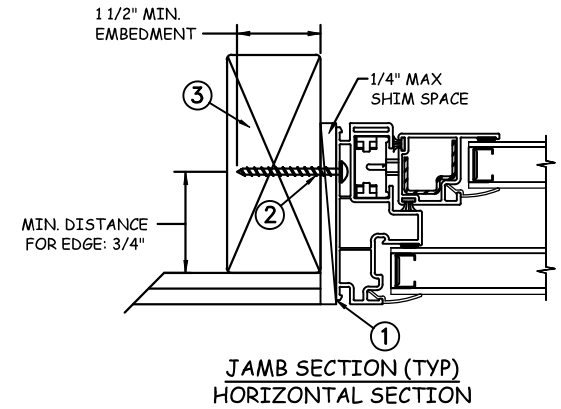


**THROUGH FRAME  
INSTALLATION**



Max Frame	DP RATING	IMPACT
36 x 72	+50/-55	NO

**Installation Notes:**

1. Seal flange/frame to substrate.
2. Use #8 PH or greater non-countersunk fastener through 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.

**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 1/8" annealed - air space - 1/8" annealed insulating glass.
4. Use structural or composite shims where required.
5. 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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2021.02.03 08:15:29 -05'00'  
**JOSEPH A. REED, P.E.**  
 Florida FE 58920, REG. No. 33474  
 National Certified Testing Laboratories  
 5 Leigh Drive, York, PA. 17406  
 (717) 846-1200

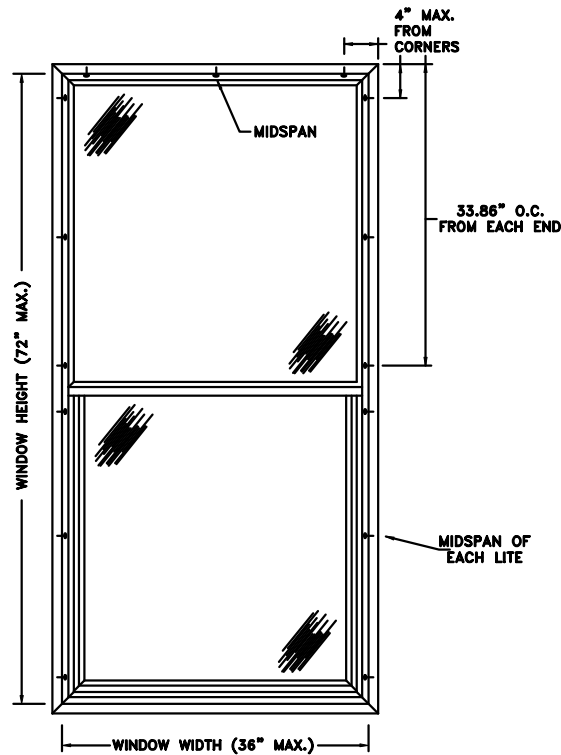
PROJECT ENGINEER: --	DATE: 9/28/2016
DRAWN BY: J.HAWKINS	SCALE: NTS
CHECKED BY: N.STRAHM	TITLE:
APPROVED BY: J.GOOSSEN	
PART/PROJECT No.: D008499	
IDENTIFIER No. NCTL-110-16-114	PLANT NAME AND LOCATION:

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

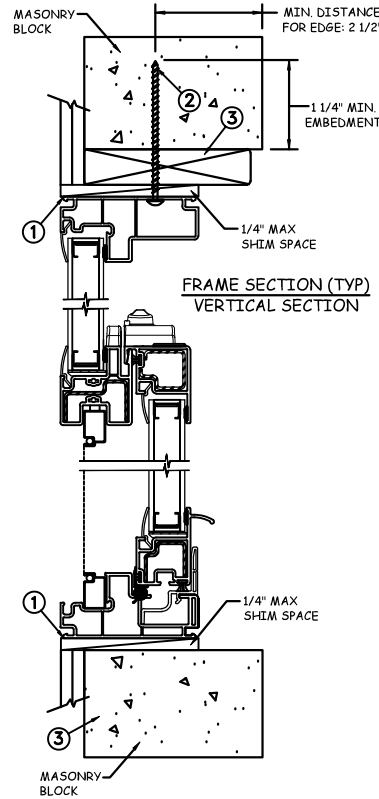
**Builders Vinyl Tilt Single Hung**

CAD DWG. No.: BldrVinyITSH	REV: B	SHEET 2 OF 4
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MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



Max Frame	DP RATING	IMPACT
36 x 72	+50/-55	NO

Installation Notes:

1. Seal flange/frame to substrate.
2. Use 3/16" non-countersunk 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. = 3000psi) or masonry (CMU shall conform 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. 1x wood buck is optional by others.

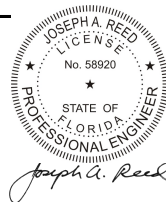
General Notes:

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 1/8" annealed - air space - 1/8" annealed insulating glass.
4. Use structural or composite shims where required.
5. 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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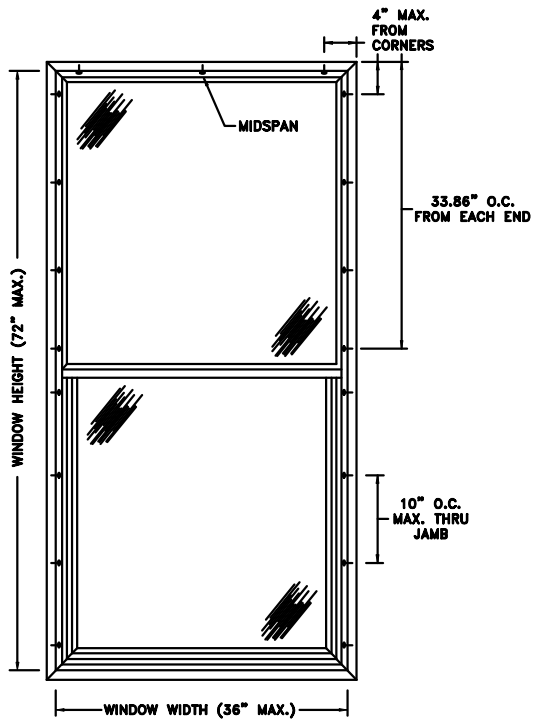
2021.02.03 08:15:29 -05'00'  
**JOSEPH A. REED, P.E.**  
 Florida PE 58920, REG. No. 33474  
 National Certified Testing Laboratories  
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PROJECT ENGINEER: --	DATE: 9/28/2016
DRAWN BY: J.HAWKINS	SCALE: NTS
CHECKED BY: N.STRAHM	TITLE:
APPROVED BY: J.GOOSSEN	
PART/PROJECT No.: D008499	
IDENTIFIER No. NCTL-110-16-114	PLANT NAME AND LOCATION:

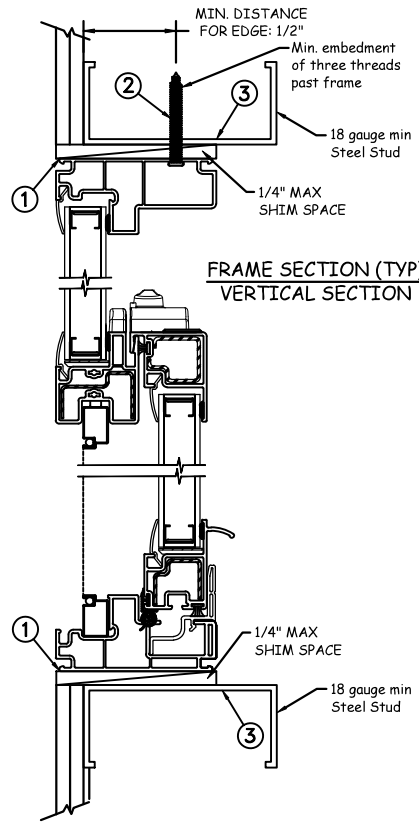
**JELD-WEN** 3737 Lakeport Blvd  
 Klamath Falls, OR, 97601  
 Phone: (541) 882-3451

Builders Vinyl Tilt Single Hung

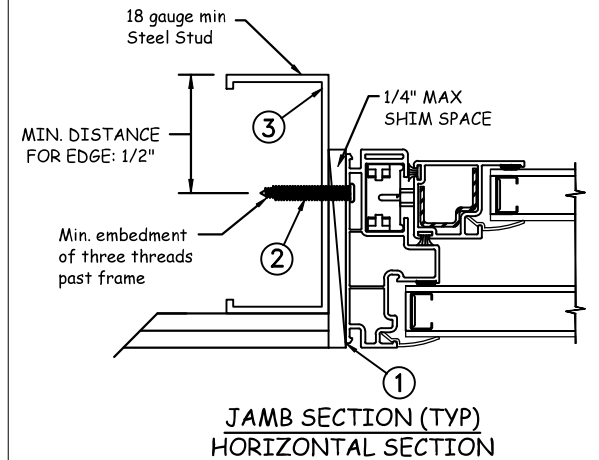
CAD DWG. No.: BldrVinyITSH	REV: B	SHEET 3 OF 4
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TYPICAL ELEVATION WITH FASTENER SPACING



STEEL INSTALLATION



Max Frame	DP RATING	IMPACT
36 x 72	+50/-55	NO

Installation Notes:

1. Seal flange/frame to substrate.
2. For anchoring into metal framing, use #8 Grade 5 TEK Self Tapping non-countersunk screws with sufficient length to achieve a minimum embedment of three threads past the frame thickness. Locate anchors as shown in elevations and installation details. 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.

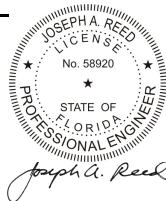
General Notes:

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 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 1/8" annealed - air space - 1/8" annealed insulating glass.
4. Use structural or composite shims where required.
5. 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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PROJECT ENGINEER: --	DATE: 9/28/2016
DRAWN BY: J.HAWKINS	SCALE: NTS
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PART/PROJECT No.: D008499	
IDENTIFIER No. NCTL-110-16-114	PLANT NAME AND LOCATION:

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Builders Vinyl Tilt Single Hung

CAD DWG. No.: BldrsVinylTSH	REV: B	SHEET 4 OF 4
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