

## PRODUCT APPROVAL SPECIFICATION SHEET

Location: 10219 S. US Highway 441 Lake City, FL 32025 Project Name: Shaun Pierce

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll Up			
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
1. Single Hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung	Andersen	Double Hung	FL27970.1
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain Walls			
6. Wall Louver			
7. Glass Block			
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Roof			
5. Built-up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing System			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood Shingles/Shakes			
12. Roofing Slate			
13. Liquid A Roof System			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			



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**Product Approval**  
USER: Public User

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



<b>FL #</b>	FL27970-R4										
<b>Application Type</b>	Affirmation										
<b>Code Version</b>	2023										
<b>Application Status</b>	Approved										
<b>Comments</b>											
Archived											
<b>Product Manufacturer</b>	Andersen Corporation										
<b>Address/Phone/Email</b>	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 alan.barstad@AndersenCorp.com										
<b>Authorized Signature</b>	Alan Barstad alan.barstad@AndersenCorp.com										
<b>Technical Representative</b>											
<b>Address/Phone/Email</b>											
<b>Quality Assurance Representative</b>	Alan Barstad										
<b>Address/Phone/Email</b>	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 abarstad@andersencorp.com										
<b>Category</b>	Windows										
<b>Subcategory</b>	Double Hung										
<b>Compliance Method</b>	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer : Evaluation Report - Hardcopy Received										
<b>Florida Engineer or Architect Name who developed the Evaluation Report</b>	Hermes F. Norero, P.E.										
<b>Florida License</b>	PE-73778										
<b>Quality Assurance Entity</b>	Window and Door Manufacturers Association-QA										
<b>Quality Assurance Contract Expiration Date</b>	12/16/2030										
<b>Validated By</b>	Zachary R. Priest, P.E. Validation Checklist - Hardcopy Received										
<b>Certificate of Independence</b>	<a href="#">FL27970_R4_COI_COI Andersen SS 2015-08-31.pdf</a>										
<b>Referenced Standard and Year (of Standard)</b>	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2011</td> </tr> <tr> <td>TAS 201</td> <td>1994</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	AAMA/WDMA/CSA 101/I.S.2/A440	2011	TAS 201	1994	TAS 202	1994	TAS 203	1994
<u>Standard</u>	<u>Year</u>										
AAMA/WDMA/CSA 101/I.S.2/A440	2011										
TAS 201	1994										
TAS 202	1994										
TAS 203	1994										
<b>Equivalence of Product Standards Certified By</b>											

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

[FL27970 R4 COC SA27970 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 08/09/2023

**Summary of Products**

FL #	Model, Number or Name	Description
27970.1	Renewal by Andersen DG Series Double Hung Window (Non-Impact) (Non-HVHZ)	Renewal by Andersen DG Series Double Hung Window (Non-Impact) (Non-HVHZ)
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use.		<b>Installation Instructions</b> <a href="#">FL27970 R4 II AWD234 SS 2018-12-16.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="#">FL27970 R4 AE PER5531 SS 2018-08-17.pdf</a> Created by Independent Third Party: Yes
27970.2	Renewal by Andersen Double Hung Window (HVHZ) (Impact)	Renewal by Andersen Double Hung Window (HVHZ) (Impact)
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use.		<b>Installation Instructions</b> <a href="#">FL27970 R4 II AWD291 SS 2021-06-15.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="#">FL27970 R4 AE PER7620 SS 2021-06-15.pdf</a> Created by Independent Third Party: Yes



Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824](#)

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# ANDERSEN CORPORATION

## RENEWAL BY ANDERSEN DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT) (NON-HVHZ)



405 EAST WASHINGTON AVENUE  
ANN ARBOR, MI 48106  
PH: (734) 769-1234 FAX: (734) 769-1235  
WWW.ANDERSEN-CORPORATION.COM

PREPARED BY: BUILDING DROPS, INC.  
326 S. OLIVE BEACH BLVD., STE. 326  
DEER BEACH, FL 33442  
786.952.4242  
WWW.BUILDINGDROPS.COM



