

| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +50/-55 | NO |

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 nailing flange 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)
- 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- Use structural or composite shims where required.

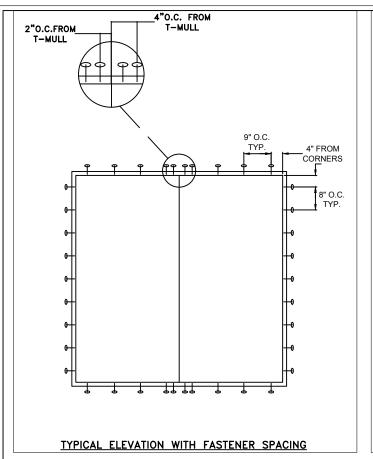
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

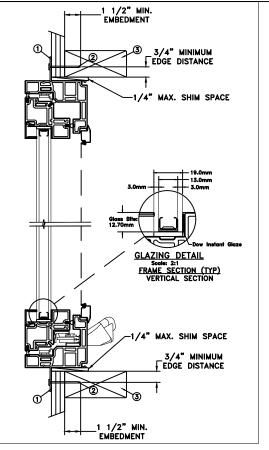
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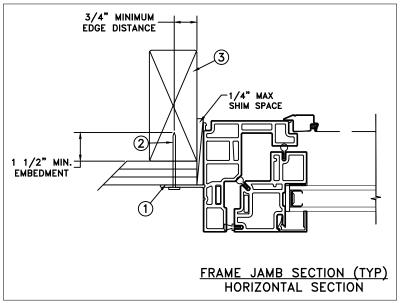
Florida P.E. No. 58920, REG. No. 33474 5 Leigh Drive York, PA. 17406 (717) 846-1200

| | DATE: 04/3 | 0/2020 | TET | DWEN | T., | 373 | 37 LAK | EPOI | RT BLVD. |
|-------------------------------|------------|--------|-------------|-----------------|-------|---------------|--------|----------------|----------|
| DRAWN BY: T. BROOKS | SCALE: | NTS | عندل | 717 AA 17.T | KL | ama i Phoi | NE: (8 | LS () 00) ! | 535-3936 |
| CHECKED BY: D. BELAU | TITLE: | _ | | | | | | | |
| APPROVED BY: J. KANTOLA | | Α | uraline Coi | mposite Two Wid | ie Ca | asen | nent | | |
| RECORD No.: D015677 | | | | | | | | | |
| REPORT No.: NCTL-310-20-03 | 6 | · | | CAD DWG. No.: | REV: | Α | SHEET | 1 (| of 10 |





NAILFIN/NAIL-WOOD **INSTALLATION**



| MAXIMUM FRAME | DP | IMPACTI |
|---------------|---------------------------------------|---------|
| 72" x 72" | +50/-55 | NO |
| | · · · · · · · · · · · · · · · · · · · | |

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 6d x 2" fastener through the nailing flange 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)
- 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.
- At minimum, glazing is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- Use structural or composite shims where required.

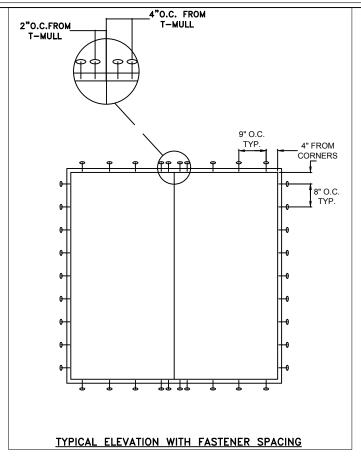
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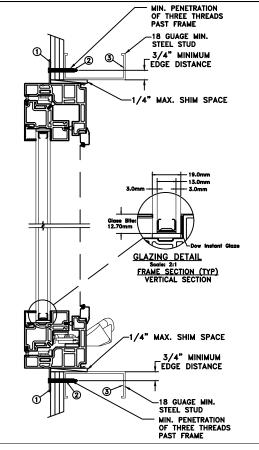
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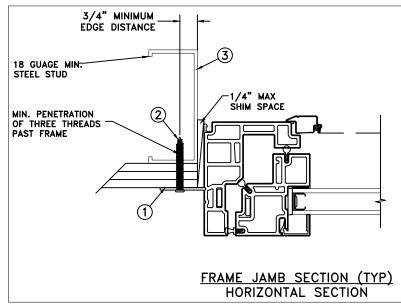
Florida P.E. No. 58920, REG. No. 33474 5 Leigh Drive York, PA. 17406 (717) 846-1200

