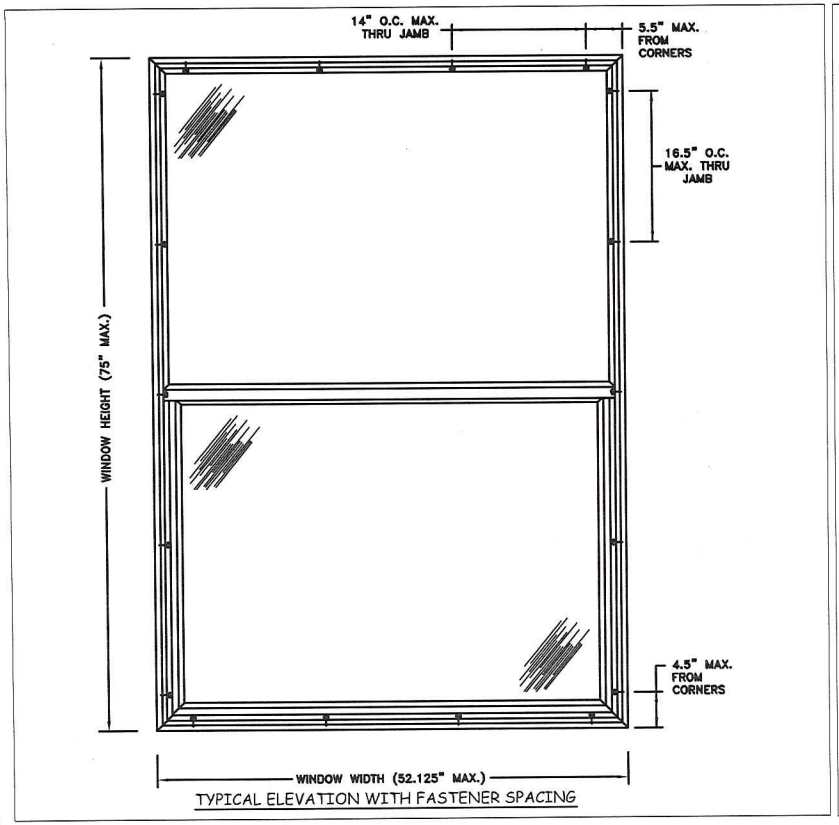
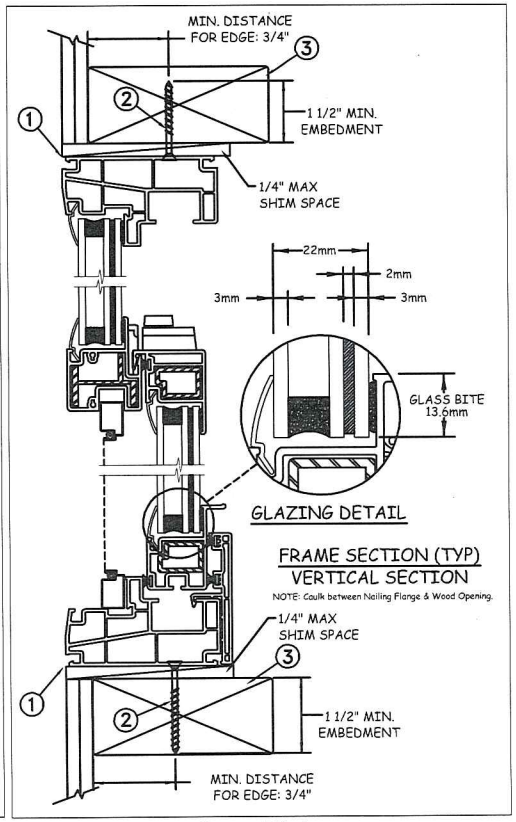
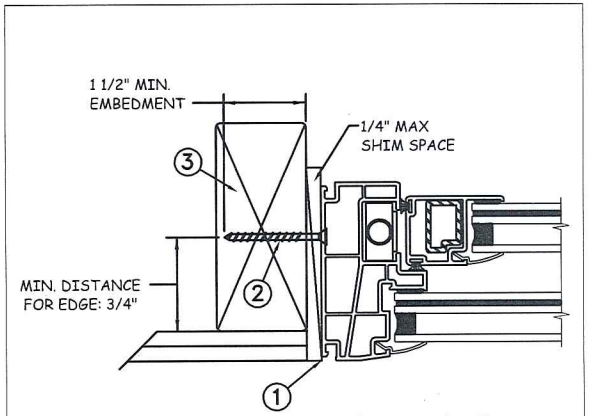
THROUGH FRAME INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





