Craftsmen In Wood Manufacturing  
5441 West Hadley Street  
Phoenix, AZ 85043

**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 Inswing Wood glazed Doors-LMI

**Approval Document:** Drawing No 17-129 (former #15-142), titled “Double & Single In-swing Glass Entrance Doors”, sheets 1 through 15 of 15, dated 08/02/17, prepared by Tilteco Inc., signed and sealed by Walter A. Tillit Jr. 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 Missile Impact Resistant

Limitations:
1. Doors are not approved where Air and water infiltration is needed.
2. Refer to Design pressure tables sheet 2 thru 7 for O.C. spacing “S” of the anchors at head, sill & jamb.
4. Two (2) surface bolts at each active & in-active panels are required at interior sides.
5. See sheet 15 for corner construction.

**Labeling:** Each unit shall bear a permanent label with the manufacturer’s name or logo, Kall/Eifel, Germany and 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 # 14-0731.10 consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (submitted under file below)

B. TESTS (submitted under file # 14-0731.10)
   1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94 (Not conducted)
      2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 (Not conducted).
      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 FBC 2411 3.2.1 and TAS 202-94

Along with the manufacturer's parts drawings, installation diagram and marked-up drawings of inswing wood glazed doors, prepared by Element Materials Technology, Test Report No. EPS010117P, P1, P2 & P3, dated 09/04/03, signed and sealed by Ramesh Patel, P.E.

Addendum letter, along w/ Marked-up parts drawings dated June 30, 2015, issued by Certified Testing Lab (Former Element Materials Technology), signed & sealed by Ramesh Patel, P.E.

Addendum letter, along w/ Marked-up parts drawings dated January 22, 2015, issued by Certified Testing Lab (Former Element Materials Technology), signed & sealed by Ramesh Patel, P.E.

C. CALCULATIONS
   1. Anchor verification calculations complying w/ FBC 2014 (5th Edition), prepared by Tilteco Inc., dated 09-14-15, signed and sealed by Walter A. Tillit, Jr., P.E.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 12-1231.10 issued to Eastman Chemical Company (MA) (former Solutia, Inc.) for the “Saflex: Saflex Clear & Color glass interlayer”, expiring on 05/21/16.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014, dated 09/14/15, prepared by Tilteco Inc., both signed and sealed by Walter A. Tillit Jr., P. E.
   2. Statement letter of “No financial interest”, dated 07/24/14, prepared by Tilteco Inc., both signed and sealed by Walter A. Tillit Jr., P. E.
   3. Lab compliance as part of the above referenced test report.
   4. Addendum letters dated 06/30/15 and 01/22/15, issued by Certified Testing Lab (Former Element Materials Technology), signed & sealed by Ramesh Patel, P.E.

G. OTHER
   1. Test proposal 11-1574 dated Jan 17, 2012, approved by RER.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0830.10
Expiration Date: April 21, 2021
Approval Date: November 30, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New Evidence submitted

A. DRAWINGS
   1. Manufacturer's die drawings and sections
   2. Drawing No 17-129 (former #15-142), titled “Double & Single In-swing Glass Entrance Doors”, sheets 1 through 15 of 15, dated 08/02/17, prepared by Tilteco Inc., signed & sealed by Walter A. Tillit Jr. P. E.
   Note: This revision consist of only changes to general notes#1 and #5, in compliance of FBC 2017 edition.

A. TESTS
   1. None

C. CALCULATIONS
   1. None

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

E. MATERIAL CERTIFICATIONS

F. STATEMENTS
   2. Statement letter of general notes revision only, in compliance with FBC 2017 edition, prepared by Tilteco Inc., dated 08/02/17, signed & sealed by Walter A. Tillit Jr., P. E.

G. OTHER
   1. This NOA revises NOA # 14-0731.10, expiring 04/21/2021

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0830.10
Expiration Date: April 21, 2021
Approval Date: November 30, 2017
GENERAL NOTES AND SPECIFICATIONS:

1. DOORS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2017 (6TH EDITION) OF THE FLORIDA BUILDING CODE. DOORS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. USING ASCE 7-10 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED NOTE 2 BELOW.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-10 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D. AS TESTED, WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD= 1.60 WAS USED TO VERIFY FASTENERS IN WOOD.

DOORS'S ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE PER ELEMENT LAB REPORTS No. ESP010117 P1, ESP010117 P4, ESP010117 P5, ESP010117 P6, PROTOCOLS AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1616 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATING +46.0 psi. -46.0 psi.

