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**Product Approval**  
USER: Public User

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

OFFICE OF THE SECRETARY

FL #	FL19563-R6										
Application Type	Affirmation										
Code Version	2023										
Application Status	Approved										
Comments											
Archived	<input type="checkbox"/>										
Product Manufacturer	Andersen Corporation										
Address/Phone/Email	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											
Category	Windows										
Subcategory	Horizontal Slider										
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received										
Florida Engineer or Architect Name who developed the Evaluation Report	Hermes F. Norero, P.E.										
Florida License	PE-73778										
Quality Assurance Entity	Window and Door Manufacturers Association-QA										
Quality Assurance Contract Expiration Date	12/16/2030										
Validated By	Zachary R. Priest, P.E. <input type="checkbox"/> Validation Checklist - Hardcopy Received										
Certificate of Independence	<a href="#">FL19563_R6_COI_COI Andersen SS 2021-10-18.pdf</a>										
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2008</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2011</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2017</td> </tr> <tr> <td>ASTM E1886</td> <td>2013</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	AAMA/WDMA/CSA 101/I.S.2/A440	2008	AAMA/WDMA/CSA 101/I.S.2/A440	2011	AAMA/WDMA/CSA 101/I.S.2/A440	2017	ASTM E1886	2013
<b>Standard</b>	<b>Year</b>										
AAMA/WDMA/CSA 101/I.S.2/A440	2008										
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

I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity  Yes  No  N/A

[FL19563\\_R6\\_COC\\_SA19563\\_SS\\_2023-06-19.pdf](#)

Product Approval Method Method 1 Option D

Date Submitted 08/08/2023  
 Date Validated 08/08/2023  
 Date Pending FBC Approval  
 Date Approved 08/10/2023  
 Date Revised 08/27/2024

**Summary of Products**

FL #	Model, Number or Name	Description
19563.1	Renewal by Andersen Glider Window (Non-HVHZ) (Non-Impact)	Renewal by Andersen Glider Window (Non-HVHZ) (Non-Impact)
<b>Limits of Use</b> <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 Details and Evaluation Report for allowable design pressures, sizes, configurations, installation requirements and limits of use.		<b>Installation Instructions</b> <a href="#">FL19563_R6_II_AWD243_SS_2018-12-17.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="#">FL19563_R6_AE_PER5898_SS_2018-12-16.pdf</a> Created by Independent Third Party: Yes
19563.2	Renewal by Andersen Glider Windows (HVHZ) (Impact)	Renewal by Andersen Glider Windows (HVHZ) (Impact)
<b>Limits of Use</b> <b>Approved for use in HVHZ:</b> Yes <b>Approved for use outside HVHZ:</b> Yes <b>Impact Resistant:</b> Yes <b>Design Pressure:</b> +60/-70 <b>Other:</b> See Installation Details and Evaluation Report for allowable sizes, configurations, installation requirements and limits of use.		<b>Installation Instructions</b> <a href="#">FL19563_R6_II_AWD322_SS_2022-10-13.pdf</a> Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL19563_R6_AE_PER8163_SS_2022-10-13.pdf</a> Created by Independent Third Party: Yes

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

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# BUILDING DROPS

A Perfect Solution in Every Drop!  
Certificate of Authorization: 29578

398 E. Dania Beach Blvd.  
Suite 338  
Dania Beach, FL 33004  
954.399.8478 PH  
954.744.4738 FX  
contact@buildingdrops.com

## Product Evaluation Report

*of*

**Andersen Corporation  
Renewal by Andersen Glider Windows**

*for*

**Florida Product Approval**

**FL# FL19563**

**Report No. 5898**

**Current Florida Building Code**

**Method: 1 – D (Engineering Evaluation)**  
**Category: Windows**  
**Sub – Category: Glider Window**

**Product: *Renewal by Andersen Glider Windows***  
**Material: *Fibrex® & PVC***  
**Product Dimensions: *See installation instructions, AWD243***

**Prepared For:**

**Andersen Corporation  
100 4<sup>th</sup> Ave. N  
Bayport, Minnesota 55003**

**Prepared by:**

**Hermes F. Norero, P.E.**  
Florida Professional Engineer # 73778  
Date: 12/15/18

Contents:

Evaluation Report      Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2018.12.16 18:10:20 -05'00'



**Hermes F. Norero, P.E.**  
Florida No. 73778



# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

FL#: FL19563

Date: 12/15/18

Report No: 5898

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<b>Manufacturer:</b>	<b>Andersen Corporation</b>
<b>Product Category:</b>	Windows
<b>Product Sub-Category:</b>	Glider Window
<b>Compliance Method:</b>	State Product Approval Method (1)(d)
<b>Product Name:</b>	Renewal Glider Windows

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Andersen Corporation** based on Method 1d of the State of Florida Product Approval, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the Current Florida Building Code.

See Installation Instructions **AWD243**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

**Limits of Use:**

1. This product has been evaluated and is in compliance with the Current Florida Building Code, excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the Current Florida Building Code and does require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **AWD243** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD243** for size and design pressure limitations.



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Certificate of Authorization: 29578

FL#: FL19563

Date: 12/15/18

Report No: 5898

**Quality Assurance:** The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Window and Door Manufacturers Association** (FBC Organization #: QUA2515).

**Performance Standards:** The product described herein has been tested per:

- AAMA/WDMA/CSA 101/I.S.2/A440-08/11

**Referenced Data:**

1. Product Testing performed by **Architectural Testing** (FBC Organization # TST1795)

D2720.01-201-47-R0	01/06/14
D2720.02-201-47-R0	01/06/14
D2721.01-201-47-R0	01/06/14
D2721.02-201-47-R0	01/06/14
D2722.01-201-47-R0	01/06/14
D2722.02-201-47-R0	01/06/14
D3502.02-201-47-R0	01/06/14
D3502.01-201-47-R0	01/06/14
D3503.01-201-47-R0	01/06/14
D3503.02-201-47-R0	01/06/14
D3499.01-201-47-R0	01/06/14
D3499.02-201-47-R0	01/06/14
D3500.01-201-47-R0	01/06/14
D3500.02-201-47-R0	01/06/14
D3501.01-201-47-R0	01/06/14
D3501.02-201-47-R0	01/06/14
D2724.01-201-47-R0	01/06/14
D2724.02-201-47-R0	01/06/14
D2730.01-201-47-R0	01/06/14
D2730.02-201-47-R0	01/06/14
D3498.01-201-47-R0	01/06/14
D3498.02-201-47-R0	01/06/14
D2733.01-201-47-R0	01/06/14
D2733.02-201-47-R0	01/06/14
D2726.01-201-47-R0	01/06/14
D2726.02-201-47-R0	01/06/14



# BUILDING DROPS

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Certificate of Authorization: 29578

FL#: FL19563

Date: 12/15/18

Report No: 5898

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D2728.01-201-47-R0	01/06/14
D2728.02-201-47-R0	01/06/14
D2734.01-201-47-R0	01/06/14
D2734.02-201-47-R0	01/06/14
D2736.01-201-47-R0	01/06/14
D2736.02-201-47-R0	01/06/14
D2727.01-201-47-R0	01/06/14
D2727.02-201-47-R0	01/06/14
D2729.01-201-47-R0	01/06/14
D2729.02-201-47-R0	01/06/14
D2735.01-201-47-R0	01/06/14
D2735.02-201-47-R0	01/06/14
D2737.01-201-47-R0	01/06/14
D2737.02-201-47-R0	01/06/14

2. Product Testing performed by **Intertek**  
(FBC Organization # TST1795)

I9389.01-201-47	12/10/18
I9393.01-201-47	12/11/18
I9398.01-201-47	12/10/18
I9388.01-201-47	12/10/18
I9392.01-201-47	12/10/18
I9397.01-201-47	12/10/18
I9390.01-201-47	12/10/18
I9396.01-201-47	12/11/18
I9301.01-201-47	12/10/18
I9394.01-201-47	12/11/18
I9300.01-201-47	12/10/18

3. Quality Assurance  
**Window and Door Manufacturers Association**  
(FBC Organization #: QUA2515)

## Installation:

Refer to Installation Instructions (**AWD243**) for anchor type, embedment, edge distance and anchor spacing details.

