



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Eurotech Industries, Inc.**  
4201 NE 12<sup>th</sup> Terrace  
Ft. Lauderdale, FL 33334

**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 "4500" Outswing White PVC French Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 4500OFD001 R2, titled "4500-Series Outswing French Door - Large Missile Impact Resistant", sheets 1 through 9 of 9, dated 11/28/12, with revision #2 dated 02/07/14, prepared by Category 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



*Handwritten signature and date: 3/21/14*

NOA No. 13-0227.03  
Expiration Date: March 27, 2019  
Approval Date: March 27, 2014  
Page 1

American Architectural Manufacturers Association (AAMA)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **4500OFD001-R2**, titled "4500-Series Outswing French Door - Large Missile Impact Resistant" sheets 1 through 9 of 9, dated 11/28/12, with revision #2 dated 02/07/14, prepared by Category 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, 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 FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of a REHAU's series 4500 outswing white PVC French door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3739-1**, dated 04/04/11, with addendum letter dated 01/28/14, all signed and sealed by Gerard J. Ferrara, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis complying with **FBC-2010**, dated 12/03/12, prepared by Category 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Glazing complies with **ASTM E1300-04**

**D. QUALITY ASSURANCE**

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



Manuel Perez, P.E.

Product Control Examiner

NOA No. 13-0227.03

Expiration Date: March 27, 2019

Approval Date: March 27, 2014

American Architectural Manufacturers Association (AAMA)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**E. MATERIAL CERTIFICATIONS**

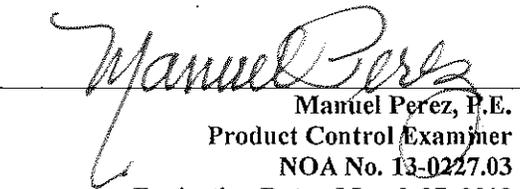
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0601.06**, issued to **REHAU Industries, Inc.**, for their **White Rigid PVC Exterior Extrusions**, approved on 08/11/11, expiring on 06/17/14.
3. Test report No. **B1348.01-106-31**, prepared by Architectural Testing, Inc., dated 08/02/11, issued to REHAU Construction LLC, for their **Glazing Stop - Part No. 560600** and **Glazing Spline - Part No. 864952**, both EPDM exterior glazing gaskets evaluated per the following standards:
  - a) **ASTM D 2240** Hardness (Unaged).
  - b) **ASTM D 395** Compression Set.
  - c) **ASTM D 1149** Ozone Resistance.
  - d) **ASTM D 412** Tension Properties of Rubber and Thermoplastic Elastomers.
  - e) **ASTM D 573** Heat Aging.
  - f) **ASTM D 624** Tear Strength.
  - g) **ASTM D 746** Brittleness.
  - h) **ASTM D 925** Non Staining.
  - i) **ASTM C 1166** Flame Propagation.

**F. STATEMENTS**

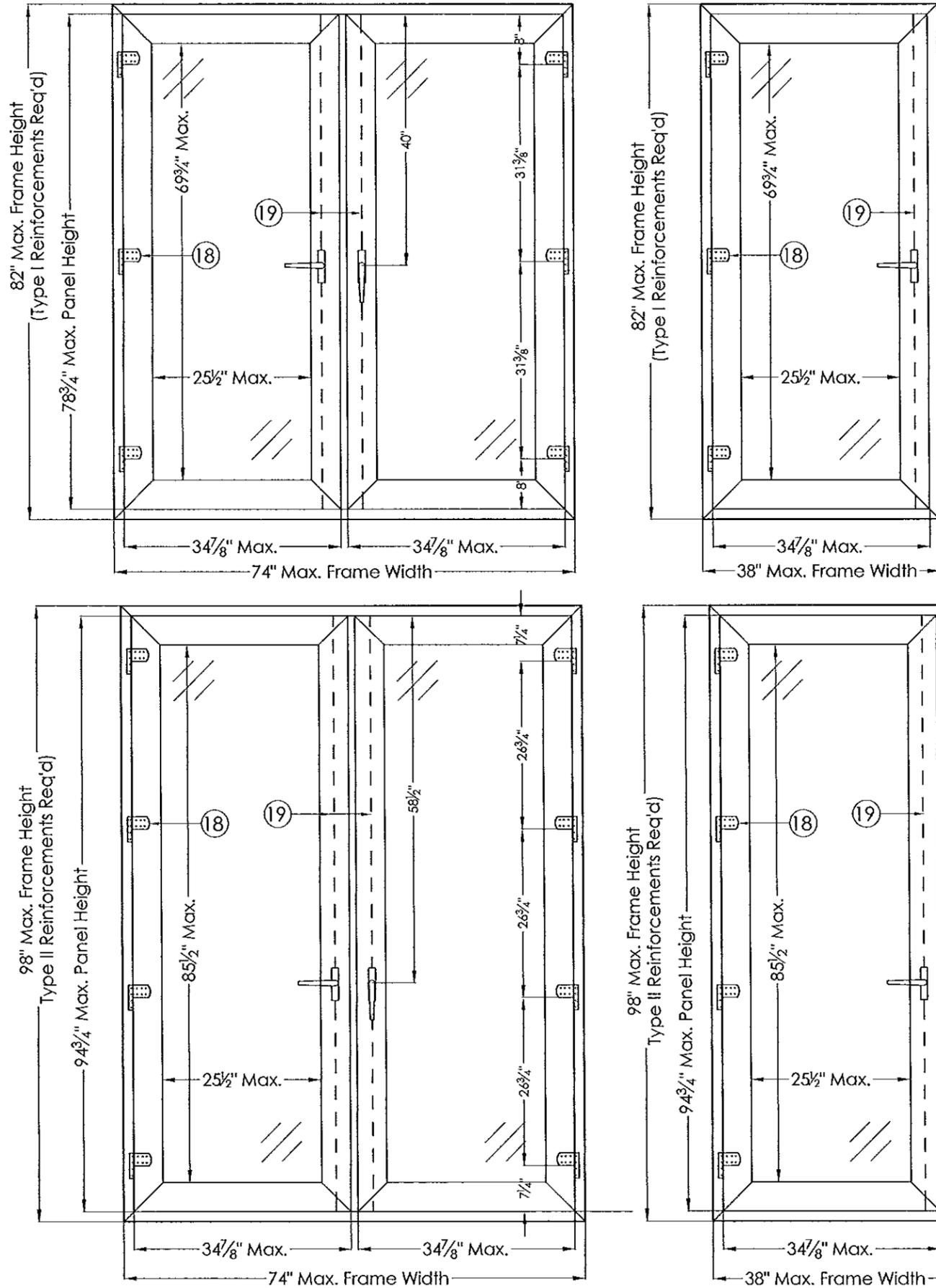
1. Statement letter of conformance, complying with **FBC-2010**, dated December 03, 2012, issued by Category 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
2. Statement letter of no financial interest, dated December 03, 2012, issued by Category 5 Engineering Services, Inc., signed and sealed by Emma T. Mellinger, P.E.
3. Laboratory code compliance statement, dated 04/04/11, issued by National Certified Testing Laboratories for Test Report No. **NCTL-210-3739-1**, signed and sealed by Gerard J. Ferrara, P.E.
4. Manufacturer's Acknowledgement Letter issued by Eurotech Industries, Inc., dated 11/06/13, signed by Angelo Petreccia, President Eurotech Industries.
5. Association Release Letter for Master File #**13-0077** issued by AAMA, dated 12/18/13 and signed by Brad Schultz, Associated Laboratories, Inc. AAMA Administrator/Validator.

**G. OTHER**

1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 13-0227.03  
Expiration Date: March 27, 2019  
Approval Date: March 27, 2014

**EXTERIOR ELEVATIONS**



**NOTES**

1. This Product is a Vinyl Outswing French Door with Steel Reinforcement, Dry-Glazed with Laminated Insulated Glazing.
2. Vinyl Material Meets the Requirements of the 2010 Florida Building Code (HVHZ), and has a Current Miami-Dade County NOA.
3. This Product Has Been Designed and Manufactured to Comply with the Requirements of the 2010 Florida Building Code, including the High Velocity Hurricane Zone (HVHZ).
4. This Approval Applies to Single Outswing Units, and Double Outswing Units Within the Maximum Dimensions Shown Herein. Units May be Combined Using Appropriate Product-Approved Mullions Meeting the Site-Specific Design Pressure Requirements.
5. Wood Buck Design by Others: Wood Bucks Shall Adequately Transfer Imposed Loads to the Surrounding Structure.
6. A Load Duration Increase in Allowable Stress Has Been Used in the Design of Anchors into Wood Only.
7. Hardware (Hinges and Multi-Point Locking System) Shall be by Roto Frank. Anchors and Hardware Shall be As Listed, As Shown on Details Herein. Anchor Embedment into Base Substrate Shall be Beyond Wall Dressing or Stucco.
8. Anchor Conditions Not Described Herein are Not Part of This Approval Document, and Shall Require a Site Specific Design Signed and Sealed by A Florida-Registered Professional Engineer.
9. This Product Meets the Requirements for Large Missile Impact Resistance: Hurricane Shutters Are Not Required.
10. This Product Meets the Requirements for Water Infiltration Resistance.

| DESIGN PRESSURE RATING | MISSILE IMPACT RATING |
|------------------------|-----------------------|
| +65 psf, -65 psf       | Large Missile Impact  |

**TABLE OF CONTENTS**

| SHEET | DESCRIPTION                                      |
|-------|--|
| 1     | Elevation and General Notes                      |
| 2     | Anchor Spacing (82" Door) and Installation Notes |
| 3     | Anchor Spacing (98" Door) and Anchor Types       |
| 4     | Anchor Details                                   |
| 5     | Cross Sections and Glazing Detail (82" Door)     |
| 6     | Cross Sections and Glazing Detail (98" Door)     |
| 7     | Components and Bill of Materials                 |
| 8     | Hardware Locations                               |
| 9     | Corner Construction Detail                       |

**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Emma T. Meilinger, P.E.  
FL PE #50049  
*ETA 3/11/14*

Miami-Dade County Use Only

Approved as complying with the Florida Building Code  
Date *March 27, 2014*  
NOA# *13-021-03*  
Miami Dade Product Control  
By *Manuel Perez*

