ANDERSEN CORPORATION

E-SERIES FIXED CASEMENT WINDOW - DIRECT SET (1-PC FRAME)
(HVHZ) (IMPACT)

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.

GLAZING DETAILS:
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 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.

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SHEET</th>
<th>REVISION</th>
<th>SHEET DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 B</td>
<td></td>
<td>GENERAL NOTES AND GLAZING DETAILS</td>
</tr>
<tr>
<td>2 B</td>
<td></td>
<td>ELEVATIONS AND QUALIFIED CONFIGURATIONS</td>
</tr>
<tr>
<td>3 B</td>
<td></td>
<td>ANCHOR LAYOUTS</td>
</tr>
<tr>
<td>4 B</td>
<td></td>
<td>VERTICAL SECTIONS</td>
</tr>
<tr>
<td>5 B</td>
<td></td>
<td>HORIZONTAL SECTIONS</td>
</tr>
<tr>
<td>6 B</td>
<td></td>
<td>ANCHOR DETAILS</td>
</tr>
</tbody>
</table>

WINDOW TYPE

<table>
<thead>
<tr>
<th>WINDOW TYPE</th>
<th>OVERALL FRAME SIZE</th>
<th>OVERALL D.L.O. DIMENSION</th>
<th>GLASS TYPE</th>
<th>DESIGN PRESSURE (PSF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WIDTH (IN.)</td>
<td>HEIGHT (IN.)</td>
<td>POS.</td>
<td>NEG.</td>
</tr>
<tr>
<td>FIXED</td>
<td>48.0</td>
<td>72.0</td>
<td>G2</td>
<td>+65</td>
</tr>
<tr>
<td>FIXED</td>
<td>60.0</td>
<td>96.0</td>
<td>G1</td>
<td>+70</td>
</tr>
</tbody>
</table>

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

6TH FBC CODE CHANGE RV 10/17
FORMAT UPDATE RL 8/16

PREPARED BY:

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

FL24230
DATE: 10.12.17
DWG. BY: RV CHK. BY: HFN
SCALE: NTS
DWG.#: AWD212
SHEET: 1 OF 6
NOTE: WINDOW WIDTH AND HEIGHT ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM QUALIFIED SQUARE FOOT AREA.
NOTE:
VINYL 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.

NOTE:
FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES, SEE SHEET 6
OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS

A  VERTICAL SECTION
INSULATED GLASS

B  VERTICAL SECTION
MONOLITHIC GLASS

SEE SHEET 1 FOR GLAZING OPTIONS
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. **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 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. 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.

7. 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

<table>
<thead>
<tr>
<th>INSTALLATION TYPE</th>
<th>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. JAMB O.C. DISTANCE (IN.)</th>
<th>MAX. CORNER DISTANCE (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRAP</td>
<td>1</td>
<td>WOOD</td>
<td>#8 WOOD ANCHOR</td>
<td>1.50</td>
<td>0.75</td>
<td>16.0</td>
<td>18.0</td>
<td>6.0</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>CONCRETE/MASONRY</td>
<td>3/16&quot; ITW TAPCON</td>
<td>1.25</td>
<td>2.50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>METAL STUD</td>
<td>#8 SELF-TAPPING SCREW 3 THREADS</td>
<td>1.50</td>
<td>0.75</td>
<td>16.0</td>
<td>18.0</td>
<td>6.0</td>
</tr>
<tr>
<td>THRU FRAME</td>
<td>1</td>
<td>WOOD</td>
<td>#10 WOOD ANCHOR</td>
<td>3/16&quot; ITW TAPCON</td>
<td>1.25</td>
<td>2.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>METAL STUD</td>
<td>#10 SELF-TAPPING SCREW 3 THREADS</td>
<td>1.50</td>
<td>0.75</td>
<td>16.0</td>
<td>18.0</td>
<td>6.0</td>
</tr>
<tr>
<td>THRU ALUMINUM</td>
<td>1</td>
<td>WOOD</td>
<td>11 GA. ROOFING NAIL</td>
<td>1.50</td>
<td>0.75</td>
<td>12.0</td>
<td>12.0</td>
<td>3.0</td>
</tr>
<tr>
<td>FIN</td>
<td>1</td>
<td>METAL STUD</td>
<td>#8 SELF-TAPPING SCREW 3 THREADS</td>
<td>1.50</td>
<td>0.75</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>