## Design Pressure:

Refer to Installation Instructions (**AWD243**) for design pressures based on unit construction, size, and configuration.

Hermes F. Norero, P.E.  
Florida No. 73778  
Page 4 of 4

# ANDERSEN CORPORATION

## RENEWAL BY ANDERSEN SERIES GLIDER WINDOW (NON-IMPACT) (NON-HVHZ)



300 FOURTH AVE NORTH  
DAYTONA BEACH, FL 32114  
PH: (386) 251-1200 FAX: (386) 251-1201

PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 999-4738  
FAX: (954) 444-4738  
WEB: www.buildingdrops.com

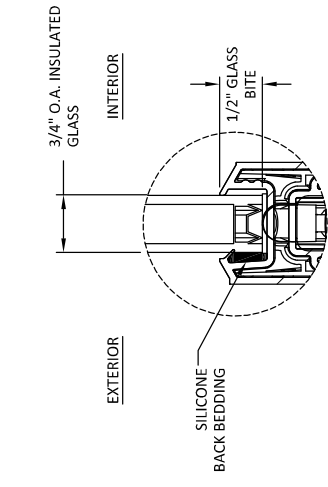


THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS SET FORTH HEREIN, A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.

Reason: **Not approving this document**  
Date: 2/18/2018 10:52 AM 69500

FL #:  
DATE: 11.07.18  
DWG. BY: RV  
CHK. BY: HFN  
SCALE: NTS  
DWG. #: AWD243  
SHEET: 1

SHEET	REVISION	SHEET DESCRIPTION
1	-	GENERAL NOTES & GLAZING DETAIL ELEVATIONS
2	-	ELEVATIONS
3	-	ANCHOR LAYOUTS
4	-	ANCHOR LAYOUTS
5	-	VERTICAL SECTIONS
6	-	HORIZONTAL SECTIONS
7	-	ANCHOR DETAILS
8	-	INSTALLATION NOTES & ANCHOR SCHEDULE
9	-	



- GLAZING NOTES:**
- GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
  - SETTING BLOCK DUREMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
  - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
  - D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES ON SHEET 1.

SIZE	CONFIGURATION	DESIGN PRESSURE RATING		SASH WIDTH RATIO
		DESIGN PRESSURE	UPGRADE RATING	
72" X 80"	XO	+40.0 / -40.0 PSF	1:1	
96" X 54"	XO	+40.0 / -40.0 PSF	1:1	
96" X 72"	XO	+40.0 / -40.0 PSF	1:1	
108" X 54"	XO	+25.0 / -25.0 PSF	1:1	
108" X 72"	XO	+20.0 / -20.0 PSF	1:1	
56" X 80"	XO	+40.0 / -40.0 PSF	1:1	
74" X 54"	XO	+40.0 / -40.0 PSF	1:1	
74" X 72"	XO	+35.0 / -35.0 PSF	1:1	
48" X 48"	XX	+40.0 / -40.0 PSF	1:1	
72" X 80"	XX	+30.0 / -30.0 PSF	1:1	
96" X 54"	XX	+35.0 / -35.0 PSF	1:1	
96" X 60"	XX	+35.0 / -35.0 PSF	1:1	
96" X 72"	XX	+20.0 / -20.0 PSF	1:1	
144" X 54"	XOX	+30.0 / -30.0 PSF	1:1:1	
144" X 72"	XOX	+25.0 / -25.0 PSF	1:1:1	
84" X 60"	XOX	+40.0 / -40.0 PSF	1:1:1	
84" X 80"	XOX	+35.0 / -35.0 PSF	1:1:1	
144" X 54"	XOX	+30.0 / -30.0 PSF	1:2:1	
144" X 72"	XOX	+25.0 / -25.0 PSF	1:2:1	
84" X 60"	XOX	+40.0 / -40.0 PSF	1:2:1	
84" X 80"	XOX	+35.0 / -35.0 PSF	1:2:1	

SIZE	CONFIGURATION	DESIGN PRESSURE UPGRADE RATING		SASH WIDTH RATIO
		DESIGN PRESSURE	UPGRADE RATING	
56" X 48"	XO	+61.0 / -79.0 PSF	1:1	
40" X 40"	XO	+81.0 / -100.0 PSF	1:1	
88" X 64"	XO	+42.0 / -43.0 PSF	1:1	
74" X 72"	XO	+50.0 / -50.0 PSF	1:1	
74" X 64"	XO	+50.0 / -65.0 PSF	1:1	
108" X 72"	XOX	+26.0 / -26.0 PSF	1:1:1 & 1:2:1	
120" X 64"	XOX	+28.0 / -28.0 PSF	1:1:1 & 1:2:1	
56" X 48"	XOX	+61.0 / -79.0 PSF	1:1:1 & 1:2:1	
74" X 64"	XOX	+50.0 / -65.0 PSF	1:1:1 & 1:2:1	
108" X 64"	XOX	+40.0 / -40.0 PSF	1:1:1 & 1:2:1	

- NOTES:**
- DP UPGRADE PRODUCT POSITIVE RATING IS DRIVEN BY STRUCTURAL ONLY. WATER IS NOT INCLUDED.
  - DP UPGRADE PRODUCT MUST BE INSTALLED THROUGH FRAME ONLY, EXCEPT ON SILL WHERE JAWB CLIPS MUST BE USED.

- GENERAL NOTES:**
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
    - AAMA/WDMA/CSA 101/1.2/A440-08/11
  - ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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.
  - 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.
  - INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF +/- 1/4 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.
  - 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 SET FORTH HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
  - APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
  - WINDOW FRAME MATERIAL: FIBREX & PVC
  - IN ACCORDANCE WITH THE CURRENT EDITION FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED CHAPTER 23.
  - GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.



