**ANDERSEN CORPORATION**

**E-SERIES CASEMENT WINDOW**

**(NON-IMPACT)(NON-HVHZ)**

---

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<td>D</td>
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<td>D</td>
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<td>23</td>
<td>D</td>
<td>1&quot; x 5-1/2&quot; MULLION LOADS TABLE - TWO WAY</td>
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<tr>
<td>24</td>
<td>D</td>
<td>1&quot; x 5-3/16&quot; MULLION LOADS TABLE - TWO WAY</td>
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<td>25</td>
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<td>28</td>
<td>D</td>
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</tbody>
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---

**Notes:**

1. The mullion assembly rating would be the lesser of the individual unit rating or the mullion rating.
2. Nailing flange installations are limited to individual units or assemblies equal to or less than DPS and equal to or less than 30 square feet.

---

**Window Type Configuration**

<table>
<thead>
<tr>
<th>WINDOW TYPE</th>
<th>CONFIGURATION</th>
<th>OVERALL FRAME SIZE</th>
<th>OVERALL CASEMENT D.O. DIMENSION</th>
<th>GLASS TYPE</th>
<th>NO. LOCK POINTS</th>
<th>DESIGN PRESSURE (PSF)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>WIDTH (IN.)</td>
<td>HEIGHT (IN.)</td>
<td>WIDTH (IN.)</td>
<td>HEIGHT (IN.)</td>
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<td>36.0</td>
<td>72.0</td>
<td>29.87</td>
<td>65.87</td>
<td>G1</td>
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<tr>
<td>SINGLE</td>
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<tr>
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<td>G1</td>
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<tr>
<td>MULLED</td>
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<td>72.0</td>
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<td>65.87</td>
<td>G1</td>
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<tr>
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<td>O/X</td>
<td>72.0</td>
<td>72.0</td>
<td>29.87</td>
<td>65.87</td>
<td>G1</td>
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</table>

**Notes:**

1. The mullion assembly rating would be the lesser of the individual unit rating or the mullion rating.
2. Nailing flange installations are limited to individual units or assemblies equal to or less than DPS and equal to or less than 30 square feet.

---

**General Notes:**

1. The product shown herein is designed and manufactured to comply with the current Florida Building Code (FBC).
2. Adequacy of the existing structural concrete/masonry, 2x and metal stud framing as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the engineer or architect of record for the project of installation.
3. 1X and 2X bucks (when used) shall be designed and anchored to properly transfer all loads to the structure. Buck design and installation is the responsibility of the engineer or architect of record for the project of installation.
4. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document.
5. Approved impact protective system is required to protect this product in areas requiring impact resistance.
6. Window frame material: Aluminum clad wood.
7. Mullion material: Laminate veneer lumber.
8. Glass meets the requirements of ASTM E1300. See glazing details on Sheet 1.
9. Designations “X” and “O” stand for the following:
   - X: Operable panel
   - O: Fixed panel
10. Custom sizes available upon request. Custom design pressure will be assigned equal to next larger standard size.

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**Location:**

1. General Notes:
2. Elevations and qualified configurations
3. Mulled elevations
4. Mulled anchor layouts
5. Mullion vertical sections
6. Mullion horizontal sections
7. Anchor details
8. Zero mullion loads table - one way
9. Zero mullion loads table - two way
10. 1/2" x 3-1/2" mullion loads table - one way
11. 1/2" x 3-1/2" mullion loads table - two way
12. 1/2" x 5-1/2" mullion loads table - one way
13. 1/2" x 5-1/2" mullion loads table - two way
14. 3/4" x 3-1/2" mullion loads table - one way
15. 3/4" x 3-1/2" mullion loads table - two way
16. 3/4" x 5-1/2" mullion loads table - one way
17. 3/4" x 5-1/2" mullion loads table - two way
18. 1" x 3-1/2" mullion loads table - one way
19. 1" x 3-1/2" mullion loads table - two way
20. 1" x 5-1/2" mullion loads table - one way
21. 1" x 5-1/2" mullion loads table - two way
22. 3" x 3-1/2" mullion loads table - one way
23. 3" x 3-1/2" mullion loads table - two way
24. 3" x 5-3/16" mullion loads table - two way
25. 2" x 3-1/2" mullion loads table - one way
26. 2" x 3-1/2" mullion loads table - two way
27. 2" x 5-3/16" mullion loads table - two way
28. 2" x 5-3/16" mullion loads table - two way

---

**Notes:**

1. The mullion assembly rating would be the lesser of the individual unit rating or the mullion rating.
2. Nailing flange installations are limited to individual units or assemblies equal to or less than DPS and equal to or less than 30 square feet.

