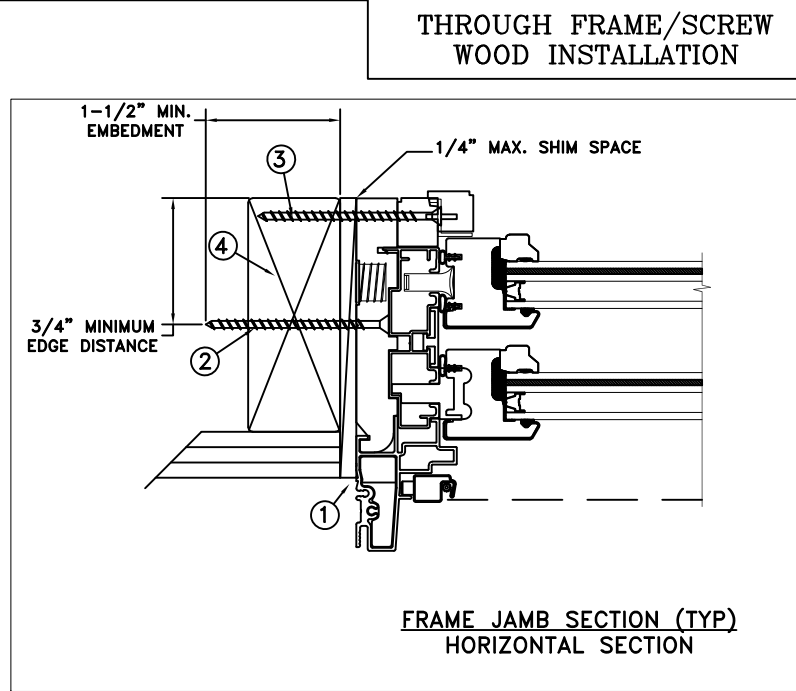
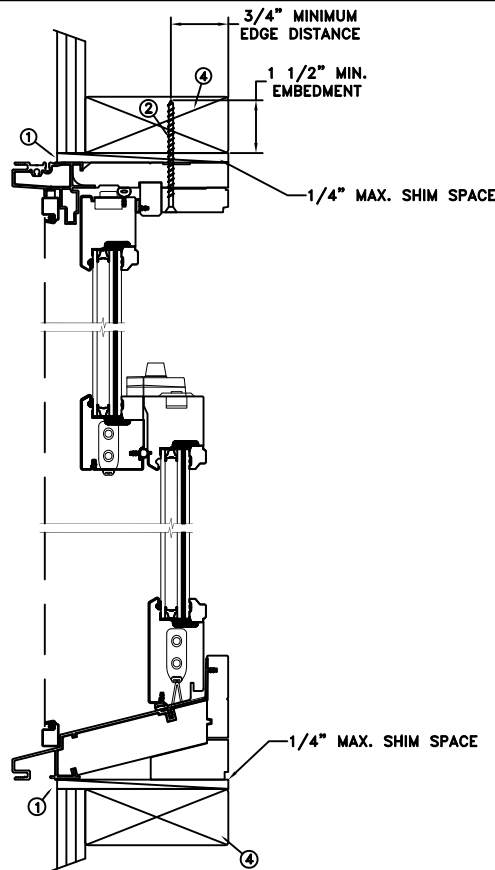


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PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: M.HAM	TITLE: Custom Clad Wood Single Hung Tilt With Wind Clips
APPROVED BY: J.GOOSSEN	
RECORD No.: D004261	REPORT No.: C9773.01-301-44, C9773.02-301-44
CAD DWG. No.: —	
REV: E	SHEET 3 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



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

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - #8 x 3" PH fasteners to install wind clips into side jambs with a minimum embedment of 1-1/2" into wood framing with a 3/4" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42).
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 - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