300 FOURTH AVE NORTH  
DAYTON, OH 45424-1398  
PH: (612) 284-3120 FAX: (612) 284-5485

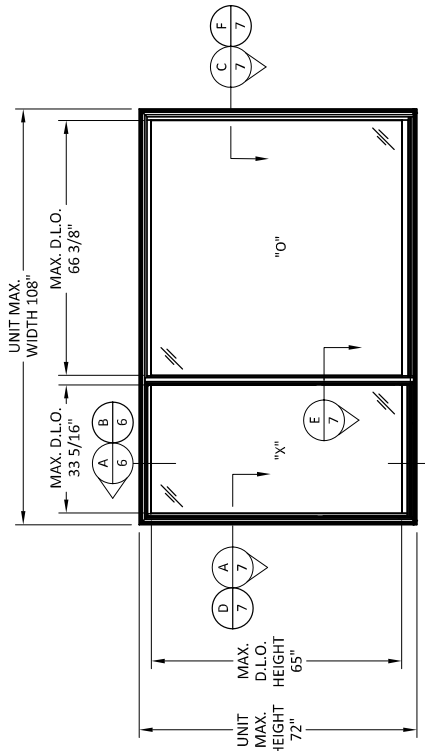
**PREPARED BY:**  
BUILDING DROPS, INC.  
ELEVATIONS  
(NON-HVHZ)  
WINDOW (NON-IMPACT)  
RENEWAL SERIES GUIDING

398 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 994-8788  
FAX: (954) 444-4738  
WEB: www.buildingdrops.com



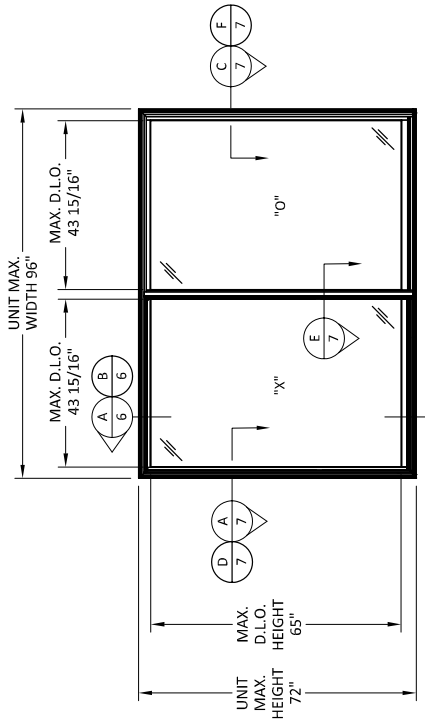
FL #:  
DATE: 11.07.18  
DWG. BY: RV  
CHK. BY: HFN  
SCALE: NTS  
DWG. #: AWD243  
SHEET: 2

THE INSTALLATION OF THIS WINDOW UNIT IS SUBJECT TO THE FOLLOWING CONDITIONS:  
1. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.  
2. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL BUILDING CODES.  
3. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL ENERGY CODES.  
4. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL WIND-BURST RESISTANCE CODES.  
5. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL SEISMIC CODES.  
6. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL FLOODING CODES.  
7. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL TYPHOON RESISTANCE CODES.  
8. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL HAIL RESISTANCE CODES.  
9. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL BULLET RESISTANCE CODES.  
10. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL BURGLAR RESISTANCE CODES.  
11. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL THEFT RESISTANCE CODES.  
12. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL VANDALISM RESISTANCE CODES.  
13. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL WEATHER RESISTANCE CODES.  
14. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL AIR RESISTANCE CODES.  
15. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL WATER RESISTANCE CODES.  
16. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL SOUND RESISTANCE CODES.  
17. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL VIBRATION RESISTANCE CODES.  
18. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL THERMAL RESISTANCE CODES.  
19. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL RADIATION RESISTANCE CODES.  
20. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL CONDENSATION RESISTANCE CODES.  
21. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL POLLUTION RESISTANCE CODES.  
22. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL CORROSION RESISTANCE CODES.  
23. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL WEAR RESISTANCE CODES.  
24. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL MAINTENANCE RESISTANCE CODES.  
25. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL SAFETY RESISTANCE CODES.  
26. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL SECURITY RESISTANCE CODES.  
27. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL PRIVACY RESISTANCE CODES.  
28. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL ENERGY EFFICIENCY RESISTANCE CODES.  
29. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL ENVIRONMENTAL RESISTANCE CODES.  
30. THE WINDOW UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL SUSTAINABILITY RESISTANCE CODES.

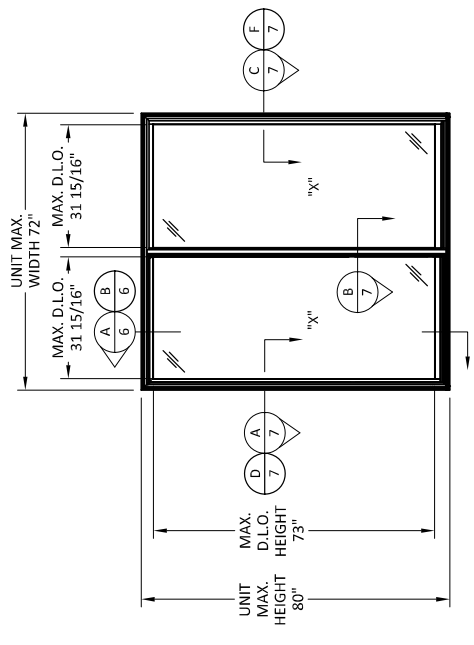


**ELEVATION**  
108" X 72" XO UNIT  
1:2 SASH RATIO

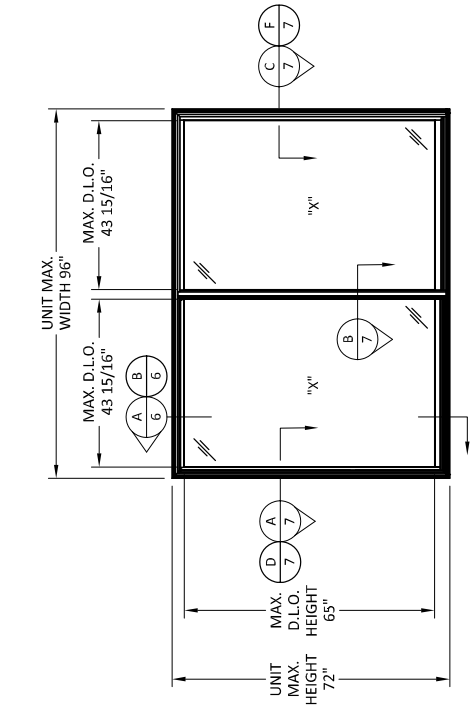
**NOTE:**  
ALTERNATE MEETING STILE LOCATIONS  
MAY BE USED SUCH THAT MAX. DLO  
DIMENSIONS SHOWN HEREIN ARE NOT  
EXCEEDED. UNEQUAL SASH RATIO NOT  
AVAILABLE FOR ACTIVE/ACTIVE (XX) UNITS.



**ELEVATION**  
96" X 72" XO UNIT  
1:1 SASH RATIO



**ELEVATION**  
72" X 80" XX UNIT  
1:1 SASH RATIO



**ELEVATION**  
96" X 72" XX UNIT  
1:1 SASH RATIO



300 FOURTH AVE NORTH  
 DAYTON, OH 45424  
 PH: (611) 284-5120 FAX: (611) 284-5485

**PREPARED BY:**  
**BUILDING DROPS, INC.**  
 ELEVATIONS  
 WINDOW (NON-IMPACT)  
 (NON-HVHZ)

398 E. DANIA BEACH BLVD., STE. 338  
 DANIA BEACH, FL 33004  
 PH: (954) 944-4738  
 FAX: (954) 999-4878  
 WEB: www.buildingdrops.com

TITLE:

REMARKS

BY DATE

THE INSTALLATION OF THIS WINDOW OR GLAZING SYSTEM IS SUBJECT TO THE FOLLOWING CONDITIONS: THE INSTALLATION MUST BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE NATIONAL WINDOW FILLS AND GLAZING SYSTEMS ASSOCIATION (NWFA) STANDARD SPECIFICATIONS FOR WINDOW AND GLAZING SYSTEMS. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.



HERSEPI MORERO P.E.  
 FLORIDA P.E. NO. 73778  
 398 E. DANIA BEACH BLVD., # 338  
 DANIA BEACH, FL 33004  
 FEPE CERT. OF AUTHORIZATION No. 28978

FL #:

DATE: 11.07.18

DWG. BY: RV

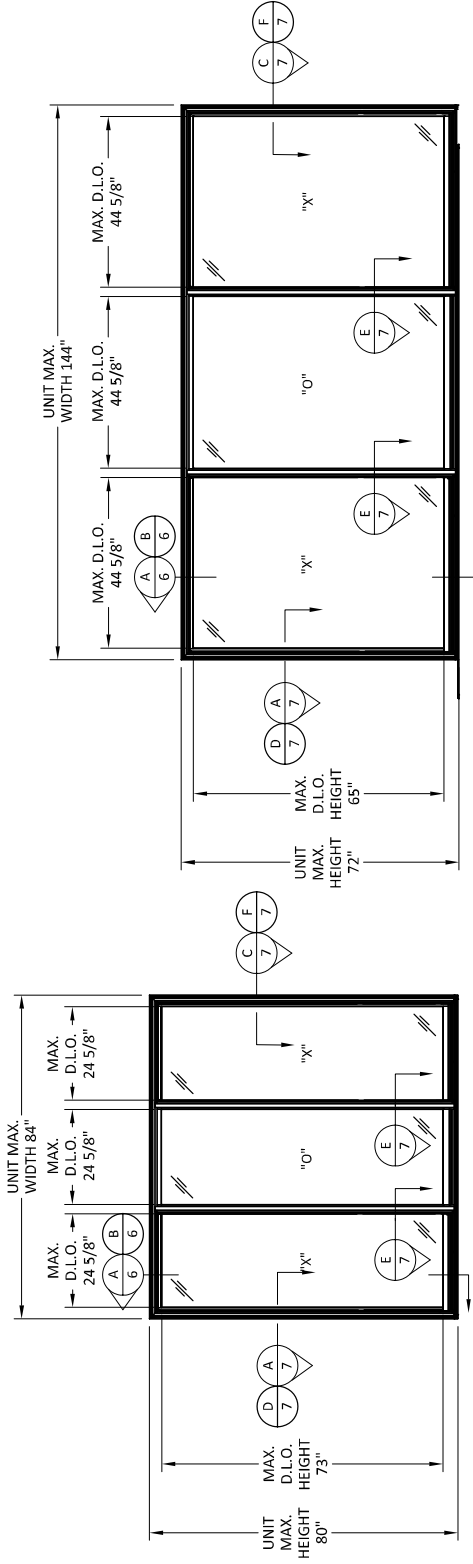
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD243

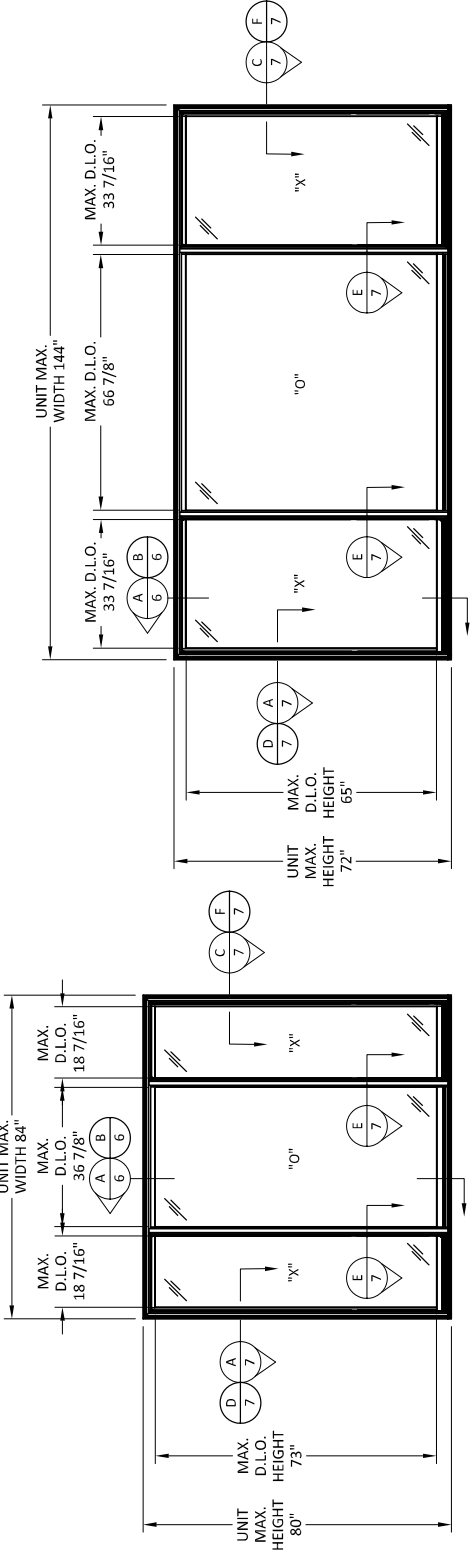
SHEET: 3

OF 9

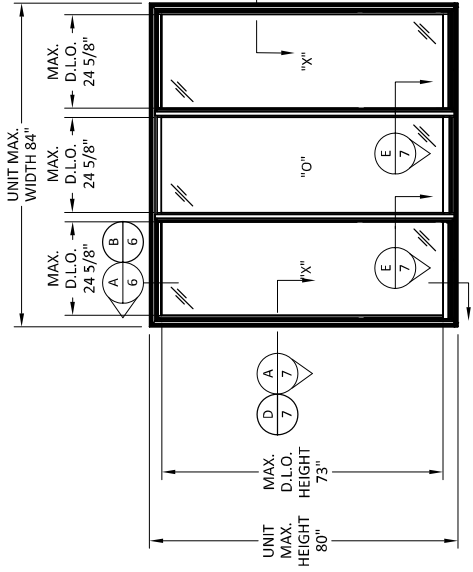


NOTE:  
 ALTERNATE MEETING STILE  
 LOCATIONS MAY BE USED SUCH  
 THAT MAX. DLO DIMENSIONS  
 SHOWN HEREIN ARE NOT  
 EXCEEDED.

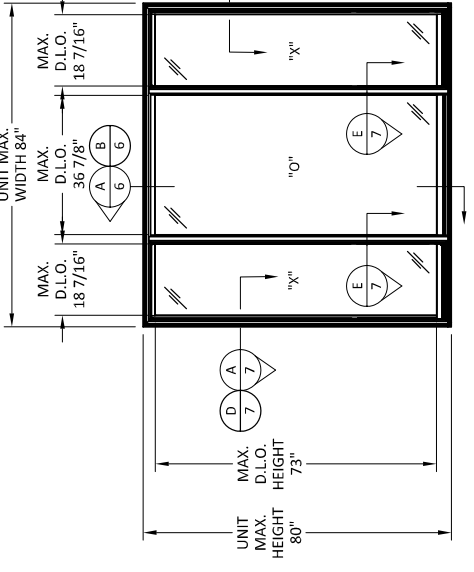
**ELEVATION**  
 144" X 72" XOX UNIT  
 1:1:1 SASH RATIO



**ELEVATION**  
 144" X 72" XOX UNIT  
 1:2:1 SASH RATIO



**ELEVATION**  
 84" X 80" XOX UNIT  
 1:1:1 SASH RATIO



**ELEVATION**  
 84" X 80" XOX UNIT  
 1:2:1 SASH RATIO



100 FOURTH AVE NORTH  
 SUITE 111, MIAMI 33136  
 PH: (800) 844-3100 FX: (305) 844-5485

PREPARED BY:  
 BUILDING DROPS, INC.  
 398 E. OAKMAN BEACH BLVD., STE. 318  
 DANIA BEACH, FL 33004  
 PH: (954) 939-8278  
 FAX: (954) 744-4738  
 WWW: WWW.BUILDINGDROPS.COM



TITLE: RENEWAL SERIES GUIDING WINDOW (NON-IMPACT) (NON-HVHZ) ANCHOR LAYOUTS

REMARKS: BY DATE

FL #:  
 DATE: 11.07.18  
 DWG. BY: RV  
 CHK. BY: HFN  
 SCALE: NTS  
 DWG. #: AWD243  
 SHEET: 4

THE INSTALLATION OF THIS WINDOW OR DOOR IS THE RESPONSIBILITY OF THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS ARE MET. THIS DOCUMENT IS TO BE USED AS A GUIDE ONLY. IT DOES NOT CONSTITUTE A CONTRACT. IT IS THE RESPONSIBILITY OF THE INSTALLER TO VERIFY THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS ARE MET. THIS DOCUMENT IS TO BE USED AS A GUIDE ONLY. IT DOES NOT CONSTITUTE A CONTRACT. IT IS THE RESPONSIBILITY OF THE INSTALLER TO VERIFY THAT ALL LOCAL, STATE AND FEDERAL REQUIREMENTS ARE MET.

**INSTALLATION NOTES:**

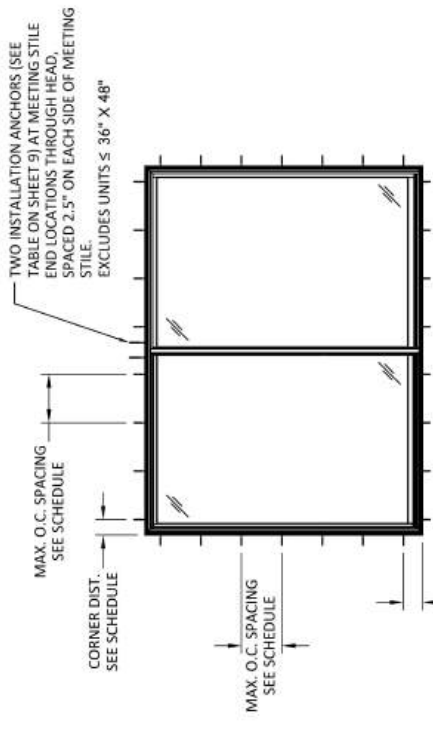
- FOR THROUGH FRAME INSTALLATIONS, INSTALLATION CLIPS MUST BE USED AT THE SILL IN LIEU OF FASTENERS THROUGH FRAME, SPACED IN ACCORDANCE WITH THE INSTALLATION CLIP SPACING REQUIREMENTS LISTED IN THE ABOVE TABLE.
- FOR CUSTOM SASH RATIOS, USE WORST CASE ANCHOR SPACING BETWEEN EQUAL SASH AND 1:2 OR 1:2.1 SASH RATIOS FROM TABLE ABOVE. REFER TO SHEET 1, SEE TABLE ON SHEET 9 FOR ANCHOR TYPE DEPENDENT ON INSTALLATION METHOD AND SUBSTRATE.

**INSTALLATION NOTES:**

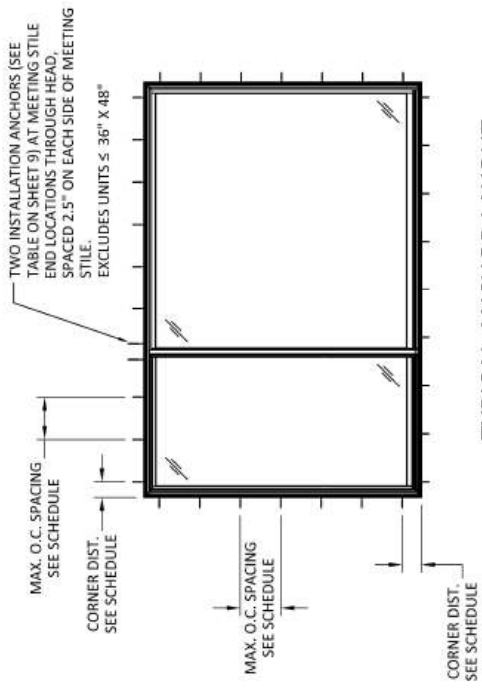
- DP UPGRADE PRODUCTS WHEN ANCHORING WITH ITW TAPCON FASTENERS THE JAMB SHIM MUST BE USED BETWEEN THE FRAME AND THE 3/4 INCH SHIM STACK. JAMB SHIM NOT REQUIRED WHEN USING JAMB CLIP FOR SILL FASTENING.

CONFIG.	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
"XO" OR "XX" GLIDER 1:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
"XO" OR "XX" GLIDER 1:1 SASH RATIO	INSTALLATION CLIP	5.5	15.25	15.25	16
	THROUGH FRAME	5.5	10.125	SEE NOTES	15.25
"XO" OR "XX" GLIDER 1:2 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	15	15	16
"XO" OR "XX" GLIDER 1:2 SASH RATIO	THROUGH FRAME	5.5	11.25	SEE NOTES	17.25

CONFIG. & SIZE	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
XO & OX GLIDER 40" X 40"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 40" X 48"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 56" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 74" X 72"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	12.5	12.5	12.5
XO & OX GLIDER 88" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	15.25	15.25	15.25



**TYPICAL ANCHOR LAYOUT**  
 XO OR OX GLIDER  
 1:1 SASH RATIO



**TYPICAL ANCHOR LAYOUT**  
 XO GLIDER  
 1:2 SASH RATIO

ALL METHODS OF INSTALLATION REQUIRE A CONTINUOUS 3/8" BEAD OF SILICONE BELOW THE SILL



100 FOURTH AVE NORTH  
 BOYD APT. #101 33000 BOYD  
 PH: (850) 484-3100 FX: (850) 484-5485

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 BUILDING DROPS, INC.  
 398 E. OAKMAN BEACH BLVD., STE. 318  
 DANIA BEACH, FL 33004  
 PH: (954) 399-8478  
 FAX: (954) 744-4738  
 WWW: www.bldgdrop.com



TITLE: RENEWAL SERIES GUIDING WINDOW (NON-IMPACT) ANCHOR LAYOUTS

REMARKS

BY DATE

THIS INSTALLATION DETAILS DEPENDS ON THE TYPE OF WINDOW AND THE TYPE OF GLASS. THE INSTALLATION MUST BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. IF THE SITE CONDITIONS CALL FOR AN INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED PROFESSIONAL ENGINEER MUST BE CONSULTED FOR AN ALTERNATE METHOD OF INSTALLATION. THIS DOCUMENT IS TO BE USED WITH THIS DOCUMENT.

