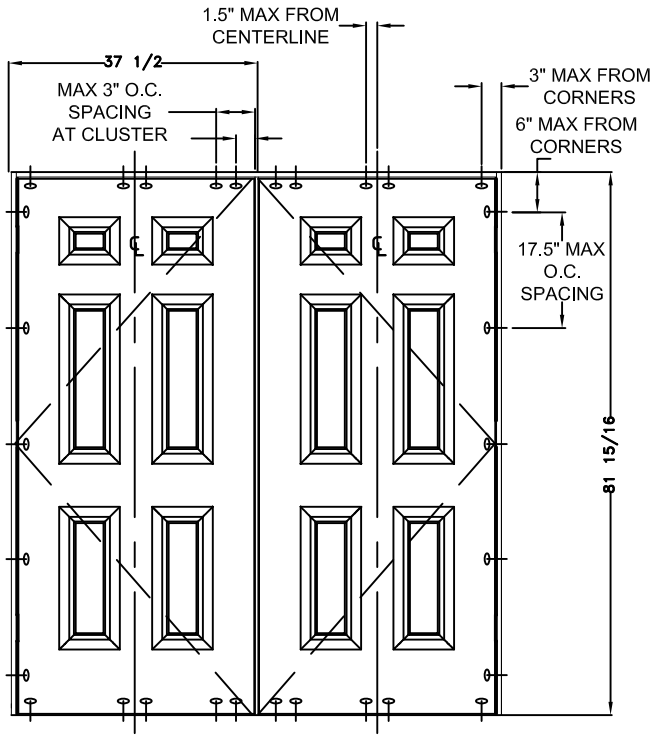
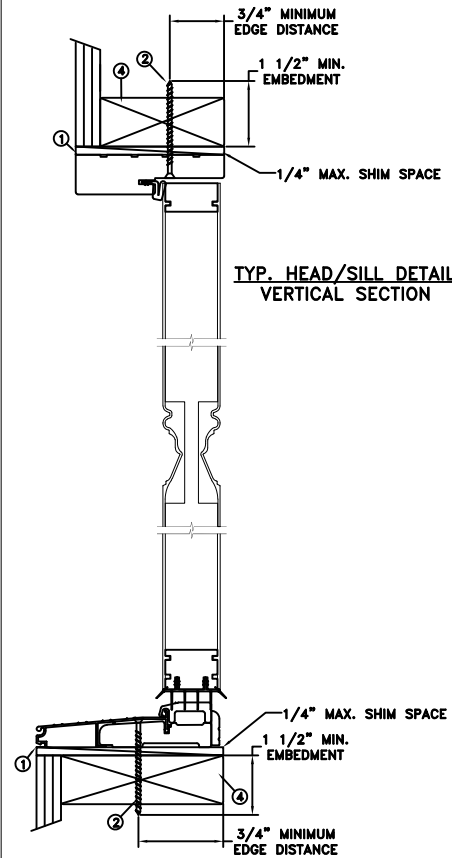
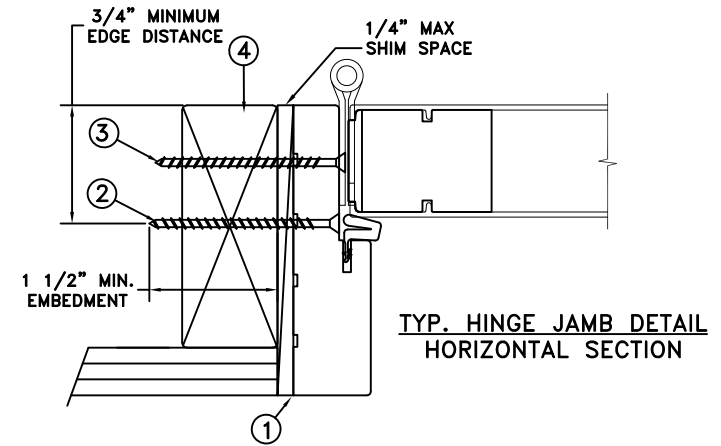




TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL  
VERTICAL SECTION



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.9375  | +50/-50 | 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 #10 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. = 0.55).
3. Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2025.04.22 21:02:00 -04'00'

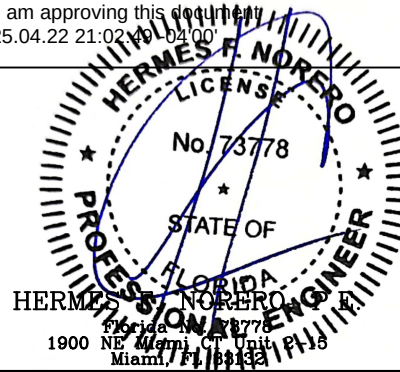
#### General Notes:

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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

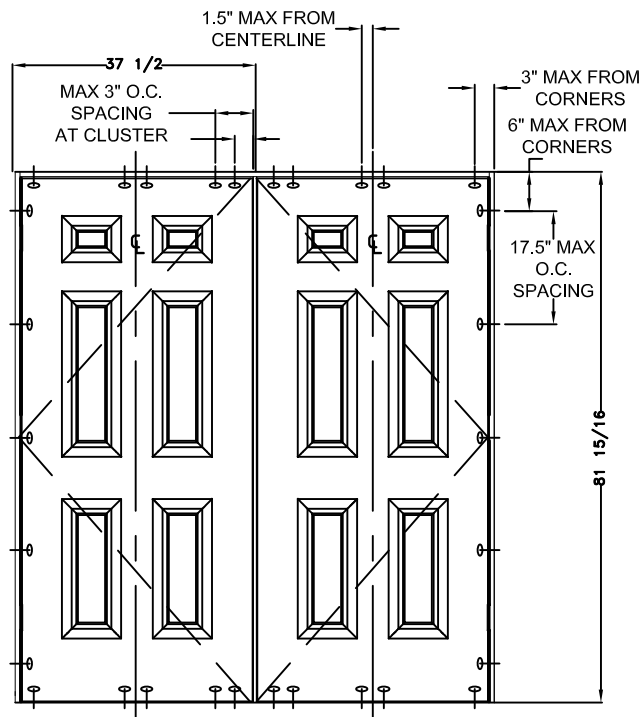
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

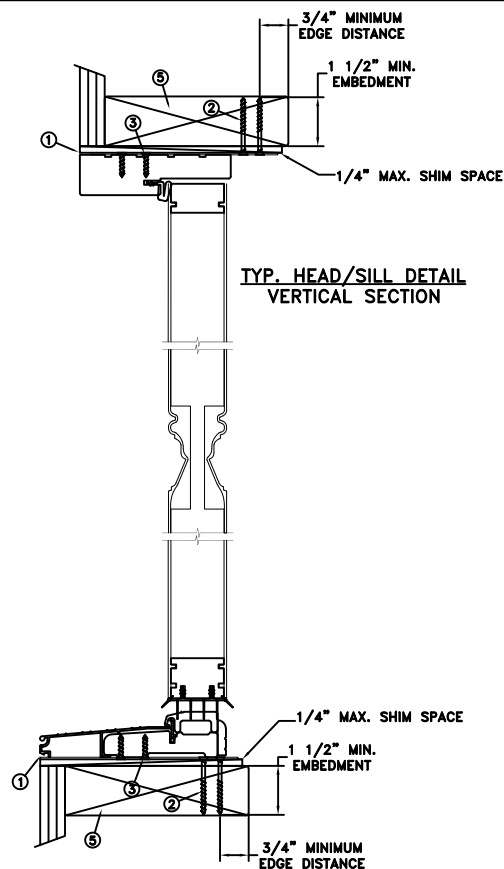
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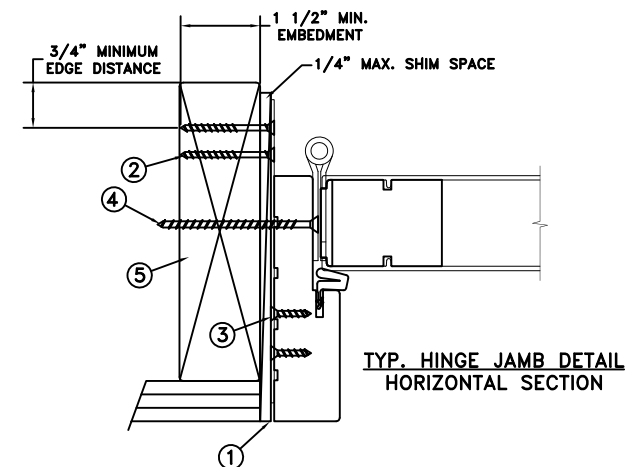
|                                |                                                                                              |                                                                                                                                                               |                      |
|--------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|                                | DATE:<br>04/02/2025                                                                          |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                      |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                                |                                                                                                                                                               |                      |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br><br>Inswing 2 Panel |                                                                                                                                                               |                      |
| APPROVED BY:<br>D.Vezo         |                                                                                              |                                                                                                                                                               |                      |
| RECORD No.:<br>D1000184        |                                                                                              |                                                                                                                                                               |                      |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                              | CAD DWG. No.:<br>D015718                                                                                                                                      | REV: B SHEET 1 of 20 |



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL  
VERTICAL SECTION



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

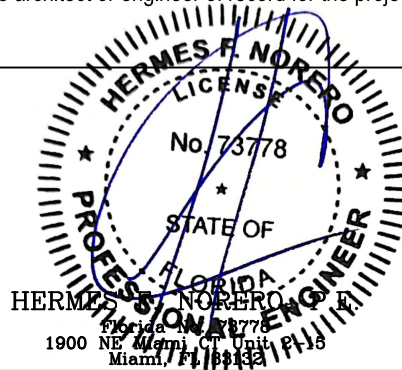
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.9375  | +50/-50 | NO     |

#### 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 two (2) - #10 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. = 0.55).
3. Use two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.

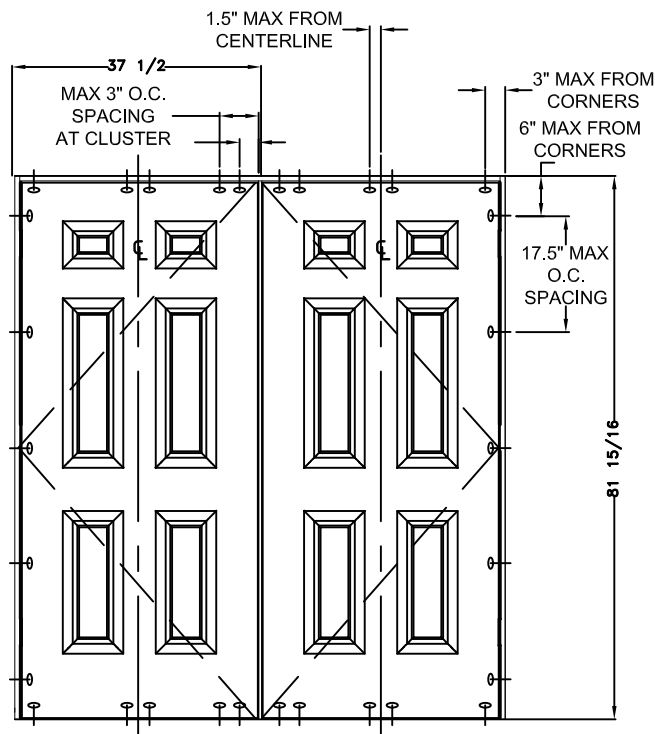


|                                |                                                                                          |                                                                                       |                         |               |
|--------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|---------------|
|                                | DATE:<br>04/02/2025                                                                      |  | 3737 LAKEPORT BLVD.     |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                            |                                                                                       | KLAMATH FALLS OR, 97601 |               |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Inswing 2 Panel |                                                                                       |                         |               |
| APPROVED BY:<br>D.Vezo         |                                                                                          |                                                                                       |                         |               |
| RECORD No.:<br>D1000184        |                                                                                          |                                                                                       |                         |               |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                          | CAD DWG. No.:<br>D015718                                                              | REV: B                  | SHEET 2 of 20 |

