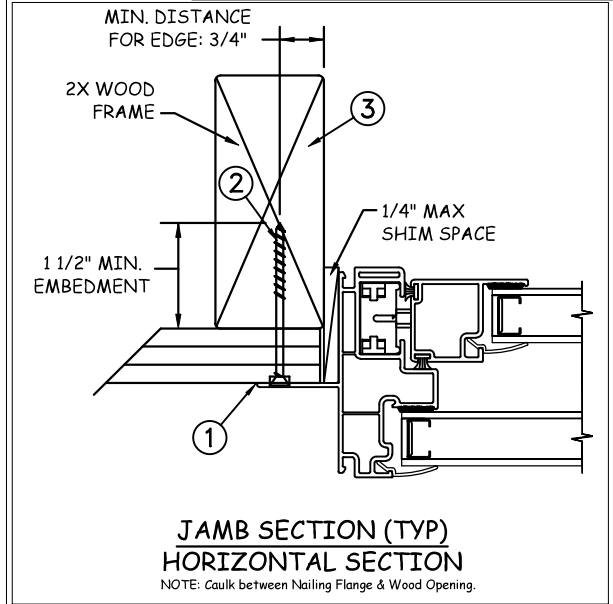


**NAIL FIN INSTALLATION**



Max Frame	DP RATING	IMPACT
109 x 74	+/-50	NO

**Installation Notes:**

1. Seal flange/frame to substrate.
2. Use #8 X 1 1/4" PH or greater fastener through the nail fin with sufficient length to penetrate a minimum of 1 1/2" into the wood framing. For two (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 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 single strength annealed insulating glass.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

This schedule addresses only the fasteners required to anchor the window to achieve the rated design pressure 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 window or go to [www.jeld-wen.com/resources/installation](http://www.jeld-wen.com/resources/installation).

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**JOSEPH A. REED, P.E.**  
 Florida FE 58920, REG. No. 33474  
 National Certified Testing Laboratories  
 5 Leigh Drive, York, PA. 17408  
 (717) 846-1200

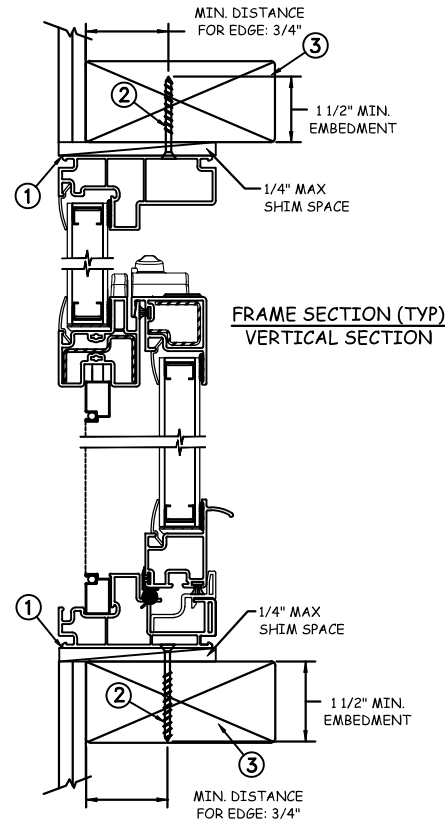
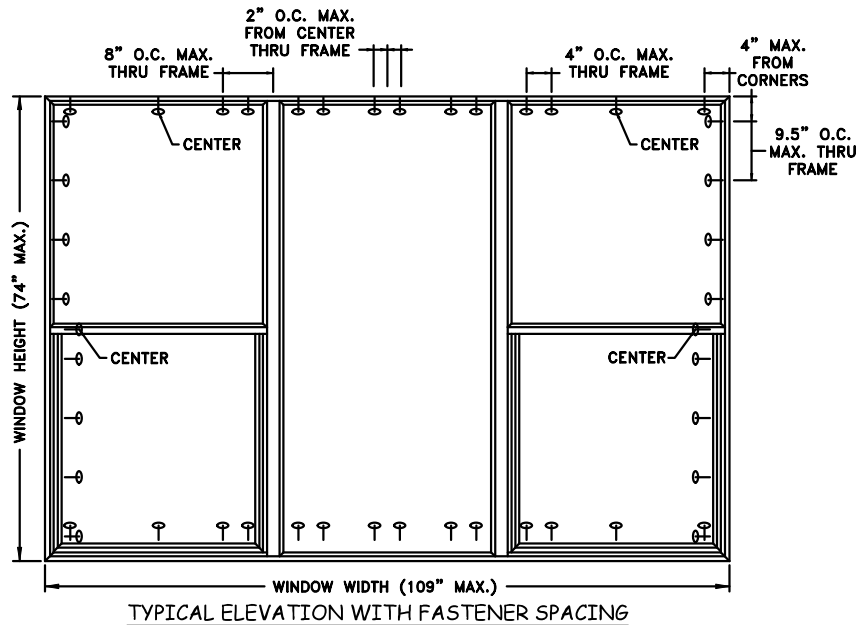
PROJECT ENGINEER: --	DATE: 11/12/2013
DRAWN BY: D. Vezo	SCALE: NTS
CHECKED BY: J. Kantola	TITLE:
APPROVED BY: --	
PART/PROJECT No.: D009140	
IDENTIFIER No. SJW2013-011-FBC	PLANT NAME AND LOCATION:

3737 Lakeport Blvd  
 Klamath Falls, OR, 97601  
 Phone: (541) 882-3451

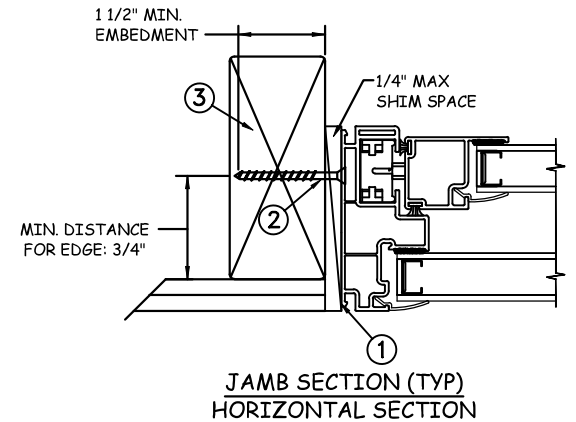
# JELD-WEN

**Builders Vinyl Single Hung CHS 3 Wide Window  
 Nail Fin Installation (109" x 74")**

CAD DWG. No.:	REV: <b>00</b>	SHEET
		1 OF 4



**THROUGH FRAME  
INSTALLATION**



<b>Max Frame</b>	<b>DP RATING</b>	<b>IMPACT</b>
109 x 74	+/-50	NO

**Installation Notes:**

1. Seal flange/frame to substrate.
2. Use #10 PH or greater fastener though the frame 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.

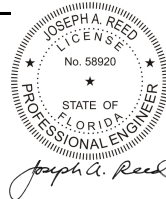
This schedule addresses only the fasteners required to anchor the window to achieve the rated design pressure up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise in different wall conditions. For the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

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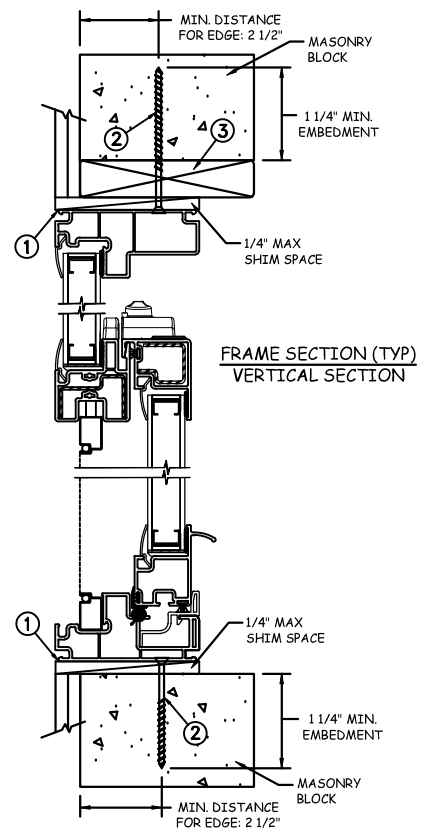
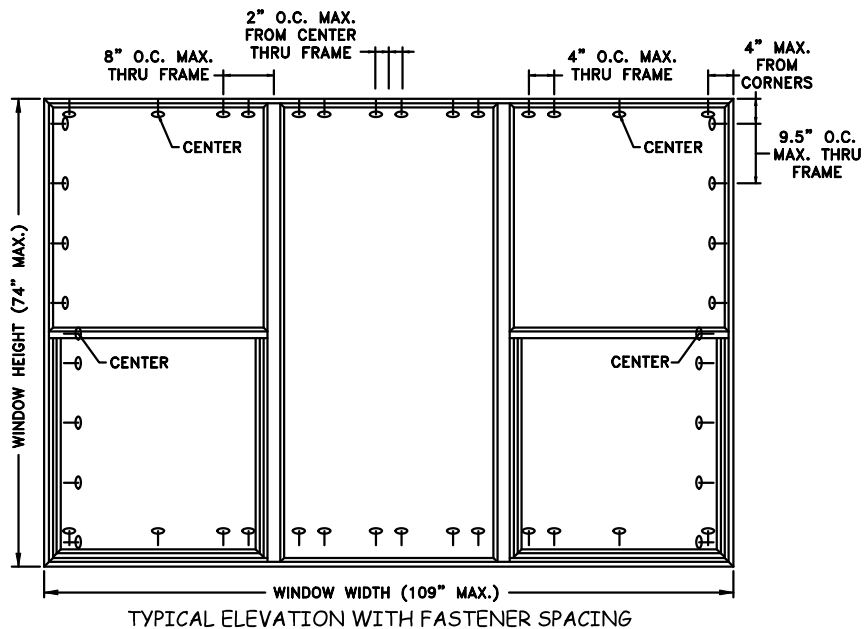
**General Notes:**

