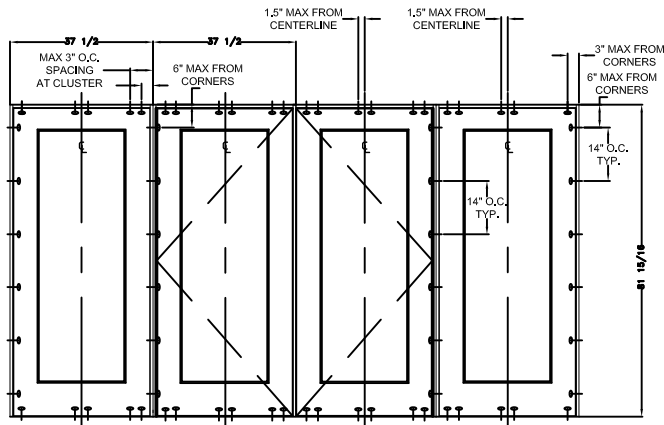
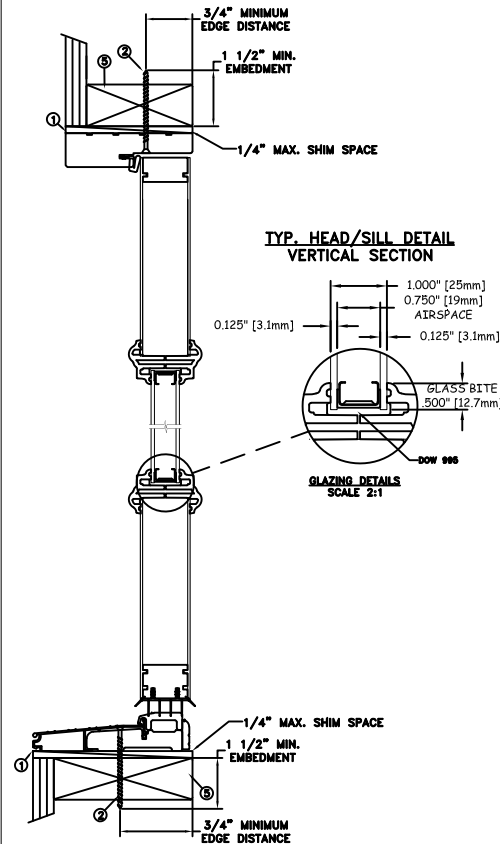
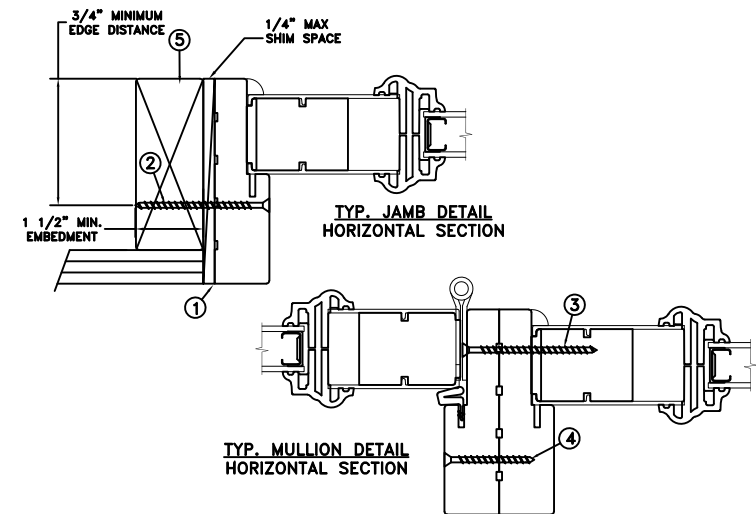




TYPICAL ELEVATION WITH FASTENER SPACING



THROUGH FRAME INSTALLATION



MAXIMUM FRAME	DP	IMPACT
148.75 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. Install #10 x 2" fastener through jamb into sidelite frame.
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:

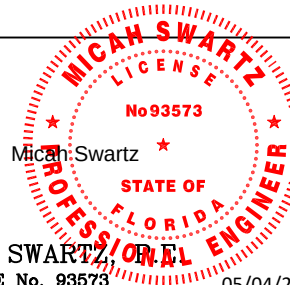
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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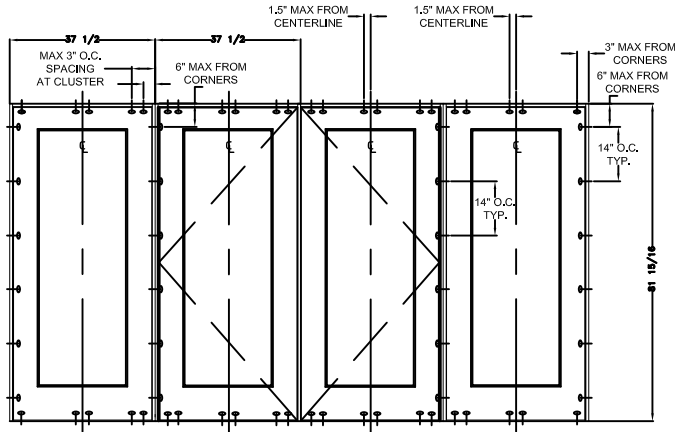


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(541) 363-8075

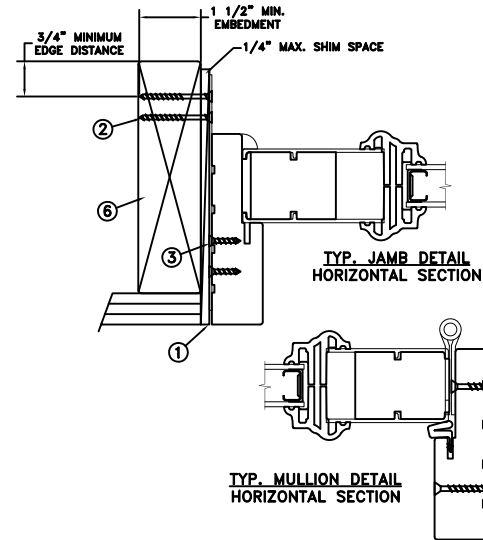
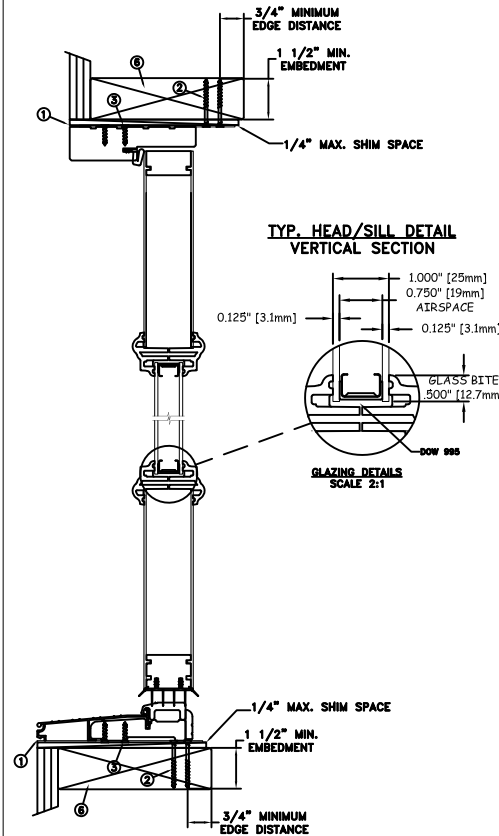
05/04/25

	DATE: 04/07/2025	JELD-WEN	3737 LAKEPORT BLVD.	
DRAWN BY: M.HAM	SCALE: NTS		KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
CHECKED BY: D.Vezo	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO			
APPROVED BY: D.Vezo				
RECORD No.: D1000180				
REPORT No. NCTL-210-3916-02		CAD DWG. No.: D015693	REV: B	SHEET 1 of 20

MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 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. Install #10 x 2" fastener through jamb into sidelite frame.
6. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

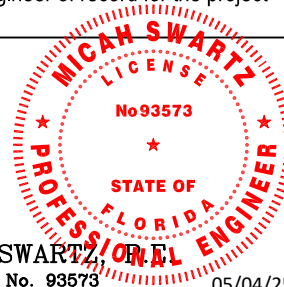
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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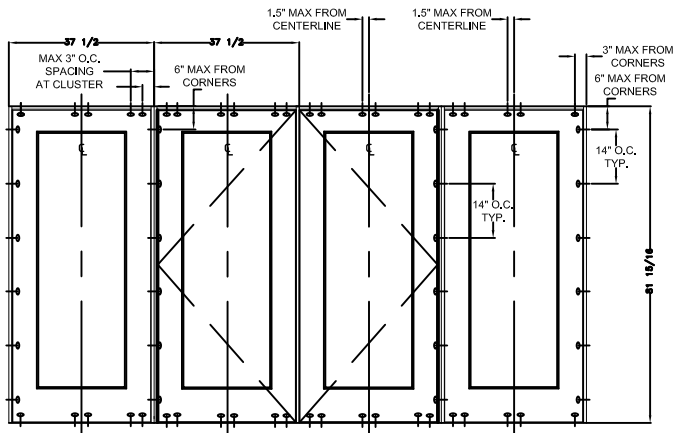


