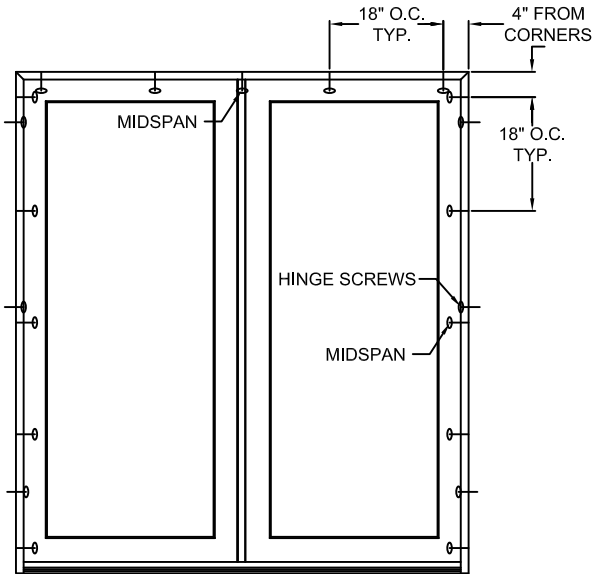
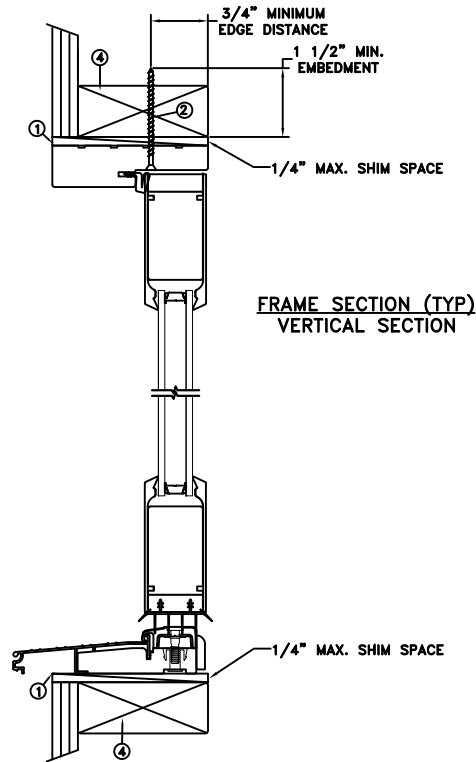


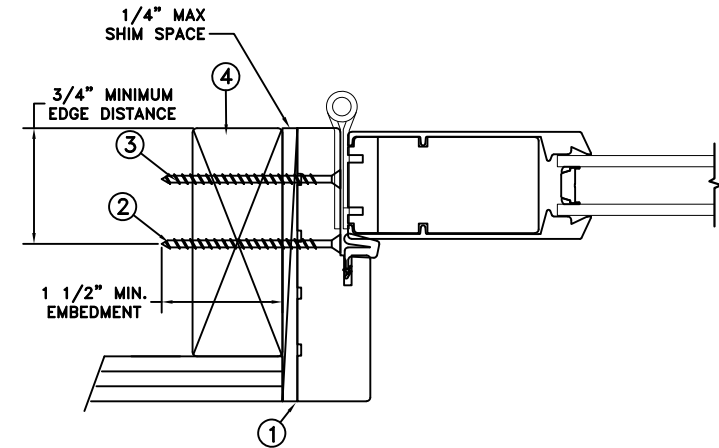
THROUGH FRAME  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

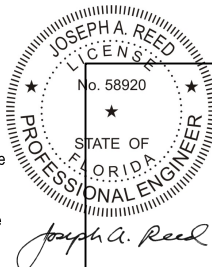
MAXIMUM FRAME	DP	IMPACT
71.625 x 79.365	+50/-55	NO

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 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.



2023.04.02 09:09:58 -04'00'

This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

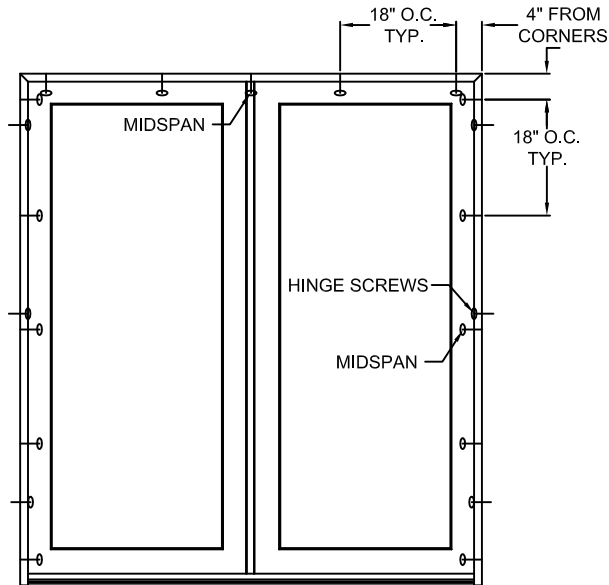
**JOSEPH A. REED, P.E.**  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

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](http://www.jeld-wen.com).

