ANDERSEN CORPORATION
E-SERIES SPECIALTY (AUXILIARY) FIXED WINDOW
(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 203-94
   - TAS 202-94
   - TAS 209-94
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.

**GLAZING DETAIL 1**
SHOWN WITH COLONIAL GLASS STOP
1-1/4" O.A. INSULATED GLASS
1/4" ANNEALED GLASS
0.090" SENTRYGLAS INTERLAYER BY KURARAY AMERICA
AIR SPACE: STAINLESS STEEL BOX SPACER
3/16" HEAT STRENGTHENED GLASS

**GLAZING DETAIL 2**
SHOWN WITH CONTEMPORARY GLASS STOP
1/2" GLASS

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**OVERALL FRAME SIZE**

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<tr>
<th>OVERALL FRAME SIZE</th>
<th>OVERALL D.L.O. DIMENSION</th>
<th>GLASS TYPE</th>
<th>DESIGN PRESSURE (PSF)</th>
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<tr>
<td>WIDTH (IN.)</td>
<td>HEIGHT (IN.)</td>
<td>WIDTH (IN.)</td>
<td>HEIGHT (IN.)</td>
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<tr>
<td>60.0</td>
<td>96.0</td>
<td>56.0</td>
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NOTE:
WINDOW WIDTH AND HEIGHT ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM QUALIFIED SQUARE FOOT AREA.

FRAME HEIGHT
92" MAX. O.A.

FRAME WIDTH
96" MAX. O.A.

D.L.O. HEIGHT
92" MAX. O.A.

D.L.O. WIDTH
80" MAX. O.A.

ELEVATION
SINGLE UNIT

"O"

NOTE:
WINDOW WIDTH AND HEIGHT ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM QUALIFIED SQUARE FOOT AREA.
FRAME ANCHORING

RETRACTABLE/SQUARE SINGLE UNIT

MAXIMUM DISTANCE TO CONCEAL
HANGING SCREWS AND BUTTONS
SEE ANCHOR SCHEDULE

3.0" MAX.
FROM CORNER

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

NOTE:
NAILING FLANGE INSTALLATIONS ARE LIMITED TO INDIVIDUAL UNITS OR ASSEMBLIES EQUAL TO OR LESS THAN DP50 AND EQUAL TO OR LESS THAN 30 SQUARE FEET.

ALUMINUM FIN ANCHORING

SINGLE UNIT

MAXIMUM DISTANCE TO CONCEAL
HANGING SCREWS AND BUTTONS
SEE ANCHOR SCHEDULE

3.0" MAX.
FROM CORNER
OPTIONAL MUNTIN BAR
ATTACHEMENT TO GLASS

SEE GLAZING DETAILS SHEET 1

INTERIOR

1 1/2" MDL

1 1/8" MDL

7/8" MDL

EXTERIOR

SEE GLAZING DETAILS SHEET 1

O.A. WINDOW FRAME HEIGHT
D.L.O. HEIGHT

O.A. WINDOW FRAME HEIGHT
D.L.O. HEIGHT

MONOLITHIC GLASS

INSULATED GLASS

D.L.O. HEIGHT
INTERIOR
EXTERIOR

SEE GLAZING DETAILS SHEET 1

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HORIZONTAL SECTION

A
MONOLITHIC GLASS

B
INSULATED GLASS

D.L.O. WIDTH
EXTERIOR
O.A. WINDOW
FRAME WIDTH

SEE GLAZING DETAILS SHEET 1

HORIZONTAL SECTIONS

SHEET: DWG. #:

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150   FX: (651) 264-5485

FORMAT UPDATE LL 7.15.19

PREPARED BY:

AG

CHK. BY:

HFN

REMARKS

TITLE:

BY DATE

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HORIZONTAL SECTION

A
MONOLITHIC GLASS

B
INSULATED GLASS

D.L.O. WIDTH
EXTERIOR
O.A. WINDOW
FRAME WIDTH

SEE GLAZING DETAILS SHEET 1

HORIZONTAL SECTIONS

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HORIZONTAL SECTION

A
MONOLITHIC GLASS

B
INSULATED GLASS

D.L.O. WIDTH
EXTERIOR
O.A. WINDOW
FRAME WIDTH

SEE GLAZING DETAILS SHEET 1

HORIZONTAL SECTIONS

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HORIZONTAL SECTION

A
MONOLITHIC GLASS

B
INSULATED GLASS

D.L.O. WIDTH
EXTERIOR
O.A. WINDOW
FRAME WIDTH

SEE GLAZING DETAILS SHEET 1

HORIZONTAL SECTIONS

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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. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. 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.
### BILL OF MATERIALS

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<td>A</td>
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<tr>
<td>C</td>
<td>1X BUCK (SG&gt;=0.55)</td>
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<tr>
<td>D</td>
<td>2X BUCK (SG&gt;=0.55)</td>
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<tr>
<td>E</td>
<td>1/4&quot; X 2-3/4&quot; PFH ELCO OR ITW CONCRETE SCREW</td>
<td>STEEL</td>
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<tr>
<td>F</td>
<td>MASONRY - 3,000 PSI MIN CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90</td>
<td>CONCRETE</td>
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<tr>
<td>G</td>
<td>1/4&quot; X 3-3/4&quot; PFH WOOD SCREW</td>
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<td>18GA X 1-1/4&quot; BRAD TRIM NAIL</td>
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### Diagram

- **56** AUXILIARY FRAME
- **57** STD. FRAME CLADDING
- **58** SECONDARY STOP 1-13/16" NOMINAL GLASS
- **59** SECONDARY STOP 1-1/4" NOMINAL GLASS
- **63** GLASS STOP
- **70** NAIL FIN ALUMINUM
- **79** STRAP ANCHOR