NOTICE OF ACCEPTANCE (NOA)

CGI Windows and Doors, Inc.
10100 NW 25th Street
Miami, FL 33172

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: Series “SE-3550” Outswing Aluminum Storefront Entrance Door w/wo Transom - L.M.I.

APPROVAL DOCUMENT: Drawing No. W17-54, titled “SS-3550 Aluminum Outswing Door (L.M.I.)”, sheets 1 through 15 of 15, dated 05/30/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

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 revises and renews NOA# 16-0421.10 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.
CGI Windows and Doors, Inc.

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. 12-1005.02)

2. Drawing No. MD-3550.2-LM, titled "Storefront Entrance Door Details - LM", sheets 1 through 19 of 19, dated 03/05/16, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

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) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per AAMA 1304-02, FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of pairs of French doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-8842, dated 02/25/16, signed and sealed by Idalmis Ortega, P.E.

2. 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) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per AAMA 1304-02, FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of a storefront system with French door and transom, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7137, dated 12/10/12, signed and sealed by Marlin D. Brinson, P.E.
   (Submitted under NOA No. 12-1005.02)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-5th Edition (2014), dated 06/05/15 and revised on 04/13/16, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   (Submitted partly under NOA No. 12-1005.02)

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. 17-1114.01
   Expiration Date: January 17, 2023
   Approval Date: December 28, 2017

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their “SentryGlas® (Clear and White) Glass Interlayers” dated 06/25/15, expiring on 07/04/18.


F. STATEMENTS


2. Statement letter of no financial interest, dated April 13, 2016, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

3. Laboratory compliance letter for Test Report No. FTL-7137, dated 12/10/12, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E.

4. Testing proposal issued by the Product Control Section, dated December 9, 2015, signed by Manuel Perez, P.E.

G. OTHERS

1. Notice of Acceptance No. 15-0612.09, issued to PGT Industries, Inc. for their Series “SE-3550” Outswing Aluminum Storefront Entrance Door w/wo Transom - L.M.I. approved on 07/30/15 and expiring on 01/17/18.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No W17-54, titled “SE-3550 Aluminum Outswing Door (L.M.I.)”, sheets 1 through 15 of 15, dated 05/30/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS
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) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per AAMA 1304-02 and TAS 202-94

   along with marked-up drawings and installation diagram of a storefront system with
   French door and transom, prepared by Fenestration Testing Laboratory, Inc., Test
   Report No. FTL-17-7007, dated 05/05/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, based on current approval and
   updated to comply with FBC 6th Edition (2017), dated 06/30/17, prepared by Al-
   Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their
   “SentryGlas® (Clear and White) Glass Interlayers” dated 06/25/15, expiring on
   07/04/18.

2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their
   “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 01/19/17,
   expiring on 07/08/19.

F. STATEMENTS
1. Statement letter of conformance, complying with FBC 6th Edition (2017), and of no
   financial interest, dated June 30, 2017, issued by Al-Farooq Corporation, signed and sealed
   by Javad Ahmad, P.E.

2. Letter from owner of existing NOA, dated June 30, 2017, stating that as the parent company
   PGT Industries, Inc. transfers this NOA to CGI Windows and Doors, Inc., and requests that
   the current NOA issued to PGT Industries, Inc. be rescinded, signed by A. Lynn Miller, P.E.
   Senior Code Compliance Engineer, PGT Industries, Inc.

3. Testing proposal #16-1434R, issued to CGI Windows and Doors, Inc. by the Product
   Control Section, dated December 15, 2016, signed by Manuel Perez, P.E.

