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/I.S.2/A440-08/11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND 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: LAMINATED VENEER LUMBER.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300. SEE SHEET 3 FOR GLAZING DETAILS.
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.

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>REVISION</th>
<th>SHEET DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</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>
</tr>
</tbody>
</table>

GLAZING DETAIL - G1
SHOWN WITH COLONIAL GLASS STOP

GLAZING DETAIL - G2
SHOWN WITH CONTEMPORARY GLASS STOP

GLAZING NOTES:
1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLE ON SECTION 2.0.

GLASS STOP PROFILES ARE INTERCHANGEABLE.
ELEVATION
OUTSWING DOOR WITH 2" MULLION

OTHER QUALIFIED CONFIGURATIONS

NOTE:
1. REFER TO SECTION 9 FOR 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.

E-SERIES HINGED PATIO DOOR
OUTSWING
(NON IMPACT) (NON HVHZ)

PREPARED BY:
100 FOURTH AVE. NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150   FX: (651) 264-5485
OUTSWING DOOR WITH TRANSOM & 2" MULLION

ELEVATION

OTHER QUALIFIED CONFIGURATIONS

NOTE: REFER TO SECTION 2.0, 5.0 & SECTION 9 FOR CONFIGURATIONS, PANEL TYPES & DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES.
VERTICAL SECTION 1
3.1
INSULATED GLASS
1/2" X 5-3/16" MULLION

VERTICAL SECTION 2
3.1
INSULATED GLASS
3/4" X 5-3/16" MULLION

VERTICAL SECTION 3
3.1
INSULATED GLASS
1" X 5-3/16" MULLION

VERTICAL SECTION 4
3.1
INSULATED GLASS
2" X 5-3/16" MULLION

See glazing details sheet 1

O.A. FRAME HEIGHT VARIES
D.L.O. VARIES

3 13/16"
2"

EXTERIOR
INTERIOR

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.
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.

**E-SERIES HINGED PATIO DOOR**

**OUTSWING**

(NON IMPACT) (NON HVHZ)

**SCALE:** NTS

**PREPARED BY:**

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

**TEST STANDARDS UPDATED**

HR 7.2.18

**GLAZING DETAIL UPDATED**

HR 7.2.18

**MULL & DP CHARTS UPDATE**

LL 8.14.19

**DATE:** 10.02.17

**CHECK BY:** HFN

**REMARKS**

BY DATE

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.
HORIZONTAL SECTION

1. **HORIZONTAL SECTION**
   - Zero Mullion
   - Operable to Fixed

2. **HORIZONTAL SECTION**
   - 1/2" x 5-3/16" Mullion
   - Operable to Fixed

3. **HORIZONTAL SECTION**
   - 3/4" x 5-3/16" Mullion
   - Operable to Fixed

4. **HORIZONTAL SECTION**
   - 1" x 5-3/16" Mullion
   - Operable to Fixed

**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.

**Scale:**

NTS

**Prepared By:**

100 Fourth Ave. North
Bayport, MN 55003-1096
Ph: (651) 264-5150  Fx: (651) 264-5485

**Test Standards Updated:**

HR 7.2.18

**Glazing Detail Updated:**

HR 7.2.18

**Wall & DP Charts Updated:**

LL 8.14.19
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.

E-SERIES HINGED PATIO DOOR
OUTSWING (NON IMPACT) (NON HVHZ)

SECTION

HORIZONTAL  SECTION

1. **HORIZONTAL SECTION**
   - FIXED TO OPERABLE
   - D.L.O. VARIES
   - O.A. FRAME WIDTH
   - 2" MULLION

2. **HORIZONTAL SECTION**
   - OPERABLE TO FIXED
   - D.L.O. VARIES
   - O.A. FRAME WIDTH
   - 2" MULLION

3. **HORIZONTAL SECTION**
   - FIXED TO FIXED LITE
   - D.L.O. VARIES
   - O.A. FRAME WIDTH
   - 2" MULLION
PANELS & SIDELITES TYPES

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

SP1
SP2
SP4
SPS
SP1M1
SP1M2
SP1R1
SP1R2
SP1R3
SL1
SL1R1
SL1R2
SL1R3
SL2
SL2M1
SL2M2
SL2M3
ST1
ST1M1
ST1M2
ST1R1
ST1R2
ST1R3
ST2
ST2M1
ST2M2
ST2M3
ST3
ST3M1
ST3M2
ST3R1
ST3R2
ST3R3
ST4
ST5
ST5M1
ST5M2
ST5R1
ST5R2
ST5R3

ALLOWABLE SHAPES

FL25570
DATE: 10.02.17
DwG. # AWD185
Scale: NTS
PREPARED BY:
100 FOURTH AVE. NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150   FX: (651) 264-5485
TEST STANDARDS UPDATED HR 7.2.18
GLAZING DETAIL UPDATED HR 7.2.18
MULL & DP CHARTS UPDATE LL 8.14.19

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.
**Option 1**
(AW Hardware)

**Active Leaf:**
Multicatch™ Multipoint Lock System, 105mm lock to handle spacing, 50mm lock/handle backset.

**Passive Leaf:**
Handle operated shoot bolt through astragal, latch and deadbolt blockers.

**Option 2**
(TYPE I)

**Active Leaf:**
Multicatch™ Multipoint Lock System, 92mm lock to handle spacing, 45mm lock/handle backset.

**Passive Leaf:**
Manually operated mortise lever shoot bolt through astragal, no handle.

**Option 3**
(TYPE II)

**Active Leaf:**
Multicatch™ Multipoint Lock System, 92mm lock to handle spacing, 45mm lock/handle backset.

**Passive Leaf:**
Manually operated mortise lever shoot bolt through astragal, dummy handle.

**Option 4**
(TYPE III)

**Active Leaf:**
Multicatch™ Multipoint Lock System, 105mm lock to handle spacing, 50mm lock/handle backset.

**Passive Leaf:**
Handle operated shoot bolt through the handle, thumb turn lock limited performance for option 4.

### Hinge Locations

<table>
<thead>
<tr>
<th>Frame Opening Height</th>
<th>Actual Door Height</th>
<th>Max. Hinge Spacing (Center to Center)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80.5&quot;</td>
<td>80&quot;</td>
<td>28.52&quot;</td>
</tr>
<tr>
<td>84.5&quot;</td>
<td>84&quot;</td>
<td>30.52&quot;</td>
</tr>
<tr>
<td>96.5&quot;</td>
<td>96&quot;</td>
<td>24.35&quot;</td>
</tr>
<tr>
<td>102.5&quot;</td>
<td>102&quot;</td>
<td>26.35&quot;</td>
</tr>
<tr>
<td>120.5&quot;</td>
<td>120&quot;</td>
<td>32.35&quot;</td>
</tr>
</tbody>
</table>

### Strike Location

**Max. Spacing See Table**

**To be used with 4-pt lock system active single & double door 102" and above**

**Hinge Detail**

**Strike Location**

**Use #8 Screw Typ.**

**Strike Plate Locations**

@ Astragal/Jamb

**3-pt / 4-pt Lock System**

Active / Single Door

Applies to all lock options.
ANCHOR LAYOUT WITH TRANSOM

ACTIVE DOOR LEGEND "X"

<table>
<thead>
<tr>
<th>TWO (2) ANCHOR THRU HINGE PLATE</th>
<th></th>
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<tbody>
<tr>
<td>X</td>
<td></td>
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<tr>
<td>0</td>
<td></td>
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<tr>
<td>ANCHOR THRU END RECEIVER</td>
<td></td>
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<tr>
<td>WOOD OR METAL: THREE (3)</td>
<td></td>
</tr>
<tr>
<td>CONCRETE / MASONRY: TWO (2)</td>
<td></td>
</tr>
<tr>
<td>+</td>
<td></td>
</tr>
<tr>
<td>ANCHOR THRU CENTER RECEIVER</td>
<td></td>
</tr>
<tr>
<td>WOOD OR STEEL: THREE (3)</td>
<td></td>
</tr>
<tr>
<td>CONCRETE / MASONRY: TWO (2)</td>
<td></td>
</tr>
<tr>
<td>-</td>
<td></td>
</tr>
<tr>
<td>ANCHOR THRU STRIKE HEAD PLATE:</td>
<td></td>
</tr>
<tr>
<td>WOOD OR STEEL: TWO (2)</td>
<td></td>
</tr>
<tr>
<td>DETAIL C: WOOD OR STEEL: FOUR (4)</td>
<td>CONCRETE / MASONRY: TWO (2)</td>
</tr>
<tr>
<td>-</td>
<td></td>
</tr>
<tr>
<td>ANCHOR THRU STRIKE SILL PLATE:</td>
<td></td>
</tr>
<tr>
<td>WOOD OR STEEL: TWO (2)</td>
<td></td>
</tr>
<tr>
<td>DETAIL D: WOOD OR STEEL: FOUR (4)</td>
<td>CONCRETE / MASONRY: TWO (2)</td>
</tr>
<tr>
<td>+</td>
<td></td>
</tr>
<tr>
<td>ANCHOR MED-Span BETWEEN HINGES</td>
<td></td>
</tr>
<tr>
<td>AND STRIKE PLATES</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: ANCHOR LOCATIONS APPLY TO SCREWS THROUGH FRAME, ALUMINUM MAX. FIN & STRAP INSTALLATION.

DESIGN PRESSURE "A" DIMENSION

UP TO 80 PSF 13" MAX. O.C.

ANCHOR MID-SPAN BETWEEN HINGES AND STRIKE PLATES

NOTE: 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.
### 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>
</thead>
<tbody>
<tr>
<td>Through Frame</td>
<td>Wood: Min. SG = 0.55</td>
<td>#12 Wood Screw</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td></td>
<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>
</tr>
<tr>
<td></td>
<td>Concrete: f'c = 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 C30 f'c = 2000psi</td>
<td>1/4&quot; ITW Tapcon</td>
<td>1.75&quot;</td>
<td>2.5&quot;</td>
</tr>
<tr>
<td>Strap Anchor</td>
<td>Wood: Min. SG = 0.55</td>
<td>#8 Wood Screw</td>
<td>1.5&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<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>
</tr>
<tr>
<td></td>
<td>Wood: Min. SG = 0.55</td>
<td>#8 Wood Screw</td>
<td>1.5&quot;</td>
<td>0.75&quot;</td>
</tr>
<tr>
<td>Aluminum Nail Fin</td>
<td>Metal: 18 Gauge Steel, Min. Fy=33ksi</td>
<td>#8 Tek Screw</td>
<td></td>
<td>0.75&quot;</td>
</tr>
</tbody>
</table>

### 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, FSDM, 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.
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".
NOTE:

1) MULLION CHART APPLIES TO ZER0 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 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.
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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.
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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.

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 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.
5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SECTION 8.
6) TRIBUTARY WIDTH = W = (A+B)/2
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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.
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### MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

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<tr>
<th>L - Mullion Length (in)</th>
<th>24.0</th>
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**3/4" X 5 3/16" MULLION**

<table>
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<tr>
<th>L</th>
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<th>W</th>
<th>A + B = W/2</th>
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<tr>
<td>L</td>
<td>A</td>
<td>B</td>
<td>W</td>
<td>A + B = W/2</td>
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</tbody>
</table>

**NOTES:**
- 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](http://www.buildingdrops.com)

**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.

**TEST STANDARDS UPDATED**
- HR 7.2.18

**GLAZING DETAIL UPDATED**
- HR 7.2.18

**MULL & DP CHARTS UPDATE**
- LL 8.14.19

**DATE:**
- 10.02.17

**DRAWN BY:**
- 100 Fourth Ave. North
- Bayport, MN 55003-1096
- Ph: (651) 264-5150   Fax: (651) 264-5485

**CHECKED BY:**
- Building Drops, Inc.
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- Dania Beach, FL 33004
- Ph: (954)399-8478
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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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### Maximum Design Pressure Capacity Chart (PSF)

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</table>

1" X 5 3/16" MULLION

![Diagram of a Mullion]
NOTE:

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.

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

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NOTE:
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</table>

2" X 5 3/16" STRUCTURAL MULLION (ONE-WAY CONFIGURATION)
NOTE:
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