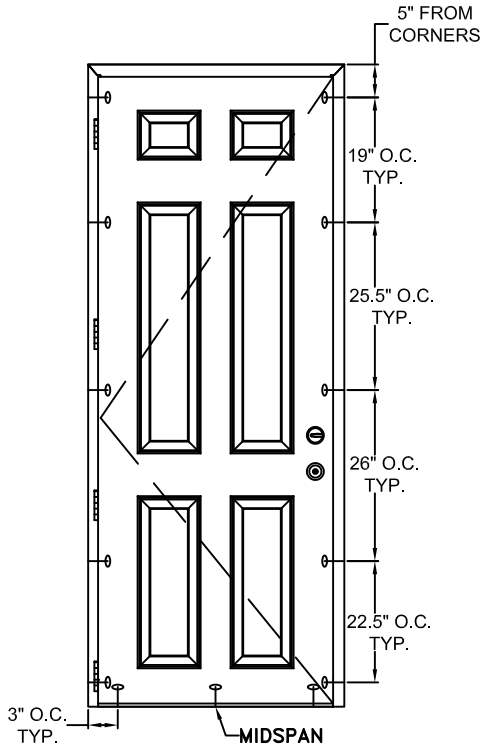
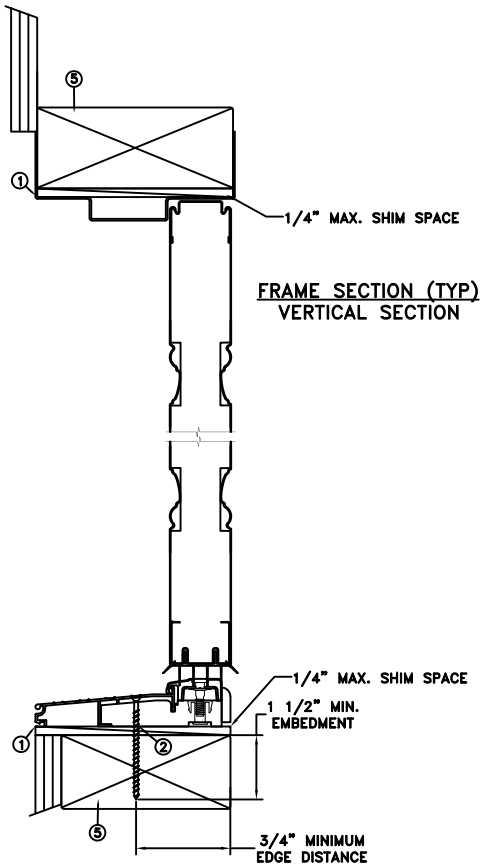
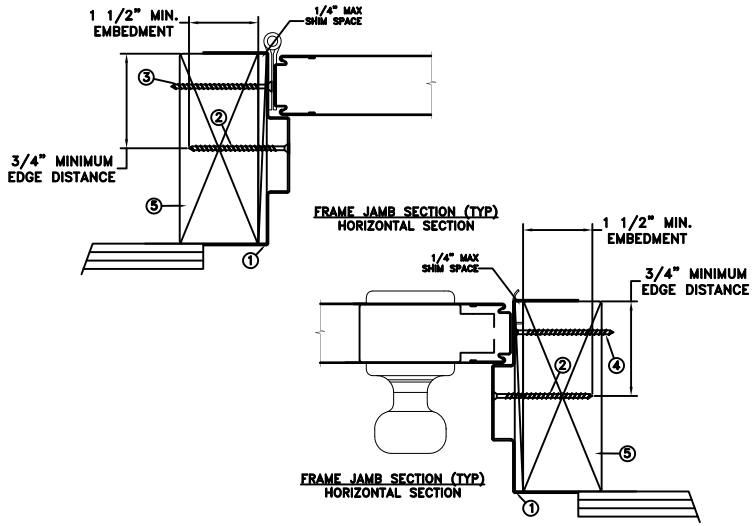
THROUGH FRAME INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

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. = 0.42).
3. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
4. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

Digitally signed by Micah Swartz, P.E.

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

MICAH SWARTZ LICENSE No 93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

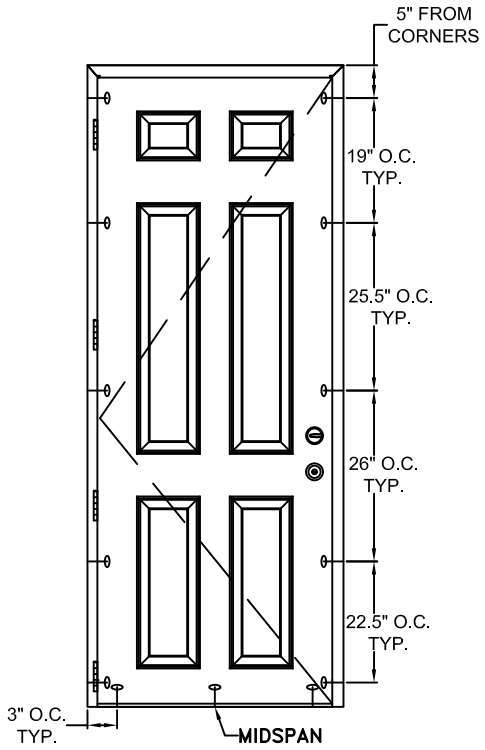
06/07/24

DRAWN BY:	M.HAM
CHECKED BY:	D.VEZO
APPROVED BY:	D.VEZO
RECORD No.:	D1000347
DATE:	05/23/2024
SCALE:	NTS

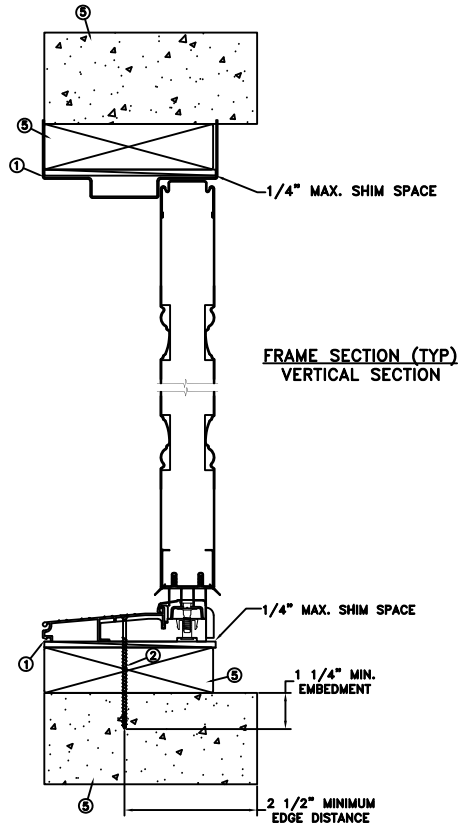
JELD-WEN
3737 LAKEPORT BLVD.
KLAMATH FALLS OR, 97601
PHONE: (800) 535-3936

TITLE: Contours Steel Edge ISW Opaque Steel Frame Door

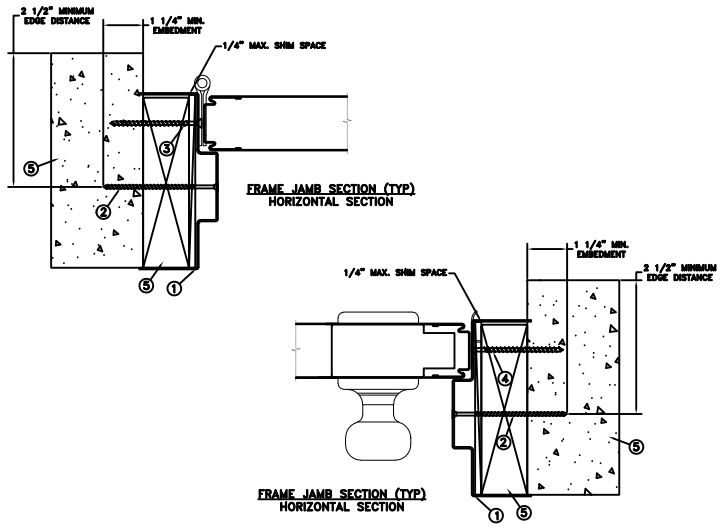
REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	1 of 14



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

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 the head & side jambs with sufficient length to penetrate a minimum of 1 1/4" into concrete or masonry at each location with a 2 1/2" min. from edge distance. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each hinge into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
4. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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.