JAMB SECTION (TYP)
HORIZONTAL SECTION

PREMIUM ATLANTIC VINYL SH WINDOW

Max Frame	DP RATING	IMPACT
52.125 x 75	+50/-60	YES

WIND ZONE 4 MISSILE LEVEL D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use #10 PH or greater fastener though 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.

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

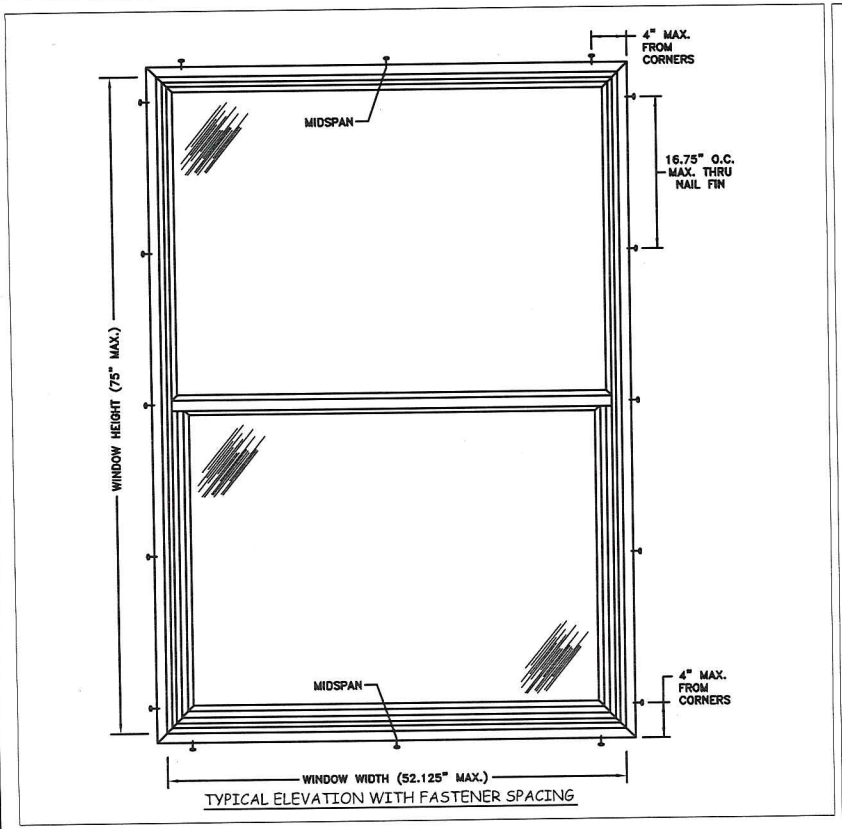
'AS TESTED'

General Notes:

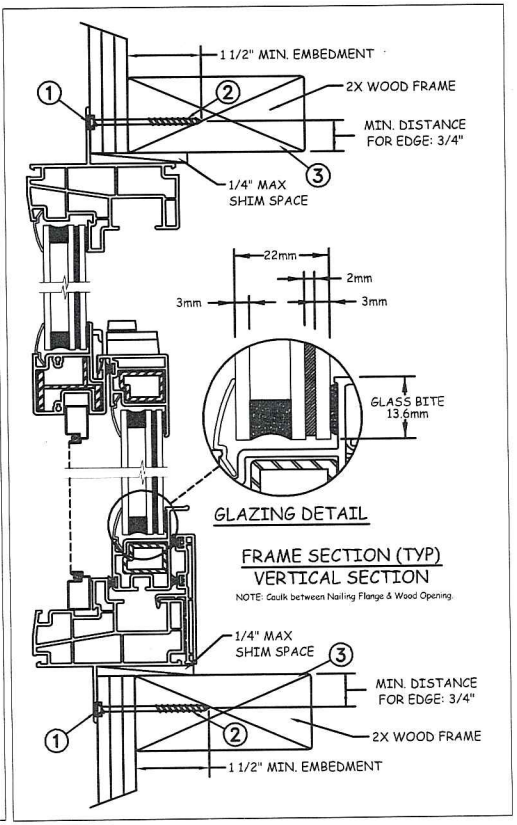
1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code(IBC), the International Residential Code(IRC), the Texas Revisions and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3mm annealed - 11mm airspace - 3mm annealed - 2mm PVB Interlayer by DuPont - 3mm 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 required where wind bourne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

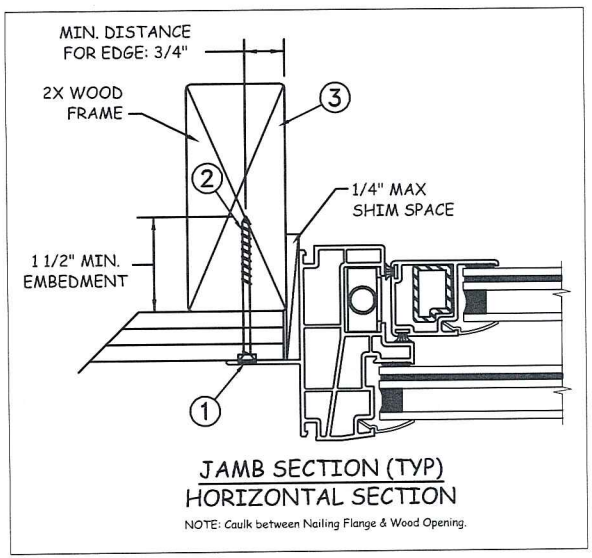
PROJECT ENGINEER: --	DATE: 07/16/2013	JELD-WEN	3250 Lakeport Blvd Klamath Falls, OR. 97601 Phone: (541) 882-3451
DRAWN BY: D. Vezo	SCALE: NTS		
CHECKED BY: J. Kantola	TITLE: Premium Atlantic Vinyl Impact Single Hung Window Through Frame Installation (52 1/8" x 75")		
APPROVED BY: --			
PART/PROJECT No.: D008729			
IDENTIFIER No. NCTL210-3874-1-TDI	PLANT NAME AND LOCATION:	CAD DWG. No.:	REV: 00 / SHEET 1 OF 1

NAIL FIN INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





JAMB SECTION (TYP)
HORIZONTAL SECTION
NOTE: Caulk between Nailing Flange & Wood Opening.