GENERAL NOTES & GLAZING DETAIL  
TITLE: DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT)(NON-HVHZ)

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUE FOR PERMIT	01-11-11
2	REVISED PER COMMENTS	01-11-11
3	REVISED PER COMMENTS	01-11-11
4	REVISED PER COMMENTS	01-11-11
5	REVISED PER COMMENTS	01-11-11
6	REVISED PER COMMENTS	01-11-11
7	REVISED PER COMMENTS	01-11-11

THIS WINDOW IS DESIGNED TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:  
• 406M WDM/CSK 107/LS-2/440-08/11

CONCRETE/ANCHOR, 2X FRAMING, AND METAL FRAMING AS A VERTICAL FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING THE UNIFORM APPLIED PRODUCT LOADS TO THE FOUNDATION. 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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF 3/16 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 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PER OR ADR.

6. APPROVED IMPACT PROTECTIVE SYSTEMS IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

7. WINDOW FRAME MATERIAL: FIBREX

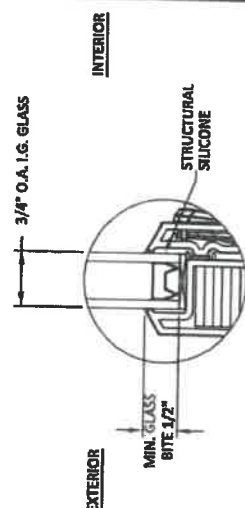
8. IN ACCORDANCE WITH THE CURRENT EDITION FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.

SHEET	REVISION	SHEET DESCRIPTION
1	A	INSTALLATION AND GENERAL NOTES
2	-	ELEVATIONS & ANCHOR LAYOUTS
3	-	ELEVATIONS & ANCHOR LAYOUTS
4	-	VERTICAL SECTIONS
5	-	VERTICAL SECTIONS
6	-	HORIZONTAL SECTIONS
7	-	INSTALLATION NOTES, REINFORCEMENT & ANCHOR DETAILS

SILL TYPE	MAX OVERALL SIZE			MAX D.L.O. SIZE			DESIGN PRESSURE	RATIO	CONFRG.	MISSILE IMPACT RATING
	WIDTH	HEIGHT	DEPTH	UPPER SASH	LOWER SASH	DEPTH				
FLAT OR SLOPE	32.0	76.0	25-15/16	33-3/8	33-3/8	33-3/8	+/-40	1:1	X/X	NON-IMPACT
	40.0	76.0	33-15-16	33-3/8	33-3/8	+/-40				
	48.0	76.0	41-15/16	33-3/8	33-3/8	+/-40				
	54.0	72.0	47-15/16	31-3/8	31-3/8	+/-30				
FLAT OR SLOPE	48.0	96.0	43-15/16	43-3/8	43-3/8	+/-40	3:1	X/X	NON-IMPACT	
	48.0	96.0	41-15/16	65-1/16	21-11/16	+/-40				
	40.0	76.0	33-15/16	50-1/16	16-11/16	+/-40				
	54.0	72.0	47-15/16	47-1/16	15-11/16	+/-40				

SILL TYPE	MAX OVERALL SIZE			MAX D.L.O. SIZE			DESIGN PRESSURE	RATIO	CONFRG.	MISSILE IMPACT RATING
	WIDTH	HEIGHT	DEPTH	UPPER SASH	LOWER SASH	DEPTH				
FLAT OR SLOPE	30.0	66.0	23-15/16	29-3/8	29-3/8	29-3/8	+60/-65	1:1	X/X	NON-IMPACT
	36.0	66.0	29-15/16	29-3/4	29-3/4	+60/-65				
FLAT	40.0	72.0	33-15/16	33-3/8	33-3/8	33-3/8	+60/-65	1:1	X/X	NON-IMPACT
	40.0	75.3	33-15/16	33-2/5	33-2/5	+60/-65				
FLAT	36.0	62.0	29-15/16	26-3/8	26-3/8	26-3/8	+60/-65	1:1	X/X	NON-IMPACT
	36.0	61.3	29-15/16	26-2/5	26-2/5	+60/-65				

NOTES:  
1. DP UPGRADE PRODUCT POSITIVE RATING IS DRIVEN BY STRUCTURAL ONLY. WATER IS NOT INCLUDED.  
2. DP UPGRADE PRODUCT MUST BE INSTALLED THROUGH FRAME ONLY.