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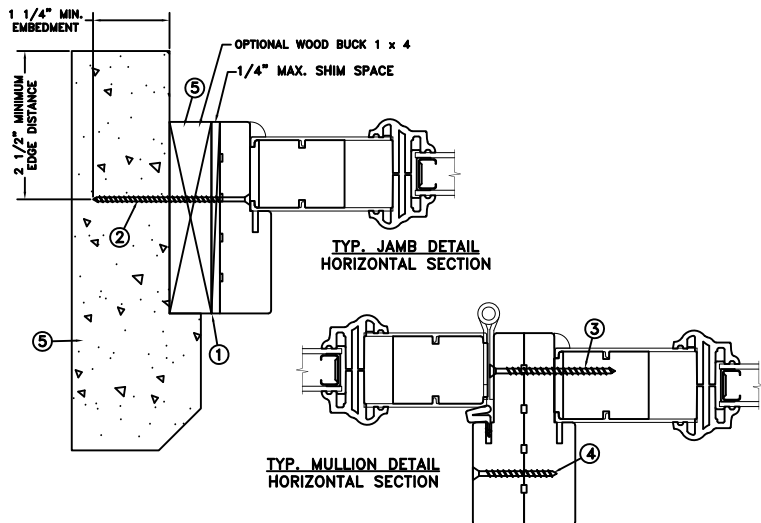
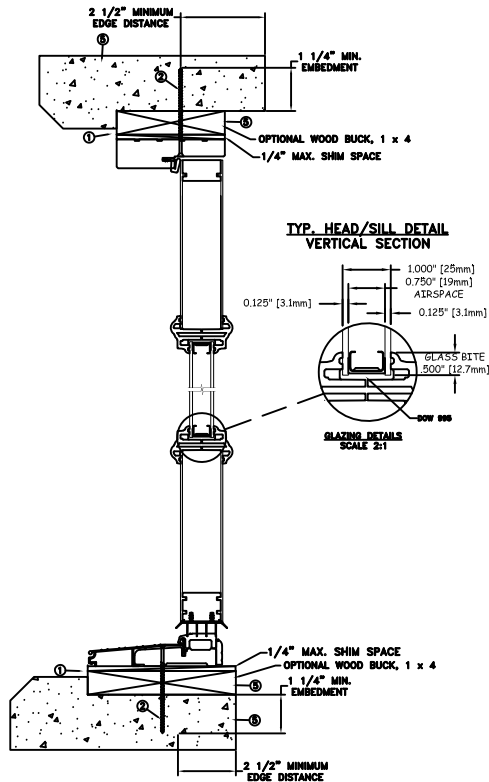
05/04/25

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	CAD DWG. No.: D015693
REPORT No. NCTL-210-3916-02	
REV: B	SHEET 2 of 20

CONCRETE/MASONRY
INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 x 81.9375	+50/-50	NO

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
- Use 1/4" tapcon or equivalent fasteners through frame with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
- Install one (1) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
- Install #10 x 2" fastener through jamb into sidelite frame.
- Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
- All glazing shall conform to ASTM E1300.
- Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
- Use structural or composite shims where required.

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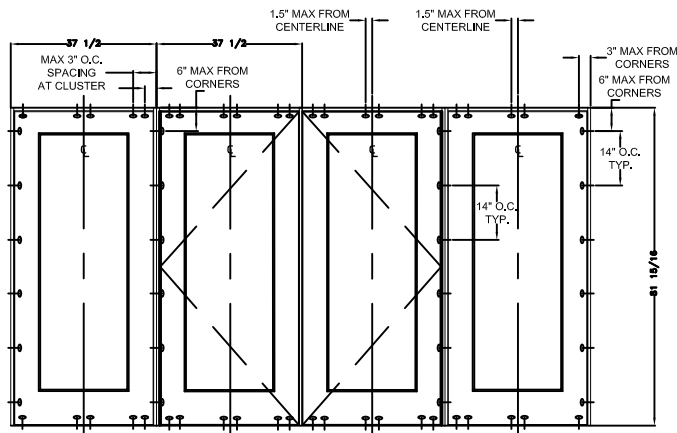
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MICAH SWARTZ
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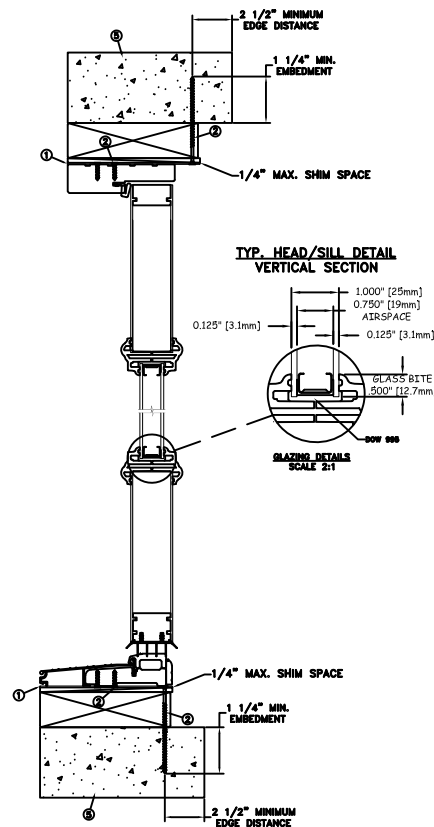
MICAH SWARTZ, P.E.
LICENSE
No 93573
STATE OF FLORIDA
PROFESSIONAL ENGINEER
05/04/25

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.Vezo	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.Vezo	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
	REV: B
	SHEET 3 of 20

CONCRETE/MASONRY INSTALLATION

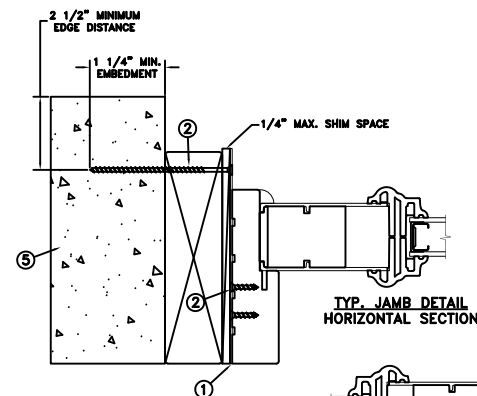


TYPICAL ELEVATION WITH FASTENER SPACING

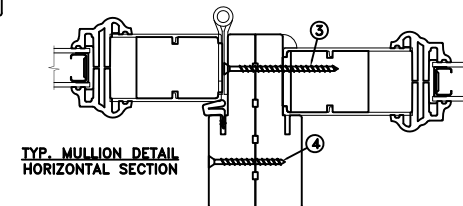


TYP. HEAD/SILL DETAIL
VERTICAL SECTION

GLAZING DETAILS
SCALE 2:1



TYP. JAMB DETAIL
HORIZONTAL SECTION



TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 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) - 1/4" Tapcon or equivalent fasteners through strap with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. Use 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
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:

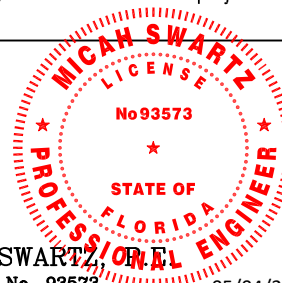
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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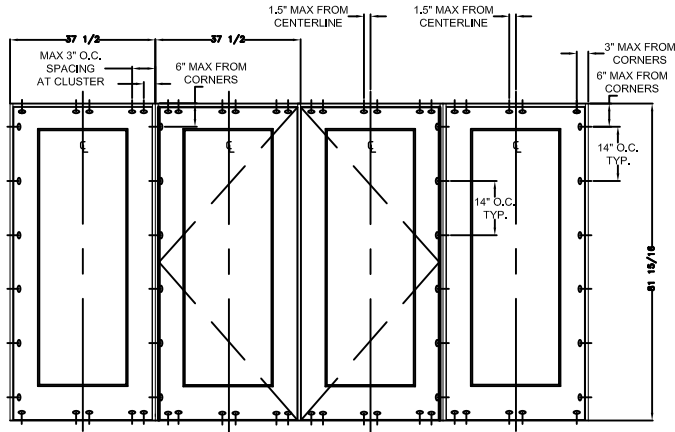


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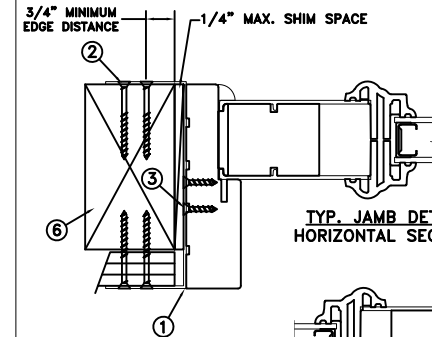
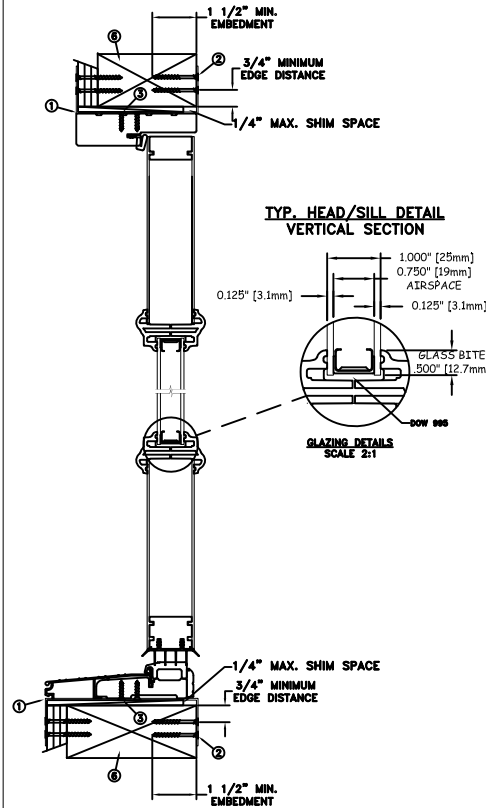
05/04/25

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
SCALE: NTS	
DRAWN BY: M.HAM	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
CHECKED BY: D.VEZO	
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 4 of 20

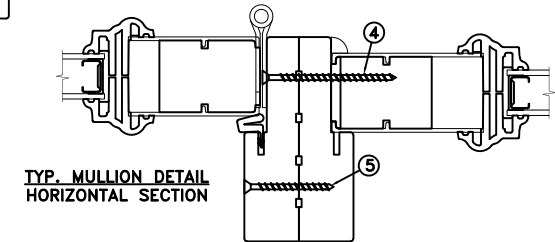
MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. JAMB DETAIL
HORIZONTAL SECTION



TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 x 81.9375	+50/-50	NO

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
- Use 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).
- 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.
- Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate into rough opening.
- Install #10 x 2" fastener through jamb into sidelite frame.
- Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