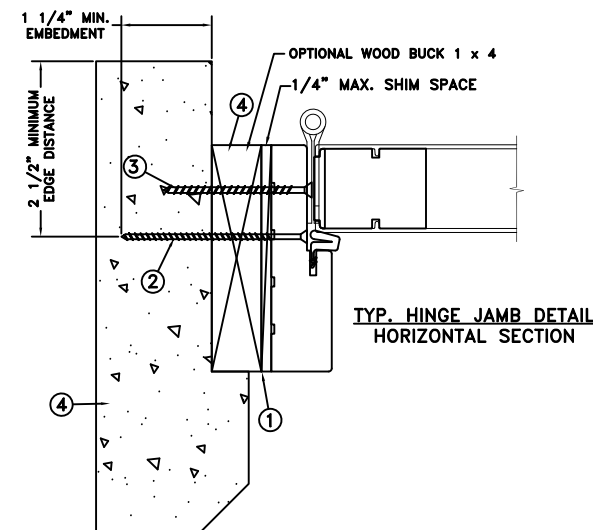
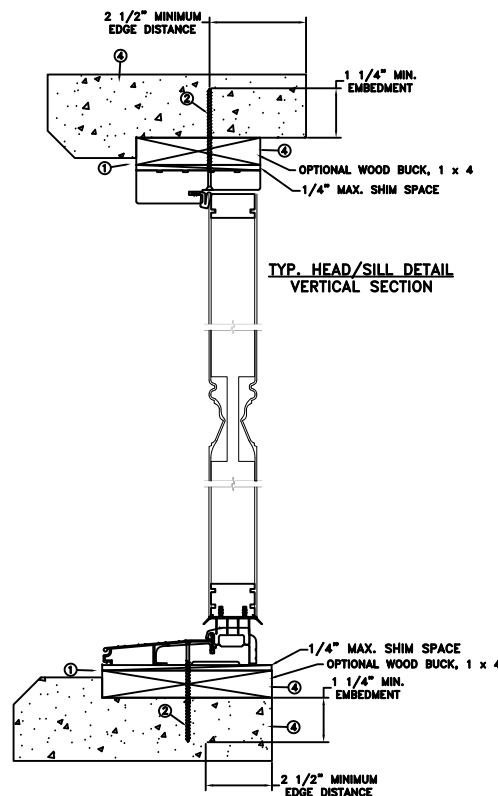
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

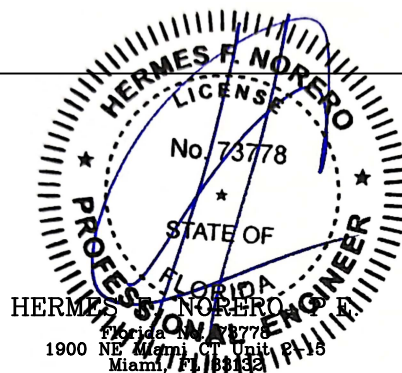
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.9375  | +50/-50 | NO     |

## 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. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

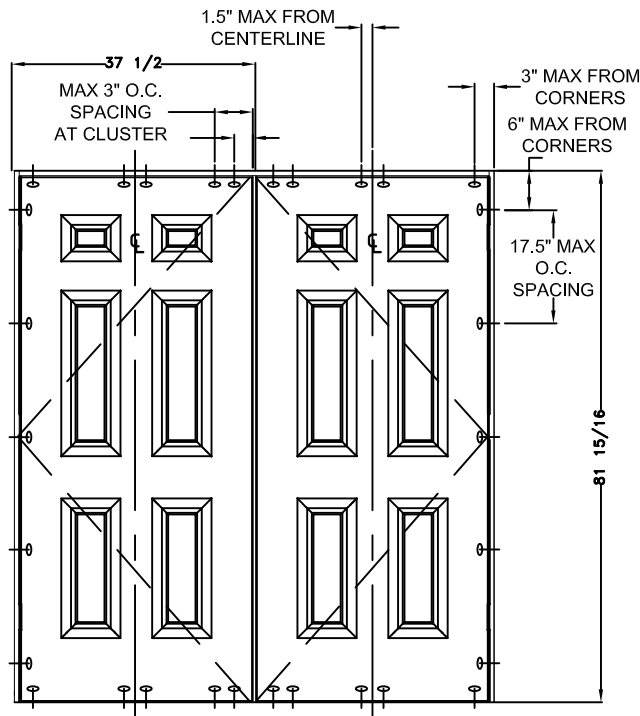


|                                |                                                                                          |                          |                                                  |               |
|--------------------------------|------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|---------------|
|                                | DATE:<br>04/02/2025                                                                      | <b>JELD-WEN</b>          | 3737 LAKEPORT BLVD.                              |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                            |                          | KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |               |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Inswing 2 Panel |                          |                                                  |               |
| APPROVED BY:<br>D.VEZO         |                                                                                          |                          |                                                  |               |
| RECORD No.:<br>D1000184        |                                                                                          |                          |                                                  |               |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                          | CAD DWG. No.:<br>D015718 | REV: B                                           | SHEET 3 of 20 |

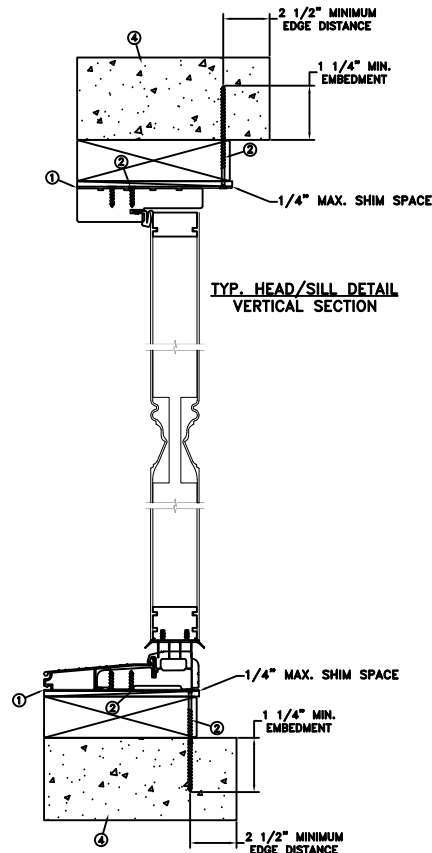
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## DISCLAIMER:

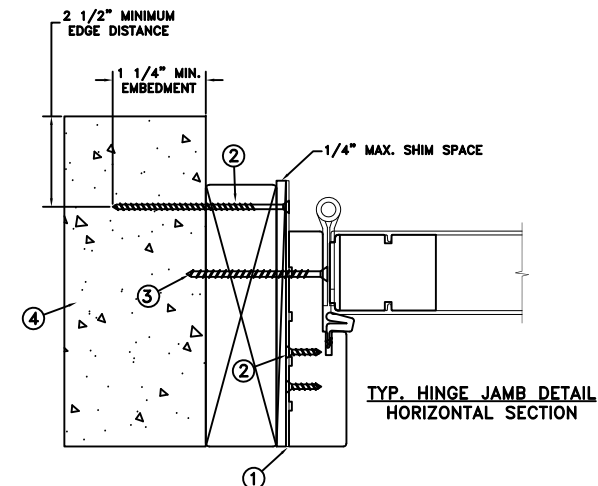
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TYPICAL ELEVATION WITH FASTENER SPACING



## MASONRY STRAP INSTALLATION



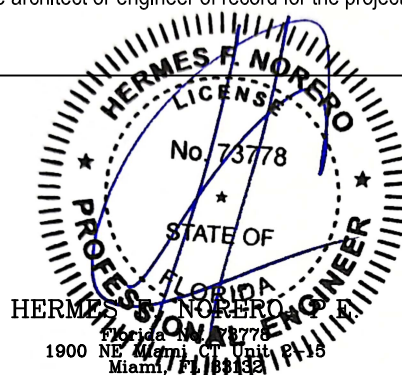
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.9375  | +50/-50 | NO     |

### 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 one (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 two (2) - #10 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.

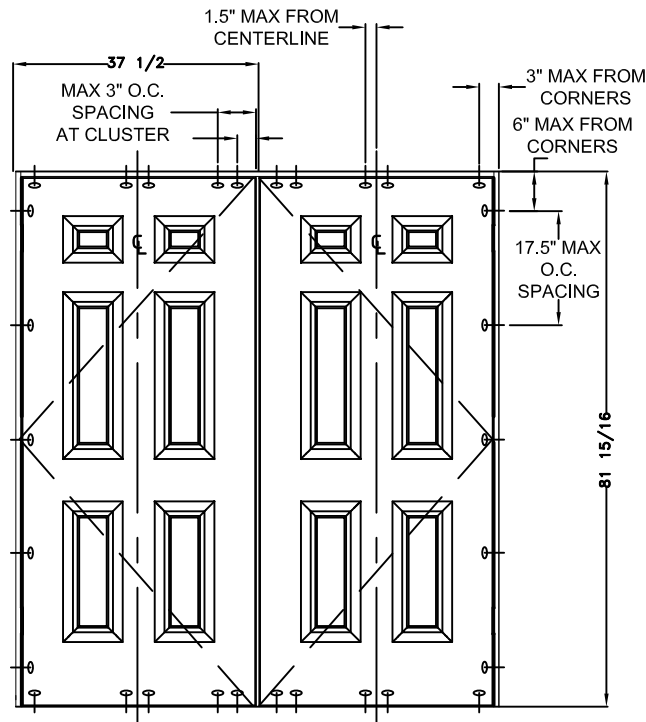


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|--------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|
|                                | DATE:<br>04/02/2025                                                                          |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |        |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                                |                                                                                                                                                               |        |               |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br><br>Inswing 2 Panel |                                                                                                                                                               |        |               |
| APPROVED BY:<br>D.Vezo         |                                                                                              |                                                                                                                                                               |        |               |
| RECORD No.:<br>D1000184        |                                                                                              |                                                                                                                                                               |        |               |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                              | CAD DWG. No.:<br>D015718                                                                                                                                      | REV: B | SHEET 4 of 20 |

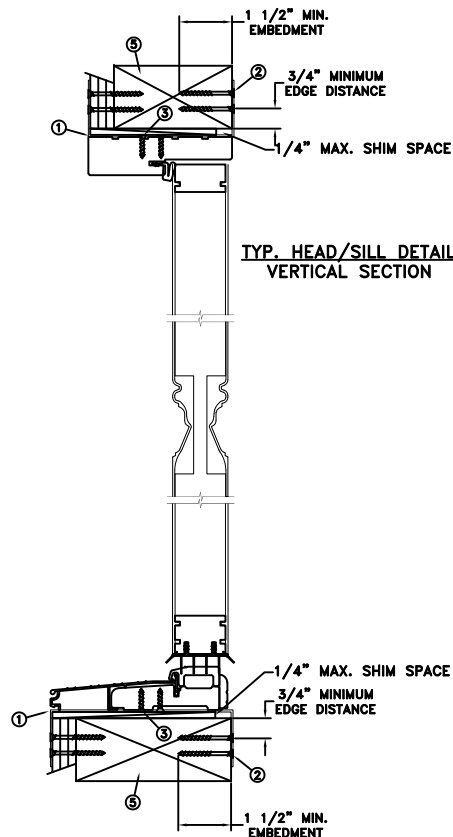
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#### DISCLAIMER:

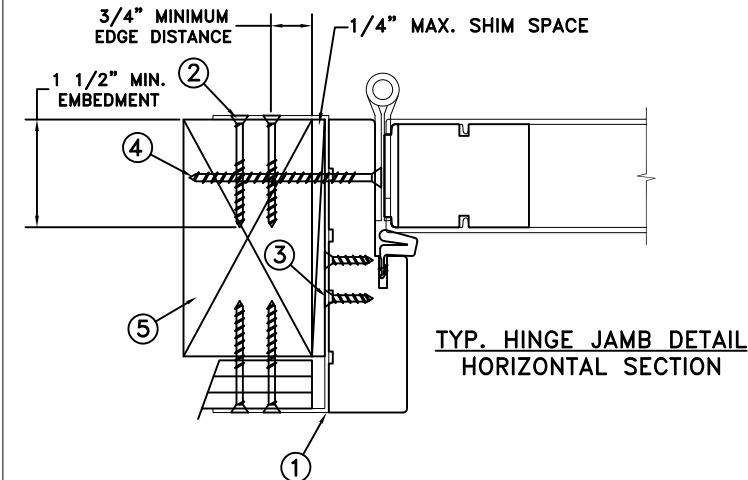
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

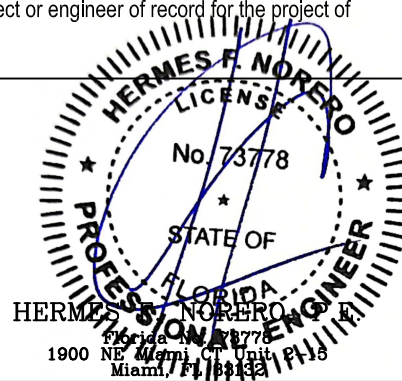
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.9375  | +50/-50 | NO     |

