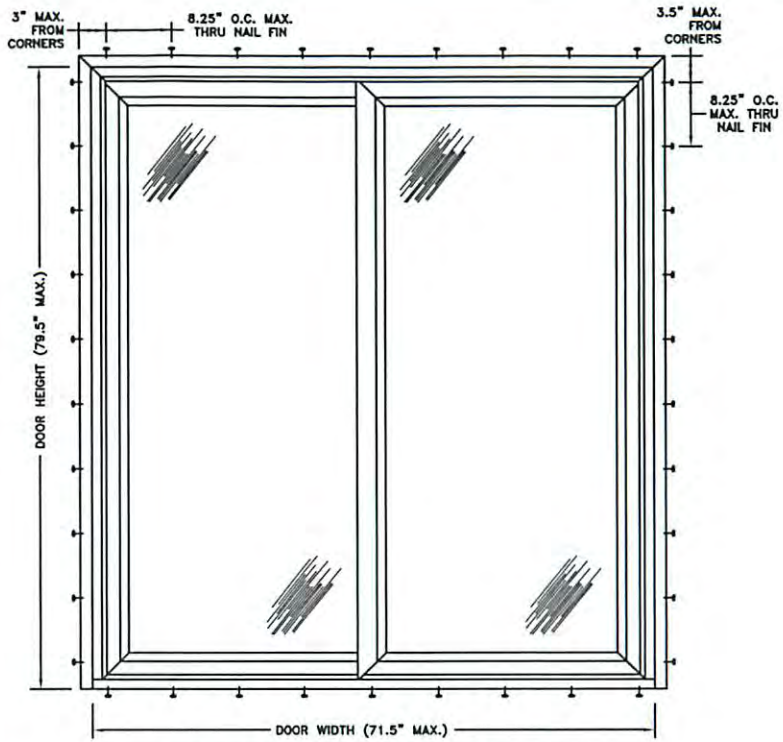
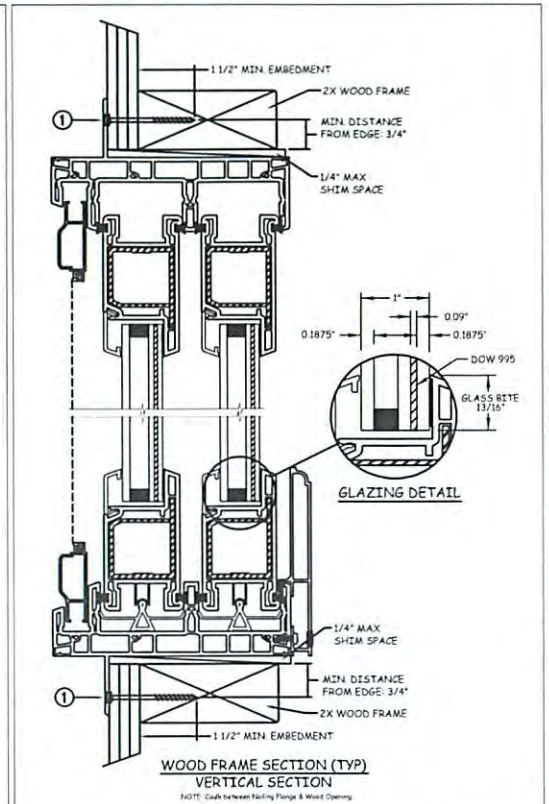
NAIL FIN INSTALLATION

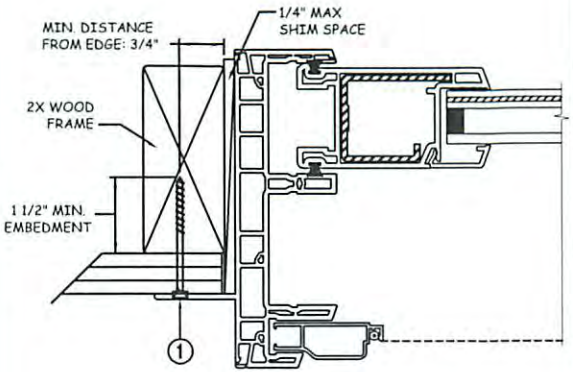


TYPICAL ELEVATION WITH FASTENER SPACING



WOOD FRAME SECTION (TYP)
VERTICAL SECTION

NOTE: Caulk between Nailing Flange & Wood Opening



WOOD FRAME SECTION (TYP)
HORIZONTAL SECTION

NOTE: Caulk between Nailing Flange & Wood Opening

SLIDING PATIO DOOR

Max Frame	DP RATING	IMPACT
71 1/2" x 79 1/2"	+/-65	YES

Wind Zone 4 Missile Level D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use #10 PH or greater fastener through the nail fin 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. 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 Texas Revisions and the industry requirements for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3/16" tempered - airspace - 3/16" annealed - 0.09" PVB or SGP Interlayer by DuPont - 3/16" annealed
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is not required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