FL #:

DATE: 11.07.18

DWG. BY: RV

SCALE: NTS

DWG. #: AWD243

SHEET: 5

OF 9

INSTALLATION NOTES:

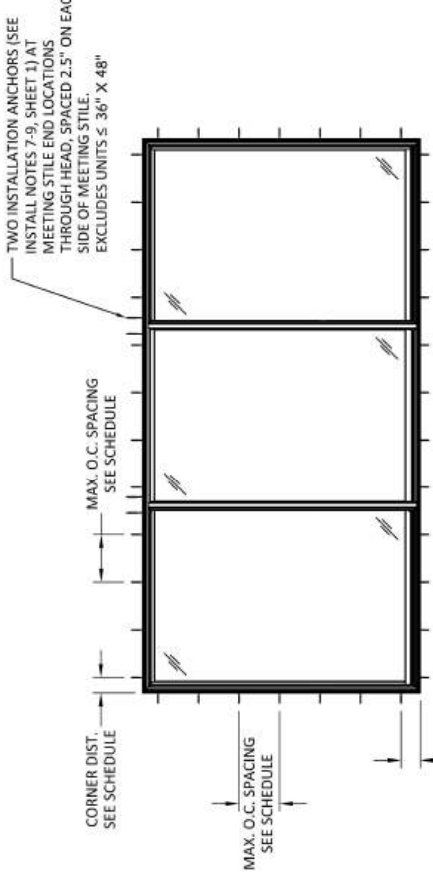
- FOR THROUGH FRAME INSTALLATIONS, INSTALLATION CLIPS MUST BE USED AT THE SILL IN LIEU OF FASTENERS THROUGH FRAME. SPACED IN ACCORDANCE WITH THE INSTALLATION CLIP SPACING REQUIREMENTS LISTED IN THE ABOVE TABLE.
- FOR CUSTOM SASH RATIOS, USE WORST CASE ANCHOR SPACING BETWEEN EQUAL SASH AND 1:2 OR 1:2:1 SASH RATIOS FROM TABLE ABOVE.
- REFER TO SHEET 7, INSTALLATION NOTES 4-11 FOR ANCHOR TYPE DEPENDENT ON INSTALLATION METHOD AND SUBSTRATE.

INSTALLATION NOTES:

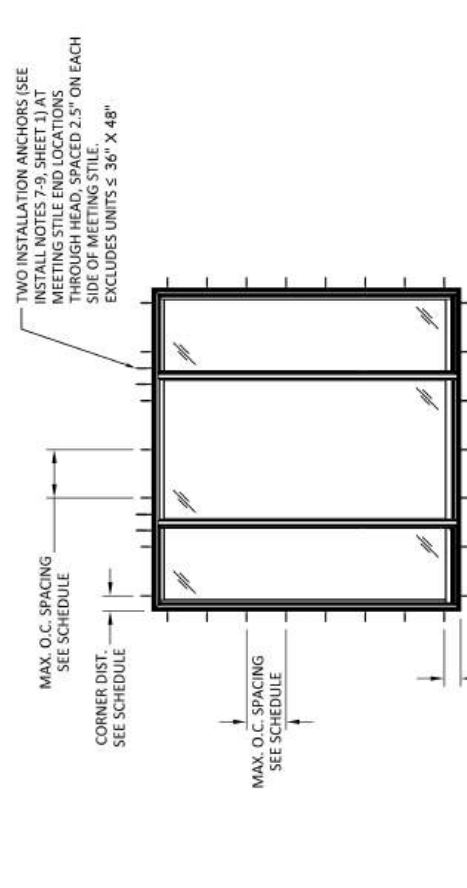
- DP UPGRADE PRODUCTS WHEN ANCHORING WITH 1/2" TAPCON FASTENERS THE JAMB SHIM MUST BE USED BETWEEN THE FRAME AND THE 1/2" INCH SHIM STACK. JAMB SHIM NOT REQUIRED WHEN USING JAMB CLIP FOR SILL FASTENING.

RENEWAL SERIES GLIDER ANCHOR SPACING					
CONFIG.	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
"XOX" GLIDER 1:1:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
"XOX" GLIDER 1:1:1 SASH RATIO	INSTALLATION CLIP	5.5	14.5	14.5	16
	THROUGH FRAME	5.5	10.375	SEE NOTES	21.5
"XOX" GLIDER 1:2:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	12.125	12.125	16
"XOX" GLIDER 1:2:1 SASH RATIO	THROUGH FRAME	5.5	10.5	SEE NOTES	22

RENEWAL SERIES DP UPGRADE GLIDER ANCHOR SPACING					
CONFIG. & SIZE	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
XOX GLIDER 56" X 48" 1:1:1 & 1:2:1	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XOX GLIDER 74" X 64" 1:1:1 & 1:2:1	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XOX GLIDER 108" X 64" 1:1:1 & 1:2:1	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	13.75
XOX GLIDER 108" X 72" 1:1:1 & 1:2:1	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	19.25
XOX GLIDER 120" X 64" 1:1:1 & 1:2:1	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	17.5



TYPICAL ANCHOR LAYOUT  
 XOX GLIDER  
 1:1:1 SASH RATIO



TYPICAL ANCHOR LAYOUT  
 XOX GLIDER  
 1:2:1 SASH RATIO

ALL METHODS OF INSTALLATION REQUIRE A CONTINUOUS 1/2" BEAD OF SILICONE BELOW THE SILL



300 FOURTH AVE NORTH  
 DAYTON, OH 45424  
 PH: (612) 244-3120 FAX: (612) 244-5485

PREPARED BY:  
**BUILDING DROPS, INC.**  
 398 E. DANIA BEACH BLVD., STE. 338  
 DANIA BEACH, FL 33004  
 PH: (954) 399-4478  
 FAX: (954) 744-4738  
 WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION OF ANY WINDOW OR DOOR FRAME IS GENERALLY THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE FRAME IS INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THIS DOCUMENT. FROM THE CONDITIONS CAUSED BY INSTALLATION TO REMAIN IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THIS DOCUMENT IS FOR INFORMATION PURPOSES ONLY. IT IS NOT TO BE USED AS A BASIS FOR ANY OTHER DOCUMENTS FOR USE WITH THIS DOCUMENT.

FL #:  
**FL19563**

DATE: **11.07.18**

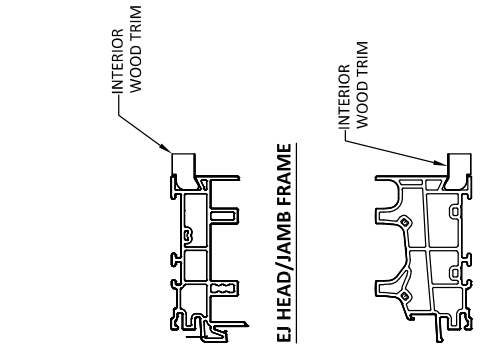
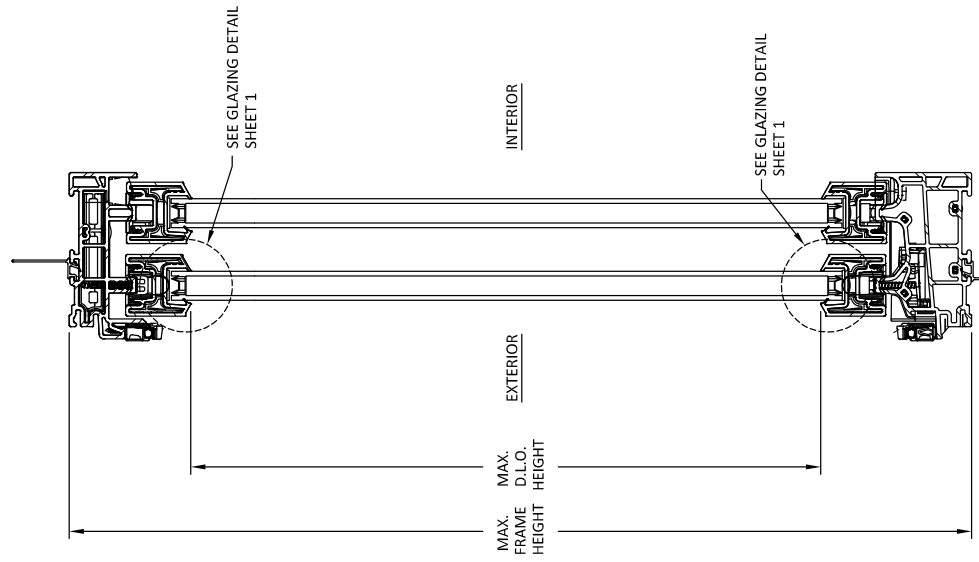
DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