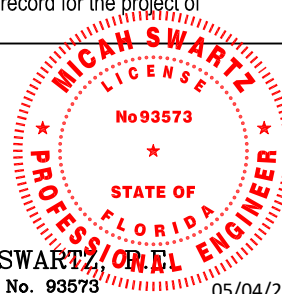
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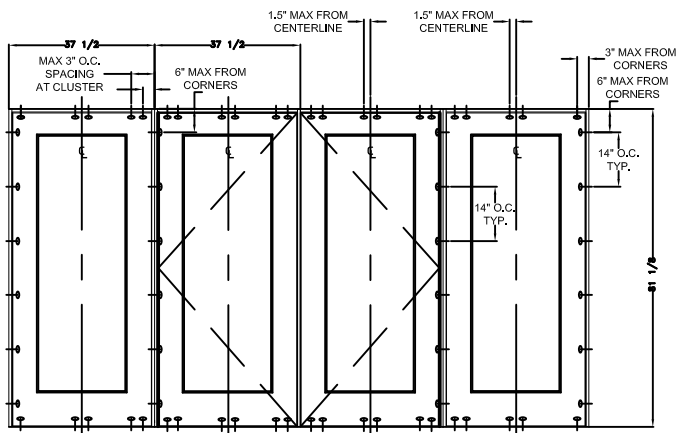


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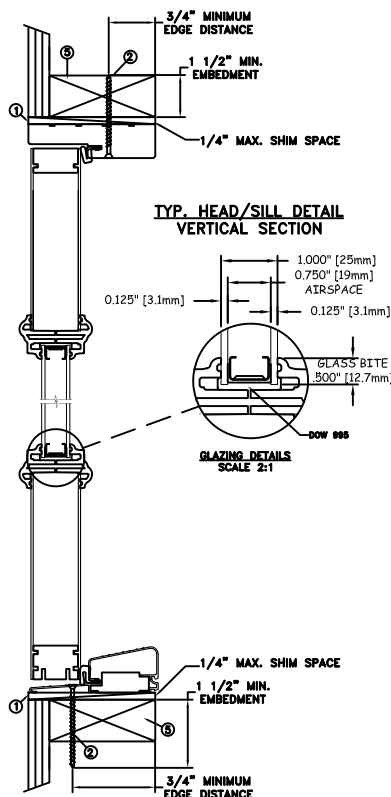
05/04/25

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
SCALE: NTS	
DRAWN BY: M.HAM	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
CHECKED BY: D.VEZO	
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 5 of 20

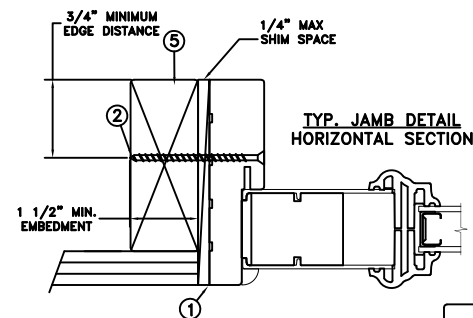
THROUGH FRAME INSTALLATION



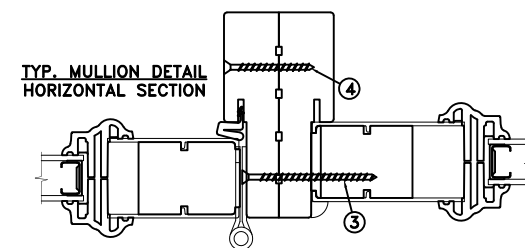
TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL
VERTICAL SECTION



TYP. JAMB DETAIL
HORIZONTAL SECTION



TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 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. Install #10 x 2" fastener through jamb into sidelite frame.
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:

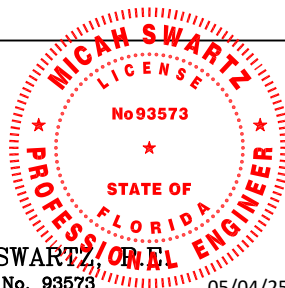
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3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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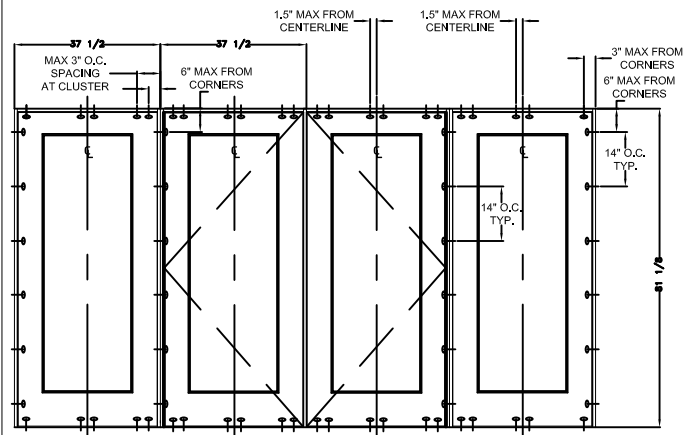
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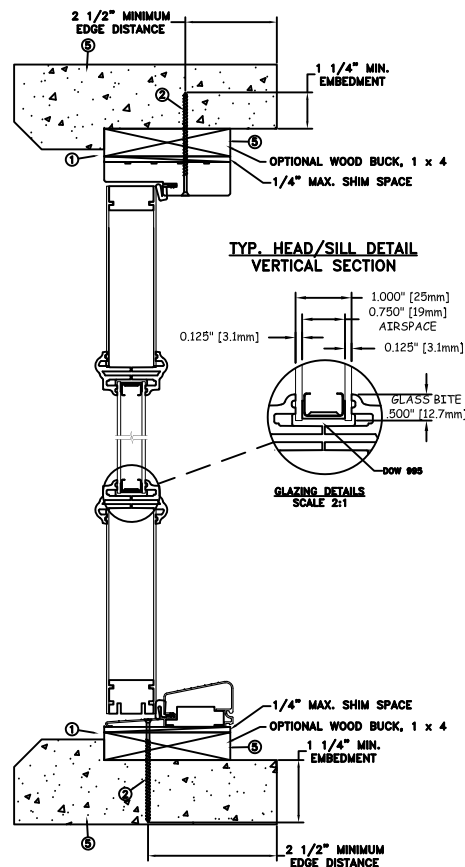
MICAH SWARTZ, P.E.
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Klamath Falls, OR. 97603
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05/04/25

	DATE: 04/07/2025	JELD-WEN	3737 LAKEPORT BLVD.	
DRAWN BY: M.HAM	SCALE: NTS		KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO			
APPROVED BY: D.VEZO				
RECORD No.: D1000180				
REPORT No. NCTL-210-3916-02		CAD DWG. No.: D015693	REV: B	SHEET 6 of 20

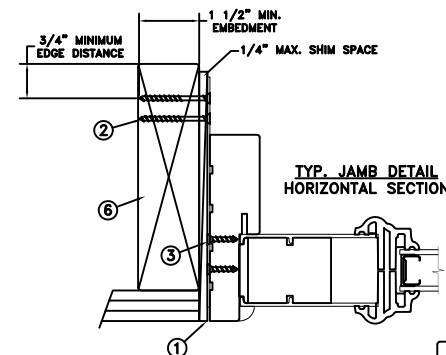


TYPICAL ELEVATION WITH FASTENER SPACING

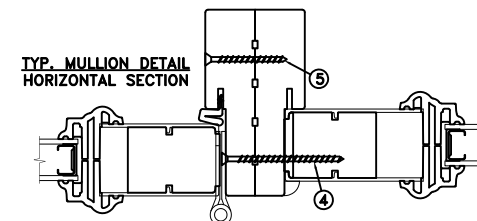


TYP. HEAD/SILL DETAIL
VERTICAL SECTION

GLAZING DETAILS
SCALE 2:1



TYP. JAMB DETAIL
HORIZONTAL SECTION



TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 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:

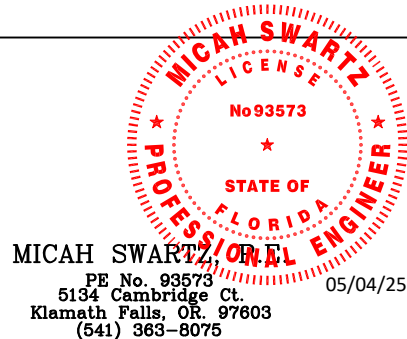
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3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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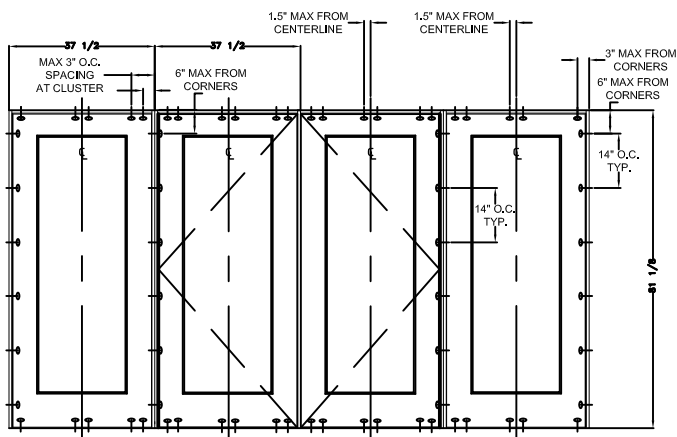
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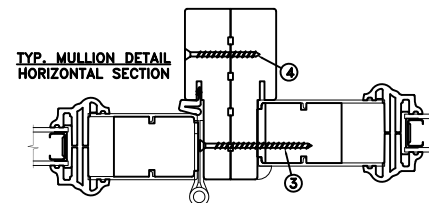
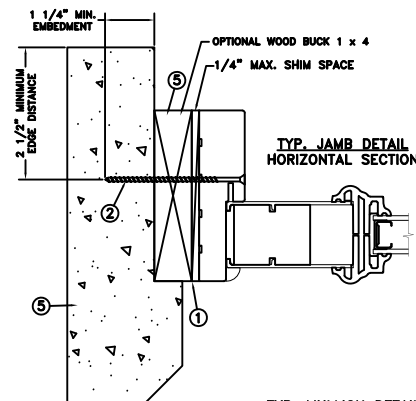
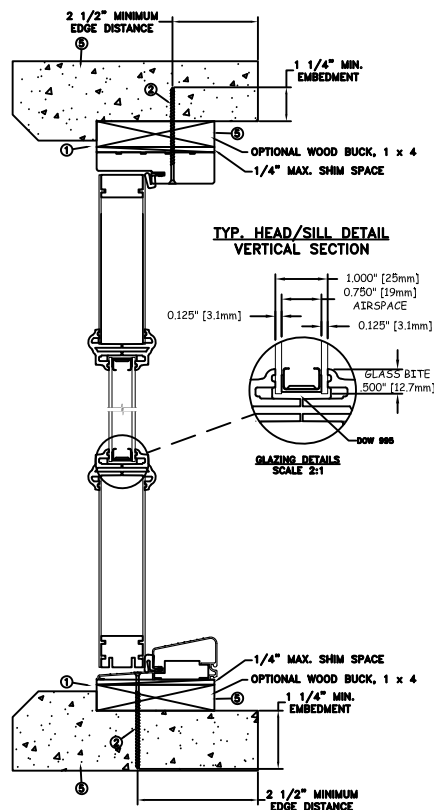