**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

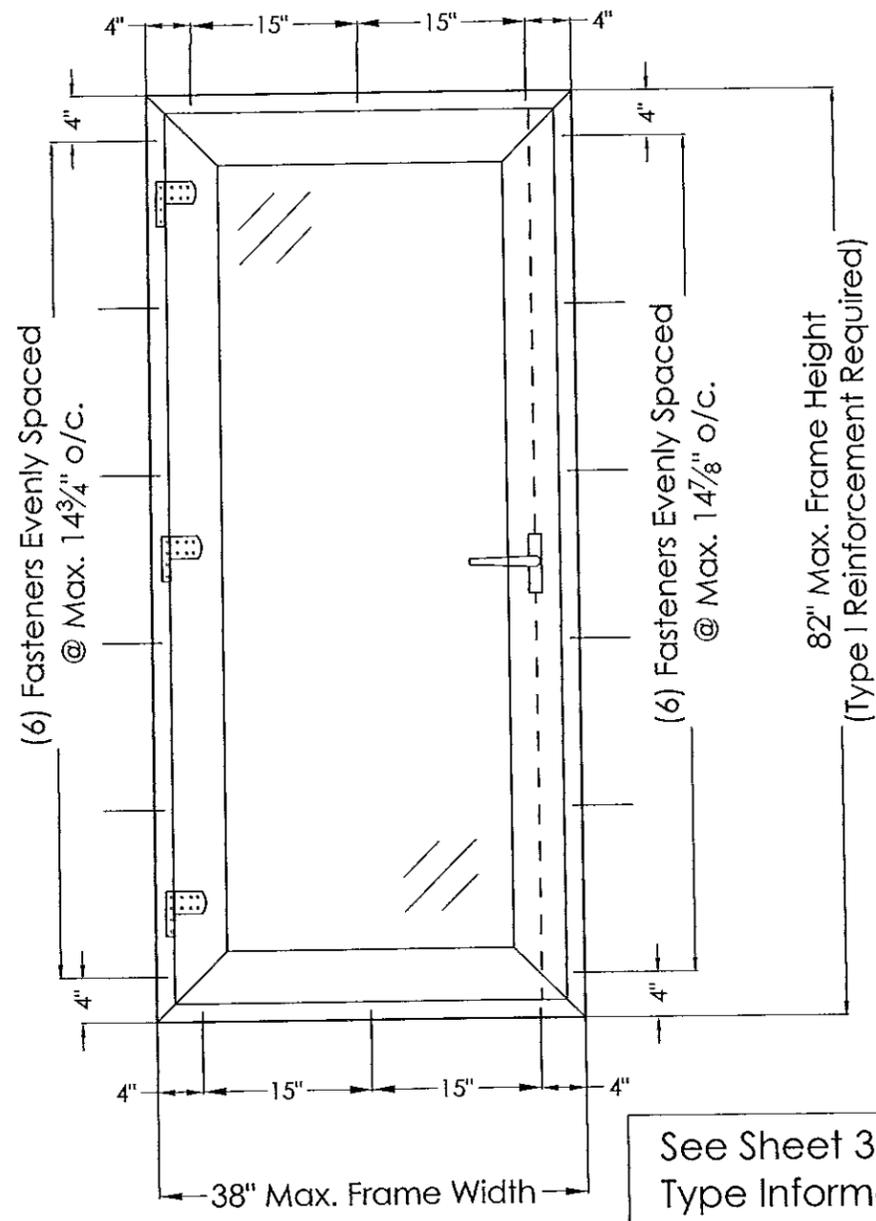
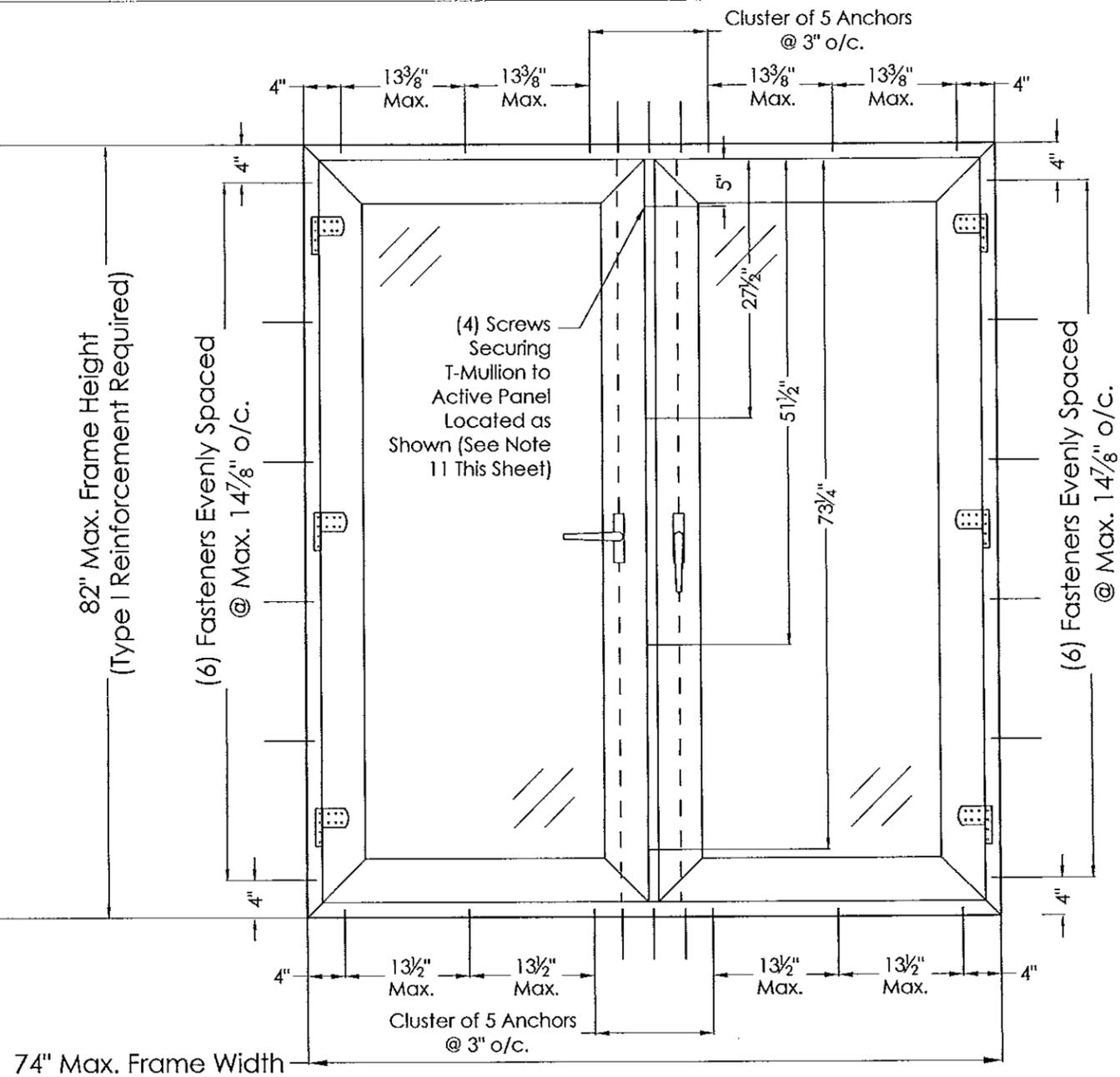
DATE: 11 / 28 / 12

SCALE: AS NOTED

BY: ETM

| REVISIONS |  |
|-----------|--|
| NO.       | DESCRIPTION                            |
| 2         | 02/07/14 EM Corrections per Miami-Dade |
| 1         | 01/16/14 EM Corrections per Miami-Dade |

**DRAWING No. :**  
4500OFD001 R2



See Sheet 3 for Anchor Type Information

**INSTALLATION NOTES**

1. Anchors Shall be of a Type Listed on Sheet 3, Depending on the Substrate.
2. Installer Shall Provide a Vinyl Anchor Block (approx. 1/4" x 3/16" x 1", or ripped to fit). Anchor Block Shall be Secured with Caulking at Each Anchor Location So That the Fastener Penetrates the Block, and No Portion of the Fastener is Exposed or Unsupported.
3. Anchors Shall be Located a Maximum of 4" From Corners.
4. For the Double Door Configuration, A Cluster of (5) Anchors Shall be Located at the Center of the Head and Sill, Spaced 3" Max. o/c.
5. The Balance of Anchors at the Head and Sill, and at the Side Jambs Shall be Spaced as Shown Herein.
6. Wood Bucks Shall Fully Back the Window Frame, Supporting its Entire Depth.
7. A 1" x Wood Buck Shall be a Wood Buck Having a Thickness of Less Than 1 1/2". 1" x Wood Bucks Shall be Optional if the Window Can be installed Directly to the Substrate.
8. The Installation of 1" x and 2" x Wood Bucks Shall be Engineered by Others, as Approved by the Authority Having Jurisdiction.
9. A Structural Shim Shall be Used at Each Anchor Location Where a Gap of 1/8-inch or More Exists Between the Window Frame and the Substrate.
10. Anchor Embedments and Edge Distances Indicated Shall be Beyond Wall Dressing or Stucco, into Structural Substrate.
11. For the Double Door Configuration, the T-Mullion Shall be Secured to the Active Door Panel with #10 x 3" Flat Head Screws, Located as Shown Herein. Qty of Screws is Dependent on Door Panel Size.

