

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/building

Gopi Glass Sales & Services Corp. 7450 NW 41<sup>st</sup> Street Miami, FL 33166

#### Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami–Dade County RER–Product Control Section to be used in Miami–Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami–Dade County Product Control Section (In Miami–Dade County) and/ or the AHJ (in areas other than Miami–Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami–Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

#### **DESCRIPTION:** Aluminum Single Hung Window – N.I.

**APPROVAL DOCUMENT:** Drawing No. **W06-24**, titled "Aluminum Single Hung Window", sheets 1 through 4 of 4, dated 03/16/06, with revision F dated 12/28/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami–Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Section.

### MISSILE IMPACT RATING: None.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami–Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 21-0122.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No. 22-1118.03 Expiration Date: February 01, 2028 Approval Date: December 15, 2022 Page 1

# **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

### 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. *(Submitted under NOA No.06-0705.04)*
- Drawing No W06-24, sheets 1 through 4 of 4, titled "Aluminum Single Hung Window", dated 03/16/06, with revision F dated 12/28/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 21-0122.06)

# B. TESTS

2.

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94

4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9931**, dated 01/25/18, signed and sealed by Idalmis Ortega, P.E.

# (Submitted under NOA No. 18-0205.01)

- Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1435**, dated 11/28/05, signed and sealed by Ivonne Ghia, P.E. (Submitted under NOA No. 06-0705.04)

# C. CALCULATIONS

- Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 05/29/14, updated on 01/26/18 to comply with FBC 6<sup>th</sup> Edition (2017) and further updated on 11/27/20 to comply with FBC 7<sup>th</sup> Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 21-0122.06)
- 2. Glazing complies with **ASTM E1300-09**.

# D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez, P.E. Product Control Examiner NOA No. 22-11 18.03 Expiration Date: February 01, 2028 Approval Date: December 15, 2022

# **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

## 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

### E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

- Statement letter of conformance, complying with FBC 6<sup>th</sup> Edition (2017), with FBC 7<sup>th</sup> Edition (2020), and of no financial interest, dated November 27, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 21-0122.06)
- 2. Laboratory compliance letter for Test Report No. **HETI-05-1435**, issued by Hurricane Engineering & Testing, Inc., dated 11/28/05, signed and sealed by Ivonne Ghia, P.E. *(Submitted under NOA No. 06-0705.04)*

### G. OTHERS

1. Notice of Acceptance No. **18-0205.01**, issued to Gopi Glass Sales & Services Corp. for their "Aluminum Single Hung Window – N. I.", approved on 03/29/18and expiring on 02/01/23.

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Manuel Perez, P.E. Product Control Examiner NOA No. 22-11 18.03 Expiration Date: February 01, 2028 Approval Date: December 15, 2022

#### **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

#### 2. NEW EVIDENCE SUBMITTED

#### A. DRAWINGS

1. None.

#### B. TESTS

- 1. None.
- C. CALCULATIONS
  - 1. None.

### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

# E. MATERIAL CERTIFICATIONS

1. None.

### F. STATEMENTS

1. Statement letter of conformance, complying with **FBC** 7<sup>th</sup> **Edition (2020)** and of no financial interest, dated November 9, 2022, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

#### G. OTHERS

1. Notice of Acceptance No. 21-0122.06, issued to Gopi Glass Sales & Services Corp. for their "Aluminum Single Hung Window – N. I.", approved on 04/15/21 and expiring on 02/01/23.

