1. The product shown herein is designed and manufactured to comply with the Florida Building Code 6th Edition (2017).
2. Enclosure to be designed and anchored to properly transfer all loads to structure. Enclosure is the responsibility of the architect or engineer of record.
3. Window vents shall be removed when 3 second gusts, V2S=75 mph as per section 1602.2.1 of the Florida Building Code. Removable panels shall be indentified as removable by a decal. The identification decal shall essentially state: "Removable panel shall be removed when wind speeds exceed 75 mph (93ms)." Decals shall be placed such that the decal is visible when the panel is installed.
4. An approved membrane or material shall be placed between all dissimilar metals to control galvanic corrosion.
5. Window frame and vent material shall be aluminum alloy 6063-T5.
6. Use latex caulk to seal behind flanges, between component seams and frame corners. Application of latex caulk must comply with sealant manufacturer's recommendations.
7. JAMMs, Sills, Lumines and all anchors to be sealed with small joint sealant.
8. #10 SMS screws installation anchors must be spaced as follows: Head and Sill: 6" max, from corners and spaced 19" max, O.C. Sides: 6" max, from corners and spaced 17" max, O.C. Optional: 8# SMS installation anchors, 6" max, from corners and spaced max. 12" O.C.
9. Section 1622.1, screen enclosures for hvHz.

Design pressure rating: ±14.4 psf
14.4 psf is equivalent to 75 mph. Reference test report NCTL-210-3545-1 NAMI # N009608

* AS PER LATEST REVISION OF RULE 9B-72. WIND BREAKERS ARE NO LONGER REQUIRED TO BE FBC APPROVED.
REFERENCE 9B-72.010 (31) (b) WIND BREAKERS ARE NO LONGER A SUB CATEGORY

GLASS WINDBREAKERS OVER 84" HIGH BUT NOT GREATER THAN 96" MUST HAVE FULLY TEMPERED GLASS AND INCLUDE THE MEETING RAIL STIFFENER PART NUMBER XR88-12. (SEE SHEETS 5 THROUGH 7)

Digitally signed by
Mark Smith
Date: 2020.04.17
07:00:08 -04'00'

16031 Clark Center Ave.
Sarasota, Florida 34238

Window Craftsmen, Inc.
ELEVATION - 3 TRACK (6 PANEL)

ELEVATION - 4 TRACK (7 PANEL)

ELEVATION - 4 TRACK (8 PANEL)

NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017).
2. ENCLOSURE TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. ENCLOSURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WINDOW JAMBS SHALL BE REMOVED WHEN 3 SECOND GUSTS, V3S=75 MPH AS PER SECTION 1622.2.1 OF THE FLORIDA BUILDING CODE. REMOVABLE PANELS SHALL BE IDENTIFIED AS REMOVABLE BY A DECAL. THE IDENTIFICATION DECAL SHALL ESSENTIALLY STATE: "Removable panel shall be removed when wind speeds exceed 75 mph (34m/s)." DECALS SHALL BE PLACED SUCH THAT THE DECAL IS VISIBLE WHEN THE PANEL IS INSTALLED.
4. AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
5. WINDOW FRAME AND VENT MATERIAL SHALL BE ALUMINUM ALLOY 6063-T5.
6. USE LATEX CAULK TO SEAL BEHIND FLANGES, BETWEEN COMPONENT SEAMS AND FRAME CORNERS. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
7. JAMBO / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEAL SEALANT.
8. #10 S/S SCREWS INSTALLATION ANCHORS MUST BE SPACED AS FOLLOW:
   HEAD AND SILL: 6" MAX, FROM CORNERS AND SPACED 15" MAX, O.C.
   SIDE JAMBS: 6" MAX, FROM CORNERS AND SPACED 17" MAX, O.C.
   OPTIONAL SILL: #8 S/S INSTALLATION ANCHORS, 6" MAX, FROM CORNERS
   AND SPACED MAX. 15" O.C.
9. SECTION 1622.1, SCREEN ENCLOSURES FOR H/V/Z.