PREMIUM ATLANTIC VINYL SH WINDOW

Max Frame	DP RATING	IMPACT
52.125 x 75	+50/-60	YES

WIND ZONE 4 MISSILE LEVEL D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use #10 PH or greater fastener though 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 requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3mm annealed - 11mm airspace - 3mm annealed - 2mm PVB Interlayer by DuPont - 3mm 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 required where wind bourne 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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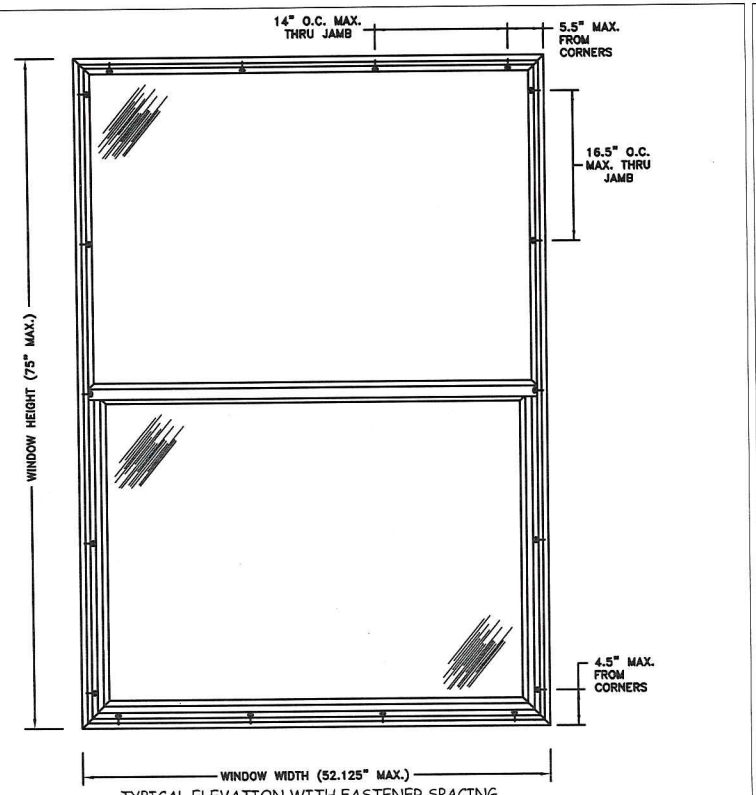
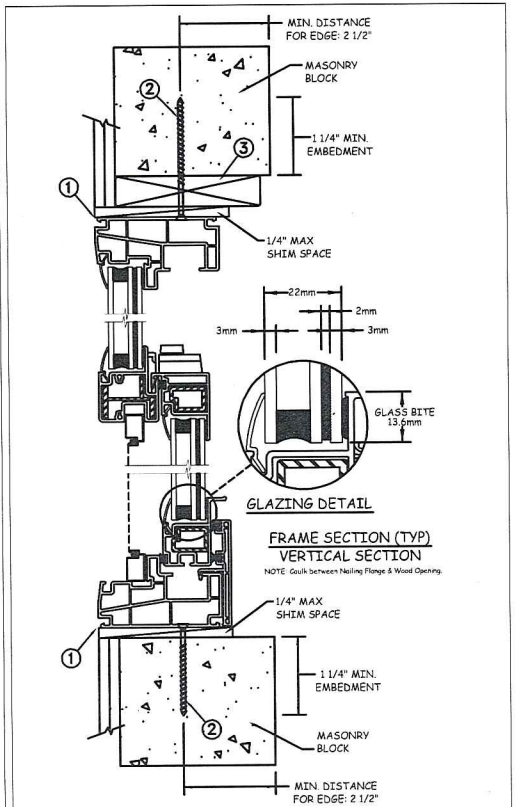
ALEXIS SPYROU, P.E.
Texas P.E. No. 102957
398 East Dania Beach Blvd., Suite 338
Dania Beach, FL 33004

PROJECT ENGINEER: --	DATE: 07/16/2013	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 Impact Single Hung Window Nail Fin Installation (52 1/8" x 75")		
APPROVED BY: --			
PART/PROJECT No.: D008729			
IDENTIFIER No. NCTL210-3874-1	PLANT NAME AND LOCATION: -TDI	CAD DWG. No.:	REV: 00 / SHEET 1 OF 3

MASONRY INSTALLATION



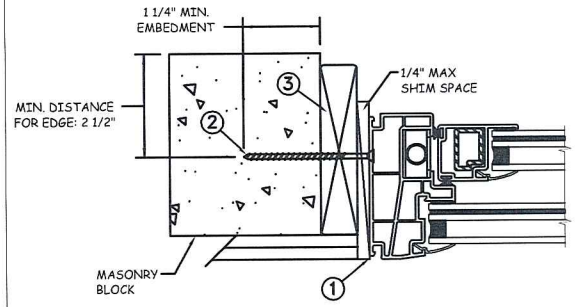
TYPICAL ELEVATION WITH FASTENER SPACING



GLAZING DETAIL

FRAME SECTION (TYP)
VERTICAL SECTION

NOTE: Caulk between Nailing Flange & Wood Opening.