| | DATE: 04/ 3 | 30/2020 | IEI | D-WEI | T., | 373 | 37 LAK | EPOR | T BLVD. |
|-------------------------------|--------------------|---------|-------------|----------------------|-------|------|--------|-------|---------|
| DRAWN BY: T. BROOKS | SCALE: | NTS | عندل | 117. AA 17.1. | KL | PHO | NE: (8 | 00) 5 | 35-3936 |
| CHECKED BY: D. BELAU | TITLE: | | l: 0 | '' T 14" | | | | | |
| APPROVED BY: J. KANTOLA | | A | uraline Coi | nposite Two Wid | ie Ca | asen | nent | | |
| RECORD No.: D015677 | | | | | | | | | |
| REPORT No.: NCTL-310-20-03 | 6 | | | CAD DWG. No.: | REV: | Α | SHEET | 2 o | f 10 |









| MAXIMUM FRAMF | l DP | IMPACTI |
|---------------|-----------|-------------|
| 70" 70" | . 50 / 55 | 11111 / (01 |
| /2" x /2" | +50/ -55 | NO |
| / Z | 1.00/ 00 | 110 |

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).
- For anchoring through nailfin into metal framing use #10 TEK Self-Tapping screws with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksi.
- 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- Use structural or composite shims where required.

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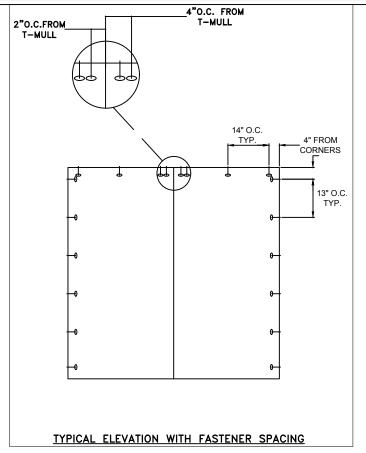
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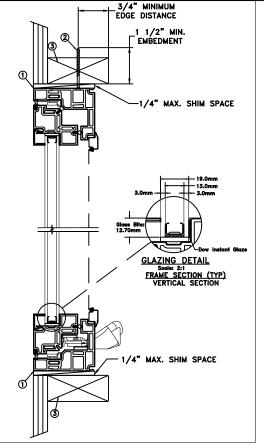


3737 LAKEPORT BLVD. 04/30/2020 TELD WEN KLAMATH FALLS OR, 97601 DRAWN BY: SCALE: NTS PHONE: (800) 535-3936 T. BROOKS CHECKED BY:

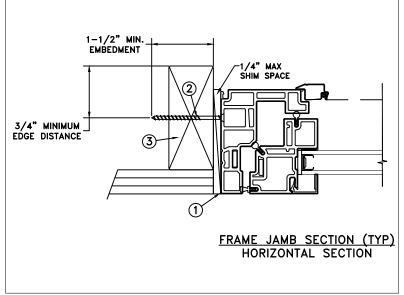
D. BELAU TITLE: APPROVED BY:

J. KANTOLA Auraline Composite Two Wide Casement RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 3 of 10





THROUGH FRAME/SCREW WOOD INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +50/-55 | NO |