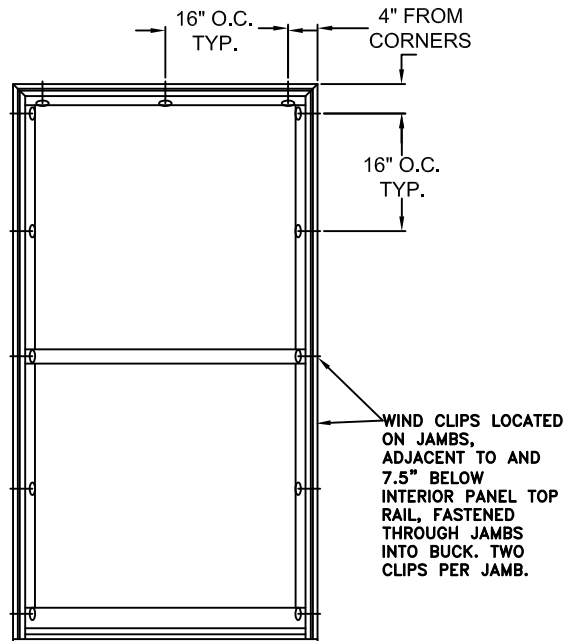
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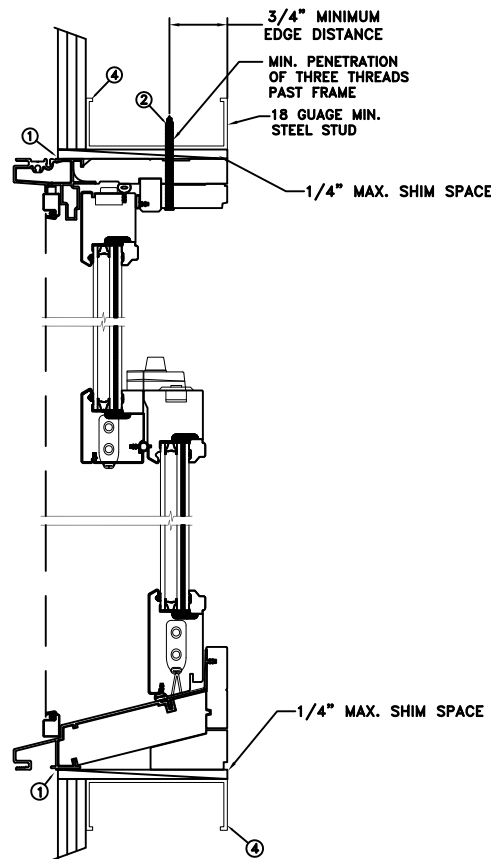
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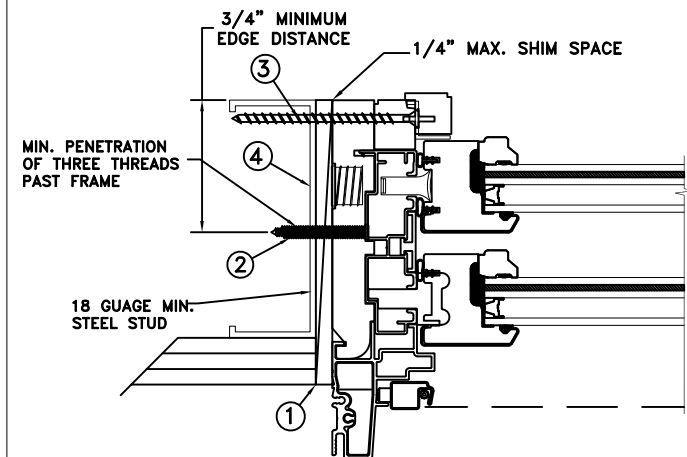
DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		
CHECKED BY: M.HAM	Custom Clad Wood Single Hung Tilt With Wind Clips	
APPROVED BY: J.GOOSSEN		
RECORD No.: D004261		
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —	REV: E SHEET 4 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



THROUGH FRAME/SCREW STEEL INSTALLATION



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

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - #10 TEK Self-Tapping screws to install wind clips into side jambs with sufficient length to achieve a minimum penetration of 3 threads past the frame thickness with a 3/4" min. distance from edge. Steel substrate min. 18ga., fy = 33 ksi.
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 - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

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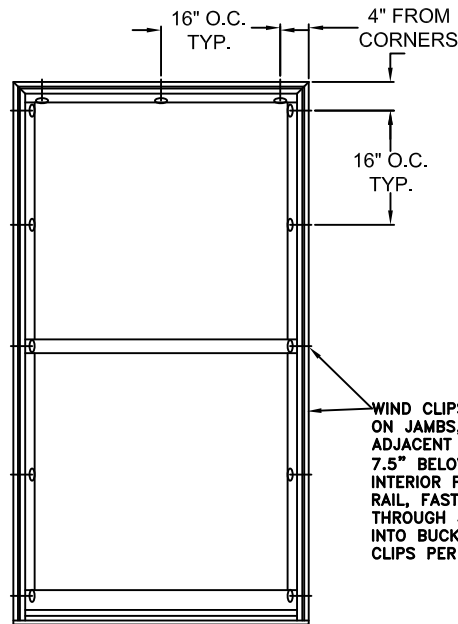
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

