

# Florida Department of Business & Professional Regulation



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FL #  
Application Type

Code Version

Application Status

Comments  
Archived



Product Manufacturer  
Address/Phone/Email

Andersen Corporation  
100 Fourth Avenue North  
Bayport, MN 55003  
(651) 264-5308  
alan.barstad@andersencorp.com

Authorized Signature

Alan Barstad  
alan.barstad@andersencorp.com

Technical Representative  
Address/Phone/Email

Quality Assurance Representative  
Address/Phone/Email

Alan Barstad  
100 Fourth Avenue North  
Bayport, MN 55003  
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abarstad@andersencorp.com

Category  
Subcategory

Windows  
Fixed

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida  
Professional Engineer  
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed  
the Evaluation Report

Florida License

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Hermes F. Norero, P.E.

PE-73778

Window and Door Manufacturers Association-QA

12/01/2030

Zachary R. Priest, P.E.

 Validation Checklist - Hardcopy Received

Certificate of Independence

[FL19562\\_R9\\_COI\\_COI\\_Andersen\\_SS\\_2021-10-18.pdf](#)

Referenced Standard and Year (of Standard)

**Standard**

AAMA/VDMA/CSA 101/I.S.2/A440

AAMA/VDMA/CSA 101/I.S.2/A440

**Year**

2011

2017

## Equivalence of Product Standards Certified By

## Sections from the Code

Date Submitted	12/14/2023
Date Validated	12/27/2023
Date Pending FBC Approval	01/02/2024
Date Approved	02/13/2024

FL #	Model, Number or Name	Description
19562.1	Renewal by Andersen Casement Window - Fixed (HVHZ) (Impact)	<p>Renewal by Andersen Casement Window - Fixed (HVHZ)</p> <p>(Impact)</p> <p><b>Limits of Use</b></p> <p><b>Approved for use in HVHZ:</b> Yes</p> <p><b>Approved for use outside HVHZ:</b> Yes</p> <p><b>Impact Resistance:</b> Yes</p> <p><b>Design Pressure:</b> +60/-70</p> <p><b>Other:</b> See Installation Details and Evaluation Report for allowable sizes, configurations, installation requirements and limits of use.</p>

Limits of Use	Renewal by Andersen Casement Window - Fixed (Non-HVHZ) Impact)	Renewal by Andersen Casement Window - Fixed (Non-HVHZ)
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Approved for use outside <b>INVIZ.</b> : Yes
<b>Impact Resistant:</b> No
<b>Design Pressure:</b> N/A
<b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.
<b>Evaluation Reports</b> <a href="#"><u>EL19562_R9_AE_PER6698_SS_2020-10-11.pdf</u></a> Created by Independent Third Party: Yes

<p><b>Limits of Use</b></p> <p><b>Approved for use in HVHZ:</b> Yes</p> <p><b>Approved for use outside HVHZ:</b> Yes</p> <p><b>Impact Resistant:</b> Yes</p> <p><b>Design Pressure:</b> N/A</p> <p><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.</p>	<p>Renewal by Andersen Fixed Window - (HVHZ)(Impact)</p>	<p>Renewal by Andersen Fixed Window - (HVHZ)(Impact)</p>
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19562.4	Renewal by Andersen Fixed Window - Full Frame (Non-HVHZ)(Non- Impact)	Renewal by Andersen Fixed Window - Full Frame (Non-HVHZ) (Non-Impact)
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<p><b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.</p>		<p>Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL19562_R9_AE_PER6696_SS_2020-10-11.pdf</a></p>
19562.5	<p>Renewal by Andersen Fixed Window - Insert Frame (Non-HVHZ)(Non-Impact)</p> <p><b>Limits of Use</b></p> <p><b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.</p>	<p>Renewal by Andersen Fixed Window - Insert Frame (Non-HVHZ)(Non-Impact)</p> <p><b>Installation Instructions</b>  <a href="#">FL19562_R9_II_AWD091_SS_2020-10-11.pdf</a>          Verified By: Hermes F. Norero, P.E. FL PE No. 73778          Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL19562_R9_AE_PER6699_SS_2020-10-11.pdf</a>          Created by Independent Third Party: Yes</p>
19562.6	<p>Renewal by Andersen Fixed Window - Universal Frame (Non-HVHZ)(Non-Impact)</p> <p><b>Limits of Use</b></p> <p><b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.</p>	<p>Renewal by Andersen Fixed Window - Universal Frame (Non-HVHZ)(Non-Impact)</p> <p><b>Installation Instructions</b>  <a href="#">FL19562_R9_II_AWD244_SS_2023-11-28.pdf</a>          Verified By: Hermes F. Norero, P.E. FL PE No. 73778          Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  <a href="#">FL19562_R9_AE_PER8980_SS_2023-11-28.pdf</a>          Created by Independent Third Party: Yes</p>