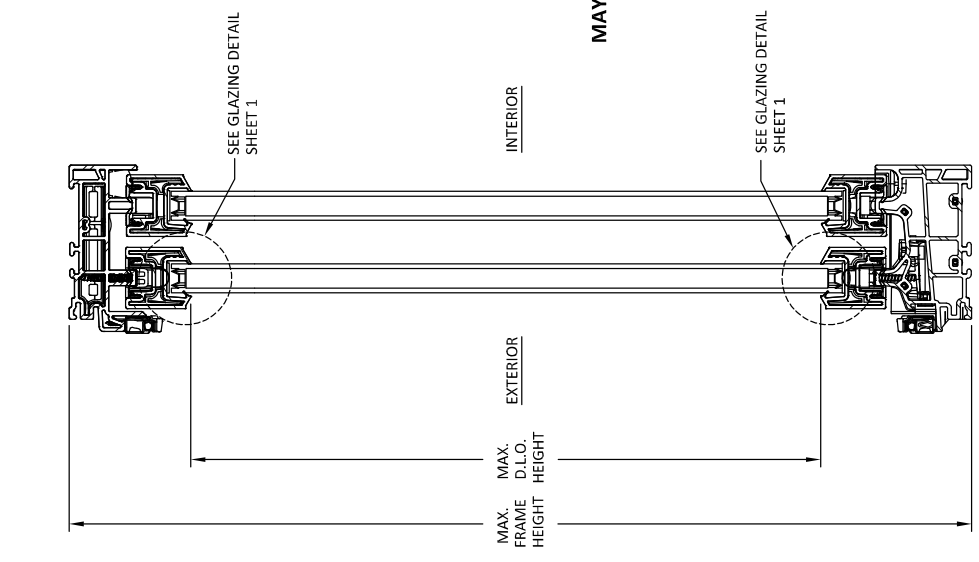
DWG. #: **AWD243**

SHEET: **6**

OF 9



**ALTERNATE EJ FRAME**  
 MAY BE USED AS EQUAL ALTERNATE FRAME TYPE



**A** VERTICAL SECTION  
 THROUGH FRAME AND THROUGH CLIP INSTALLATION

**B** VERTICAL SECTION  
 NAIL FIN INSTALLATION

NAIL FIN/FLANGE IS REVERSIBLE, SEE ORIENTATION DIFFERENCE BETWEEN HEAD AND SILL.



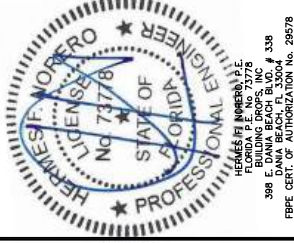
300 FOURTH AVE NORTH  
 DAYTON, OH 45424-1001  
 PH: (612) 244-3120 FAX: (612) 244-5485

**PREPARED BY:**  
**BUILDING DROPS, INC.**  
 398 E. DANIA BEACH BLVD., STE. 338  
 DANIA BEACH, FL 33004  
 PH: (954) 399-8478  
 FAX: (954) 444-4738  
 WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION OF THIS WINDOW OR DOOR SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.



**FL #:** FL19563

**DATE:** 11.07.18

**DWG. BY:** RV **CHK. BY:** HFN

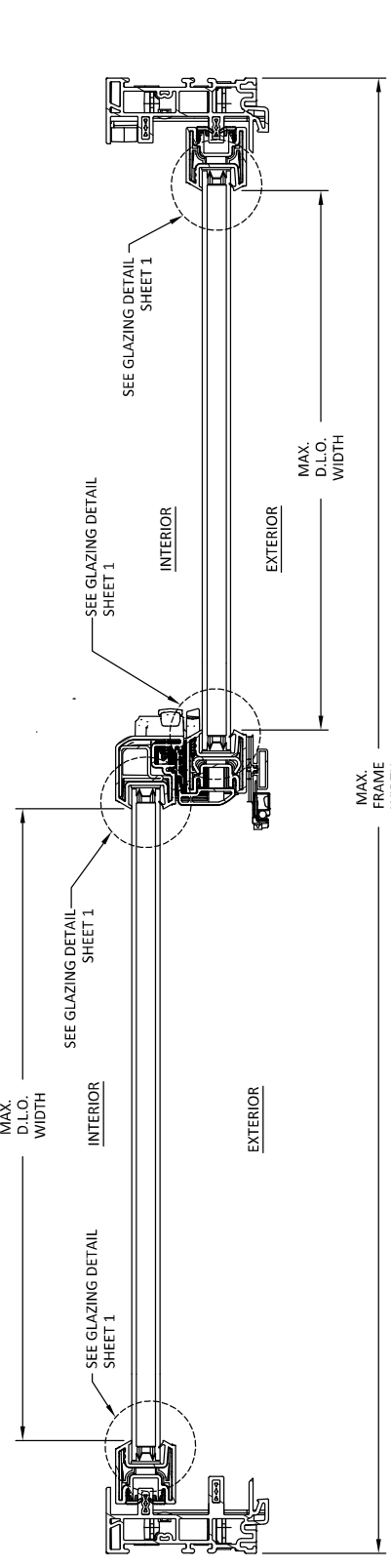
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**DWG. #:** AWD243

**SHEET:** 7

OF 9

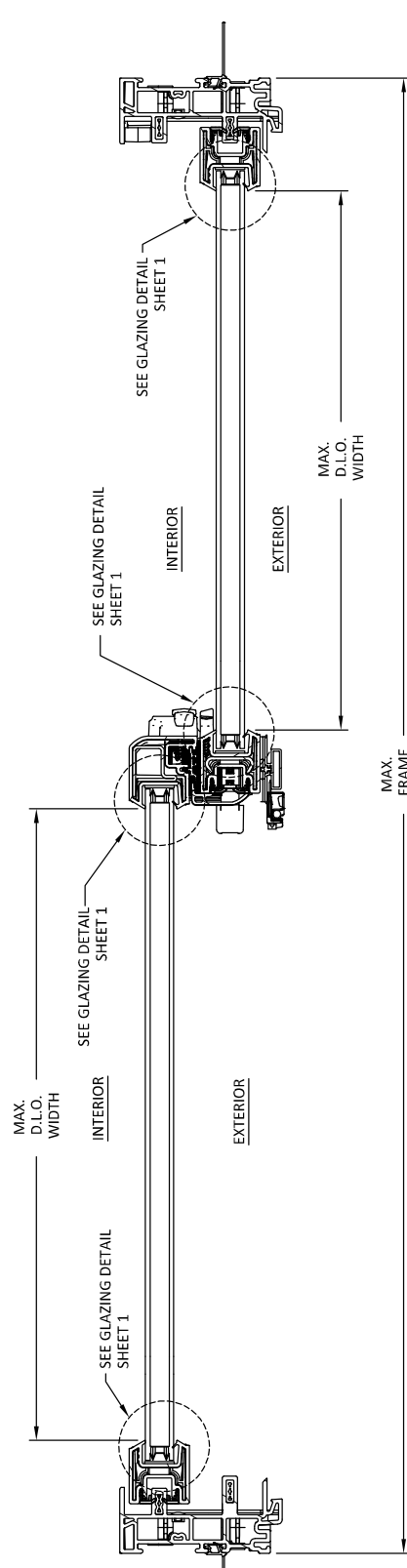
**TITLE:**  
 RENEWAL SERIES GUIDING WINDOW (NON-IMPACT) (NON-HVHZ)  
 HORIZONTAL SECTIONS



**A HORIZONTAL SECTION**  
 THROUGH FRAME AND THROUGH CLIP INSTALLATION

**B HORIZONTAL SECTION**  
 ACTIVE/PASSIVE MEETING STILE

**C HORIZONTAL SECTION**  
 THROUGH FRAME AND THROUGH CLIP INSTALLATION



**D HORIZONTAL SECTION**  
 NAIL FIN INSTALLATION

**E HORIZONTAL SECTION**  
 ACTIVE/STATIONARY MEETING STILE

**F HORIZONTAL SECTION**  
 NAIL FIN INSTALLATION



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 DAYTON, OH 45424-1001  
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**BUILDING DROPS, INC.**  
 398 E. DANNA BEACH BLVD., STE. 338  
 DANNA BEACH, FL 33004  
 PH: (954) 399-8428  
 FAX: (954) 744-4738  
 WWW.BUILDINGDROPS.COM



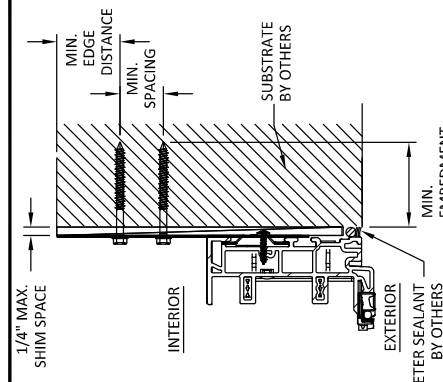
REMARKS	BY	DATE

THE INSTALLATION OF THIS WINDOW OR DOOR IS SUBJECT TO THE GENERAL REQUIREMENTS OF THE NATIONAL WINDOW FILLS ASSOCIATION (NWFA) AND THE WINDOW FILLS ASSOCIATION (WFA) AND THE REQUIREMENTS SET FORTH IN THE NWFA AND WFA DOCUMENTS FOR USE WITH THIS DOCUMENT.

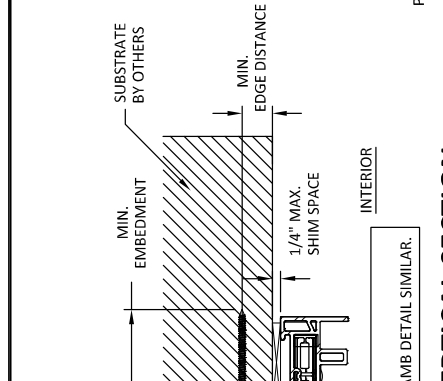
**HERIBERTO MORERO**  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 73778  
 STATE OF FLORIDA  
 398 E. DANNA BEACH BLVD., STE. 338  
 DANNA BEACH, FL 33004  
 PHONE: (954) 399-8428  
 FAX: (954) 744-4738  
 FPE CERT. OF AUTHORIZATION No. 28978

FL #: **FL19563**  
 DATE: **11.07.18**  
 DWG. BY: **RV** CHK. BY: **HFN**  
 SCALE: **NTS**  
 DWG. #: **AWD243**  
 SHEET: **8**

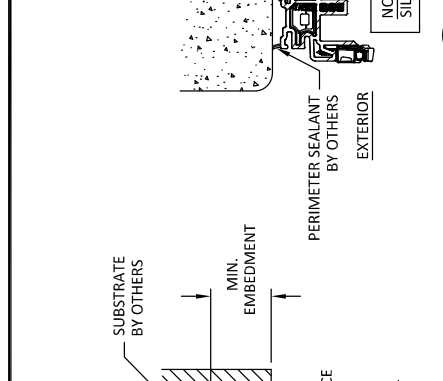
8 OF 9



**A** VERTICAL SECTION THROUGH FRAME (HEAD)  
 NOTE: SILL & JAMB DETAIL SIMILAR.



**B** VERTICAL SECTION NAIL FIN (HEAD)  
 NOTE: SILL & JAMB DETAIL SIMILAR.



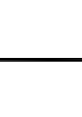
**C** HORIZONTAL SECTION THROUGH CLIP (JAMB)  
 NOTE: HEAD & SILL DETAIL SIMILAR.

SIZE	REINFORCEMENT REQUIREMENTS
UNIT HEIGHT $\geq$ 54"	REQUIRES STEEL REINFORCEMENT IN ACTIVE AND PASSIVE OR STATIONARY SASH MEETING STILES
UNIT HEIGHT $<$ 54"	NOT REQUIRED

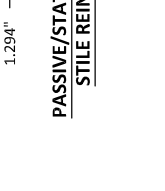
INSTALLATION CLIP ANCHOR REQUIREMENTS:  
 WOOD SUBSTRATE: USE TWO #8 PAN HEAD WOOD SCREWS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.  
 METAL SUBSTRATE: USE TWO #8 HWH SMS ANCHORS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.  
 CONCRETE/MASONRY: USE TWO 3/8" ITW TAPCON 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.



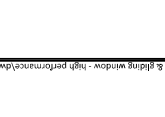
ACTIVE SASH MEETING STILE REINFORCEMENT DETAIL



PASSIVE/STATIONARY SASH MEETING STILE REINFORCEMENT DETAIL



INSTALLATION CLIP DETAIL



JAMB SHIM



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 DAYTON, OH 45424-1099  
 PH: (615) 284-5150 FAX: (615) 284-5485

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 DANIA BEACH, FL 33004  
 PH: (954) 399-8478  
 FAX: (954) 444-4738  
 WWW.BUILDINGDROPS.COM



PREPARED BY:  
**BUILDING DROPS, INC.**  
 ANCHOR SCHEDULE &  
 INSTALLATION NOTES &  
 WINDOW (NON-IMPACT)  
 (NON-HVHZ)

TITLE:

REMARKS

BY DATE

THE INSTALLATION OF THIS PRODUCT WHEREVER ARE GENERAL REQUIREMENTS FROM THE REQUIREMENTS SPECIFIED HEREIN, A LICENSED PROFESSIONAL ENGINEER MUST BE CONSULTED FOR THE APPROPRIATE DOCUMENTS FOR USE WITH THIS DOCUMENT.

HERIBERTO J. MORENO, P.E.  
 FLORIDA P.E. NO. 73778  
 398 E. DANIA BEACH BLVD., STE. 338  
 DANIA BEACH, FL 33004  
 FBPE CERT. OF AUTHORIZATION No. 28978

FL #:

DATE: 11.07.18

DWG. BY: RV

CHK. BY: HFN

SCALE: NTS

DWG. #: AWD243

SHEET:

**INSTALLATION NOTES:**

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION, UNLESS OTHERWISE SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF +/- 1/4 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.

**ANCHOR SCHEDULE**

METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55 METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
THROUGH FRAME & THROUGH CLIP	CONCRETE: MIN. f'c=3000PSI MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLATHEAD	3 THREADS MIN PENETRATION BEYOND METAL 1.25"	0.5"
NAIL FIN & THROUGH CLIP	WOOD: MIN. SG = 0.55 METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 WOOD SCREW FLAT HEAD	1"	2.5
			1.5"	0.75"
			3 THREADS MIN PENETRATION BEYOND METAL	0.5"