DATE: 04/07/2025	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.VEZO	RECORD No.: D1000180
REPORT No.: NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 7 of 20

CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 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 1/4" 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
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:

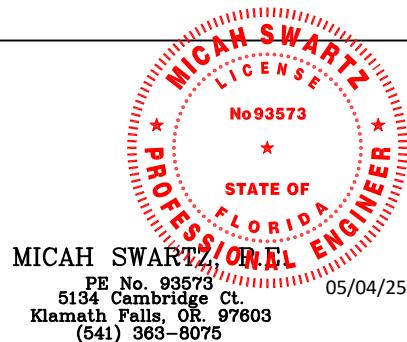
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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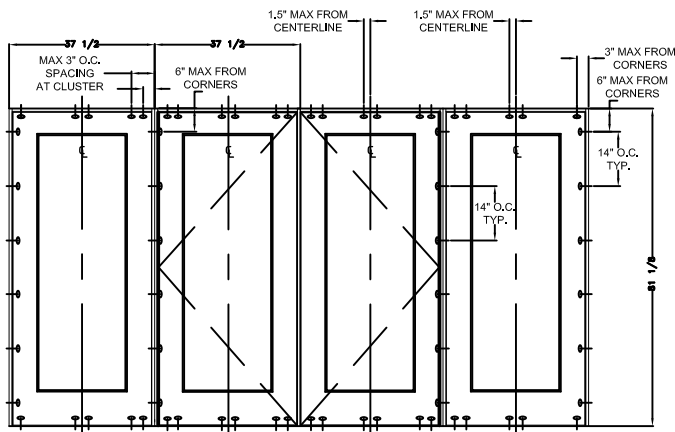
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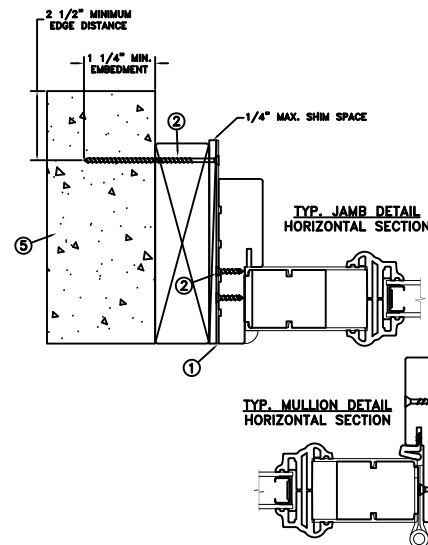
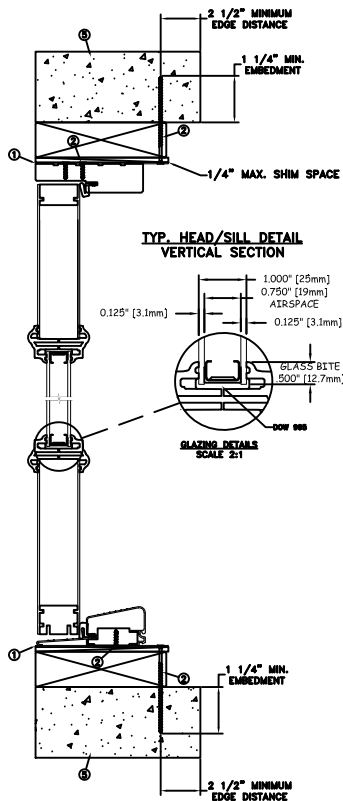


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DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 8 of 20

CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 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) - 1/4" Tapcon or equivalent fasteners through strap with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. Use 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
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. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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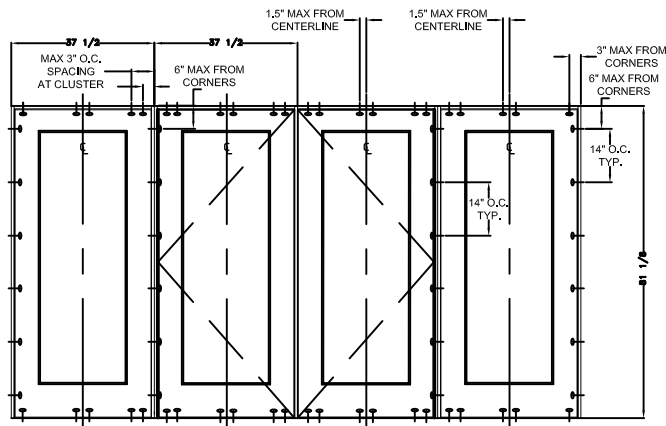
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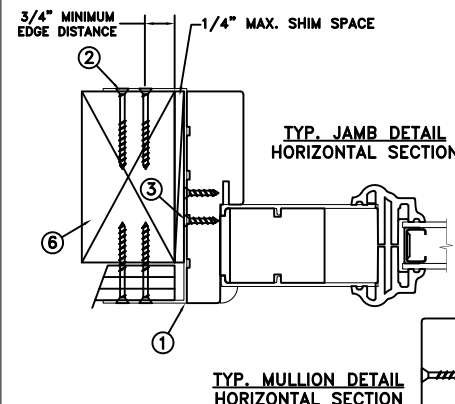
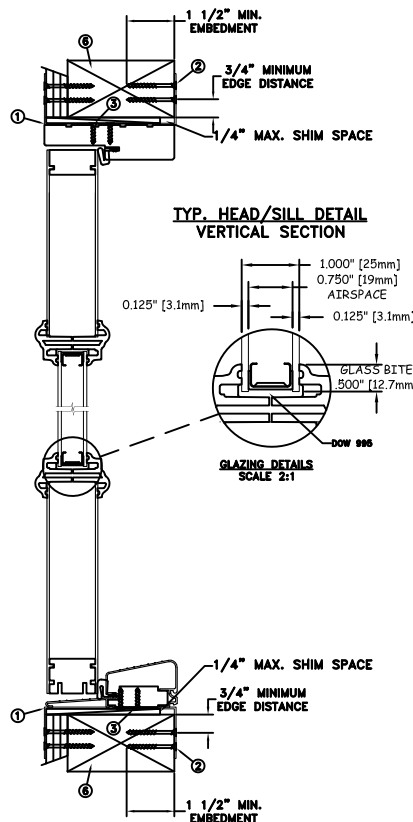
MICAH SWARTZ, P.E.
 PE No. 93573
 5134 Cambridge Ct.
 Klamath Falls, OR. 97603
 (541) 363-8075

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.Vezo	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.Vezo	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 9 of 20

MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 x 81.125	+50/-50	NO

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
- Use 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).
- 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.
- Install one (1) - #9 x 2-1/2" PH fastener through each hinge plate into rough opening.
- Install #10 x 2" fastener through jamb into sidelite frame.
- Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

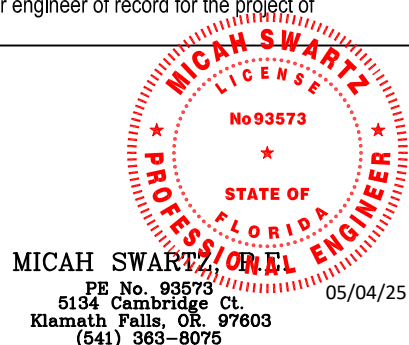
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- All glazing shall conform to ASTM E1300.
- Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
- Use structural or composite shims where required.
- Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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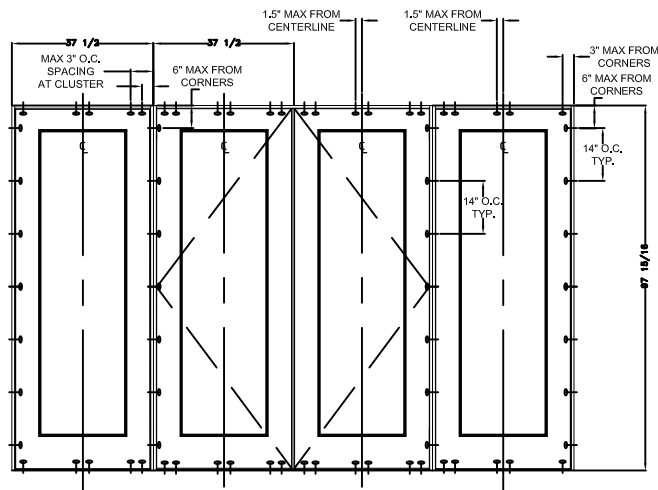
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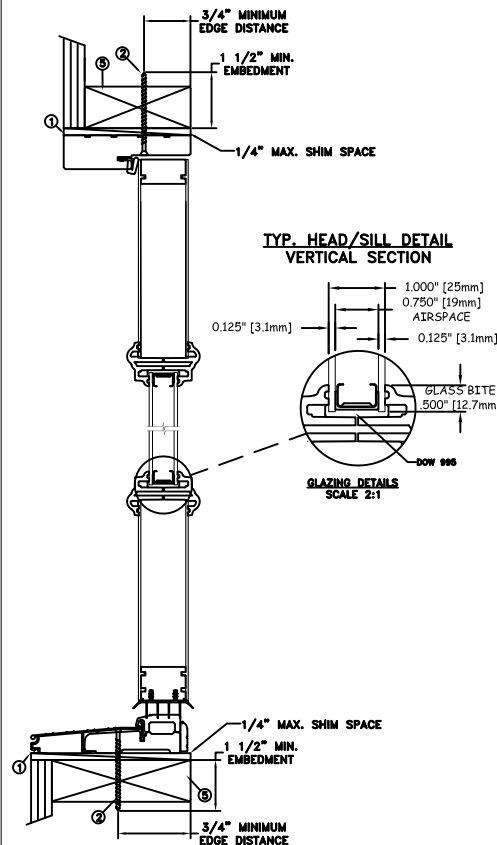
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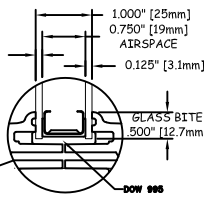
DATE: 04/07/2025	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.VEZO	RECORD No.: D1000180
REPORT No.: NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 10 of 20



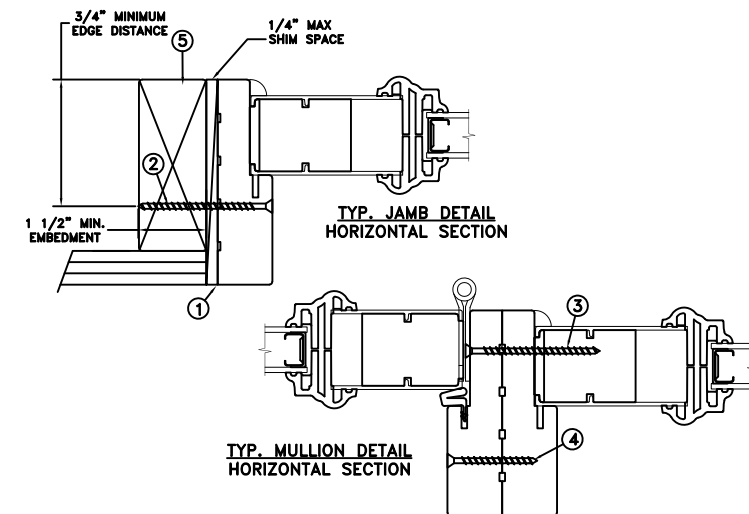
TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL
VERTICAL SECTION



GLAZING DETAILS
SCALE 2:1



TYP. JAMB DETAIL
HORIZONTAL SECTION

TYP. MULLION DETAIL
HORIZONTAL SECTION

THROUGH FRAME INSTALLATION

MAXIMUM FRAME	DP	IMPACT
148.75 x 97.9375	+45/-45	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. Install #10 x 2" fastener through jamb into sidelite frame.
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:

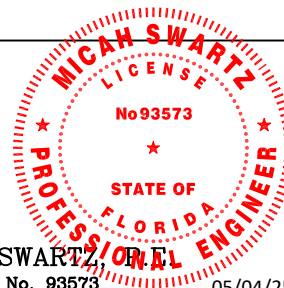
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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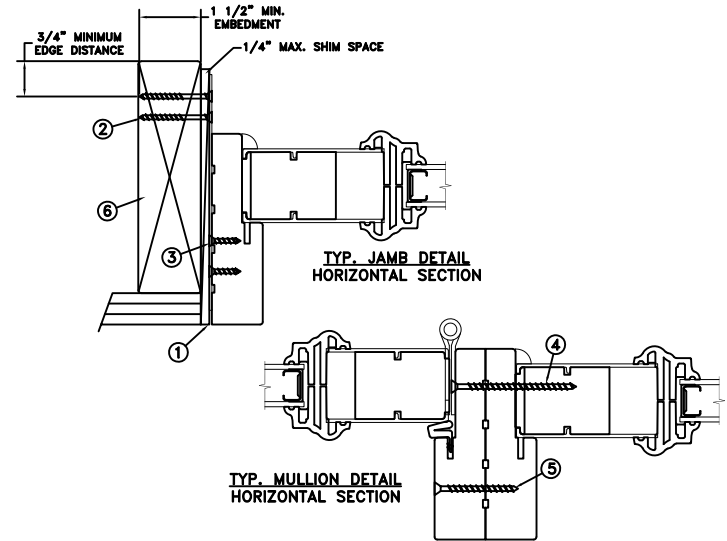
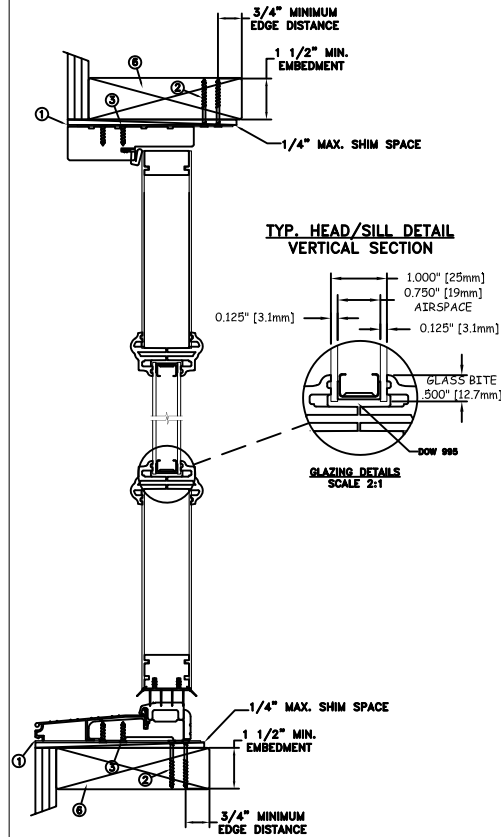
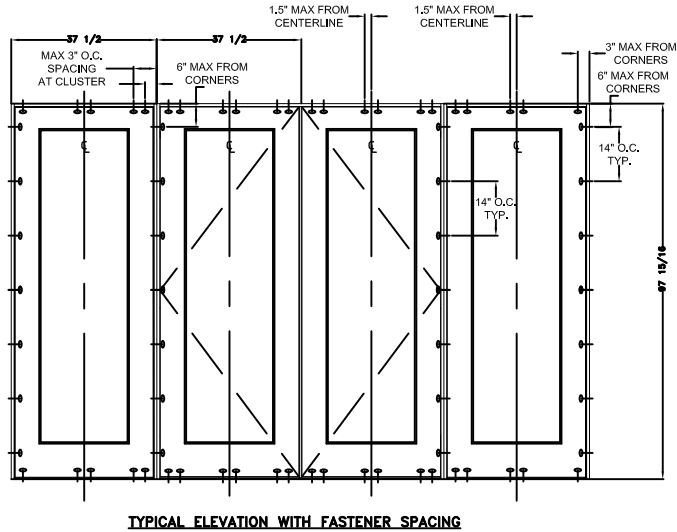


MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

05/04/25

DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	CAD DWG. No.: D015693
REPORT No.: NCTL-210-3916-02	
REV: B	SHEET 11 of 20

MASONRY STRAP INSTALLATION



MAXIMUM FRAME	DP	IMPACT
148.75 x 97.9375	+45/-45	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. Install #10 x 2" fastener through jamb into sidelite frame.
6. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

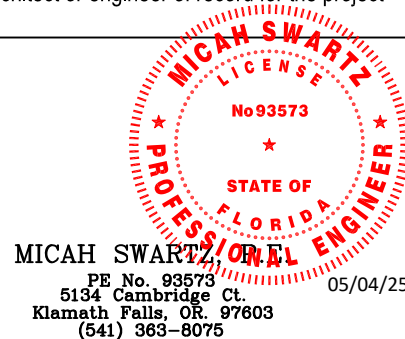
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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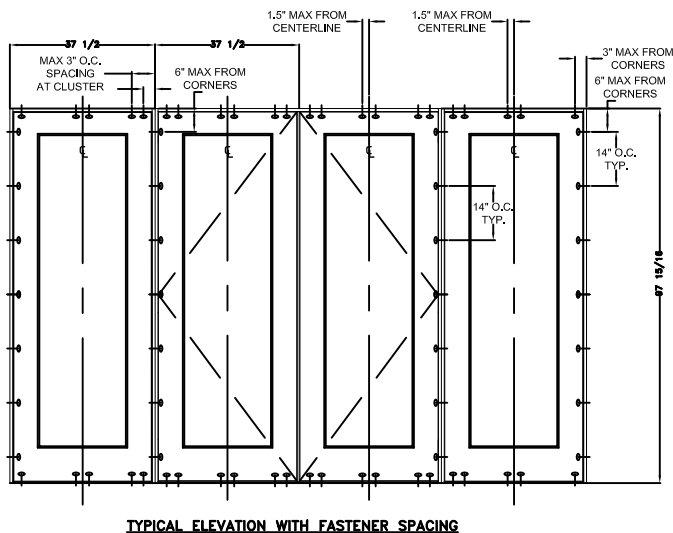
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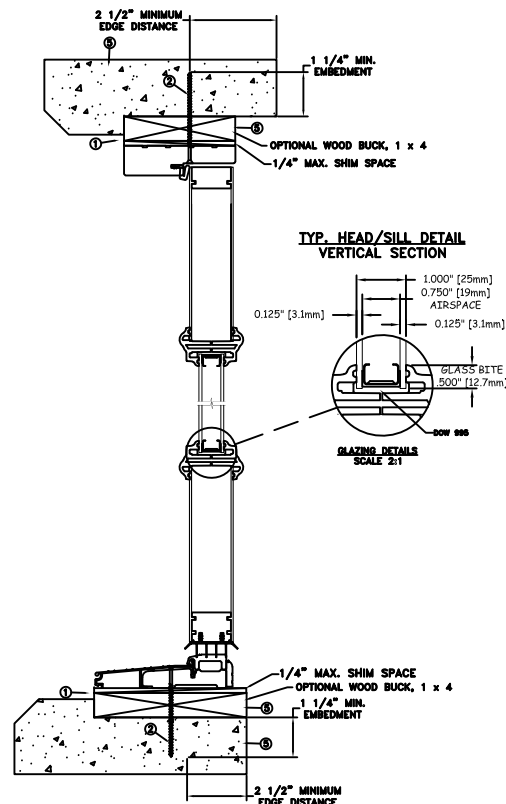


DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 12 of 20

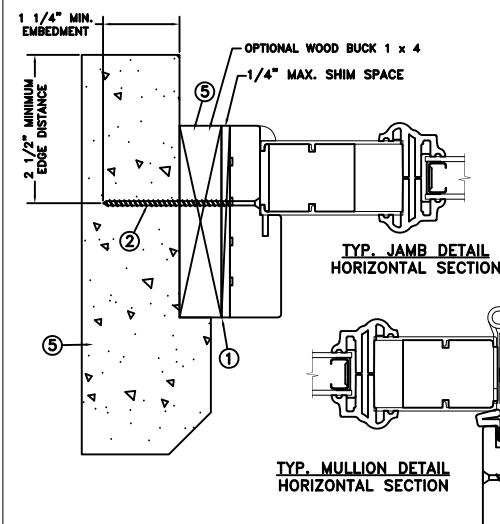
CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL
VERTICAL SECTION



TYP. JAMB DETAIL
HORIZONTAL SECTION

TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 x 97.9375	+45/-45	NO

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
- Use 1/4" tapcon or equivalent fasteners through frame with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
- Install one (1) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
- Install #10 x 2" fastener through jamb into sidelite frame.
- Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

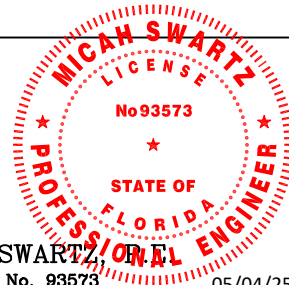
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- Use structural or composite shims where required.