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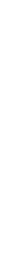
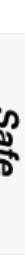
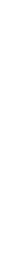
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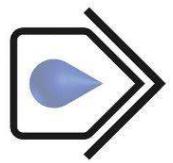
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**Product Approval Accepts:**



Credit Card  
**Safe**

securityMETRICS®



b. **HxHmx5#16**

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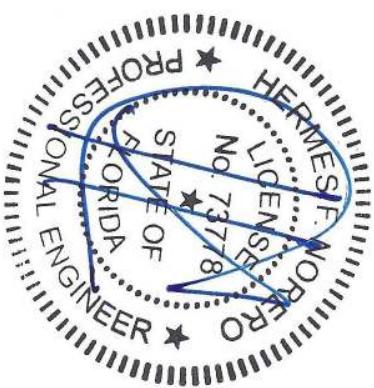
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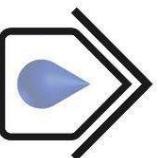
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Digitally signed by Hermes F Norero  
Reason: I am approving this document  
Date: 2020.10.11 18:23:45 +0200'

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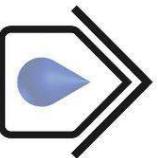
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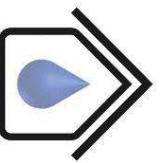
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## INSTALLATION NOTES:

1. INSTALLATION CLIPS: ONE (1) INSTALLATION ANCHOR CLIP IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, EACH CLIP IS TO USE TWO (2) INSTALLATION ANCHORS.
2. THROUGH FRAME AND NAIL FIN: ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/2$  INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. INSTALLATION CLIP: FOR INSTALLATION THROUGH 1X BUCK USE TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE TWO (2)  $3/16$  INCH HVHZ ITW TAPCOV PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1  $1/2$  INCH MINIMUM EMBEDMENT AND SHALL MAINTAIN MINIMUM 2 EDGE DISTANCE.
5. INSTALLATION CLIP: FOR INSTALLATION INTO 2X BUCK USE TWO (2) #8 PAN HEAD WOOD SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1  $1/2$  INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
6. INSTALLATION CLIP: FOR INSTALLATION THROUGH METAL STUD USE TWO (2) #8 HVHZ GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREWS PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
7. THROUGH FRAME: FOR INSTALLATION INTO 2X BUCK USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1  $1/2$  INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
8. THROUGH FRAME: FOR INSTALLATION INTO METAL SUBSTRATES USE #10 HVHZ GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
9. THROUGH FRAME: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE ONE (1)  $3/16$  INCH ITW TAPCOV OF SUFFICIENT LENGTH TO ACHIEVE 1  $1/4$  INCH MINIMUM EMBEDMENT AND SHALL MAINTAIN MINIMUM 2" EDGE DISTANCE.
10. NAIL FIN: FOR INSTALLATION INTO 2X BUCK USE #8 PAN HEAD WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1  $1/2$  INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
11. NAIL FIN: FOR INSTALLATION INTO METAL SUBSTRATES USE #8 HVHZ GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE AND SHALL MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
12. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
13. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
14. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
15. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
16. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
  - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
  - C. GROUT-FILLED CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI, AND GROUT CONFORMS TO ASTM C-476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
  - D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
  - E. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 48 MILS (18 GAUGE).
  - F. ALUMINUM - MINIMUM WALL THICKNESS OF 1/8", 6063-T5 ALLOY OR BETTER.