GLAZING DETAIL 1

NOTE:  
1. GLASS TYPE THICKNESS SHALL COMPLY WITH ASTM E-1300 GLASS CHART REQUIREMENTS.  
2. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC  
3. SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.  
4. GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.

FL #: FL27970

DATE: 02-22-18

DWG. BY: RV

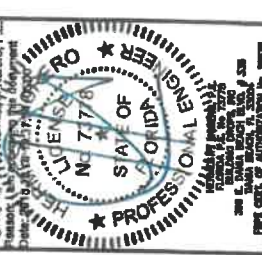
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD234

SHEET: 1

OF 7





300 COUNTRY PLACE NORTH  
WAYTOWN, MINN 55080-3106  
P/R (855) 284-4320 F/R (855) 504-4848  
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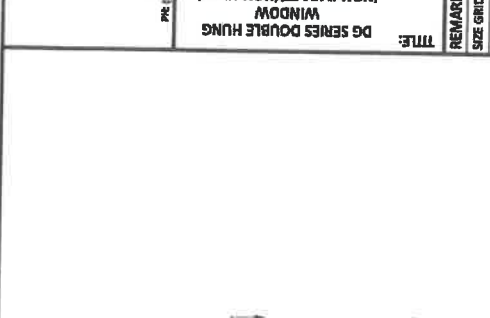
**BUILDING DROPS, INC.**  
ELEVATIONS AND  
ANCHOR LAYOUTS  
DG SERIES DOUBLE HUNG  
WINDOW  
(NON-IMPACT)(NON-HVZ)

PREPARED BY:  
DATE: 02.22.18  
BY: HFN

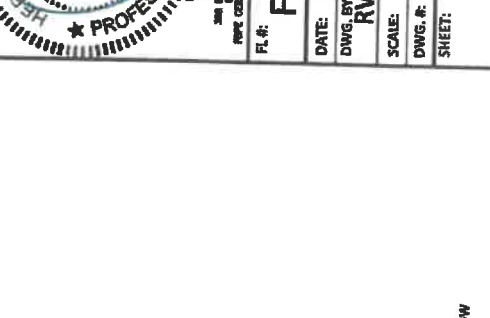


FL #: **FL27970**  
DATE: **02.22.18**  
DWG. BY: **RV** CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **AWD234**  
SHEET: **2**

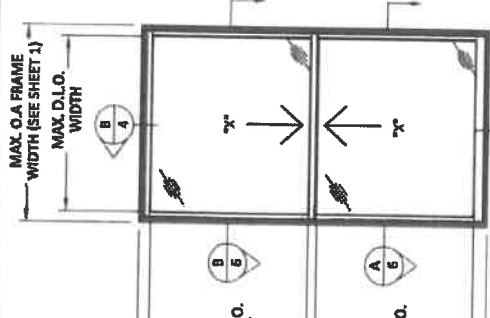
REMARKS:  
SIZE GRID UPDATE: HR 11.3.17



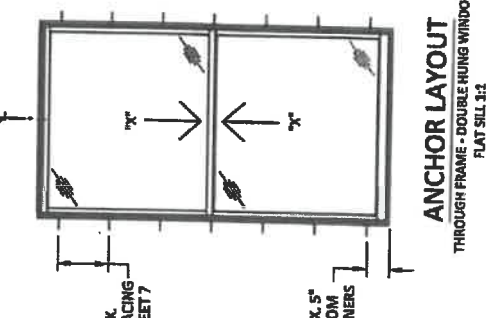
**ELEVATION**  
DOUBLE HUNG WINDOW  
FLAT SILL - 11