#### 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. two (2) - #10 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. = 0.55).
3. Use min. two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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:

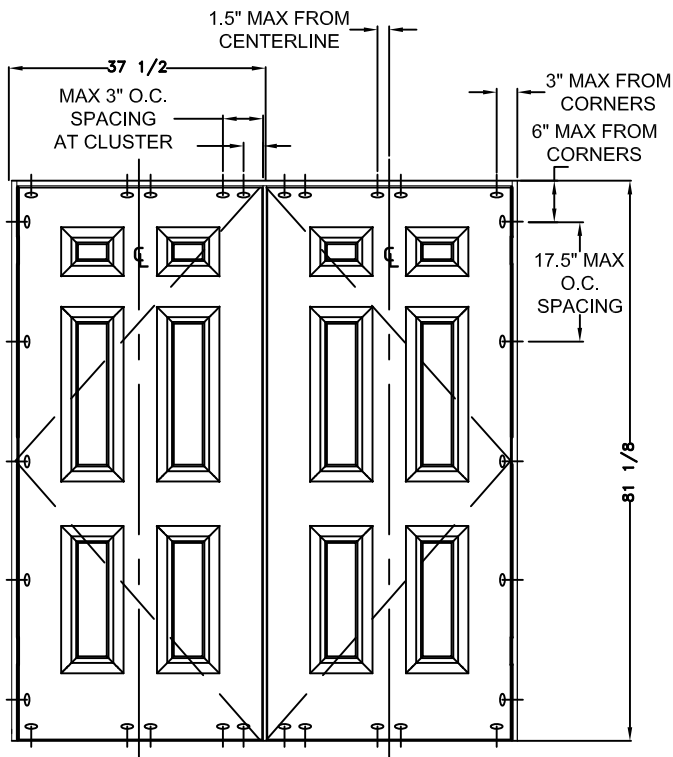
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



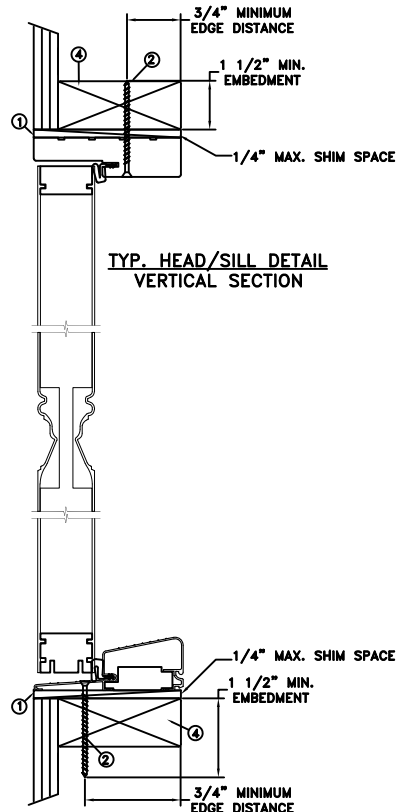
|                                |                                                                                              |                          |                                                  |               |
|--------------------------------|----------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|---------------|
|                                | DATE:<br>04/02/2025                                                                          | <b>JELD-WEN</b>          | 3737 LAKEPORT BLVD.                              |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                                |                          | KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |               |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br><br>Inswing 2 Panel |                          |                                                  |               |
| APPROVED BY:<br>D.Vezo         |                                                                                              |                          |                                                  |               |
| RECORD No.:<br>D1000184        |                                                                                              |                          |                                                  |               |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                              | CAD DWG. No.:<br>D015718 | REV: B                                           | SHEET 5 of 20 |

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).

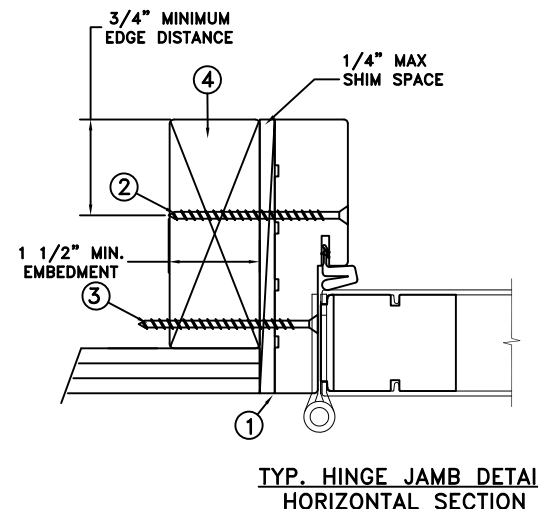
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

# THROUGH FRAME INSTALLATION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.125   | +50/-50 | 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 #10 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. = 0.55).
3. Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.

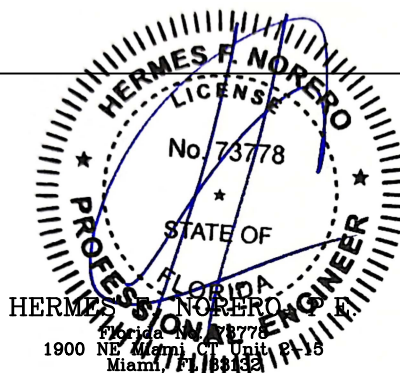
## General Notes:

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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

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).

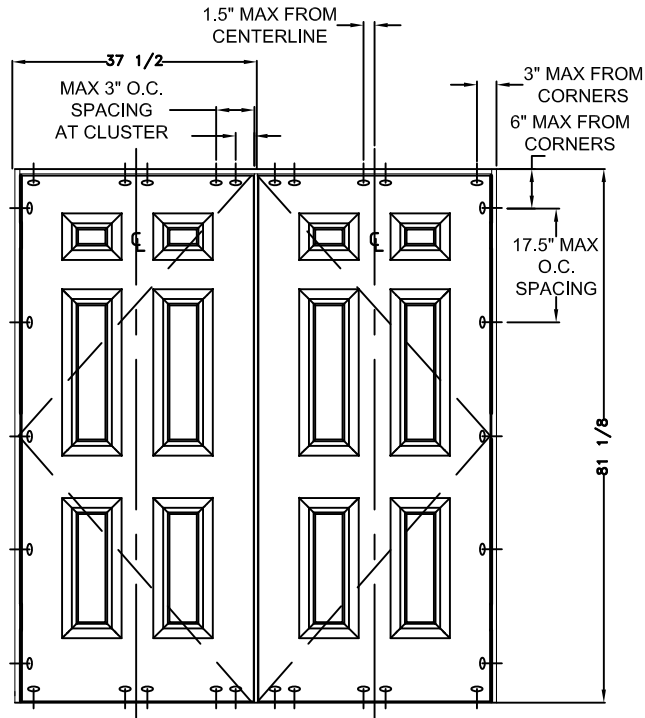
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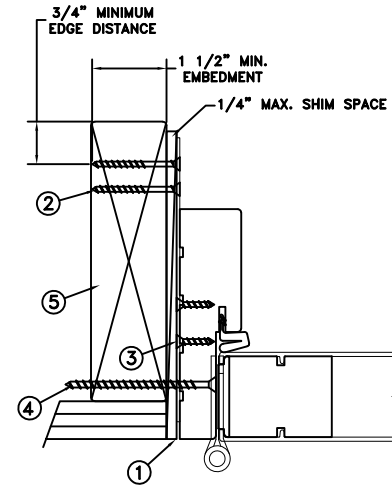
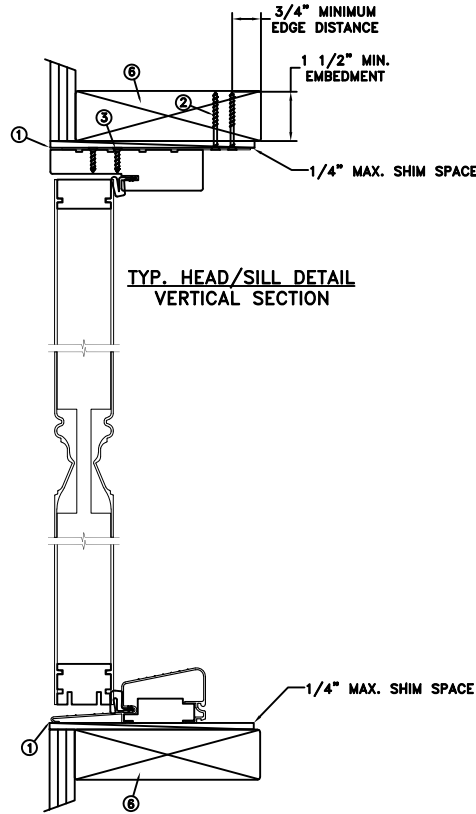


|                                |                                                                                           |                                                                                         |  |
|--------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--|
|                                | DATE:<br>04/02/2025                                                                       | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |  |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                         |  |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                         |  |
| APPROVED BY:<br>D.VEZO         |                                                                                           |                                                                                         |  |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                         |  |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           |                                                                                         |  |

# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

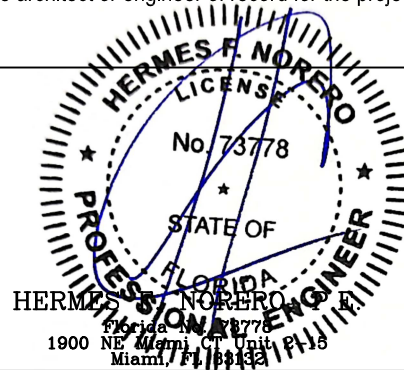
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.125   | +50/-50 | NO     |

## 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 two (2) - #10 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. = 0.55).
3. Use two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



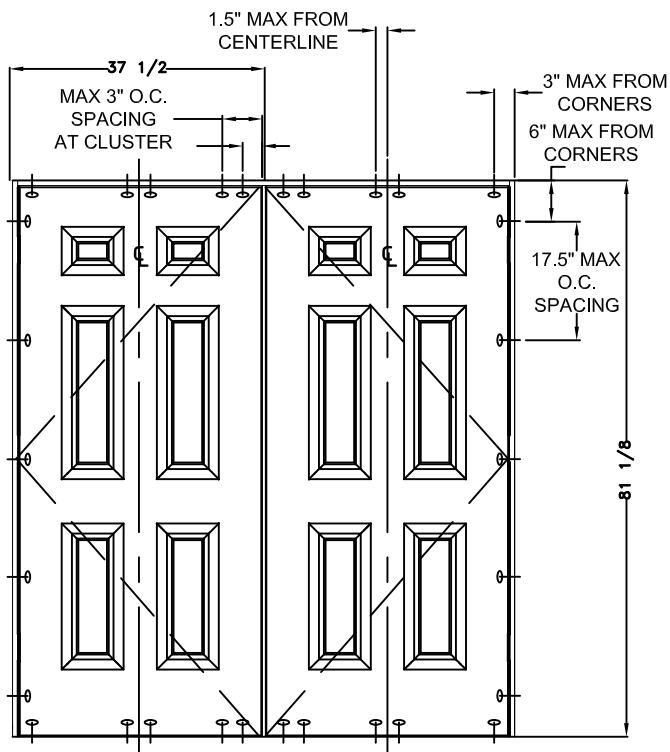
|                                |  |                                                                                           |                                                                                                                                                               |                      |
|--------------------------------|--|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|                                |  | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                      |
| DRAWN BY:<br>M.HAM             |  | SCALE:<br>NTS                                                                             |                                                                                                                                                               |                      |
| CHECKED BY:<br>D.Vezo          |  | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |                      |
| APPROVED BY:<br>D.Vezo         |  |                                                                                           |                                                                                                                                                               |                      |
| RECORD No.:<br>D1000184        |  |                                                                                           |                                                                                                                                                               |                      |
| REPORT No.<br>NCTL-210-3916-01 |  | CAD DWG. No.:<br>D015718                                                                  |                                                                                                                                                               | REV: B SHEET 7 of 20 |

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).