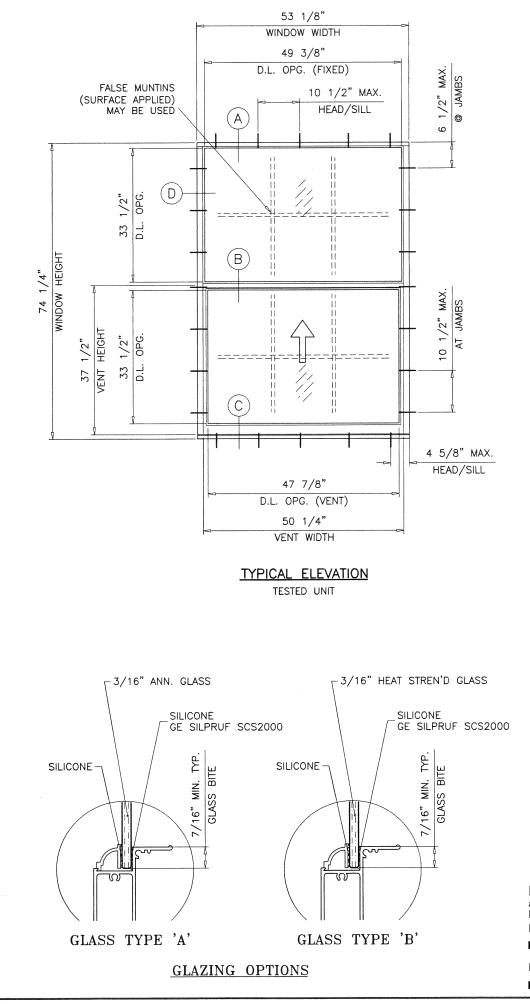
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Manuel Perez, P.E. Product Control Examiner NOA No. 22-11 18.03 Expiration Date: February 01, 2028 Approval Date: December 15, 2022

|         | DESIGN LOAD CAPACITY - PSF |         |          |         |          |  |
|---------|----------------------------|---------|----------|---------|----------|--|
| WINDOW  | DIMS.                      | GLASS   | τγρε 'Α' | GLASS   | TYPE 'B' |  |
| WIDTH   | HEIGHT                     | EXT.(+) | 1NT.(-)  | EXT.(+) | 1NT.(-)  |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 37"     | 26"                        | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 42"     | (3)                        | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 48"     |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 53-1/8" |                            | 60.0    | 75.8     | 60.0    | 75.8     |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 37"     | 38-3/8"                    | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 42"     | (4)                        | 60.0    | 79.1     | 60.0    | 79.1     |  |
| 48"     |                            | 60.0    | 70.9     | 60.0    | 70.9     |  |
| 53-1/8" |                            | 60.0    | 65.1     | 60.0    | 65.1     |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 37"     | 50-5/8"                    | 60.0    | 77.9     | 60.0    | 77.9     |  |
| 42"     | (5)                        | 60.0    | 70.8     | 60.0    | 70.8     |  |
| 48"     |                            | 60.0    | 63.8     | 60.0    | 63.8     |  |
| 53-1/8" |                            | 54.2    | 54.2     | 58.8    | 58.8     |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 37"     | 58"<br>(6)                 | 60.0    | 78.7     | 60.0    | 78.7     |  |
| 42"     |                            | 60.0    | 71.7     | 60.0    | 71.7     |  |
| 48"     |                            | 60.0    | 62.7     | 60.0    | 64.8     |  |
| 53-1/8" |                            | 50.5    | 50.5     | 57.3    | 59.9     |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     | 63"                        | 60.0    | 78.1     | 60.0    | 78.1     |  |
| 37"     |                            | 60.0    | 70.7     | 60.0    | 70.7     |  |
| 42"     | (6)                        | 60.0    | 64.6     | 60.0    | 64.6     |  |
| 48"     |                            | 58.5    | 58.5     | 58.5    | 58.5     |  |
| 53-1/8" |                            | 49.6    | 49.6     | 54.2    | 54.2     |  |
| 19-1/8" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 26-1/2" |                            | 60.0    | 80.0     | 60.0    | 80.0     |  |
| 32"     |                            | 60.0    | 73.5     | 60.0    | 73.5     |  |
| 37"     | 74-1/4"                    | 60.0    | 66.5     | 60.0    | 66.5     |  |
| 42"     | (7)                        | 60.0    | 61.0     | 60.0    | 61.0     |  |
| 48"     |                            | 55.5    | 55.5     | 55.5    | 55.5     |  |
| 53-1/8" |                            | 49.0    | 49.0     | 50.0    | 51.5     |  |
|         | PARENTH                    |         | CATE NO. | OF      |          |  |

ANCHORS PER JAMB.