**ANCHOR LAYOUT**  
THROUGH FRAME - DOUBLE HUNG WINDOW  
FLAT SILL - 11



**ELEVATION**  
DOUBLE HUNG WINDOW  
SLOPE SILL - 11



**ANCHOR LAYOUT**  
THROUGH FRAME - DOUBLE HUNG WINDOW  
SLOPE SILL - 11



100 COUNTRY CLUB DRIVE  
ANTWERP, NJ 07003-2005  
PH: (609) 264-3350 FAX: (609) 264-8185  
WWW.ANDERSENWINDOWS.COM

PREPARED BY:  
**BUILDING DROPS, INC.**  
380 E. MAINA STREET BLDG. STE. 338  
DUNELA, NJ 07004  
908-685-9478  
WWW.BUILDINGDROPS.COM

TITLE:  
**DG SERIES DOUBLE HUNG WINDOW ELEVATIONS AND ANCHOR LAYOUTS**

BY DATE  
HR 11.7.63



THE STATE BOARD OF PROFESSIONAL ENGINEERS AND SURVEYORS HAS GRANTED THE STATUS OF REGISTERED PROFESSIONAL ENGINEER TO THE ABOVE NAMED INDIVIDUAL FOR THE STATE OF NEW JERSEY. THIS REGISTRATION IS VALID FOR THE TERM OF TWO YEARS FROM THE DATE OF EXPIRATION OF HIS PREVIOUS REGISTRATION. A LICENSE TO PRACTICE AS A REGISTERED PROFESSIONAL ENGINEER IN ANY OTHER STATE OR COUNTRY IS NOT AUTHORIZED BY THIS REGISTRATION. THE ENGINEER'S LIABILITY IS LIMITED TO THE SCOPE OF THE PROJECT AND THE DATE OF THE DOCUMENT FOR WHICH THIS DOCUMENT IS PREPARED.

FL.#: **FL27970**

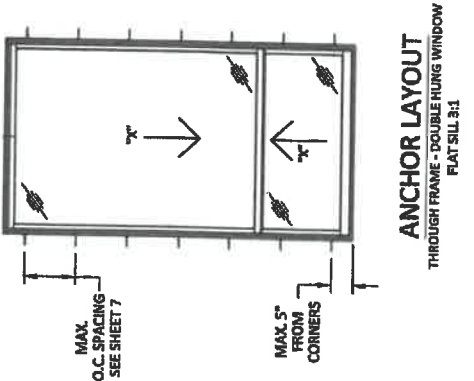
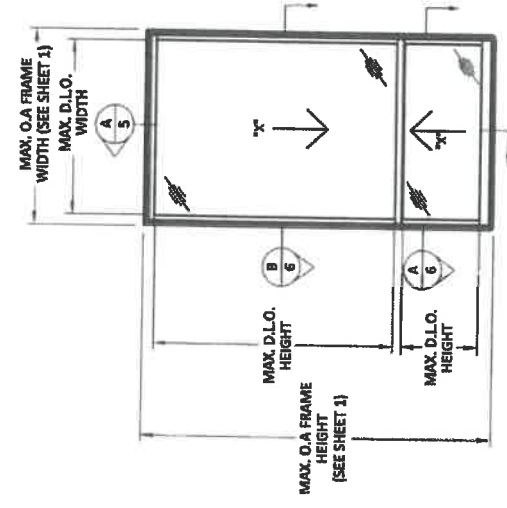
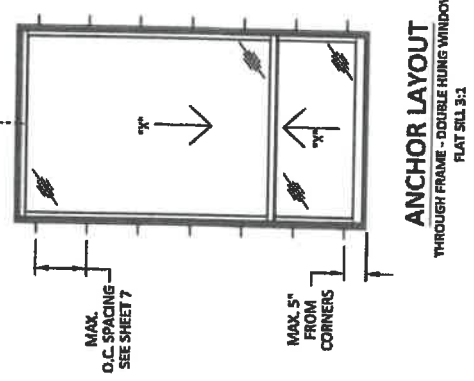
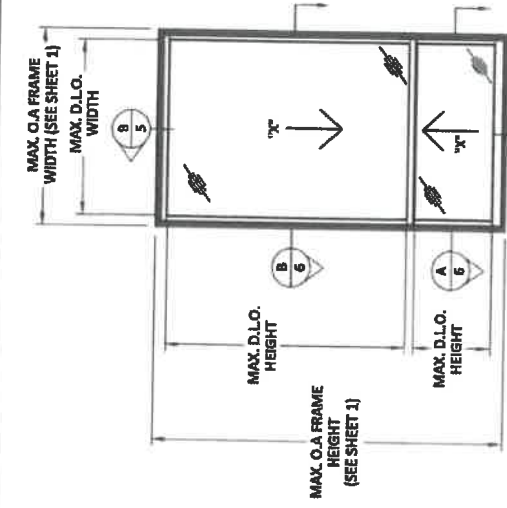
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DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AWD234**

