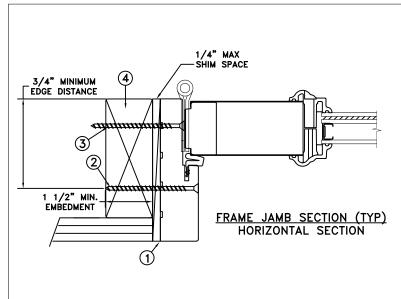


THROUGH FRAME INSTALLATION



	MAXIMUM FRAME	DP	IMPACT
	74 × 82	+60/-65	YES
- 1			

## Installation Notes:

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

- 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.
- All glazing shall conform to ASTM E1300.
- At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray - 3.1mm annealed glass.
- 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.

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MICHAEL D. STREMMEL, P.E. Florida P.E. No. 65868, REG. No. 37122

1410 Eden Road York, PA. 17406 (717) 916-6300

_			
		DATE: 09/15/2023	
	DRAWN BY: M.HAM	SCALE: NTS	
	CHECKED BY: D.VEZO	TITLE:	

TELEWEN KLAMATH FALLS OR, 97601

3737 LAKEPORT BLVD.

PHONE: (800) 535-3936

Contours Steel Wood Edge Inswing Glazed XX

D1000368

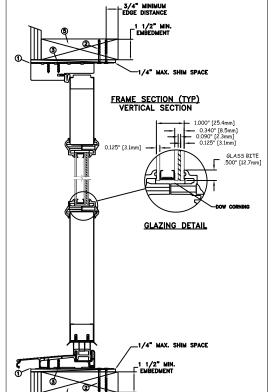
REPORT No.: NCTL-210-3195-1

APPROVED BY:

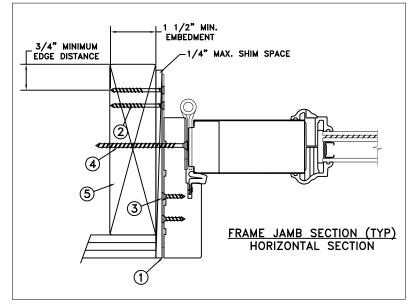
D.VEZO

CAD DWG. No.:

SHEET 1 of 10



3/4" MINIMUM



MAXIMUM FRAME	DP	IMPACT
74 x 82	+60/-65	YES

## Installation Notes:

HINGE

**SCREWS** 

- 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).
- 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).

5.75" FROM

CORNERS

13.875" O.C

TYP.

12.5" O.C

0

TYPICAL ELEVATION WITH FASTENER SPACING

- 3. Use 2 #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability 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:**

- The product shown herein is designed, tested and manufactured to comply with the wind load criteria
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- All glazing shall conform to ASTM E1300.
- 3. At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray 3.1mm annealed glass.
- Use structural or composite shims where required.
- 5. 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.

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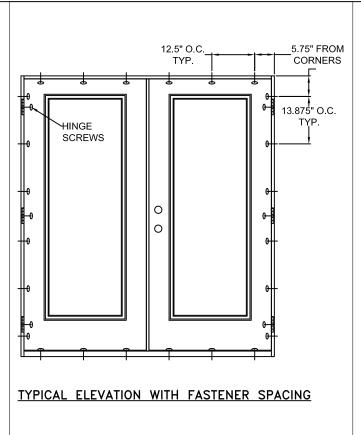
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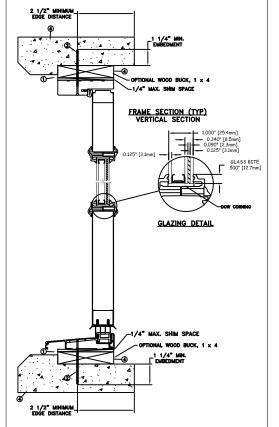
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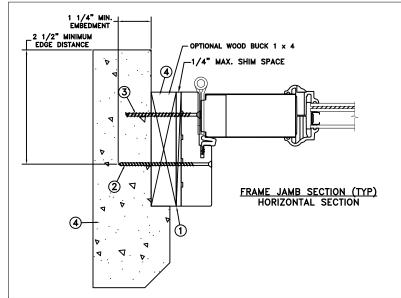
D. STREMMEL, P.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

	DATE: <b>09/1</b>	15/2023	TET	DWE	T.		37 LAKEPORT BLVD.
DRAWN BY: M.HAM	SCALE:	NTS	عندل ا	انا ۱۷ گای	4		ГН FALLS OR, 97601 NE: (800) 535-3936
CHECKED BY: D.VEZO	TITLE:			I.E.I. T		<u> </u>	1207
APPROVED BY: D.VEZO		Contours Steel Wood Edge Inswing Glazed XX					
D1000368							
REPORT No.: NCTL-210-3195-	1			CAD DWG. No.:	REV;	С	SHEET 2 of 10









MAXIMUM FRAME	DP	IMPACT
74 × 82	+60/-65	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).
- 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:**

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- Use structural or composite shims where required.