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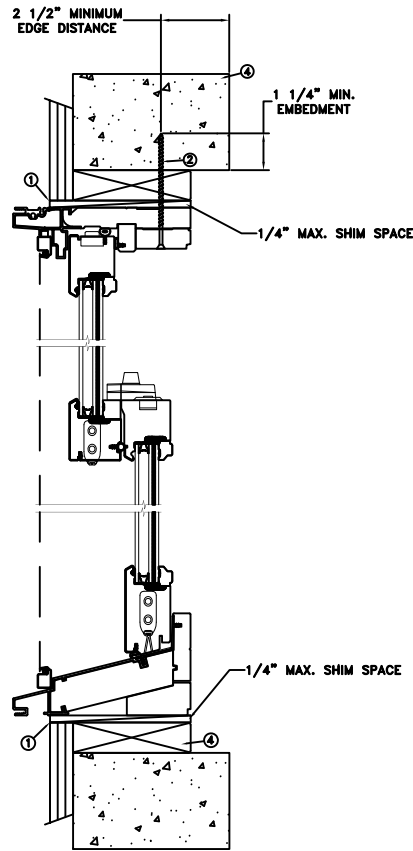
MICAH SWARTZ, P.E.
 LICENSE No 93573
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 09/21/25
 PE No. 93573
 5134 Cambridge Ct.
 Klamath Falls, OR. 97603
 (541) 363-8075

DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: M.HAM	TITLE: Custom Clad Wood Single Hung Tilt With Wind Clips
APPROVED BY: J.GOOSEN	
RECORD No.: D004261	REPORT No.: C9773.01-301-44, C9773.02-301-44
CAD DWG. No.: —	
REV: E	SHEET 5 of 10

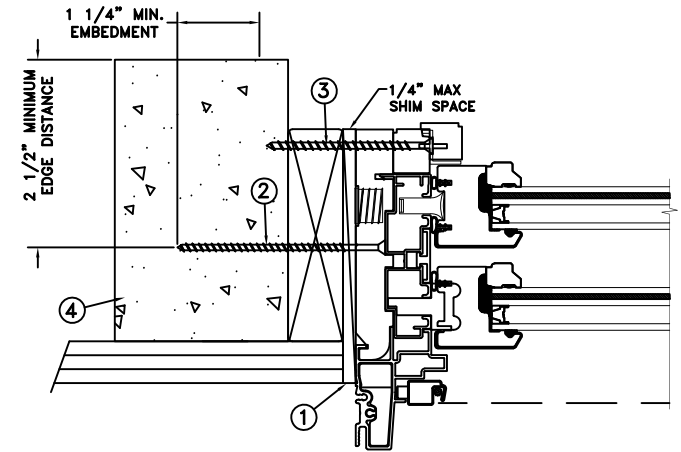


WIND CLIPS LOCATED ON JAMBS, ADJACENT TO AND 7.5\"/>

TYPICAL ELEVATION WITH FASTENER SPACING



THROUGH FRAME/SCREW CONCRETE INSTALLATION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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\"/>

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 - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm annealed glass.
4. Use structural or composite shims where required.