SHEET: **3**





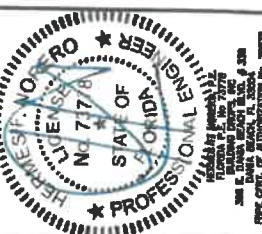
100 COUNTRY AVE. MONROE  
BAYPORT, NH 03062-2056  
PH: (603) 264-5199 FAX: (603) 264-5485  
WWW.WWW.AW.COM

PREPARED BY:  
BUILDING DROPS, INC.  
308 E. DANA ROAD, RINDO, ST. 838  
RINDO, CA 94968-4478  
WWW.WWW.BUILDINGDROPS.COM



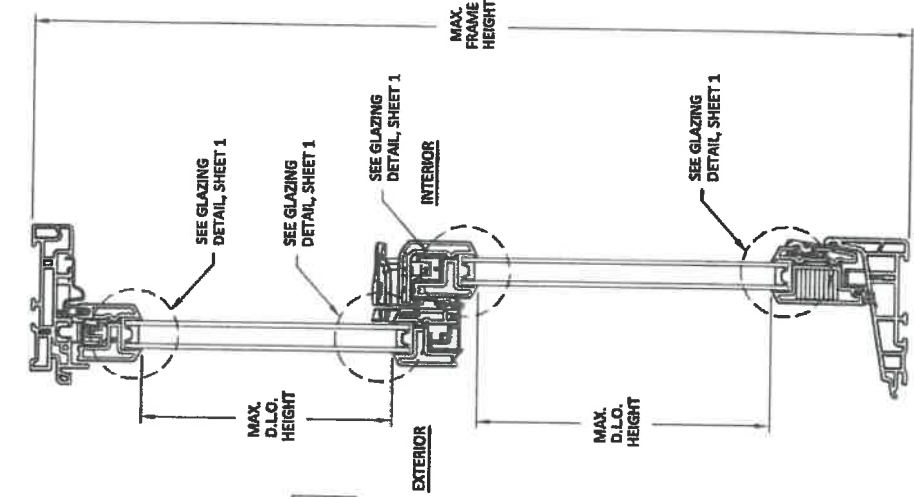
REMARKS	BY	DATE
SIZE GRID UPDATE	HR	11.26.11

THESE PROFILES HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE 2009 IBC AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE USER SHALL VERIFY THE APPLICABLE CODES AND REGULATIONS TO DETERMINE THE APPLICABLE REQUIREMENTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT.



PL. #: **FL27970**  
DATE: **02.22.18**  
DWG. BY: **RV** CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **AWD234**  
SHEET:

**4** OF 7

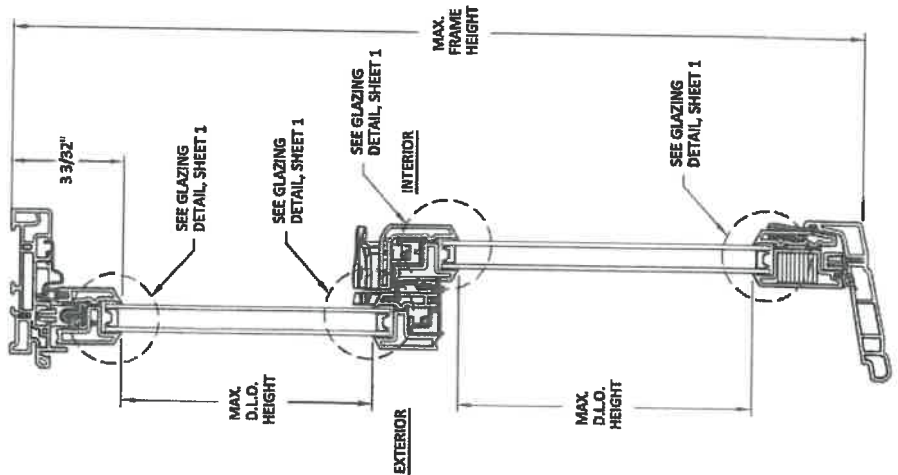


**B** **4** VERTICAL SECTION  
FLAT SILL 2:1



- 1** POCKET NOTCH
- 2** EJ FRAME

NOTE:  
1. THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME AT THE HEAD.



**A** **4** VERTICAL SECTION  
SLOPE SILL 2:1



400 EASTERN AVE NORTH  
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BUILDING DROPS, INC.  
3908 E. OLIVER AVE., SUITE 200  
ANN ARBOR, MI 48106  
PH: (313) 236-4000  
WWW.BUILDINGDROPS.COM



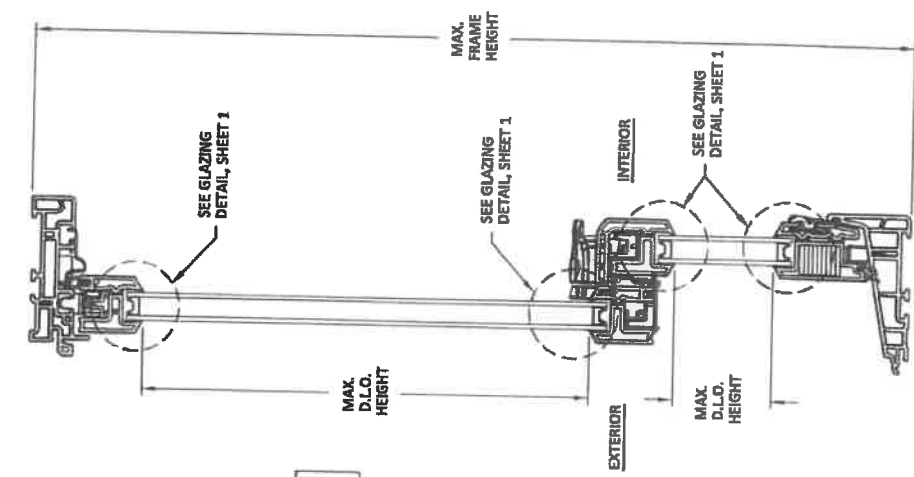
REMARKS	BY	DATE
SIZE GRID UPDATE	HR	11.26.11

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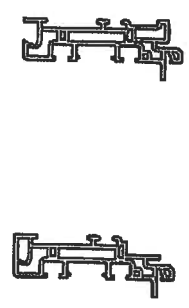
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DWG. BY: RV  
CHK. BY: HFN  
SCALE: NTS  
DWG. #: AWD234  
SHEET: 5