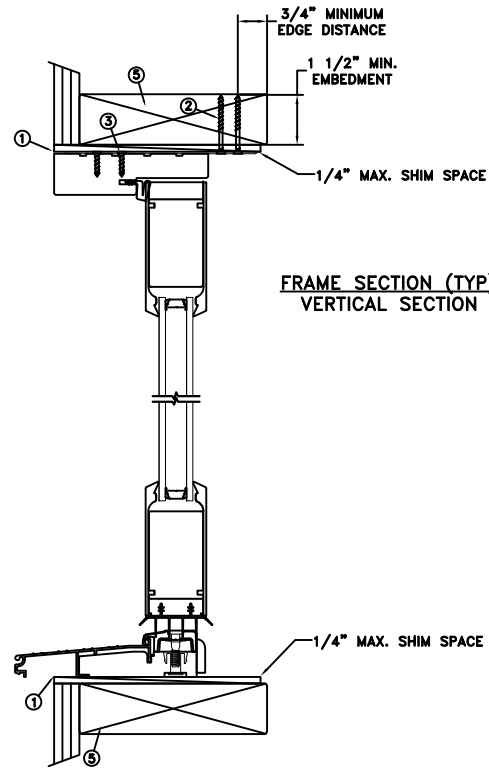
DISCLAIMER:  
This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.

	DATE: 03/20/2023	<b>JELD-WEN</b> 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS	
CHECKED BY: D.Vezo	TITLE:  F-4500 Inswing Door	
APPROVED BY: D.Vezo		
RECORD No.:		
	D1000255	
REPORT No.:	NCTL-310-22-108	CAD DWG. No.:
		REV: B
		SHEET 1 of 10

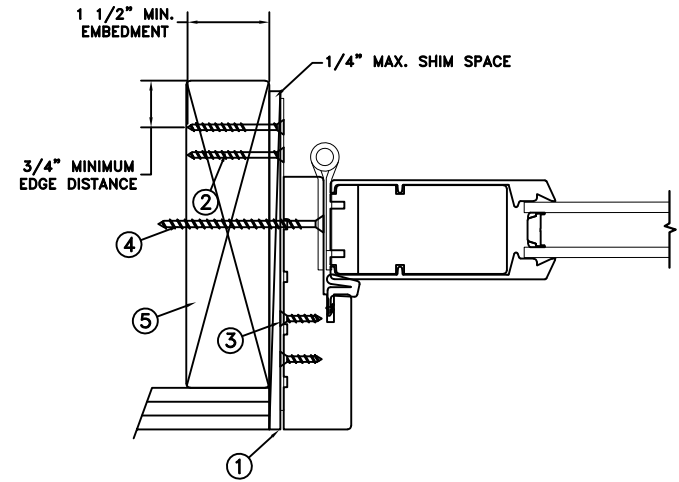
# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.625 x 79.365	+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 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 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

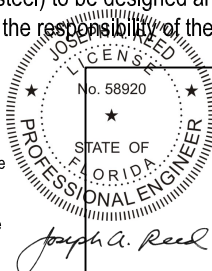
### General Notes:

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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).

### DISCLAIMER:

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.

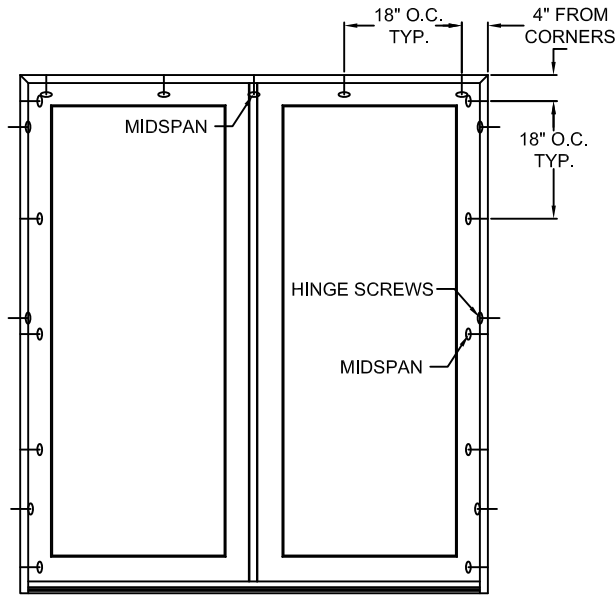


2023.04.02 09:09:58 -04'00'  
**JOSEPH A. REED, P.E.**  
 Florida P.E. No. 58920, REG. No. 33474  
 5 Leigh Drive  
 York, PA. 17406  
 (717) 846-1200

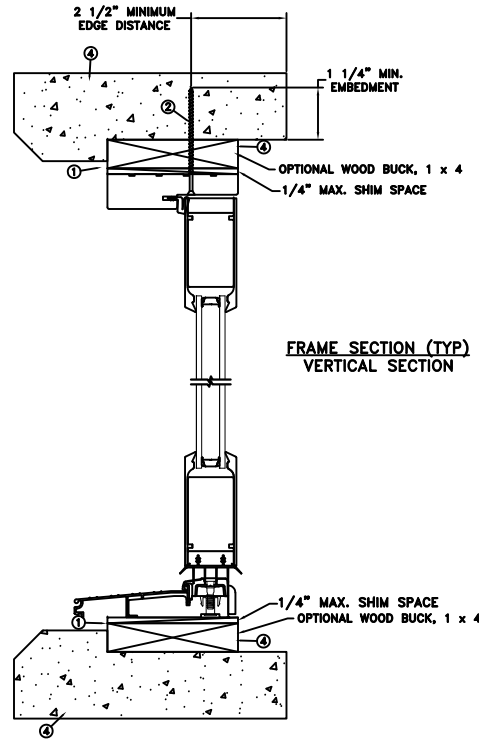
This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

	DATE: 03/20/2023	<b>JELD-WEN</b> 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS	
CHECKED BY: D.Vezo	TITLE:  F-4500 Inswing Door	
APPROVED BY: D.Vezo		
RECORD No.: D1000255		
REPORT No.: NCTL-310-22-108	CAD DWG. No.: -	REV: B SHEET 2 of 10