**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854  
Emma T. Mellinger, P.E.  
FL PE #50049  
ETA 3/11/14

Miami-Dade County Use Only  
Approved as complying with the Florida Building Code  
Date March 27, 2014  
NOA# 13-0261-03  
Miami Dade Product Control  
By Manuel Juez

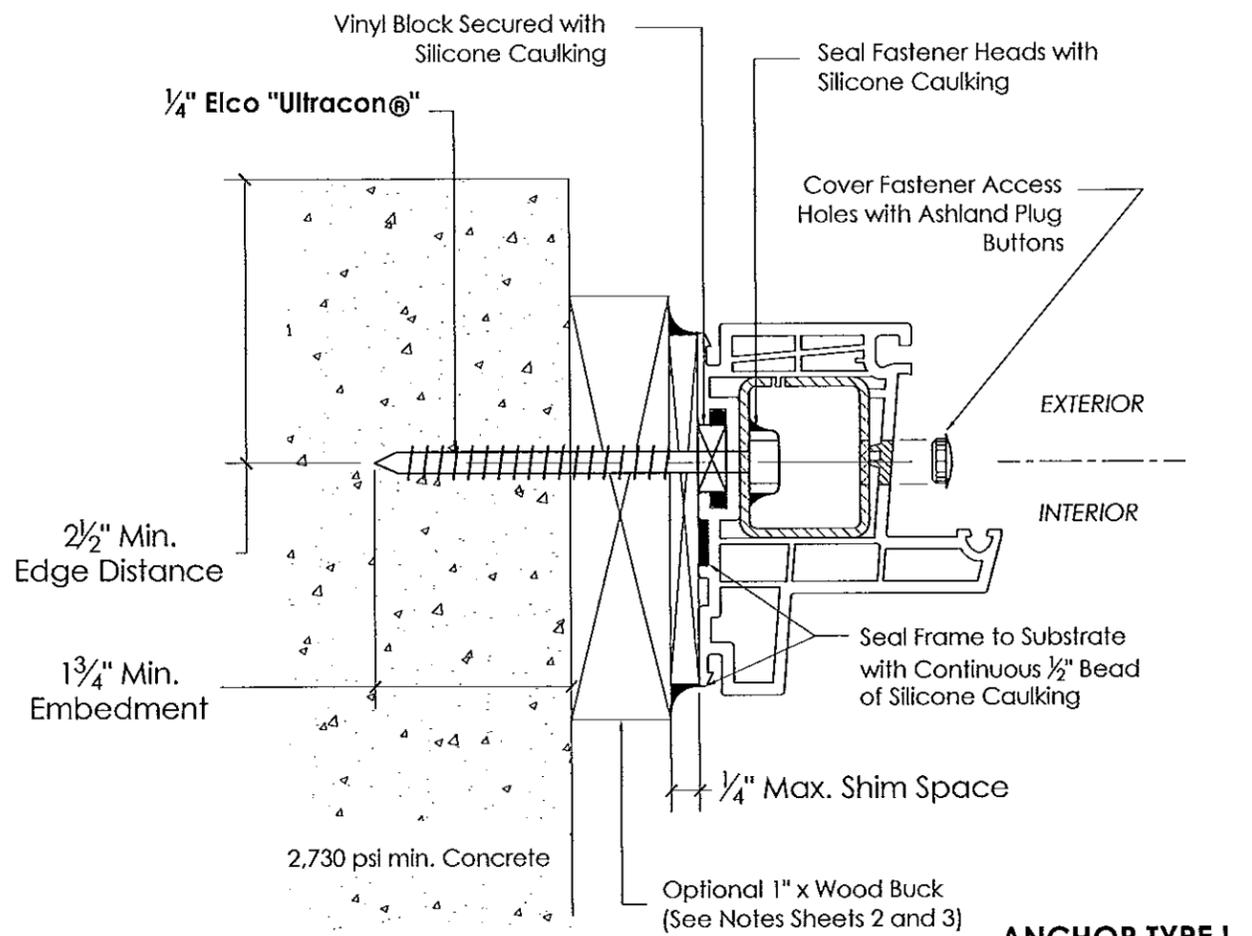
**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

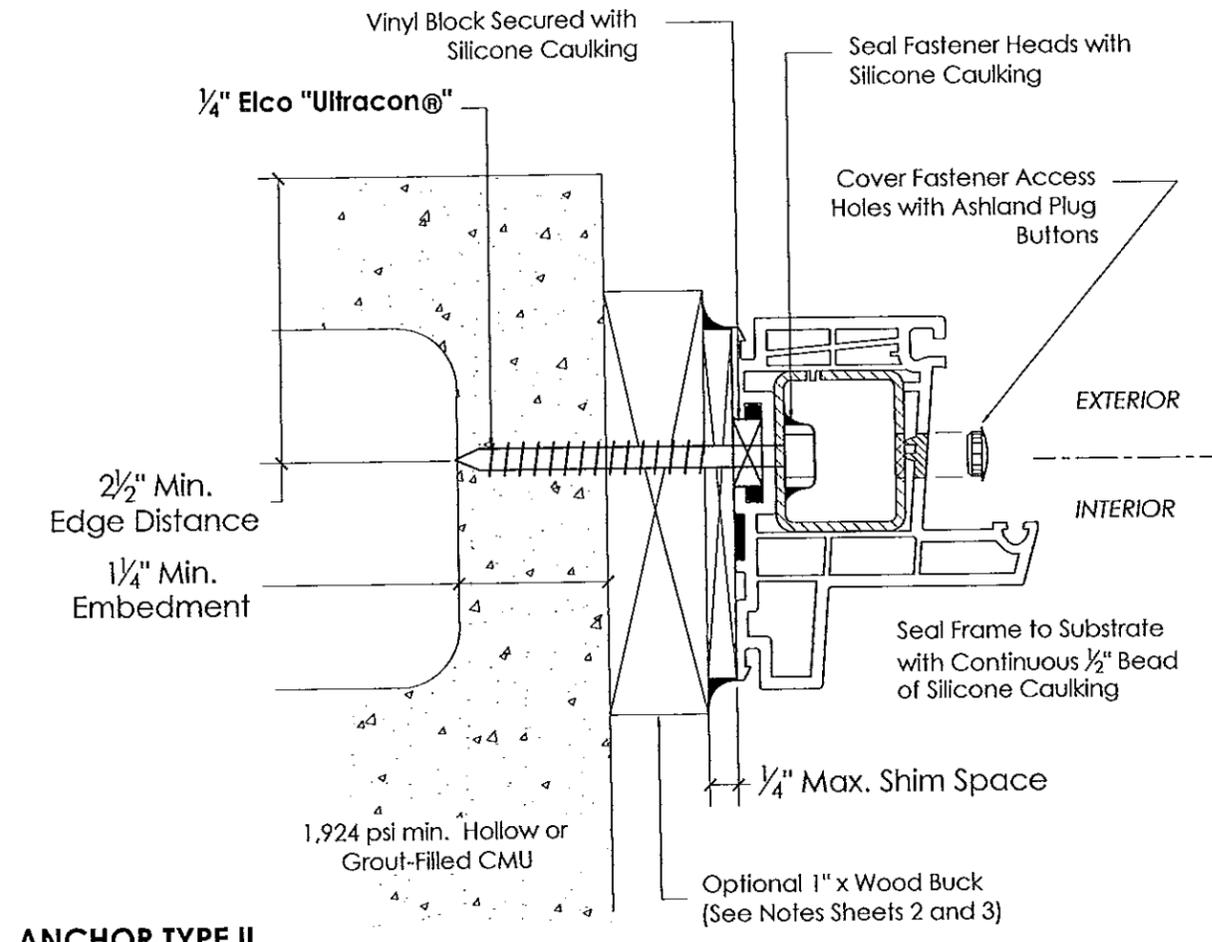
|                |                 |         |           |     |          |    |                            |
|----------------|-----------------|---------|-----------|-----|----------|----|----------------------------|
| DATE: 11/28/12 | SCALE: AS NOTED | BY: ETM | REVISIONS | NO. | DATE     | BY | DESCRIPTION                |
|                |                 |         |           | 2   | 02/07/14 | EM | Corrections per Miami-Dade |
|                |                 |         |           | 1   | 01/15/14 | EM | Corrections per Miami-Dade |