DESIGN PRESSURE RATING: ±14.4PSF
14.4PSF IS EQUIVALENT TO 75MPH. REFERENCE TEST REPORT NCTL-210-3545-1 NAMI # NI009608

* AS PER LATEST REVISION OF RULE 9B-72, WIND BREAKERS ARE NO LONGER REQUIRED TO BE FBC APPROVED.
REFERENCE 9B-72.110 (31) (b) WIND BREAKERS ARE NO LONGER A SUB CATEGORY

GLASS WINDBREAKERS OVER 84" HIGH BUT NOT GREATER THAN 96" MUST HAVE FULLY TEMPERED GLASS AND INCLUDE THE MEETING RAIL STIFFENER PART NUMBER XRB8-12. (SEE SHEETS 5 THROUGH 7)
**VERTICAL SECTION**

**A**

2 TRACK (OUTSIDE MOUNT SHOWN)

(INSIDE MOUNT SIMILAR)

- 5/16" INSTALLATION SCREW ANCHOR
- WINDOW FRAME HEAD
- WINDOW FRAME HEAD WITH SCREEN TRACK
- ALTERNATE ANCHOR LOCATION: 0.125" MAX SPACE

**B**

3 TRACK (OUTSIDE MOUNT SHOWN)

(INSIDE MOUNT SIMILAR)

- 5/16" INSTALLATION SCREW ANCHOR
- WINDOW FRAME HEAD
- WINDOW FRAME HEAD WITH SCREEN TRACK
- ALTERNATE ANCHOR LOCATION: 0.125" MAX SPACE

**C**

4 TRACK (OUTSIDE MOUNT SHOWN)

(INSIDE MOUNT SIMILAR)

- 5/16" INSTALLATION SCREW ANCHOR
- WINDOW FRAME HEAD
- WINDOW FRAME HEAD WITH SCREEN TRACK
- ALTERNATE ANCHOR LOCATION: 0.125" MAX SPACE

Digital signature by Mark Smith

Date: 2020.04.17

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WINDOW CRAFTSMEN, INC.
6031 Clark Center Ave.
Sarasota, Florida 34238

Title: 2, 3, and 4 Track I.S.M. & O.S.M. Horizontal Glass Windbreaker Vertical Sections

Engineer: Mark A. Smith

Drawn by: MAS

Date: 7/29/17

Discipline: Civil

Scale: Notations

License: No.

FL Reg. No.: 55511

Rev. Letter: 1

Sheet: 3

Prepared by Mark Smith, P.E. 3738 Kingswood Drive, Sarasota, FL 34232 Phone: 941-953-9620
NOTES:
1. THE PRODUCT SHOWN HEREBIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017).
2. ENCLOSURE TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. ENCLOSURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WINDOW VENTS SHALL BE REMOVED WHEN 3 SECOND GUSTS V30=75 MPH AS PER SECTION 1622.2.1 OF THE FLORIDA BUILDING CODE. REMOVABLE PANELS SHALL BE IDENTIFIED AS REMOVABLE BY A DECAL. THE IDENTIFICATION DECAL SHALL ESSENTIALLY STATE: "REMOVABLE PANEL SHALL BE REMOVED WHEN WIND SPEEDS EXCEED 75 MPH (34 m/s)." DECAPS SHALL BE PLACED SUCH THAT THE DECAL IS VISIBLE WHEN THE PANEL IS INSTALLED.
4. AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
5. WINDOW FRAME AND VENT MATERIAL SHALL BE ALUMINUM ALLOY 6063-T5.
6. USE LATEX CAULK TO SEAL BEHIND FLANGES, BETWEEN COMPONENTS & FRAME. CORNERs. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
7. JAMD / SILL CORNERS AND ALL ANCHORS TO BE SEALED WITH SMALL JOINT SEALANT.
8. #10 SMS SCREWS INSTALLATION ANCHORS MUST BE SPACED AS FOLLOWS: HEAD AND SILL: 6" MAX. FROM CORNERS AND SPACED 12" MAX. O.C.
9. SIDE JAMIS: 6" MAX. FROM CORNERS AND SPACED 12" MAX. O.C.
OPTIONAL, SILL: #10 SMS INSTALLATION ANCHORS, 6" MAX. FROM CORNERS AND SPACED MAX. 12" O.C.
9. SECTION 1622.1, SCREEN ENCLOSURES FOR HVHZ.