G. OTHERS
1. Notice of Acceptance No. 16-0421.10, issued to PGT Industries, Inc. for their Series
   “SE-3550” Outswing Aluminum Storefront Entrance Door w/wo Transom - L.M.I.,
   approved on 06/02/16 and expiring on 01/17/18.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 17-1114.01
Expiration Date: January 17, 2023
Approval Date: December 28, 2017
SERIES SK-3500
ALUMINUM OUT-SWING DOOR

DOORS (WITH ADA THRESHOLD) NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

DOORS (WITH BUMPER THRESHOLD) APPROVED FOR WATER INFILTRATION RESISTANCE, SEE SHEET 6 FOR LIMITATIONS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1/8" OR 1/8" WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER’S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISILLUSS MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE, ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

INSTRUCTIONS:

USE DRAWING AS FOLLOWS.

1. SELECT SINGLE OR DOUBLE DOORS FROM SHEET 3 OR SINGLE OR DOUBLE DOORS WITH TRANSOM FROM SHEETS 4 & 5.
2. SELECT GLASS TYPE FROM SHEET 2.
3. DETERMINE IF THE DOOR WILL BE INSTALLED IN AN OPENING WHERE THE WATER INFILTRATION RESISTANCE IS REQUIRED. SEE SHEETS 5 AND 6 FOR THRESHOLD TYPES AND LIMITATIONS.
4. SELECT LOCK OPTION, CORRESPONDING SIZES AND MAX. DESIGN LOAD FROM SHEETS 11 AND 12.
5. SELECT ANCHORING CONDITION AND CORRESPONDING ANCHOR TYPE FROM SHEET 8.
6. DETERMINE FINAL DESIGN PRESSURE FOR THE SYSTEM, TAKEN AS THE LOWEST OF ALL DO VALUES OBTAINED.
7. FOR DOORS W/LLID WITH CGI SS-3000 WINDOW WALL, SEE SEPARATE NQA FOR WINDOW WALL CAPACITY, DETAILS AND LIMITATIONS. LOWER DESIGN LOADS FROM STEP 6 ABOVE OR WINDOW WALL NQA WILL APPLY.
GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E 1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05–DEC–219
### Single Doors with Transom Capacity — P.P.

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**Note:**
- FOR DOORS CAPACITY SEE SHEET 3.
- FOR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY SEE CHART ABOVE.
- LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR) CHART WILL APPLY TO ENTIRE SYSTEM.

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**Diagram:**
- **Transom Without Reinforcement:**
- **Transom With Reinforcement:**
TYPICAL ANCHORS SEE ELEV. FOR SPACING

ADA THRESHOLD
NOT APPROVED FOR WATER INTRUSION RESISTANCE
(ADA THRESHOLD REQUIREMENTS TO BE REVISED BY M.U.)

CONCRETE

EDGE DIST.

3/8" MIN.
THROW BOLT
PENETRATION
INTO SILL & SUBSTRATE

ADA THRESHOLD WITH BUG SWEEP
(OPTIONAL)

CONCRETE

EDGE DIST.

TYPICAL ANCHORS SEE ELEV. FOR SPACING
Typical Anchors: See Elev. for Spacing

Type 'A':
1/4" dia Ultracon by 'Tloc' (Fy = 177 ksi, Fc = 155 ksi)
Into 28# wood bunks or wood structures
1-1/2" min. penetration into wood (head/jamb)
Thru 18# blocks into conc. or masonry
1-3/4" min. embed into concrete (head/jamb)
1-3/4" min. embed into filled blocks (jamb)
Directly into masonry
1-3/4" min. embed into filled blocks (jamb)

Anchor Edge Distances
Into concrete and masonry = 2-1/2" Min.
Into wood structure = 1" Min.

Anchor C.L to C.L Distance
Into concrete = 3" Min.
Into filled blocks = 4" Min.

Type 'B':
1/4" dia Ultracon by 'Tloc' (Fy = 177 ksi, Fc = 155 ksi)
Directly into concrete
1-3/4" min. embed into concrete (head/sill/jamb)

Anchor Edge Distances
Into concrete = 2-1/2" Min.

Anchor C.L to C.L Distance
Into concrete = 3" Min.
Into filled blocks = 4" Min.