DRAWING No. :  
4500OFD001 R2

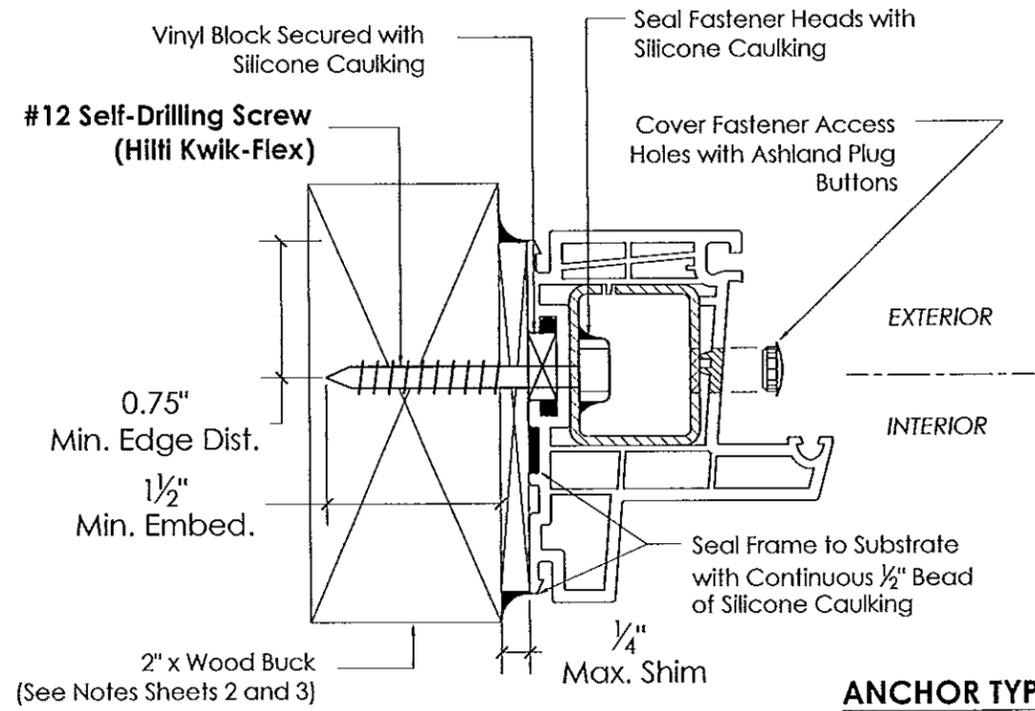




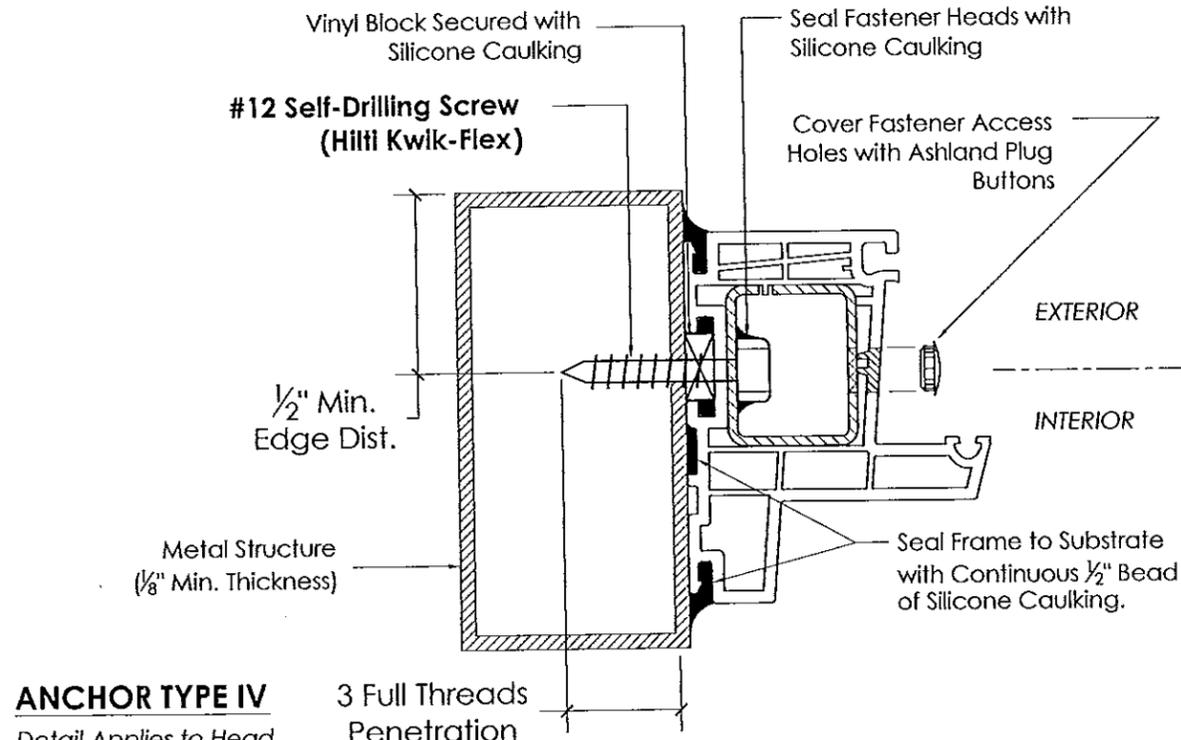
**ANCHOR TYPE I**  
Detail Applies to Head, Sill and Jambs



**ANCHOR TYPE II**  
Detail Applies to Head, Sill and Jambs



**ANCHOR TYPE III**  
Detail Applies to Head, and Jambs Only



**ANCHOR TYPE IV**  
Detail Applies to Head, and Jambs Only

**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Emma T. Mellinger, P.E.  
FL PE #5049  
ETA 3/11/14

Miami-Dade County Use Only

Approved as complying with the Florida Building Code

Date: March 27, 2014

NOAH 13-0027-03

Miami Dade Product Control

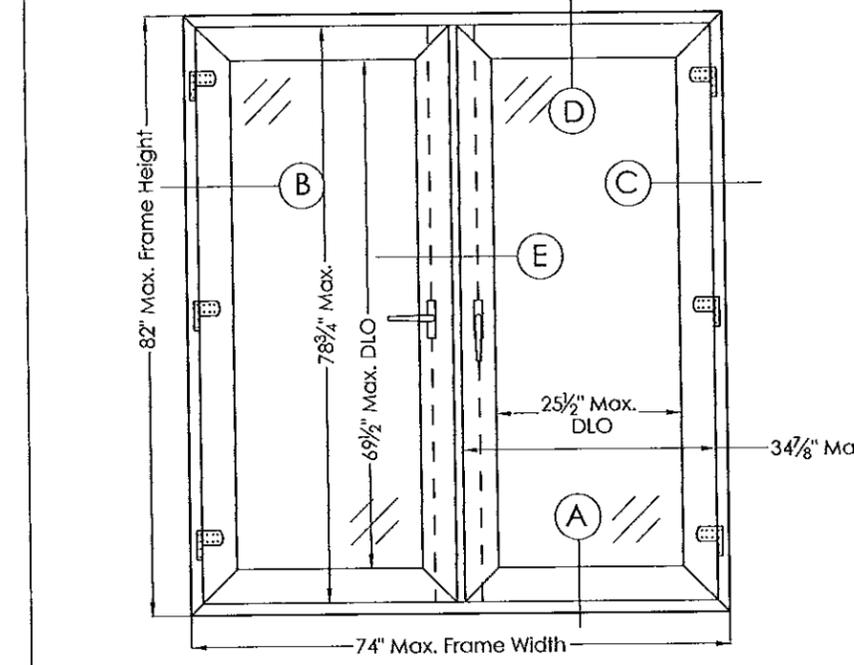
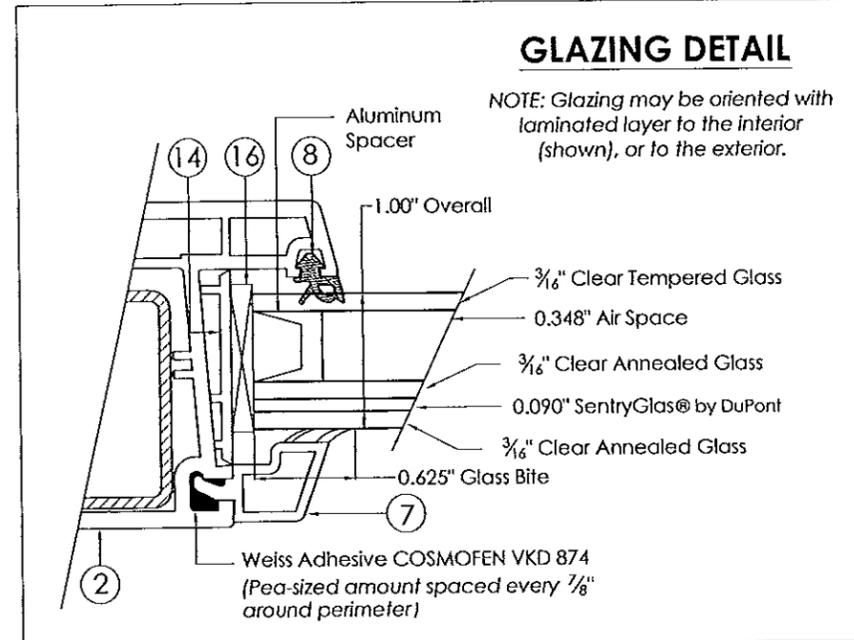
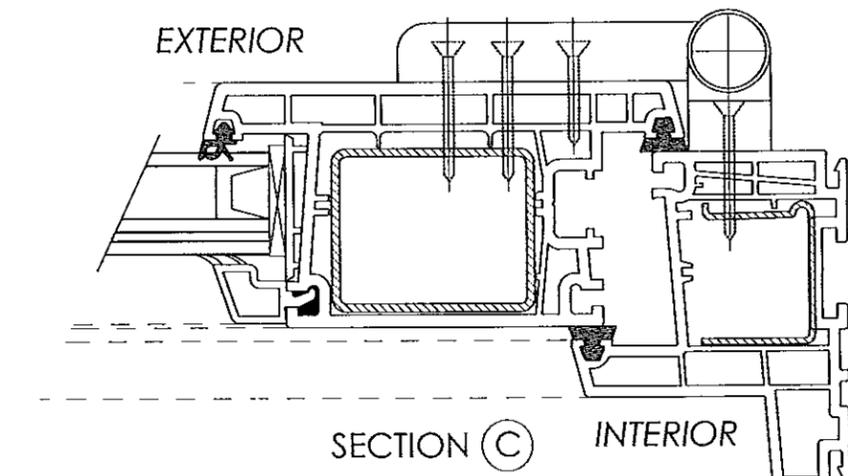
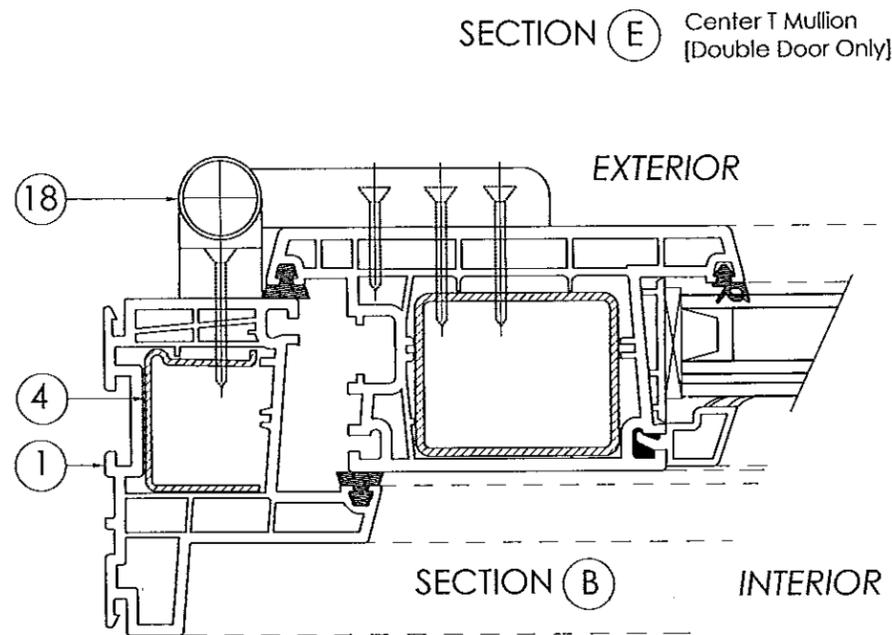
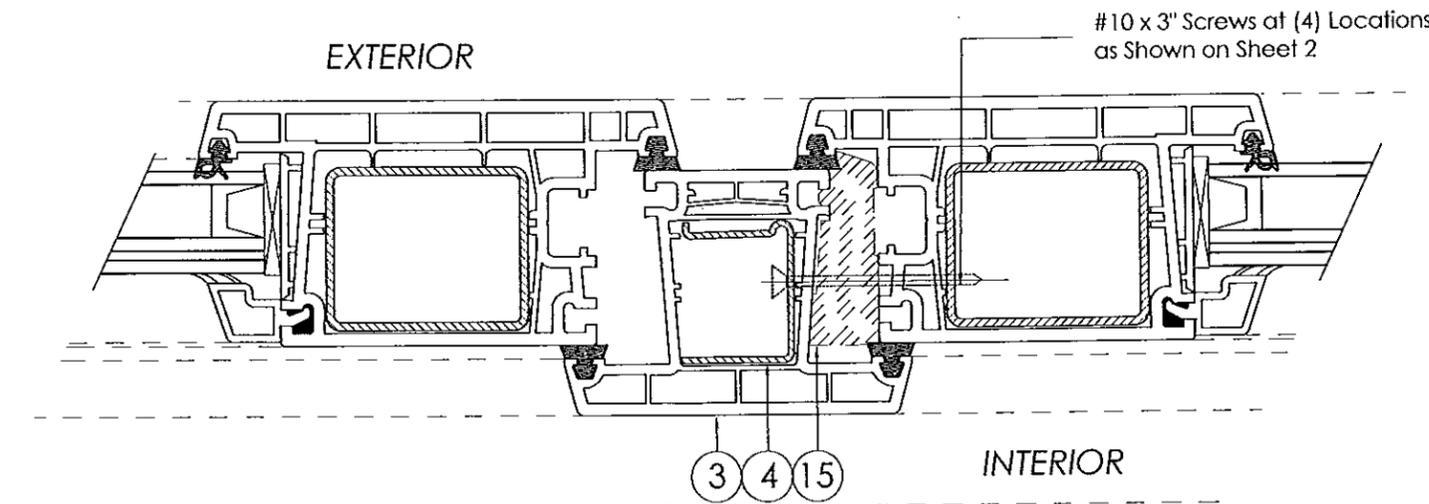
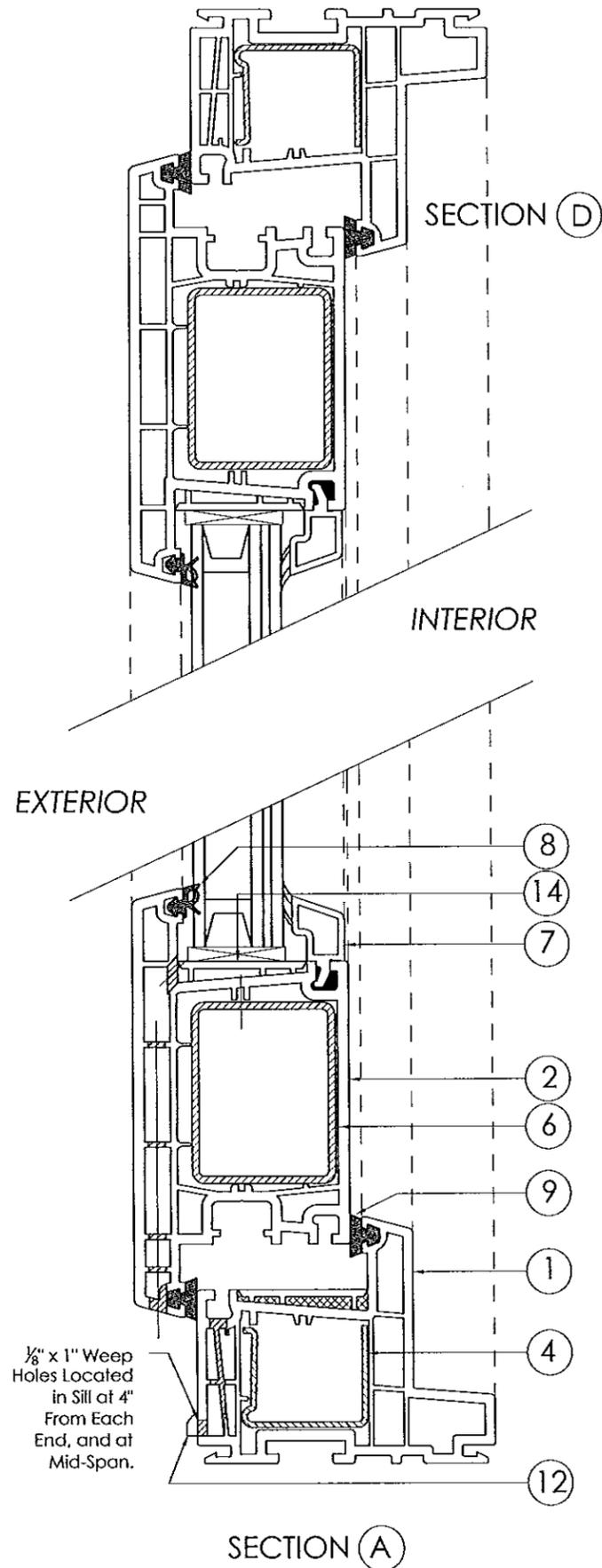
By: Manuel Perez

