**ANDERSEN CORPORATION**

**E-SERIES HINGED PATIO DOOR - OUTSWING**

(WZ3) **(IMPACT)**

**GENERAL NOTES:**

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - TAS 201-94
   - TAS 202-94
   - TAS 203-94
   - ASTM E1300-95
   - ASTM E1386-00

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 NOT REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.

6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.

7. DOOR FRAME MATERIAL, CLADDING : ALUMINUM

   WOOD: PONDEROSA PINE

8. MULLION MATERIAL: LAMINATED VENEER LUMBER

9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE SHEET 2 FOR GLAZING DETAILS.

10. DESIGNATIONS “X” AND “O” STAND FOR THE FOLLOWING:
    - X: OPERABLE PANEL
    - O: FIXED PANEL

11. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

---

**TABLE OF CONTENTS**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>REVISION</th>
<th>SHEET DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0</td>
<td>C</td>
<td>GENERAL NOTES &amp; GLAZING DETAILS</td>
</tr>
<tr>
<td>2.0</td>
<td>C</td>
<td>ELEVATIONS AND CONFIGURATION</td>
</tr>
<tr>
<td>3.0</td>
<td>C</td>
<td>VERTICAL SECTIONS</td>
</tr>
<tr>
<td>4.0</td>
<td>C</td>
<td>HORIZONTAL SECTIONS</td>
</tr>
<tr>
<td>5.0</td>
<td>C</td>
<td>PANELS &amp; SIDELITES DETAILS</td>
</tr>
<tr>
<td>6.0</td>
<td>C</td>
<td>HARDWARE LOCATIONS</td>
</tr>
<tr>
<td>7.0</td>
<td>C</td>
<td>ANCHOR LAYOUT</td>
</tr>
<tr>
<td>8.0</td>
<td>C</td>
<td>ANCHOR DETAILS, SCHEDULE &amp; NOTES</td>
</tr>
<tr>
<td>9.0</td>
<td>C</td>
<td>MULLION TABLES</td>
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**ELEVATION**

OUTSWING DOOR WITH 2" MULLION

**OTHER QUALIFIED CONFIGURATIONS**

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<th>CONFIGURATION</th>
<th>WIDTH</th>
<th>HEIGHT</th>
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<th>PANEL TYPE</th>
<th>PG RATING</th>
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<td>X OR O</td>
<td>36.50</td>
<td>95.31</td>
<td>G1</td>
<td>SP1, SP1R1, SP1R2, SP2R3, SP1M1, SP1M2, SP2M1, SP2M2, SL1L1, SL1L2, SL1M1, SL1M2, SL2L1, SL2M1, SL2M2</td>
<td>+/-65</td>
</tr>
<tr>
<td>G2</td>
<td></td>
<td></td>
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<td></td>
<td>G5</td>
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<tr>
<td>XX</td>
<td>72.06</td>
<td>95.31</td>
<td>G1 OR G2</td>
<td>SP1, SP1R1, SP1R2, SP2R3, SP1M1, SP1M2, SP2M1, SP2M2, SL1L1, SL1L2, SL1M1, SL1M2, SL2L1, SL2M1, SL2M2</td>
<td>+/-65</td>
</tr>
<tr>
<td>O</td>
<td>72.06</td>
<td>36.00</td>
<td>G5</td>
<td>M1, M1R1, M1R2, M1M1, M1M2, M1M3</td>
<td>+/-65</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>G6</td>
</tr>
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</table>

**NOTE:**
1. REFER TO SECTION 9 FOR DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES.
NOTES:
1. REFER TO SHEET 2 & SECTION 9 FOR CONFIGURATIONS, PANEL TYPES & DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES.
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.

OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS

**VERTICAL SECTION**
- **1.0 FULL GLAZED PANEL**
  - See Glazing Details Sheet 1
- **3.0**
  - Insulated Glass Zero Mullion
  - Surface bolts required on passive panel of double doors
  - See Glazing Details Sheet 1

**VERTICAL SECTION**
- **2.0 FULL GLAZED SIDELITE**
  - See Glazing Details Sheet 1
  - Surface bolts required on passive panel of double doors
  - See Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Panel
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1
  - Surface bolts required on passive panel of double doors

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Sidelite
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Panel
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Sidelite
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Panel
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Sidelite
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Panel
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1

**VERTICAL SECTION**
- **3.0**
  - Full Glazed Sidelite
  - Exterior
  - Interior
  - O.A. Frame Height: VARIES
  - D.L.O.: VARIES
  - 1 1/4"
  - see Glazing Details Sheet 1
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.

VERTICAL SECTION

1. TRANSGOM HEAD WITH INSULATED GLASS
   1/2" X 5-3/16" MULLION

2. TRANSGOM HEAD WITH INSULATED GLASS
   3/4" X 5-3/16" MULLION

3. TRANSGOM HEAD WITH INSULATED GLASS
   1" X 5-3/16" MULLION

4. TRANSGOM HEAD WITH INSULATED GLASS
   2" X 5-3/16" MULLION

See glazing details sheet 1.
SEE GLAZING DETAILS SHEET 1

1 HORIZONTAL SECTION
4.0
HINGE JAMB

2 HORIZONTAL SECTION
4.0
LOCK JAMB

3 HORIZONTAL SECTION
4.0
SIDELITE JAMB

4 HORIZONTAL SECTION
4.0
ASTRAGAL

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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HORIZONTAL SECTION

1. ZERO MULLION
   OPERABLE TO FIXED

2. 1/2" X 5-3/16" MULLION
   OPERABLE TO FIXED

3. 3/4" X 5-3/16" MULLION
   OPERABLE TO FIXED

4. 1" X 5-3/16" MULLION
   OPERABLE TO FIXED

D.L.O.: VARY
O.A. FRAME WIDTH: 4.1

HORIZONTAL SECTIONS
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.
PANELS & SIDELITES TYPES

NOTES:

1. REFER TO SECTION 2 FOR CORRESPONDING PANEL TYPES AND CONFIGURATION QUALIFIED TO BE USED WITH THIS APPROVAL.

BOTTOM RAIL
1 0.075" 1.672" 7.375" 0.25" 0.19"

TOP RAIL & STILE

STILE

TOP RAIL & STILE

TOP RAIL

STILES

BOTTOM RAIL

STILES

2.3/4" STILES & MID-RAIL
8" BOTTOM RAIL & 4 11/16" TOP RAIL EMBOSSED PANEL

2.3/4" STILES & MID-RAIL
8" BOTTOM RAIL & 4 11/16" TOP RAIL EMBOSSED PANEL

2.3/4" STILES & MID-RAIL
12" BOTTOM RAIL & 4 11/16" TOP RAIL EMBOSSED PANEL

4 11/16" STILES & RAIL
8" BOTTOM RAIL & MID-RAIL

4 11/16" STILES & RAIL
8" BOTTOM RAIL & MID-RAIL

4 11/16" STILES & RAIL
8" BOTTOM RAIL & MID-RAIL

4 11/16" STILES & RAIL
8" BOTTOM RAIL & MID-RAIL

4 11/16" STILES & RAIL
8" BOTTOM RAIL & MID-RAIL

ALLOWABLE SHAPES
**NOTES:**

1. SURFACE BOLTS REQUIRED ON IMPACT DOUBLE UNITS

---

**OPTION 1**

(AW HARDWARE)

**ACTIVE LEAF:**
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 210MM LOCK TO HANDLE SPACING, 50 MM LOCK/HANDLE BACKSET.

**PASSIVE LEAF:**
TORSIONALLY OPERATED SHOOT BOLT THROUGH ASTRAGAL, LATCH AND DEADBOLT BLOCKERS

---

**OPTION 2**

(TYPE I)

**ACTIVE LEAF:**
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 92MM LOCK TO HANDLE SPACING, 45 MM LOCK/HANDLE BACKSET.

