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 **Application Detail**



| FL #                                                                   | FL27970-R3                                                                                                                                                                                                                                                                       |          |      |                              |      |         |      |         |      |         |      |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------------------------|------|---------|------|---------|------|---------|------|
| Application Type                                                       | Revision                                                                                                                                                                                                                                                                         |          |      |                              |      |         |      |         |      |         |      |
| Code Version                                                           | 2020                                                                                                                                                                                                                                                                             |          |      |                              |      |         |      |         |      |         |      |
| Application Status                                                     | Approved                                                                                                                                                                                                                                                                         |          |      |                              |      |         |      |         |      |         |      |
| Comments                                                               |                                                                                                                                                                                                                                                                                  |          |      |                              |      |         |      |         |      |         |      |
| Archived                                                               |                                                                                                                                                                                                                                                                                  |          |      |                              |      |         |      |         |      |         |      |
| Product Manufacturer                                                   | Andersen Corporation                                                                                                                                                                                                                                                             |          |      |                              |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    | 100 Fourth Avenue North<br>Bayport, MN 55003<br>(651) 264-5308<br>alan.barstad@AndersenCorp.com                                                                                                                                                                                  |          |      |                              |      |         |      |         |      |         |      |
| Authorized Signature                                                   | Alan Barstad<br>alan.barstad@AndersenCorp.com                                                                                                                                                                                                                                    |          |      |                              |      |         |      |         |      |         |      |
| Technical Representative                                               |                                                                                                                                                                                                                                                                                  |          |      |                              |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    |                                                                                                                                                                                                                                                                                  |          |      |                              |      |         |      |         |      |         |      |
| Quality Assurance Representative                                       | Alan Barstad                                                                                                                                                                                                                                                                     |          |      |                              |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    | 100 Fourth Avenue North<br>Bayport, MN 55003<br>(651) 264-5308<br>abarstad@andersencorp.com                                                                                                                                                                                      |          |      |                              |      |         |      |         |      |         |      |
| Category                                                               | Windows                                                                                                                                                                                                                                                                          |          |      |                              |      |         |      |         |      |         |      |
| Subcategory                                                            | Double Hung                                                                                                                                                                                                                                                                      |          |      |                              |      |         |      |         |      |         |      |
| Compliance Method                                                      | Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer<br>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.<br>Validation Checklist - Hardcopy Received                                                                                                                                                                                                              |          |      |                              |      |         |      |         |      |         |      |
| Certificate of Independence                                            | <a href="#">FL27970_R3_COI_COI Andersen SS 2015-08-31.pdf</a>                                                                                                                                                                                                                    |          |      |                              |      |         |      |         |      |         |      |
| Referenced Standard and Year (of Standard)                             | <table> <thead> <tr> <th>Standard</th><th>Year</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> | Standard | Year | AAMA/WDMA/CSA 101/I.S.2/A440 | 2011 | TAS 201 | 1994 | TAS 202 | 1994 | TAS 203 | 1994 |
| Standard                                                               | Year                                                                                                                                                                                                                                                                             |          |      |                              |      |         |      |         |      |         |      |
| AAMA/WDMA/CSA 101/I.S.2/A440                                           | 2011                                                                                                                                                                                                                                                                             |          |      |                              |      |         |      |         |      |         |      |
| 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 06/15/2021  
 Date Validated 06/15/2021  
 Date Pending FBC Approval 06/17/2021  
 Date Approved 08/10/2021  
 Date Revised 08/08/2023

## 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><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> No<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use.   |                                                                          | <b>Installation Instructions</b><br><a href="#">FL27970_R3_II_AWD234_SS 2018-12-16.pdf</a><br>Verified By: Hermes F. Norero, P.E. Florida P.E. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL27970_R3_AE_PER5531_SS 2018-08-17.pdf</a><br>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><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use. |                                                                          | <b>Installation Instructions</b><br><a href="#">FL27970_R3_II_AWD291_SS 2021-06-15.pdf</a><br>Verified By: Hermes F. Norero, P.E. Florida P.E. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL27970_R3_AE_PER7620_SS 2021-06-15.pdf</a><br>Created by Independent Third Party: Yes |

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**Safe**



**Andersen.**  
**AW**  
**WINDOWS • DOORS**

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

WINDOW  
 N-IMPACT)(NON-HVHZ)  
 L NOTES & GLAZING DETAIL



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

1731

| REMARKS | BY | DATE |
|---------|----|------|
|---------|----|------|

|                |         |
|----------------|---------|
| ZE GRID UPDATE | HR 1.26 |
|----------------|---------|

INSTALLATION DETAILS PROVIDED HEREIN FOR A SPECIFIC SITE MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. 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 Elizabeth J. Norero, FN  
Reason: I am not using this document

HE RMA LICENSE

No. 73778

PROFESSIONAL ENGINEER  
REGISTERED IN THE STATE OF TEXAS  
EXPIRATION DATE 09/01/2014

FLORIDA P.E. No. 73778  
BUILDING DRILLS, INC.  
308 E. DAWA BEACH BLVD. # 338  
DAWA BEACH, FL. 33004  
FBIPE CERT. OF AUTHORIZATION No. 295578

凡得:

FL27970

DATE: 02.22.18

CHK. BY: HEN

SCALE: NTS

AWG. #: AWD234

1334

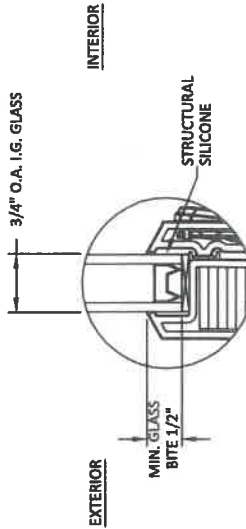


OF 7

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| 3                 | -        | ELEVATIONS & ANCHOR LAYOUTS                        |
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| 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 | CONFIG. | MISSILE IMPACT RATING |
|---------------|------------------|--------|----------|-----------------|------------|--|-----------------|-------|---------|-----------------------|
|               | WIDTH            | HEIGHT | WIDTH    | UPPER SASH      | LOWER SASH |  |                 |       |         |                       |
| FLAT OR SLOPE | 32.0             | 76.0   | 25-15/16 | 33-3/8          | 33-3/8     |  |                 | 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     |  |                 |       |         |                       |
|               | 54.0             | 72.0   | 47-15/16 | 31-3/8          | 31-3/8     |  |                 |       |         |                       |
|               | 40.0             | 96.0   | 33-15/16 | 43-3/8          | 43-3/8     |  | +/-30           |       |         |                       |
| FLAT OR SLOPE | 48.0             | 96.0   | 41-15/16 | 43-3/8          | 43-3/8     |  |                 | 3:1   |         |                       |
|               | 48.0             | 96.0   | 41-15/16 | 65-1/16         | 21-11/16   |  |                 |       |         |                       |
|               | 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   |  |                 |       |         |                       |