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



WINDOWS NOT RATED FOR IMPACT. USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS

# ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHART SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

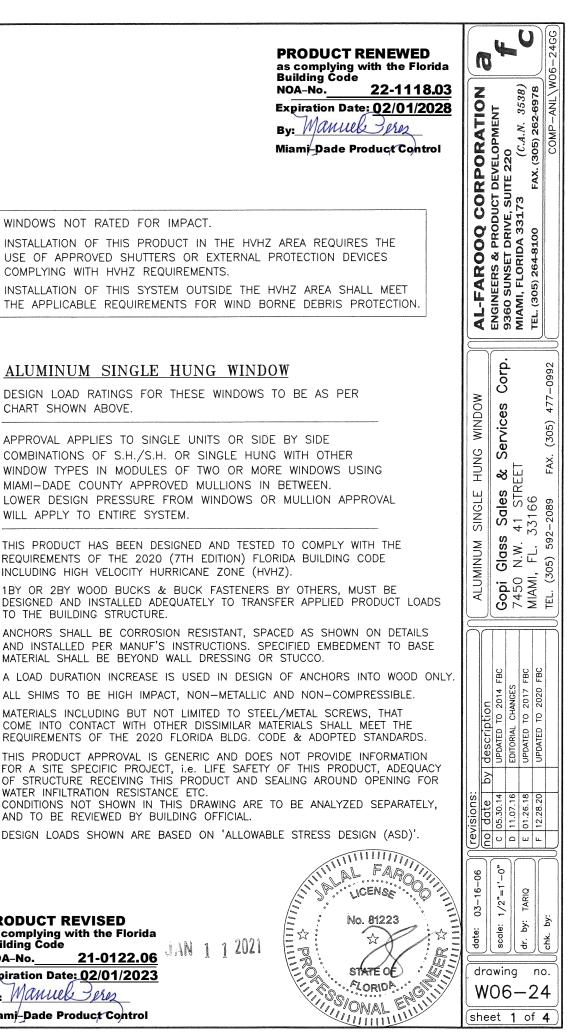
REQUIREMENTS OF THE 2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