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<th>CONFIGURATION</th>
<th>OVERALL FRAME SIZE</th>
<th>OVERALL CASEMENT D.O. DIMENSION</th>
<th>GLASS TYPE</th>
<th>NO. LOCK POINTS</th>
<th>DESIGN PRESSURE (PSF)</th>
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</thead>
<tbody>
<tr>
<td>SINGLE</td>
<td>X</td>
<td>36.0</td>
<td>72.0</td>
<td>29.87</td>
<td>65.87</td>
<td>G1</td>
</tr>
<tr>
<td>SINGLE</td>
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<td>G1</td>
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<tr>
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<td>72.0</td>
<td>29.87</td>
<td>65.87</td>
<td>G1</td>
</tr>
</tbody>
</table>

**Notes:**

1. The mullion assembly rating would be the lesser of the individual unit rating or the mullion rating.
2. Nailing flange installations are limited to individual units or assemblies equal to or less than DPS and equal to or less than 30 square feet.
ELEVATION
SINGLE UNIT

UNIT MAX.
HEIGHT 72.0"
D.L.O. MAX.
HEIGHT 65.87"

D.L.O. MAX.
WIDTH 29.87"
UNIT MAX.
WIDTH 36.0"

"X"

KEEPER LOCATION

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<tr>
<th>FRAME HEIGHT</th>
<th>E (IN)</th>
<th>F (IN)</th>
<th>G (IN)</th>
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<tr>
<td>&lt;=32</td>
<td>15.750</td>
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<tr>
<td>&lt;36</td>
<td>11.500</td>
<td>21.750</td>
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<td>&lt;=40</td>
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<td>&lt;=48</td>
<td>11.500</td>
<td>33.750</td>
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<td>&lt;=54</td>
<td>11.500</td>
<td>39.750</td>
<td>-</td>
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<tr>
<td>&lt;=60</td>
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<tr>
<td>72</td>
<td>11.500</td>
<td>34.656</td>
<td>57.812</td>
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REMARKS
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.
NOTE:
REFER TO SHEETS 11-28 FOR DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES
ANCHOR LAYOUT
THROUGH FRAME

NOTE:
NAILING FLANGE INSTALLATIONS ARE LIMITED TO INDIVIDUAL UNITS OR ASSEMBLIES EQUAL TO OR LESS THAN DP +50/-50 AND EQUAL TO OR LESS THAN 30 SQUARE FEET.

VINYL FIN ANCHORING
SINGLE UNIT

3.5" MAX O.C.
3.0" MAX FROM CORNER
6.0" MAX FROM CORNER
15.5" MAX O.C.

ALUMINUM FIN ANCHORING
SINGLE UNIT

3.0" MAX FROM CORNER
12.0" MAX O.C.

NOTE:
FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 10

NOTE:
ANCHOR LAYOUTS

SCALE:
NTS

DATE:
10.07.17

PREPARED BY:
HFN

REMARKS

TITLE:
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.

NOTE:
ANCHOR LAYOUTS

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

FL24226

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

OF 28
NOTE:

FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE SHEET 10

NOTE:

NAILING FLANGE INSTALLATIONS ARE LIMITED TO INDIVIDUAL UNITS OR ASSEMBLIES EQUAL TO OR LESS THAN DP +50/-50 AND EQUAL TO OR LESS THAN 30 SQUARE FEET.

ANCHOR LAYOUT
THROUGH FRAME

VINYL FIN ANCHORING
SINGLE UNIT

ALUMINUM FIN ANCHORING
SINGLE UNIT
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E-SERIES CASEMENT WINDOW (NON-IMPACT) (NON-HVHZ)

VERTICAL SECTION

INSULATED GLASS

SEE GLAZING DETAIL SHEET 1

INTERIOR

EXTERIOR

SEE GLAZING DETAIL SHEET 1

SEE GLAZING DETAIL SHEET 1

OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS

1-1/2" MDL

1-1/8" MDL

7/8" MDL

5/8" MDL

FL24226

DATE: 10.07.17

DWG. #: AWD198

OF 28
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.
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NOTE: lvl mull between jambs may be 3/4" x 3-1/2" in depth as represented by dashed lines.

*** INTERIOR 9 ***

A  HORIZONTAL SECTION

INSULATED GLASS
1/2" x 3-1/2" MULLION
OR 1/2" x 5 3/16"

SEE GLAZING DETAIL SHEET 1

INTERIOR

B  HORIZONTAL SECTION

INSULATED GLASS
3/4" x 3-1/2" MULLION
OR 3/4" x 5 3/16"

SEE GLAZING DETAIL SHEET 1

INTERIOR

C  INSULATED GLASS

1" x 3-1/2" MULLION
OR 1" x 5 3/16"

SEE GLAZING DETAIL SHEET 1

INTERIOR

D  HORIZONTAL SECTION

INSULATED GLASS
2" x 3-1/2" MULLION
OR 2" x 5 3/16"

SEE GLAZING DETAIL SHEET 1

INTERIOR

SEE GLAZING DETAIL SHEET 1

EXTERIOR

EXTERIOR
INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE MENTIONED.

2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.

3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF 1/2 INCH THE DEPICTED LOCATION & SPACING IN THE INSTALLATION LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.

4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.

5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.

6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

7. 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.

8. 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.
NOTE:

1) MULLION CHART APPLIES TO ZERO MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.

