



Order Summary

dba: RENEWAL BY ANDERSEN OF FLORIDA

Legal Name: JLM Windows, LLC | License # CGC1527613
997 West Kennedy Blvd. Suite A1 | Orlando, FL 32810
Phone: 904-267-1270 | Fax: 407-386-8262 | concierge@rbafia.com
Measure Tech: Nathan Henry,

Nancy Turner
123 Nw November Ct
Lake City, FL 32055
H: (575)443-3371
C: (575)443-3371

ID#	ROOM	SIZE		DETAILS
JOB				
102	bed 1	72"	59"	Window: , Gliding, Double, 1:1, Active / Passive, Base Frame, Exterior White, Interior White Performance Calculator: , PG Rating: 30 DP Rating: + 30 / - 30 Glass: , All Sash: High Performance SmartSun Glass, No Pattern Hardware: , White, Standard Color Extra Lock Screen: , Fiberglass, Full Screen Grille Style: , Grilles Between Glass (GBG) Grille Pattern: , All Sash: Colonial 2w x 1h Misc: , Misc project, Simulated checkrail added Construction: , None Material: , F-Trim, (12 ft), White , (3), Caulk - White Exterior , (1), Interior Caulk- White (1), #10 X 3.5" Deck Screws (Wood Frame) (0.25), 1/16 Flat Shims (1), 1/32 Flat Shims (1), Flashing Tape (0.5), Foam: Low Expansion Polyurethane (1), Glider Clips (8)
		70-3/8"	58"	
		0"	0"	Misc: , Misc, Small jobs, Small job Permit, Quantity 1, 3 windows or less Construction: , None Material: , None

PRODUCTS: 2 WINDOWS: 1 PATIO DOORS: 0 ENTRY DOORS: 0 SPECIALTY: 0 MISC: 1

Updated 10/16/23

JOB NOTES

In house 1 day
Hardy cedar exterior
Wood stool
Drywall return
Plantation shutters present but shouldn't interfere with install
Fasteners are hidden by caulk if you need to remove them. You shouldn't have to remove them
Estimated Duration: 1 days



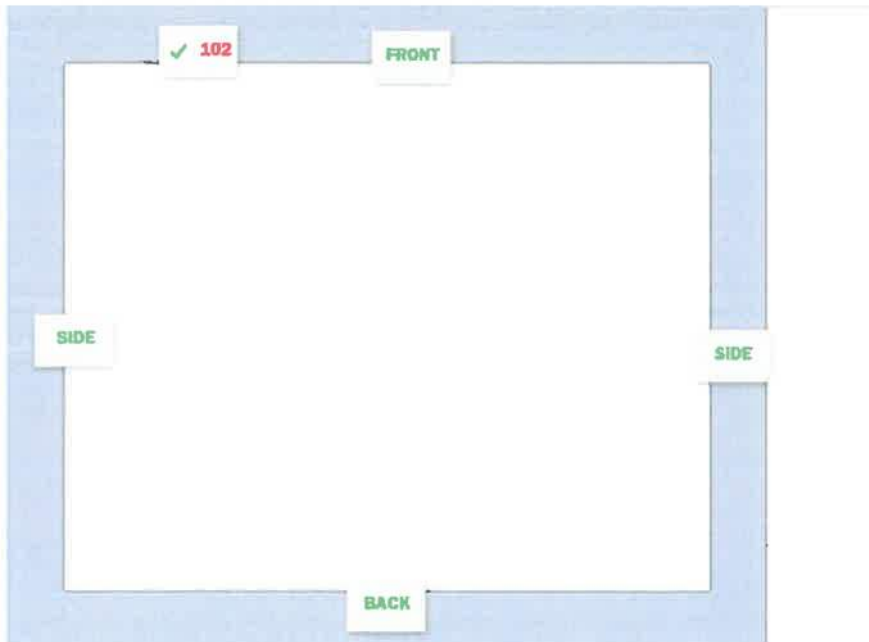
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FLOORPLAN - 1ST FLOOR



UNIT NOTES

3 windows or less

102 Hardy cedar exterior
Wood stool
Drywall return

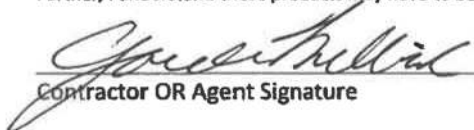
JOB PHOTOS

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER	Anderson	Gliding Double	FL19563.1
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

 10-20-23
Contractor OR Agent Signature Date

NOTES: _____

Business & Professional Regulation



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Product Approval
User: Public User

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

FL #	FL19563-R4						
Application Type	Affirmation						
Code Version	2020						
Application Status	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							
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 Evaluation Report - Hardcopy Received						
Florida Engineer or Architect Name who developed the Evaluation Report	Hermes F. Norero, R.E.						
Florida License	PE-73778						
Quality Assurance Entity	Window and Door Manufacturers Association-QA						
Quality Assurance Contract Expiration Date	12/16/2030						
Validated By	Locke Bowden P.E. Validation Checklist - Hardcopy Received						
Certificate of Independence	FL19563_R4_COI_COI Andersen_SS 2015-08-31.pdf						
Referenced Standard and Year (of Standard)	<table border="0"> <tr> <td>Standard</td> <td>Year</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/1.5.2/A440</td> <td>2008</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/1.5.2/A440</td> <td>2011</td> </tr> </table>	Standard	Year	AAMA/WDMA/CSA 101/1.5.2/A440	2008	AAMA/WDMA/CSA 101/1.5.2/A440	2011
Standard	Year						
AAMA/WDMA/CSA 101/1.5.2/A440	2008						
AAMA/WDMA/CSA 101/1.5.2/A440	2011						
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