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

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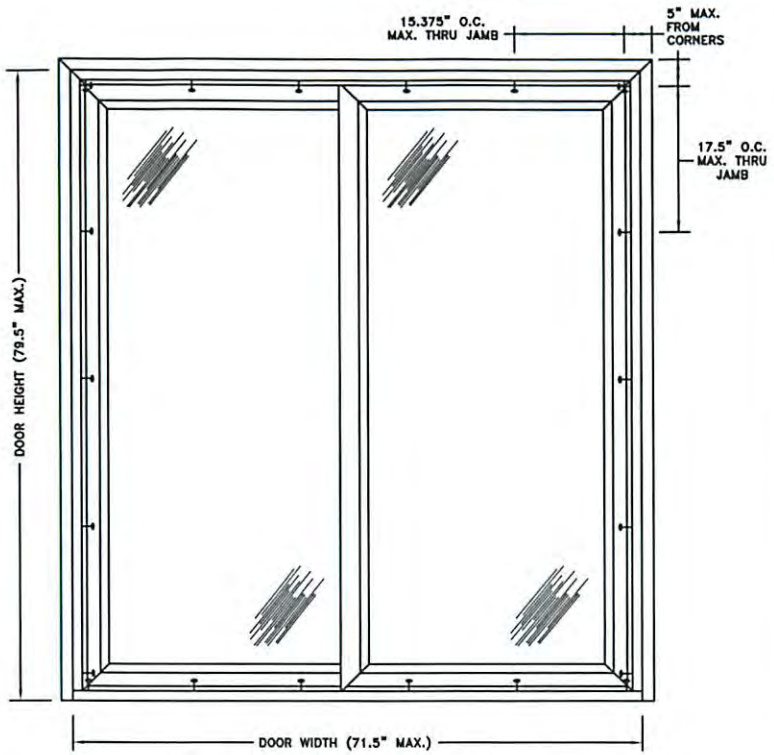
STATE OF TEXAS
ALEXIS SPYROU
102957
LICENSED PROFESSIONAL ENGINEER

3-26-13

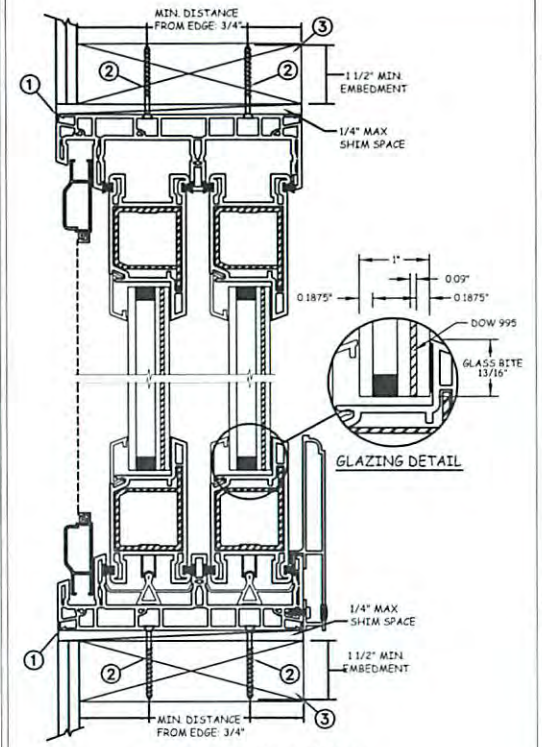
Alexis Spyrou, P.E.
Texas P.E. No. 102957
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

PROJECT ENGINEER: --	DATE: 02/05/13	JELD-WEN	3250 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451
DRAWN BY: D. Vezo	SCALE: NTS		
CHECKED BY: J. Kantola	TITLE: Premium Atlantic Vinyl Sliding Patio Door Nail Fin Installation (71 1/2" x 79 1/2")		
APPROVED BY: --			
PART/PROJECT No.: D008012			
IDENTIFIER No. NCTL210-3851-1	PLANT NAME AND LOCATION: A-TDI Venice, FL	CAD DWG. No.:	REV: 00 / SHEET 1 OF 4