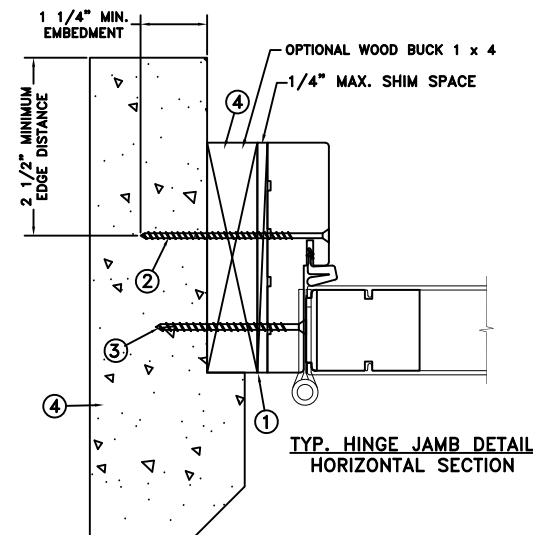
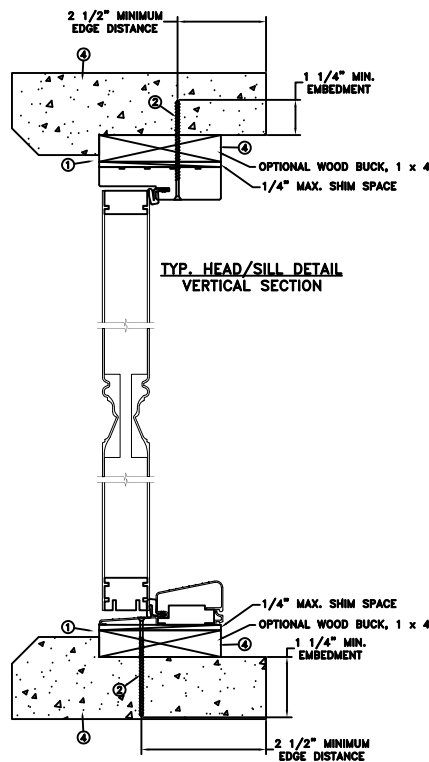
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# CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



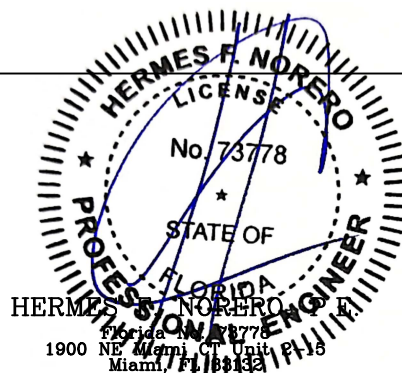
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.125   | +50/-50 | NO     |

## 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. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.



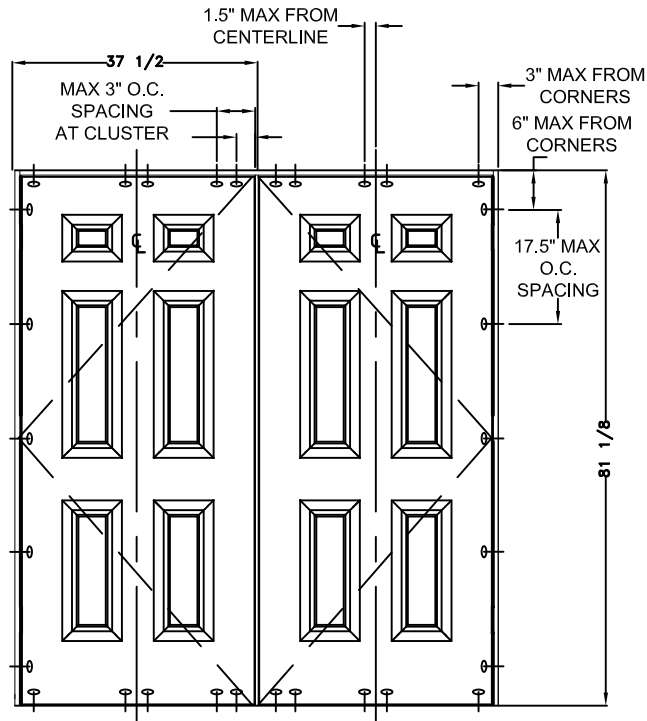
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|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|                                | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                                                                               |               |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |               |
| APPROVED BY:<br>D.VEZO         |                                                                                           |                                                                                                                                                               |               |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                                                                               |               |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                  | REV: B                                                                                                                                                        | SHEET 8 of 20 |

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).

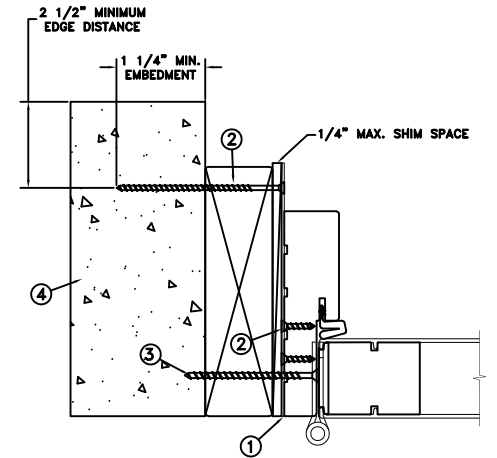
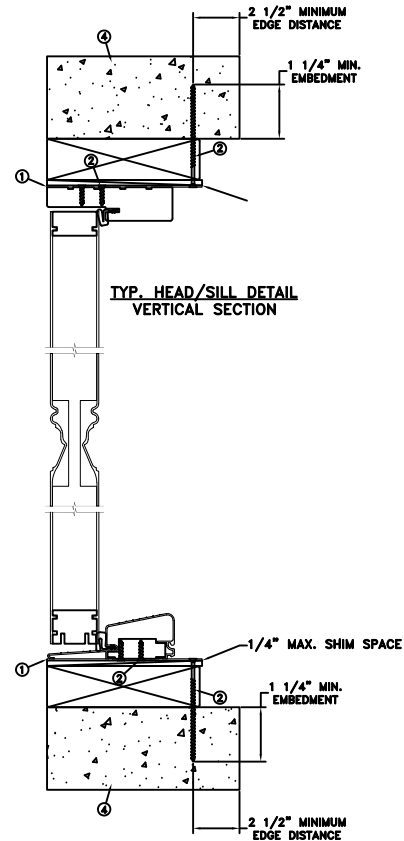
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# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

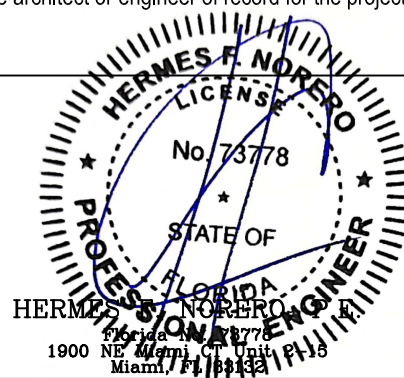
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.125   | +50/-50 | NO     |

## 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 one (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 two (2) - #10 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
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:

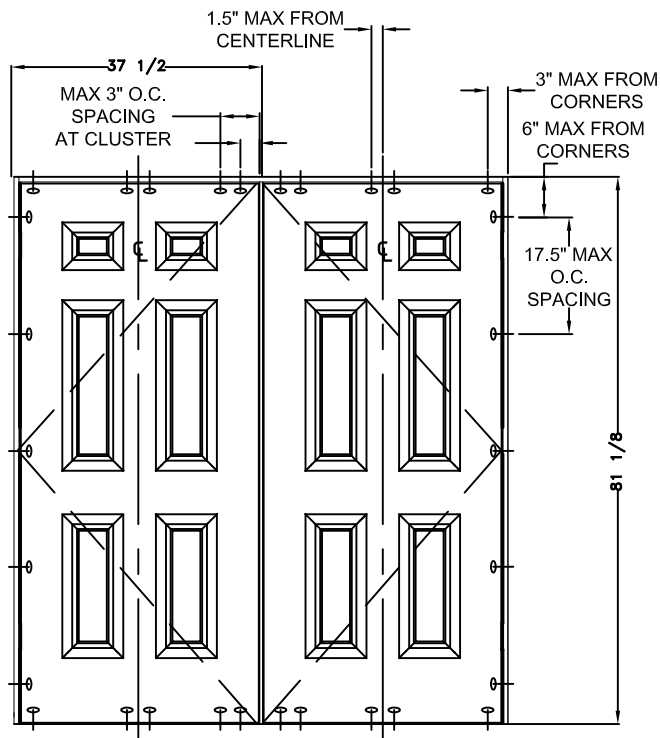
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



|                                |                                                                                           |                                                                                                                                                               |        |               |
|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|
|                                | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |        |               |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                                                                               |        |               |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |        |               |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                                                                                                                                                               |        |               |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                                                                               |        |               |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           | CAD DWG. No.:<br>D015718                                                                                                                                      | REV: B | SHEET 9 of 20 |

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).

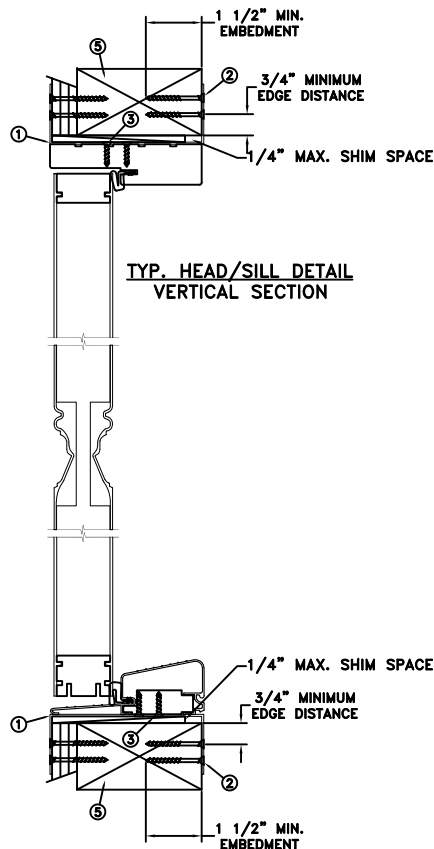
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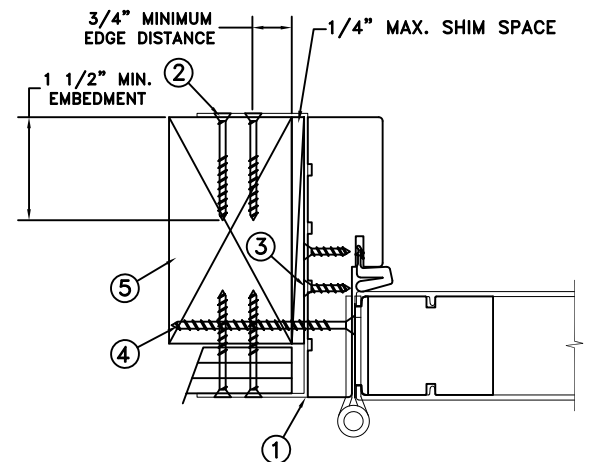
**TYPICAL ELEVATION WITH FASTENER SPACING**

**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. two (2) - #10 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. = 0.55).
3. Use min. two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**

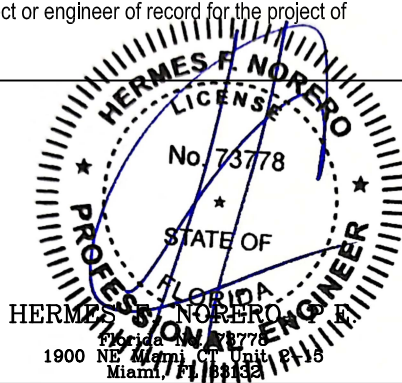


**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 81.125   | +50/-50 | NO     |

**General Notes:**

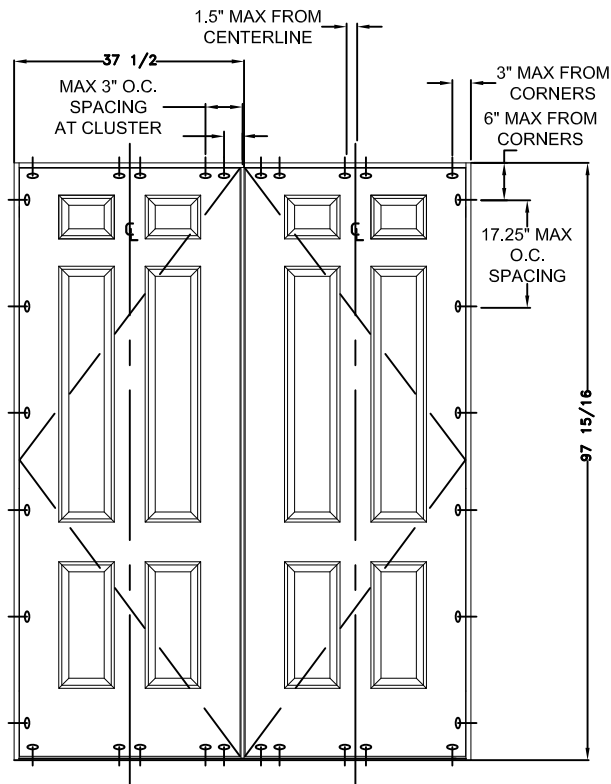
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