**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

|                |                 |         |           |    |          |                               |
|----------------|-----------------|---------|-----------|----|----------|-------------------------------|
| DATE: 11/28/12 | SCALE: AS NOTED | BY: ETM | REVISIONS | NO | DATE     | DESCRIPTION                   |
|                |                 |         |           | 2  | 02/07/14 | EM Corrections per Miami-Dade |
|                |                 |         |           | 1  | 01/16/14 | EM Corrections per Miami-Dade |

DRAWING No. :  
4500OFD001 R2



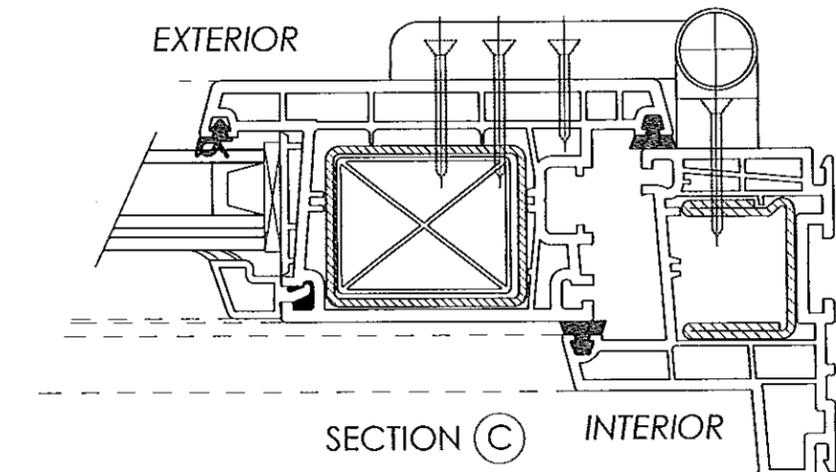
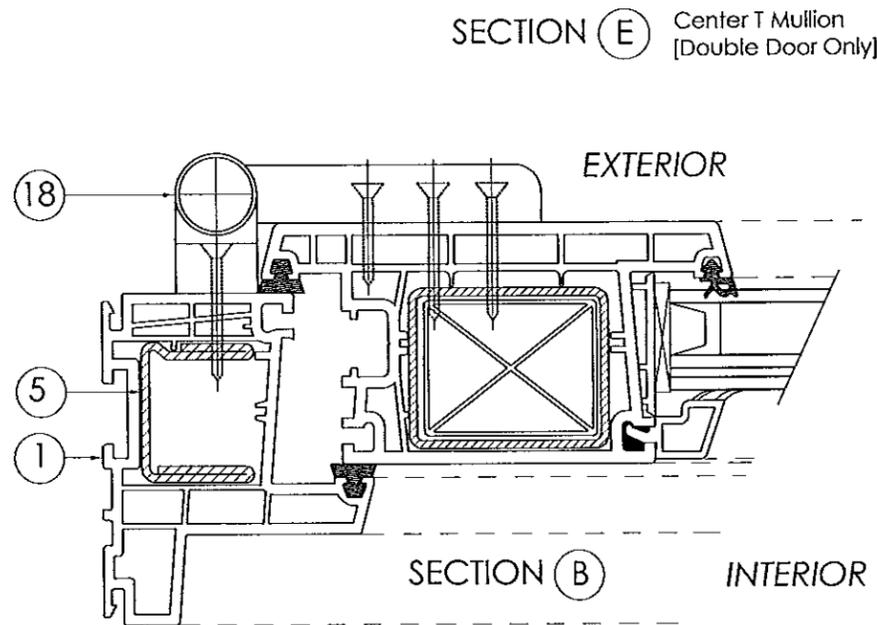
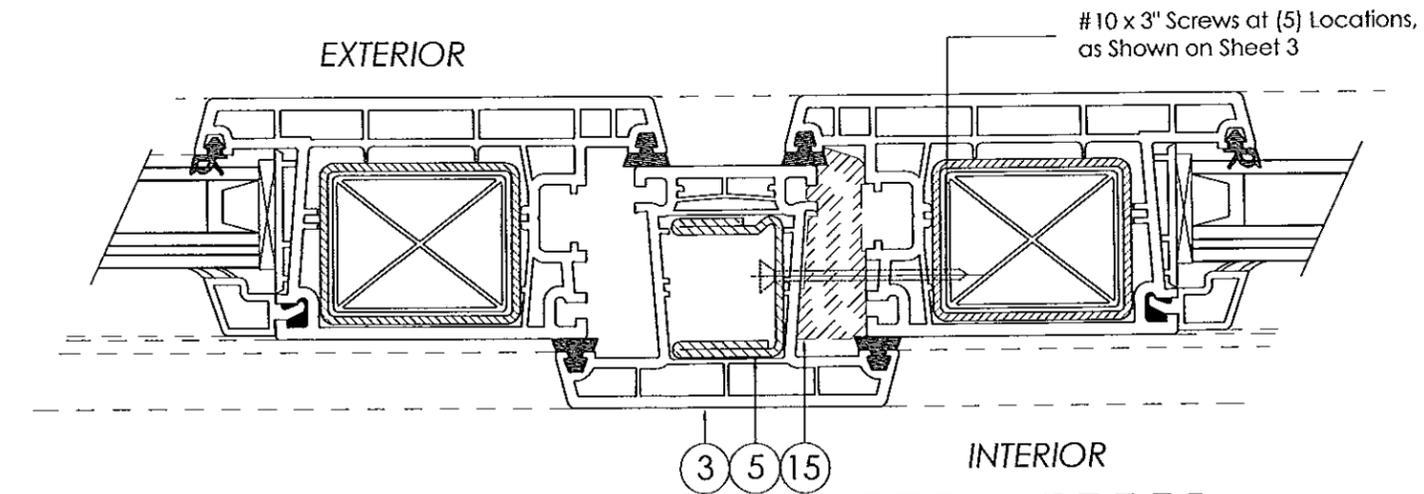
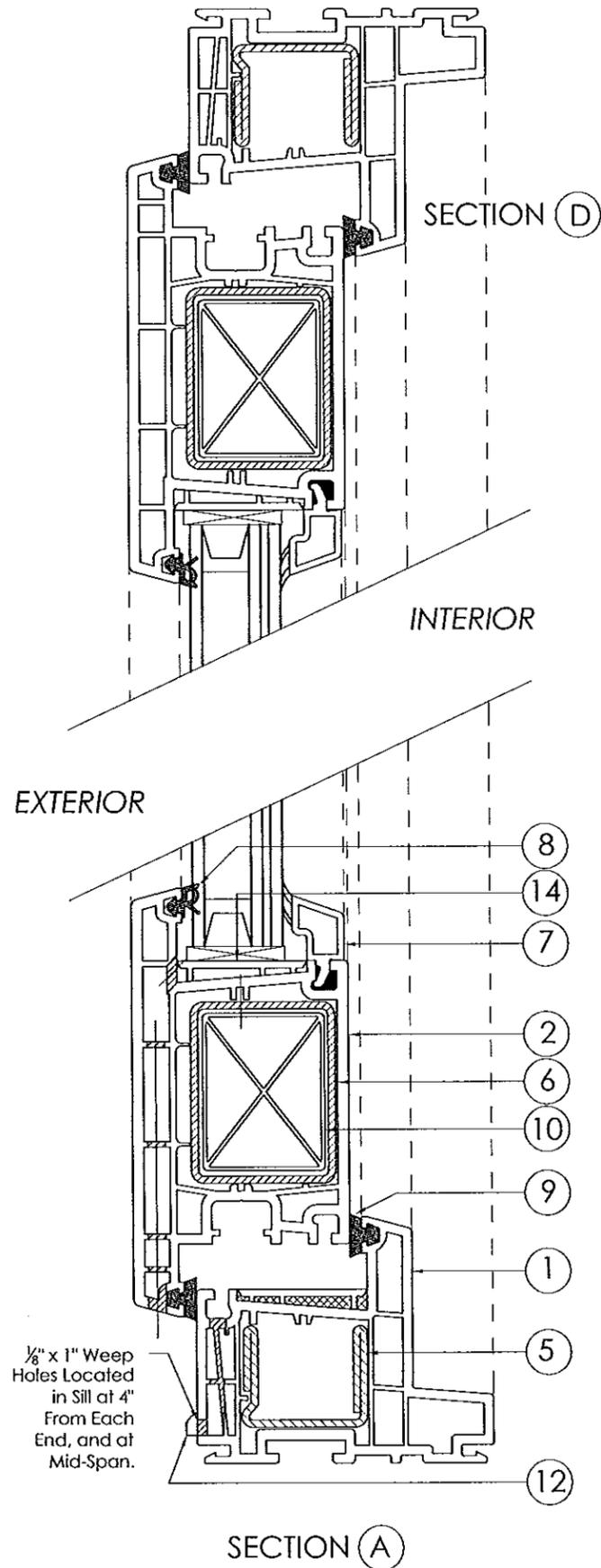
**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854  
Emma T. Mellinger, P.E.  
FL PE #50049  
ETA 3/11/14