JAMB SECTION (TYP)
HORIZONTAL SECTION

PREMIUM ATLANTIC VINYL SH WINDOW

Max Frame	DP RATING	IMPACT
52.125 x 75	+50/-60	YES

WIND ZONE 4 MISSILE LEVEL D

Installation Notes:

1. Seal flange/frame to substrate.
2. Use 3/16" Tapcon or equivalent fasteners through frame with sufficient length to penetrate a minimum of 1 1/4" into concrete or masonry at each location with a 2 1/2" min from edge distance. For concrete (min. f'c = 3000psi) or masonry substrate (CMU shall adhere 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.

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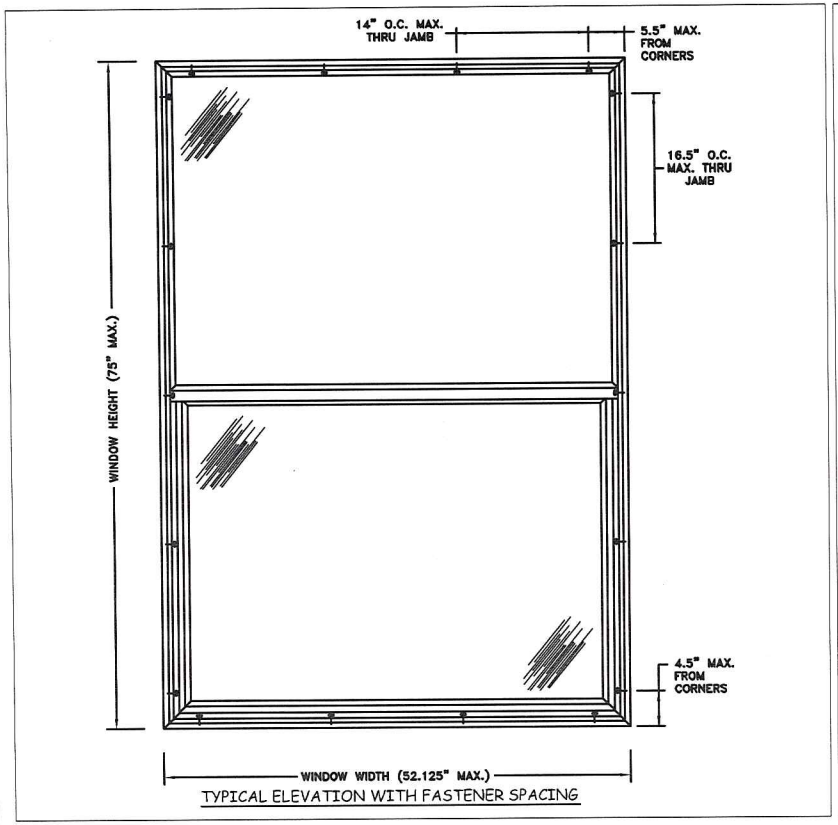
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3mm annealed - 11mm airspace - 3mm annealed - 2mm PVB Interlayer by DuPont - 3mm annealed.
4. Use structural or composite shims where required.
5. Installation methods can be interchanged within the same opening.
6. An impact protective system is required where wind bourne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