# ANDERSEN CORPORATION, INC

## RENEWAL BY ANDERSEN FIXED WINDOWS - FULL FRAME (NON-HVHZ)(NON-IMPACT)



100 FOURTH AVE NORTH  
BAYPORT, MN 55003-1096  
PH: (651) 264-5150 FX: (651) 264-5485

BUILDING DROPS, INC.  
398 E. DANA BEACH BLDG. 1, STE. 338  
DANA BEACH, FL 34123  
TEL: (800) 334-3232  
FAX: (877) 334-7238  
WEB: www.builddrops.com

TITLE: RENEWAL BY ANDERSEN FIXED  
WINDOWS - FULL FRAME  
(NON-HVHZ)(NON-IMPACT)  
GENERAL & INSTALLATION NOTES  
PREPARED BY: BUILDING DROPS, INC.  
398 E. DANA BEACH BLDG. 1, STE. 338  
DANA BEACH, FL 34123  
TEL: (800) 334-3232  
FAX: (877) 334-7238  
WEB: www.builddrops.com

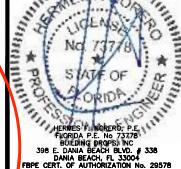
REMARKS BY DATE  
REV. FOR PG50 UNITS MS 2.15.16  
FBC UPDATE SM 2.17.18  
7TH FBC CODE CHANGE SR 3.24.20

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC  
AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC  
SITE. IF SITE CONDITIONS CALL FOR ALTERNATES TO DEVIATE  
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED  
ENGINEER OR ARCHITECT SHALL PREPARE SITE-SPECIFIC  
DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digital signature by Hernan F. Norero

Reason: I am approving this document

Date: 2020.10.11 18:30:26 +02'00'



F L #:

FL19562

DATE: 12.17.15

DWG. BY: SM CHK. BY: MSS

SCALE: NTS

DWG. #: AWD092

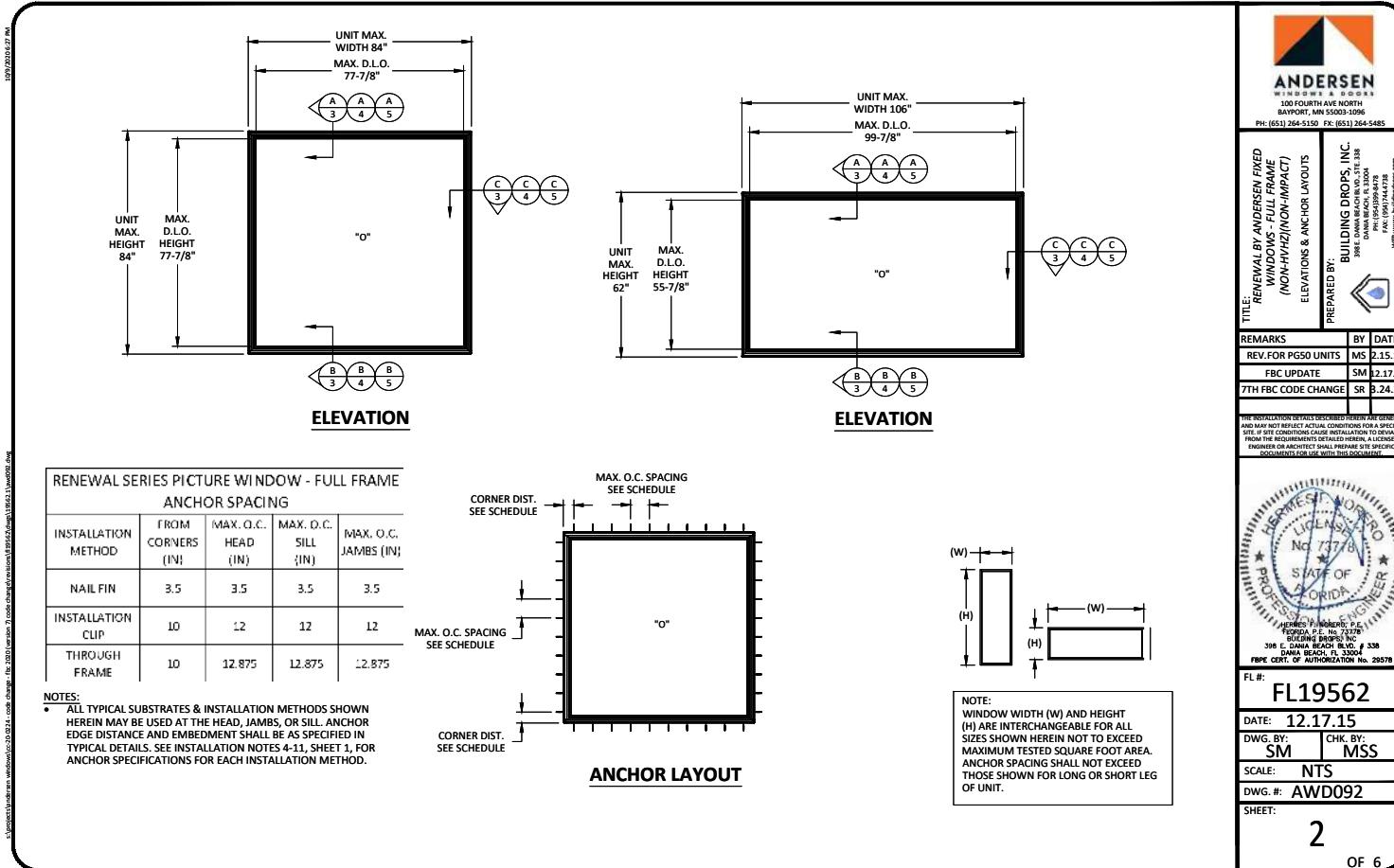
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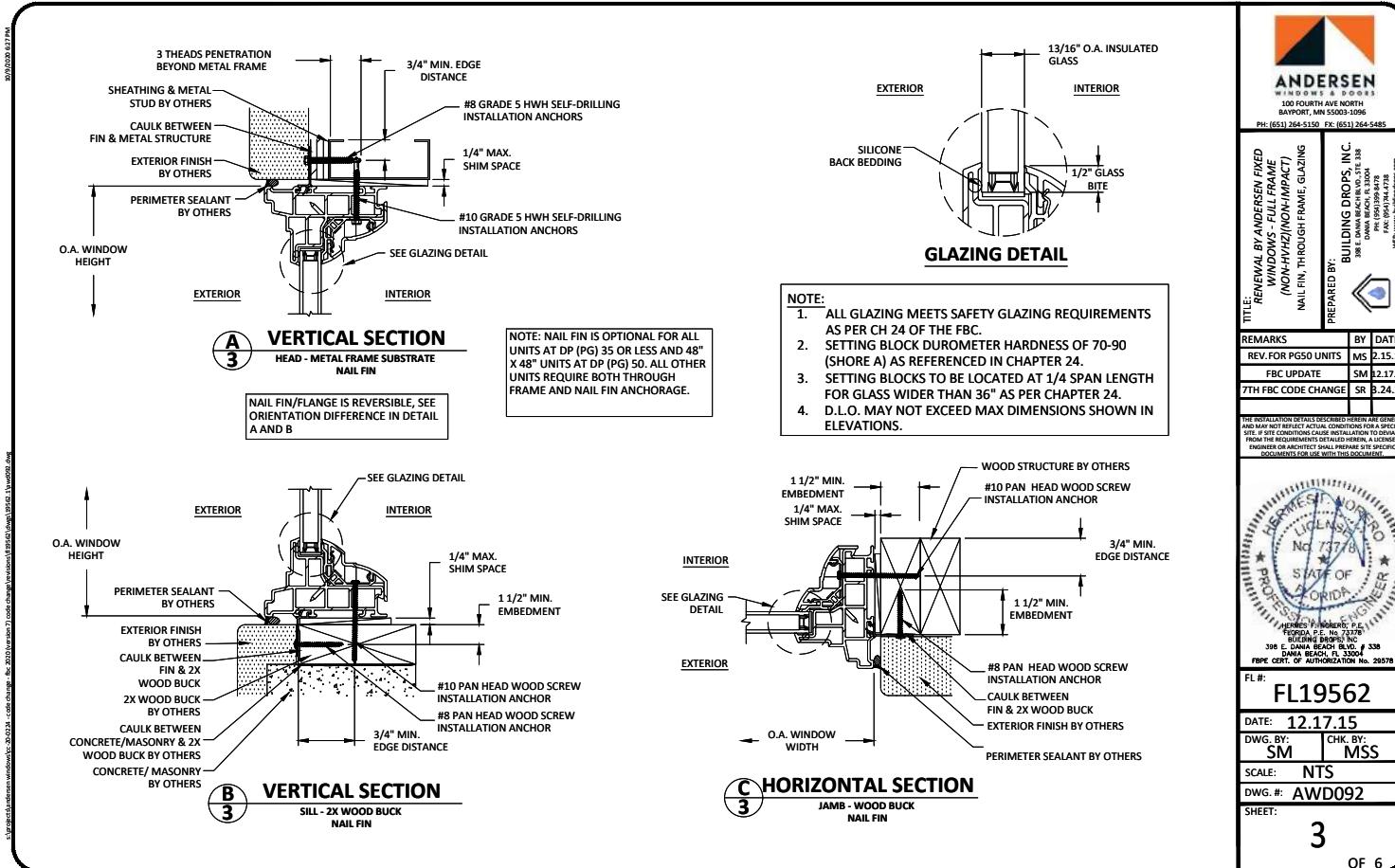
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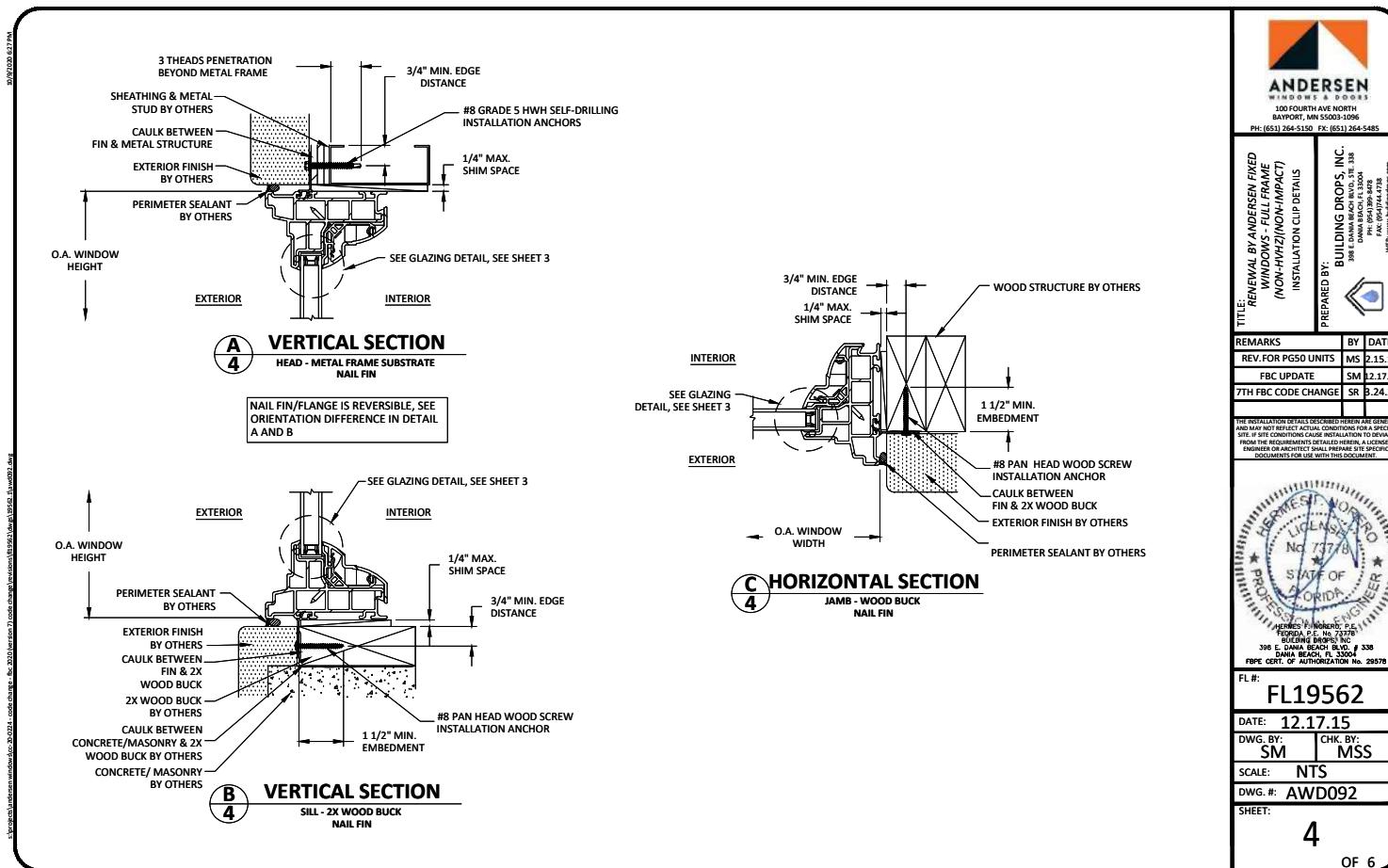
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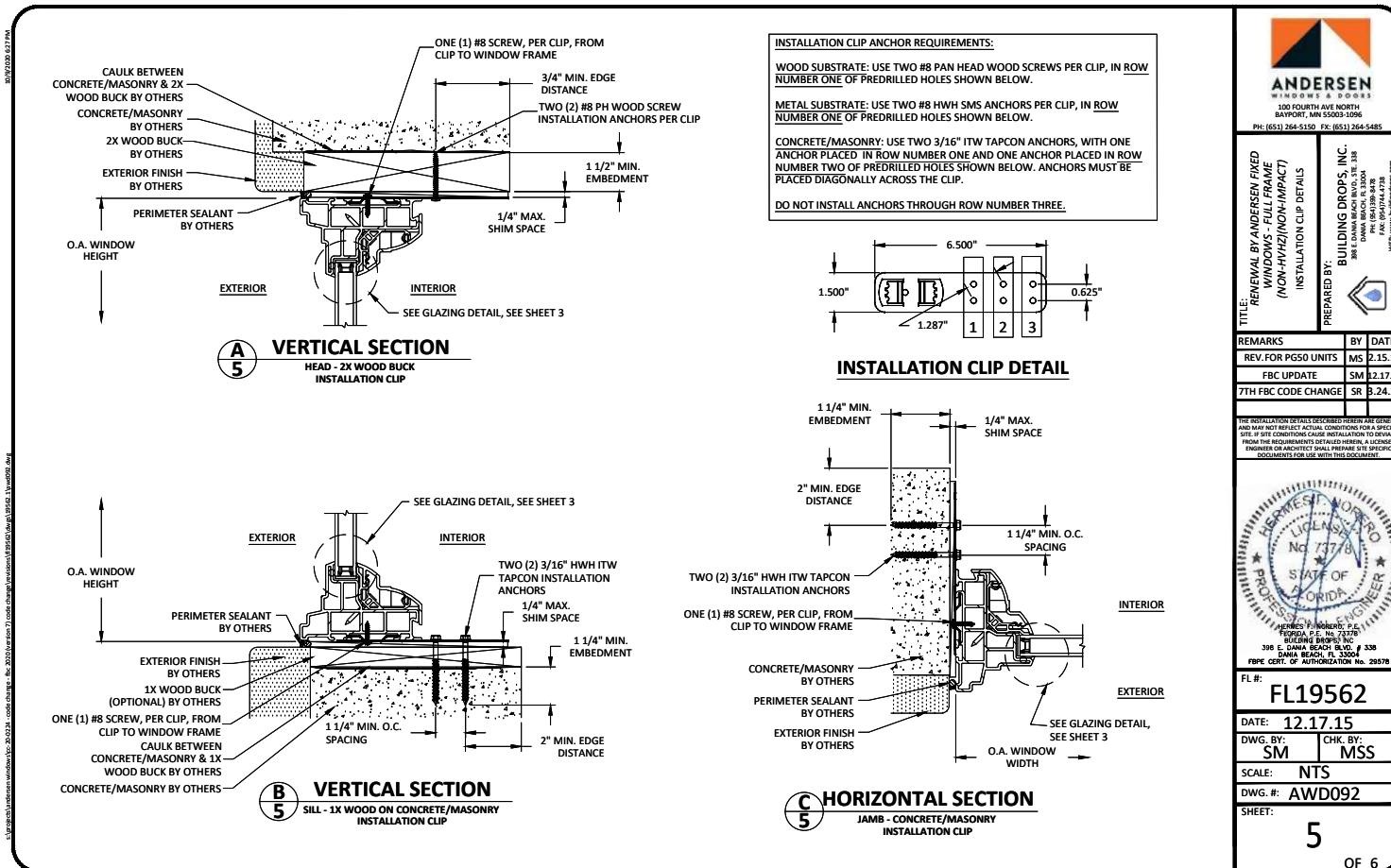
TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUTS
3	THROUGH FRAME & NAIL FIN INSTALLATION DETAILS & GLAZING DETAIL
4	NAIL FIN INSTALLATION DETAILS
5	CLIP INSTALLATION DETAILS
6	QUALIFIED SHAPES