**PASSIVE LEAF:**
MANUALLY OPERATED MORTISE LEVER SHOOT BOLT THROUGH ASTRAGAL, NO HANDLE.

---

**OPTION 3**

(TYPE II)

**ACTIVE LEAF:**
AUTOLATCH® MULTIPOINT LOCK SYSTEM, 92MM LOCK TO HANDLE SPACING, 45 MM LOCK/HANDLE BACKSET.

**PASSIVE LEAF:**
MANUALLY OPERATED MORTISE LEVER SHOOT BOLT THROUGH ASTRAGAL, DUMMY HANDLE.

---

**STRIKE PLATE LOCATIONS**

@ ASTRAGAL/JAMB

APPLIES TO ALL LOCK OPTIONS

---

**3-PT LOCK SYSTEM**

ACTIVE / SINGLE DOOR

APPLIES TO ALL LOCK OPTIONS

---

**HINGE LOCATIONS**

**MAX. SPACING SEE TABLE**

---

**STRIKE CL LOCATION**

MEASURED FROM THE BOTTOM

---

**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.
Installation Notes:
1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. FOR MASONRY OR CONCRETE OPENINGS A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
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 INSTALLED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
9. INSTALLATION 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. MASONRY - MINIMUM COMpressive STRENGTH OF 2000 PSI.
   D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS (20 GAUGE).
   E. ALUMINUM - MINIMUM 6063-T5 ALLOY. MINIMUM WALL THICKNESS OF 1/8".

Anchor Schedule:

<table>
<thead>
<tr>
<th>Method</th>
<th>Substrate</th>
<th>Anchor Schedule</th>
<th>Min Embedment</th>
<th>Min. Edge Distance</th>
</tr>
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<tbody>
<tr>
<td>Through Frame</td>
<td>WOOD: MIN. SG = 0.65</td>
<td>#12 WOOD SCREW</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
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<tr>
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<td>METAL: 18 GAUGE, MIN. Fy=33KSI</td>
<td>#14 TEK SCREW</td>
<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
<td>0.75&quot;</td>
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<tr>
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<td>CONCRETE: Fc = 3000PSI</td>
<td>1/4&quot; ITW TAPCON</td>
<td>1.75&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td></td>
<td>MASONRY: CMU per ASTM C90 Fc = 2000PSI</td>
<td>1/4&quot; ITW TAPCON</td>
<td>1.75&quot;</td>
<td>2.5&quot;</td>
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<tr>
<td>Strap Anchor</td>
<td>WOOD: MIN. SG = 0.65</td>
<td>#8 WOOD SCREW</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
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<tr>
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<td>METAL: 18 GAUGE, MIN. Fy=33KSI</td>
<td>#14 TEK SCREW</td>
<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
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<td>WOOD: MIN. SG = 0.65</td>
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<td>0.75&quot;</td>
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<td>ALUMINUM: 14 GAUGE Solid, MIN. Fy=33KSI</td>
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<td>3 THREADS MIN PENETRATION BEYOND METAL</td>
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<td>Strike Plates</td>
<td>SEE SECTIONS 6 &amp; 7 FOR QUANTITIES OF INSTALLATION ANCHORS AS MENTIONED ABOVE</td>
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<tr>
<td>Hinges</td>
<td>2 ANCHORS PER HINGE SEE SECTIONS 6 &amp; 7</td>
<td></td>
<td></td>
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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 SECTION 8.
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN PRODUCTS 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

| L - Mullion Length (in) | W - Tributary Width (in) | 24.0 | 30.0 | 36.0 | 42.0 | 48.0 | 54.0 | 60.0 | 66.0 | 72.0 | 78.0 | 84.0 | 90.0 | 96.0 | 102.0 | 108.0 | 114.0 | 120.0 | 126.0 | 132.0 | 138.0 | 144.0 | 150.0 | 156.0 | 162.0 | 168.0 | 174.0 | 180.0 | 186.0 | 192.0 |
|-------------------------|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                         |                         | 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00| 60.00|

#### Notes:

1. Mullion chart applies to zero 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 Section 8.
6. Tributary width = \( W = \frac{A + B}{2} \)
7. When products 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.

---

### Diagram

```
A + B = W
```

---

### 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.

---

### Building Drops, Inc.

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Dania Beach, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

---

### FL25570

FL #:
PREPARED BY:
DATE:
CHECKED BY:
REMARKS:
TITLE:
BY DATE:
NOTE:
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 SECTION 8.
6) TRIBUTARY WIDTH = W = (A+B)/2
7) WHEN PRODUCTS 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.
2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
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NOTE:
1) MULLION CHART APPLIES TO 3/4" 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.
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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.

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 SECTION 8.

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

7) WHEN PRODUCTS 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 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.

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1) MULLION CHART APPLIES TO 1" X 5-3/16" 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 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.
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