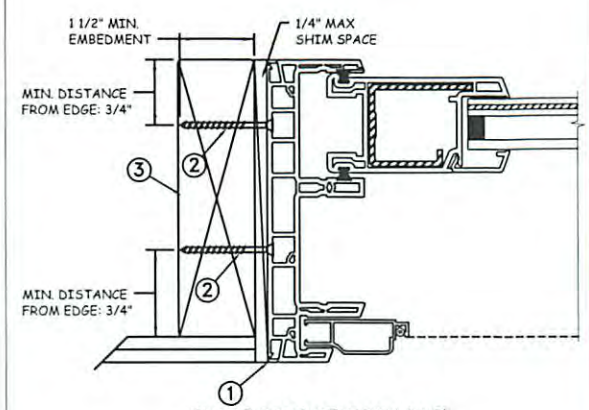
THROUGH FRAME INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



WOOD FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

SLIDING PATIO DOOR

Max Frame	DP RATING	IMPACT
71 1/2" x 79 1/2"	+/-65	YES

Wind Zone 4 Missile Level D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use (2)-#10 PH or greater fastener through the frame per location 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. 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 Texas Revisions and the industry requirements for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3/16" tempered - airspace - 3/16" annealed - 0.09" PVB or SGP Interlayer by DuPont - 3/16" annealed.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is not required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

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

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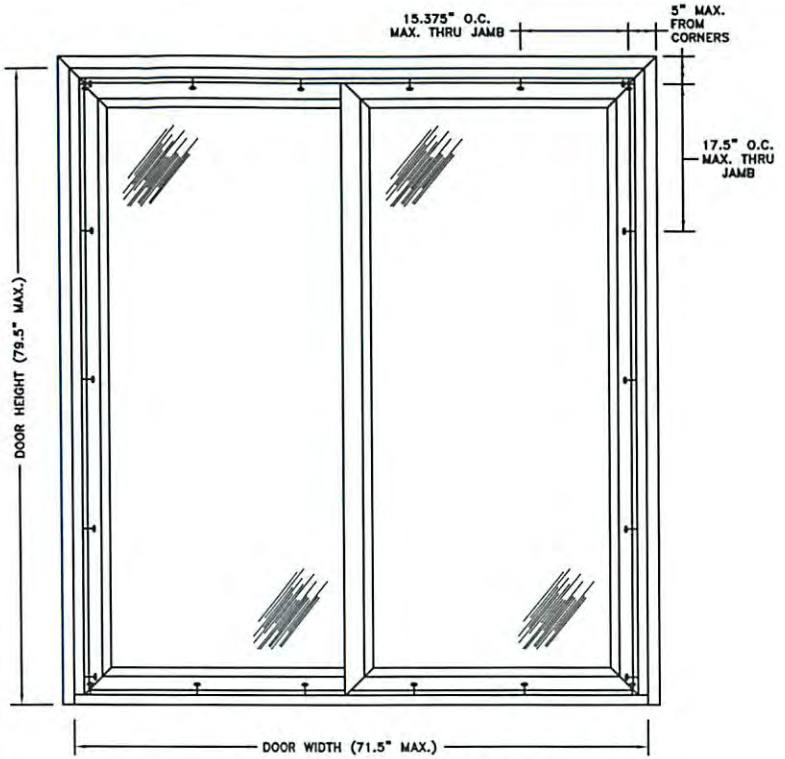
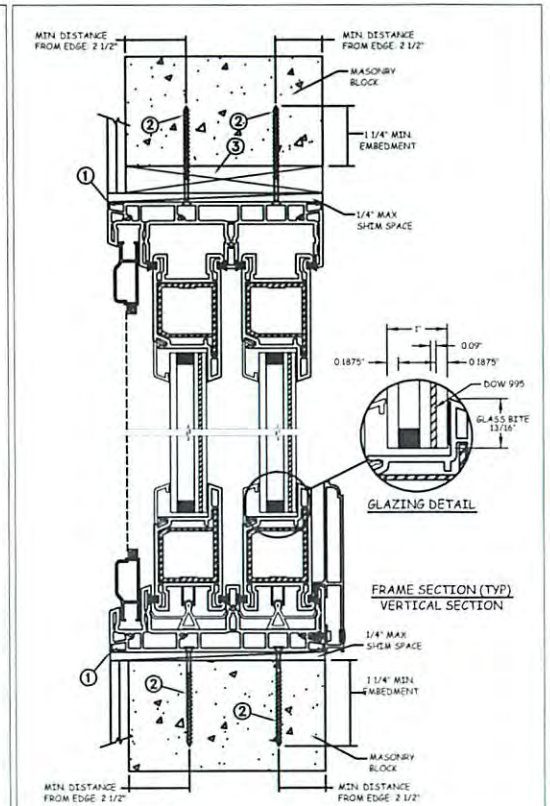
Dania Beach, FL 33004