| DESIGN PRESSURE UPGRADE RATING |                  |        |                 |            |            |                 |       |         |                       |
|--------------------------------|------------------|--------|-----------------|------------|------------|-----------------|-------|---------|-----------------------|
| SILL TYPE                      | MAX OVERALL SIZE |        | MAX D.L.O. SIZE |            |            | DESIGN PRESSURE | RATIO | CONFIG. | MISSILE IMPACT RATING |
|                                | WIDTH            | HEIGHT | WIDTH           | UPPER SASH | LOWER SASH |                 |       |         |                       |
| FLAT OR SLOPE                  | 30.0             | 68.0   | 23-15/16        | 29-3/8     | 29-3/8     | +50/-65         | 1:1   | X/Y     | NON-IMPACT            |
|                                | 36.0             | 68.0   | 29-15/16        | 29-3/4     | 29-3/4     |                 |       |         |                       |
|                                | 40.0             | 72.0   | 33-15/16        | 31-3/8     | 31-3/8     |                 |       |         |                       |
| FLAT                           | 40.0             | 76.0   | 33-15/16        | 33-3/8     | 33-3/8     |                 |       |         |                       |
| SLOPE                          | 40.0             | 75.3   | 33-15/16        | 33-2/5     | 33-2/5     |                 |       |         |                       |
| FLAT                           | 36.0             | 62.0   | 29-15/16        | 26-3/8     | 26-3/8     |                 |       |         |                       |
| SLOPE                          | 36.0             | 61.3   | 29-15/16        | 26-2/5     | 26-2/5     | +69/-81         |       |         |                       |



### 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.

**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.

- GENERAL NOTES:**
1. 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 101/1.3.2/A440-08/11
  2. 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.
  3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND INSTALLED 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 ±1/4" 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 PRODUCT IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PER OR AHI.
  6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
  7. WINDOW FRAME MATERIAL: FIBREX
  8. IN ACCORDANCE WITH THE CURRENT EDITION FBC, WINDOW COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.

100 ROUTE 100 NORTH  
ANDERSEN, MINNESOTA 55309  
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WEB: www.buildingdrops.com

**PREPARED BY:**  
BUILDING DROPS, INC.  
ELEVATIONS AND  
ANCHOR LAYOUTS  
(NON-IMPACT)(NON-HVHZ)  
TITLE: DG SERIES DOUBLE HUNG WINDOW

**REMARKS:**

**SIZE GRID UPDATE**

**BY DATE**  
HR 11.26.18

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REGISTERED PROFESSIONAL ENGINEER  
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LICENSE NO. 73778  
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EMAIL: jnorero@buildingdrops.com

**FL #:** FL27970

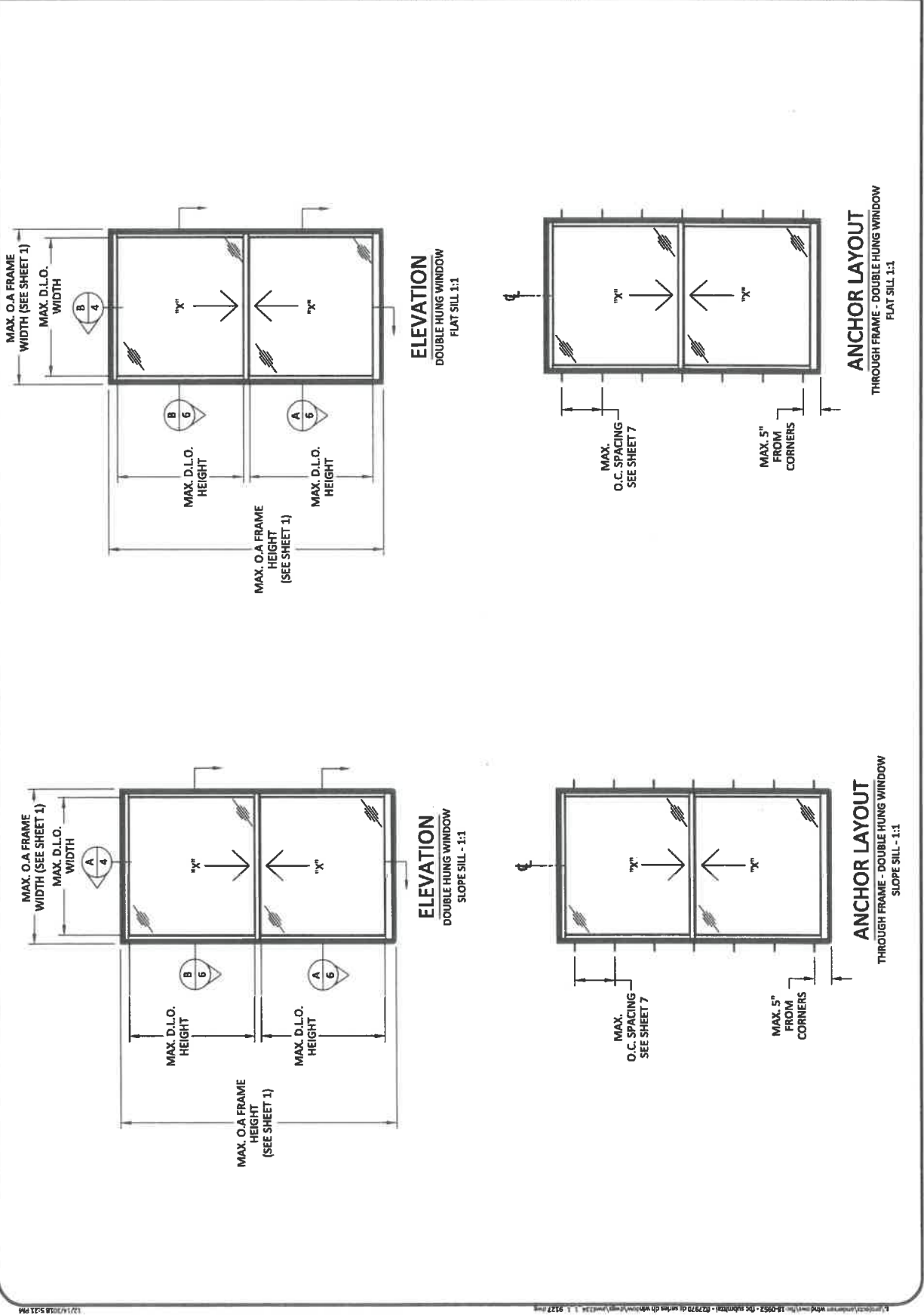
**DATE:** 02.22.18

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

**SCALE:** NTS

**DWG. #:** AWD234

**SHEET:**









100 FOURTH AVE NORTH  
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PREPARED BY:  
BUILDING DROPS, INC.  
308 E. DANIA BEACH BLVD., STE. 328  
DANIA BEACH, FL 33024  
PH: (954) 724-4778 FAX: (954) 724-4778  
WEB: www.buildingdrops.com