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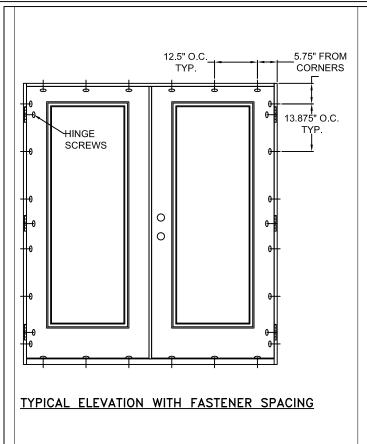


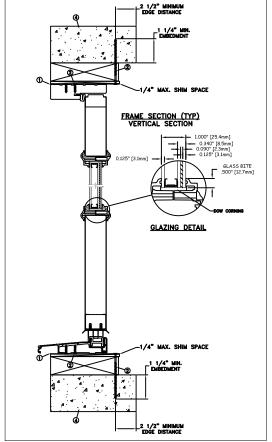
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2024.03.22 06.56:38 -04'00'
MICHAEL D. STREMMEL, P.E.

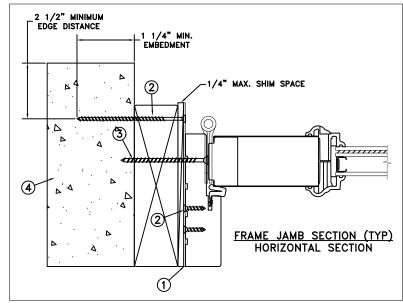
MICHAEL D. SIREMMEL, F.L. Florida P.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

	DATE: 09/1	5/2023	Tet	DWE	<b>T</b>	373	37 LAKEPORT BLVD
DRAWN BY: M.HAM	SCALE:	NTS	JEL	TA AA CTI	4		NE: (800) 535-3936
CHECKED BY: D.VEZO	TITLE:			I.E.I. T			1007
APPROVED BY: D.VEZO		Contours Steel Wood Edge Inswing Glazed XX					
D1000368							
REPORT No.: NCTL-210-3195	-1			CAD DWG. No.:	REV;	С	SHEET 3 of 10





CONCRETE/MASONRY INSTALLATION



	MAXIMUM FRAME	DP	IMPACT
	74 × 82	+60/-65	YES
- 1	•		

## 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).
- 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:**

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- All glazing shall conform to ASTM E1300.
- 3. At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray 3.1mm annealed glass.
- 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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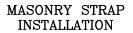


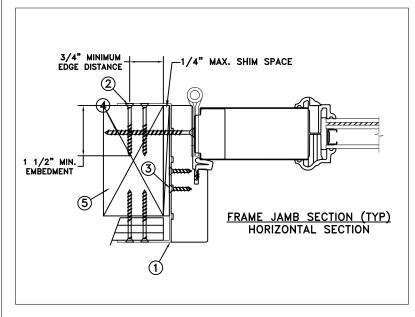
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D. SIREMMEL, F.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

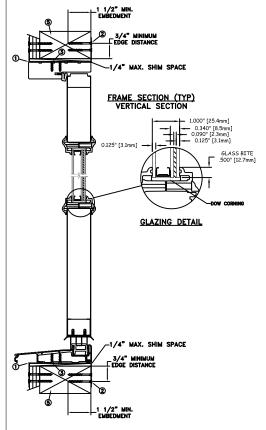
	DATE: 09/	15/2023	TET	DWEN	T	373	37 LAKEPORT BLVD
DRAWN BY: M.HAM	SCALE:	NTS	JÆŁ	AA CI			H FALLS OR, 97601 NE: (800) 535-3936
CHECKED BY: D.VEZO	TITLE:		<u> </u>	\.\ \   =   -		~!	1207
APPROVED BY: D.VEZO		Contours Steel Wood Edge Inswing Glazed XX					
D1000368							
REPORT No.: NCTL-210-3195-	1			CAD DWG. No.:	REV: (	$\Box$	<sup>SHEET</sup> 4 of 10





MAXIMUM FRAME	DP	IMPACT
74 x 82	+60/-65	YES
	•	•

# 12.5" O.C. 5.75" FROM TYP. **CORNERS** 13.875" O.C. TYP. HINGE **SCREWS** 0 O TYPICAL ELEVATION WITH FASTENER SPACING



## Installation Notes:

- 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).
- 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).
- Use min. 2 #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
- Install corrosion resistant (2)- 1/4"x 3" Tapcon screws through each hinge into rough opening.
- 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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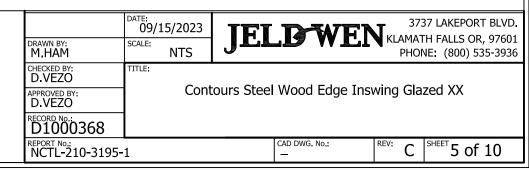


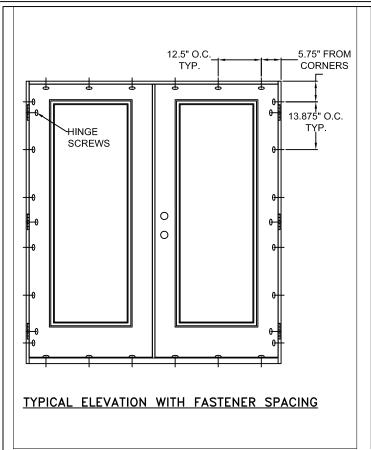
MICHAEL D. STREMMEL, P.E.

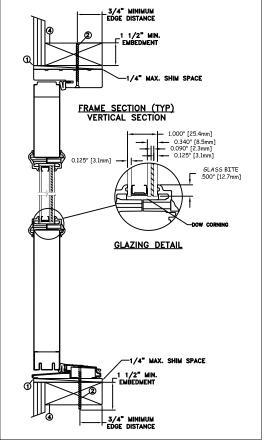
Florida P.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

## **General Notes:**

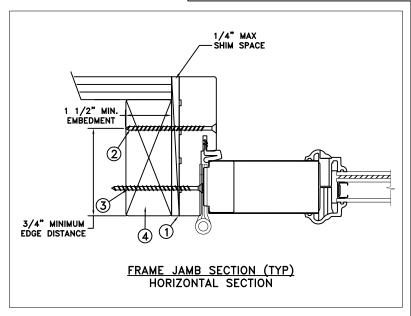
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- All glazing shall conform to ASTM E1300.
- At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray - 3.1mm annealed glass.
- Use structural or composite shims where required.
- Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.







THROUGH FRAME INSTALLATION



MAXIMUM FRAME	DP	IMPACT
74 x 82	+65/-60	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.

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- At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray - 3.1mm annealed glass.
- Use structural or composite shims where required.

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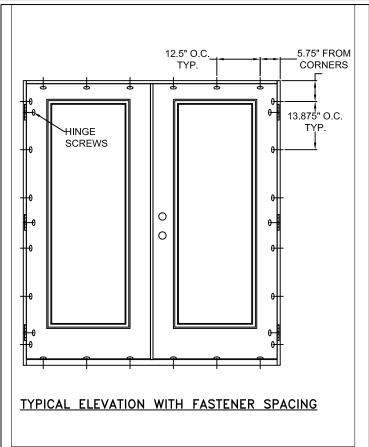


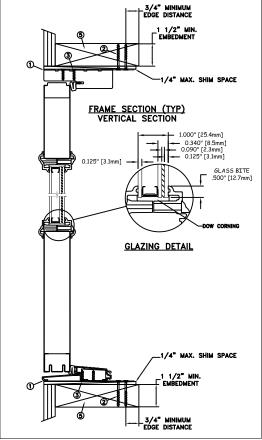
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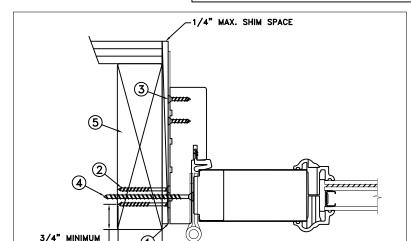
MICHAEL D. STREMMEL, P.E. Florida P.E. No. 65868, REG. No. 37122

D. SIREMMEL, P.E. 2. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

	DATE: 09/1!	5/2023	TET	DWE	T	373	37 LAKEPORT	BLVD.
DRAWN BY: M.HAM	SCALE:	NTS	JEL	TA AA CT	<b>₩</b> KL	amat Phon	H FALLS OR, 1 NE: (800) 535	97601 5-3936
CHECKED BY: D.VEZO	TITLE:	<u> </u>	G! !	W 151 01			1.07	
APPROVED BY: D.VEZO	Contours Steel Wood Edge Outswing Glazed XX							
D1000368								
REPORT No.: NCTL-210-3195-	1			CAD DWG. No.:	REV:	С	SHEET 6 of 1	0







MASONRY STRAP

INSTALLATION

MAXIMUM FRAME	DP	IMPACT
74 x 82	+65/-60	YES

FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

1 1/2" MIN. EMBEDMENT

## 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 visability 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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- All glazing shall conform to ASTM E1300.
- 3. At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray 3.1mm annealed glass.
- Use structural or composite shims where required.

EDGE DISTANCE

5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

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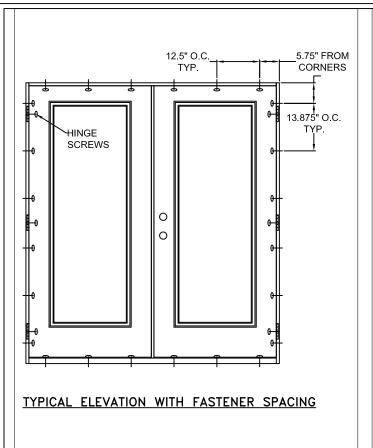


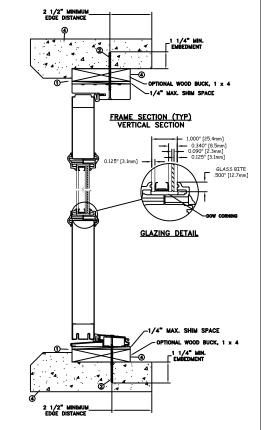
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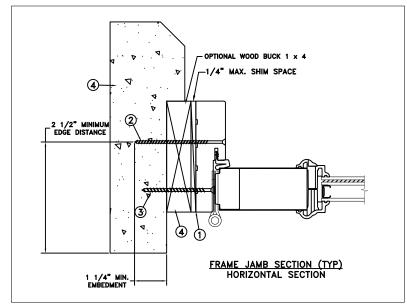
D. SIREMMEL, P.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

•							
	DATE: <b>09/</b> :	15/2023	TET	DWEN	T	373	37 LAKEPORT BLVD.
DRAWN BY: M.HAM	SCALE:	NTS	JEL	TA AA CTI.	<b>A</b> KD	amat Phoi	TH FALLS OR, 97601 NE: (800) 535-3936
CHECKED BY: D.VEZO	TITLE:		G: 1:				1207
APPROVED BY: D.VEZO		Conto	ours Steel	Wood Edge Outs	swing	j Gla	azed XX
D1000368							
REPORT No.: NCTL-210-3195-	 1			CAD DWG, No.:	REV:	C	<sup>SHEET</sup> 7 of 10









MAXIMUM FRAME	DP	IMPACT
74 × 82	+65/-60	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.

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- Use structural or composite shims where required.

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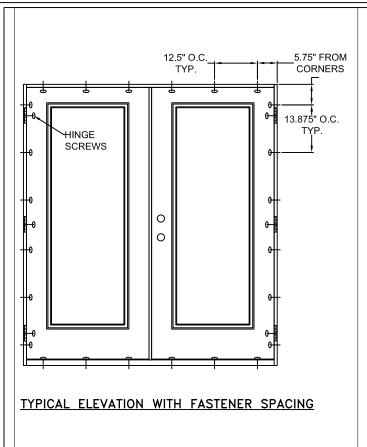


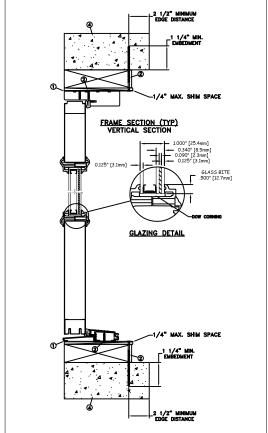
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MICHAEL D. STREMMEL, P.E. Florida P.E. No. 65868, REG. No. 37122

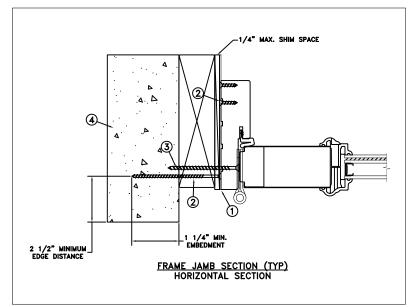
No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

	DATE: 09/1	15/2023	TET	DWEN	T	373	37 LAKEPORT	BLVD.
DRAWN BY: M.HAM	SCALE:	NTS	JCL	TA AA CTI.	<b>K</b> L	amat Phoi	TH FALLS OR, NE: (800) 535	97601 5-3936
CHECKED BY: D.VEZO	TITLE:		GI I			<u> </u>	1.207	
APPROVED BY: D.VEZO		Conto	ours Steel	Wood Edge Outs	swing	g Gla	azed XX	
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REPORT No.: NCTL-210-3195-	 ·1			CAD DWG. No.:	REV:	С	SHEET 8 of 1	<u></u> 10





## CONCRETE/MASONRY INSTALLATION



131) 1	
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+65/-60	YES
4	-65/-60

## 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).
- 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:**

- 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.
- All glazing shall conform to ASTM E1300.
- 3. At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray 3.1mm annealed glass.
- Use structural or composite shims where required.
- 5. 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.

#### DISCLAIMER:

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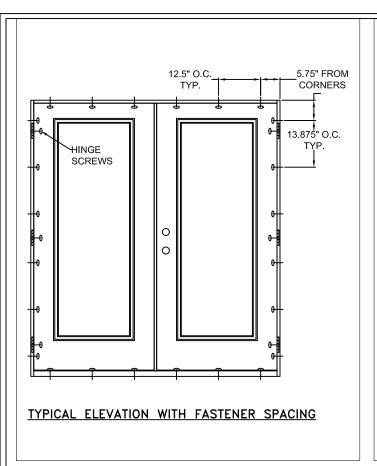


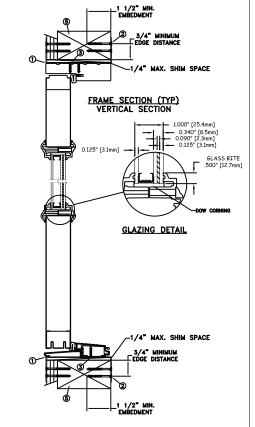
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MICHAEL D. STREMMEL, P.E.

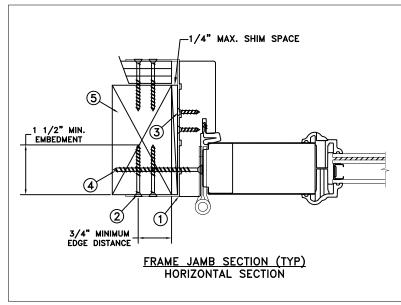
MICHAEL D. SIREMMEL, P.E. Florida P.E. No. 65868, REG. No. 37122 1410 Eden Road York, PA. 17406 (717) 916-6300

	DATE: 09/15/2023	IELD WE	<b>T</b> 37.	37 LAKEPORT BLVD
DRAWN BY: M.HAM	SCALE: NTS	JCLL WC.		TH FALLS OR, 9760: NE: (800) 535-3936
CHECKED BY: D.VEZO	TITLE:	St. 134 - 151 - 6		1.07
APPROVED BY: D.VEZO	Conto	ours Steel Wood Edge Out	tswing Gi	azed XX
D1000368				
REPORT No.: NCTL-210-3195-	1	CAD DWG. No.:	REV: C	SHEET 9 of 10





MASONRY STRAP INSTALLATION



MAXIMUM FRAME	DP	IMPACT
74 x 82	+65/-60	YES

## Installation Notes:

- 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).
- 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).
- Use min. 2 #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
- Install corrosion resistant (2)- 1/4"x 3" Tapcon screws through each hinge into rough opening.
- 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.

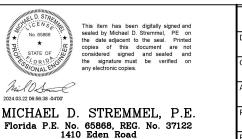
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise 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:** 

- 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.
- All glazing shall conform to ASTM E1300.
- At minimum, glazing shall be 3.1mm annealed 13.7mm airspace 3.1mm annealed 2.3mm PVB Interlayer by Kurraray - 3.1mm annealed glass.
- Use structural or composite shims where required.
- Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.



sealed by Michael D. Stremmel,

the date adjacent to the seal.

1410 Eden Road York, PA. 17406

(717) 916-6300