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 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 single strength annealed insulating glass.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

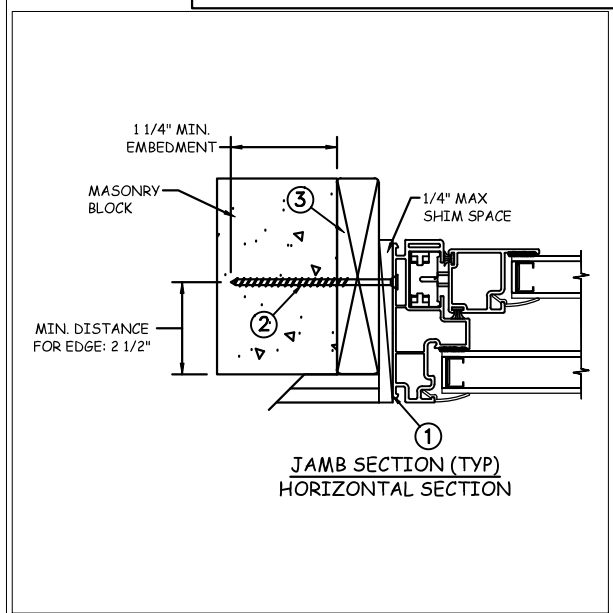


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**JOSEPH A. REED, P.E.**  
 Florida FE 58920, REG. No. 33474  
 National Certified Testing Laboratories  
 5 Leigh Drive, York, PA. 17408  
 (717) 846-1200

PROJECT ENGINEER: --	DATE: 11/12/2013	<b>JELD-WEN</b>	3737 Lakeport Blvd Klamath Falls, OR, 97601 Phone: (541) 882-3451	
DRAWN BY: D. Vezo	SCALE: NTS			
CHECKED BY: J. Kantola	TITLE: Builders Vinyl Single Hung CHS 3 Wide Window Through Frame Installation (109" x 74")			
APPROVED BY: --	PART/PROJECT No.: D009140	PLANT NAME AND LOCATION:	CAD DWG. No.:	REV: 00 SHEET 2 OF 4
IDENTIFIER No.: SJW2013-011-FBC				



**MASONRY INSTALLATION**



<b>Max Frame</b>	<b>DP RATING</b>	<b>IMPACT</b>
109 x 74	+/-50	NO

**Installation Notes:**

1. Seal flange/frame to substrate.
2. Use 3/16" Tapcon or equivalent fasteners through frame 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<sub>c</sub> = 3000psi) or masonry substrate (CMU shall adhere to 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.

This schedule addresses only the fasteners required to anchor the window to achieve the rated design pressure 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 window or go to [www.jeld-wen.com/resources/installation](http://www.jeld-wen.com/resources/installation).

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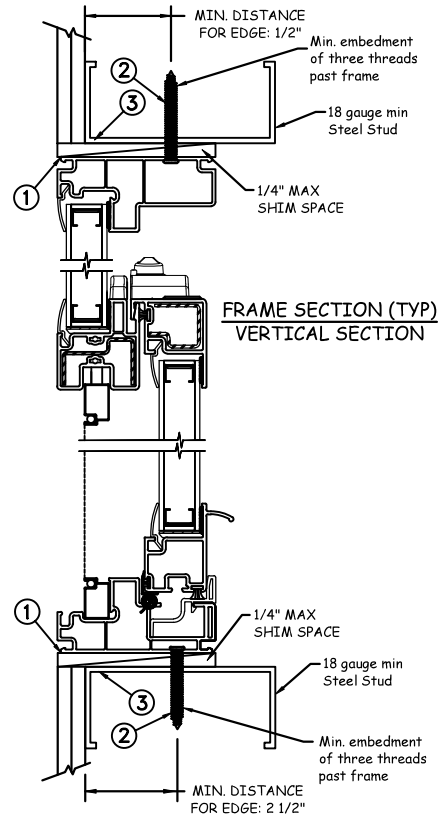
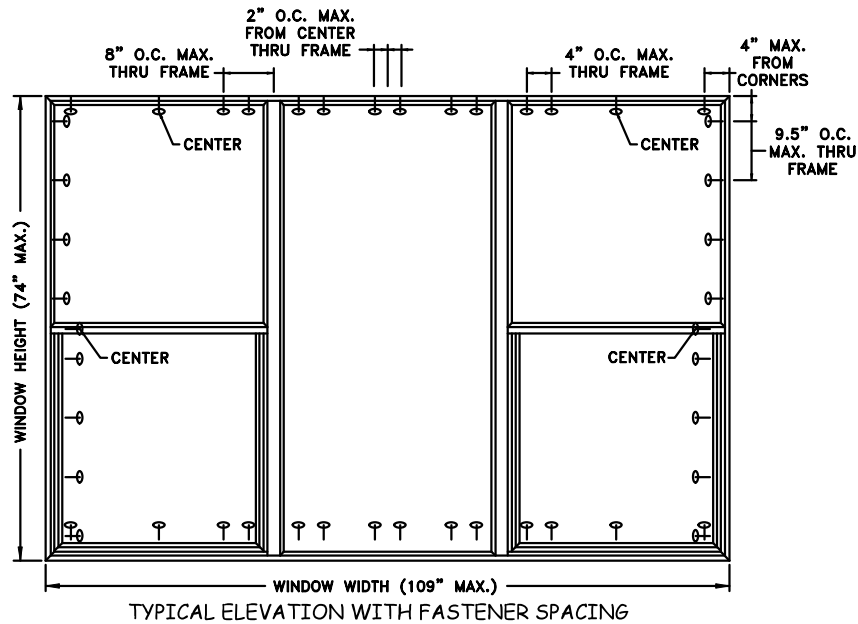
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**General Notes:**

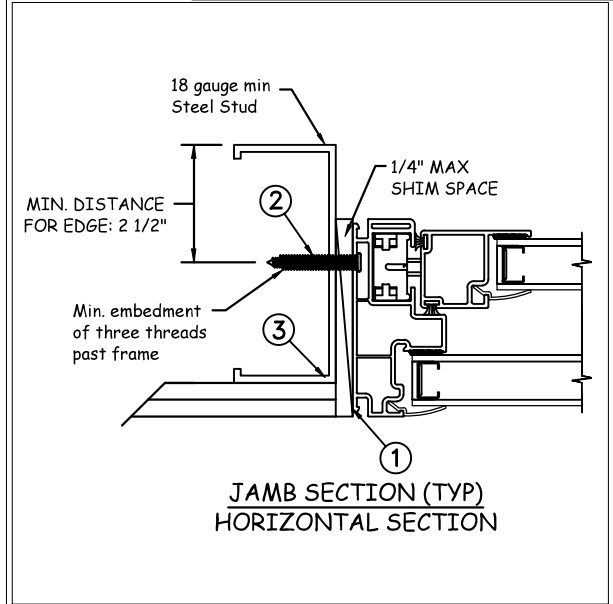
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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be single strength annealed insulating glass.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

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**JOSEPH A. REED, P.E.**  
 Florida FE 58920, REG. No. 33474  
 National Certified Testing Laboratories  
 5 Leigh Drive, York, PA. 17408  
 (717) 846-1200

PROJECT ENGINEER: --	DATE: 11/12/2013	<b>JELD-WEN</b>	3737 Lakeport Blvd Klamath Falls, OR, 97601 Phone: (541) 882-3451	
DRAWN BY: D. Vezo	SCALE: NTS			
CHECKED BY: J. Kantola	TITLE: Builders Vinyl Single Hung CHS 3 Wide Window Masonry Installation (109" x 74")			
APPROVED BY: --	PART/PROJECT No.: D009140			
IDENTIFIER No. SJW2013-011-FBC	PLANT NAME AND LOCATION:	CAD DWG. No.:	REV: 00	SHEET 3 OF 4



### STEEL INSTALLATION



Max Frame	DP RATING	IMPACT
109 x 74	+/-50	NO

#### Installation Notes:

1. Seal flange/frame to substrate.
2. For anchoring into metal framing use #8 TEK Self Tapping screws with sufficient length to achieve a minimum embedment 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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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing shall be single strength annealed insulating glass.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.



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PROJECT ENGINEER: --	DATE: 11/12/2013	<b>JELD-WEN</b>	3737 Lakeport Blvd Klamath Falls, OR, 97601 Phone: (541) 882-3451	
DRAWN BY: D. Vezo	SCALE: NTS			
CHECKED BY: J. Kantola	TITLE: Builders Vinyl Single Hung CHS 3 Wide Window Steel Installation (109" x 74")			
APPROVED BY: --	PART/PROJECT No.: D009140			
IDENTIFIER No. SJW2013-011-FBC	PLANT NAME AND LOCATION:	CAD DWG. No.:	REV: 00	SHEET 4 OF 4