DESIGN PRESSURE RATING: ±14.4PSF
14.4PSF IS EQUIVALENT TO 75MPH. REFERENCE TEST REPORT NCTL-210-3545-1 NAMI # N10096058
SIZE DETERMINED BY USING TEMPERED GLASS IN ASTM E-1300 AND CALCULATION WITH XRB-12 STIFFENER EXTRUSION

* AS PER LATEST REVISION OF RULE 9B-72, WIND BREAKERS ARE NO LONGER REQUIRED TO BE FBC APPROVED.
REFERENCE 9B-72.010 (31) (b) WIND BREAKERS ARE NO LONGER A SUB CATEGORY

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Date: 2020.04.17
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WINDO W CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

ENGINEER: MARK A. SMITH DRAWN BY: MAS DATE: 6/29/17
DISCIPLINE: CIVIL SCALE: N.T.S.
CIVIL NO: WDC-GS002
FL. REG. NO.: 55511 REV. LETTER: T SHEET 5

MARK SMITH, PE 3735 KINGSWOOD DRIVE, SARASOTA, FL 34232 PH: 941-933-9620
NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE 8TH EDITION (2017).
2. ENCLOSURE TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. ENCLOSURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. WINDOW VENTS SHALL BE REMOVED WHEN 3 SECOND GUSTS, V50=75 MPH AS PER SECTION 10.22.1 OF THE FLORIDA BUILDING CODE. REMOVABLE PANELS SHALL BE IDENTIFIED AS REMOVABLE BY A DECAL. THE IDENTIFICATION DECAL SHALL ESSENTIALLY STATE: *Removable panel shall be removed when wind speeds exceed 75 mph (34m/s).* DECALS SHALL BE PLACED SUCH THAT THE DECAL IS VISIBLE WHEN THE PANEL IS INSTALLED.
4. AN APPROVED MEMBRANE OR MATERIAL SHALL BE PLACED BETWEEN ALL DISSIMILAR METALS TO CONTROL GALVANIC CORROSION.
5. WINDOW FRAME AND VENT MATERIAL SHALL BE ALUMINUM ALLOY 6063-T5.
6. USE LATEX CAULK TO SEAL BEHIND FLANGES, BETWEEN COMPONENT SEAMS AND FRAME CORNERS. APPLICATION OF LATEX CAULK MUST COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
7. JAM R/W REC CORNERS AND ALL ANCHORS TO BE READER WITH SMALL JUMP SEAM SEALANT.
8. #15 SMS SCREWS INSTALLATION ANCHORS MUST BE SPACED AS FOLLOWS: HEAD AND SILL: 6" MAX. FROM CORNERS AND SPACED 19" MAX. O.C.; SIDE JAMBS: 6" MAX. FROM CORNERS AND SPACED 17" MAX. O.C. OPTIONAL SILL: #8 SMS INSTALLATION ANCHORS, 5" MAX. FROM CORNERS AND SPACED MAX. 12" O.C.
9. SECTION 1622.1, SCREEN ENCLOSURES FOR HVHZ.

DESIGN PRESSURE RATING: ±14.4PSF
14.4PSF IS EQUIVALENT TO 75MPH. REFERENCE TEST REPORT NCGL-210-3545-1 NAMI# N009608
SIZE DETERMINED BY USING TEMPERED GLASS IN ASTM E-1300 AND CALCULATION WITH XR88-12 STIFFENER EXTRUSION IN MEETING RAILS

* AS PER LATEST REVISION OF RULE 98-72, WIND BREAKERS ARE NO LONGER REQUIRED TO BE FBC APPROVED.
REFERENCE 98-72.010 (31) (b) WIND BREAKERS ARE NO LONGER A SUB CATEGORY

WINDOW CRAFTSMEN, INC.
6031 CLARK CENTER AVE.
SARASOTA, FLORIDA 34238

Digitally signed by
Mark Smith
Date: 2020.04.17
07:07:55 -04'00'

Engineer: Mark A. Smith
WWW: marksmithatwindows.com
FL REG. NO.: 55511
REV. LETTER: 6

MARK SMITH, PE 3738 KINGSWOOD DRIVE, SARASOTA, FL 34232 PH. 941-993-9620