TITLE: DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT)(NON-HVHZ)

REMARKS: BY DATE  
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SCALE: NTS  
DWG. #: AWD234  
SHEET:

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DWG. BY: RV  
CHK. BY: HFN  
SCALE: NTS  
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SHEET:

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

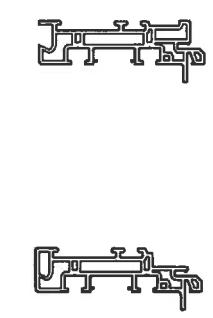
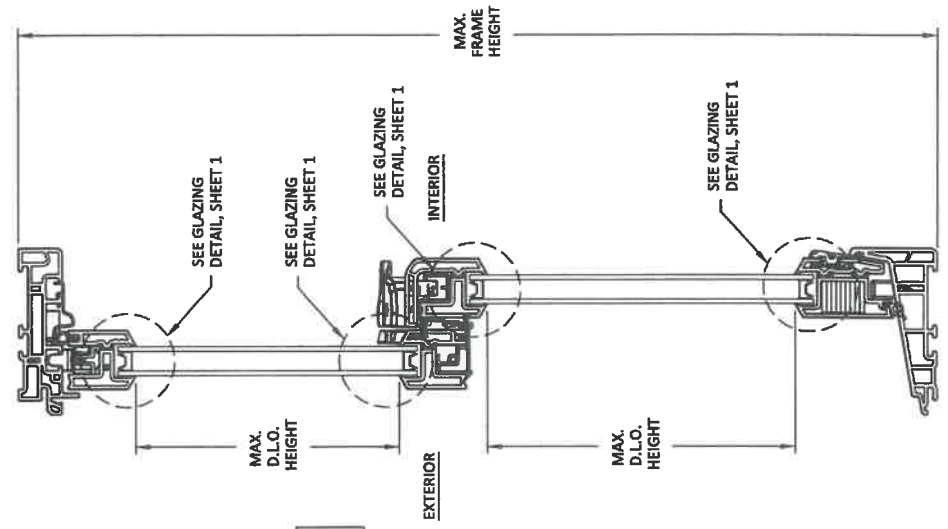
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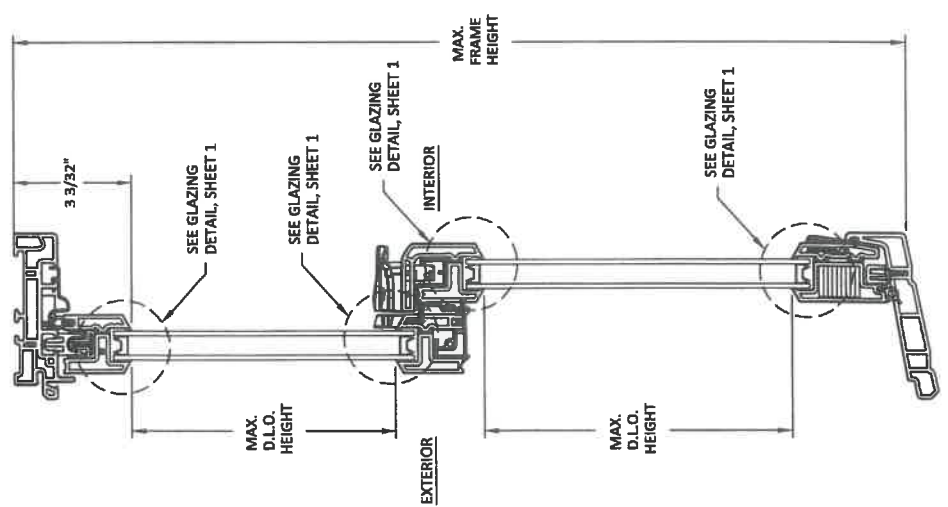
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- 1 POCKET NOTCH
- 2 EJ FRAME