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fasteners are 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)
- 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.
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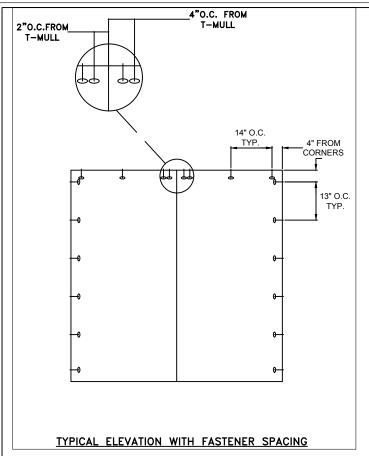
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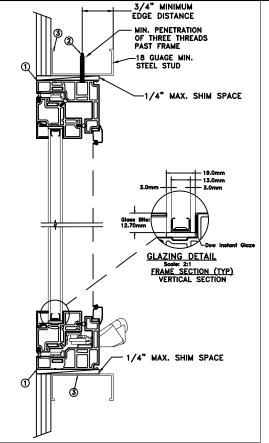


3737 LAKEPORT BLVD. 04/30/2020 TELE WEN KLAMATH FALLS OR, 97601 SCALE: DRAWN BY: NTS T. BROOKS PHONE: (800) 535-3936 CHECKED BY:

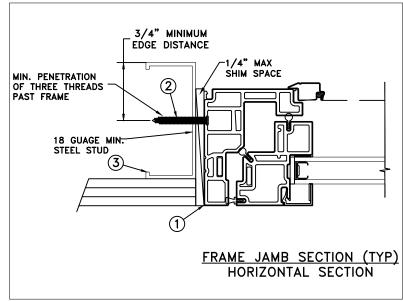
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 4 of 10





THROUGH FRAME/SCREW STEEL INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" × 72" | +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. For anchoring through head and side jambs into metal framing use #10 TEK Self-Tapping screws with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18qa., fy = 33 ksi.
- 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- 4. 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.

DISCLAIMER

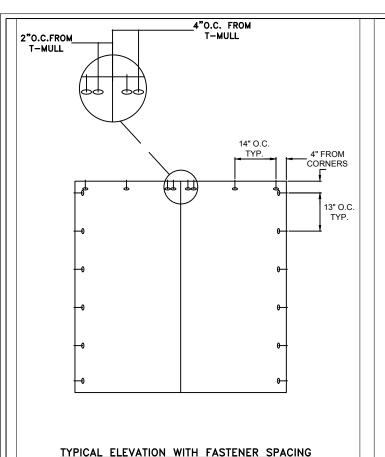
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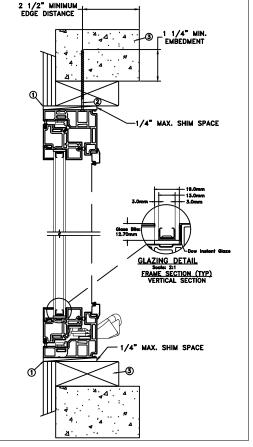


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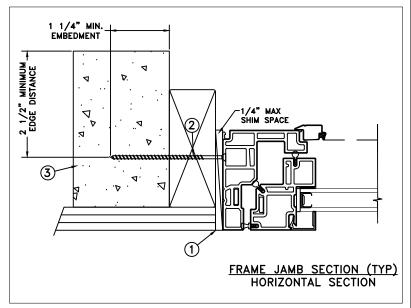
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 5 of 10





THROUGH FRAME/SCREW CONCRETE INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +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).
- Use 3/16" Tapcon or equivalent fasteners through the head and side jambs 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 be ASTM C90).
- 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.

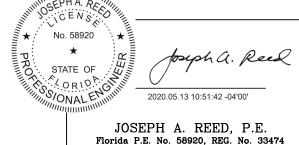
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- All glazing shall conform to ASTM E1300.
- 3. At minimum, glazing is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- 4. Use structural or composite shims where required.