Approved as complying with the Florida Building Code  
Date: March 27, 2014  
NOA# 13-0227-03  
Miami Dade Product Control  
by: Manuel Perez

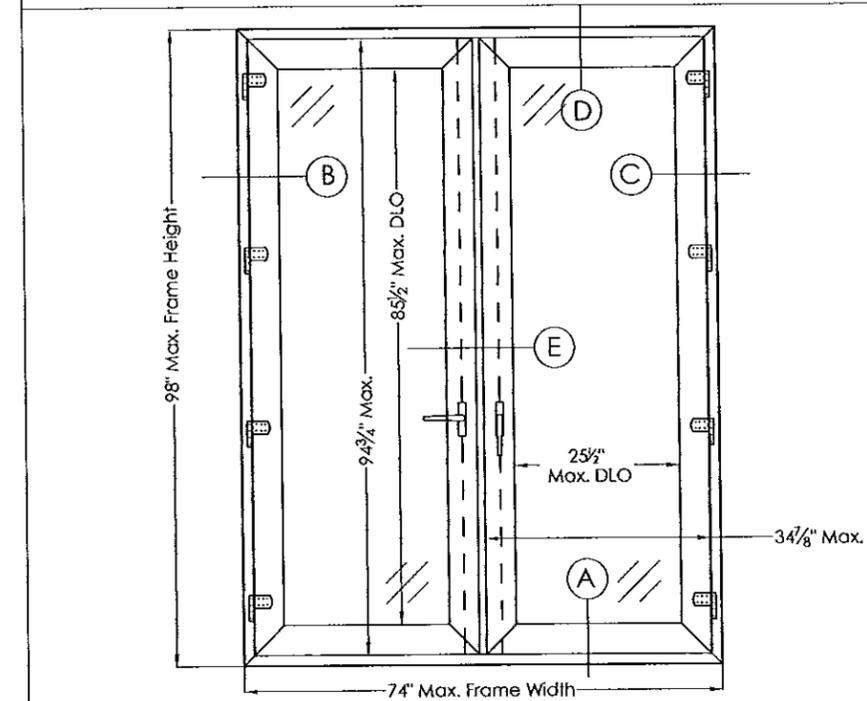
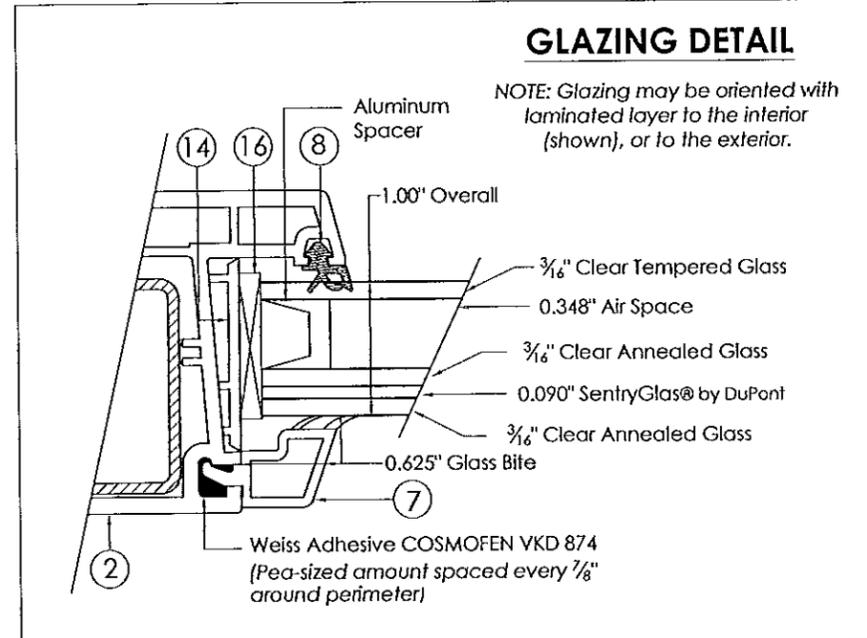
**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant  
**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

|                |                 |         |                            |
|----------------|-----------------|---------|----------------------------|
| DATE: 11/28/12 | SCALE: AS NOTED | BY: ETM | REVISIONS                  |
| NO.            | DATE            | BY      | DESCRIPTION                |
| 2              | 02/07/14        | EM      | Corrections per Miami-Dade |
| 1              | 01/16/14        | EM      | Corrections per Miami-Dade |

DRAWING No. :  
4500OFD001 R2



SECTION E Center T Mullion [Double Door Only]



**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Emma T. Mellinger, P.E.  
FL PE #50049  
EM 3/11/14

Approved as complying with the Florida Building Code  
Date: March 27, 2014  
NOA# 13-0227-03  
Miami Dade Product Control  
By: Manuel Perez

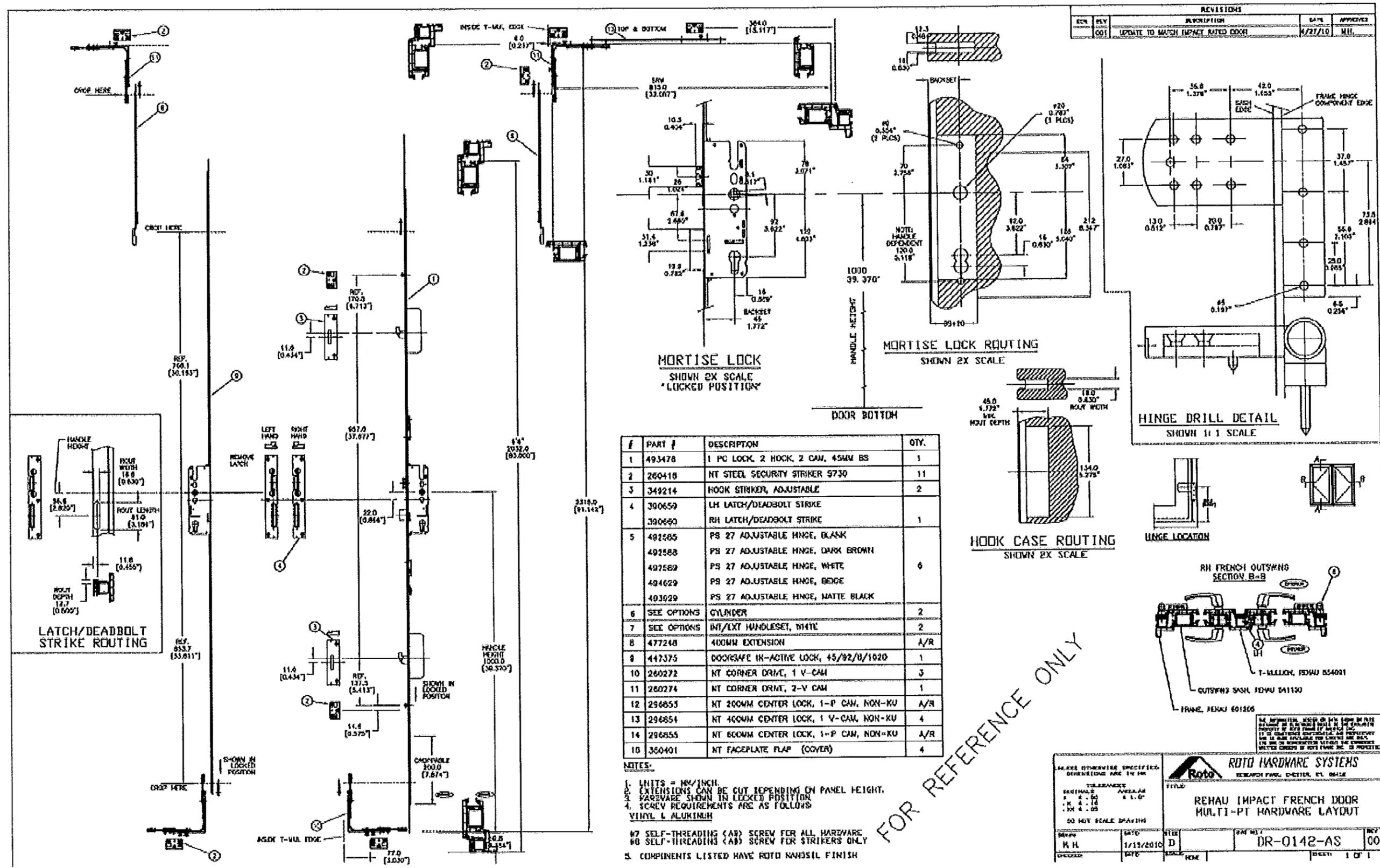
**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

