

FLORIDA DEPARTMENT OF
Business & Professional Regulation



Product Approval
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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#)

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FL #
Application Type
Code Version
Application Status

FL19562-R9
Revision
2023
Approved

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

Alan Barstad
100 Fourth Avenue North
Bayport, MN 55003
(651) 264-5308
abarstad@andersencorp.com

Quality Assurance Representative
Address/Phone/Email

Alan Barstad
100 Fourth Avenue North
Bayport, MN 55003
(651) 264-5308
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	Year
AAMA/WDMA/CSA 101/I.S. 2/A440	2011
AAMA/WDMA/CSA 101/I.S. 2/A440	2017

ASTM E1886	2013
ASTM E1996	2017
TAS 201	1994
TAS 202	1994
TAS 203	1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	12/14/2023
Date Validated	12/27/2023
Date Pending FBC Approval	01/02/2024
Date Approved	02/13/2024

Summary of Products

FL #	Model, Number or Name	Description
19562.1	Renewal by Andersen Casement Window - Fixed (HVHZ) (Impact)	Renewal by Andersen Casement Window - Fixed (HVHZ) (Impact)
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +60/-70 Other: See Installation Details and Evaluation Report for allowable sizes, configurations, installation requirements and limits of use.	Installation Instructions FL19562_R9_II_AWD321_SS_2022-12-19.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19562_R9_AE_PER8118_SS_2022-10-10.pdf Created by Independent Third Party: Yes
19562.2	Renewal by Andersen Casement Window - Fixed (Non-HVHZ)(Non-Impact)	Renewal by Andersen Casement Window - Fixed (Non-HVHZ) (Non-Impact)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.	Installation Instructions FL19562_R9_II_AWD094_SS_2020-10-11.pdf Verified By: Hermes F. Norero, P.E. FL PE No. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19562_R9_AE_PER6698_SS_2020-10-11.pdf Created by Independent Third Party: Yes
19562.3	Renewal by Andersen Fixed Window - (HVHZ)(Impact)	Renewal by Andersen Fixed Window - (HVHZ)(Impact)
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.	Installation Instructions FL19562_R9_II_AWD292_SS_2021-06-15.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19562_R9_AE_PER7621_SS_2021-06-15.pdf Created by Independent Third Party: Yes
19562.4	Renewal by Andersen Fixed Window - Full Frame (Non-HVHZ)(Non-Impact)	Renewal by Andersen Fixed Window - Full Frame (Non-HVHZ) (Non-Impact)
	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes	Installation Instructions FL19562_R9_II_AWD092_SS_2020-10-11.pdf Verified By: Hermes F. Norero, P.E. FL PE No. 73778

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

[Back](#)

[Next](#)

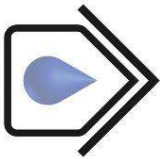
Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:





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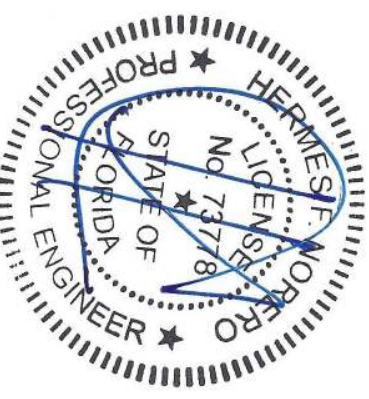
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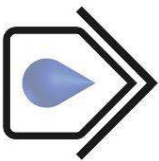
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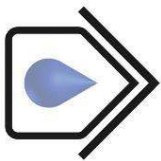
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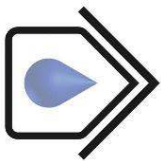
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03/20/2016 1:17 PM

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 TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE TWO (2) $3/16$ INCH HWH ITW TAPCON PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE $1 1/4$ 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 HWH 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 HWH 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 TAPCON 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 HWH 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)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE, EXCLUDING HVHZ. THE PRODUCT HAS BEEN EVALUATED TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/S.2/A440-11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: FIBREX® AND PVC.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 3.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE PANEL
 - O: FIXED PANEL

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	Nail Fin Only	Wood Or Metal Stud Only
		Through Frame & Nail Fin Required	Wood or Metal Stud Only
106x62	+/- 50 PSF	Installation Clip	Wood, Concrete/Masonry, Metal Stud
		Through Frame & Optional Nail Fin	Wood, Concrete/Masonry, Metal Stud