3. THESE DOORS ARE NOT APPROVED FOR AIR/WATER INFILTRATION, AND SHALL COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS.

4. ALL DOOR COMPONENTS SHALL BE AS PER BILL OF MATERIALS ON SHEET 11.

5. WOOD BUCKS, BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE BURMIN OF SOUTHERN PINE, C=455, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 & 2326 OF THE FLORIDA BUILDING CODE.

6. PROVIDE 1/4" MAX. LOAD BEARING SHIM WHEN ALLOWED BY THIS DRAWING.

7. ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 2 THRU 10 AS APPLICABLE.

8. THESE DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

9. DOOR'S MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS: Craftsmen In Wood, Mfg. PHOENIX, AZ. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

10. DOORS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

11. ALL DOOR COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING SHALL BE SEAL/CAULK TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL ALL AROUND FULL LENGTH.

12. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.E. WHERE THE SITE CONDITIONS DEViate FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/ SHE DOES NOT DEViate FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER SHALL SUBMIT TO THE LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW IN ADDITION TO A MANDATORY SUBMITTAL TO MIAMI-DADE COUNTY BUILDING CODE COMPLIANCE OFFICE FOR EITHER A PRODUCT APPROVAL REVISION OR A ONE TIME APPROVAL.

(e) ORIGINAL P.A.D. SHALL BEAR THE DATE, SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
ANCHOR TYPE: 13 MAX.
ANCHOR SPACING SCHEDULE
AT JAMBS, HEAD & SILL

<table>
<thead>
<tr>
<th>DESIGN PRESSURE RATING W (psf)</th>
<th>CONCRETE (Min. 7.5 ksi 2000 psi)</th>
<th>CONCRETE BLOCK (Min. ASTM C-65)</th>
<th>WOOD (Min. 6.0 ksi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>9&quot;</td>
<td>9&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>60</td>
<td>7&quot;</td>
<td>7&quot;</td>
<td>5&quot;</td>
</tr>
<tr>
<td>66</td>
<td>7&quot;</td>
<td>7&quot;</td>
<td>5&quot;</td>
</tr>
</tbody>
</table>

PREFIX LEGEND

- F.W.: MAX. FRAME WIDTH
- F.H.: MAX. FRAME HEIGHT
- S.W.: MAX. SASH WIDTH
- S.H.: MAX. SASH HEIGHT
- P.F.H.: MAX. PARTIAL FRAME HEIGHT

MAX. A.S.D. DESIGN PRESSURE RATING

- POSITIVE:+66 psf
- NEGATIVE: -66 psf

D.L.O. SCHEDULE

- D.L.O.H: PANEL HEIGHT: 14 5/16" +
- D.L.O.W: PANEL WIDTH: 12" +

* SEE NOTE 3 ON SHEET 1.

EYEBROW GLASS IN-SWING DOUBLE DOOR: (XX)

MODEL 2
N.T.S.

PRODUCT REVEIVED:
complying with the Florida
Building Code
Acceptance No: 17-2330-10
Expiration Date: 12/1/2017

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TIECO INC.

CRAFTSMEN IN WOOD, INC.

5441 W. MIDWAY ST., PHOENIX, AZ 85043

PHONE: (602) 296-1050 FAX: (602) 296-1052

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

DOUBLE & SINGLE IN-SWING GLASS ENTRANCE Doors

DRAWN BY: [Signature]

DATE: 06/22/17

SHEET 3 OF 12
ANCHOR TYPE (3) MAX
ANCHOR SPACING SCHEDULE
AT JAMBS, HEAD & SILL

<table>
<thead>
<tr>
<th>DESIGN PRESSURE RATING W (PSF)</th>
<th>CONCRETE (min. 2000 psi)</th>
<th>CONCRETE BLOCK (ML. ASTM C-90)</th>
<th>WOOD (min. 600 psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>9'</td>
<td>0'</td>
<td>6'</td>
</tr>
<tr>
<td>60</td>
<td>7'</td>
<td>7'</td>
<td>5'</td>
</tr>
<tr>
<td>86</td>
<td>7'</td>
<td>7'</td>
<td>5'</td>
</tr>
</tbody>
</table>

PREFIX LEGEND
- F.W.: MAX. FRAME WIDTH
- F.H.: MAX. FRAME HEIGHT
- S.W.: MAX. SASH WIDTH
- S.H.: MAX. SASH HEIGHT
- P.F.H.: MAX. PARTIAL FRAME HEIGHT

D.O.L. SCHEDULE
- D.L.O.H.: PANEL HEIGHT 14 5/8"
- D.L.O.W.: PANEL WIDTH 12"

MAX. A.S.D. DESIGN PRESSURE RATING
- POSITIVE: +60 psf
- NEGATIVE: -60 psf

ARCH GLASS IN-SWING DOUBLE DOOR: (XX)
MODEL 3

N.T.S.
SECTION C @ DOUBLE DOORS

SCALE: 1/4"=1'

* GLAZING GLASS PANEL DETAIL OPTIONS #1, 1A & 2, SHOWN ON SHEET 10, MAY BE COMBINED AS NEEDED TO SUIT ANY INSTALLATION

GLAZING GLASS PANEL DETAIL @ DOUBLE DOORS
OPTION #1
SCALE: 1/2"=1'

GLAZING GLASS PANEL DETAIL @ DOUBLE DOORS
OPTION 1A
SCALE: 1/2"=1'

EXTERIOR SIDE
CENTER TOP/BOTTOM SECTION AT SURFACE BOLT 23 @ DOUBLE DOORS
SCALE: 1/4"=1'

GLAZING GLASS PANEL DETAIL @ DOUBLE DOORS OPTION #2
SCALE: 1/2"=1'

GLASS BITE SCHEDULE

<table>
<thead>
<tr>
<th>DOOR TYPE</th>
<th>MIN. BITE @ OPTIONS #1 &amp; 1A</th>
<th>MIN. BITE @ OPTION #2</th>
</tr>
</thead>
<tbody>
<tr>
<td>REGULAR</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
<tr>
<td>ARCH</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
<tr>
<td>EYEBROW</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
</tbody>
</table>
SECTION C @ SINGLE DOOR
SCALE: 1/4"=1'
* GLAZING GLASS PANEL DETAIL OPTIONS #1, 1A & 2, SHOWN ON THIS SHEET, MAY BE COMBINED AS NEEDED TO SUIT ANY INSTALLATION

GLAZING GLASS PANEL DETAIL
@ SINGLE DOOR OPTION #1
SCALE: 1/2"=1'

GLAZING GLASS PANEL DETAIL
@ SINGLE DOOR OPTION #1A
SCALE: 1/2"=1'

GLAZING GLASS PANEL DETAIL
@ SINGLE DOOR OPTION #2
SCALE: 1/2"=1'

CENTER TOP/BOTTOM SECTION AT SURFACE BOLT 23 @ SINGLE DOOR
SCALE: 1/4"=1'

GLASS BITE SCHEDULE

<table>
<thead>
<tr>
<th>DOOR TYPE</th>
<th>MIN. BITE @ OPTIONS #1 &amp; 1A</th>
<th>MIN. BITE @ OPTION #2</th>
</tr>
</thead>
<tbody>
<tr>
<td>REGULAR</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
<tr>
<td>ARCH</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
<tr>
<td>EYEBROW</td>
<td>5/8&quot;</td>
<td>1 1/8&quot;</td>
</tr>
</tbody>
</table>
**BIN OF MATERIALS**

**GLASS DOORS W/ FRAME HEIGHT UP TO 122-3/4"**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>QTY</th>
<th>PART DESCRIPTION</th>
<th>SIZE</th>
<th>MATERIAL REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>FRAME HEAD</td>
<td>1-1/4&quot; x 5-1/2&quot;</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>FRAME SILL</td>
<td>1-3/16&quot; x 2'</td>
<td>OAK (61)</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>FRAME JAMB</td>
<td>1-1/4&quot; x 5-1/2&quot;</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>FRAME HEAD STOP</td>
<td>3/4&quot; x 2-5/8&quot;</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>FRAME JAMB STOP</td>
<td>3/4&quot; x 2-5/8&quot;</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>DOOR TOP RAIL</td>
<td>2-1/4&quot; x 6&quot; (Min)</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>DOOR BOTTOM RAIL</td>
<td>2-1/4&quot; x 6&quot; (Min)</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>DOOR STILE</td>
<td>2-1/4&quot; x 6&quot; (Min)</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>AS REQD. PLYWOOD CORE PANEL</td>
<td>3/8&quot; OR 3/4&quot; THICK</td>
<td>SUPER PLY</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>AS REQD. RAISED PANEL</td>
<td>5/8&quot; MIN.</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>11</td>
<td>13</td>
<td>AS REQD. FRAME INSTALLATION SCREWS</td>
<td>1/4&quot; TAPCORN TWINWAL</td>
<td>@ SILL, HEAD &amp; JAMS</td>
</tr>
<tr>
<td>12</td>
<td>15</td>
<td>AS REQD. Aluminium threshold</td>
<td>4-1/8&quot; x 15/16&quot;</td>
<td>SCHLEGEL #5000. 9003-70, 1 = 0.062&quot;</td>
</tr>
<tr>
<td>13</td>
<td>17</td>
<td>AS REQD. WEATHERSTRIP</td>
<td>.055 x .050</td>
<td>PVC (PELLA 06L00003)</td>
</tr>
<tr>
<td>14</td>
<td>19</td>
<td>AS REQD. HINGES</td>
<td>.5 x .5 x 12. GAGE</td>
<td>HAGER BB-1279 OR STANLEY FB179 (FULL ARCH SEA. HINGES)</td>
</tr>
<tr>
<td>15</td>
<td>17</td>
<td>AS REQD. T-ASTRAL</td>
<td>1-1/8&quot; x 3/8&quot;</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>16</td>
<td>20</td>
<td>AS REQD. GLASS STOP / MOULDING OPTION #1</td>
<td>9/16&quot; x 3/4&quot; MIN.</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>17</td>
<td>20A</td>
<td>AS REQD. GLASS STOP / MOULDING OPTION #2</td>
<td>1-1/4&quot; x 1/34&quot; MIN.</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>18</td>
<td>20B</td>
<td>AS REQD. GLASS STOP / MOULDING OPTION #3</td>
<td>0-1/8&quot; x 3/4&quot; MIN.</td>
<td>DOUG FIR (51), ALD (41), ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>19</td>
<td>21</td>
<td>AS REQD. 10 O.C.</td>
<td>16ga. x 1/2&quot; T-NAIL</td>
<td>CRAFTSMEN IN WOOD</td>
</tr>
<tr>
<td>20</td>
<td>22</td>
<td>AS REQD. DEADBOLT</td>
<td>1-1/8&quot; x 1/2&quot; DIA. BORE</td>
<td>VARIOUS</td>
</tr>
<tr>
<td>21</td>
<td>23</td>
<td>AS REQD. SURFACE BOLT</td>
<td>15/16&quot; x 5/16&quot;</td>
<td>ROCKY MOUNTAIN HARDWARE. LOCATED ONE AT TOP &amp; BOTTOM OF EACH PANEL LOCKSTILE. SEE SHEET 14</td>
</tr>
<tr>
<td>22</td>
<td>24</td>
<td>AS REQD. WEATHERSTRIP</td>
<td>3/4&quot; x 1/8&quot;</td>
<td>DOUG WH 7005, 7004, 7003, 7002. ENG, MAH (43), CHERRY, 50, MESQ (65), OAK (61), TEAK (50), WALNUT (55), CYPRESS (46), SPANISH CEDAR (41)</td>
</tr>
<tr>
<td>23</td>
<td>25</td>
<td>AS REQD. T-ASTRAL</td>
<td>3/4&quot; x 1/16&quot;</td>
<td>PVC PELLA 08240004</td>
</tr>
<tr>
<td>24</td>
<td>26</td>
<td>AS REQD. T-ASTRAL</td>
<td>1/8&quot; x 7/16&quot;</td>
<td>GV 22-B MT</td>
</tr>
<tr>
<td>25</td>
<td>27</td>
<td>AS REQD. IMPACT RESISTANT GLASS</td>
<td>9/16&quot; x VARIOUS</td>
<td>LAWNSMITH GLASS, 3/4&quot; TEMP. + .005 INTERLAYER SAFETY PVB BY EASTMAN CHEMICAL COMPANY IN A 1/4&quot; ANNEALED - ARCH ALUMINUM APPLIED</td>
</tr>
<tr>
<td>26</td>
<td>28</td>
<td>AS REQD. GLAZING SEALANT</td>
<td>1-1/8&quot; x 1-7/8&quot;</td>
<td>FIBERGLASS - 3/8&quot;</td>
</tr>
<tr>
<td>27</td>
<td>29</td>
<td>AS REQD. STEEL PLATE @ FRAME HEAD</td>
<td>1/8&quot; x 4&quot; x 1/8&quot; (SEE REMARKS)</td>
<td>CRAFTSMEN IN WOOD. #4141 Hot rolled steel plate without cut-out slots (rust hammered metal finish)</td>
</tr>
<tr>
<td>30</td>
<td>30A</td>
<td>AS REQD. STEEL PLATE @ FRAME HEAD</td>
<td>1/8&quot; x 4&quot; x 1/8&quot; (SEE REMARKS)</td>
<td>CRAFTSMEN IN WOOD. #4141 Hot rolled steel plate without cut-out slots (rust hammered metal finish)</td>
</tr>
<tr>
<td>31</td>
<td>31A</td>
<td>AS REQD. 8&quot; O.C.</td>
<td>#0 x 1-1/4&quot;</td>
<td>CRAFTSMEN IN WOOD</td>
</tr>
<tr>
<td>32</td>
<td>33</td>
<td>AS REQD. OVAL HEAD WOOD SCREW</td>
<td>#8 x 1-1/4&quot;</td>
<td>STEEL</td>
</tr>
<tr>
<td>33</td>
<td>34</td>
<td>AS REQD. SURFACE BOLT STAKE</td>
<td>3/16&quot; x 3&quot; x 3&quot;</td>
<td>BRASS WOOD SCREW</td>
</tr>
<tr>
<td>34</td>
<td>37</td>
<td>AS REQD. STEEL PLATE @ FRAME HEAD</td>
<td>1/8&quot; x 8&quot; x 1/16&quot; (SEE REMARKS)</td>
<td>CRAFTSMEN IN WOOD. #4141 Hot rolled steel plate without cut-out slots (rust hammered metal finish)</td>
</tr>
<tr>
<td>35</td>
<td>37A</td>
<td>AS REQD. STEEL PLATE @ FRAME HEAD</td>
<td>1/8&quot; x 8&quot; x 1/16&quot; (SEE REMARKS)</td>
<td>CRAFTSMEN IN WOOD. #4141 Hot rolled steel plate without cut-out slots (rust hammered metal finish)</td>
</tr>
<tr>
<td>36</td>
<td>38</td>
<td>AS REQD. STEEL PLATE SCREWS &amp; SCREWS</td>
<td>1/4&quot; x 3/4&quot;</td>
<td>CRAFTSMEN IN WOOD. 8-32 X 1-1/4&quot;</td>
</tr>
<tr>
<td>39</td>
<td>39</td>
<td>AS REQD. STEEL PLATE SCREWS</td>
<td>1/4&quot; x 3/4&quot;</td>
<td>CRAFTSMEN IN WOOD. 8-32 X 1-1/4&quot;</td>
</tr>
<tr>
<td>40</td>
<td>40</td>
<td>AS REQD. HINGE SCREWS</td>
<td>#12 x 3/4&quot;</td>
<td>CRAFTSMEN IN WOOD. 7/16&quot; Stainless Steel Screw</td>
</tr>
<tr>
<td>41</td>
<td>41</td>
<td>AS REQD. SILICONE</td>
<td>DOW 565</td>
<td></td>
</tr>
</tbody>
</table>
1/8" STEEL PLATE @ FRAME HEAD @ DOBLE DOOR
SCALE: 1/2"=1'
37A) 1/8" STEEL PLATE @ FRAME SILL @ SINGLE DOOR
SCALE: 1/2"=1'

7.1/2" or 9" **

39) 1/8" STEEL PLATE @ FRAME HEAD @ SINGLE DOOR
SCALE: 1/2"=1'

7.1/2" or 9" **

*17" REQ'D FOR REGULAR DOUBLE DOOR.
*14" REQ'D FOR EYEBROW OR ARCH DOUBLE DOORS

**9" REQ'D FOR REGULAR SINGLE DOOR.
**7 1/2" REQ'D FOR EYEBROW OR ARCH SINGLE DOORS
(SEE SHEET 14 FOR LOCATION)

NOTE: Attach hinge to door & jam with (8) #12 x 1-1/4" wood screws
SCALE: 1/2"=1'

PRODUCT REVISED
as complying with the Florida Building Code.
Acceptance No. 17-C8309-10
Expiration Date: 5/20 2017

Standing Seam Product Claim

WALTER A. TILLIT JR.
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TILECO INC. TILT TESTING & ENGINEERING COMPANY
5441 W. Indian School Rd., Phoenix, AZ 85013
Phone: (602) 296-1050 Fax: (602) 296-1050
E-mail: tileco@tileco.com
WE ARE A DOOR & WINDOW MANUFACTURER

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)
DOUBLE & SINGLE SWING GLASS ENTRANCE DOORS

CRAFTSMEN IN WOOD, INC.
5441 West Hooey St., Phoenix, AZ 85043
Phone: (602) 296-1050 Fax: (602) 296-1050

No. 44167

08/02/17 TRD

17-129

SHEET 13 OF 15