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

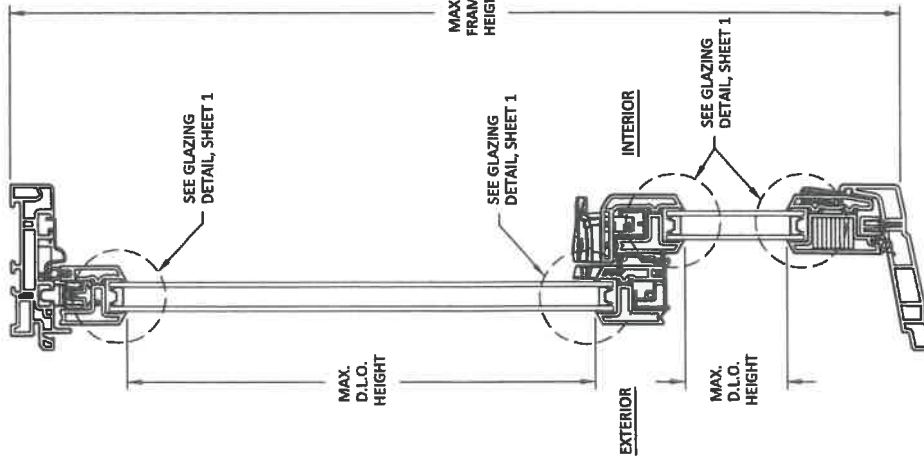


VERTICAL SECTION

FLAT SILL 1:1

VERTICAL SECTION

SLOPE SILL 1:1

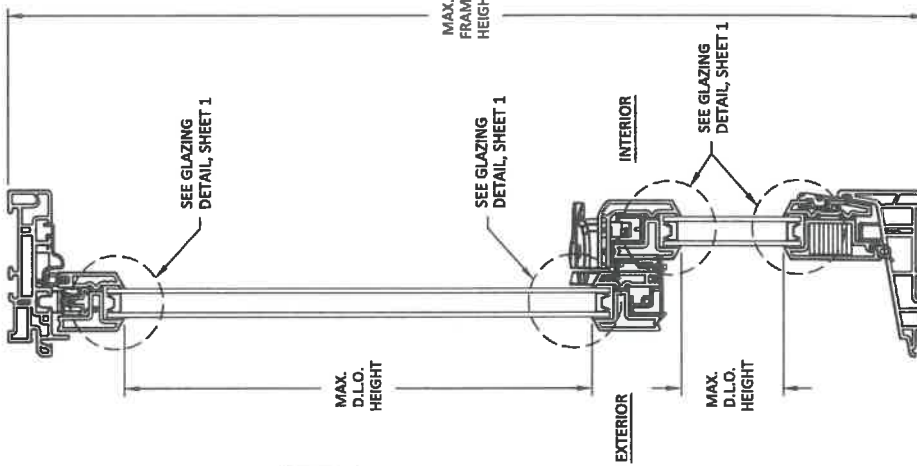


**A** **5** VERTICAL SECTION  
SLOPED SILL 3:1



**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.



**B** **5** VERTICAL SECTION  
FLAT SILL 3:1



100 ROUTE 145 NORTH  
BAYPORT, MN 55003-1096  
PH: (651) 264-5350 FAX: (651) 264-5485

VERTICAL SECTIONS  
WINDOW  
(NON-IMPACT)(NON-HVHZ)  
DG SERIES DOUBLE HUNG  
TITLE:  
PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 744-4738  
FAX: (954) 744-4738  
WEB: www.bldgndrops.com



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| SIZE GRID UPDATE | HR | 11.26.18 |

THIS INSTALLATION DETAIL IS A GENERAL GUIDE ONLY. IT DOES NOT REPRESENT A SPECIFIC DESIGN OR CONSTRUCTION. THE DESIGNER OR ARCHITECT SHALL PREPARE A SPECIFIC DESIGN AND CONSTRUCTION DETAIL FOR EACH PROJECT. THE INSTALLER SHALL FOLLOW THE DETAIL FOR EACH PROJECT. THE DETAIL IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF BUILDING DROPS, INC.

HERMES NORERO  
No. 73778  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
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WWW.BLDGNDROPS.COM

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









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SECRETARY

| FL #                                                                   | FL19562-R7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------------------------|------|------------------------------|------|------------------------------|------|------------|------|------------|------|---------|------|---------|------|---------|------|
| Application Type                                                       | Revision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Code Version                                                           | 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Application Status                                                     | Approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Comments                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Archived                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Product Manufacturer                                                   | Andersen Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    | 100 Fourth Avenue North<br>Bayport, MN 55003<br>(651) 264-5308<br>alan.barstad@AndersenCorp.com                                                                                                                                                                                                                                                                                                                                                                                                  |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Authorized Signature                                                   | Alan Barstad<br>alan.barstad@AndersenCorp.com                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Technical Representative                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Quality Assurance Representative                                       | Alan Barstad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Address/Phone/Email                                                    | 100 Fourth Avenue North<br>Bayport, MN 55003<br>(651) 264-5308<br>abarstad@andersencorp.com                                                                                                                                                                                                                                                                                                                                                                                                      |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Category                                                               | Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Subcategory                                                            | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Compliance Method                                                      | Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer<br>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                             | 12/01/2030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Validated By                                                           | Zachary R. Priest, P.E.<br>Validation Checklist - Hardcopy Received                                                                                                                                                                                                                                                                                                                                                                                                                              |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Certificate of Independence                                            | <a href="#">FL19562_R7_COI_COI Andersen SS 2021-10-18.pdf</a>                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| Referenced Standard and Year (of Standard)                             | <table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <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>2008</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> <tr> <td>ASTM E1996</td><td>2017</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> | Standard | Year | AAMA/WDMA/CSA 101/I.S.2/A440 | 2011 | AAMA/WDMA/CSA 101/I.S.2/A440 | 2008 | AAMA/WDMA/CSA 101/I.S.2/A440 | 2017 | ASTM E1886 | 2013 | ASTM E1996 | 2017 | TAS 201 | 1994 | TAS 202 | 1994 | TAS 203 | 1994 |
| Standard                                                               | Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| AAMA/WDMA/CSA 101/I.S.2/A440                                           | 2011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| AAMA/WDMA/CSA 101/I.S.2/A440                                           | 2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |      |                              |      |                              |      |                              |      |            |      |            |      |         |      |         |      |         |      |
| 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 12/19/2022  
Date Validated 12/19/2022  
Date Pending FBC Approval 12/22/2022  
Date Approved 02/07/2023  
Date Revised 08/08/2023

#### 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)                                                                                                                                                                                                                                                                        |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +60/-70<br><b>Other:</b> See Installation Details and Evaluation Report for allowable sizes, configurations, installation requirements and limits of use.    |                                                                        | <b>Installation Instructions</b><br><a href="#">FL19562_R7_II_AWD321_SS_2022-12-19.pdf</a><br>Verified By: Hermes F. Norero, P.E. Florida P.E. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562_R7_AE_PER8118_SS_2022-10-10.pdf</a><br>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)                                                                                                                                                                                                                                                                |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> No<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.   |                                                                        | <b>Installation Instructions</b><br><a href="#">FL19562_R7_II_AWD094_SS_2020-10-11.pdf</a><br>Verified By: Hermes F. Norero, P.E. FL PE No. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562_R7_AE_PER6698_SS_2020-10-11.pdf</a><br>Created by Independent Third Party: Yes    |
| 19562.3                                                                                                                                                                                                                                                                                                                           | Renewal by Andersen Fixed Window - (HVHZ)(IMPACT)                      | Renewal by Andersen Fixed Window - (HVHZ)(IMPACT)                                                                                                                                                                                                                                                                                  |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use. |                                                                        | <b>Installation Instructions</b><br><a href="#">FL19562_R7_II_AWD292_SS_2021-06-15.pdf</a><br>Verified By: Hermes F. Norero, P.E. Florida P.E. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562_R7_AE_PER7621_SS_2021-06-15.pdf</a><br>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)                                                                                                                                                                                                                                                              |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> No<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.   |                                                                        | <b>Installation Instructions</b><br><a href="#">FL19562_R7_II_AWD092_SS_2020-10-11.pdf</a><br>Verified By: Hermes F. Norero, P.E. FL PE No. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562_R7_AE_PER6696_SS_2020-10-11.pdf</a><br>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)                                                                                                                                                                                                                                                            |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes                                                                                                                                                                                                                          |                                                                        | <b>Installation Instructions</b><br><a href="#">FL19562_R7_II_AWD091_SS_2020-10-11.pdf</a><br>Verified By: Hermes F. Norero, P.E. FL PE No. 73778                                                                                                                                                                                  |