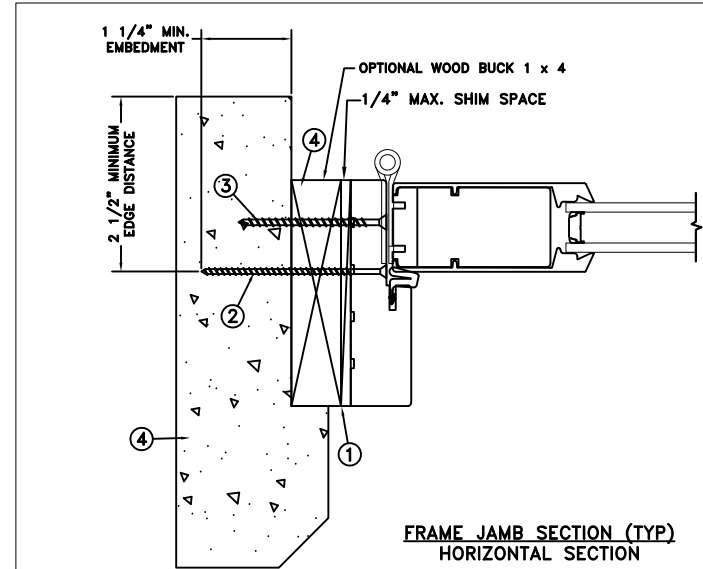
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.625 x 79.365	+50/-55	NO

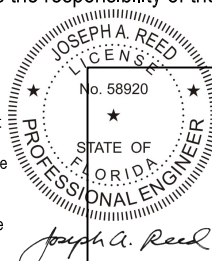
Installation Notes:

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 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. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.

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](http://www.jeld-wen.com).



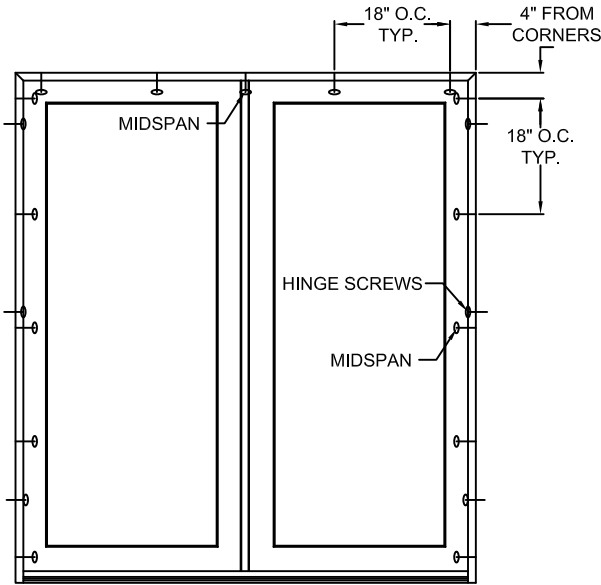
This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.04.02 09:09:58 -04'00' JOSEPH A. REED, P.E.  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

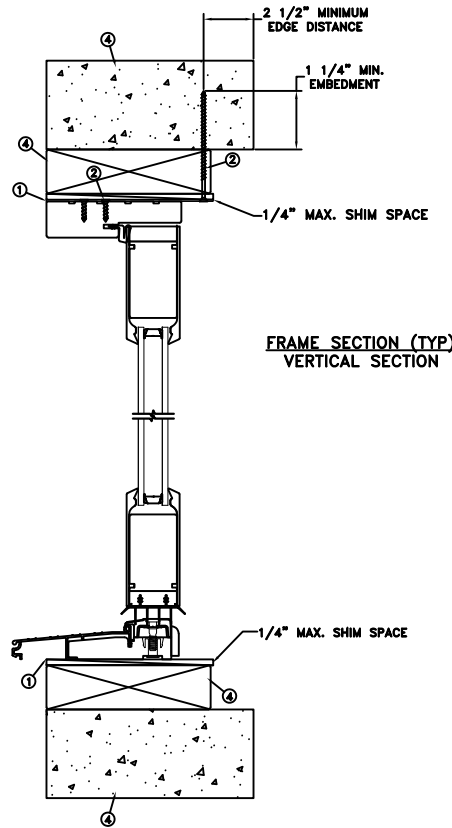
DISCLAIMER:  
This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.

DATE: 03/20/2023	3737 LAKEPORT BLVD. <b>JELD-WEN</b> KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
SCALE: NTS	
DRAWN BY: M.HAM	TITLE:  F-4500 Inswing Door
CHECKED BY: D.Vezo	
APPROVED BY: D.Vezo	
RECORD No.: D1000255	
REPORT No.: NCTL-310-22-108	CAD DWG. No.: -
	REV: B
	SHEET 3 of 10

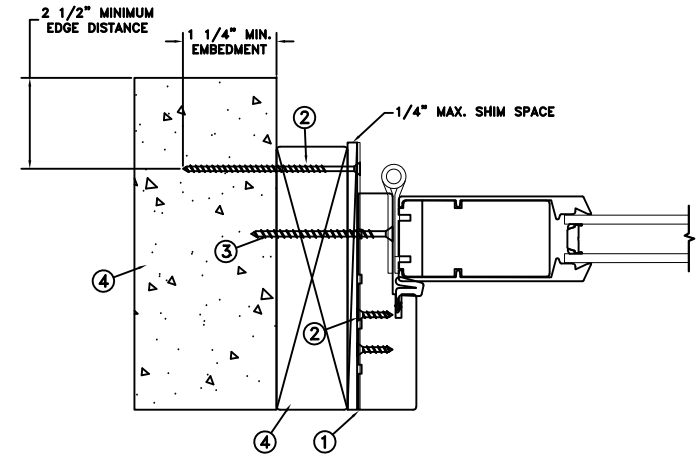
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.625 x 79.365	+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 (1) - 3/16" Tapcon or equivalent fasteners through strap 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. Use (2) - #8 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

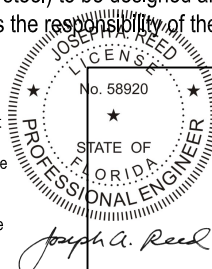
General Notes:

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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).

DISCLAIMER:

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.



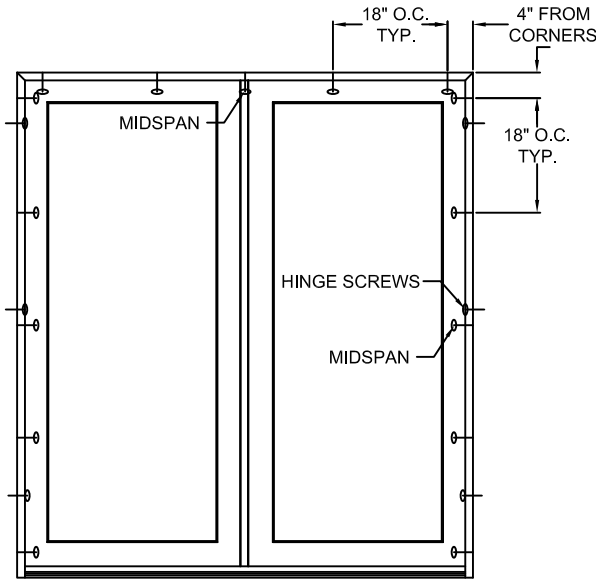
2023.04.02 09:09:58 -04'00'

This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

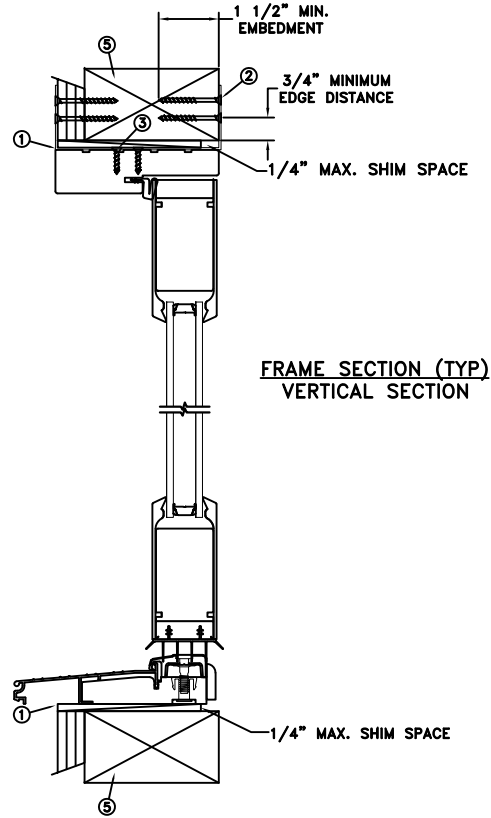
**JOSEPH A. REED, P.E.**  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

DATE: 03/20/2023	<p>3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936</p>
DRAWN BY: M.HAM	
CHECKED BY: D.Vezo	SCALE: NTS
APPROVED BY: D.Vezo	TITLE: <b>F-4500 Inswing Door</b>
REPORT No.: NCTL-310-22-108	RECORD No.: D1000255
CAD DWG. No.: -	REV: B
SHEET 4 of 10	

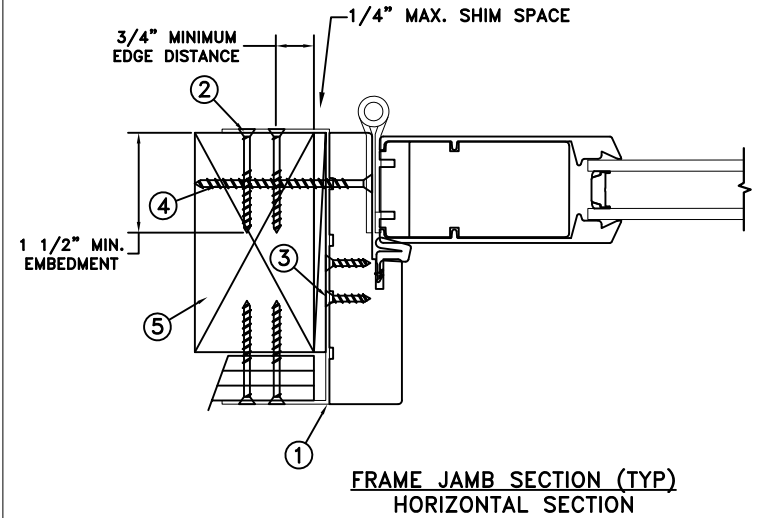
MASONRY STRAP  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.625 x 79.365	+50/-55	NO

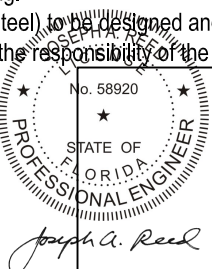
Installation Notes:

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 min. 2 - #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. Bend straps around both sides of the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use min. 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).



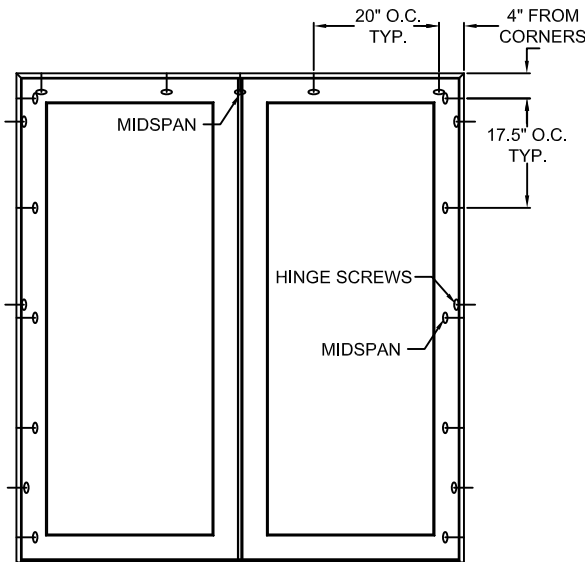
This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.04.02 09:09:58 -04'00'  
**JOSEPH A. REED, P.E.**  
 Florida P.E. No. 58920, REG. No. 33474  
 5 Leigh Drive  
 York, PA. 17406  
 (717) 846-1200

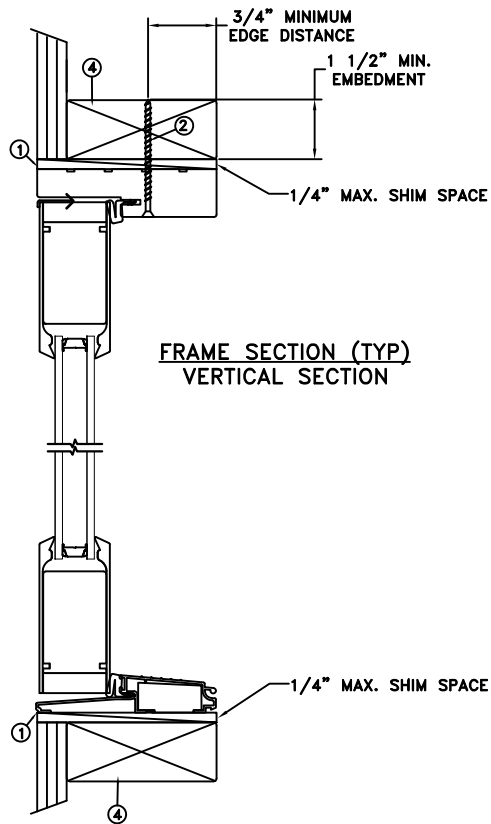
DISCLAIMER:  
 This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.

DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
SCALE: NTS		
DRAWN BY: M.HAM	TITLE:  <h3>F-4500 Inswing Door</h3>	
CHECKED BY: D.Vezo		
APPROVED BY: D.Vezo		
RECORD No.:	D1000255	
REPORT No.:	NCTL-310-22-108	
CAD DWG. No.:	—	REV: B SHEET 5 of 10

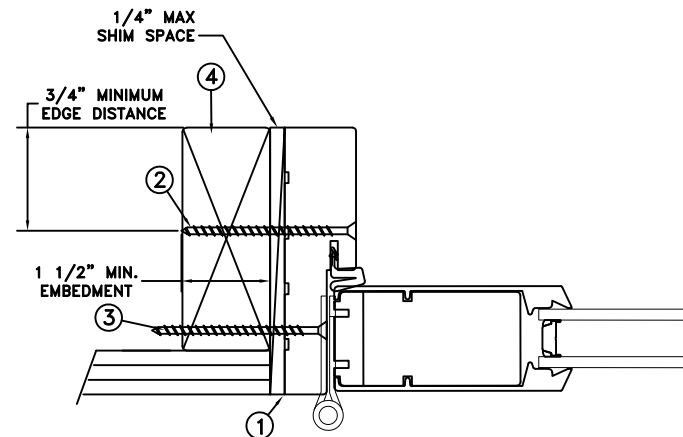
THROUGH FRAME  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.5 x 78.125	+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 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

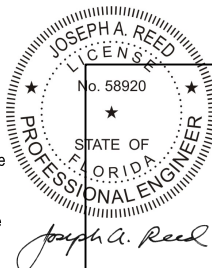
General Notes:

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. Use structural or composite shims where required.

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](http://www.jeld-wen.com).

DISCLAIMER:

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.



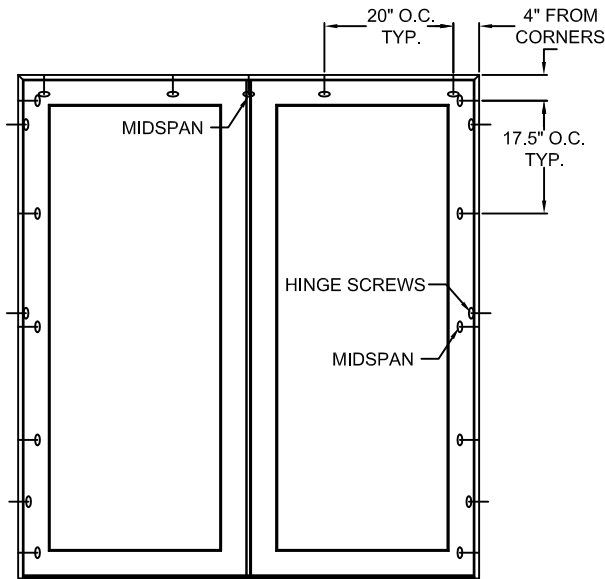
2023.04.02 09:09:58 -04'00'

This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

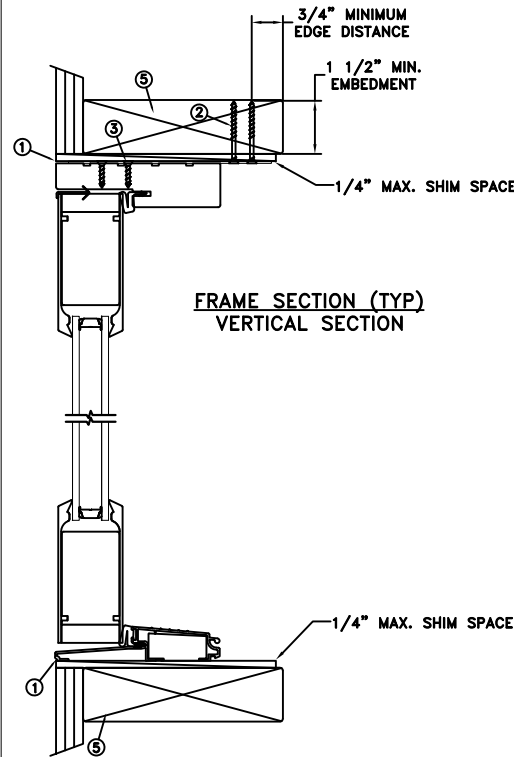
**JOSEPH A. REED, P.E.**  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		SCALE: NTS	
CHECKED BY: D.Vezo	<p>F-4500 Outswing Door</p>		
APPROVED BY: D.Vezo			
RECORD No.: D1000255			
REPORT No.: NCTL-310-23-002 E4A0	CAD DWG. No.: -	REV: B	SHEET 6 of 10

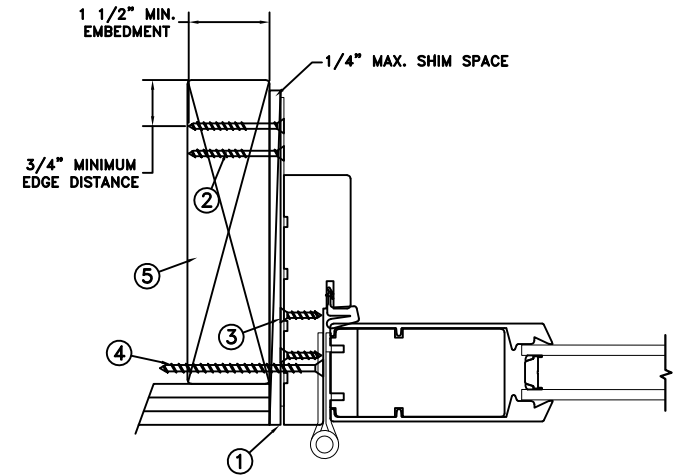
# MASONRY STRAP INSTALLATION



**TYPICAL ELEVATION WITH FASTENER SPACING**



**FRAME SECTION (TYP)  
VERTICAL SECTION**



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

MAXIMUM FRAME	DP	IMPACT
71.5 x 78.125	+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 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 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

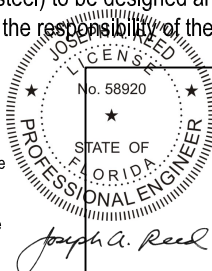
**General Notes:**

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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).

**DISCLAIMER:**

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.



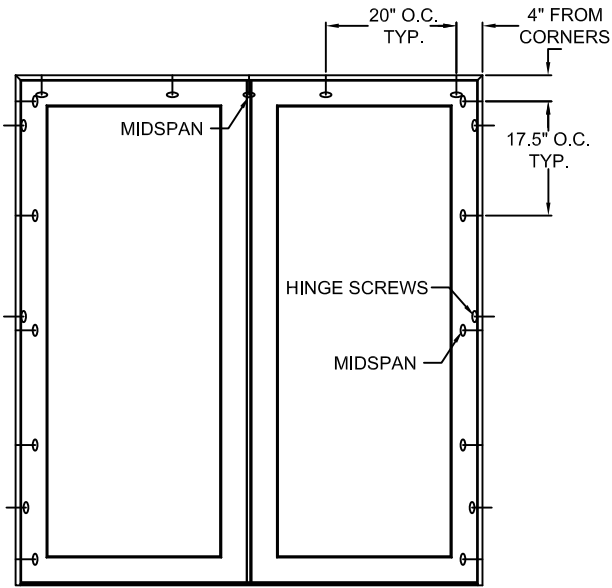
2023.04.02 09:09:58 -04'00'

This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

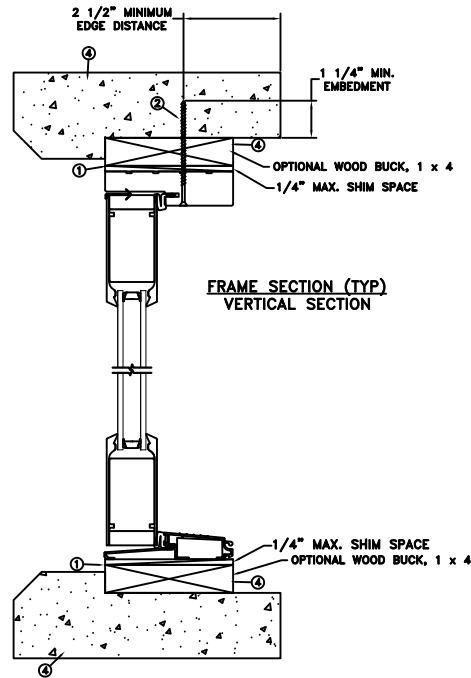
**JOSEPH A. REED, P.E.**  
 Florida P.E. No. 58920, REG. No. 33474  
 5 Leigh Drive  
 York, PA. 17406  
 (717) 846-1200

DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM		SCALE: NTS
CHECKED BY: D.VEZO	TITLE: F-4500 Outswing Door	
APPROVED BY: D.VEZO	RECORD No.:	
	D1000255	
REPORT No.:	NCTL-310-23-002 E4A0	CAD DWG. No.:
		REV: B
		SHEET 7 of 10