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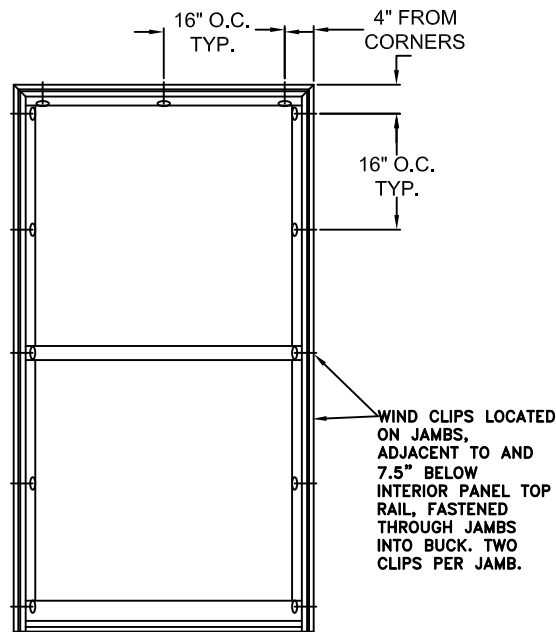
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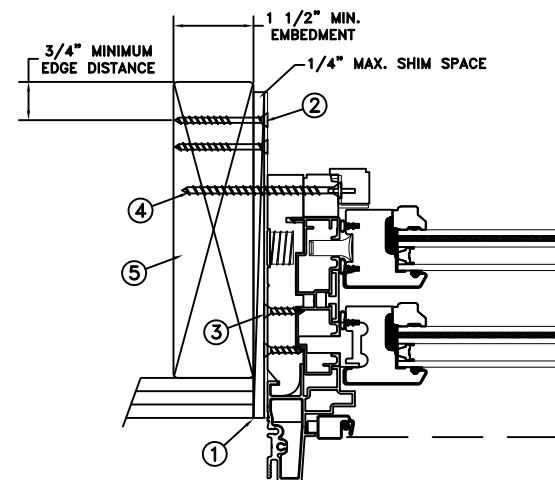
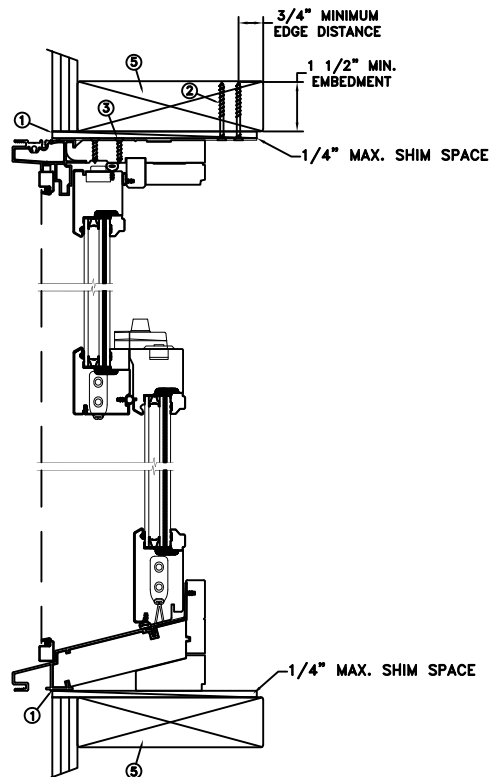
MICAH SWARTZ, P.E.
09/21/25
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

	DATE: 09/03/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: M.HAM	SCALE: NTS			
CHECKED BY: M.HAM	TITLE: Custom Clad Wood Single Hung Tilt With Wind Clips			
APPROVED BY: J.GOOSSEN				
RECORD No.: D004261				
REPORT No.: C9773.01-301-44, C9773.02-301-44		CAD DWG. No.: —	REV: E	SHEET 6 of 10

MASONRY STRAP WOOD/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - #8 x 3" PH fasteners to install wind clips into side jambs with sufficient length to penetrate a minimum of 1-1/2" into the buck with a 3/4" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42).
5. 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 - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm 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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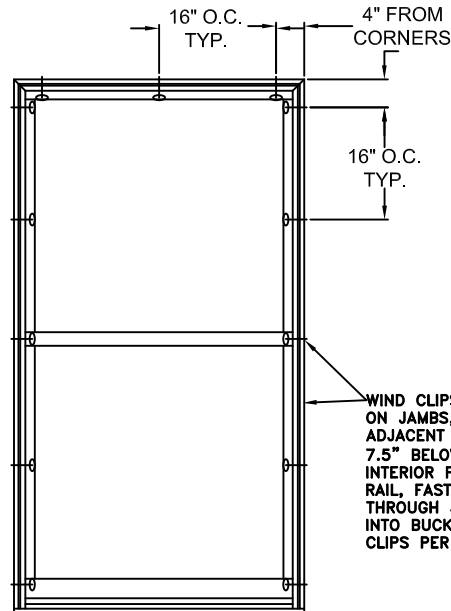
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MICAH SWARTZ, P.E.
09/21/25
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