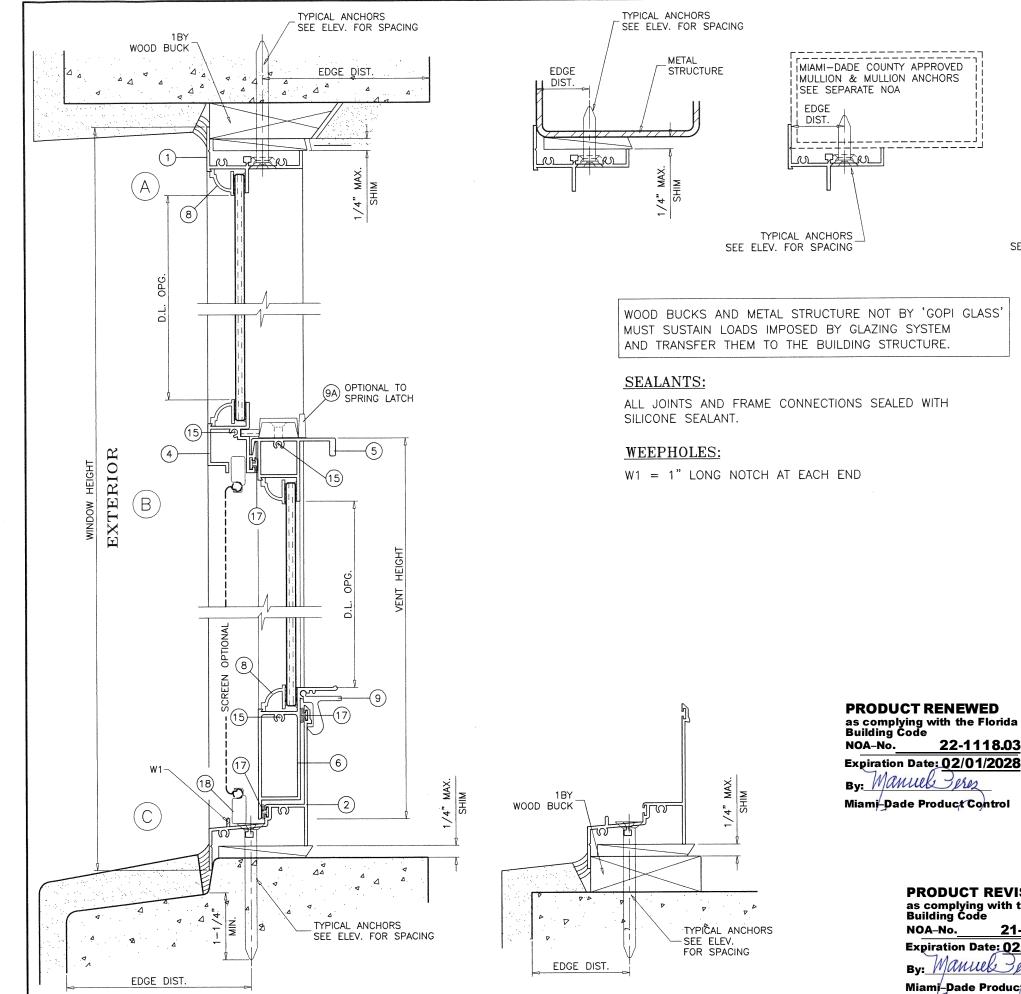
TO THE BUILDING STRUCTURE.

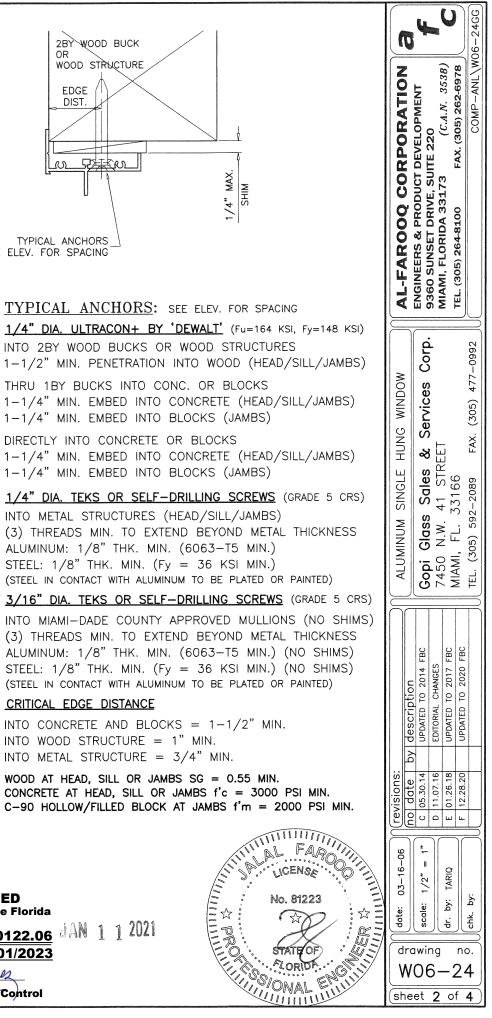
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO

WATER INFILTRATION RESISTANCE ETC. AND TO BE REVIEWED BY BUILDING OFFICIAL.