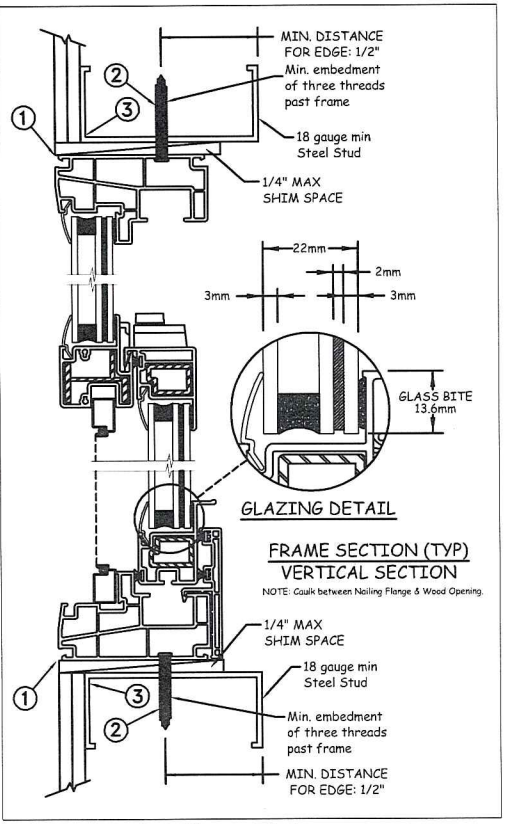
ALEXIS SPYROU, P.E.
Texas P.E. No. 102957
398 East Dania Beach Blvd., Suite 338
Dania Beach, FL 33004

PROJECT ENGINEER: --	DATE: 07/16/2013	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 Impact Single Hung Window Masonry Installation (52 1/8" x 75")		
APPROVED BY: --			
PART/PROJECT No.: D008729			
IDENTIFIER No. NCTL210-3874-1	PLANT NAME AND LOCATION: -TDI	CAD DWG. No.:	REV: 00 / SHEET 2 OF 3

STEEL INSTALLATION



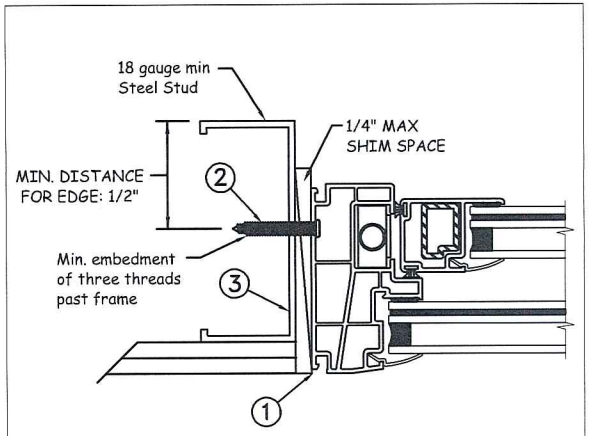
TYPICAL ELEVATION WITH FASTENER SPACING



GLAZING DETAIL

FRAME SECTION (TYP)
VERTICAL SECTION

NOTE: Caulk between Nailing Flange & Wood Opening.



JAMB SECTION (TYP)
HORIZONTAL SECTION

PREMIUM ATLANTIC VINYL SH WINDOW		
Max Frame	DP RATING	IMPACT
52.125 x 75	+50/-60	YES

WIND ZONE 4 MISSILE LEVEL D

Installation Notes:

1. Seal flange/frame to substrate.
2. For anchoring into metal framing use #8 TEK Self Tapping screws with sufficient length to achieve a minimum embedment of three threads past the frame thickness. Steel substrate min. 18ga., 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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STATE OF TEXAS
ALEXIS SPYROU
102957
LICENSED PROFESSIONAL ENGINEER

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

General Notes:

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2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 3mm annealed - 11mm airspace - 3mm annealed - 2mm PVB Interlayer by DuPont - 3mm 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 required where wind bourne debris protection is mandated by local building code.
7. Maximum sizes are buck sizes and do not include fin or flange.

PROJECT ENGINEER: --	DATE: 07/16/2013	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 Impact Single Hung Window Steel Installation (52 1/8" x 75")		
APPROVED BY: --			
PART/PROJECT No.: D008729			
IDENTIFIER No.: NCTL210-3874-1-TDI	PLANT NAME AND LOCATION:	CAD DWG. No.:	REV: 00 / SHEET 3 OF 3