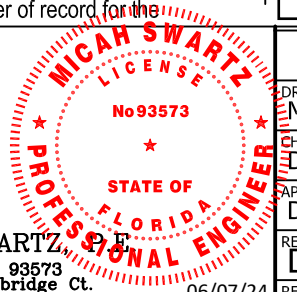
General Notes:

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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

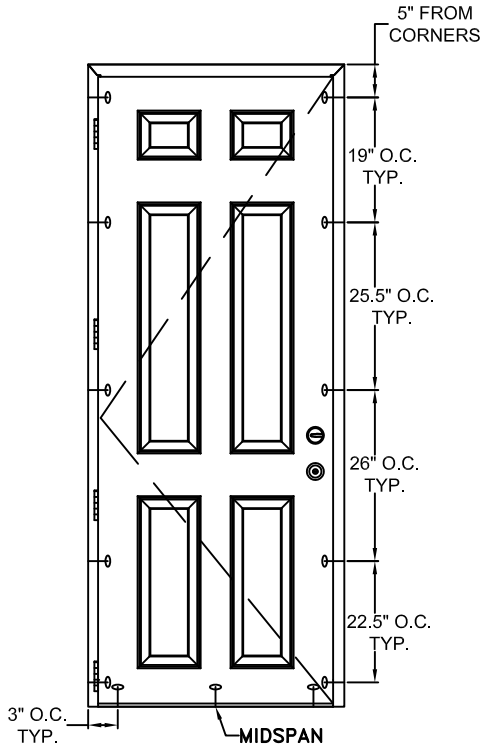
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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



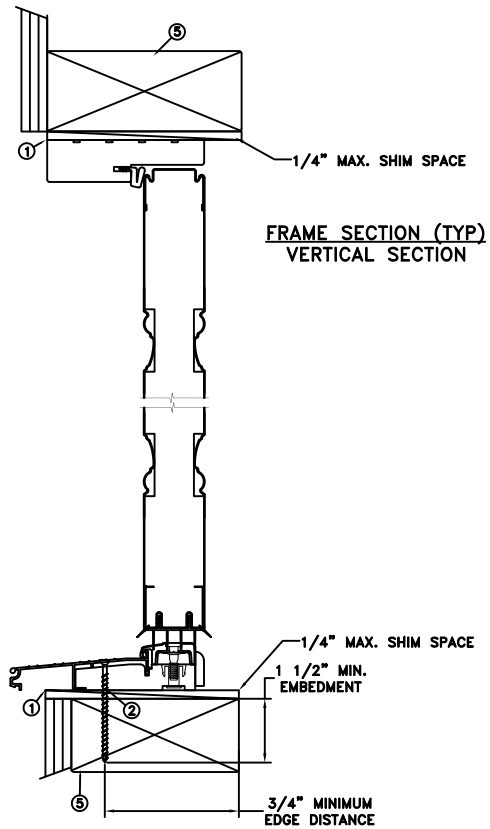
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

06/07/24

DRAWN BY: M.HAM	DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
CHECKED BY: D.VEZO	SCALE: NTS	TITLE: Contours Steel Edge ISW Opaque Steel Frame Door
APPROVED BY: D.VEZO		
RECORD No.: D1000347		
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: –	REV: C

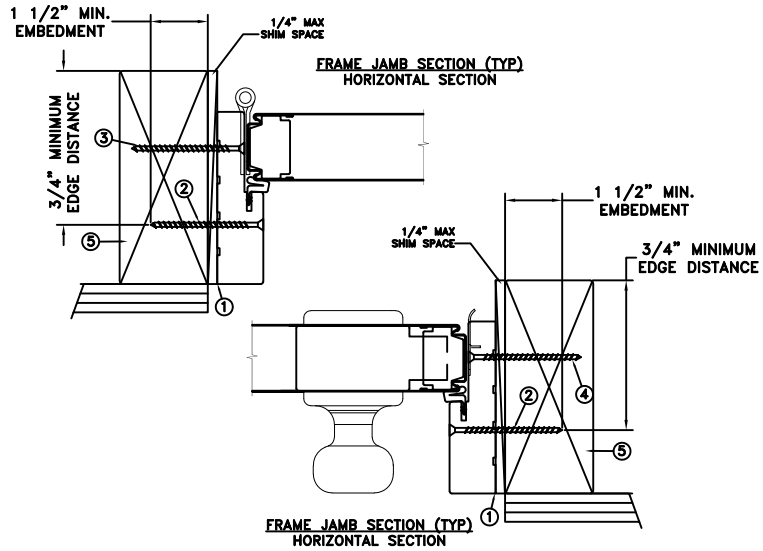


TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)
VERTICAL SECTION

THROUGH FRAME INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

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. = 0.42).
3. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
4. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

MICAH SWARTZ LICENSE No 93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

06/07/24

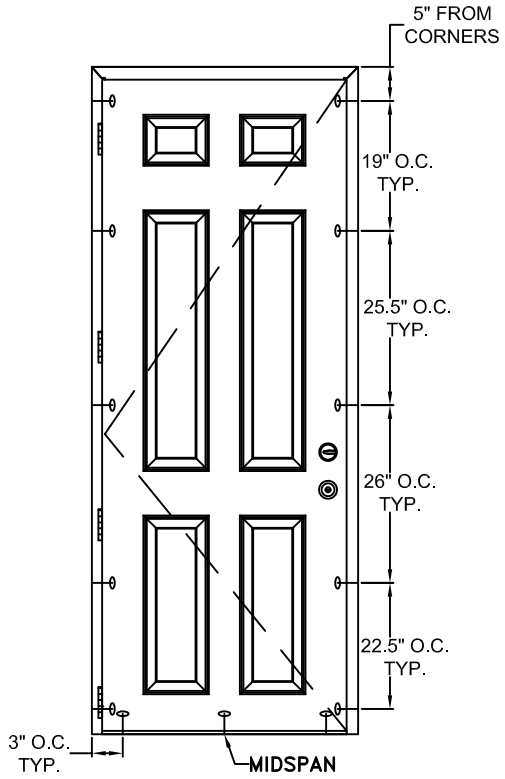
DRAWN BY: M.HAM	DATE: 05/23/2024
CHECKED BY: D.VEZO	SCALE: NTS
APPROVED BY: D.VEZO	
RECORD No.: D1000347	

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

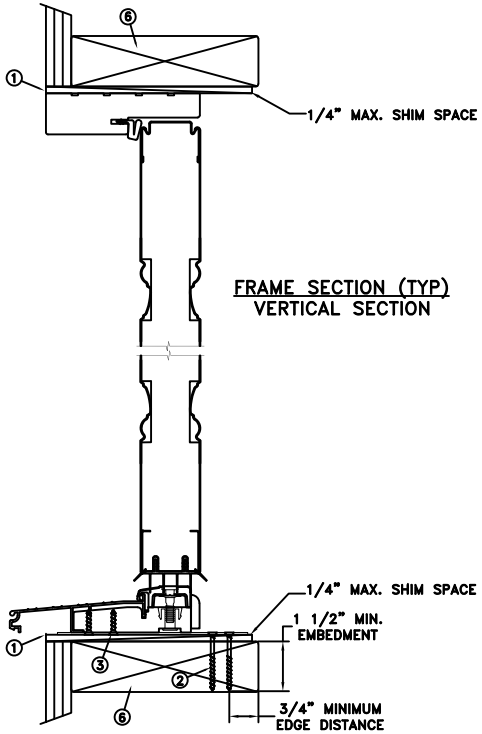
TITLE: Contours Steel Edge Inswing Opaque X

REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	3 of 14

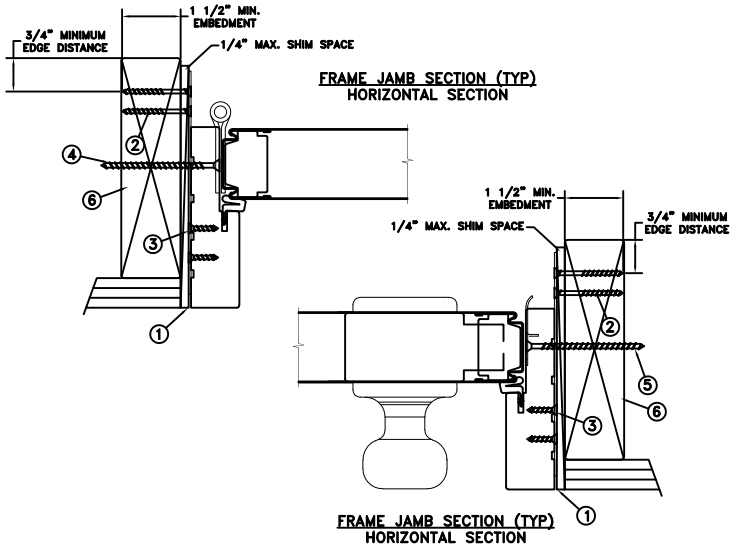
MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use (2) #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
4. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
5. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

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.

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

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

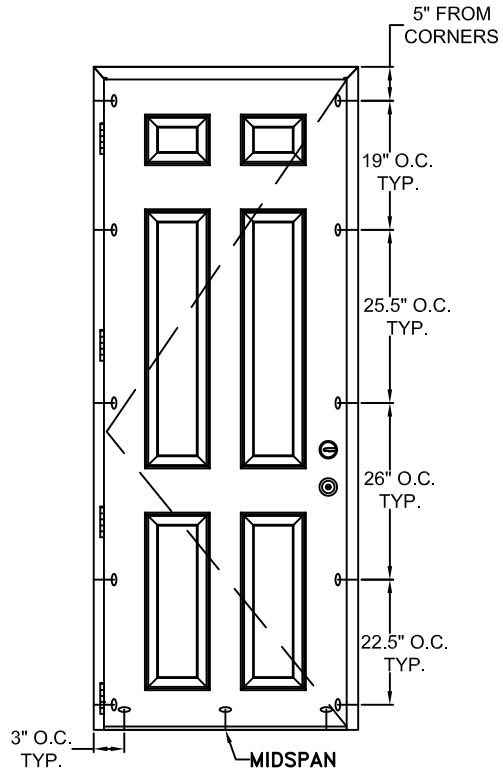
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

MICAH SWARTZ LICENSE No 93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

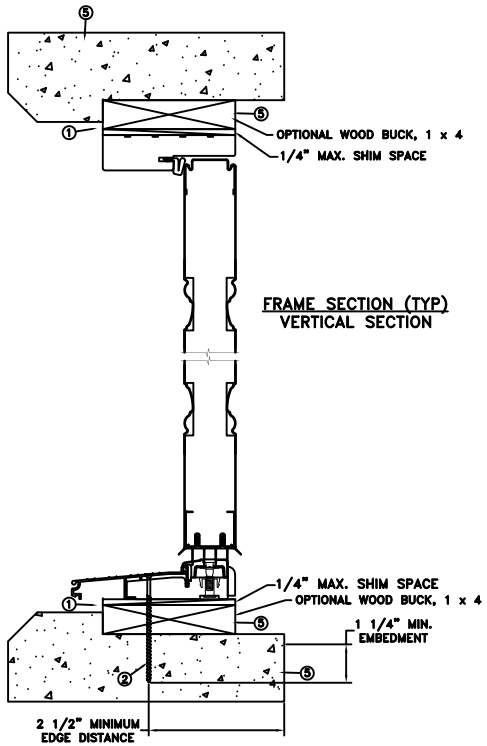
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

06/07/24

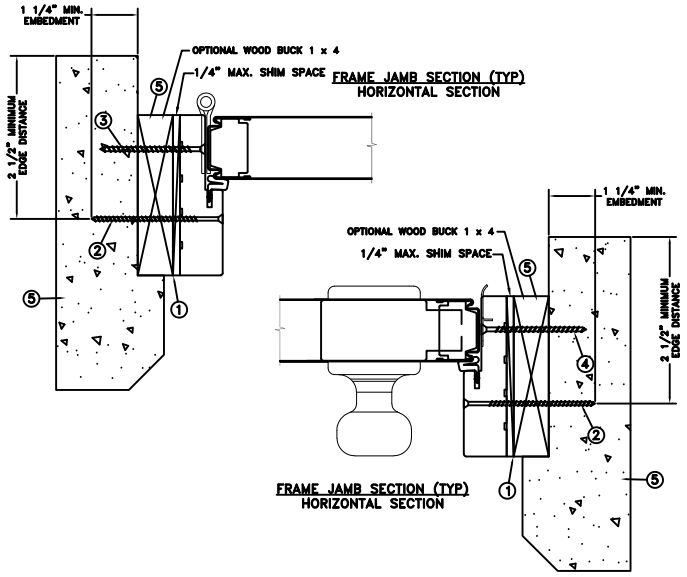
DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Contours Steel Edge Inswing Opaque X
APPROVED BY: D.VEZO	
RECORD No.: D1000347	
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: – REV: C SHEET 4 of 14



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

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. Use (2) - 1/4" Tapcon screws through each hinge into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
4. Use (2) - 1/4" Tapcon screws through each latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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.

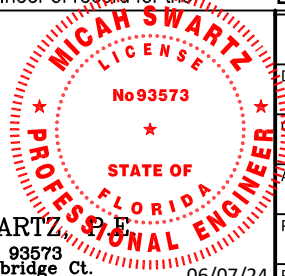
General Notes:

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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

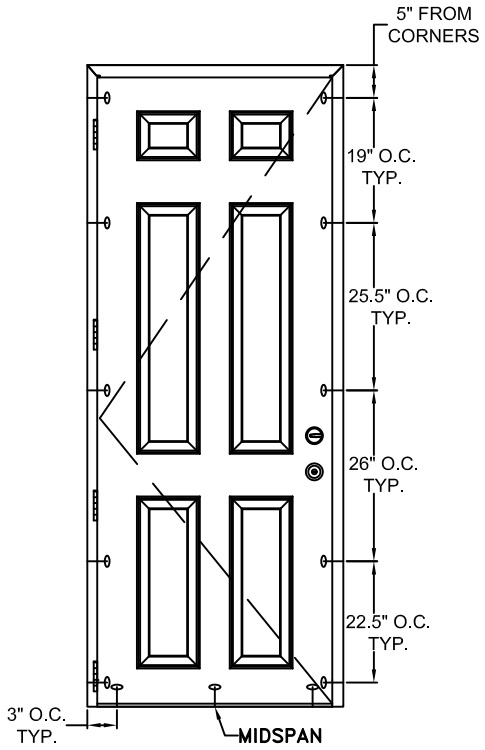
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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