ANDERSEN
1201 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

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

GENERAL & INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

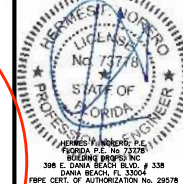
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
FAX: (954) 384-4728
WEB: www.buildingdrops.com



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 CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2020.03.11 18:30:26 -0200



FL #:

DATE: 12.17.15

DWG. BY: SM CHK. BY: MSS

SCALE: NTS

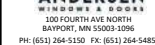
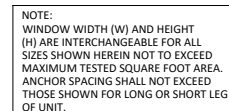
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SHEET: 1 OF 6



NOTES:

- ALL TYPICAL SUBSTRATES & INSTALLATION METHODS SHOWN HEREIN MAY BE USED AT THE HEAD, JAMBS, OR SILL. ANCHOR EDGE DISTANCE AND EMBEDMENT SHALL BE AS SPECIFIED IN TYPICAL DETAILS. SEE INSTALLATION NOTES 4-11, SHEET 1, FOR ANCHOR SPECIFICATIONS FOR EACH INSTALLATION METHOD.



WINDOWS - FULL FRAME
(NON-HVHZ)/(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS



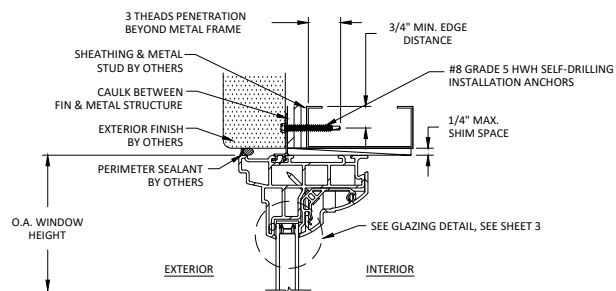
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OF 6

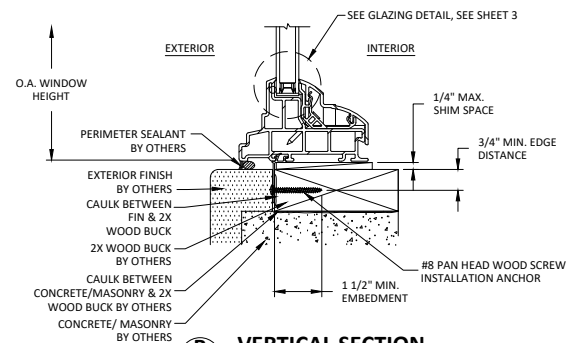
OF 6

code change - file 2020 (version 7) code change (versions/19195621/2020-09-22-092-0w8



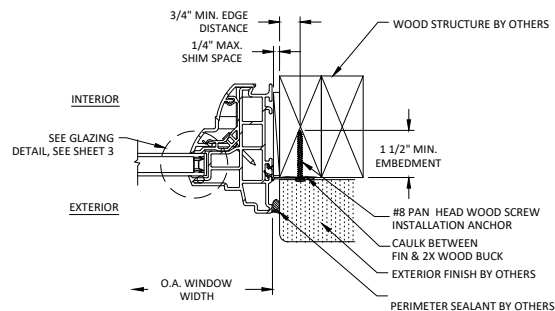
A
4 **VERTICAL SECTION**
HEAD - METAL FRAME SUBSTRATE
NAIL FIN

NAIL FIN/FLANGE IS REVERSIBLE, SEE ORIENTATION DIFFERENCE IN DETAIL A AND B



B
4 **VERTICAL SECTION**
SILL - 2X WOOD BUCK
NAIL FIN

SILL - 2X WOOD BUCK
NAIL FIN



C
4 **HORIZONTAL SECTION**
JAMB - WOOD BUCK
NAIL FIN

JAMB - WOOD BUCK
NAIL FIN



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

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

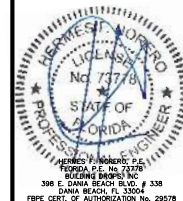
PREPARED BY:

BUILDING DROPS, INC.
3098 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
REV.FOR PG50 UNITS	MS	2.15.1
FBC UPDATE	SM	12.17.1
7TH FBC CODE CHANGE	SR	3.24.2

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FL #: FL19562

DATE: 12.17.15

DWG. BY: SM	CHK. BY: MSS
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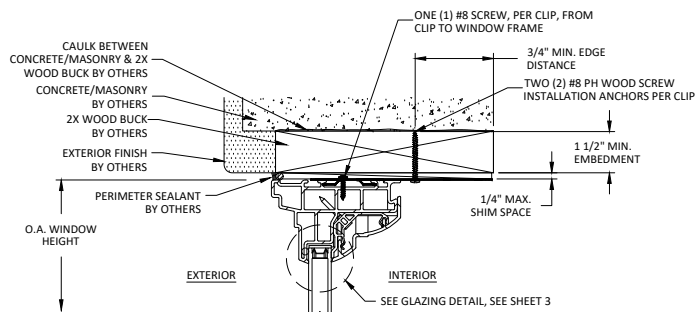
SCALE: NTS