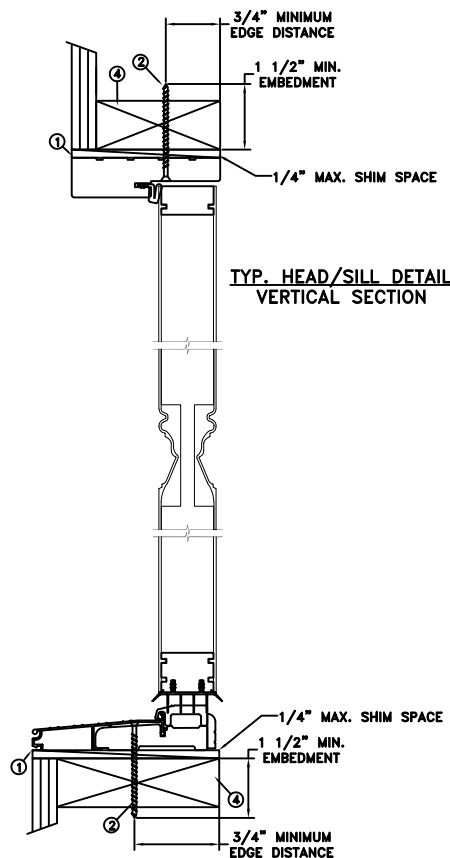
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|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                                                                               |                |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |                |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                                                                                                                                                               |                |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                                                                               |                |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                  | REV: B                                                                                                                                                        | SHEET 10 of 20 |

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).

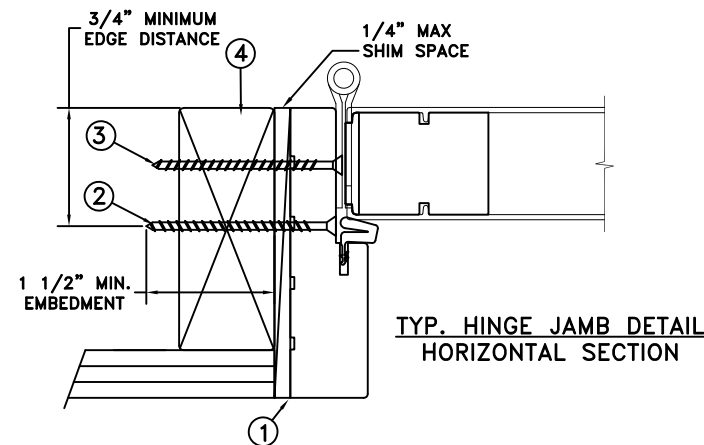
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.9375  | +50/-50 | 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 #10 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. = 0.55).
3. Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.

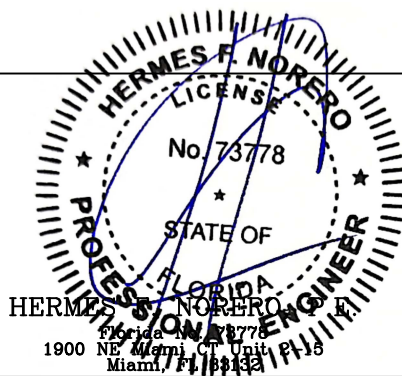
#### General Notes:

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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

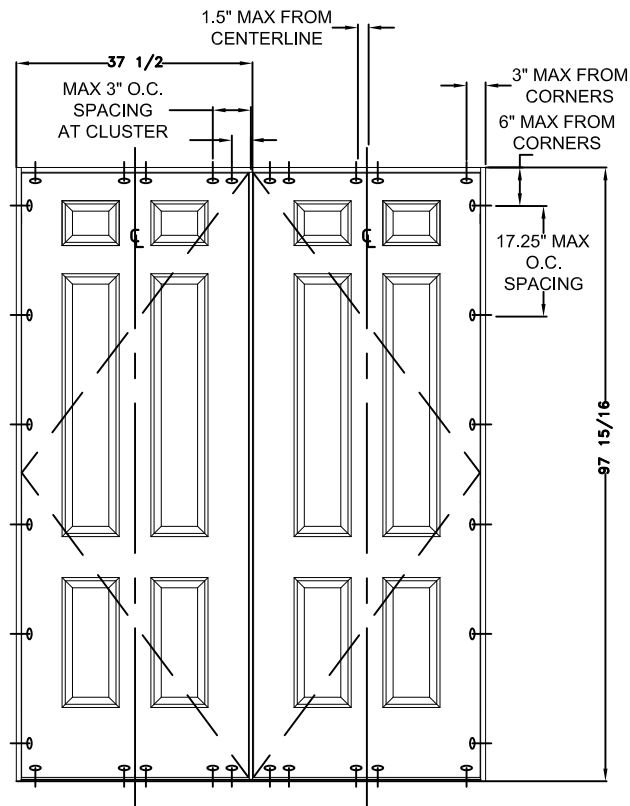
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

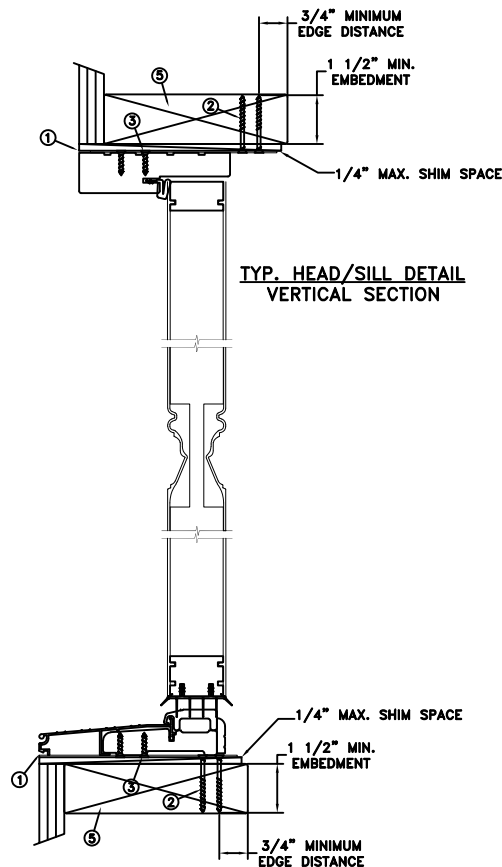
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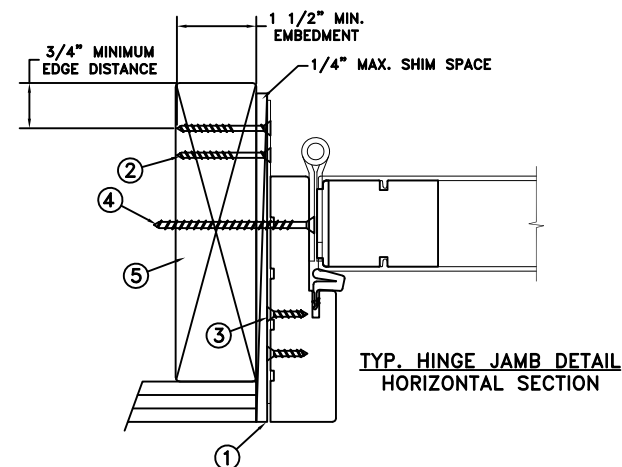
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|                                | DATE:<br>04/02/2025                                                                      | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                            |                                                                                         |                |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Inswing 2 Panel |                                                                                         |                |
| APPROVED BY:<br>D.VEZO         |                                                                                          |                                                                                         |                |
| RECORD No.:<br>D1000184        |                                                                                          |                                                                                         |                |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                 | REV: B                                                                                  | SHEET 11 of 20 |



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL  
VERTICAL SECTION



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

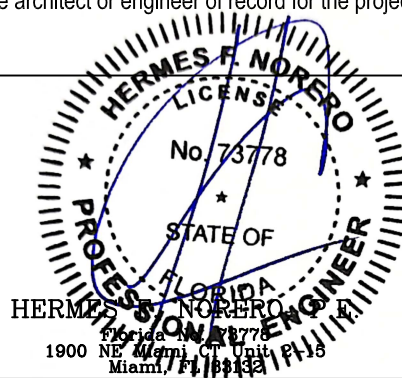
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.9375  | +50/-50 | NO     |

#### 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 two (2) - #10 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. = 0.55).
3. Use two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.
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3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.

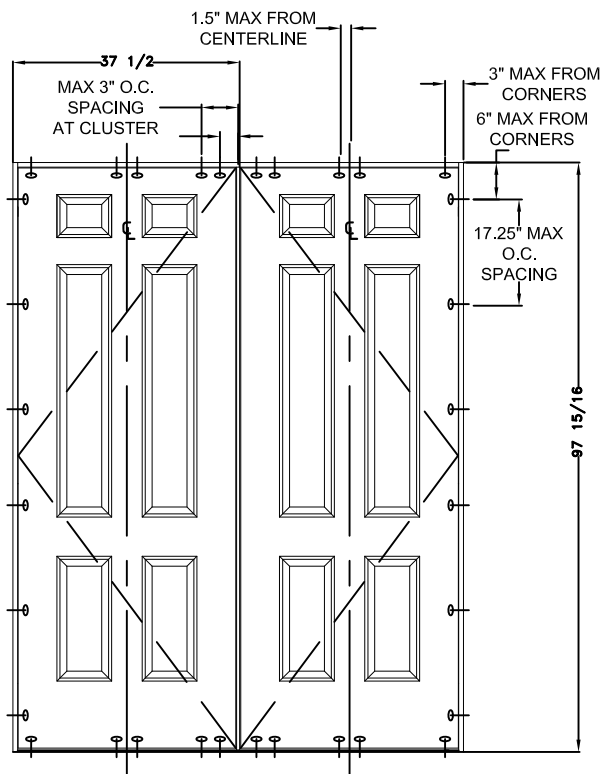


|                                |                                                                                              |                                                                                                                                                               |                |
|--------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                | DATE:<br>04/02/2025                                                                          |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                                |                                                                                                                                                               |                |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br><br>Inswing 2 Panel |                                                                                                                                                               |                |
| APPROVED BY:<br>D.Vezo         |                                                                                              |                                                                                                                                                               |                |
| RECORD No.:<br>D1000184        |                                                                                              |                                                                                                                                                               |                |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                     | REV: B                                                                                                                                                        | SHEET 12 of 20 |

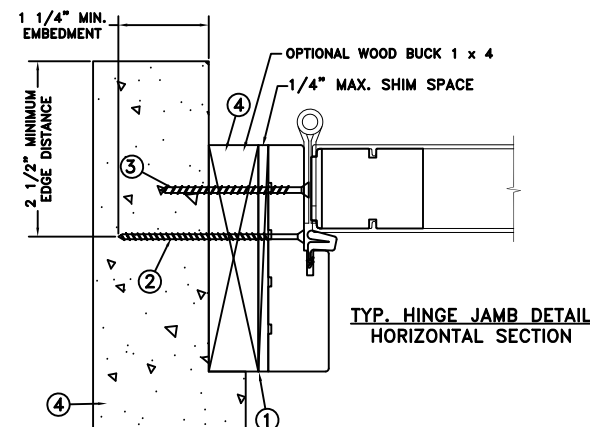
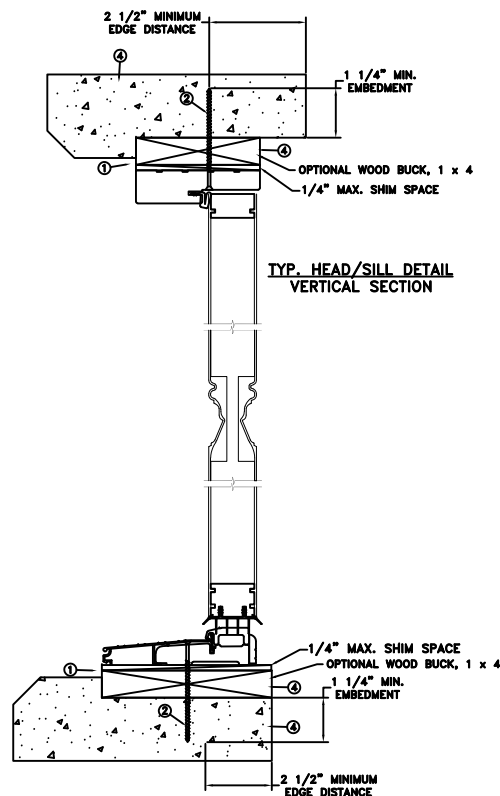
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# CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