DESIGN PRESSURE RATING			
SIZE	DESIGN PRESSURE (DP/PG)	INSTALLATION OPTIONS	INSTALLATION SUBSTRATES
48x48	+/- 50 PSF	Through Frame & Optional Nail Fin	Wood, Concrete/Masonry, Metal Stud
		Installation Clip	Wood, Concrete/Masonry, Metal Stud
84x84	+/- 35 PSF	Through Frame & Optional Nail Fin	Wood, Concrete/Masonry, Metal Stud
		Installation Clip	Wood, Concrete/Masonry, Metal Stud
84x84	+/- 50 PSF	Nail Fin Only	Wood or Metal Stud Only
		Through Frame & Nail Fin Required	Wood or Metal Stud Only
106x62	+/- 35 PSF	Installation Clip	Wood, Concrete/Masonry, Metal Stud
		Through Frame & Optional Nail Fin	Wood, Concrete/Masonry, Metal Stud
106x62	+/- 50 PSF	Installation Clip	Wood, Concrete/Masonry, Metal Stud
		Nail Fin Only	Wood or Metal Stud Only
106x62	+/- 50 PSF	Through Frame & Nail Fin Required	Wood or Metal Stud Only
		Installation Clip	Wood, Concrete/Masonry, Metal Stud

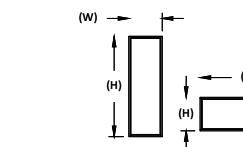
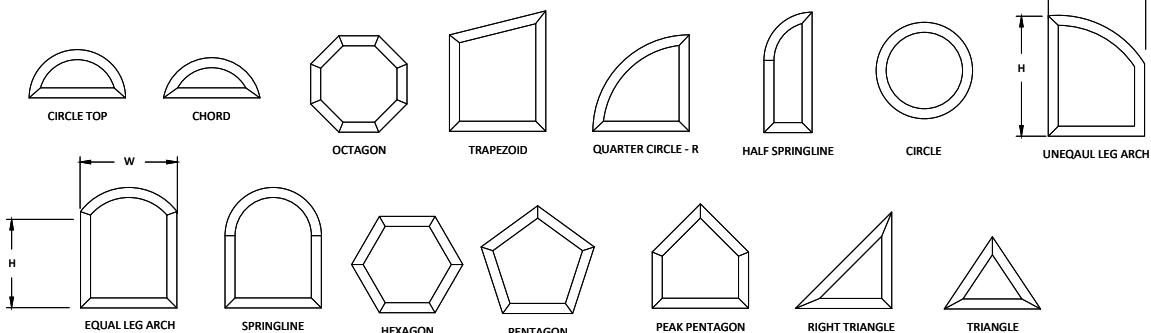




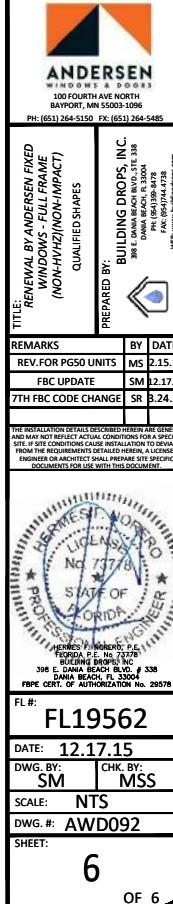




## QUALIFIED SHAPES



**NOTE:**  
**WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA**



6 OF 6