|                 |           |     |          |    |                            |
|-----------------|-----------|-----|----------|----|----------------------------|
| DATE: 11/28/12  | REVISIONS | NO. | DATE     | BY | DESCRIPTION                |
| SCALE: AS NOTED |           | 2   | 02/07/14 | EM | Corrections per Miami-Dade |
| BY: ETM         |           | 1   | 01/16/14 | EM | Corrections per Miami-Dade |

DRAWING No.: 4500OFD001 R2

Sheet 6 of 9



| REV | BY | DESCRIPTION                       | DATE    | APPROVED |
|-----|----|-----------------------------------|---------|----------|
| 001 |    | UPDATE TO MATCH IMPACT RATED DOOR | 5/27/10 | MIL      |

| #  | PART #      | DESCRIPTION                           | QTY. |
|----|-------------|---------------------------------------|------|
| 1  | 493478      | 1 PC LOCK, 2 HOOK, 2 CAM, 45MM BS     | 1    |
| 2  | 260418      | NT STEEL SECURITY STRIKER 9730        | 11   |
| 3  | 349214      | HOOK STRIKER, ADJUSTABLE              | 2    |
| 4  | 300659      | LH LATCH/DEADBOLT STRIKE              |      |
|    | 300660      | RH LATCH/DEADBOLT STRIKE              | 1    |
| 5  | 492585      | PS 27 ADJUSTABLE HINGE, BLANK         |      |
|    | 492588      | PS 27 ADJUSTABLE HINGE, DARK BROWN    |      |
|    | 492589      | PS 27 ADJUSTABLE HINGE, WHITE         | 6    |
|    | 494629      | PS 27 ADJUSTABLE HINGE, BEIGE         |      |
|    | 493929      | PS 27 ADJUSTABLE HINGE, MATTE BLACK   |      |
| 6  | SEE OPTIONS | CYLINDER                              | 2    |
| 7  | SEE OPTIONS | INT/EXT HANDLESET, WHITE              | 2    |
| 8  | 477248      | 400MM EXTENSION                       | A/R  |
| 9  | 447375      | DOCKSAFE IR-ACTIVE LOCK, +5/92/8/1020 | 1    |
| 10 | 260272      | NT CORNER DRMT, 1 V-CAM               | 3    |
| 11 | 260274      | NT CORNER DRMT, 2-V CAM               | 1    |
| 12 | 296853      | NT 200MM CENTER LOCK, 1-P CAM, NON-KU | A/R  |
| 13 | 296854      | NT 400MM CENTER LOCK, 1 V-CAM, NON-KU | 4    |
| 14 | 296855      | NT 800MM CENTER LOCK, 1-P CAM, NON-KU | A/R  |
| 15 | 350401      | NT FACEPLATE FLAP (COVER)             | 4    |

NOTES:  
 1. UNITS = MM/INCH.  
 2. EXTENSIONS CAN BE CUT DEPENDING ON PANEL HEIGHT.  
 3. HARDWARE SHOWN IN LOCKED POSITION.  
 4. SCREW REQUIREMENTS ARE AS FOLLOWS:  
 VINYL & ALUMINUM  
 #7 SELF-THREADING (AS) SCREW FOR ALL HARDWARE  
 #6 SELF-THREADING (AS) SCREW FOR STRIKERS ONLY  
 5. COMPONENTS LISTED HAVE ROTO NANOSIL FINISH

ROTO HARDWARE SYSTEMS  
 RESEARCH PARK, CENTER, FL 33014

TITLE: REHAU IMPACT FRENCH DOOR MULTI-PT HARDWARE LAYOUT

DRW: K H DATE: 1/13/2010

NO: DR-0142-AS 001

SCALE: 1/4" = 1'-0"

DATE: 11/28/12

SCALE: AS NOTED

BY: EIM

REVISIONS

| NO. | DATE     | BY | DESCRIPTION                |
|-----|----------|----|----------------------------|
| 2   | 02/07/14 | EM | Corrections per Miami-Dade |
| 1   | 01/16/14 | EM | Corrections per Miami-Dade |

**CATEGORY 5**  
 Engineering Services, Inc.

1600 S. Federal Highway, #207  
 Pompano Beach, FL 33062  
 (954) 784-6991 • CA #25854

Emma T. Mellinger, P.E.  
 FL PE #50049

3/11/14

Approved as complying with the Florida Building Code  
 Date: March 27, 2014  
 NOA#: 13-0027.03  
 Miami Dade Product Control  
 By: Manuel Perez

**4500-SERIES OUTSWING FRENCH DOOR**  
 Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
 4291 NE 12 Terrace,  
 Fort Lauderdale, FL 33334

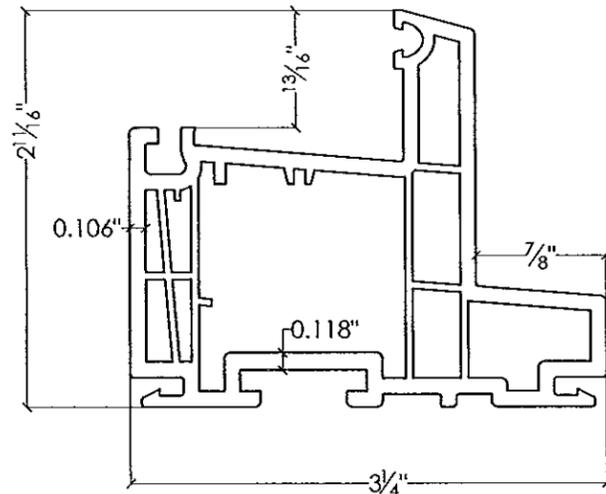
DATE: 11/28/12  
 SCALE: AS NOTED  
 BY: EIM

REVISIONS

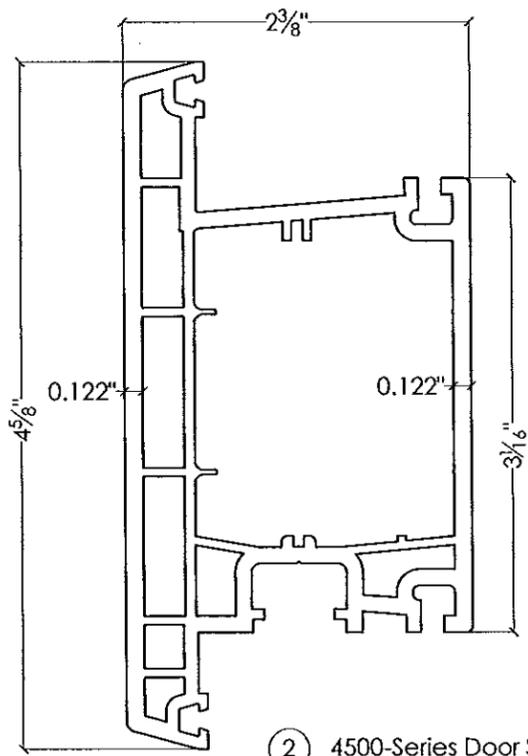
| NO. | DATE     | BY | DESCRIPTION                |
|-----|----------|----|----------------------------|
| 2   | 02/07/14 | EM | Corrections per Miami-Dade |
| 1   | 01/16/14 | EM | Corrections per Miami-Dade |