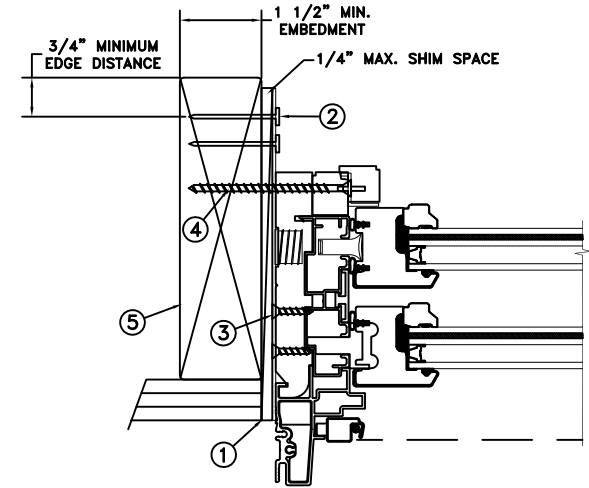
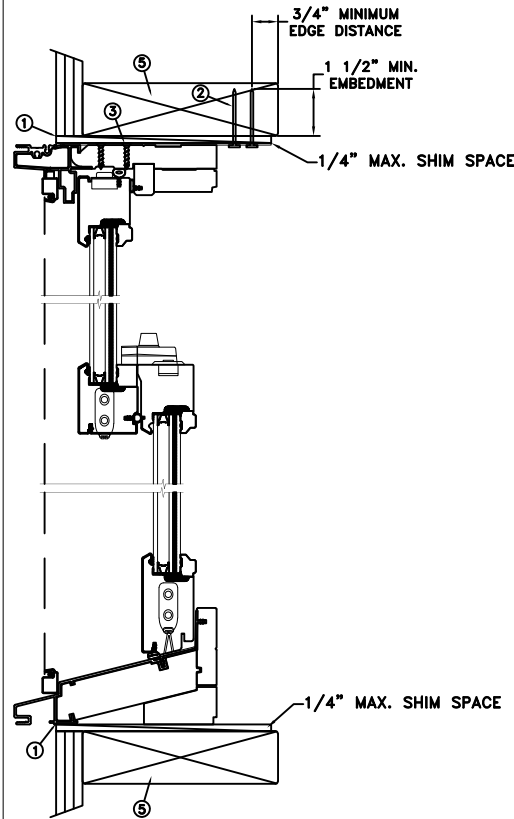
DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		
CHECKED BY: M.HAM	Custom Clad Wood Single Hung Tilt With Wind Clips	
APPROVED BY: J.GOOSSEN		
RECORD No.: D004261		
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —	REV: E SHEET 7 of 10

MASONRY STRAP WOOD/NAIL INSTALLATION



WIND CLIPS LOCATED
ON JAMBS,
ADJACENT TO AND
7.5\"/>

TYPICAL ELEVATION WITH FASTENER SPACING



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - #8 x 3" PH fasteners to install wind clips into side jambs with sufficient length to penetrate a minimum of 1-1/2" into the buck with a 3/4" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42).
5. 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.

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.

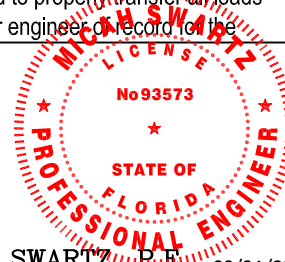
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General Notes:

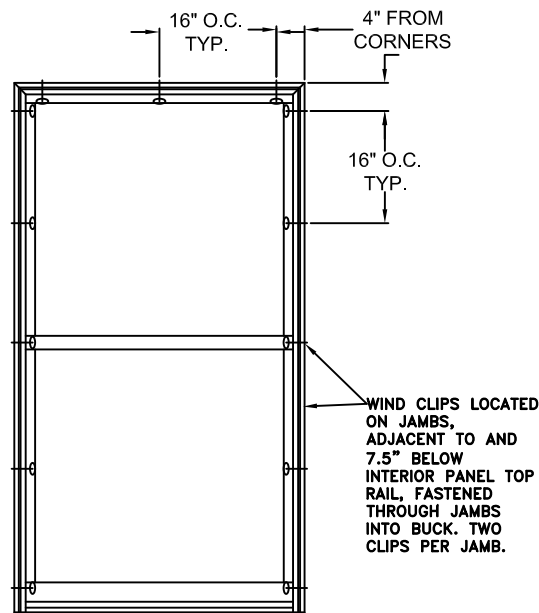
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be 3.1mm annealed - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm 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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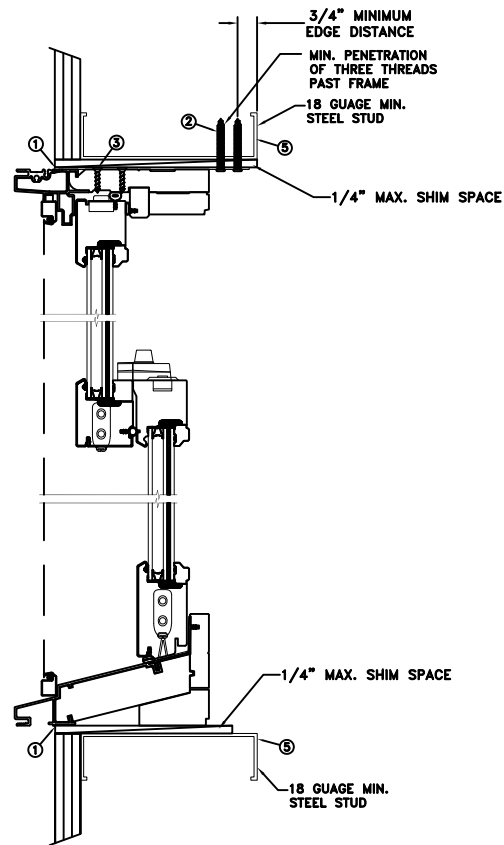


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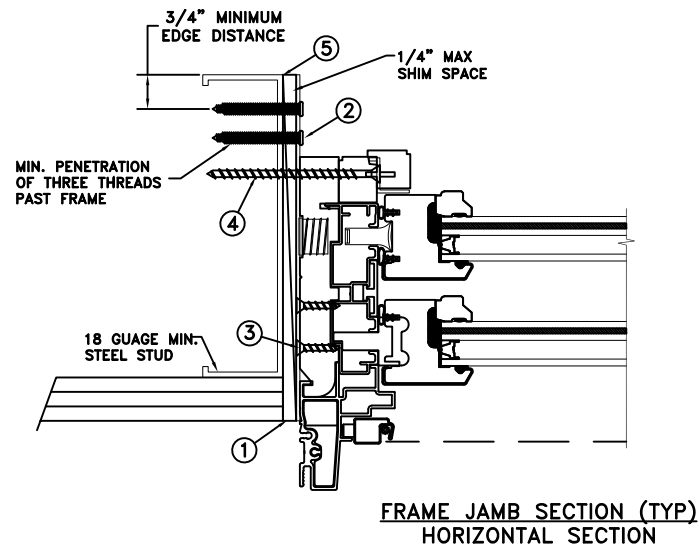
DATE: 09/03/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		
CHECKED BY: M.HAM	Custom Clad Wood Single Hung Tilt With Wind Clips	
APPROVED BY: J.GOOSEN		
RECORD No.: D004261		
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —	REV: E SHEET 8 of 10



TYPICAL ELEVATION WITH FASTENER SPACING



MASONRY STRAP STEEL/SCREW INSTALLATION



MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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) - #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. Use two (2) - #10 TEK Self-Tapping screws to install wind clips into side jambs with sufficient length to achieve a minimum penetration of 3 threads past the frame thickness with a 3/4" min. distance from edge. Steel substrate min. 18ga., $f_y = 33$ ksi.
5. 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 - 8.5mm airspace - 2.3mm annealed - 2.29mm PVB Interlayer by Kuraray - 2.3mm 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.

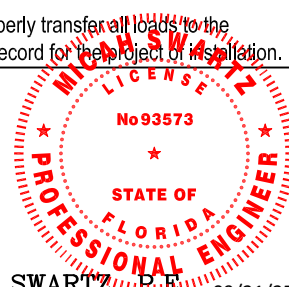
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DISCLAIMER:

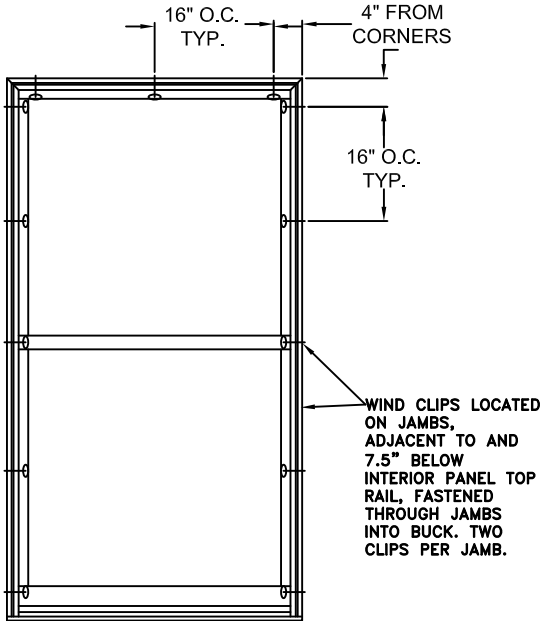
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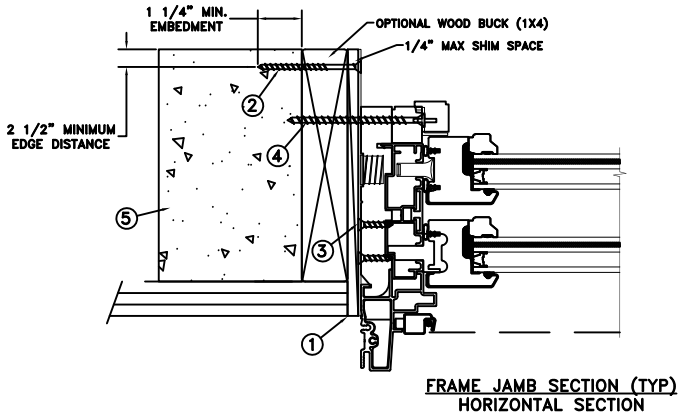
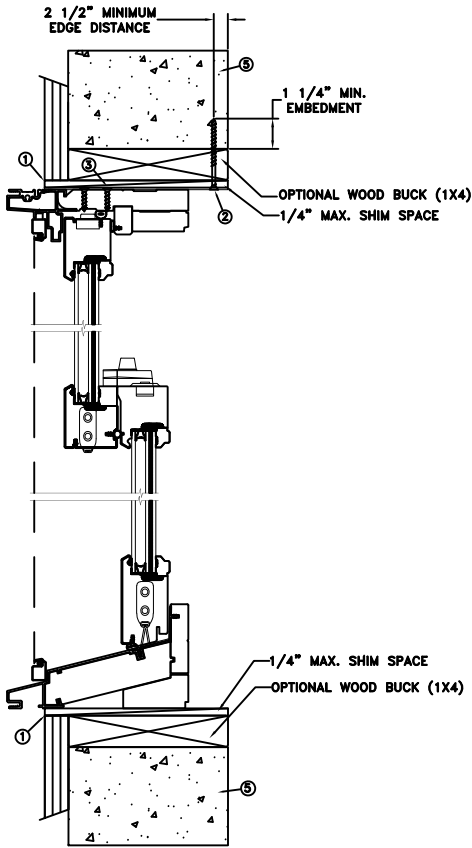


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DRAWN BY: M.HAM	
CHECKED BY: M.HAM	Custom Clad Wood Single Hung Tilt With Wind Clips
APPROVED BY: J.GOOSSEN	
RECORD No.: D004261	
REPORT No.: C9773.01-301-44, C9773.02-301-44	CAD DWG. No.: —
REV: E	SHEET 9 of 10

MASONRY STRAP CONCRETE
SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
41.375" x 76"	+50/-65	YES

WINDZONE 3

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. Use two (2) - 3/16" Tapcon or equivalent fasteners to install wind clips into side jambs with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry with a 2-1/2" min. distance from edge. For 2x wood frame substrate (min. S.G. = 0.42). For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall be ASTM C90).
5. 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 or installation.

General Notes:

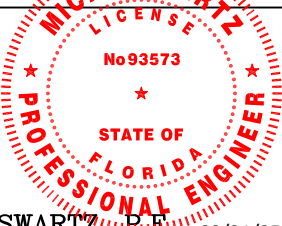
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DRAWN BY: M.HAM	SCALE: NTS	Custom Clad Wood Single Hung Tilt With Wind Clips		
CHECKED BY: M.HAM	TITLE:			
APPROVED BY: J.GOOSSEN				
RECORD No.: D004261				
REPORT No.: C9773.01-301-44, C9773.02-301-44		CAD DWG. No.: —	REV: E	SHEET 10 of 10