Product Approval Method

Method 1 Option D

Date Submitted

08/04/2020

Date Validated

08/04/2020

Date Pending FBC Approval

Date Approved

08/10/2020

Summary of Products

FL #	Model, Number or Name	Description
19563.1	Renewal Series	Renewal Glider Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Others: See Installation Instructions, AWD243, and Evaluation Report, PER5898, for sizes, design pressures, and installation requirements.		Installation Instructions FL19563_R4_IL_AWD243_SS 2018-12-17.pdf Verified By: Hermes F. Norero, P.E. FL PE No. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19563_R4_AE_PER5898_SS 2018-12-16.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee, FL 32399 Phone: 650-487-1824

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Product Approval Accepts:



Credit Card
Safe



ANDERSEN CORPORATION

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

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING ANY AND ALL REVISIONS THEREAFTER. THE FOLLOWING NOTES ARE REQUIRED TO BE EVALUATED ACCORDING TO THE FOLLOWING:
 - * AIAA/VTMA/CSA 307/1.2/1446-08/11
2. ASSESSMENT OF THE EXISTING STRUCTURAL CONDITIONS, INCLUDING THE FOUNDATION, AND THE REMAINING STRUCTURAL MEMBERS, SHALL BE THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT. THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT FOR THE PRODUCT OF INSTALLATION.
3. SIX AND SIX GLAZING (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. SUCH DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OR INSTALLATION.
4. DISTAL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF 2/4 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.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CALL FOR INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAIL HEREIN, ALL CHANGES MUST BE APPROVED BY THE ARCHITECT. CHANGES FOR USE WITH THE PRODUCT IN NON-HVHZ AREAS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: FIBER & PVC.
8. IN ACCORDANCE WITH THE CURRENT EDITION FBC, WINDOW COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF DURABLE SPICES AS DEFINED IN CHAPTER 24.
9. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1360 CLASS C-100. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN PRESSURE RATING

SIZE	CONFIGURATION	DESIGN PRESSURE	SAFETY WIDTH RATIO
72" X 60"	20	+4.0 / -4.0 PSF	1.4
60" X 60"	20	+4.0 / -4.0 PSF	1.4
60" X 72"	20	+4.0 / -4.0 PSF	1.4
100" X 60"	20	+4.0 / -4.0 PSF	1.4
100" X 72"	20	+4.0 / -4.0 PSF	1.4
50" X 60"	20	+4.0 / -4.0 PSF	1.4
74" X 60"	20	+4.0 / -4.0 PSF	1.4
74" X 72"	20	+4.0 / -4.0 PSF	1.4
48" X 60"	20	+4.0 / -4.0 PSF	1.4
72" X 60"	20	+4.0 / -4.0 PSF	1.4
60" X 60"	20	+4.0 / -4.0 PSF	1.4
60" X 72"	20	+4.0 / -4.0 PSF	1.4
144" X 60"	20X	+4.0 / -4.0 PSF	1.4
144" X 72"	20X	+4.0 / -4.0 PSF	1.4
144" X 60"	20X	+4.0 / -4.0 PSF	1.4
60" X 60"	20X	+4.0 / -4.0 PSF	1.4

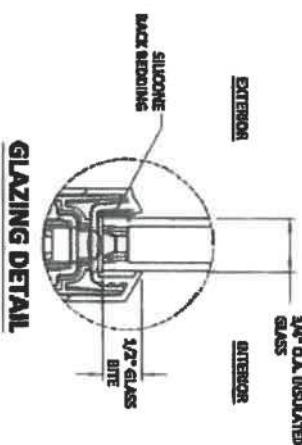
DESIGN PRESSURE RATING

SIZE	CONFIGURATION	DESIGN PRESSURE	SAFETY WIDTH RATIO
50" X 60"	20	+4.0 / -4.0 PSF	1.4
48" X 60"	20	+4.0 / -4.0 PSF	1.4
60" X 60"	20	+4.0 / -4.0 PSF	1.4
74" X 72"	20	+4.0 / -4.0 PSF	1.4
74" X 60"	20	+4.0 / -4.0 PSF	1.4
100" X 72"	20X	+4.0 / -4.0 PSF	1.4
100" X 60"	20X	+4.0 / -4.0 PSF	1.4
144" X 72"	20X	+4.0 / -4.0 PSF	1.4
144" X 60"	20X	+4.0 / -4.0 PSF	1.4
100" X 60"	20X	+4.0 / -4.0 PSF	1.4

NOTE: SEE FRAME DESCRIPTIONS ON SHEET 6 & 8

- NOTES:
1. OF UPGRADE PRODUCT POSITIVE RATING IS DRIVEN BY STRUCTURAL ONLY, WATER IS NOT INCLUDED.
 2. THROUGH FRAME ONLY, EXCEPT ON SILL WHERE FRAME CLIPS MUST BE USED.

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



- GLAZING NOTES:
1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1360 REQUIREMENTS AS WELL AS APPROPRIATE SAFETY GLAZING REQUIREMENTS FOR THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 2. SETTING BLOCK DIMENSIONAL TOLERANCES OF 70-90 (SHOWN AS REQUIRED) IN FBC CHAPTER 24.
 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS.
 4. WINDS SHALL BE 50' AS PER FBC CHAPTER 24.
 5. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES ON SHEET 1.