5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10.

6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
### Maximum Design Pressure Capacity Chart (PSF) Zero Structural Mullion (Two-Way) Configuration

<table>
<thead>
<tr>
<th>L - Mull Length (in)</th>
<th>24.0</th>
<th>36.0</th>
<th>48.0</th>
<th>60.0</th>
<th>72.0</th>
<th>84.0</th>
<th>96.0</th>
<th>108.0</th>
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<td>49.72</td>
<td>52.16</td>
<td>54.49</td>
<td>56.74</td>
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### Design Pressure Values
1. Positive and Negative in PSF.
2. Maximum deflection has been limited to L/175.
3. Design Pressure of Assembly is limited to the lesser design pressure of the Mullion Assembly or the individual unit of installation.
4. Adjacent Windows or Doors shall be under separate FL or Miami-Dade approval.

### Notes:
1. Mullion Chart applies to zero Mull assemblies, when mullied in two-way configurations.
2. Design Pressure values are positive and negative in PSF.
3. Maximum deflection has been limited to L/175.
4. Design pressure of assembly is limited to the lesser design pressure of the Mullion Assembly or the individual unit of installation. Adjacent windows or doors shall be under separate FL or Miami-Dade approval.
5. Mullion Chart applies to the following installation conditions as listed on Sheet 10.
6. Tributary Width = \( W = \frac{A + B}{2} \)
7. When windows are stacked vertically, the manufacturer/installer shall ensure that the weight of units above will not cause deflections or stresses which will affect operation or structural adequacy of units below.
NOTE:

1) MULLION CHART APPLIES TO 1/2" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.

5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10

6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:

1) MULLION CHART APPLIES TO 1/2" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.

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6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
1) MULLION CHART APPLIES TO 1/2" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.

5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10

6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:
1) MULLION CHART APPLIES TO 1/2" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.
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**NOTE:**

1. **MULLION CHART APPLIES TO 3/4" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.**

2. **DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.**

3. **MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.**

4. **DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.**

5. **MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10**

6. **TRIBUTARY WIDTH = \( W = \frac{A+B}{2} \)**

7. **WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.**

### Maximum Design Pressure Capacity Chart (PSF)

<table>
<thead>
<tr>
<th>L - Mullion Length (in)</th>
<th>W - Tributary Width (in)</th>
<th>24.0</th>
<th>36.0</th>
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### 3/4" X 3 1/2" LVL MULL PROFILE

- **TRIBUTARY WIDTH** = \( W = \frac{A+B}{2} \)
- **A + B = W**

**FL24226**

**DATE:** 10.07.17

**DWG. BY:** RV

**REMARKS**

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.
NOTE:
1) MULLION CHART APPLIES TO 3/4" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:

1) MULLION CHART APPLIES TO 3/4" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.

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MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

3/4" X 5-3/16" STRUCTURAL MULLION (TWO-WAY) CONFIGURATION

<table>
<thead>
<tr>
<th>L - Mullion Length (in)</th>
<th>24.0</th>
<th>36.0</th>
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<tbody>
<tr>
<td>W - Tributary Width (in)</td>
<td>75.00</td>
<td>75.00</td>
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</table>

NOTE:

1) MULLION CHART APPLIES TO 3/4" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.

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## Maximum Design Pressure Capacity Chart (PSF)

<table>
<thead>
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<th>L - Mullion Length (in)</th>
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</table>

1) **Mullion Chart Applies to 1" x 3-1/2" Mullion Assemblies, When Mulled in One-Way Configurations.**

2) **Design Pressure Values Are Positive and Negative in PSF.**

3) **Maximum Deflection Has Been Limited to L/175.**

4) **Design Pressure of Assembly Is Limited to the Lesser Design Pressure of the Mullion Assembly or the Individual Unit of Installation. Adjacent Windows or Doors Shall Be Under Separate FL or Miami-Dade Approval.**

5) **Mullion Chart Applies to the Following Installation Conditions as Listed on Sheet 10.**

6) **Tributary Width = W = (A+B)/2**

7) **When Windows Are Stacked Vertically, the Manufacturer/Installer Shall Ensure That the Weight of Units Above Will Not Cause Deflections or Stresses Which Will Affect Operation or Structural Adequacy of Units Below.**
NOTE:

1) MULLION CHART APPLIES TO 1" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.

2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.

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NOTE:
1) MULLION CHART APPLIES TO 2" X 3-1/2" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY Configurations.

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5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10.

6) TRIBUTARY WIDTH = W = (A+B)/2

7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.
NOTE:
1) MULLION CHART APPLIES TO 2" X 5-3/16" MULL ASSEMBLIES, WHEN MULLED IN TWO-WAY CONFIGURATIONS.
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE MULLION ASSEMBLY OR THE INDIVIDUAL UNIT OF INSTALLATION. ADJACENT WINDOWS OR DOORS SHALL BE UNDER SEPARATE FL OR MIAMI-DADE APPROVAL.
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEET 10
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN WINDOWS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.