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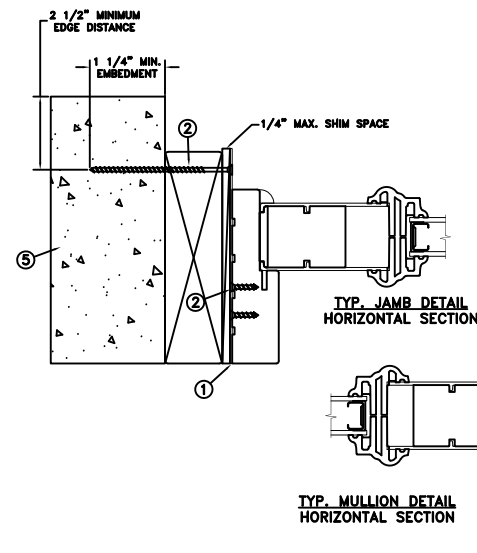
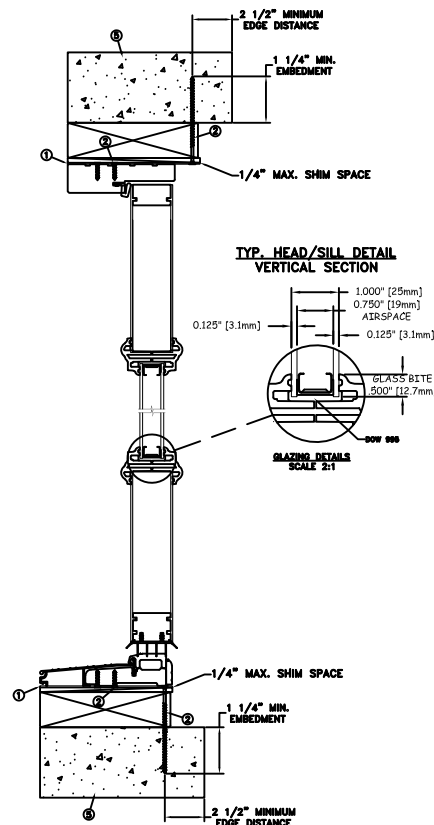
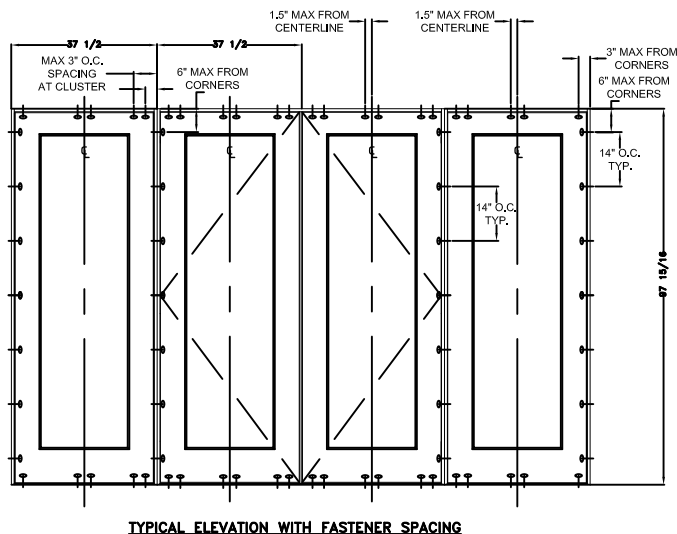


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DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	CAD DWG. No.: D015693
REPORT No.: NCTL-210-3916-02	
REV: B	SHEET 13 of 20

CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
148.75 x 97.9375	+45/-45	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) - 1/4" Tapcon or equivalent fasteners through strap with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. Use 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
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:

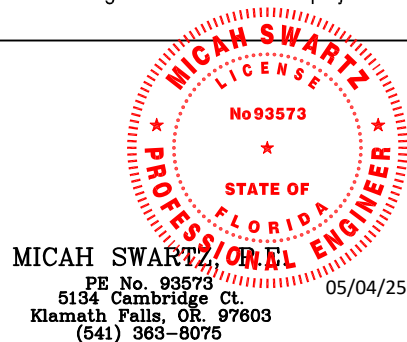
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4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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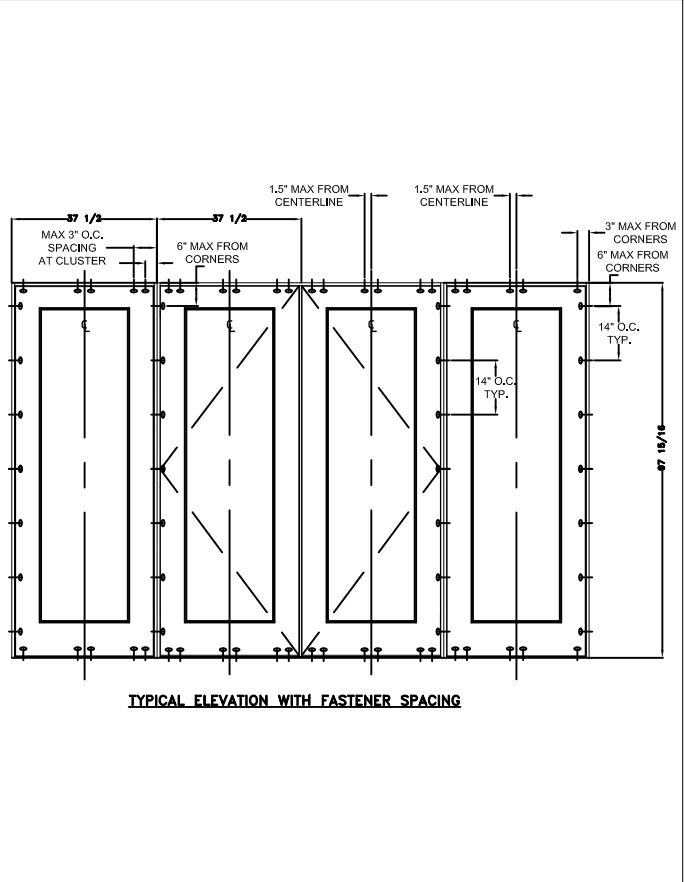
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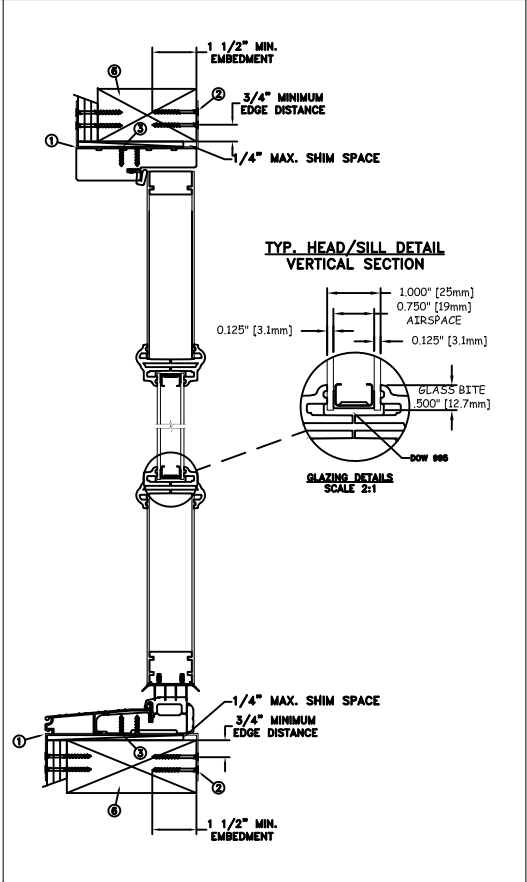


DATE: 04/07/2025	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 14 of 20

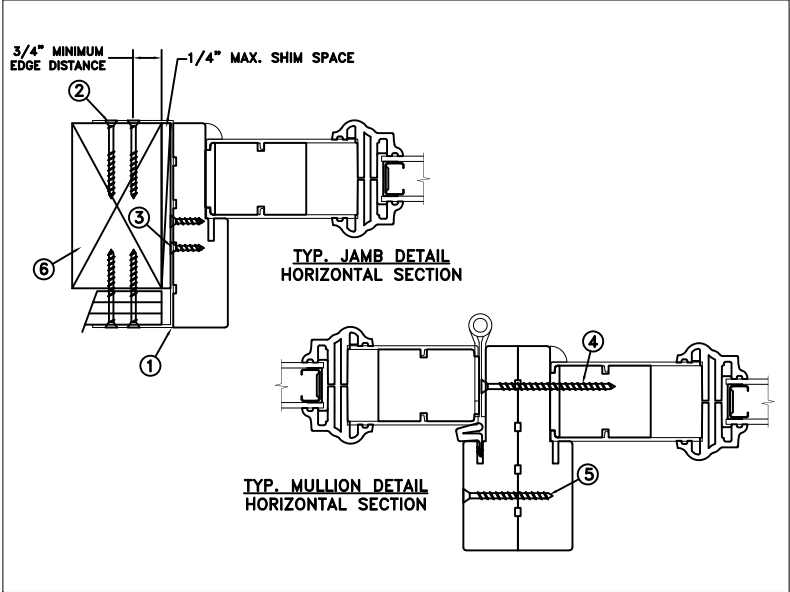
MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL
VERTICAL SECTION



TYP. JAMB DETAIL
HORIZONTAL SECTION

TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 x 97.9375	+45/-45	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. Install #10 x 2" fastener through jamb into sidelite frame.
6. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

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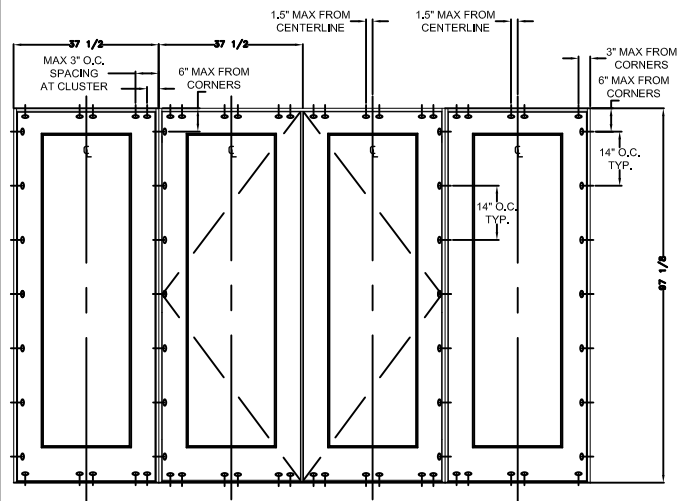
General Notes:

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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

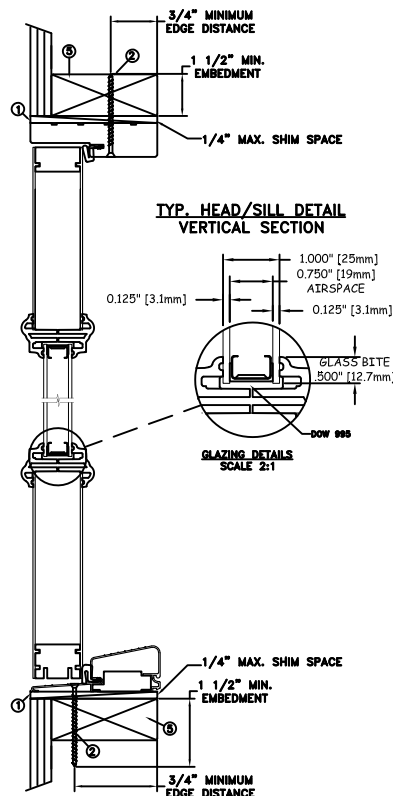
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CHECKED BY: D.Vezo		TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Inswing 4 Panel OXXO		
APPROVED BY: D.Vezo				
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REPORT No. NCTL-210-3916-02		CAD DWG. No.: D015693		REV: B SHEET 15 of 20

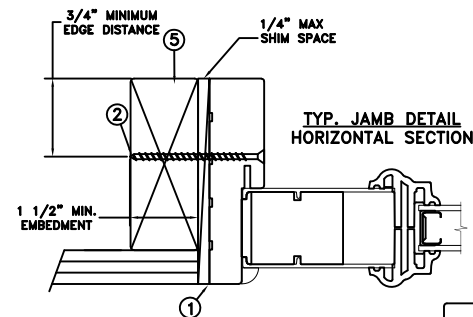


TYPICAL ELEVATION WITH FASTENER SPACING

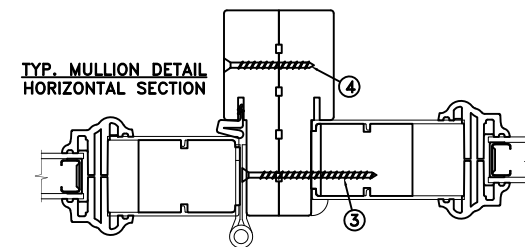


TYP. HEAD/SILL DETAIL
VERTICAL SECTION

GLAZING DETAILS
SCALE 2:1



TYP. JAMB DETAIL
HORIZONTAL SECTION



TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 x 97.125	+45/-45	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. Install #10 x 2" fastener through jamb into sidelite frame.
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:

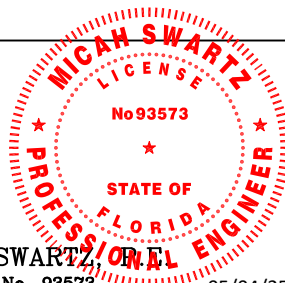
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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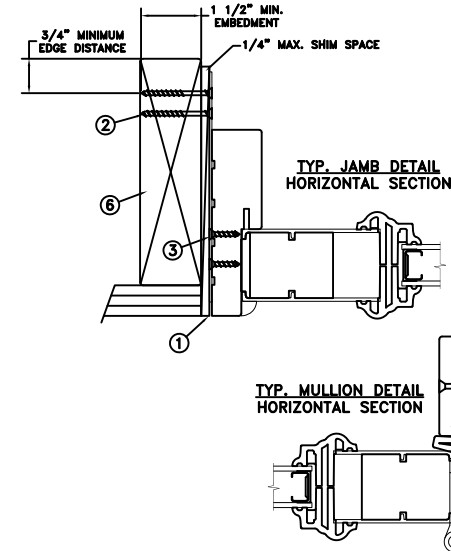
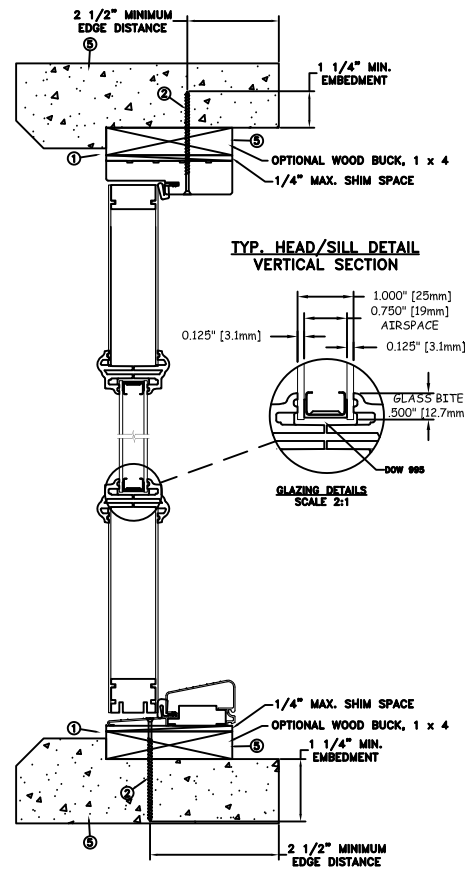
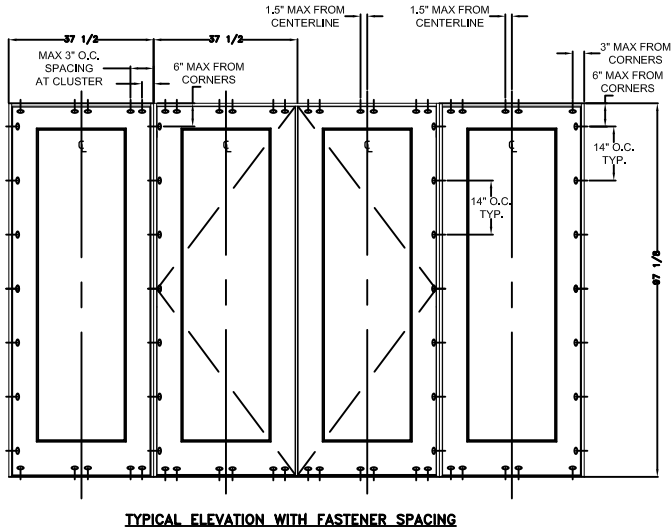


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05/04/25

	DATE: 04/07/2025	 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: M.HAM	SCALE: NTS			
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO			
APPROVED BY: D.VEZO				
RECORD No.: D1000180				
REPORT No. NCTL-210-3916-02		CAD DWG. No.: D015693	REV: B	SHEET 16 of 20

MASONRY STRAP INSTALLATION



MAXIMUM FRAME	DP	IMPACT
148.75 x 97.125	+45/-45	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:

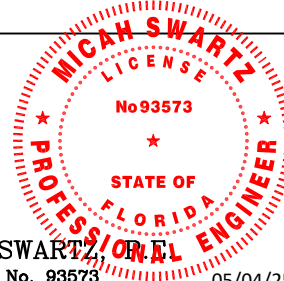
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2. All glazing shall conform to ASTM E1300.
3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.
5. Masonry strap specifications: 20 Ga, galvanized steel, .036" min. thickness x 1.5" min. width.