DATE: 11.07.18

SCALE: NTS

BY: HFN

CHK: HFN

AWD243

1

OF 9

FL19563

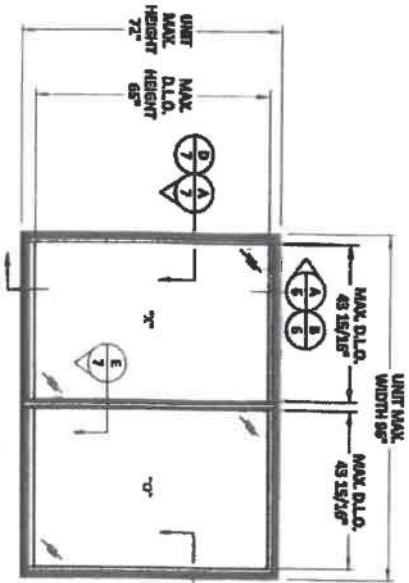
RENEWAL BY ANDERSEN SERIES GLIDER WINDOW (NON-IMPACT) (NON-HVHZ)

GENERAL NOTES & GLAZING DETAIL

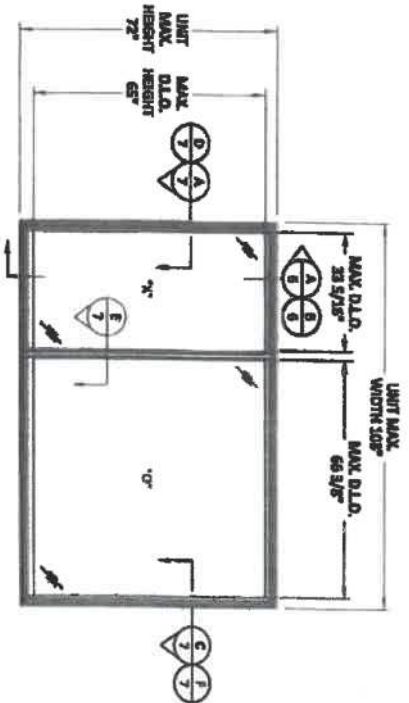
PREPARED BY: BUILDING DROPS, INC.

10000 N. 15th Ave., Suite 100, Fort Lauderdale, FL 33304

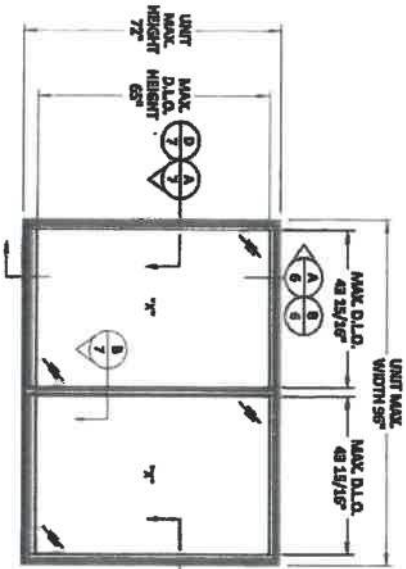
TEL: 954.344.4444 FAX: 954.344.4444



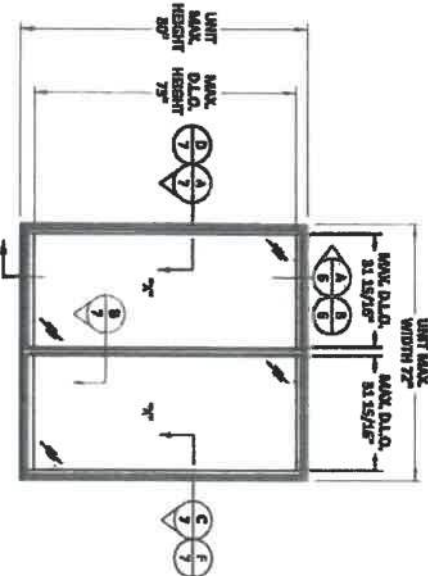
ELEVATION
96" X 72" XO UNIT
2:1 SASH RATIO



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



ELEVATION
96" X 72" XO UNIT
2:1 SASH RATIO



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

NOTE:
ALTERNATE MEETING STYLE LOCATIONS
MAY BE USED SUCH THAT MAX. DLO
DIMENSIONS SHOWN HEREIN ARE NOT
EXCEEDED. UNUSUAL SASH RATIO NOT
AVAILABLE FOR ACTIVE/ACTIVE DOQ UNITS.



TITLE: RENEWAL SERIES GLIDING WINDOW (NON-IMPACT) (NON-HVHZ) ELEVATIONS

PREPARED BY: BUILDING DROPS, INC.
600 E. PARK ROAD, SUITE 200
SOUTH BEND, IN 46708
800-890-0000
FAX: 574-299-0000
WWW: www.buildingdrops.com