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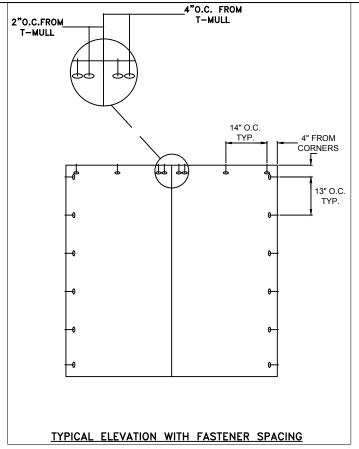


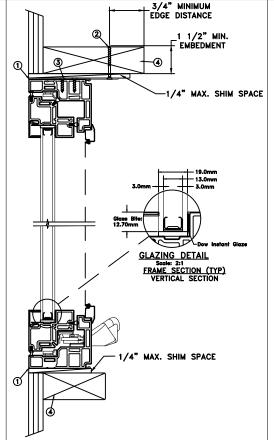
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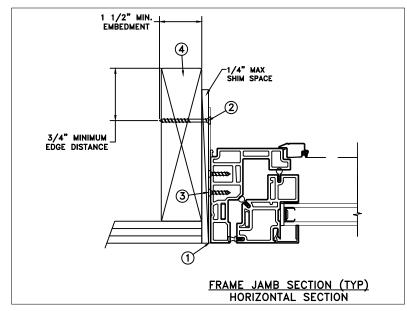
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 6 of 10





MASONRY STRAP WOOD/SCREW INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +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).
- 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. 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
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No. 58920

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No. 58920

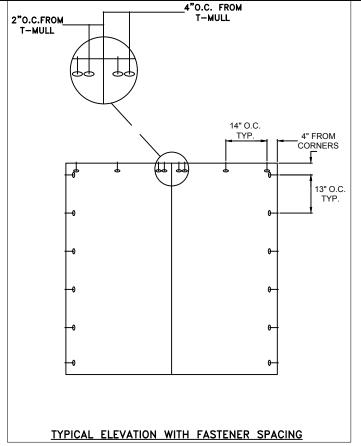
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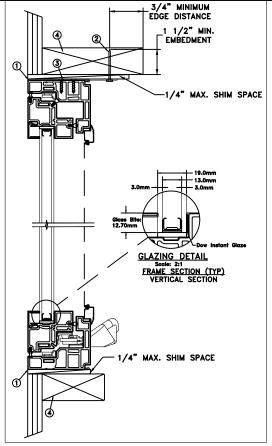
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3737 LAKEPORT BLVD. 04/30/2020 TELEWEN KLAMATH FALLS OR, 97601 DRAWN BY: SCALE: NTS T. BROOKS PHONE: (800) 535-3936 CHECKED BY:

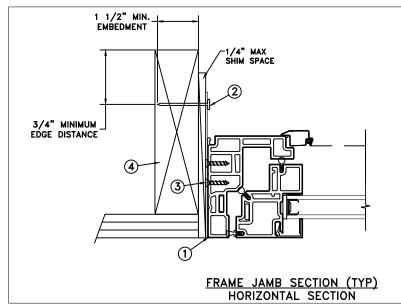
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 7 of 10





MASONRY STRAP WOOD/NAIL INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +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).
- Use 2 6d x 2" 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).
- 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. 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- 4. Use structural or composite shims where required.

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DISCLAIMER

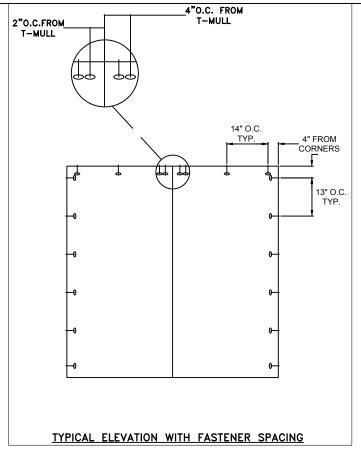
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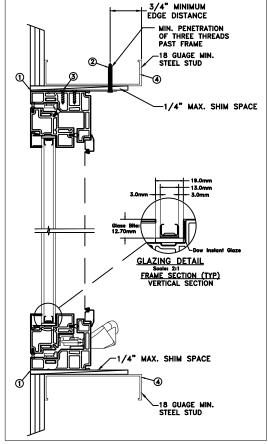
JOSEPH A. REED, P.E.
Florida P.E. No. 58920, REG. No. 33474
5 Leigh Drive
York, PA. 17406
(717) 846-1200