PL. #: FL27970

OF 7

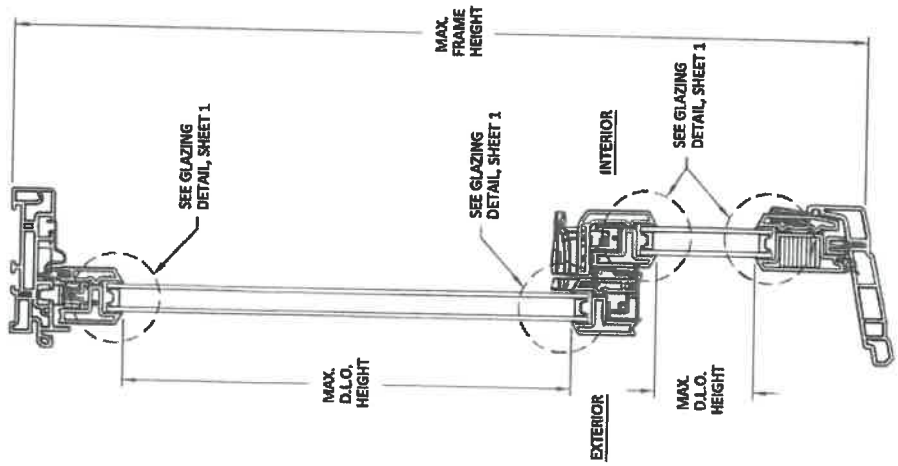


**B** VERTICAL SECTION  
FLAT SILL 3-1



- 1 POCKET NOTCH
- 2 EJ FRAME

NOTE:  
1. THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME AT THE HEAD.



**A** VERTICAL SECTION  
SLOPED SILL 3-1



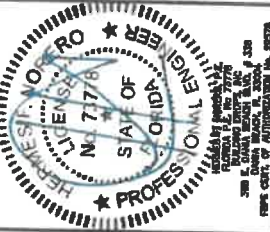
320 ROUTE 400 NORTH  
 SAFFORD, GA 30578-0000  
 PH: (833) 284-3250 FX: (833) 284-3485  
 WWW.ANDERSENWINDOWS.COM

PREPARED BY:  
**BUILDING DROPS, INC.**  
 398 E. DAVIS BLVD., STE. 204  
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 PH: (336) 285-4478  
 WWW.BUILDINGDROPS.COM



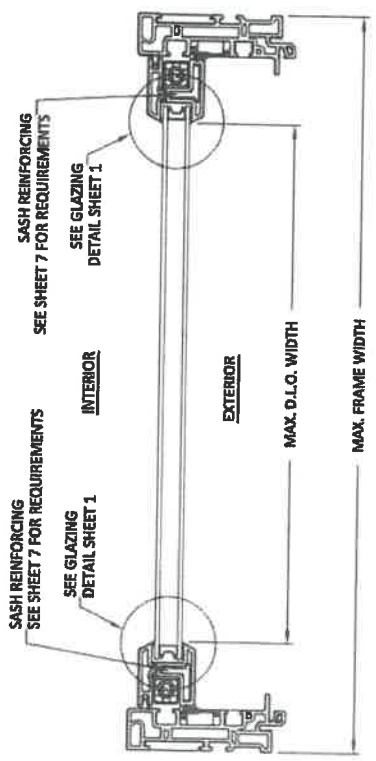
REMARKS	BY	DATE
SIZE 6010 UPDATE	HR	11.26.18

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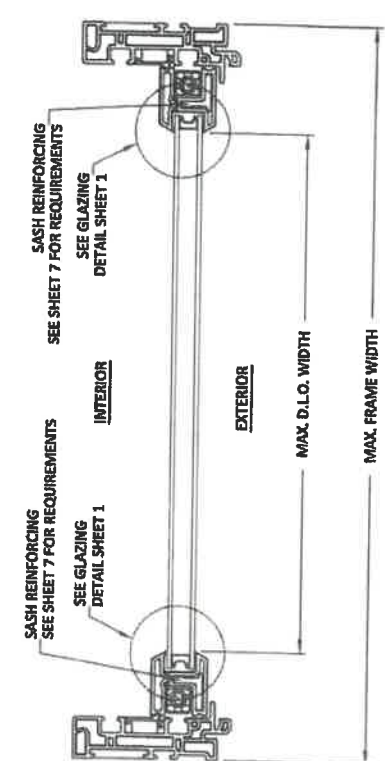


FL #: **FL27970**  
 DATE: **02.22.18**  
 DWG. BY: **RV** CHK. BY: **HFN**  
 SCALE: **NTS**  
 DWG. #: **AWD234**  
 SHEET:

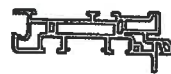
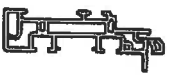
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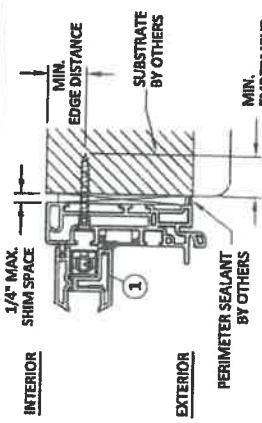
**A** HORIZONTAL SECTION  
 LOWER SASH



**B** HORIZONTAL SECTION  
 UPPER SASH



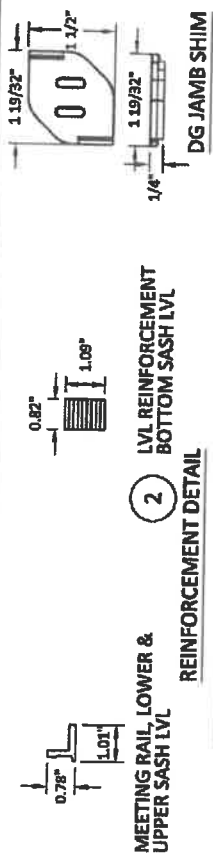
NOTE:  
 1. THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME



**A**  
**HORIZONTAL SECTION**  
THROUGH FRAME (JAMB)

**INSTALLATION NOTES:**

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION 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 3/4 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.
- SHIMS AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. 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.
- DG JAMB SHIM TO BE USED BETWEEN THE FRAME AND THE 1/4 INCH SHIM STACK.
- 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 INSTALLATION ANCHOR'S 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.



**1**  
**MEETING RAIL, LOWER & BOTTOM SASH LVL REINFORCEMENT DETAIL**

**2**  
**LVL REINFORCEMENT UPPER SASH LVL**

METHOD	ANCHOR SCHEDULE		MIN. EMBEDMENT	MIN. EDGE DISTANCE
	SUBSTRATE	ANCHOR SCHEDULE		
THROUGH FRAME	WOOD: MIN. SG = 0.95	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"
	CONCRETE: MIN. Fc=3000PSI	3/16" ITW TAPCON PLATHEAD	1.25"	2.5
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON PLATHEAD	1"	2.25

**Anchor Schedule - Max O.C. Spacing Standard Double Hung Grid, +/- 40 PSF**

Height (in.)	Width (in.)
24	36
27	8.5
27	8.5
27	8.5
38	13.0
38	13.0
48	19.0
48	19.0
60	24.0
60	24.0
72	24.0
72	24.0
76	24.0
76	24.0
84	24.0
84	24.0
96	24.0
96	24.0

**Anchor Schedule - Max O.C. Spacing DP Upgrade Double Hung Grid, +50/-65 PSF**

Height (in.)	Width (in.)
24	32
27	8.5
27	8.5
36	13.0
36	13.0
48	18.0
48	18.0
60	24.0
60	24.0
72	20.7
72	20.7
76	22.0
76	22.0

**Anchor Schedule - Max O.C. Spacing Fixed Upper Sash Double Hung Grid (INSERT AND BASE FRAME), +/- 40 PSF**

Height (in.)	Width (in.)
24	36
27	8.5
27	8.5
38	13.0
38	13.0
48	19.0
48	19.0
60	24.0
60	24.0
72	24.0
72	24.0
76	24.0
76	24.0
84	24.0
84	24.0
96	24.0
96	24.0

**Anchor Schedule - Max O.C. Spacing Standard Double Hung Grid, +/- 30 PSF**

Height (in.)	Width (in.)
24	36
27	8.5
27	8.5
38	13.0
38	13.0
48	19.0
48	19.0
60	24.0
60	24.0
72	24.0
72	24.0
76	24.0
76	24.0
84	24.0
84	24.0
96	24.0
96	24.0

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REMARKS	BY	DATE
SIZE GRID UPDATE	HR	1.1.14

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FL #:  
**FL27970**

DATE: **02.22.18**

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

SCALE: **NTS**

DWG. #: **AWD234**

SHEET: **7**

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