REMARKS	BY	DATE



FL#: FL19563

DATE: 11.07.18

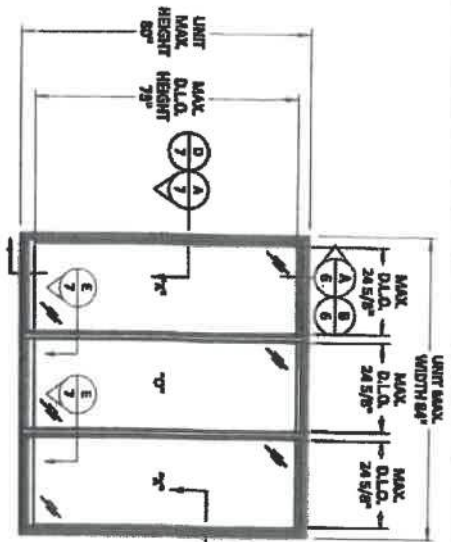
DWG. BY: RV **CHK. BY:** HPN

SCALE: NTS

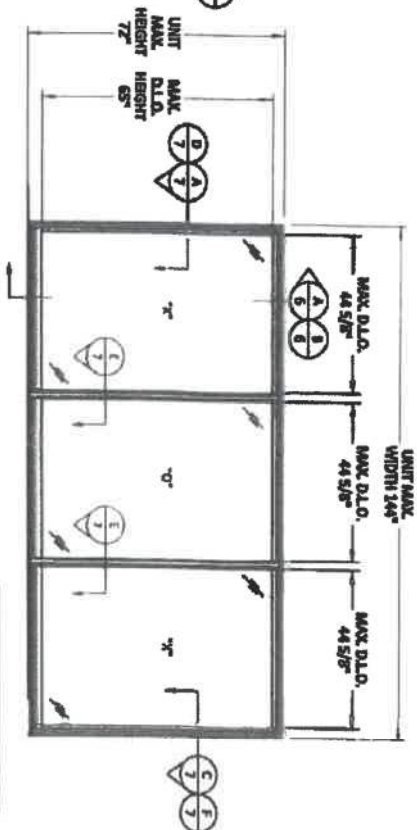
DWG. #: AWD243

SHEET: 2

OF 9

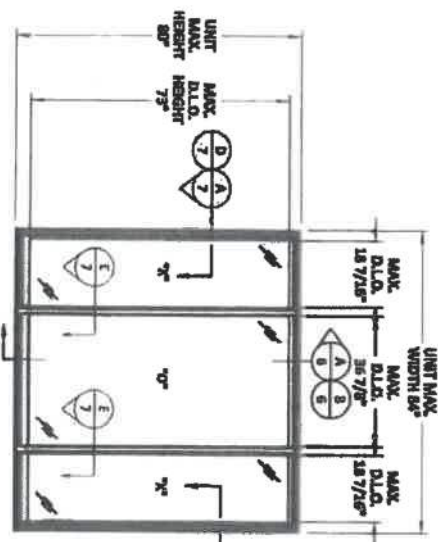


ELEVATION
64' X 80' X100 UNIT
1:1.1 SASH RATIO

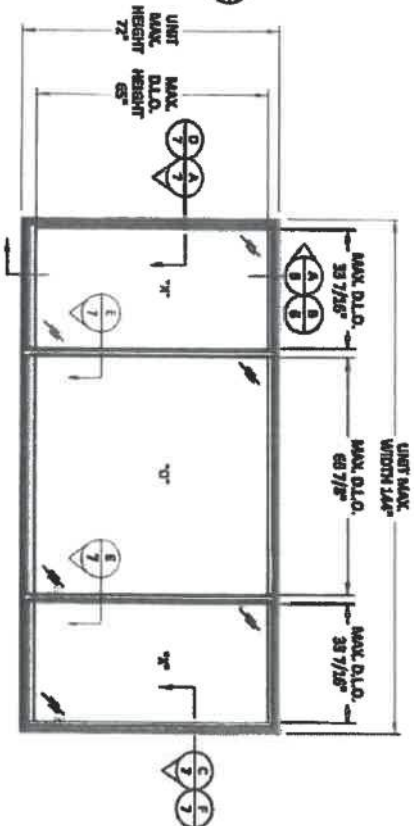


ELEVATION
144' X 72' X100 UNIT
1:1.1 SASH RATIO

NOTES:
ALTERNATE MEETING STYLE
LOCATIONS MAY BE USED SUCH
THAT MAX. DIM. DIMENSIONS
SHOWN HEREIN ARE NOT
EXCEEDED.



ELEVATION
64' X 80' X100 UNIT
1:2.1 SASH RATIO

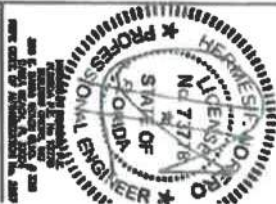


ELEVATION
144' X 72' X100 UNIT
1:2.1 SASH RATIO

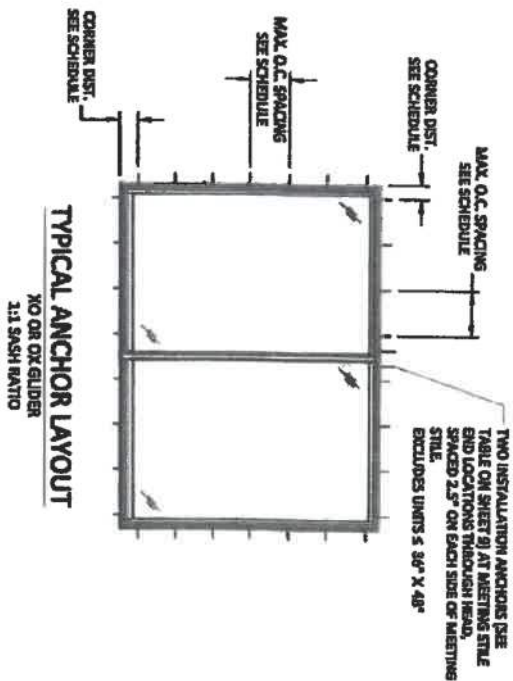


TITLE: RENEWAL SERIES GLIDING WINDOW (NON-IMPACT) (NON-HVHZ)
ELEVATIONS
PREPARED BY: BUILDING DROPS, INC.
200 E. GARDEN STREET, STE. 204
DAVENPORT, FL 33604
PH: (813) 944-4400
FAX: (813) 944-4401