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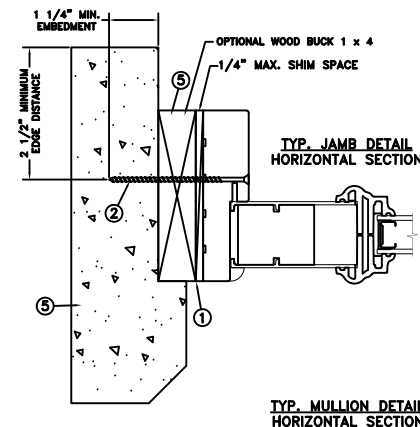
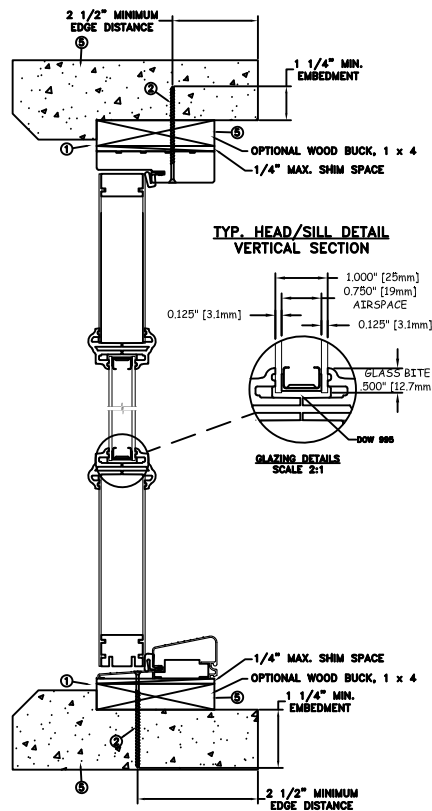
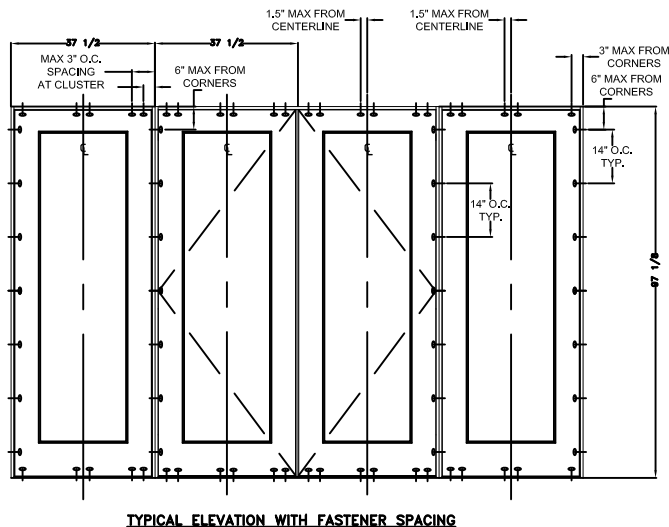


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05/04/25

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DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.VEZO	
RECORD No.: D1000180	
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693
REV: B	SHEET 17 of 20

CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
148.75 x 97.125	+45/-45	NO

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use 1/4" 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete or masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
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:

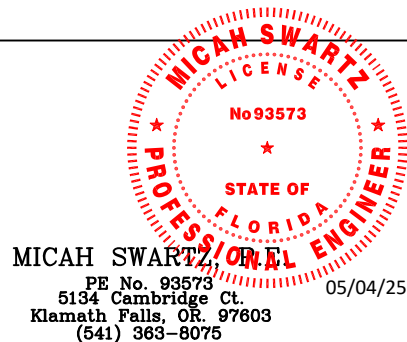
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3. Glazing is 3.1mm tempered - 19.0mm airspace - 3.1mm tempered glass.
4. Use structural or composite shims where required.

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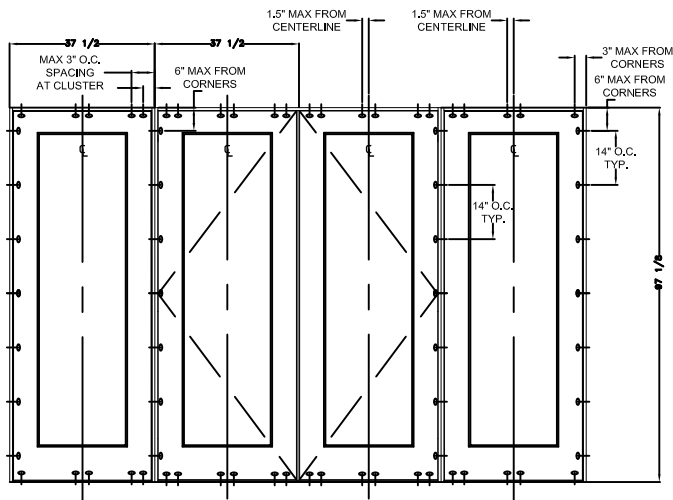
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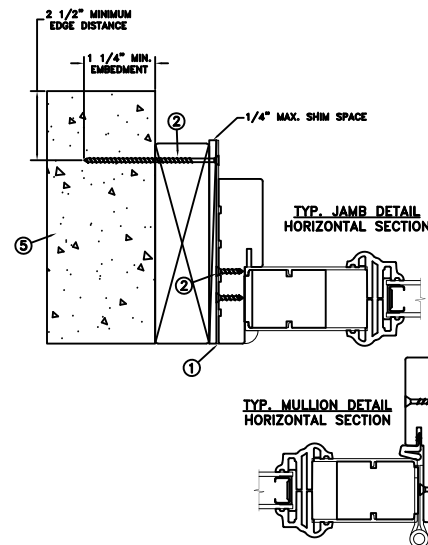
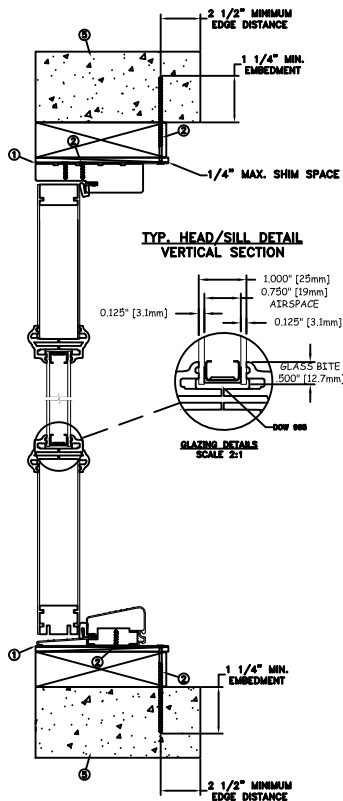


DATE: 04/07/2025		JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
SCALE: NTS		
DRAWN BY: M.HAM	CHECKED BY: D.VEZO	TITLE: Design Pro/Smooth Pro (F-3500) Fiberglass Swinging Door Outswing 4 Panel OXXO
APPROVED BY: D.VEZO	RECORD No.:	
D1000180		
REPORT No. NCTL-210-3916-02	CAD DWG. No.: D015693	REV: B SHEET 18 of 20

CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



MAXIMUM FRAME	DP	IMPACT
148.75 x 97.125	+45/-45	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) - 1/4" Tapcon or equivalent fasteners through strap with sufficient length to penetrate a minimum of 1-1/4" into concrete or masonry at each location with a 2-1/2" min. from edge distance. Use 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) - 1/4" tapcon through each hinge plate with 1-1/4" min. embedment into concrete masonry.
4. Install #10 x 2" fastener through jamb into sidelite frame.
5. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

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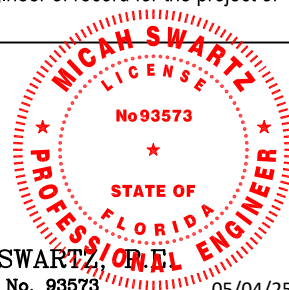
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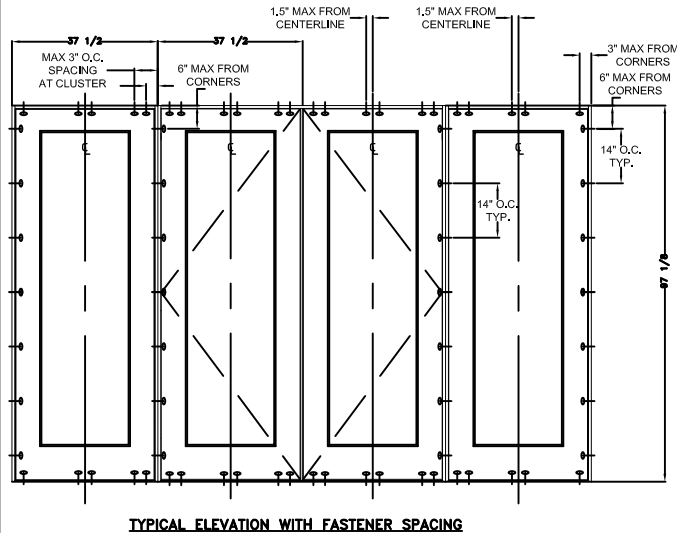


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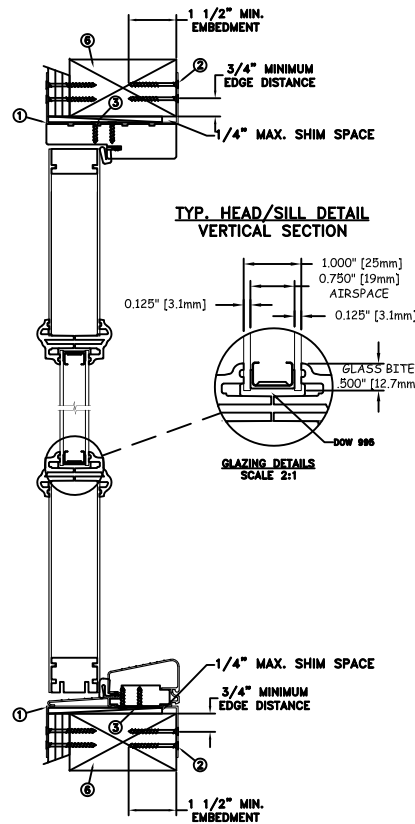
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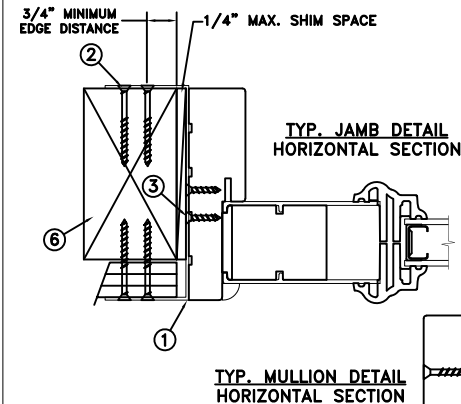
MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



TYP. HEAD/SILL DETAIL
VERTICAL SECTION



TYP. JAMB DETAIL
HORIZONTAL SECTION

TYP. MULLION DETAIL
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
148.75 x 97.125	+45/-45	NO

Installation Notes:

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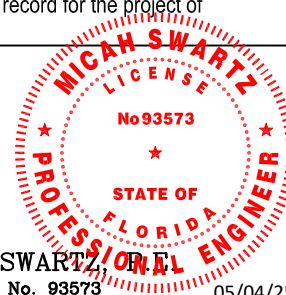
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