|                                                                                                                                                                                                                                                                                                                                 |                                                                           |                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Impact Resistant:</b> No<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.                                                                                                             |                                                                           | Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562 R7 AE PER6699 SS 2020-10-11.pdf</a><br>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)                                                                                                                                                                                                                                                       |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> No<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> No<br><b>Design Pressure:</b> N/A<br><b>Other:</b> See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use. |                                                                           | <b>Installation Instructions</b><br><a href="#">FL19562 R7 II AWD244 SS 2020-10-11.pdf</a><br>Verified By: Hermes F. Norero, P.E. FL PE No. 73778<br>Created by Independent Third Party: Yes<br><b>Evaluation Reports</b><br><a href="#">FL19562 R7 AE PER6697 SS 2020-10-11.pdf</a><br>Created by Independent Third Party: Yes |

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**Product Approval Accepts:**



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# ANDERSEN CORPORATION, INC

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

### 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. INSTALLATION CLIP: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE TWO (2) 3/16 INCH HWX 1 1/4 INCH TAPCON PER INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT AND SHALL MAINTAIN MINIMUM 2 EDGE DISTANCE.
4. 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.
5. THROUGH FRAME: FOR INSTALLATION THROUGH METAL STUD USE TWO (2) #8 HWX 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.
6. 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.
7. THROUGH FRAME: FOR INSTALLATION INTO METAL SUBSTRATES USE #10 HWX 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.
8. 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.
9. 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.
10. NAIL FIN: FOR INSTALLATION INTO METAL SUBSTRATES USE #8 HWX 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.
11. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
12. 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.
13. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
14. MINIMUM 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).
15. ALUMINUM - MINIMUM WALL THICKNESS OF .18", 6063-T5 ALLOY OR BETTER.

### 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 103/1.5.2/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 TRANSMITTING 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

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|-------------------|----------------------------------------------------------------|
| 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                                                    |
| 48x48                  | +/- 50 PSF              | Through Frame & Optional Nail Fin<br>Installation Clip                  |
| 84x84                  | +/- 35 PSF              | Through Frame & Optional Nail Fin<br>Installation Clip<br>Nail Fin Only |
| 84x84                  | +/- 50 PSF              | Through Frame & Nail Fin Required<br>Installation Clip                  |
| 106x62                 | +/- 35 PSF              | Through Frame & Optional Nail Fin<br>Installation Clip<br>Nail Fin Only |
| 106x62                 | +/- 50 PSF              | Through Frame & Nail Fin Required<br>Installation Clip                  |



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RENEWAL BY ANDERSEN FIXED  
WINDOWS - FULL FRAME  
(NON-HVHZ)(NON-IMPACT)  
GENERAL & INSTALLATION NOTES

| REMARKS             | BY | DATE     |
|---------------------|----|----------|
| REV. FOR PG50 UNITS | MS | 12.15.16 |
| FBC UPDATE          | SM | 12.17.16 |
| 7TH FBC CODE CHANGE | SR | 12.24.20 |

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Reason: I am approving this document  
Date: 2020/11/18 08:29:12Z  
Digitally signed by Hermes F. Norero



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FL #:

DATE: 12.17.15

DWG. BY: SM

CHK. BY: MSS

SCALE: NTS

DWG. #: AWD092

SHEET:





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 BAYPORT, MN 55003-0096

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WEBSITE: [www.bldgdrop.com](http://www.bldgdrop.com)  
 FAX: (954) 744-4738  
 PH: (954) 999-4478  
 DANIA BEACH, FL 33004



PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 308

DANIA BEACH, FL 33004

PH: (954) 999-4478

FAX: (954) 744-4738

WEBSITE: [www.bldgdrop.com](http://www.bldgdrop.com)

RENEWAL BY ANDERSEN FIXED

WINDOWS - FULL FRAME

(NON-HVHZ)(NON-IMPACT)

ELEVATIONS & ANCHOR LAYOUTS

DATE: 12.17.15

FL #:

FL19562

DATE: 12.17.15

DWG. BY: SM

CHK. BY: MSS

SCALE: NTS

DWG. #: AWD092

SHEET:

2

OF 6

REMARKS

BY DATE

REV FOR P650 UNITS

MS 12.15.16

FBC UPDATE

SM 12.17.16

7TH FBC CODE CHANGE

SR 12.24.21

THE INSTALLATION DETAILS SHOWN HEREIN ARE GENERAL

INSTRUCTIONS AND DO NOT CONSTITUTE A WARRANTY

OR A GUARANTEE OF ANY KIND. ANDERSEN ACCEPTS

NO LIABILITY FOR ANY DAMAGE OR LOSS OF ANY KIND

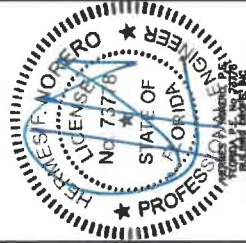
RESULTING FROM THE INSTALLATION OF ANY OF ITS

PRODUCTS OR SYSTEMS. IT IS THE RESPONSIBILITY OF THE

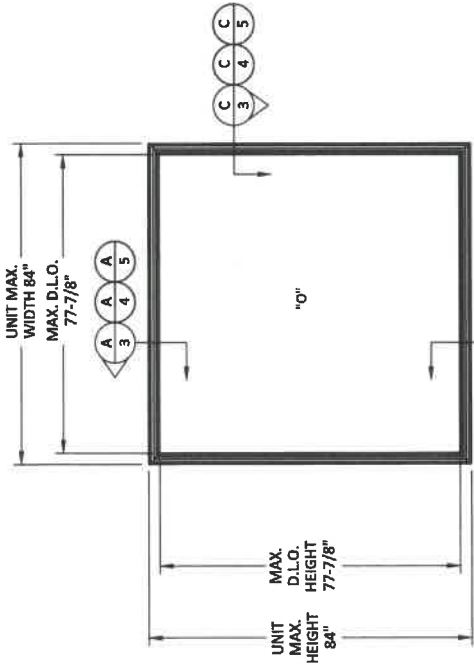
INSTALLER TO FOLLOW ALL APPLICABLE BUILDING CODES