REMARKS: BY DK

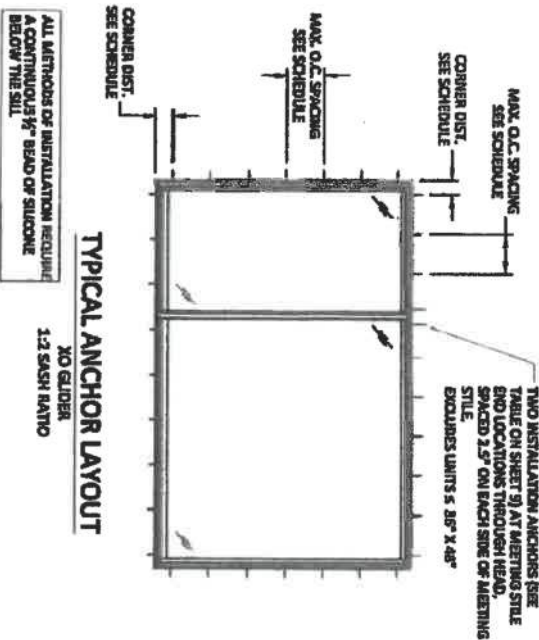


FL#: FL19563
DATE: 11.07.18
CHK. BY: RV HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 3
OF 9



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 3/4\"/>

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)
"XO" OR "OX" GLIDER 1:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	15.25	15.25	16
	THROUGH FRAME	5.5	10.25	SEE NOTES	15.25
	NAIL FIN	3.5	3.5	3.5	3.5
"XO" OR "OX" GLIDER 1:2 SASH RATIO	INSTALLATION CLIP	5.5	15	15	16
	THROUGH FRAME	5.5	11.25	SEE NOTES	17.25

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)
OX & OX GLIDER 40" X 40"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	8	9	9
OX & OX GLIDER 55" X 48"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
OX & OX GLIDER 74" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
OX & OX GLIDER 74" X 74"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	12.5	12.5	12.5
OX & OX GLIDER 88" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	15.25	15.25	15.25

INSTALLATION NOTES:

- FOR THROUGH FRAME INSTALLATIONS, INSTALLATION CLIPS MUST BE USED AT THE SILL IN LIEU OF FASTENERS THROUGH FRAME. SPACING IN ACCORDANCE WITH THE INSTALLATION CLIP SPACING REQUIREMENTS LISTED IN THE ABOVE TABLE.
- FOR CUSTOM SASH RATIOS, USE WIDEST CASE ANCHOR SPACING BETWEEN EQUAL SASH AND 1/2 ON 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 1/4\"/>

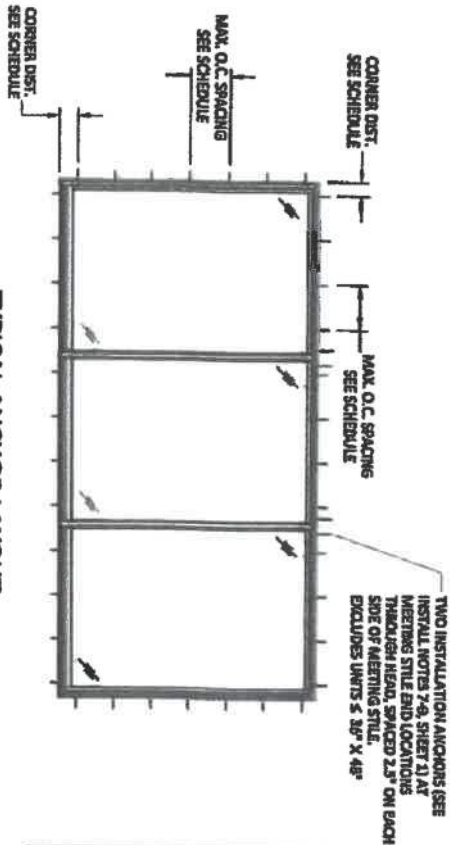
Andersen
WINDOW DIVISION
2000 RICHMOND AVE. NORTH, SUITE 200
ANN ARBOR, MI 48106-3000
PH: 810.224.6000 FAX: 810.224.6000

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

PREPARED BY:
BUILDING DROPS, INC.
100 E. GERRARD STREET, SUITE 200
ANN ARBOR, MI 48106-3000
PH: 810.224.6000 FAX: 810.224.6000

FL 19563
DATE: 11.07.18
DRAWN BY: RV
CHECKED BY: HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 4