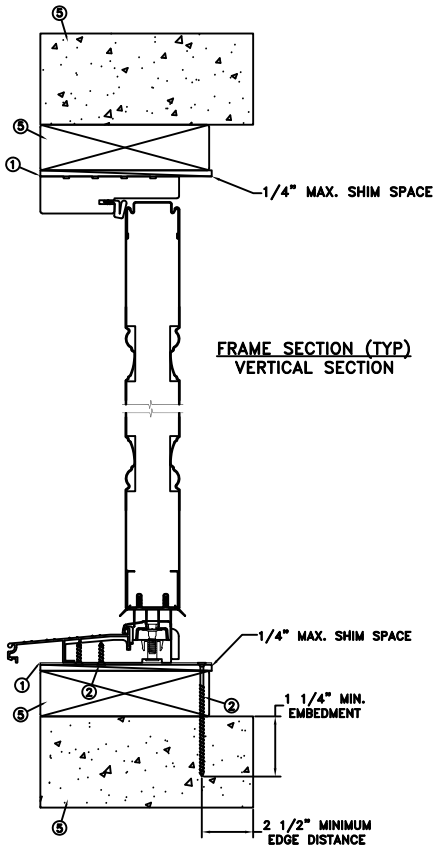
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

06/07/24

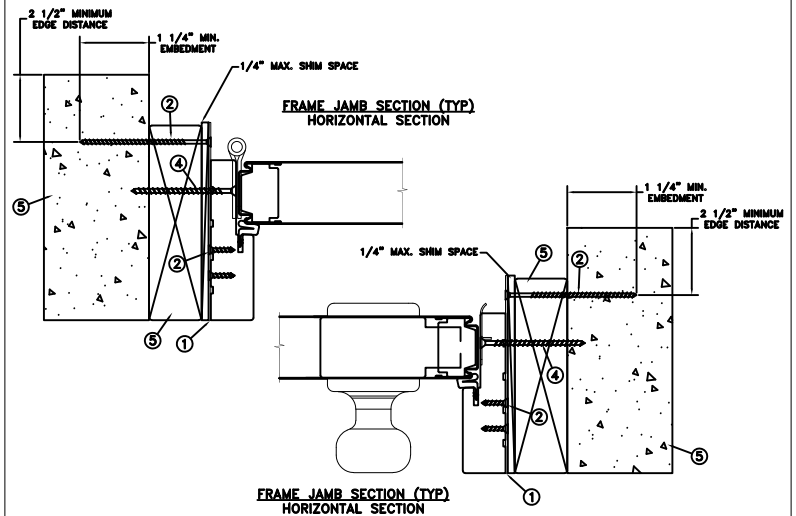
	DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS	
CHECKED BY: D.VEZO	TITLE: Contours Steel Edge Inswing Opaque X	
APPROVED BY: D.VEZO		
RECORD No.: D1000347		
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: –	REV: C



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

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 the masonry 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. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into the product causing visibility or damage to product.
4. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each hinge and latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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. Use structural or composite shims where required.
3. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

06/07/24

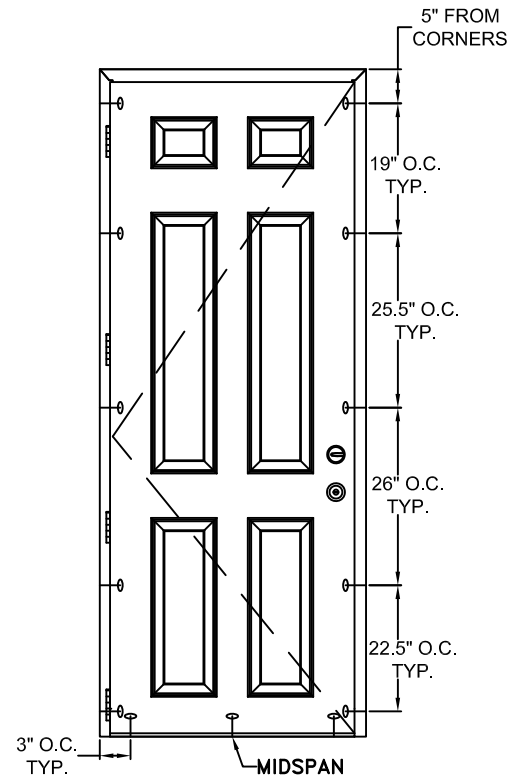
DRAWN BY: M.HAM	DATE: 05/23/2024
CHECKED BY: D.VEZO	SCALE: NTS
APPROVED BY: D.VEZO	
RECORD No.: D1000347	

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

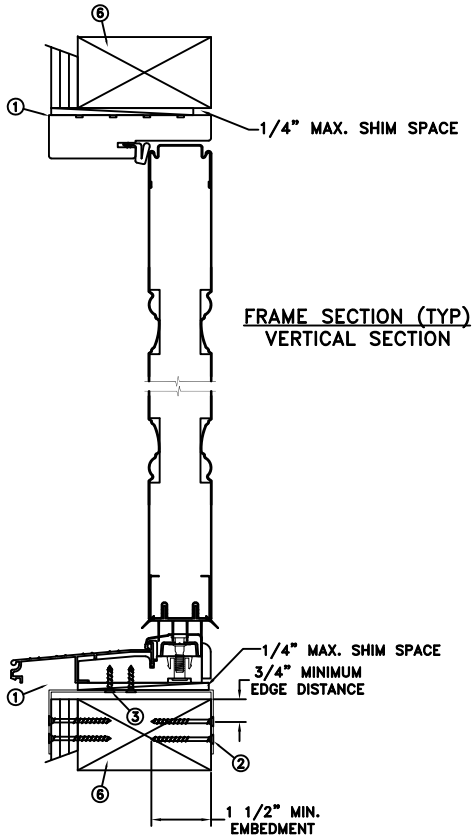
TITLE:
Contours Steel Steel Edge Swinging Door Inswing
Wood Frame

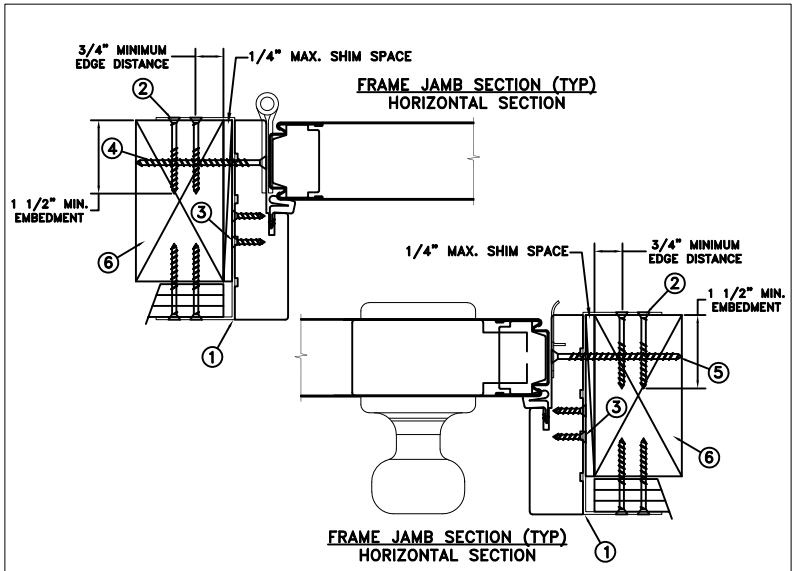
REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	6 of 14

MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





MAXIMUM FRAME	DP	IMPACT
38.9375" x 97.125"	+55/−55	YES

WINDZONE 4

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use (2) #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. Bend straps around buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
4. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
5. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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:

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

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

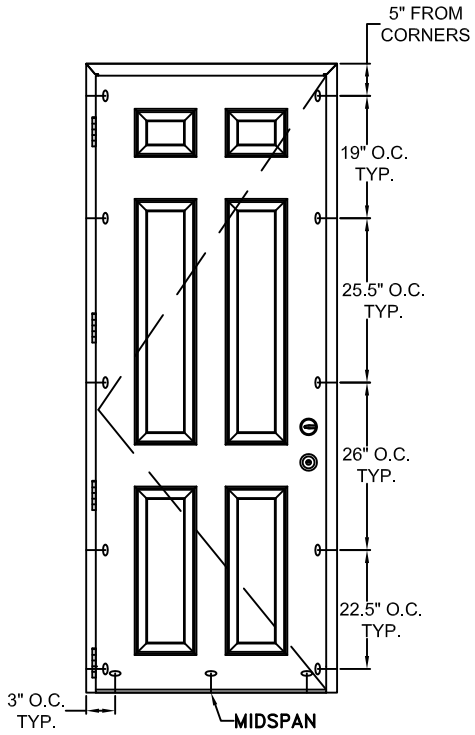
MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