DWG. #: AWD092

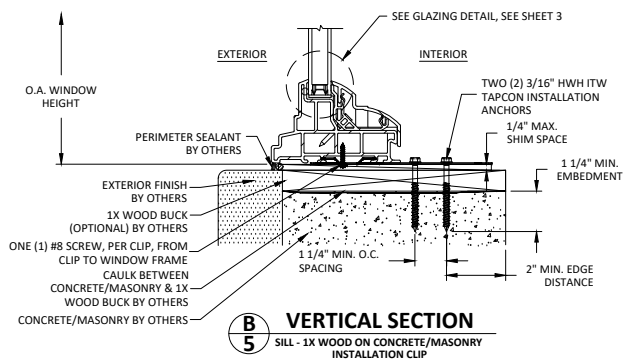
SHEET:

4

OF 6



A
5 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
INSTALLATION CLIP



B
5 **VERTICAL SECTION**
SILL - 1X WOOD ON CONCRETE/MASONRY
INSTALLATION CLIP

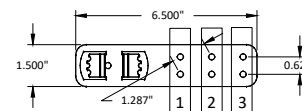
INSTALLATION CLIP ANCHOR REQUIREMENTS:

WOOD SUBSTRATE: USE TWO #8 PAN HEAD WOOD SCREWS PER CLIP, IN ROW
NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

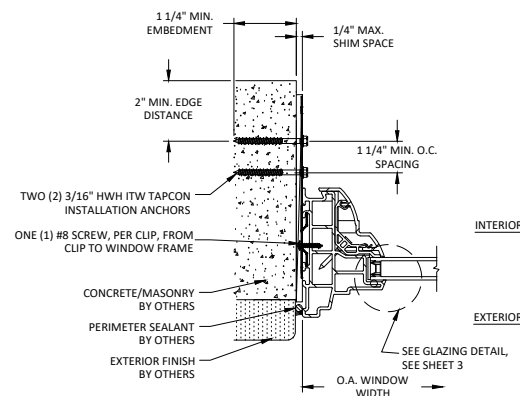
METAL SUBSTRATE: USE TWO #8 HWH SMS ANCHORS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

CONCRETE/MASONRY: USE TWO 3/16" ITW TAPCON ANCHORS, WITH ONE ANCHOR PLACED IN ROW NUMBER ONE AND ONE ANCHOR PLACED IN ROW NUMBER TWO OF PREDRILLED HOLES SHOWN BELOW. ANCHORS MUST BE PLACED DIAGONALLY ACROSS THE CLIP.

DO NOT INSTALL ANCHORS THROUGH ROW NUMBER THREE.



INSTALLATION CLIP DETAIL



C5 HORIZONTAL SECTION
JAMB - CONCRETE/MASONRY
INSTALLATION CLIP



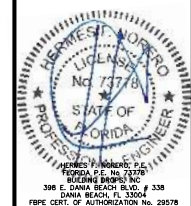
ANDERSEN
WINDOWS & DOORS
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

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



REMARKS	BY	DATE
REV. FOR PG50 UNITS	MS	2.15.16
FBC UPDATE	SM	12.17.18
7TH FBC CODE CHANGE	SR	3.24.20

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SCALE: NTS

DWG. #: AWD092

SHEET:

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CIRCLE TOP

CHORD

OCTAGON

TRAPEZOID

QUARTER CIRCLE - R

HALF SPRINGLINE

CIRCLE

UNEQUAL LEG ARCH

EQUAL LEG ARCH

SPRINGLINE

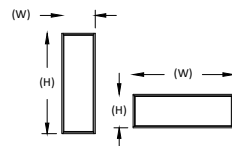
HEXAGON

PENTAGON

PEAK PENTAGON

RIGHT TRIANGLE

TRIANGLE



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

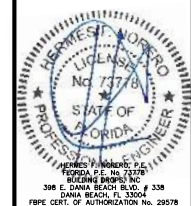
RENEWAL BY ANDERSEN FIXED
WINDOWS - FULL FRAME
(NON-HVHZ)/(NON-IMPACT)

BUILDING DROPS, INC.
8 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



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OF 6