Professional Engineer
STATE OF FLORIDA
No. 71776
HERBERT A. PROFFER



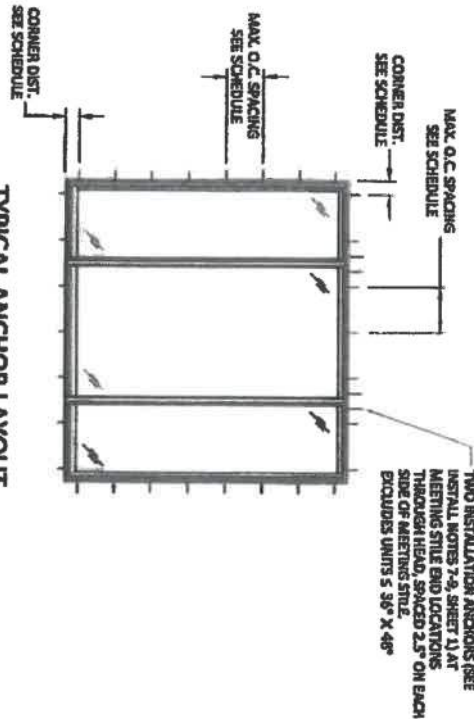
TYPICAL ANCHOR LAYOUT

XOX GLIDER
1:2:1 SASH RATIO

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 1:2:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	14.5	14.5	16
	THROUGH FRAME	5.5	10.875	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
	THROUGH FRAME	5.5	10.5	SEE NOTES	22

INSTALLATION NOTES:

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



TYPICAL ANCHOR LAYOUT

XOX GLIDER
1:2:1 SASH RATIO

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 1:2:1 & 1:2:1 120" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XOX GLIDER 1:2:1 & 1:2:1 108" X 72"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5
XOX GLIDER 1:2:1 & 1:2:1 108" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5
	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	10.5	10.5

INSTALLATION NOTES:

- DP UPGRADE PRODUCTS WHEN ANCHORS WITH A 1/4" ZAPCON MUST BE USED BETWEEN THE FRAME AND THE 3/4" INCH STIM STACK. JAMBS SHALL NOT BE REQUIRED WHEN USING JAMB CLIP FOR SILL FASTENING.

ALL METHODS OF INSTALLATION REQUIRE A CONTINUOUS 3/4" BEAD OF SILICONE BELOW THE SILL

FOR FURTHER INFORMATION
CONTACT: 800-800-8000
7611 1st Ave. S.W. • Seattle, WA 98148-3400

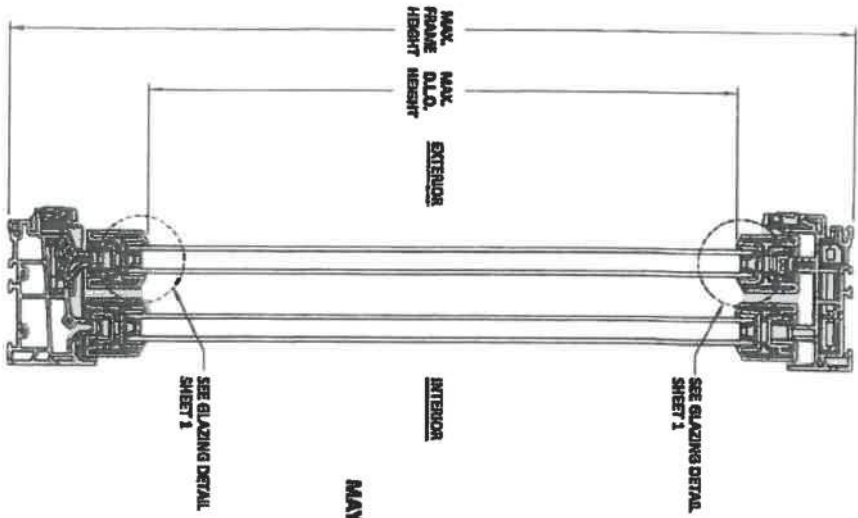
DATE: 11.07.18
DWG. BY: RV
SCALE: NTS
DWG. #: AWD243
SHEET: 5

FL19563

PREPARED BY:
BUILDING DROPS, INC.
200 E. DUNDY AVE. SUITE 200
DENVER, CO 80202-3000
TEL: 303.733.4444 FAX: 303.733.4444

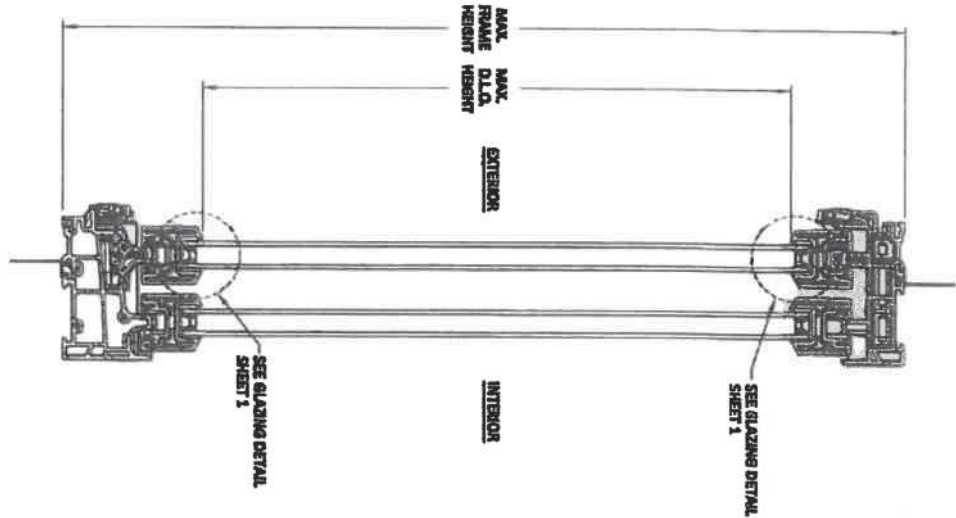
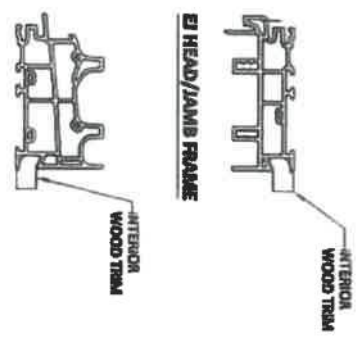
TITLE: RENEWAL SERIES GLIDING WINDOW (NON-IMPACT) (NON-RVHD) ANCHOR LAYOUTS