AND ALL OTHER REQUIREMENTS. PREPARE SITE SPECIFIC

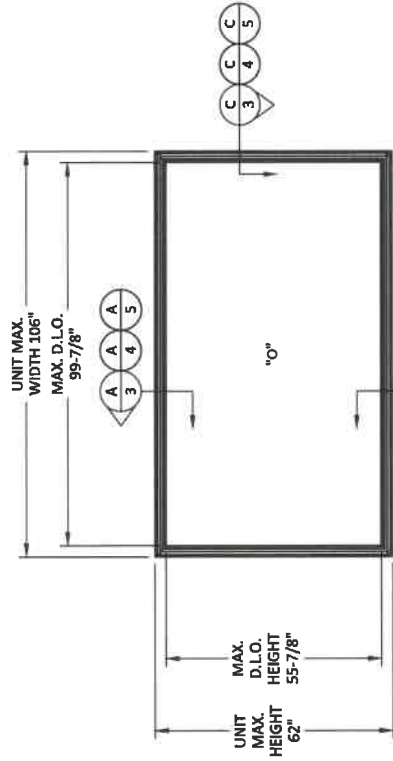
DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES J. NORBERTO  
 PROFESSIONAL ENGINEER  
 NO. 73778  
 STATE OF FLORIDA  
 300 E. DANIA BEACH BLVD., STE. 308  
 DANIA BEACH, FL 33004  
 PHONE: (954) 999-4478  
 FAX: (954) 744-4738  
 E-MAIL: [hermes@bldgdrop.com](mailto:hermes@bldgdrop.com)  
 FIVE CENTS OF AUTHORIZATION NO. 20078



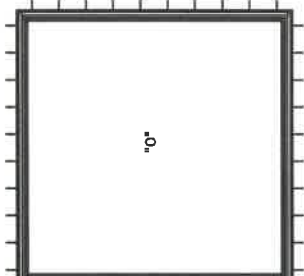
### ELEVATION



### ELEVATION

CORNER DIST. SEE SCHEDULE

MAX. O.C. SPACING SEE SCHEDULE



### ANCHOR LAYOUT

| RENEWAL SERIES PICTURE WINDOW - FULL FRAME |                   |                     |                     |                      |  |
|--------------------------------------------|-------------------|---------------------|---------------------|----------------------|--|
| ANCHOR SPACING                             |                   |                     |                     |                      |  |
| INSTALLATION METHOD                        | FROM CORNERS (IN) | MAX. O.C. HEAD (IN) | MAX. O.C. SILL (IN) | MAX. O.C. JAMBS (IN) |  |
| NAIL FIN                                   | 3.5               | 3.5                 | 3.5                 | 3.5                  |  |
| INSTALLATION CLIP                          | 10                | 12                  | 12                  | 12                   |  |
| THROUGH FRAME                              | 10                | 12.875              | 12.875              | 12.875               |  |

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.

NOTE:  
 WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.





**ANDERSEN  
WINDOWS & DOORS**  
100 FOURTH AVE NORTH  
BAYPORT, MN 55003-2095  
PH: (651) 264-5150 FX: (651) 264-5485

**RENEWAL BY ANDERSEN FIXED  
WINDOWS - FULL FRAME  
(NON-HVHZ)(NON-IMPACT)  
INSTALLATION CLIP DETAILS**

**PREPARED BY:**  
BUILDING DROPS, INC.  
308 E. DANA BEACH BLVD., STE. 308  
DANA BEACH, FL 33004  
PH: (954) 939-6478  
FAX: (954) 939-6478  
WEB: www.buildingdrops.com

| REMARKS             | BY | DATE     |
|---------------------|----|----------|
| REV. FOR PG50 UNITS | MS | 12.15.16 |
| FBC UPDATE          | SM | 12.17.18 |
| 7TH FBC CODE CHANGE | SR | 12.24.20 |

THIS INSTALLATION DETAIL IS FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT A CONTRACT DOCUMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR FOLLOWING ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR FOLLOWING ALL APPLICABLE CODES AND REGULATIONS.



308 E. DANA BEACH BLVD., STE. 308  
DANA BEACH, FL 33004  
PHONE: (954) 939-6478  
FAX: (954) 939-6478  
E-MAIL: hnorero@buildingdrops.com

FL #:

DATE: 12.17.15

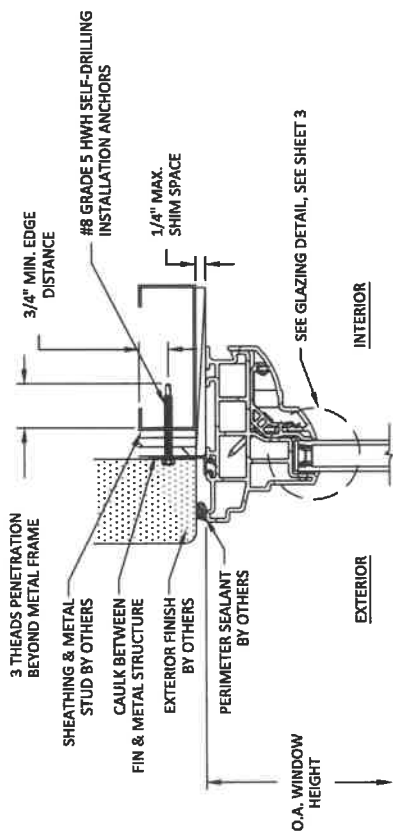
DWG. BY: SM CHK. BY: MSS

SCALE: NTS

DWG. #: AWD092

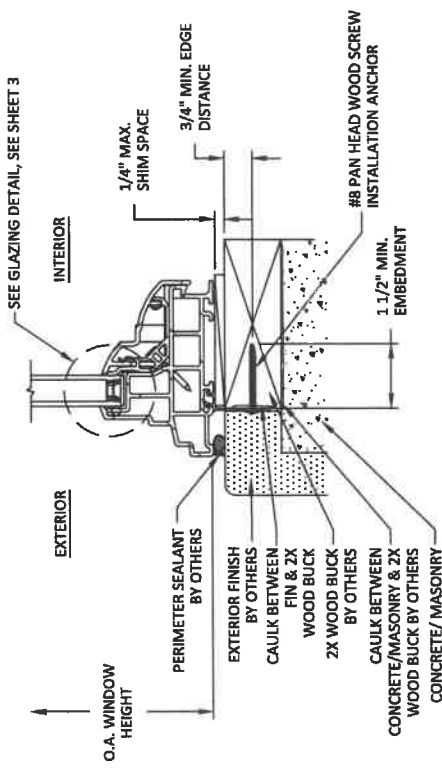
SHEET: 4

OF 6

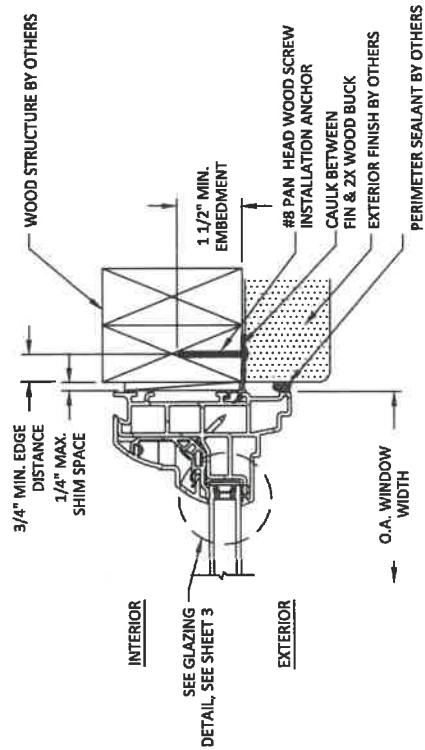


**A** VERTICAL SECTION  
HEAD - METAL FRAME SUBSTRATE  
NAIL FIN

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



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



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



**ANDERSEN**  
WINDOWS & DOORS  
A DIVISION OF  
RAYPORT, INC.

PH: (851) 264-5150 FX: (851) 264-5485  
RAYPORT, FL 32057-0006

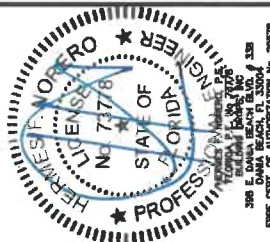
RENEWAL BY ANDERSEN FIXED  
WINDOWS - FULL FRAME  
(NON-HVHZ)(NON-IMPACT)  
INSTALLATION CLIP DETAILS

PREPARED BY:  
**BUILDING DROPS, INC.**  
398 E. OAKMAN BLVD. SUITE 100  
DADE BEACH, FL 33009  
PH: (954) 444-6738  
FAX: (954) 444-6738  
WWW.BUILDINGDROPS.COM



| REMARKS             | BY | DATE     |
|---------------------|----|----------|
| REV FOR PGSD UNITS  | MS | 2.15.16  |
| FBC UPDATE          | SM | 12.17.18 |
| 7TH FBC CODE CHANGE | SR | 3.24.20  |

THE INSTALLATION DETAILS SHOWN HEREIN ARE GENERAL IN NATURE AND ARE NOT TO BE USED FOR ANY SPECIFIC PROJECT WITHOUT THE CONSULTATION OF THE DESIGNER. THE DESIGNER IS RESPONSIBLE FOR THE PROPER APPLICATION OF THE DETAILS SHOWN HEREIN TO THE PROJECT. THE INSTALLATION DETAILS SHOWN HEREIN ARE NOT TO BE USED FOR ANY PROJECT WITHOUT THE CONSULTATION OF THE DESIGNER. THE DESIGNER IS RESPONSIBLE FOR THE PROPER APPLICATION OF THE DETAILS SHOWN HEREIN TO THE PROJECT.



FL #: **FL19562**

DATE: **12.17.15**

DWG. BY: **SM** CHK. BY: **MSS**

SCALE: **NTS**

DWG. #: **AWD092**

SHEET: **5**

OF 6

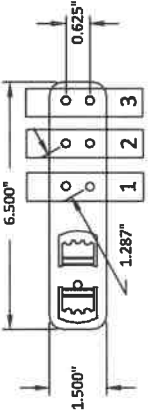
**INSTALLATION CLIP ANCHOR REQUIREMENTS:**

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

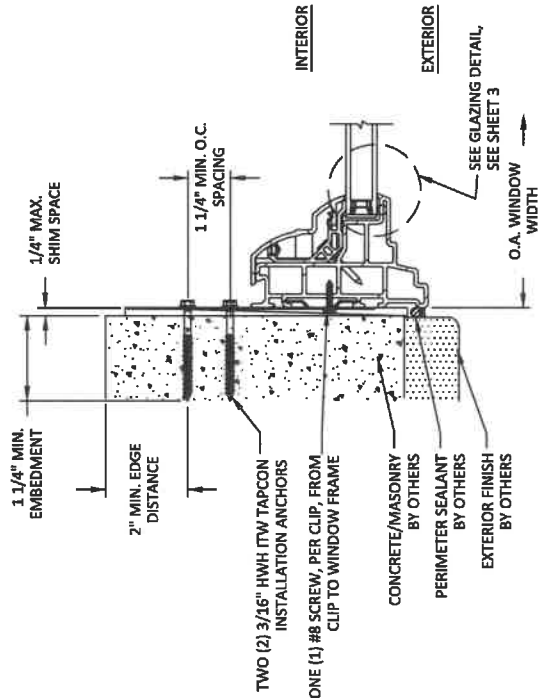
METAL SUBSTRATE: USE TWO #8 HHW SMS ANCHORS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

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.

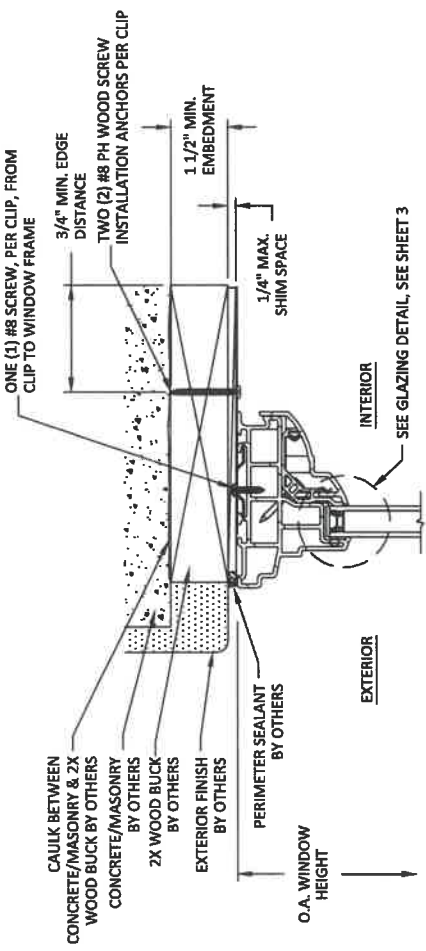
DO NOT INSTALL ANCHORS THROUGH ROW NUMBER THREE.