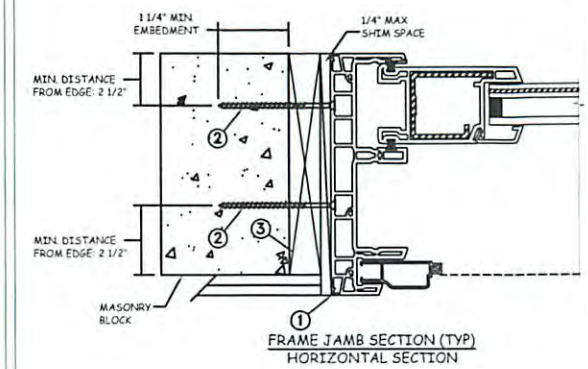
PROJECT ENGINEER: --	DATE: 02/05/13	JELD-WEN	3250 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451
DRAWN BY: D. Vezo	SCALE: NTS		
CHECKED BY: J. Kantola	TITLE: Premium Atlantic Vinyl Sliding Patio Door Through Frame Installation (71 1/2" x 79 1/2")		
APPROVED BY: --			
PART/PROJECT No.: D008012			
IDENTIFIER No. NCTL210-3851-1	PLANT NAME AND LOCATION: A-TDI Venice, FL	CAD DWG. No.:	REV: 00 / SHEET 2 OF 4

MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

SLIDING PATIO DOOR

Max Frame	DP RATING	IMPACT
71 1/2" x 79 1/2"	+/-65	YES

Wind Zone 4 Missile Level D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use (2)-3/16" Tapcon or equivalent fasteners through frame per location with sufficient length to penetrate a minimum of 1 1/4" into concrete or masonry ar each location with a 2 1/2" min. distance from the edge. For concrete (min. f'c = 3000 psi) or masonry substrate (CMU shall conform to ASTM C90).
3. 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 window to achieve the rated design pressure up to the size limitations noted. It is not intended as a guide to the installation process and does not address he sealing consideration that may arise in different wall conditions. For the complete installation procedure, see the instructions packaged with the window or go to www.jeld-wen.com/resources/installation.

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General Notes:

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3/16" tempered - airspace - 3/16" annealed - 0.09" PVB or SGP Interlayer by DuPont - 3/16" annealed.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is not required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

STATE OF TEXAS
ALEXIS SPYROU
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LICENSED
PROFESSIONAL ENGINEER

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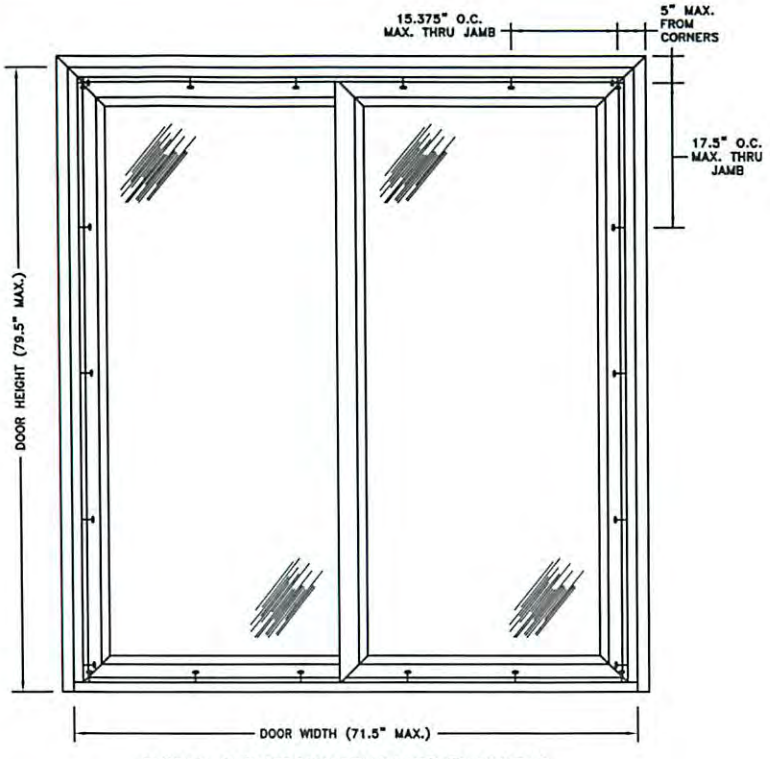
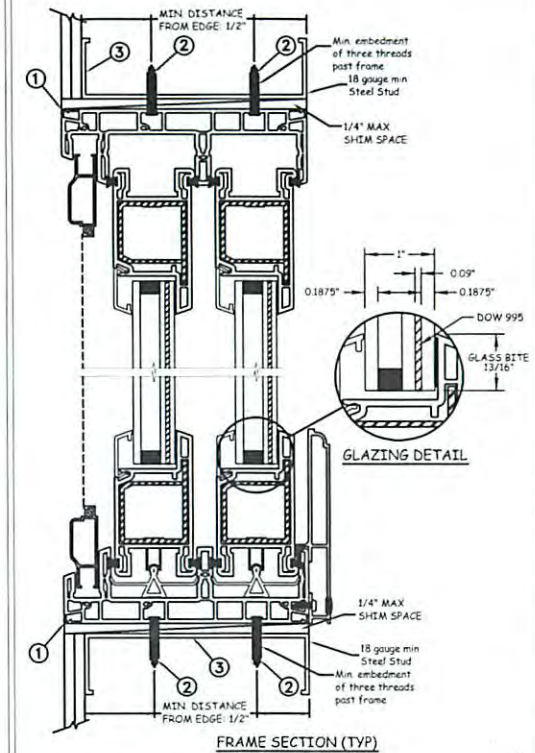
PROJECT ENGINEER: --	DATE: 02/05/13	JELD-WEN	3250 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451
DRAWN BY: D. Vezo	SCALE: NTS		
CHECKED BY: J. Kantola	TITLE: Premium Atlantic Vinyl Sliding Patio Door Masonry Installation (71 1/2" x 79 1/2")		
APPROVED BY: --			
PART/PROJECT No.: D008012			
IDENTIFIER No.: NCTL210-3851-1	PLANT NAME AND LOCATION: A-TDI Venice, FL	CAD DWG. No.:	REV: 00 / SHEET 3 OF 4