3737 LAKEPORT BLVD. 04/30/2020 TELEWEN KLAMATH FALLS OR, 97601 DRAWN BY: SCALE: NTS T. BROOKS PHONE: (800) 535-3936 CHECKED BY:

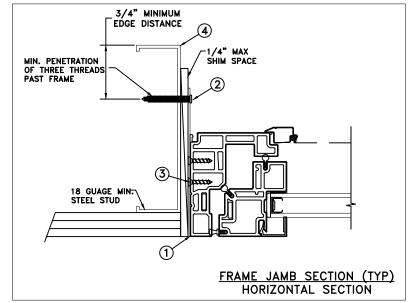
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 8 of 10





MASONRY STRAP STEEL/SCREW INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +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 #10 TEK Self-Tapping or larger screws through masonry strap with sufficient length to achieve a minimum penetration of three threads past the frame thickness. Steel substrate min. 18qa., fy = 33 ksi.
- 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. 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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DISCLAIMER

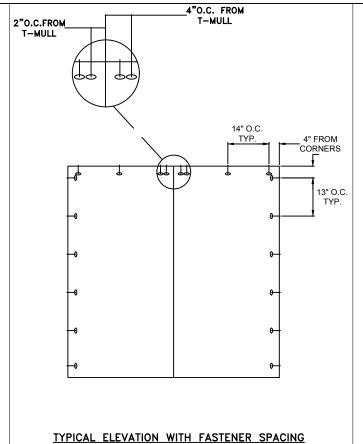
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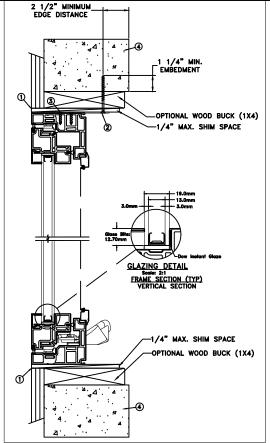


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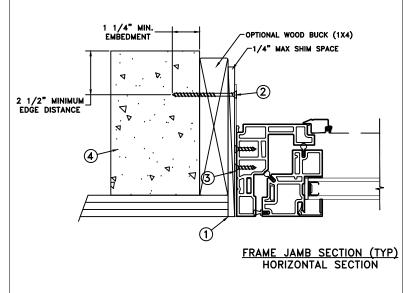
D. BELAU TITLE: Auraline Composite Two Wide Casement APPROVED BY:

J. KANTOLA RECORD No.: D015677 REPORT No.: NCTL-310-20-036 CAD DWG. No.: 9 of 10





MASONRY STRAP CONCRETE SCREW INSTALLATION



| MAXIMUM FRAME | DP | IMPACT |
|---------------|---------|--------|
| 72" x 72" | +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).
- Use 2 3/16" Tapcon or equivalent fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/4" into the buck or concrete. For 2x wood frame substrate (min. S.G. = 0.42). For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall be ASTM C90).
- 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. 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 is 3.0 mm annealed 13.0 mm airspace 3.0 annealed glass.
- 4. 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.

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.

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

| | | DATE: 04/30/2020 | TET TO-SATENT 3737 LAKEPORT BLV | /D. |
|--|--------------------------------|--------------------------------------|--|-----|
| | DRAWN BY: T. BROOKS | SCALE: NTS | JELD-WEN KLAMATH FALLS OR, 976 PHONE: (800) 535-39 | |
| | CHECKED BY: D. BELAU | Auraline Composite Two Wide Casement | | |
| | APPROVED BY: J. KANTOLA | | | |
| | RECORD No.: D015677 | | | |
| | REPORT No.: NCTI -310-20-03 | 6 | CAD DWG. No.: REV: A SHEET 10 of 1 | 0 |