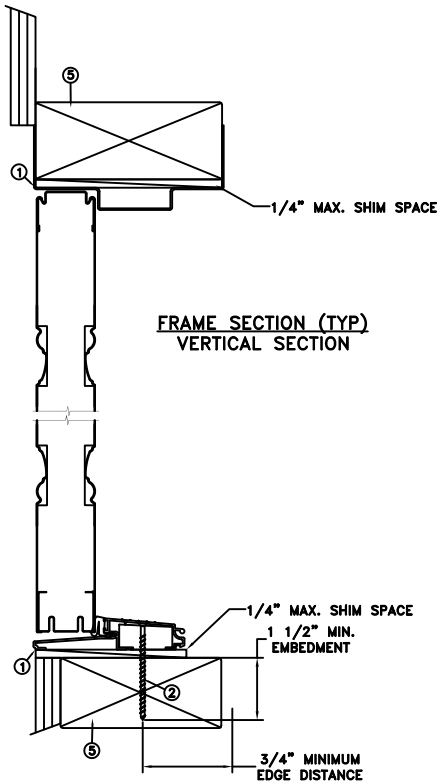
06/07/24

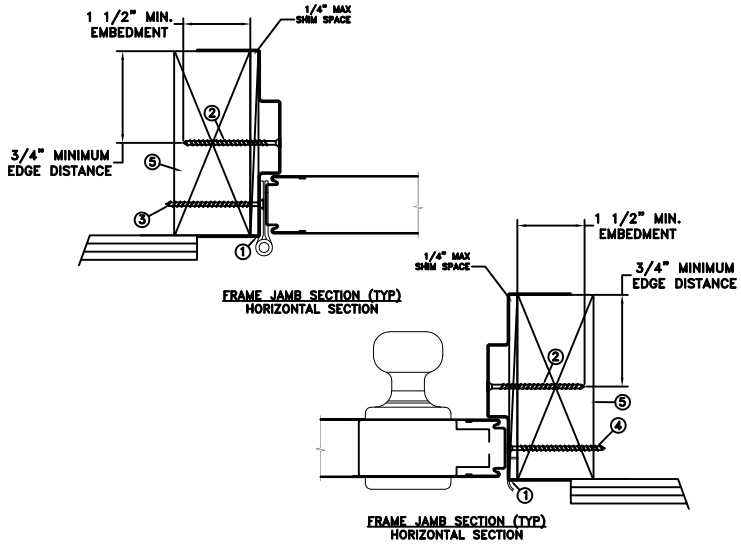
DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Contours Steel Edge Inswing Opaque X
APPROVED BY: D.VEZO	
RECORD No.: D1000347	
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: – REV: C SHEET 7 of 14

THROUGH FRAME INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

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. = 0.42).
3. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
4. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

MICAH SWARTZ LICENSE No 93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

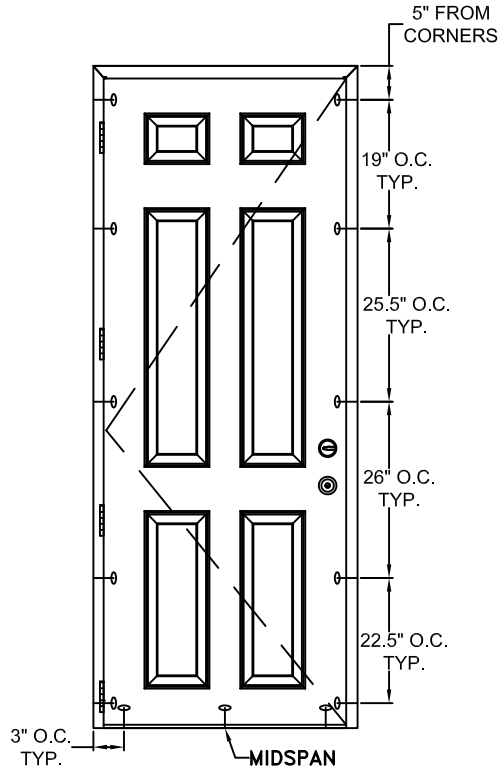
06/07/24

DRAWN BY: M.HAM	DATE: 05/23/2024
CHECKED BY: D.VEZO	SCALE: NTS
APPROVED BY: D.VEZO	
RECORD No.: D1000347	

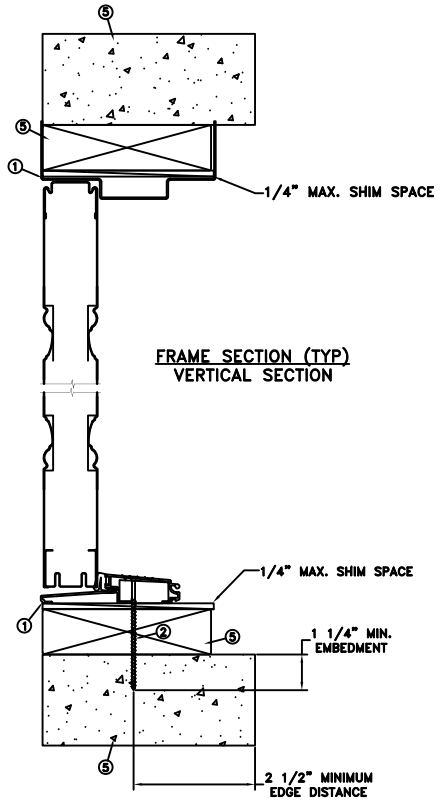
JELD-WEN
3737 LAKEPORT BLVD.
KLAMATH FALLS OR, 97601
PHONE: (800) 535-3936

TITLE: Contours Steel Edge OSW Opaque Steel Frame Door

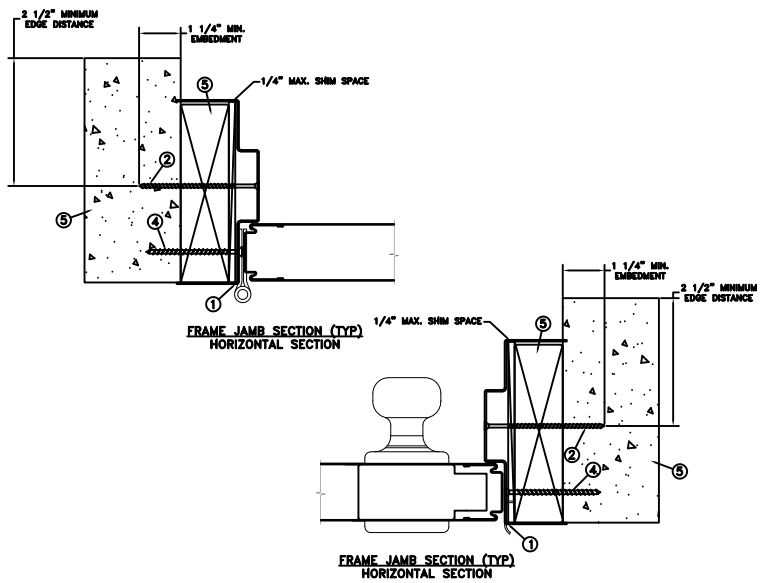
REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	8 of 14



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

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 the head & side jambs with sufficient length to penetrate a minimum of 1 1/4" into concrete or masonry at each location with a 2 1/2" min. from edge distance. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each hinge into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
4. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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.