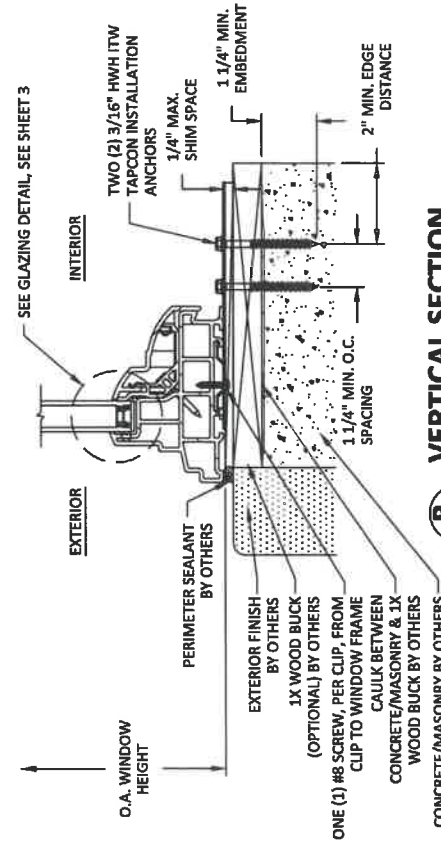
**INSTALLATION CLIP DETAIL**



**C HORIZONTAL SECTION**  
JAMB - CONCRETE/MASONRY  
INSTALLATION CLIP



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



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





**ANDERSEN**  
WINDOWS & DOORS

100 FOURTH AVE NORTH  
BAYPORT, MN 55003-1026

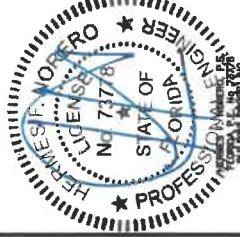
PH: (651) 264-5150 FX: (651) 264-5485

PREPARED BY:  
**BUILDING DROPS, INC.**  
QUALIFIED SHAPES  
(NON-HVHZ)(NON-IMPACT)  
RENEWAL BY ANDERSEN FIXED  
WINDOWS - FULL FRAME



| REMARKS             | BY | DATE    |
|---------------------|----|---------|
| REV. FOR PG50 UNITS | MS | 2.15.16 |
| FBC UPDATE          | SM | 2.17.18 |
| 7TH FBC CODE CHANGE | SR | 8.24.20 |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL INSTRUCTIONS ONLY. THE INSTALLER SHALL BE RESPONSIBLE FOR THE FINAL DESIGN AND CONSTRUCTION OF THE WINDOW. THE INSTALLER SHALL BE RESPONSIBLE FOR THE FINAL DESIGN AND CONSTRUCTION OF THE WINDOW. THE INSTALLER SHALL BE RESPONSIBLE FOR THE FINAL DESIGN AND CONSTRUCTION OF THE WINDOW.



308 E. DANIA BEACH BLVD., 5TH FLOOR  
DANIA BEACH, FL 33004  
FLOOR CERT. OF AUTHORIZATION No. 26078

FL #: **FL19562**

DATE: **12.17.15**

DWG. BY: **SM** CHK. BY: **MSS**

SCALE: **NTS**

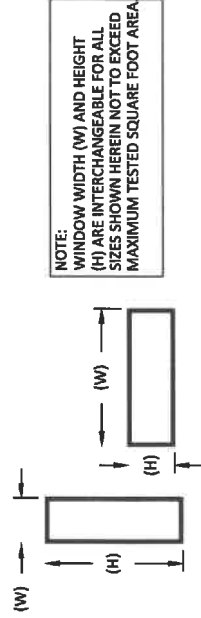
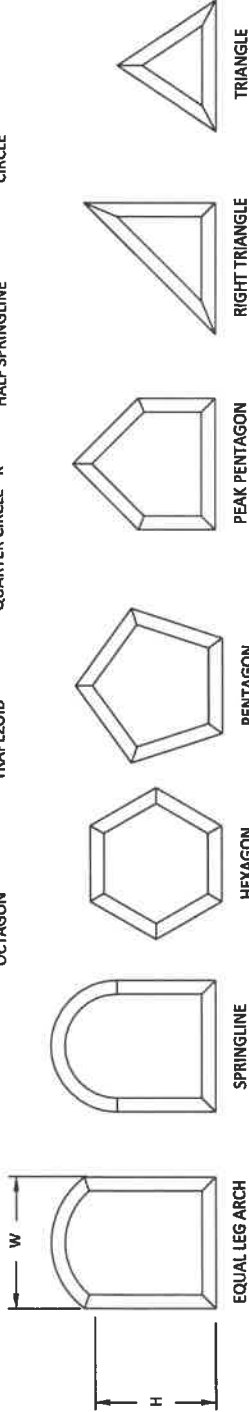
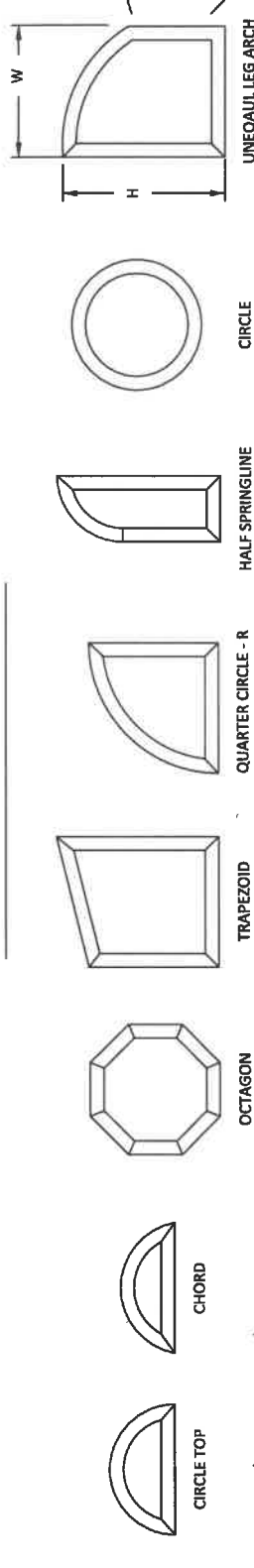
DWG. #: **AWD092**

SHEET:

**6**

OF 6

## QUALIFIED SHAPES



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