REVISIONS: BY: DATE:



A VERTICAL SECTION
6 THROUGH FRAME AND THROUGH GLP INSTALLATION

ALTERNATE EI FRAME
MAY BE USED AS EQUAL ALTERNATE FRAME TYPE



B VERTICAL SECTION
6 MAX. FIN INSTALLATION
NAIL FIN/FLANGE IS REVERSIBLE. SEE ORIENTATION DIFFERENCE BETWEEN HEAD AND SILL.

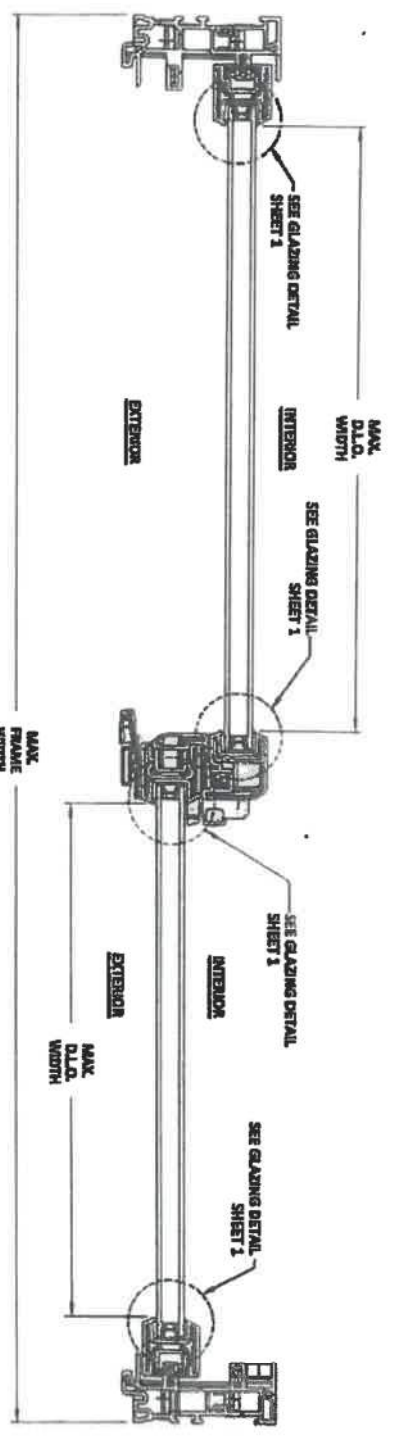


TITLE: RENEWAL SERIES GLIDING WINDOW (NON-IMPACT) (NON-HVHZ)
VERTICAL SECTIONS
PREPARED BY: BUILDING DROPS, INC.
200 S. DUNDAS STREET, STE. 100
CHICAGO, IL 60604
TEL: (312) 464-1100
FAX: (312) 464-1101
WWW: www.buildingdrops.com

REMARKS	BY	DATE



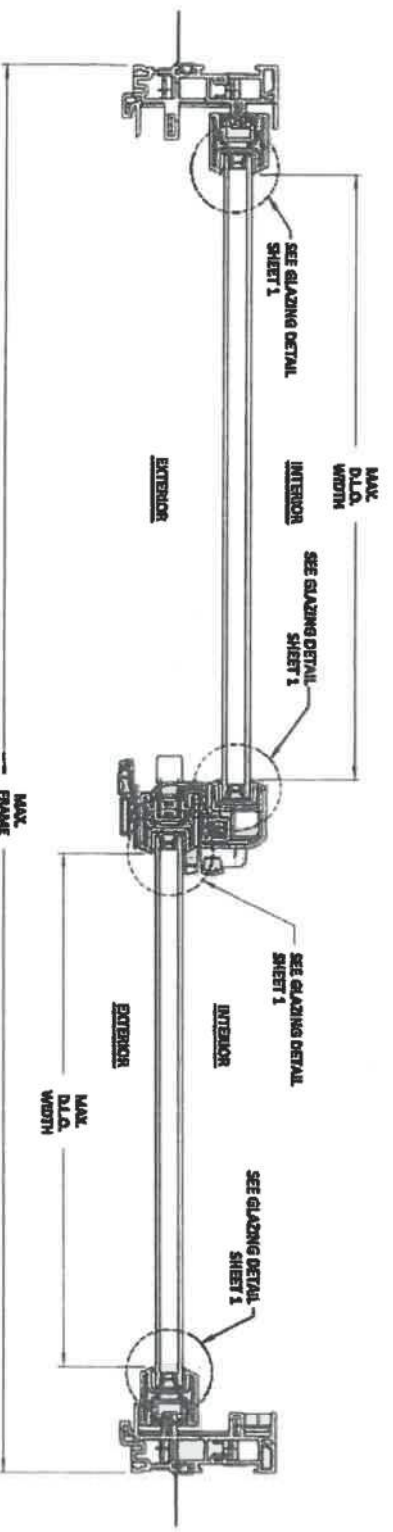
FL # FL19563
DATE: 11.07.18
DWG. BY: RV
CHK. BY: HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 6