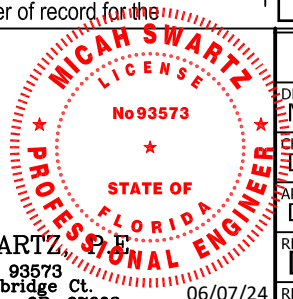
General Notes:

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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

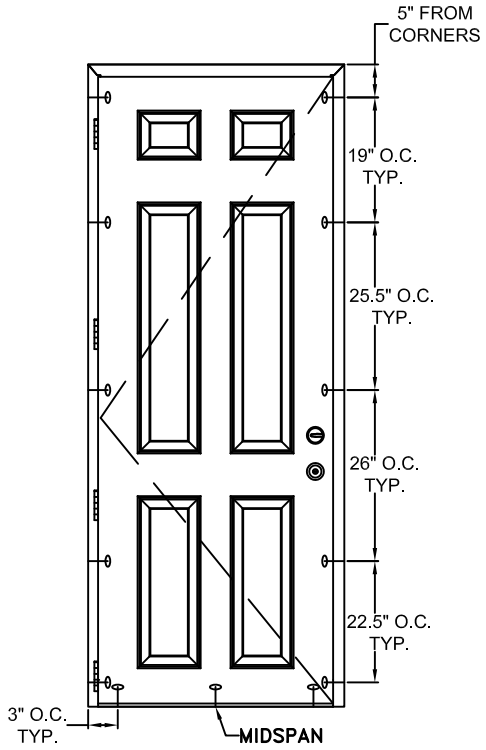
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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



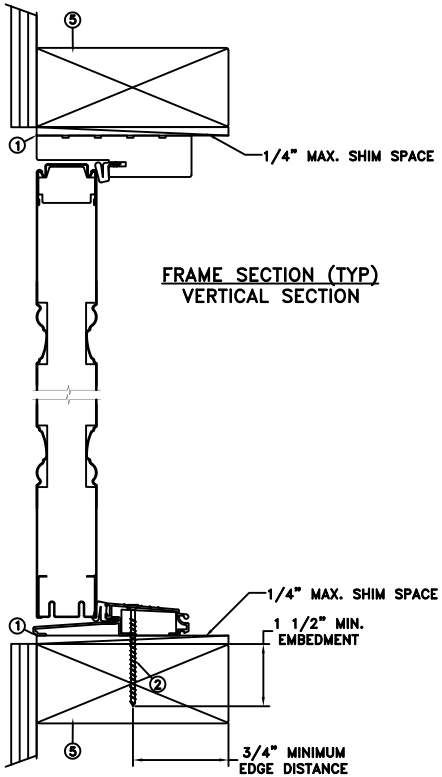
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

06/07/24

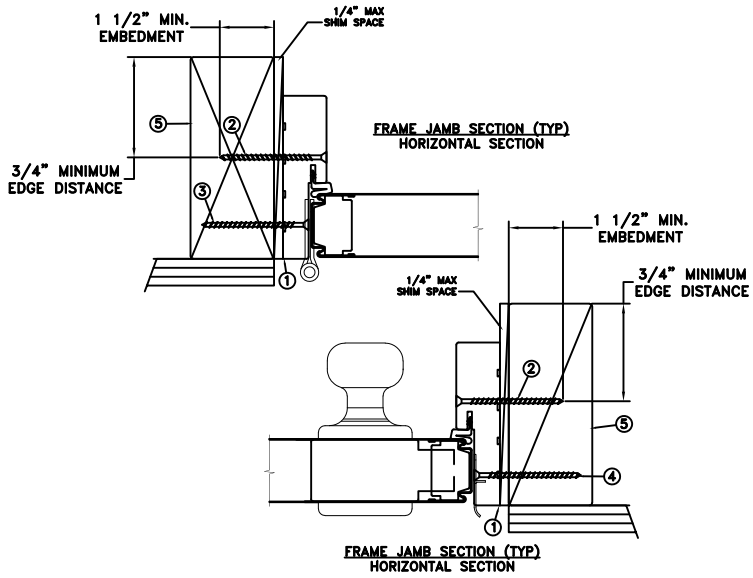
DRAWN BY: M.HAM	DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
CHECKED BY: D.VEZO	SCALE: NTS	TITLE: Contours Steel Edge OSW Opaque Steel Frame Door
APPROVED BY: D.VEZO		
RECORD No.: D1000347		
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: –	REV: C



TYPICAL ELEVATION WITH FASTENER SPACING



THROUGH FRAME INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

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. = 0.42).
3. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
4. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

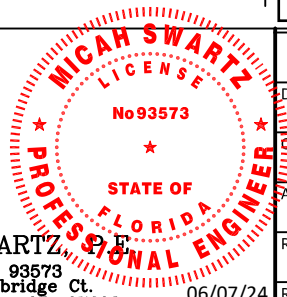
General Notes:

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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

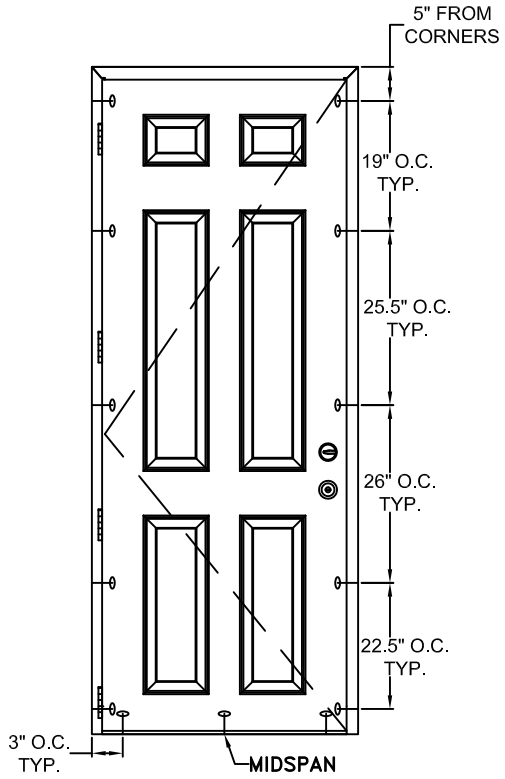


MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

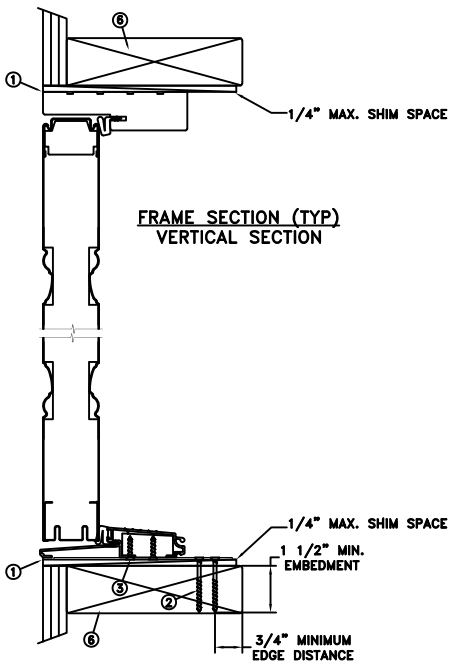
06/07/24

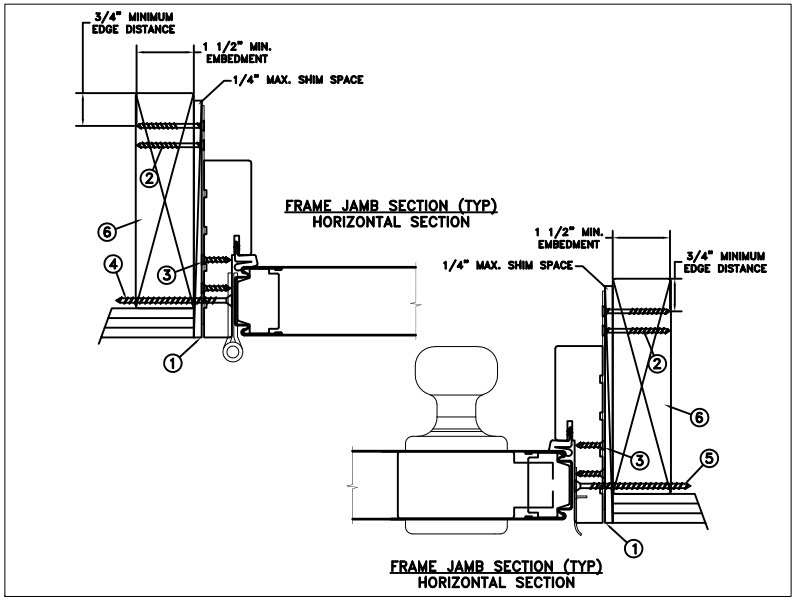
	DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS	
CHECKED BY: D.VEZO	TITLE: Contours Steel Edge Outswing Opaque X	
APPROVED BY: D.VEZO		
RECORD No.: D1000347		
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: –	REV: C

MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use (2) #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
4. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
5. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

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.

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

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

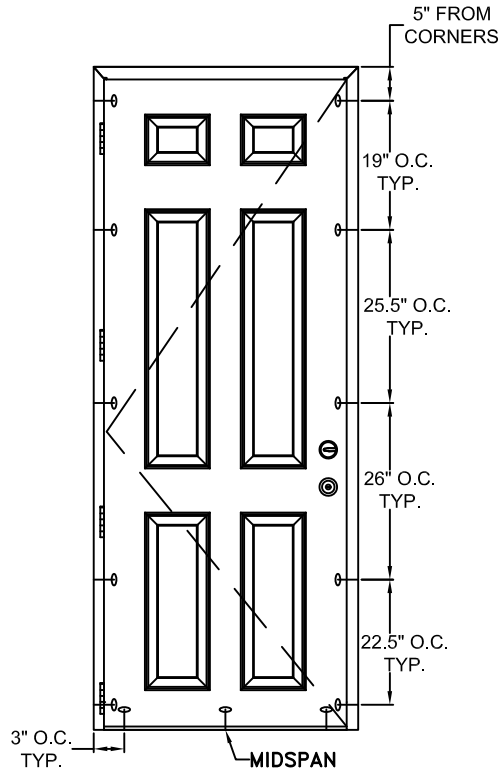
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

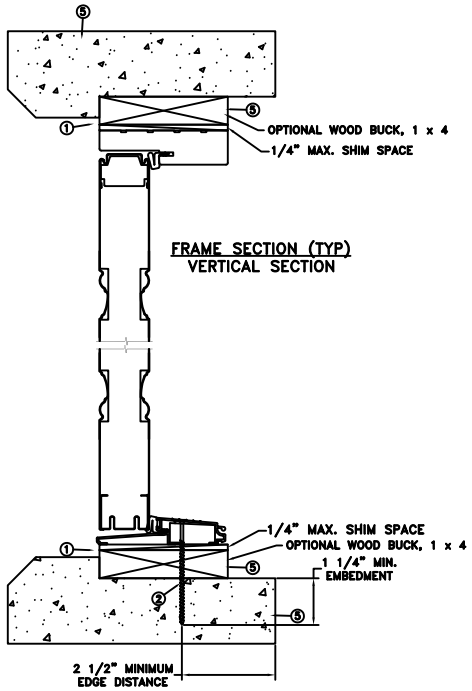
MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075

06/07/24

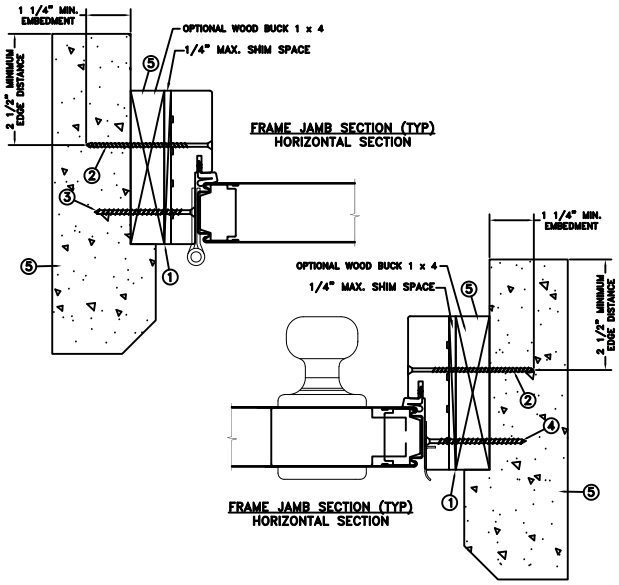
DATE: 05/23/2024	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: M.HAM	SCALE: NTS
CHECKED BY: D.VEZO	TITLE: Contours Steel Edge Outswing Opaque X
APPROVED BY: D.VEZO	
RECORD No.: D1000347	
REPORT No.: NCTL-210-3880-1A	CAD DWG. No.: – REV: C SHEET: 11 of 14



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

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. Use (2) - 1/4" Tapcon screws through each hinge into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
4. Use (2) - 1/4" Tapcon screws through each latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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. Use structural or composite shims where required.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075
06/07/24

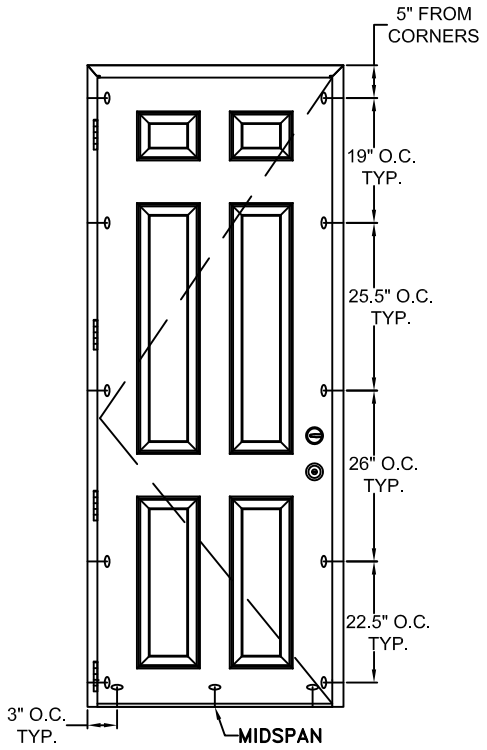
MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

DRAWN BY:	M.HAM
CHECKED BY:	D.VEZO
APPROVED BY:	D.VEZO
RECORD No.:	D1000347
DATE:	05/23/2024
SCALE:	NTS

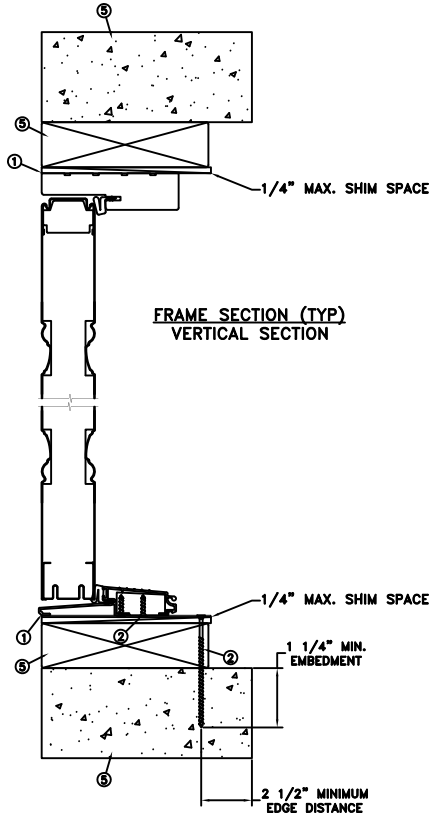
JELD-WEN
3737 LAKEPORT BLVD.
KLAMATH FALLS OR, 97601
PHONE: (800) 535-3936

TITLE: Contours Steel Edge Outswing Opaque X

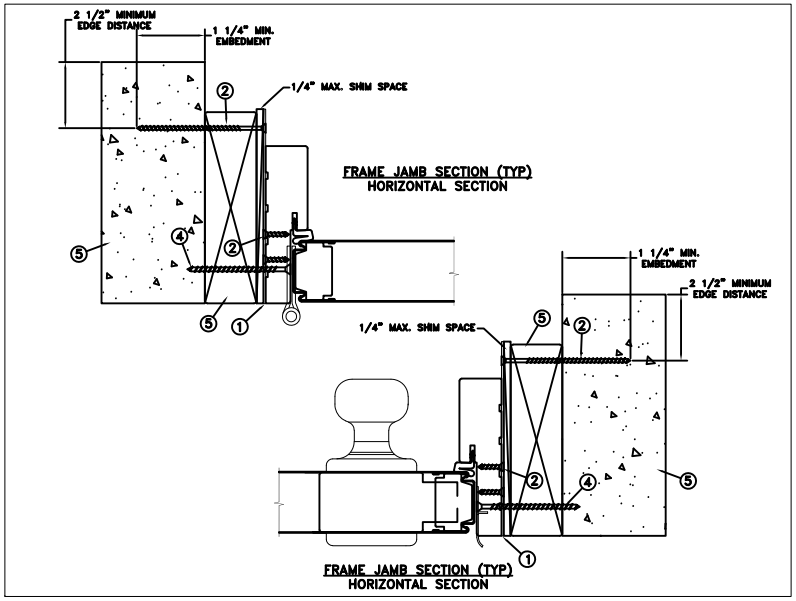
REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	12 of 14



TYPICAL ELEVATION WITH FASTENER SPACING



CONCRETE/MASONRY INSTALLATION



MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

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 the masonry 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. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into the product causing visibility or damage to product.
4. Use (2) - 1/4" x 3" corrosion resistant Tapcon screws through each hinge and latch plate into rough opening with a minimum 1-1/4" embedment, and minimum distance of 2-1/2" from the edge.
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. Use structural or composite shims where required.
3. Masonry strap specifications: 20 Ga. galvanized steel, .036" min. thickness x 1.5" min. width.

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

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.

MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

06/07/24

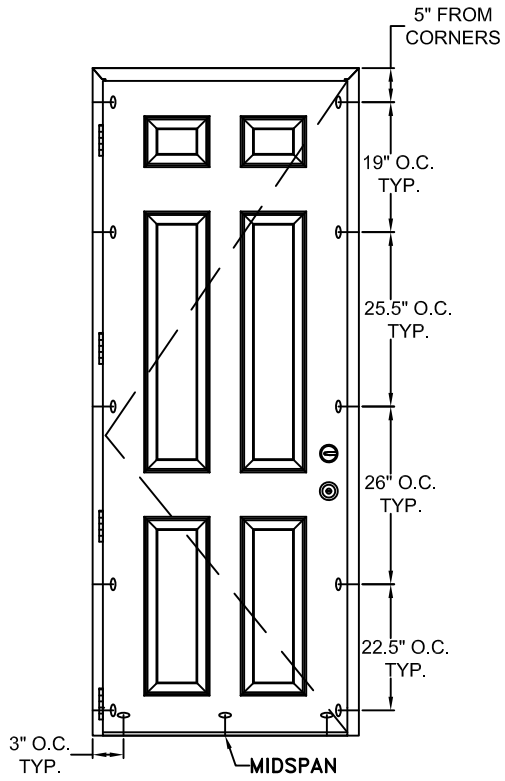
DRAWN BY: M.HAM	DATE: 05/23/2024
CHECKED BY: D.VEZO	SCALE: NTS
APPROVED BY: D.VEZO	
RECORD No.: D1000347	

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

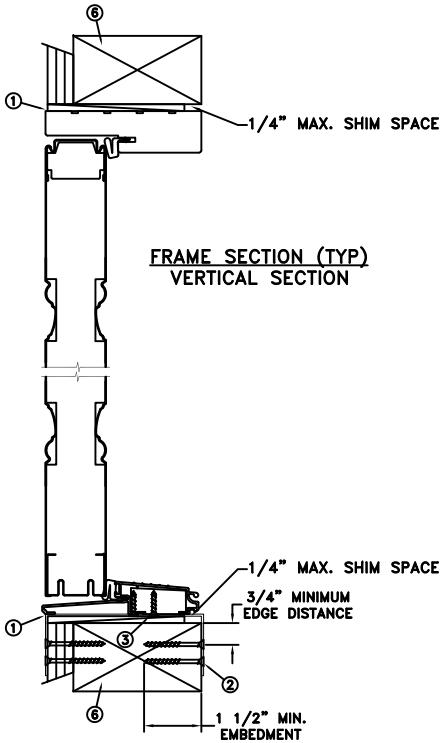
TITLE: Contours Steel Steel Edge Swinging Door Outswing
Wood Frame

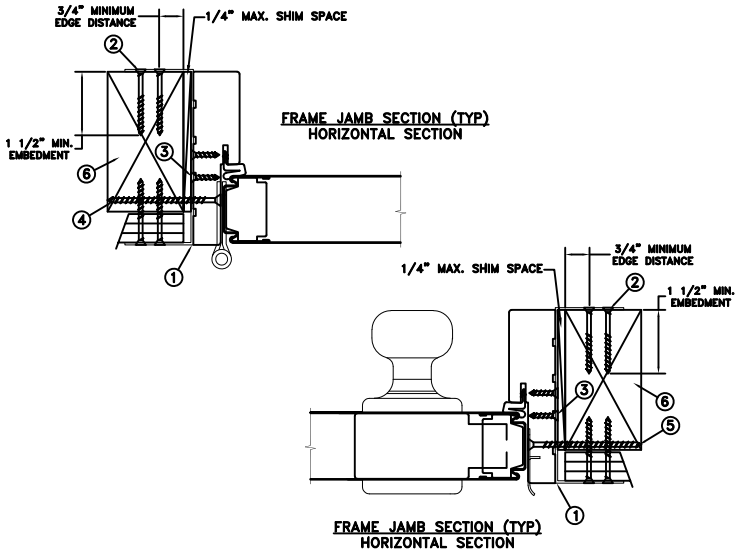
REPORT No.:	CAD DWG. No.:	REV:	SHEET
NCTL-210-3880-1A	–	C	13 of 14

MASONRY STRAP INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





MAXIMUM FRAME	DP	IMPACT
38.9375" x 96"	+55/−55	YES

WINDZONE 4

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone caulk when no fastener is used to anchor the sill (typical).
2. Use (2) #8 PFH or larger fasteners through masonry strap with sufficient length to penetrate a minimum of 1 1/2" into the buck. Bend straps around buck. For 2x wood frame substrate (min. S.G. = 0.42).
3. Use (2) #8 PFH or larger fasteners through masonry strap into jamb without penetrating through the jamb into product causing visability or collateral damage to product.
4. Use (2) #10 screws through each hinge at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
5. Use (2) #10 screws through each latch plate at the side jamb with sufficient length to penetrate a minimum of 1 1/2" into the wood framing.
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.

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.

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

This item has been digitally signed and sealed by Micah Swartz, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

MICAH SWARTZ LICENSE No93573 STATE OF FLORIDA PROFESSIONAL ENGINEER

MICAH SWARTZ, P.E.
PE No. 93573
5134 Cambridge Ct.
Klamath Falls, OR. 97603
(541) 363-8075
06/07/24

DATE:	05/23/2024
DRAWN BY:	M.HAM
SCALE:	NTS
CHECKED BY:	D.VEZO
APPROVED BY:	D.VEZO
RECORD No.:	D1000347
REPORT No.:	NCTL-210-3880-1A
CAD DWG. No.:	–
REV:	C
SHEET	14 of 14

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

TITLE: Contours Steel Edge Outswing Opaque X