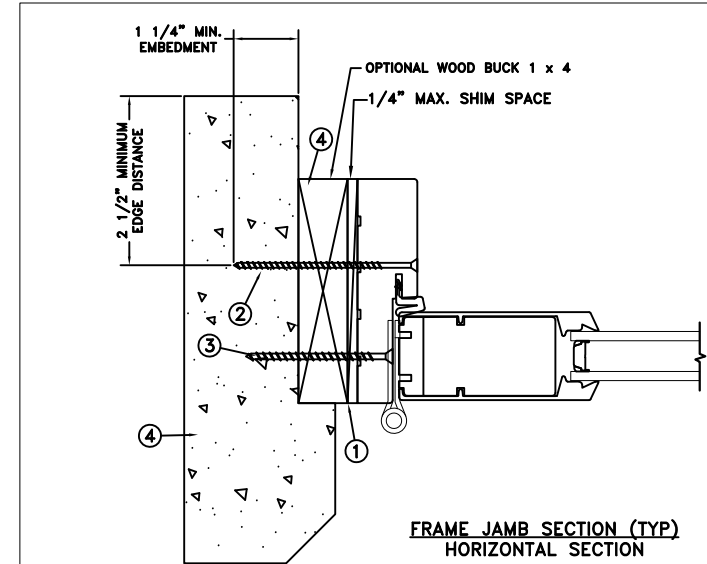
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.5 x 78.125	+50/-55	NO

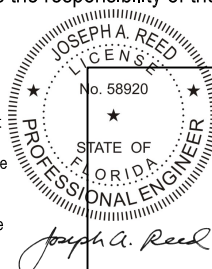
Installation Notes:

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 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. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.

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](http://www.jeld-wen.com).



This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.04.02 09:09:58 -04'00' JOSEPH A. REED, P.E.  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

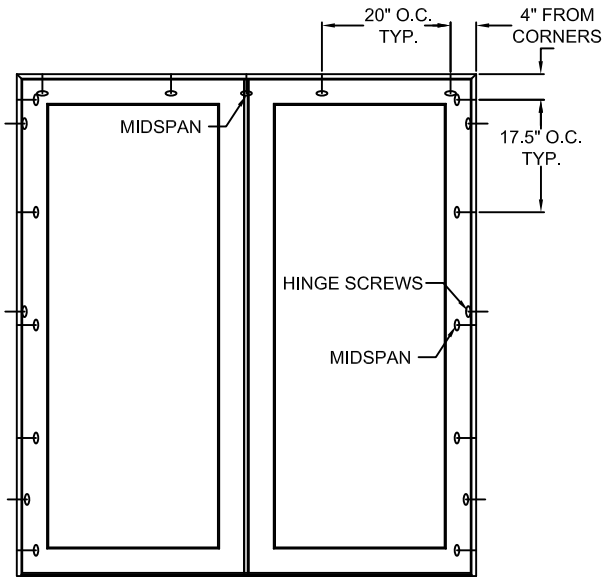
DISCLAIMER:

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.

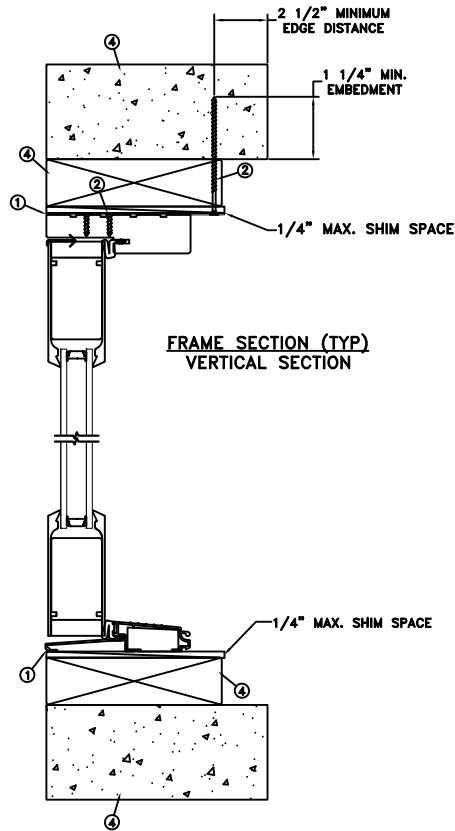
DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM		SCALE: NTS
CHECKED BY: D.Vezo	TITLE: F-4500 Outswing Door	
APPROVED BY: D.Vezo	RECORD No.:	
	D1000255	
REPORT No.:	NCTL-310-23-002 E4A0	CAD DWG. No.:
		REV: B
		SHEET 8 of 10



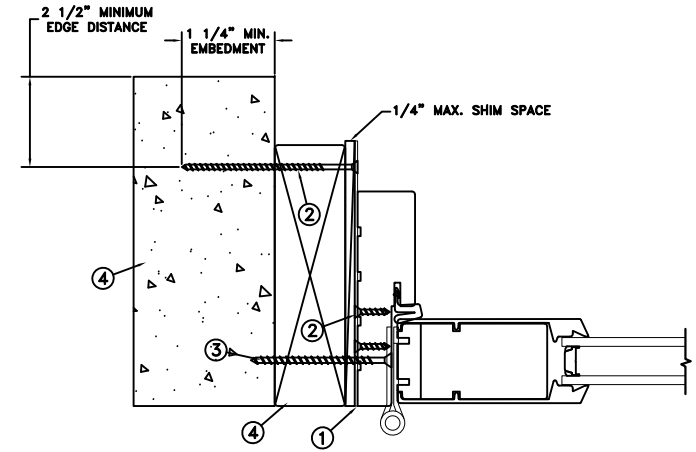
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
71.5 x 78.125	+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 (1) - 3/16" Tapcon or equivalent fasteners through strap 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. Use (2) - #8 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

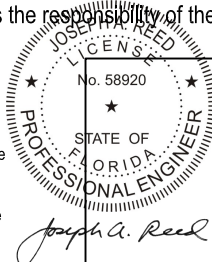
General Notes:

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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).

