### General Notes:
1. The product shown herein is designed and manufactured to comply with the current Florida Building Code (FBC), including HVHZ and has been evaluated according to the following:
   - TAS 201-94
   - TAS 202-94
   - TAS 203-94
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.
6. Window frame material: Aluminum clad wood.
7. Glass meets the requirements of ASTM E1300. See glazing details on Sheet 1.
8. Designations “X” and “O” stand for the following:
   - X: Operable panel
   - O: Fixed panel
9. Custom sizes available upon request. Custom design pressure will be assigned equal to next larger standard size.

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<td>Horizontal Sections</td>
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<tr>
<td>6</td>
<td>B</td>
<td>Anchor Details</td>
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### Glazing Notes:
1. Glass type complies with ASTM E1300 requirements.
2. Setting blocks to be located at 1/4 span length for glass wider than 36" as per FBC Chapter 24.
3. Setting block durometer hardness of 70-90 (Shore A) as referenced in FBC Chapter 24.
4. Glass type shall comply with applicable glazing requirements per Chapter 24 of the FBC.

### Glazing Details:

**GLAZING DETAIL G1**
- 1/8" (Nominal) O.A. consisting of:
  - 1/8" annealed
  - 0.090" Sentryglas interlayer by Kuraray America
  - 1/8" annealed

**GLAZING DETAIL G2**
- 3/4" (Nominal) O.A. consisting of:
  - 1/8" annealed
  - 0.090" Sentryglas interlayer by Kuraray America
  - 1/8" annealed
  - Air space: Stainless steel box spacer
  - 5/32" annealed

**GLAZING DETAIL G3**
- 1/2" glass bite 1" from ends & 6" O.C.

**GLAZING DETAIL G4**
- 1/8" (Nominal) O.A. consisting of:
  - 1/8" annealed
  - 0.090" Sentryglas interlayer by Kuraray America
  - 1/8" annealed

### Table

<table>
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<tr>
<th>Window Type</th>
<th>Overall Frame Size</th>
<th>Overall D.O. Dimension</th>
<th>Glass Type</th>
<th>No. Lock Points</th>
<th>Design Pressure (PSF)</th>
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<td>Height (in.)</td>
<td>Width (in.)</td>
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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 AWNING WINDOW**

**WIDTH | HEIGHT | PSF**

- 48" | 66.0" | +65/-65
- 48" | 60.0" | +65/-70
- 48" | 36.0" | +70/-80

**SCALE:** NTS
**DRAWING BY:** RV
**CHECKED BY:** HFN
**DATE:** 10.08.17
**DRAWING NUMBER:** AWD224

**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
FRAME ANCHORING
SINGLE UNIT

ALUMINUM FIN ANCHORING
SINGLE UNIT

NOTE:
FOR MORE ANCHOR INFORMATION
(INSTALLATION TYPE, SPACING, QUANTITY,
ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE
SHEET 6

MAX. O.C. DISTANCE (SEE ANCHOR SCHEDULE)
MAX. O.C. DISTANCE (SEE ANCHOR SCHEDULE)
MAX. O.C. DISTANCE (SEE ANCHOR SCHEDULE)
MAX. O.C. DISTANCE (SEE ANCHOR SCHEDULE)

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 6
OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS

SEE SHEET 1 FOR GLAZING DETAILS

D.L.O.

O.A. WINDOW FRAME HEIGHT

SEE SHEET 1 FOR GLAZING DETAILS

D.L.O.

O.A. WINDOW FRAME HEIGHT

SEE SHEET 1 FOR GLAZING DETAILS

SEE SHEET 1 FOR GLAZING DETAILS

VERTICAL SECTION

INSULATED GLASS

VERTICAL SECTION

MONOLITHIC GLASS

1 1/2" MDL BAR

1 1/2" MDL ADHESIVE TAPE

1 1/8" MDL BAR

1 1/8" MDL ADHESIVE TAPE

7/8" MDL BAR

7/8" MDL ADHESIVE TAPE

OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS
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 AWNING WINDOW (HVHZ) (IMPACT)**

**FL24227**

**DATE:** 10.08.17

**DWG. #: AWD224**
**ANCHOR SCHEDULE**

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<tr>
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<th>SUBSTRATE</th>
<th>ANCHOR SCHEDULE</th>
<th>MIN EMBEDMENT</th>
<th>MIN. EDGE DISTANCE</th>
<th>FROM CORNERS</th>
<th>O.C. HEAD &amp; SILL</th>
<th>O.C. JAMBS</th>
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<td>18&quot;</td>
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<tr>
<td></td>
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</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 (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.