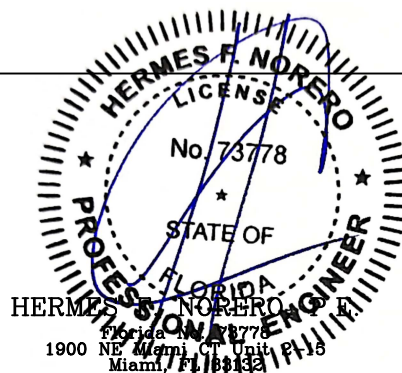
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.9375  | +50/-50 | NO     |

## 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. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

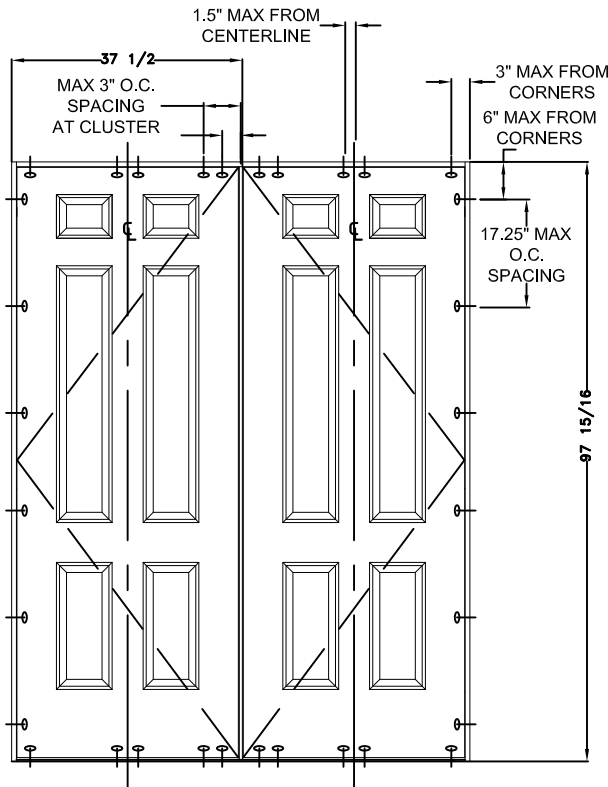


|                                |                                                                                          |                                                                                                                                                               |                |
|--------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                | DATE:<br>04/02/2025                                                                      |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                            |                                                                                                                                                               |                |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Inswing 2 Panel |                                                                                                                                                               |                |
| APPROVED BY:<br>D.VEZO         |                                                                                          |                                                                                                                                                               |                |
| RECORD No.:<br>D1000184        |                                                                                          |                                                                                                                                                               |                |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                 | REV: B                                                                                                                                                        | SHEET 13 of 20 |

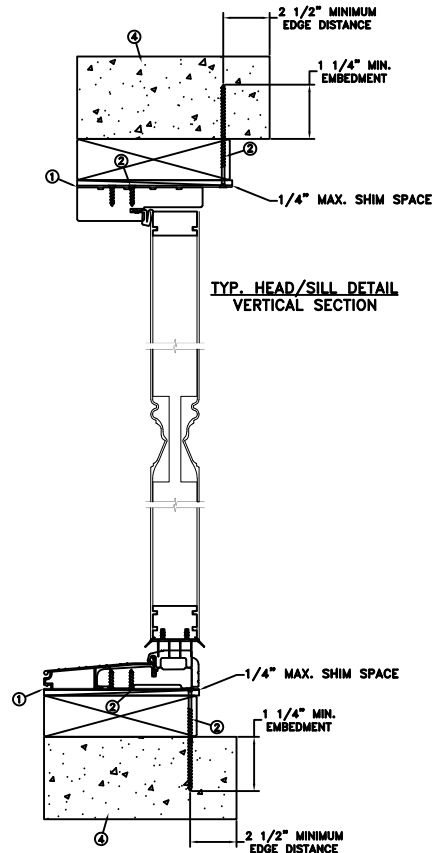
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and Impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

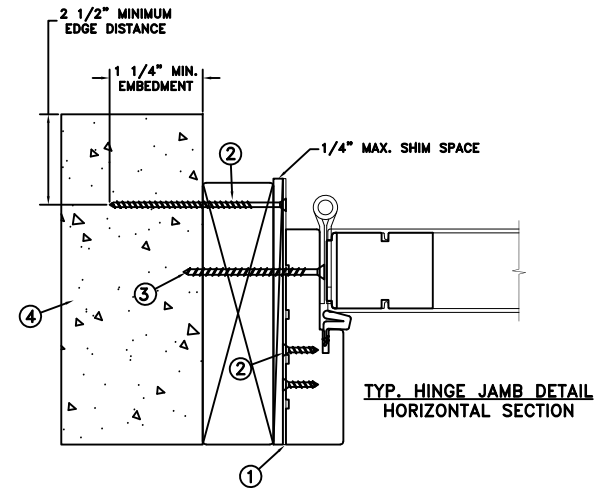
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

## MASONRY STRAP INSTALLATION

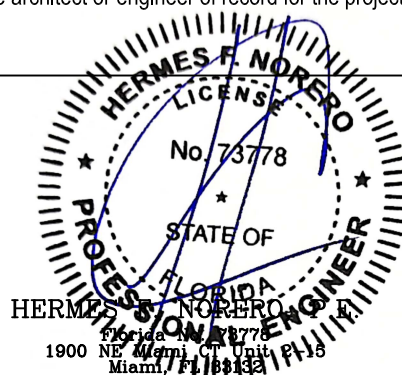
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.9375  | +50/-50 | NO     |

### 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 one (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 two (2) - #10 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



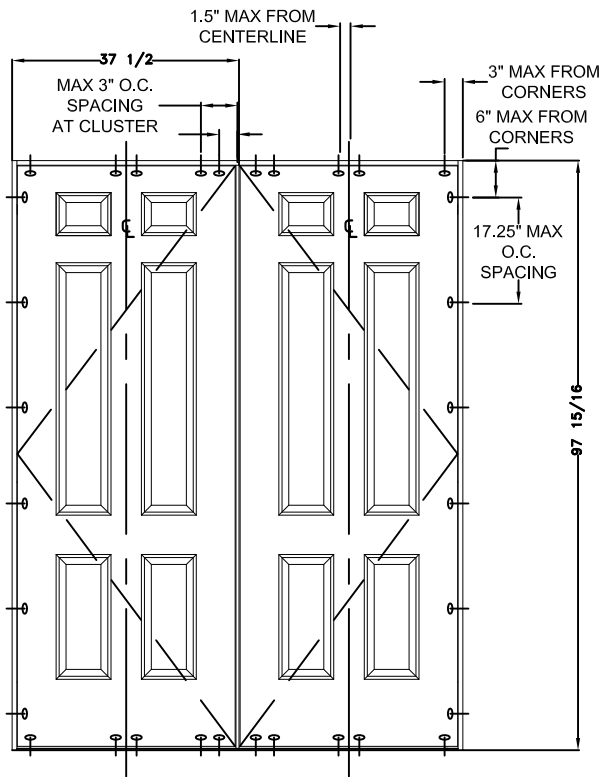
|                                |                                                                                              |                                                                                       |                                                  |                |
|--------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------|----------------|
|                                | DATE:<br>04/02/2025                                                                          |  | 3737 LAKEPORT BLVD.                              |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                                |                                                                                       | KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br><br>Inswing 2 Panel |                                                                                       |                                                  |                |
| APPROVED BY:<br>D.Vezo         |                                                                                              |                                                                                       |                                                  |                |
| RECORD No.:<br>D1000184        |                                                                                              |                                                                                       |                                                  |                |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                              | CAD DWG. No.:<br>D015718                                                              | REV: B                                           | SHEET 14 of 20 |

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).

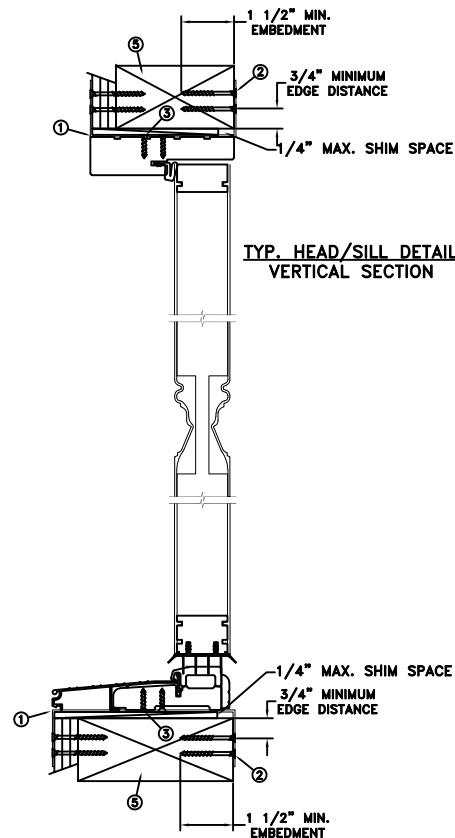
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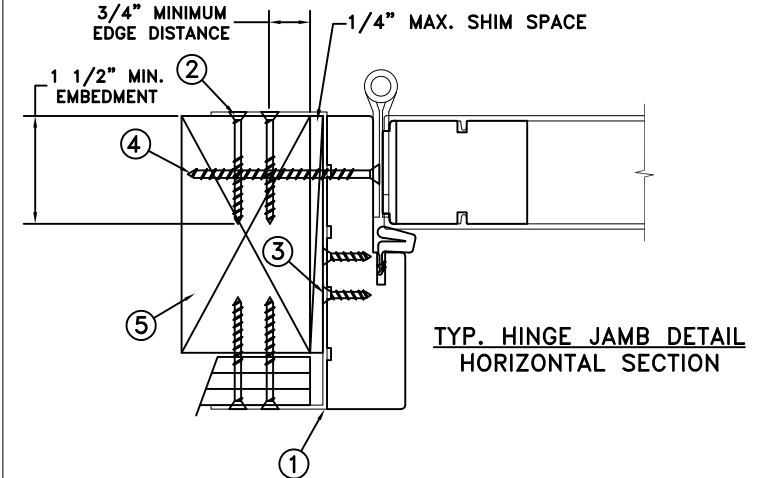
# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL  
VERTICAL SECTION



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

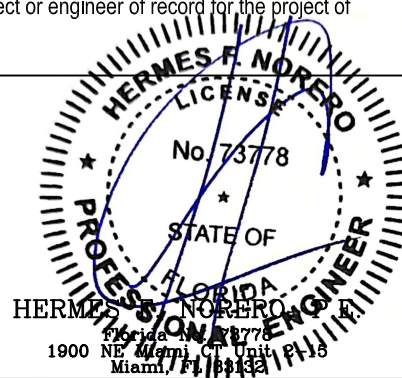
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.9375  | +50/-50 | NO     |

## 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. two (2) - #10 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. = 0.55).
3. Use min. two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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:

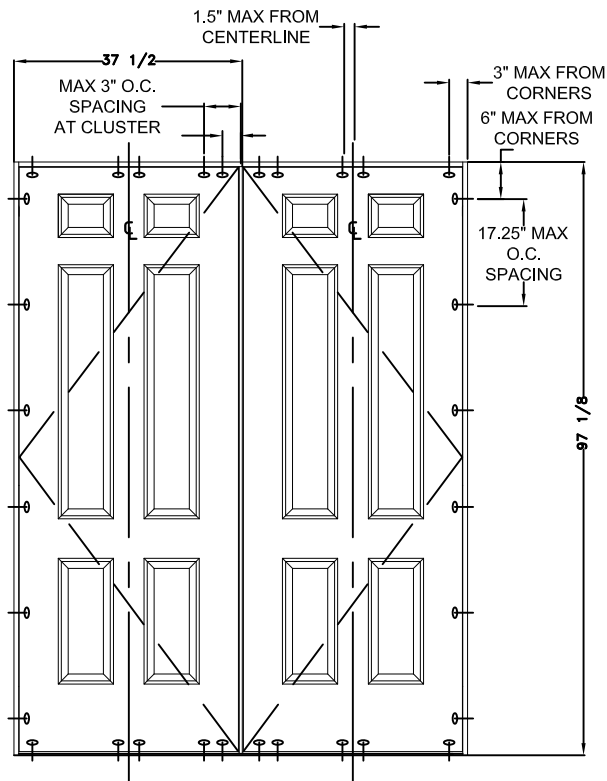
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



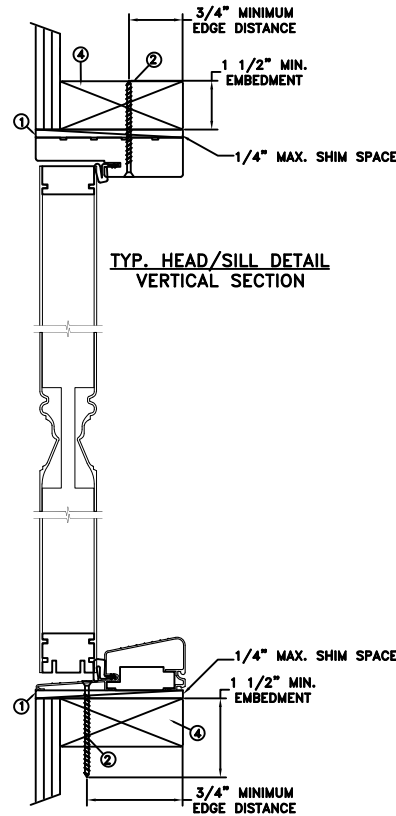
|                                |                                                                                          |                          |                                                  |                   |
|--------------------------------|------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|-------------------|
|                                | DATE:<br>04/02/2025                                                                      | <b>JELD-WEN</b>          | 3737 LAKEPORT BLVD.                              |                   |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                            |                          | KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                   |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Inswing 2 Panel |                          |                                                  |                   |
| APPROVED BY:<br>D.Vezo         |                                                                                          |                          |                                                  |                   |
| RECORD No.:<br>D1000184        |                                                                                          |                          |                                                  |                   |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                          | CAD DWG. No.:<br>D015718 | REV: B                                           | SHEET<br>15 of 20 |

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).

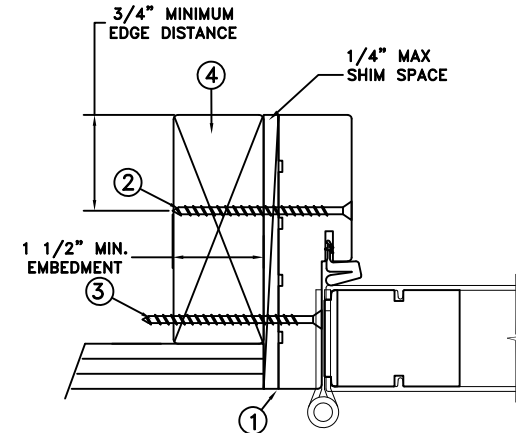
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

## THROUGH FRAME INSTALLATION

| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.125   | +50/-50 | 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 #10 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. = 0.55).
3. Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.

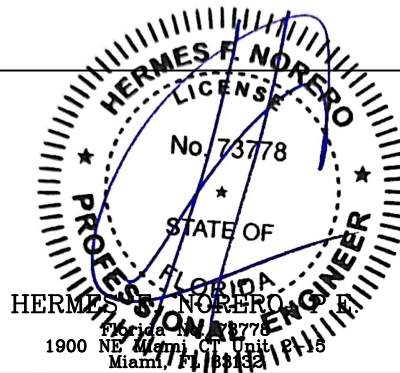
### General Notes:

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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.

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).

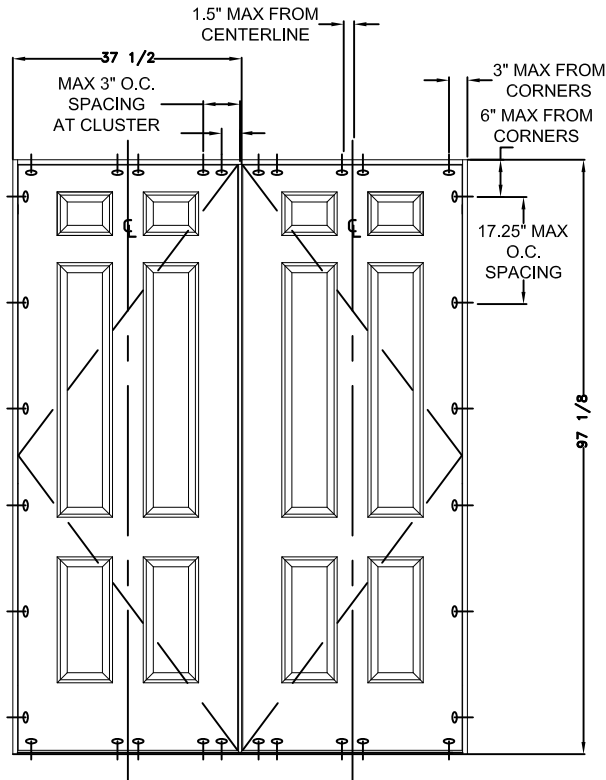
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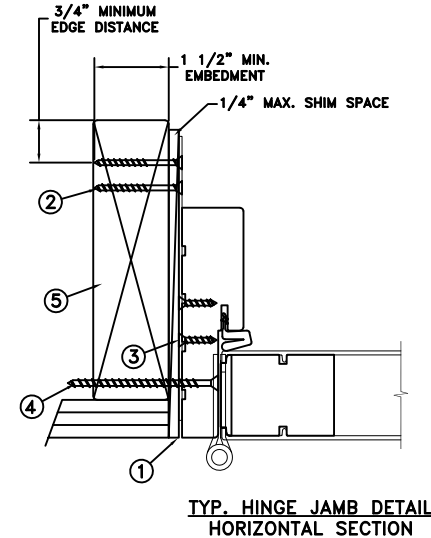
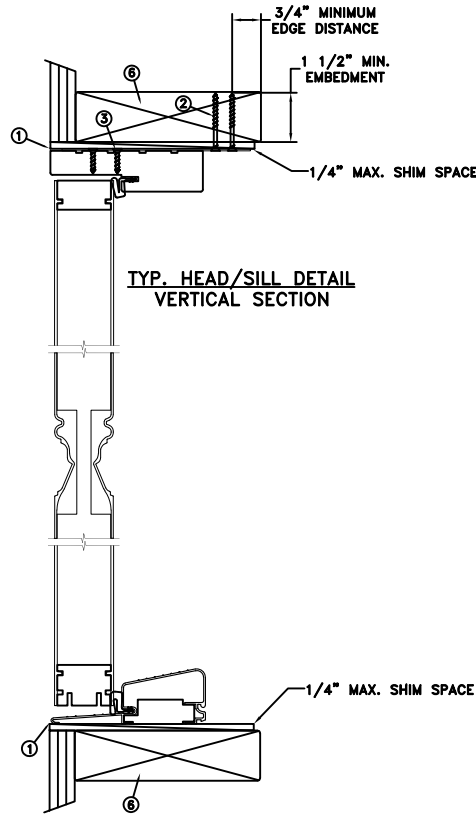


|                                |                                                                                           |                                                                                                                                                               |        |                |
|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
|                                | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |        |                |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                                                                               |        |                |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |        |                |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                                                                                                                                                               |        |                |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                                                                               |        |                |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           | CAD DWG. No.:<br>D015718                                                                                                                                      | REV: B | SHEET 16 of 20 |

# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



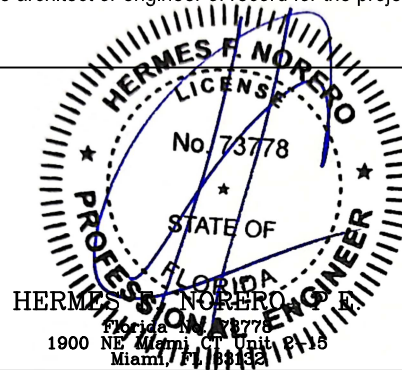
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.125   | +50/-50 | NO     |

## 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 two (2) - #10 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. = 0.55).
3. Use two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.

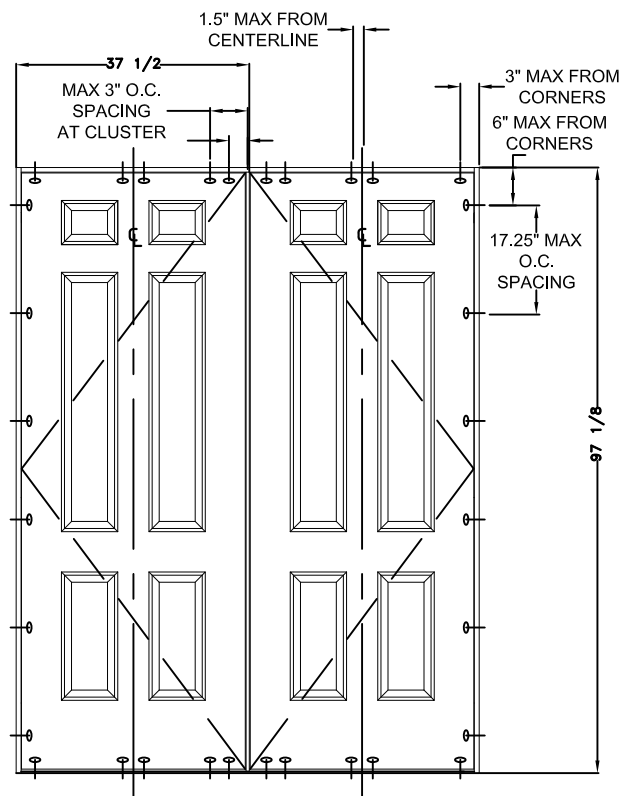


|                                |                                                                                           |                          |                         |                   |
|--------------------------------|-------------------------------------------------------------------------------------------|--------------------------|-------------------------|-------------------|
|                                | DATE:<br>04/02/2025                                                                       | <b>JELD-WEN</b>          | 3737 LAKEPORT BLVD.     |                   |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                          | KLAMATH FALLS OR, 97601 |                   |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                          |                         |                   |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                          |                         |                   |
| RECORD No.:<br>D1000184        |                                                                                           |                          |                         |                   |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           | CAD DWG. No.:<br>D015718 | REV: B                  | SHEET<br>17 of 20 |

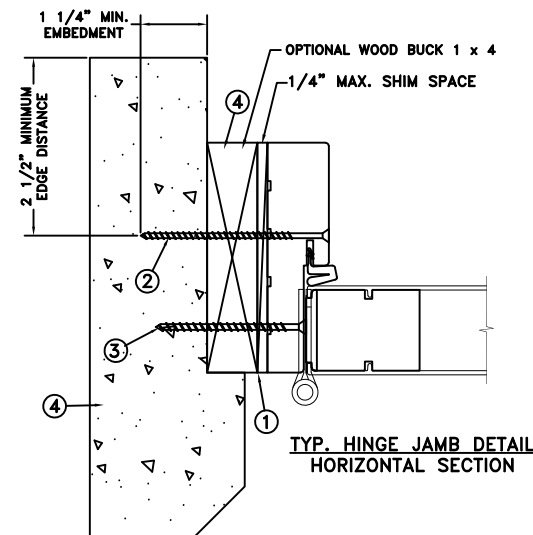
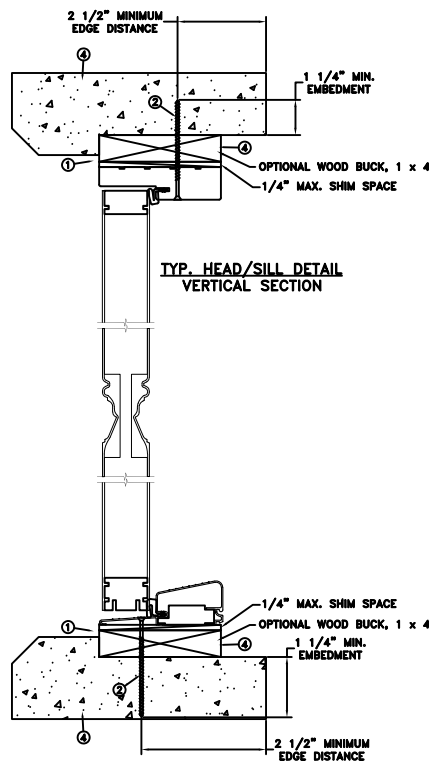
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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



**TYPICAL ELEVATION WITH FASTENER SPACING**



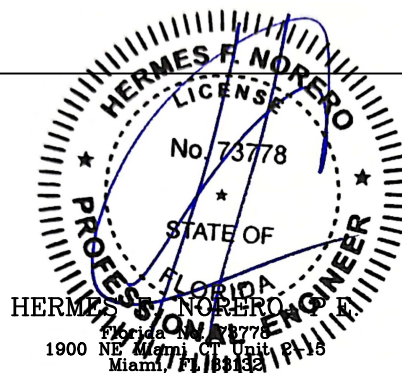
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.125   | +50/-50 | NO     |

## 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. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
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. TAS 202-94
5. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
6. Approved Impact Protective system is required on this product in areas requiring impact resistance.



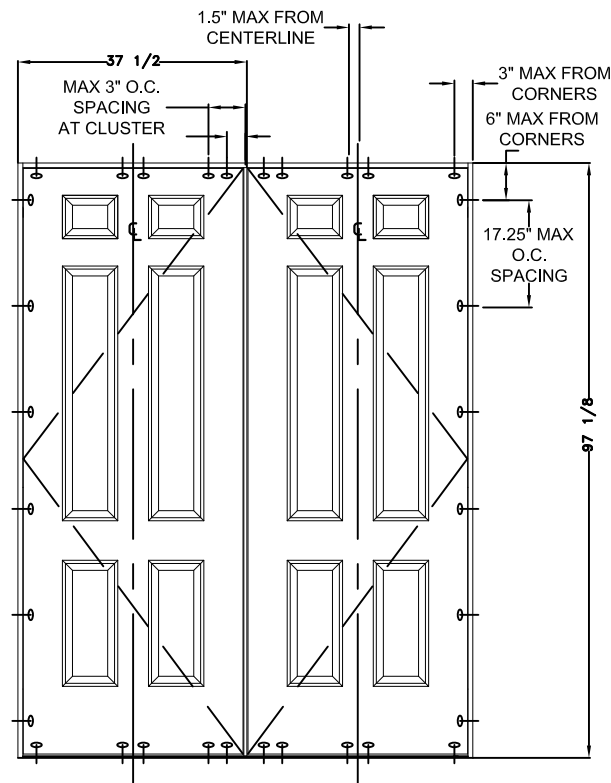
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|--------------------------------|-------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|--------|-------------------|
|                                |                                                                                           | DATE:<br>04/02/2025      | <b>JELD-WEN</b> 3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |        |                   |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                          |                                                                                         |        |                   |
| CHECKED BY:<br>D.VEZO          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                          |                                                                                         |        |                   |
| APPROVED BY:<br>D.VEZO         |                                                                                           |                          |                                                                                         |        |                   |
| RECORD No.:<br>D1000184        |                                                                                           |                          |                                                                                         |        |                   |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           | CAD DWG. No.:<br>D015718 |                                                                                         | REV: B | SHEET<br>18 of 20 |

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).

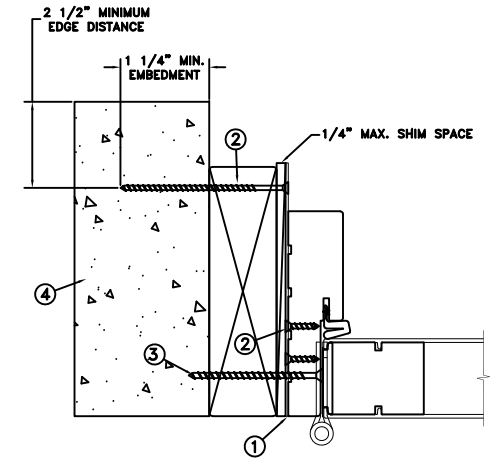
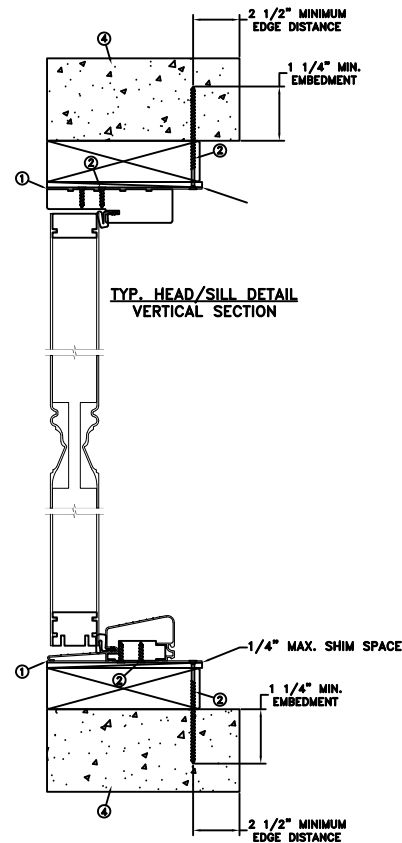
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# MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION

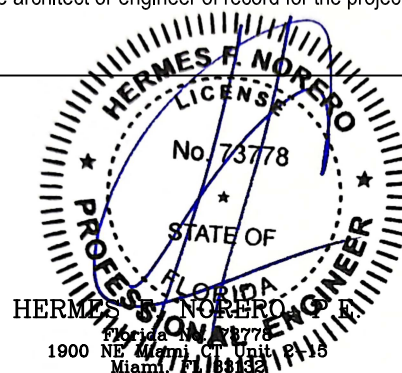
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.125   | +50/-50 | NO     |

## 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 one (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 two (2) - #10 PFH fasteners through masonry strap into frame. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Install one (1) - 3/16" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
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:

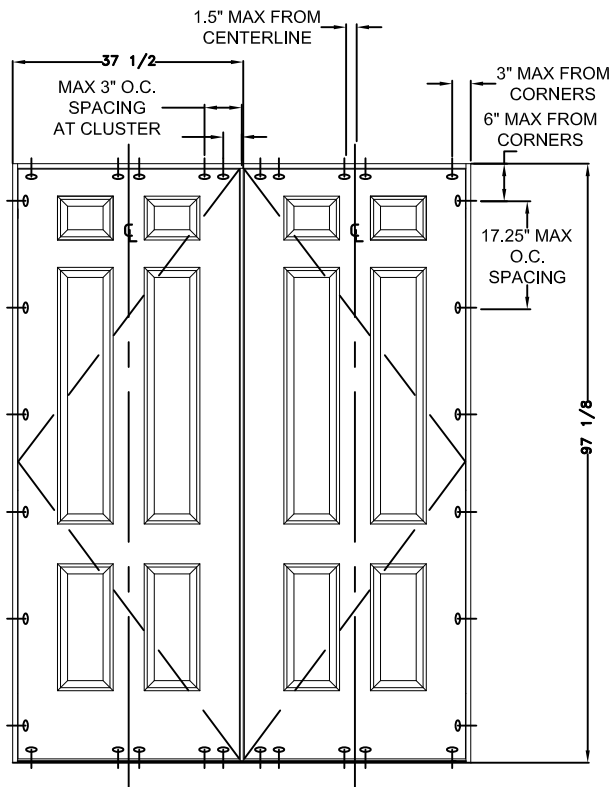
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



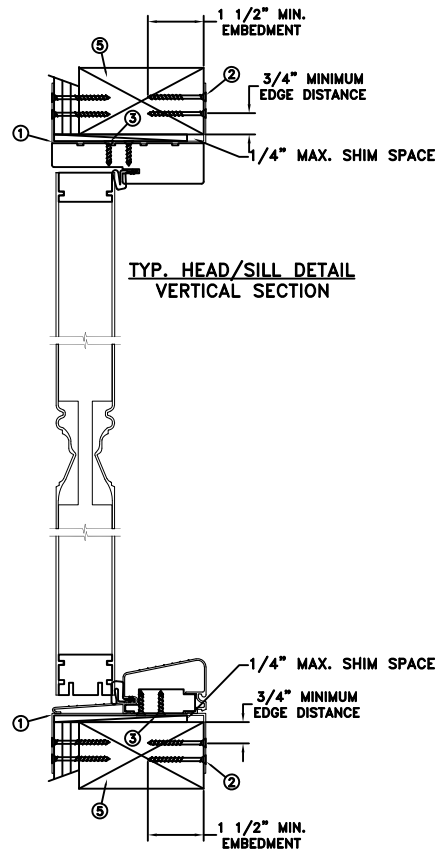
|                                |                                                                                           |                                                                                                          |                       |
|--------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------|
|                                | DATE:<br>04/02/2025                                                                       | <div>JELD-WEN</div> <div>3737 LAKEPORT BLVD.<br/>KLAMATH FALLS OR, 97601<br/>PHONE: (800) 535-3936</div> |                       |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                          |                       |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                          |                       |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                                                                                                          |                       |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                          |                       |
| REPORT No.<br>NCTL-210-3916-01 |                                                                                           | CAD DWG. No.:<br>D015718                                                                                 | REV: B SHEET 19 of 20 |

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).

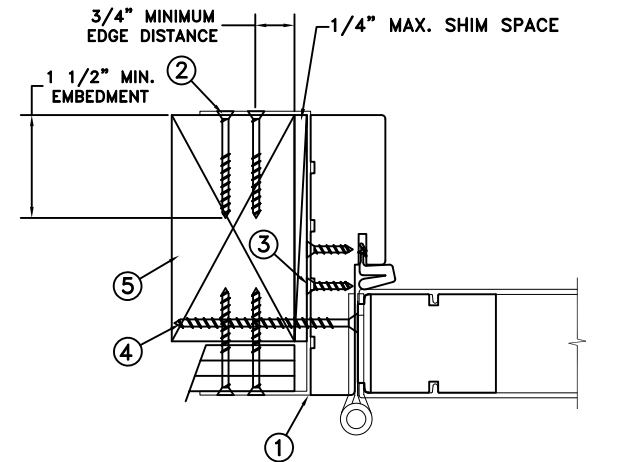
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**TYPICAL ELEVATION WITH FASTENER SPACING**



**TYP. HEAD/SILL DETAIL  
VERTICAL SECTION**



**TYP. HINGE JAMB DETAIL  
HORIZONTAL SECTION**

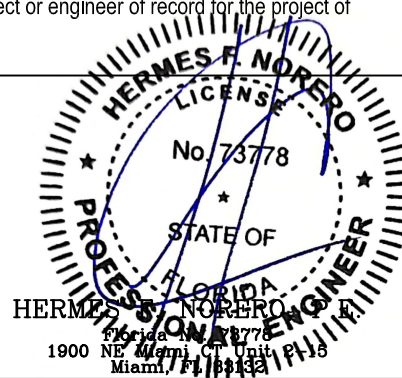
| MAXIMUM FRAME | DP      | IMPACT |
|---------------|---------|--------|
| 74 x 97.125   | +50/-50 | NO     |

#### 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. two (2) - #10 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. = 0.55).
3. Use min. two (2) - #10 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 one (1) - #9 x 2-1/2" PH fastener through each hinge plate 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.
5. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.
6. TAS 202-94
7. Product meets High Velocity Hurricane Zone (HVHZ) Requirements.
8. Approved Impact Protective system is required on this product in areas requiring impact resistance.



|                                |                                                                                           |                                                                                                                                                               |                   |
|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|                                | DATE:<br>04/02/2025                                                                       |  3737 LAKEPORT BLVD.<br>KLAMATH FALLS OR, 97601<br>PHONE: (800) 535-3936 |                   |
| DRAWN BY:<br>M.HAM             | SCALE:<br>NTS                                                                             |                                                                                                                                                               |                   |
| CHECKED BY:<br>D.Vezo          | TITLE:<br><br>Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door<br>Outswing 2 Panel |                                                                                                                                                               |                   |
| APPROVED BY:<br>D.Vezo         |                                                                                           |                                                                                                                                                               |                   |
| RECORD No.:<br>D1000184        |                                                                                           |                                                                                                                                                               |                   |
| REPORT No.<br>NCTL-210-3916-01 | CAD DWG. No.:<br>D015718                                                                  | REV: B                                                                                                                                                        | SHEET<br>20 of 20 |

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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