Type 'C':
1/4" dia Tek's or self drilling screws (Grade 5 CRS)
Into Miami-Dade County approved mullions
Or into metal structures:
(3) threads min. penetration beyond metal substrate
Aluminum: 1/8" thick min. (6063-75 min.)
Steel: 1/8" thick min. (Fy = 36 ksi min.)
(steel in contact with aluminum to be plated or painted)

Anchor Edge Distances
Into metal structure = 1/2" Min.

Wood at head or jamb 50 = 0.55 Min.
Concrete at head, sill or jamb Fc = 3000 psi min.
C-90 grout filled block at jamb f'm = 2000 psi min.

W.B. Wood and metal structure not by 'CGi' must sustain loads imposed by glazing system and transfer them to the building structure.

WOOD BUCKS AND METAL STRUCTURE NOT BY 'CGI' MUSR SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
LOCK OPTIONS:
PANIC EXIT DEVICE

OPTION #1:
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 35-3/4 IN.
MAX. DESIGN LOAD = +90 PSF
-100.0 PSF

ACTIVE & INACTIVE LEAF:
CONCEALED VERTICAL ROD PANIC EXIT DEVICE # 5770 BY "RESENEE HARDWARE" LOCATED AT 30° FROM SILL AT EACH LEAF.
FASTENED WITH
(2) #10-32 X 3/8" PH MACHINE SCREWS
(2) #10 X 3/4" PH SELF DRILLING SCREWS

PANIC EXIT DEVICE

OPTION #6:
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = +90 PSF
-100.0 PSF

ACTIVE & INACTIVE LEAF:
CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 3347 BY "JACKSON HARDWARE" LOCATED AT 45° FROM SILL AT EACH LEAF.
FASTENED WITH
(2) #10-24 X 3/4" PH MACHINE SCREWS
(2) 1/4-20 X 1" PH MACHINE SCREWS
(3) 1/4-20 X 5/16" CONE HEAD MS

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 041821
Equivalence Document No. 17-11-16-01

AL-FAHROQ CORPORATION
5200 Southwest 122nd Street
Miami, FL 33183
TEL: 305-268-9000
FAX: 305-268-9092
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<td>GLASS STOP (NSUL. LAM. GLASS)</td>
<td>6003-T6</td>
<td>-</td>
</tr>
<tr>
<td>17</td>
<td>19907</td>
<td>1</td>
<td>TRANSPORT FRAME HEAD</td>
<td>6003-T6</td>
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</tr>
<tr>
<td>18</td>
<td>19502</td>
<td>1</td>
<td>TRANSPORT FIN SNAP</td>
<td>6003-T6</td>
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<td>19</td>
<td>19507</td>
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<td>TRANSPORT BASE</td>
<td>6003-T6</td>
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<tr>
<td>19A</td>
<td>19512A</td>
<td>1</td>
<td>BASE FASTENERS, AT 3&quot; FROM ENDS &amp; 8&quot; O.C.</td>
<td>ST. STEEL</td>
<td>FH SMS</td>
</tr>
<tr>
<td>20</td>
<td>19510</td>
<td>1</td>
<td>TRANSPORT HEADER</td>
<td>6003-T6</td>
<td>-</td>
</tr>
<tr>
<td>21</td>
<td>14550</td>
<td>2</td>
<td>UTE SETTING BLOCK, 3/16&quot; X 7/16&quot; X 4&quot; LONG</td>
<td>EPDM</td>
<td>AT 6&quot; FROM EACH END, DIAMETER 85.5</td>
</tr>
<tr>
<td>21A</td>
<td>1704</td>
<td>2</td>
<td>UTE SETTING BLOCK, 3/16&quot; X 1-3/32&quot; X 4&quot; LONG</td>
<td>EPDM</td>
<td>AT 6&quot; FROM EACH END, DIAMETER 85.5</td>
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<tr>
<td>22</td>
<td>13061</td>
<td>1</td>
<td>GLAZING WEDGE (DOOR)</td>
<td>EPDM</td>
<td>DIAMETER 85.5 SHORE A</td>
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<tr>
<td>22A</td>
<td>13144</td>
<td>1</td>
<td>INTERIOR GLAZING WEDGE (TRANSPORT)</td>
<td>EPDM</td>
<td>DIAMETER 85.5 SHORE A</td>
</tr>
<tr>
<td>22B</td>
<td>61523</td>
<td>1</td>
<td>EXTERIOR GLAZING WEDGE (TRANSPORT)</td>
<td>EPDM</td>
<td>DIAMETER 85.5 SHORE A</td>
</tr>
<tr>
<td>23</td>
<td>19540</td>
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<td>BOLT W/STRIPPING AT DOOR STOP</td>
<td>SOFT PVC</td>
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<td>24</td>
<td>67924G</td>
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<td>FINISH PILE W/STRIPPING</td>
<td>WOOL</td>
<td>-</td>
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<td>25</td>
<td>19542</td>
<td>1</td>
<td>FINISH PILE W/STRIPPING (ACTIVE LEAF)</td>
<td>WOOL</td>
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<td>26</td>
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<td>BOLT HEADS</td>
<td>ST. STEEL</td>
<td>RECENT 4001</td>
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<td>26A</td>
<td>15537</td>
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<td>HINGE BACKING PLATE, 1/4&quot; THICK.</td>
<td>ALL-WELD</td>
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<tr>
<td>26B</td>
<td>1214-24 X 1/2&quot;</td>
<td>1</td>
<td>HINGE INSTALLATION FASTENERS</td>
<td>ST. STEEL</td>
<td>FH SMS</td>
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<tr>
<td>27</td>
<td>19562</td>
<td>1</td>
<td>BUG SWEEP (OPTIONAL)</td>
<td>ST. STEEL</td>
<td>FH SMS</td>
</tr>
<tr>
<td>27A</td>
<td>19562</td>
<td>1</td>
<td>BUG SWEEP FASTENERS</td>
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<td>FH SMS</td>
</tr>
<tr>
<td>28</td>
<td>19572</td>
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<td>FRAME ASSEMBLY FASTENERS</td>
<td>ST. STEEL</td>
<td>FH HANG.</td>
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<tr>
<td>29</td>
<td>5/16-18 x 1&quot;</td>
<td>1</td>
<td>LEAF ASSEMBLY FASTENERS</td>
<td>ST. STEEL</td>
<td>CARRIAGE BOLT</td>
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<td>29A</td>
<td>5/16-18 x 1&quot;</td>
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<td>ST. STEEL</td>
<td>HEX NUT</td>
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<tr>
<td>30</td>
<td>1/4 X 1-1/2&quot;</td>
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<td>SHEAR BLOCK FASTENERS</td>
<td>ST. STEEL</td>
<td>FH SELF DRILLING SCREWS</td>
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<tr>
<td>31</td>
<td>6851</td>
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<td>THRESHOLD ANGLE (27&quot; X 5&quot; X 1/8&quot; X 1-3/4&quot; LONG)</td>
<td>6003-T6</td>
<td>-</td>
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<tr>
<td>31A</td>
<td>6851</td>
<td>1</td>
<td>ANGLE FASTENERS</td>
<td>ST. STEEL</td>
<td>FH SELF DRILLING SCREWS</td>
</tr>
</tbody>
</table>

**HINGES:**

4-1/2" LONG FLUSH MOUNT STEEL BOLT HINGES BY "REGENT" AT 6" FROM TOP AND BOTTOM AND 26" O.C. MAX.
FASTENED WITH 12-24 X 1/2" FH MACHINERY SCREWS FOUR PER HINGEPAIR.

**SEALANTS:**

ALL FRAME JOINTS AND SEAMS SEALED WITH SCHMIDT-NOREHEAD SMS504 ACRYLIC-R SEAM SEALER.