**PRODUCT REVISED** as complying with the Florida Building Code JAN 1 NOA-No. 21-0122.06 Expiration Date: 02/01/2023 By: Manuel Peres Miami-Dade Product Control







SEE ELEV. FOR SPACING

**PRODUCT REVISED** as complying with the Florida Building Code 21-0122.06 JAN 1 1 2021 Expiration Date: 02/01/2023 By: Manuel Peres Miami-Dade Product Control

|           | COSC DESCRIPTION OF THE OWNER |  |   |   |
|-----------|--|--|---|---|
| PART #    | REQD.  | DESCRIPTION  | MATERIAL  | MANF./  |
| -         | 1  | FRAME HEAD   | 6063-T5   | -   |
| GSH118    | 1  | FRAME SILL   | 6063-T5   | -   |
| GSH120    | 2  | FRAME JAMB   | 6063-T5   | -   |
|           | 1  | FIXED MTG. RAIL  | 6063-T5   | -   |
| GSH117    | 1  | VENT TOP RAIL  | 6063-T6   | -   |
| GSH119A   | 1  | VENT BOTTOM RAIL   | 6063-T6   |   |
| _         | 2  | VENT JAMB  | 6063-T5   | -   |
| -         | AS REQD.   | GLAZING BEAD   | ALUMINUM  | -   |
| -         | 2/VENT   | VENT LATCH @ 6-1/2" FROM ENDS  | NYLON   | -   |
| 672205K38 | 2/VENT   | VENT LATCH @ 6-1/2" FROM ENDS  | -   | DECO P  |
| GSH114    | AS REQD.   | VENT GUIDE   | RIGID PVC   | -   |
|           | AS REQD.   | PILE WEATHERSTRIP  |   | -   |
| -         | AS REQD.   | ASSEMBLY SCREWS  |   | #8 × 3  |
|           | 2  | BLOCK & TACKLE BALANCE   | -   | 5/8"B   |
| -         | AS REQD.   | BULB WEATHERSTRIP  | -   | -   |
| -         | 1  | 5/16" BOX SCREEN   | -   | OPTION  |
|           | -<br>GSH118<br>GSH120<br>-<br>GSH117<br>GSH119A<br>-<br>-<br>-<br>672205K38  | -         1           GSH118         1           GSH120         2           -         1           GSH117         1           GSH119A         1           -         2           -         AS REQD.           -         2/VENT           672205K38         2/VENT           GSH114         AS REQD.           -         AS REQD. | -       1       FRAME HEAD         GSH118       1       FRAME SILL         GSH120       2       FRAME JAMB         -       1       FIXED MTG. RAIL         GSH117       1       VENT TOP RAIL         GSH119A       1       VENT BOTTOM RAIL         -       2       VENT JAMB         -       2       VENT JAMB         -       2       VENT JAMB         -       2/VENT       VENT LATCH @ 6-1/2" FROM ENDS         672205K38       2/VENT       VENT LATCH @ 6-1/2" FROM ENDS         GSH114       AS REQD.       VENT GUIDE         -       AS REQD.       PILE WEATHERSTRIP         -       AS REQD.       ASSEMBLY SCREWS         -       2       BLOCK & TACKLE BALANCE         -       AS REQD.       BULB WEATHERSTRIP | -         1         FRAME         HEAD         6063-T5           GSH118         1         FRAME SILL         6063-T5           GSH120         2         FRAME JAMB         6063-T5           -         1         FIXED         MTG.         RAIL         6063-T5           GSH120         2         FRAME JAMB         6063-T5         6063-T5           -         1         FIXED         MTG.         RAIL         6063-T5           GSH117         1         VENT TOP RAIL         6063-T6         6063-T6           -         2         VENT BOTTOM RAIL         6063-T6           -         2         VENT JAMB         6063-T5           -         AS REQD.         GLAZING BEAD         ALUMINUM           -         2/VENT         VENT LATCH @ 6-1/2" FROM ENDS         -           GSH114         AS REQD.         VENT GUIDE         RIGID PVC           -         AS REQD.         PILE WEATHERSTRIP         -           -         AS REQD.         ASSEMBLY SCREWS         -           -         2         BLOCK & TACKLE BALANCE         -           -         AS REQD.         BULB WEATHERSTRIP         - |