A
7 HORIZONTAL SECTION
THROUGH FRAME AND THROUGH CLIP INSTALLATION

B
7 HORIZONTAL SECTION
ACTIVE/PASSIVE WEATHER STILE

C
7 HORIZONTAL SECTION
THROUGH FRAME AND THROUGH CLIP INSTALLATION



D
7 HORIZONTAL SECTION
NAIL PIN INSTALLATION

E
7 HORIZONTAL SECTION
ACTIVE/STATIONARY WEATHER STILE

F
7 HORIZONTAL SECTION
NAIL PIN INSTALLATION



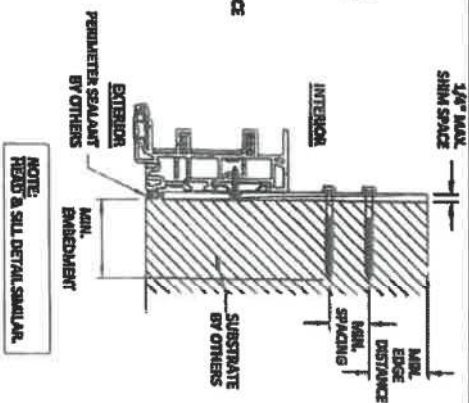
300 S. DOWA BEACH ROAD, STE. 200
DOWA BEACH, FL 33526
PH: 800-441-4444
FAX: 800-441-4444

TITLE: RENEWAL SERIES GLIDING WINDOW (NON-IMPACT) (NON-HVHZ)
HORIZONTAL SECTIONS
PREPARED BY: BUILDING DROPS, INC.
300 S. DOWA BEACH ROAD, STE. 200
DOWA BEACH, FL 33526
PH: 800-441-4444
FAX: 800-441-4444

REMARKS: BY: DA

FL. R. FL19563
DATE: 11.07.18
DWG. BY: CJK, GH
RV: HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 7

OF 9



HORIZONTAL SECTION



PASSIVE/STATIONARY JASH MEETING
STILE REINFORCEMENT DETAIL

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

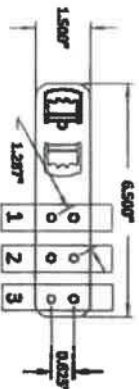
INSTALLATION CLIP ANCHOR REQUIREMENTS:

WOOD SUBSTRATE: USE TWO 85 PAN HEAD WOOD SCREWS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

METAL SUBSTRATE: USE TWO (2) 3/8" DIA. ANCHORS PER CLIP, IN ROW NUMBER ONE OF PIERCE/ALLOY HOLES SHOWN BELOW.

CONCRETE/MASONRY: USE TWO $\frac{1}{2}$ " TYP 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 CLP.

DO NOT INSTALL ANCHORS THROUGH ROW NUMBER THREE



INSTALLATION CLIP DETAIL

Andersen

AW

SUN HOUTWY AND ASSOCIATES
REPORTING, INC. 800-678-4498
P.O. BOX 10 2004-152D FPO SAN JOSE CA 95144-0010

TITLE: RENEWAL SERIES GLIDING
WINDOW (NON-IMPACT)
(NON-HVHZ)
ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.
205 S. GAYN WINDY ROAD, SUITE 200
GAYN HILLS, AL 36530
PH: (205) 880-0400
FAX: (205) 880-4700

REMARKS:

BY	DA
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JAMES S. O'NEIL
 LICENSE NO. 7378
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

FL#:	FL19563	
DATE:	11.07.18	
DWG. BY:	RV	CHK. BY: HFN
SCALE:	NTS	
DWG. #: DWG. BY:	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 MINIMUM INSTALLATION ANCHORS WITHIN A TOLERANCE OF 24/4 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (U.S. 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 1/25 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BLOCK 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 THE 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. D6 = 0.50	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
THROUGH FRAME	METAL: 18 GAUGE Steel, MIN. Fy = 33000	#10 TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"
THROUGH FRAME & THROUGH CLIP	CONCRETE: MIN. (Fy=6000) PSI MASONRY: CHALK PER ASTM C910 MIN. 2000 PSI	3/16" TW TAPCON FLAT HEAD 3/16" TW TAPCON FLAT HEAD	1.25" 1"	2.25"
NAIL, FIN & THROUGH CLIP	WOOD: MIN. D6 = 0.50 METAL: 18 GAUGE Steel, MIN. Fy = 33000	#8 WOOD SCREW FLAT HEAD #8 TEK SCREW FLAT HEAD	1.5" 3 THREADS MIN PENETRATION BEYOND METAL	0.75" 0.5"



2001 ROUTE 100, NORTH
ANDERSON, MI 48106-0001
PH: 313 964-4139 FAX: 313 964-4138

TITLE: RENEWAL SERIES GUIDING
WINDOW (NON-IMPACT)
(NON-HVHZ)
INSTALLATION NOTES &
ANCHOR SCHEDULE

PREPARED BY: BUILDING DROPS, INC.
2001 ROUTE 100, NORTH
ANDERSON, MI 48106-0001
PH: 313 964-4139 FAX: 313 964-4138



REMARKS: BY DATE



FL# FL19563

DATE: 11.07.18

DWG. BY: RV CHK. BY: HFN

SCALE: NTS

DWG. #: AWD243

SHEET: