ANDERSEN CORPORATION

E-SERIES DOUBLE HUNG FULL FRAME WINDOW

(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND
MANUFACTURED TO COMPLY WITH THE CURRENT EDITION
(2017) FLORIDA BUILDING CODE (FBC) EXCLUDING HVHZ. ALL
PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE 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 LOADS TO
THE FOUNDATION IS THE RESPONSIBILITY OF THE
ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF
INSTALLATION.
3. 2X 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 IN NON-HVHZ
AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO
BE OBTAINED FROM MIAMI-DADE PERA OR AHJ.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO
PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT
RESISTANCE.
6. WINDOW/DOOR FRAMING MATERIAL: PONDEROSA PINE OR
EQUIVALENT (G.S.=0.45).
7. MULLION MATERIAL: LAMINATED VENEER LUMBER.
8. IN ACCORDANCE WITH CH24 OF CURRENT FLORIDA BUILDING
CODE, WOOD COMPONENTS SHALL HAVE BEEN
PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
9. IN ACCORDANCE WITH THE CH20 OF CURRENT FLORIDA
BUILDING CODE, DISIMILAR METALS INCLUDING FASTENERS
THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT
FRAMING SHALL BE PROTECTED.
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.

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. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX
VALUES SHOWN IN DESIGN PRESSURE TABLE ON SHEET 1.

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**OVERALL FRAME SIZE**

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**OVERALL D.L.O. DIMENSION**

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**GLASS TYPE**

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**GLAZING DETAIL, G1**

SHOWN WITH COLONIAL GLASS STOP

**GLAZING DETAIL, G2**

SHOWN WITH CONTEMPORARY GLASS STOP

5/8” O.A. INSULATED GLASS

0.50” GLASS BITE

EXTERIOR

INTERIOR

5/8” O.A. INSULATED GLASS

0.50” GLASS BITE

EXTERIOR

INTERIOR

GLAZING DETAIL, G1

GLAZING DETAIL, G2
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 DOUBLE HUNG FULL FRAME WINDOW
NOTE:
REFER TO SHEETS 11-31 FOR DESIGN PRESSURES BASED ON CORRESPONDING MULLION TYPES
NOTE:
FOR MORE ANCHOR INFORMATION
(INSTALLATION TYPE, SPACING,
QUANTITY, TYPE, QUALIFIED
SUBSTRATES) SEE SHEET 10-11
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

INSULATED GLASS

Arched Interior

O.A. Frame Height

Max. D.L.O. Height

Max. D.L.O. Height

SEE GLAZING DETAIL SHEET 1

SEE GLAZING DETAIL SHEET 1

SEE GLAZING DETAIL SHEET 1

INTERIOR

EXTERIOR

EXTERIOR

1 1/2" MDL

1 1/8" MDL

5/8" MDL

7/8" MDL

optional Muntin Bar Attachment to Glass
E-SERIES DOUBLE HUNG FULL FRAME WINDOW

**A**

**VERTICAL SECTION**

**INSULATED GLASS**

1/2" X 5-3/16" MULLION

SEE GLAZING DETAIL SHEET 1

**B**

**VERTICAL SECTION**

**INSULATED GLASS**

3/4" X 5-3/16" MULLION

SEE GLAZING DETAIL SHEET 1

**C**

**VERTICAL SECTION**

**INSULATED GLASS**

1" X 5-3/16" MULLION

SEE GLAZING DETAIL SHEET 1

**D**

**VERTICAL SECTION**

**INSULATED GLASS**

2" X 5-3/16" MULLION

SEE GLAZING DETAIL 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.

PREPARED BY:

OF 31
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 DOUBLE HUNG FULL FRAME WINDOW

FL24229

DATE: 10.09.17

DWG #: AWD203

OF 31
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.

A. HORIZONTAL SECTION
INSULATED GLASS
1/2" X 5-3/16" MULLION

B. HORIZONTAL SECTION
INSULATED GLASS
3/4" X 5-3/16" MULLION

C. HORIZONTAL SECTION
INSULATED GLASS
1" X 5-3/16" MULLION

D. HORIZONTAL SECTION
INSULATED GLASS
2" X 5-3/16" MULLION
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.

**A**
**ANCHOR DETAILS**
THROUGH FRAME (HEAD AND SIDES ONLY)

**B**
**ANCHOR DETAILS**
STRAP ANCHOR (SILL, HEAD, AND SIDES)

**C**
**ANCHOR DETAILS**
THROUGH ALUMINUM FIN (HEAD AND SIDES ONLY)

**D**
**ANCHOR DETAILS**
THROUGH ALUMINUM FIN SILL

**E**
**ANCHOR DETAILS**
THROUGH VINYL FIN (HEAD AND SIDES ONLY)
# Anchor Details

## Through Strap (Head and Sides Only)

### Anchor Schedule

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<th>Installation Type</th>
<th>Anchor Qty Per Location</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Embedment (In.)</th>
<th>Edge Distance (In.)</th>
<th>Max. Head/Sill O.C. Distance (In.)</th>
<th>Max. Jambr O.C. Distance (In.)</th>
<th>Max. Corner Distance (In.)</th>
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**NOTE:** VINYL NAILING FLANGE INSTALLATIONS ARE LIMITED TO UNITS EQUAL TO OR LESS THAN DP +50/-50 AND ASSEMBLIES LESS THAN OR EQUAL TO 30 SQUARE FEET.

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

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

6. **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.**

---

**ANCHOR SCHEDULE**

**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

**SCALE:** NTS

**DATE:** 10.09.17

**Dwg. #:** AWD203

**Sheet:** 11

**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.**
### ZERO MULLION LOAD TABLES

**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 SHEETS 10-11**
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 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 SHEETS 10-11
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" 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 SHEETS 10-11**
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.**

### TABLE 1/2" X 5 3/16" MULLION HORIZONTAL TRANSOM

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

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" 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 SHEETS 10-11
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.
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**NOTE:**

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

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

3) MAXIMUM DEFORMATION 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 SEPARATE FL OR MIAMI-DADE APPROVAL.

5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEETS 10-11

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)

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

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NOTE:
1) MULLION CHART APPLIES TO 3/4" 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 1" 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 SHEETS 10-11.

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)**

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**NOTE:**

1. MULLION CHART APPLIES TO 1" 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" 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 SHEETS 10-11
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.
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MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

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

<table>
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<tr>
<th>L - Mull Length (in)</th>
<th>T - Tributary Width (in)</th>
<th>Pressure (PSF)</th>
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TRIBUTARY WIDTH = W = (A+B)/2

2" X 5 3/16" MULLION HORIZONTAL TRANSOM

A + B = W

2
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.
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Zero Mullion

NOTE:
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NOTE:

1) MULLION CHART APPLIES TO 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.

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5) MULLION CHART APPLIES TO THE FOLLOWING INSTALLATION CONDITIONS AS LISTED ON SHEETS 10-11

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.
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NOTE:
1) MULLION CHART APPLIES TO 3/4" MULL ASSEMBLIES, WHEN MULLED IN ONE-WAY CONFIGURATIONS.
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### Maximum Design Pressure Capacity Chart (PSF)

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**Note:**

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1" X 5 3/16" MULLION

MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)

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NOTE:
1) MULLION CHART APPLIES TO 1" 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 SHEETS 10-11
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" 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 SHEETS 10-11.
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" 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 SHEETS 10-11
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" 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 SHEETS 10-11**
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.**

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**MAXIMUM DESIGN PRESSURE CAPACITY CHART (PSF)**

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

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**2" X 5 3/16" MULLION**

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**FL24229**

**DATE:** 10.09.17

**DWG. BY:** AG

**CHECKED BY:** HFN

**SCALE:** NTS

**DWG. #:** AWD203

**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.__

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**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