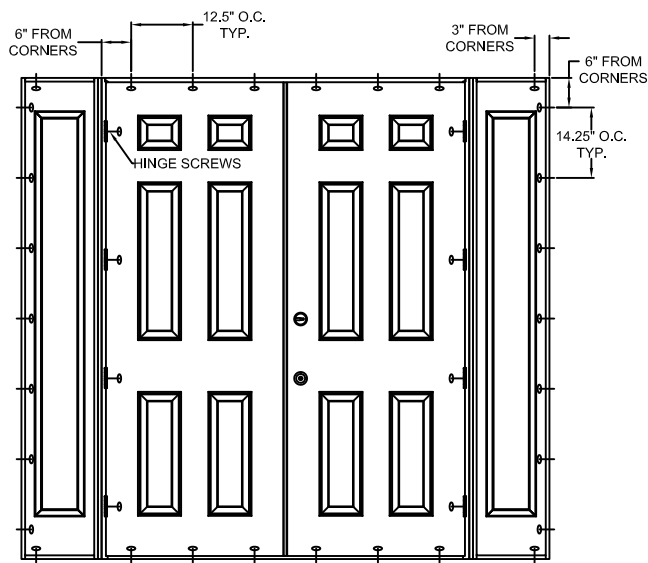
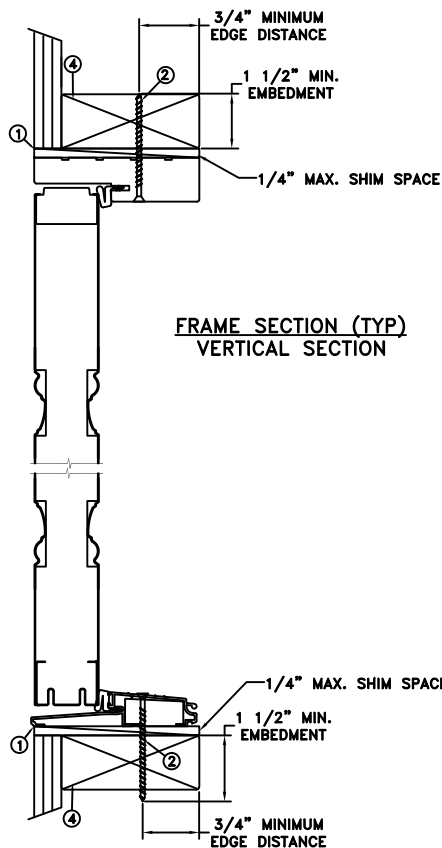


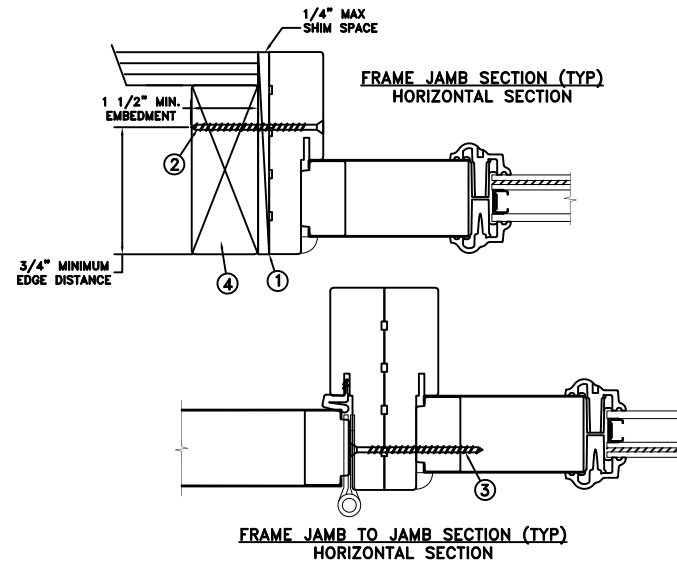
# THROUGH FRAME INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



MAXIMUM FRAME	DP	IMPACT
107 x 98	+47/-43	YES

### 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. Install corrosion resistant (2) - 1/4"x 3" Tapcon screws through each hinge into rough opening.
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).

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*Michael D. Stremmel*  
2023.11.17 12:37:57 -0500'

**MICHAEL D. STREMMEL, P.E.**  
Florida P.E. No. 65868, REG. No. 37122  
1410 Eden Road  
York, PA. 17406  
(717) 916-6300

DATE:  
09/27/2023

SCALE:  
NTS

DRAWN BY:  
M.HAM

CHECKED BY:  
D.Vezo

APPROVED BY:  
D.Vezo

RECORD No.:  
D015025

REPORT No.:  
CTLA696WA

**JELD-WEN**

3737 LAKEPORT BLVD.  
KLAMATH FALLS OR, 97601  
PHONE: (800) 535-3936

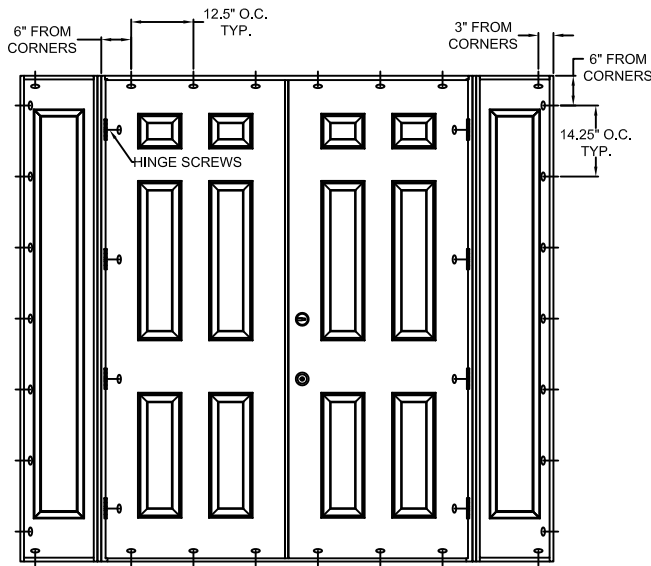
Contours Steel Wood Edge Opaque Outswing OXXO

CAD DWG. No.:  
-

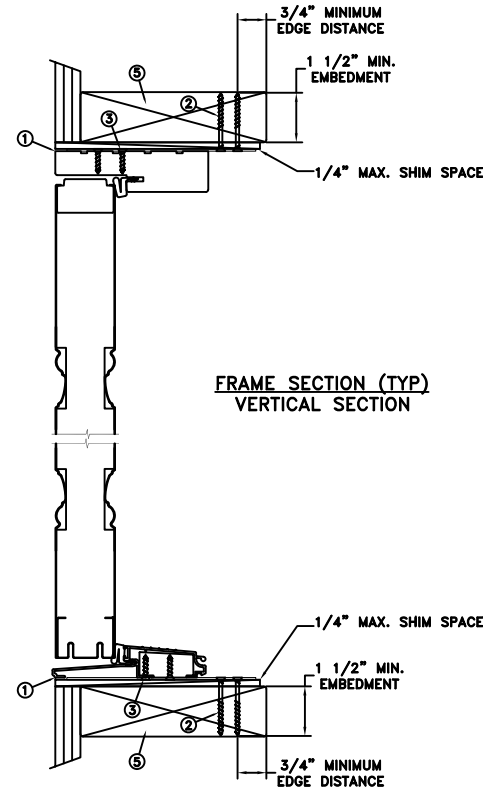
REV:  
C

SHEET  
1 of 5

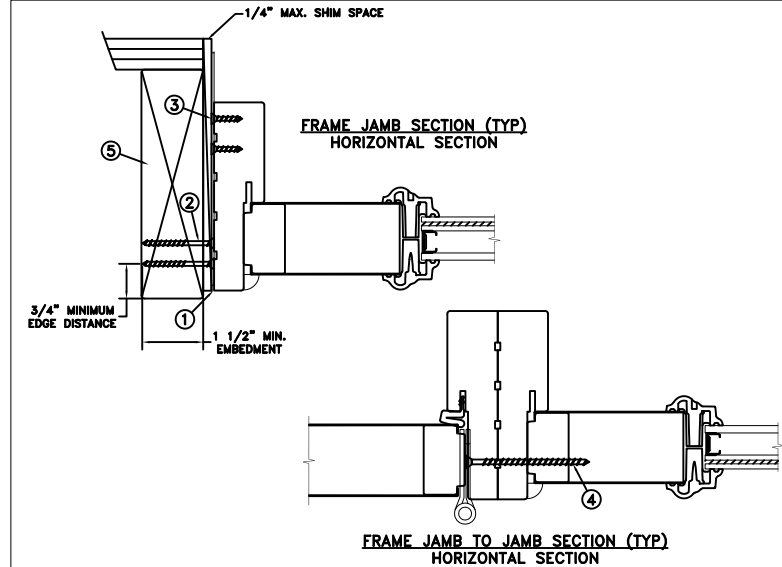
# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



MAXIMUM FRAME	DP	IMPACT
107 x 98	+47/-43	YES

### 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. Install corrosion resistant (2) - 1/4"x 3" Tapcon screws through each hinge into rough opening.
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).

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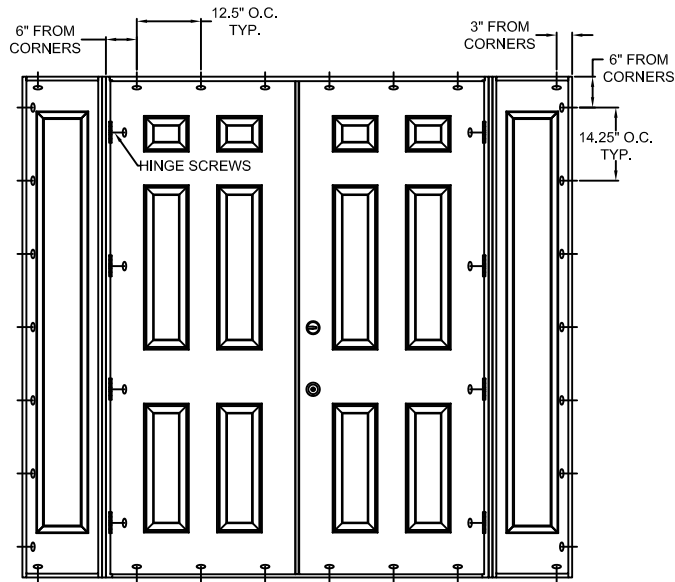
*Michael D. Stremmel*  
2023.11.17 12:37:57 -0500'

**MICHAEL D. STREMMEL, P.E.**  
Florida P.E. No. 65868, REG. No. 37122  
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York, PA. 17406  
(717) 916-6300

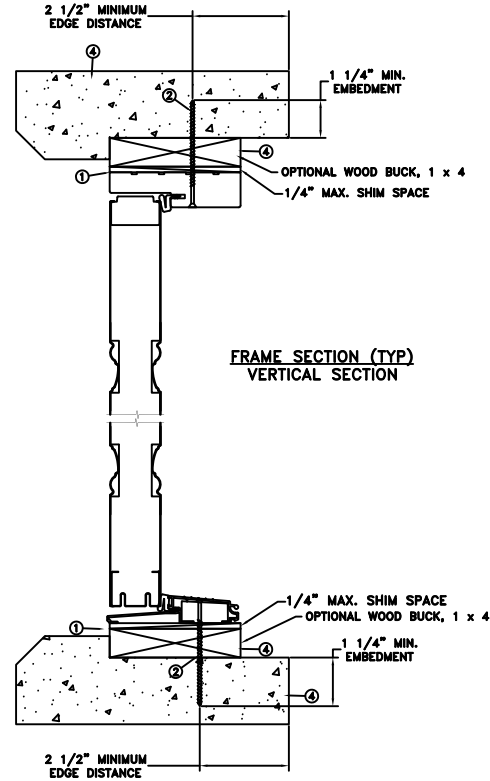
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DATE: 09/27/2023	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.Vezo	TITLE: Contours Steel Wood Edge Opaque Outswing OXXO
APPROVED BY: D.Vezo	RECORD No.: D015025
REPORT No.: CTLA696WA	CAD DWG. No.: —
REV: C	SHEET 2 of 5

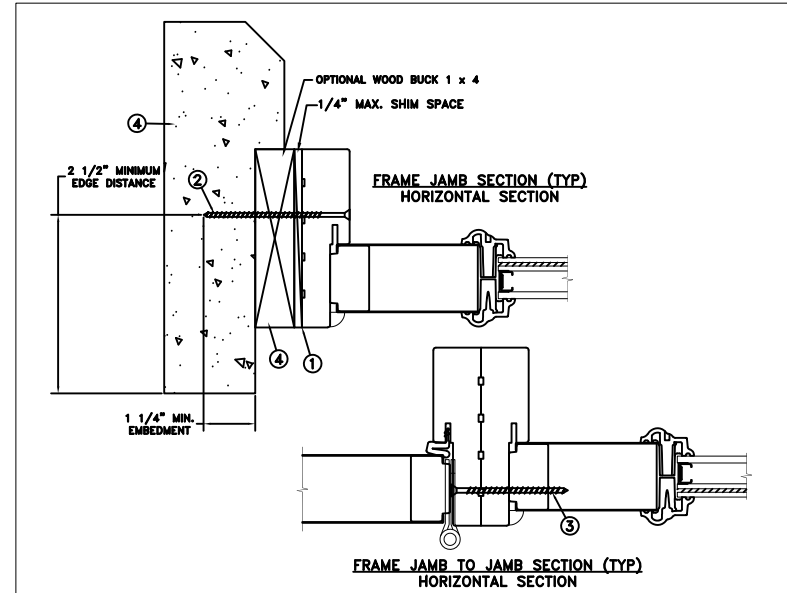
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB TO JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
107 x 98	+47/-43	YES

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. Install corrosion resistant (2) - 1/4"x 3" Tapcon screws through each hinge into rough opening.
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).

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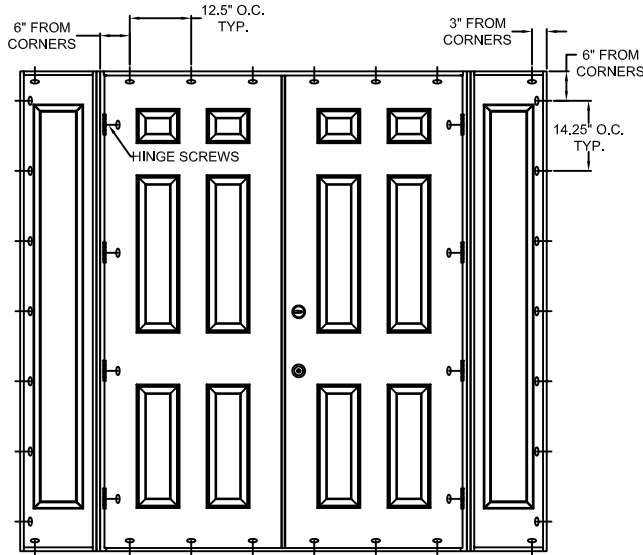
*Michael D. Stremmel*  
2023.11.17 12:37:57 -0500'

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Florida P.E. No. 65868, REG. No. 37122  
1410 Eden Road  
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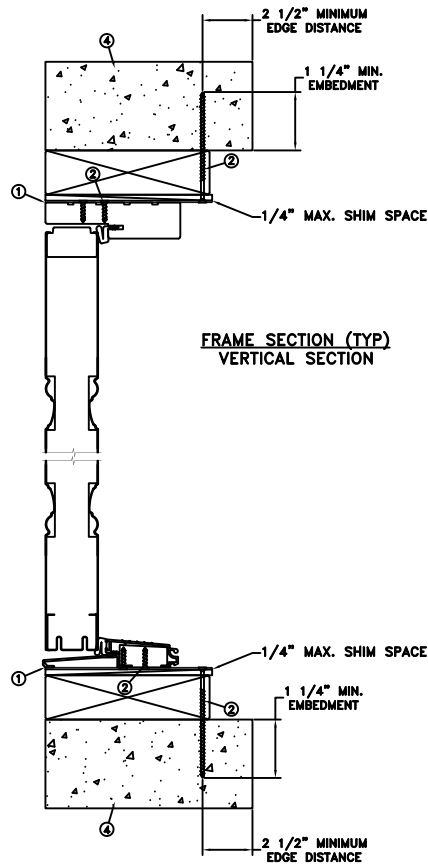
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DATE: 09/27/2023	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.Vezo	TITLE: Contours Steel Wood Edge Opaque Outswing OXXO
APPROVED BY: D.Vezo	RECORD No.: D015025
REPORT No.: CTLA696WA	CAD DWG. No.: —
REV: C	SHEET 3 of 5

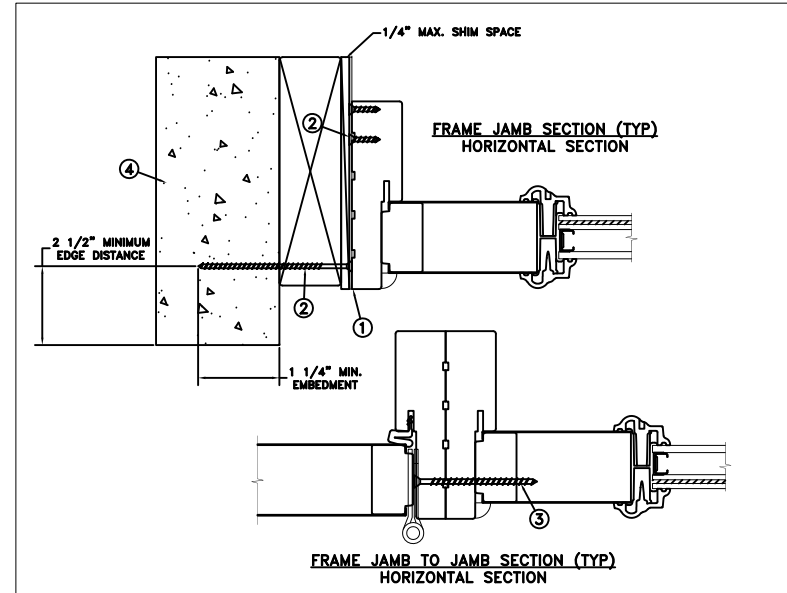
CONCRETE/MASONRY  
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



FRAME JAMB SECTION (TYP)  
HORIZONTAL SECTION

FRAME JAMB TO JAMB SECTION (TYP)  
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
107 x 98	+47/-43	YES

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) - 1/4" 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. Install corrosion resistant (2)- 1/4"x 3" Tapcon screws through each hinge into rough opening.
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).

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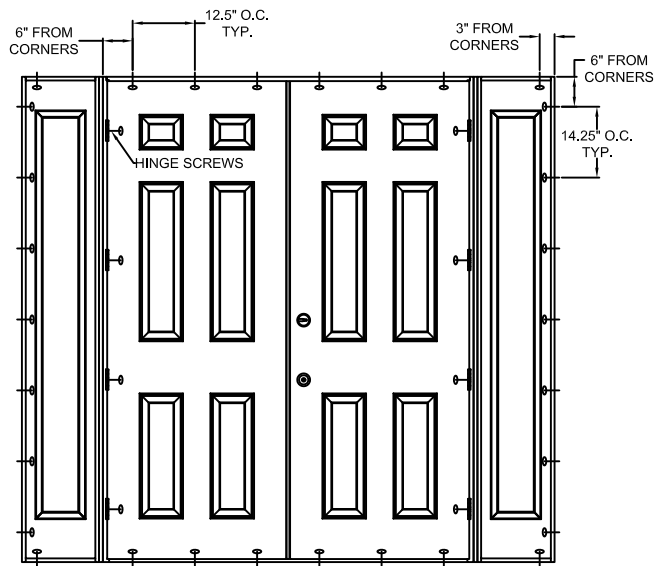
*Michael D. Stremmel*  
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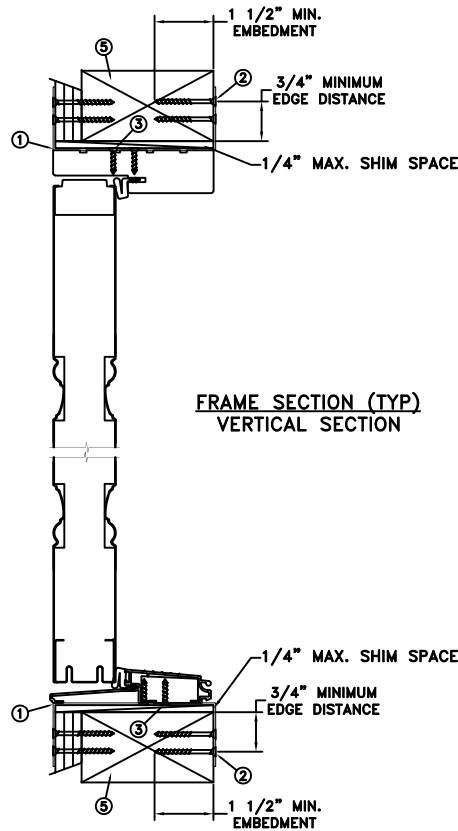
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DATE: 09/27/2023	<p>3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936</p>	
DRAWN BY: M.HAM		
CHECKED BY: D.Vezo	SCALE: NTS	
APPROVED BY: D.Vezo	TITLE: Contours Steel Wood Edge Opaque Outswing OXXO	
REPORT No.: CTLA696WA	RECORD No.: D015025	
CAD DWG. No.: -	REV: C	SHEET 4 of 5

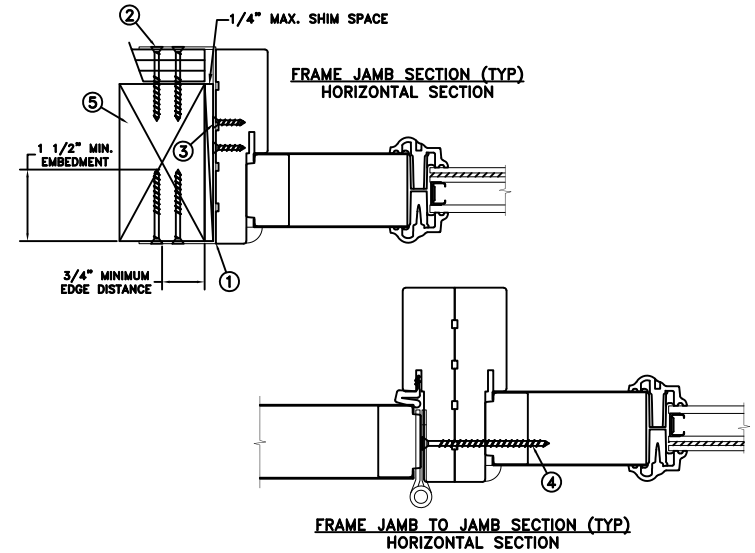
# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)  
VERTICAL SECTION



MAXIMUM FRAME	DP	IMPACT
107 x 98	+47/-43	YES

### 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. Install corrosion resistant (2)- 1/4"x 3" Tapcon screws through each hinge into rough opening.
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.

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1410 Eden Road  
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DATE: 09/27/2023		3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
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CHECKED BY: D.Vezo	TITLE: Contours Steel Wood Edge Opaque Outswing OXXO	
APPROVED BY: D.Vezo	RECORD No.:	CAD DWG. No.:
	D015025	—
REPORT No.:	CTLA696WA	REV: C
		SHEET 5 of 5