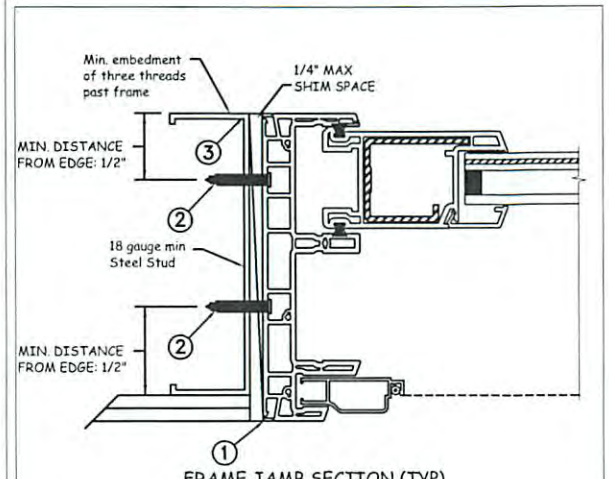
STEEL INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

SLIDING PATIO DOOR

Max Frame	DP RATING	IMPACT
71 1/2" x 79 1/2"	+/-65	YES

Wind Zone 4 Missile Level D

Installation Notes:

1. Seal flange/frame to substrate.
2. For anchoring into metal framing, use (2)-#10 TEK Self Tapping screws per location with sufficient length to achieve a minimum embedment of three threads past the frame thickness. Locate anchors as shown in elevations and installation details. Steel substrate min. 18 ga (fy = 33 ksi).
3. 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 window to achieve the rated design pressure up to the size limitations noted. It is not intended as a guide to the installation process and does not address he sealing consideration that may arise in different wall conditions. For the complete installation procedure, see the instructions packaged with the window or go to www.jeld-wen.com/resources/installation.

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3/16" tempered - airspace - 3/16" annealed - 0.09" PVB or SGP Interlayer by DuPont - 3/16" annealed.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is not required where wind borne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

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3-26-13

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Dania Beach, FL 33004

PROJECT ENGINEER: --	DATE: 02/05/13	JELD-WEN	3250 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451
DRAWN BY: D. Vezo	SCALE: NTS		
CHECKED BY: J. Kantola	TITLE: Premium Atlantic Vinyl Sliding Patio Door Steel Installation (71 1/2" x 79 1/2")		
APPROVED BY: --			
PART/PROJECT No.: D008012			
IDENTIFIER No.: NCTL210-3851-1	PLANT NAME AND LOCATION: A-TDI Venice, FL	CAD DWG. No.:	REV: 00 / SHEET 4 OF 4