DISCLAIMER:

This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.



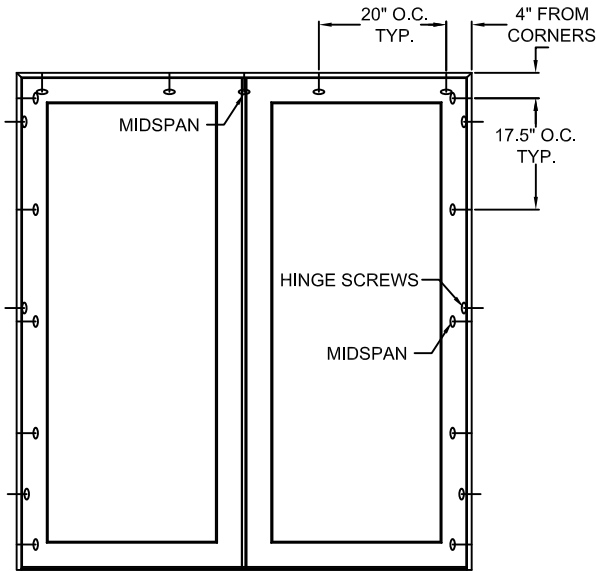
2023.04.02 09:09:58 -04'00'

This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

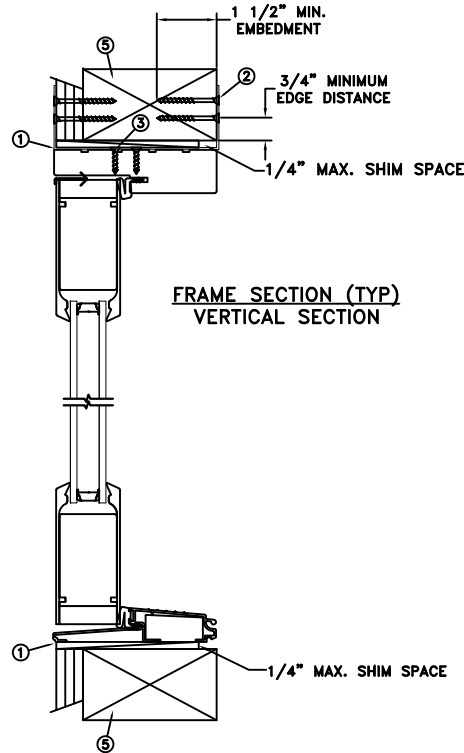
**JOSEPH A. REED, P.E.**  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM		SCALE: NTS
CHECKED BY: D.Vezo	TITLE: F-4500 Outswing Door	
APPROVED BY: D.Vezo	RECORD No.:	
	D1000255	
REPORT No.:	CAD DWG. No.:	REV: B SHEET 9 of 10
NCTL-310-23-002 E4A0	-	

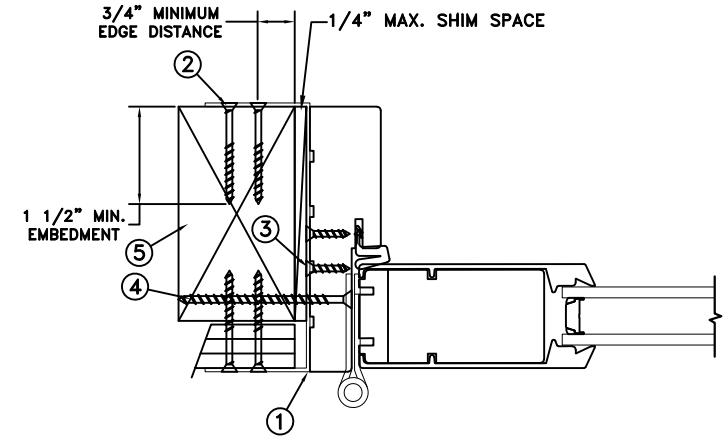
# MASONRY STRAP INSTALLATION



**TYPICAL ELEVATION WITH FASTENER SPACING**



**FRAME SECTION (TYP)  
VERTICAL SECTION**



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

MAXIMUM FRAME	DP	IMPACT
71.5 x 78.125	+50/-55	NO

**Installation Notes:**

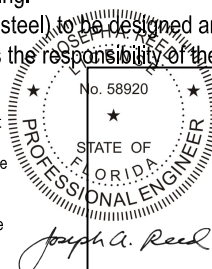
1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use min. 2 - #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. Bend straps around both sides of the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use min. 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 #8 PH or greater fastener through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.
4. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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](http://www.jeld-wen.com).

**DISCLAIMER:**  
This drawing and its contents are confidential and are not to be reproduced or copied in whole or in part or used or disclosed to others except as authorized by JELD-WEN Inc.



This item has been digitally signed and sealed by Joseph A. Reed, PE on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.04.02 09:09:58 -04'00'  
**JOSEPH A. REED, P.E.**  
Florida P.E. No. 58920, REG. No. 33474  
5 Leigh Drive  
York, PA. 17406  
(717) 846-1200

DATE: 03/20/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: M.HAM		SCALE: NTS	
CHECKED BY: D.Vezo	<b>F-4500 Outswing Door</b>		
APPROVED BY: D.Vezo			
RECORD No.: D1000255			
REPORT No.: NCTL-310-23-002 E4A0	CAD DWG. No.: -	REV: B	SHEET 10 of 10