DRAWING No.: 4500OFD001 R2

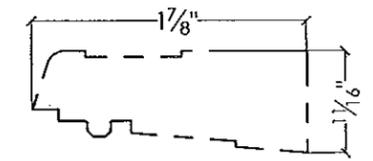
Sheet 7 of 9



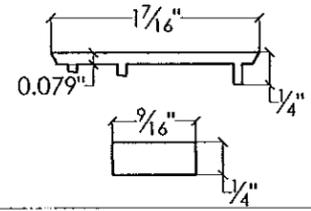
① 4500-Series Frame



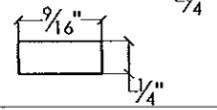
② 4500-Series Door Sash



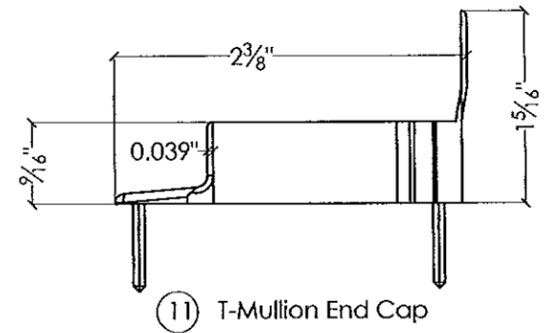
⑮ Distance Block



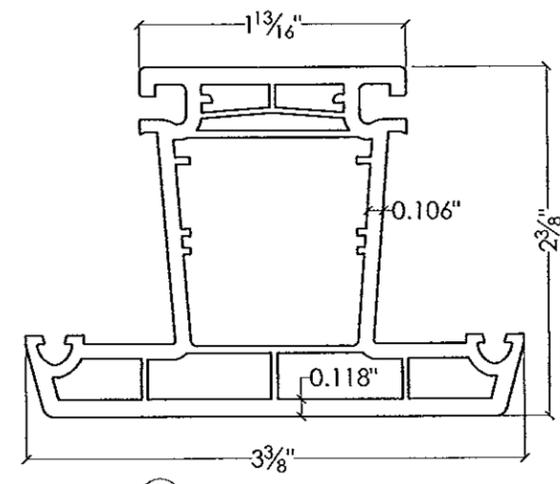
⑭ Sloped Sill Shim



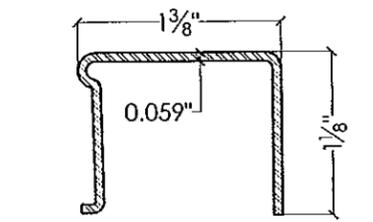
⑰ Vinyl Anchor Block  
(Provided by Installer)



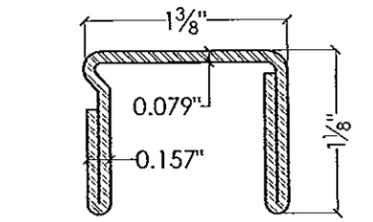
⑪ T-Mullion End Cap



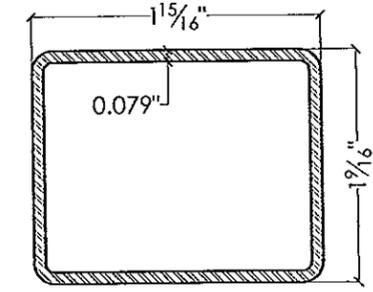
③ 4500-Series T-Mullion



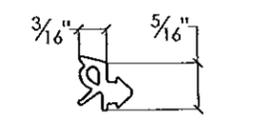
④ 4500-Series Frame Reinforcement (Type I)



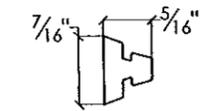
⑤ 4500-Series Frame Reinforcement (Type II)



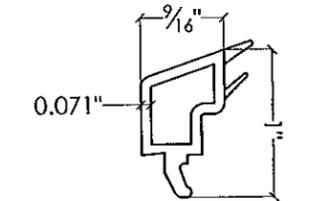
⑥ 4500-Series Door Sash Reinforcement



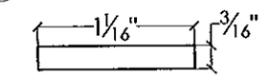
⑧ Glazing Spline



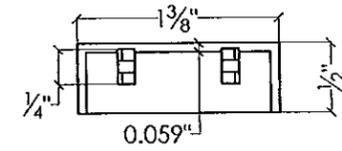
⑨ Sealing Spline



⑦ Glazing Stop



⑯ Setting Block



⑫ Drain Cover Cap



⑬ Plug Button

**KEY and BILL OF MATERIALS**

| Item # | Part #    | Description   | Material    | Vendor                  |
|--------|-----------|---|-------------|-------------------------|
| 1      | 601205    | Frame   | Vinyl       | Rehau Industries, Inc.  |
| 2      | 541150    | Sash  | Vinyl       | Rehau Industries, Inc.  |
| 3      | 554091    | T-Mullion   | Vinyl       | Rehau Industries, Inc.  |
| 4      | 244506    | Frame Reinforcement (Type I)                        | Galv. Steel | Rehau Industries, Inc.  |
| 5      | 244536    | Frame Reinforcement (Type II)                       | Galv. Steel | Rehau Industries, Inc.  |
| 6      | 251886    | Door Sash Reinforcement                             | Galv. Steel | Rehau Industries, Inc.  |
| 7      | 560600    | Glazing Stop  | Vinyl       | Rehau Industries, Inc.  |
| 8      | 864992    | Glazing Spline                                      | EPDM        | Rehau Construction, LLC |
| 9      | 864952    | Sealing Spline                                      | EPDM        | Rehau Construction, LLC |
| 10     | 234300    | Weldable Corners (Only for Door Sizes Over 82")     | Vinyl       | Rehau Industries, Inc.  |
| 11     | 254315    | T-Mullion End Caps                                  | Vinyl       | Rehau Industries, Inc.  |
| 12     | 261582    | Drain Cover Caps                                    | Vinyl       | Rehau Industries, Inc.  |
| 13     | 13856-034 | Plug Buttons  | Vinyl       | Ashland                 |
| 14     | 541220    | Sloped Sill Shim                                    | Vinyl       | Rehau Industries, Inc.  |
| 15     | 241043    | Distance Block                                      | Vinyl       | Rehau Industries, Inc.  |
| 16     | -         | Setting Block                                       | Vinyl       | Rehau Industries, Inc.  |
| 17     | -         | Anchor Block  | Vinyl       | Provided by Installer   |
| 18     | -         | Hinges (3 per Leaf Req'd for Door Size 82" or Less) | Steel       | Roto Frank              |
| 19     | -         | Multi-point Lockset                                 | Steel       | Roto Frank              |

Note: Item 10 (Weldable Corner Block) is Shown on Sheet 9.

**CATEGORY 5**  
Engineering Services, Inc.

1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854

Emma T. Mellinger, P.E.  
FL PE #50049  
EAM 3/11/14

Approved as complying with the  
Florida Building Code  
Date: May 21, 2014  
Date: 10-22-13  
Miami-Dade County  
Miami-Dade Product Control  
Miami-Dade  
Manuel Perez

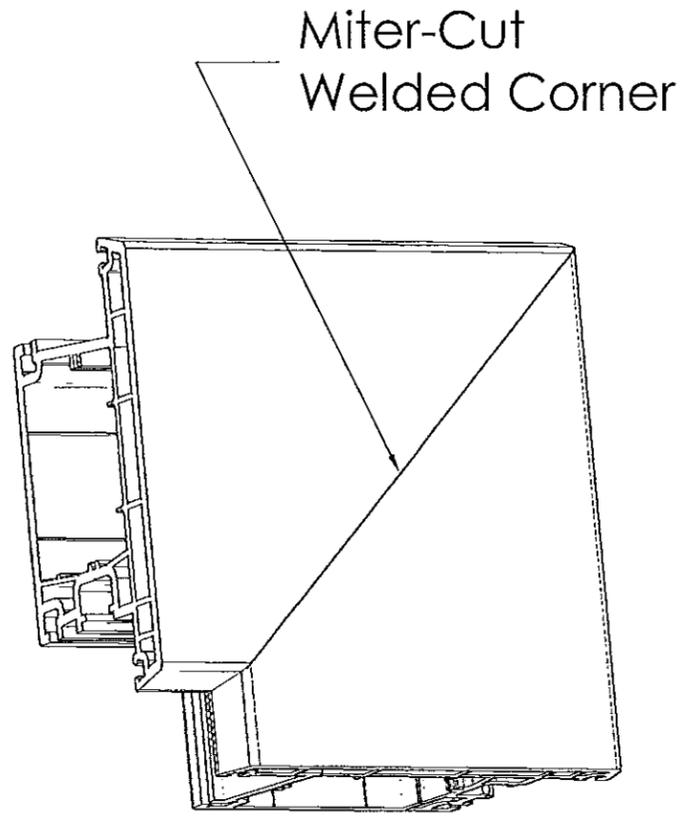
**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

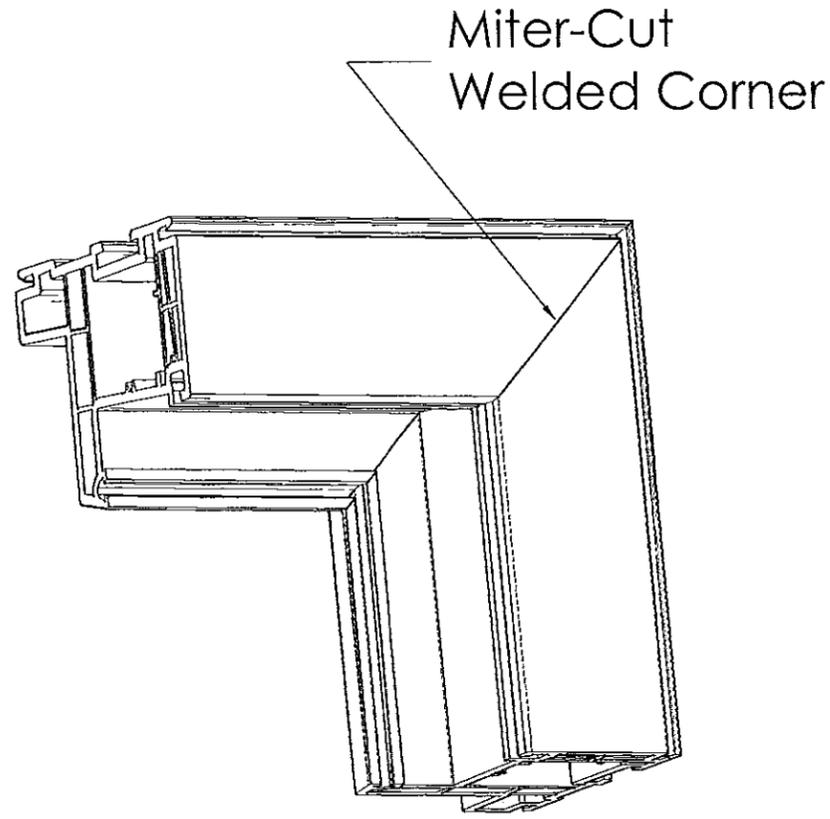
DATE: 11/16/12  
SCALE: AS NOTED  
BY: ETM

| NO. | DATE     | BY | DESCRIPTION                |
|-----|----------|----|----------------------------|
| 2   | 02/07/14 | EM | Corrections per Miami-Dade |
| 1   | 01/16/14 | EM | Corrections per Miami-Dade |

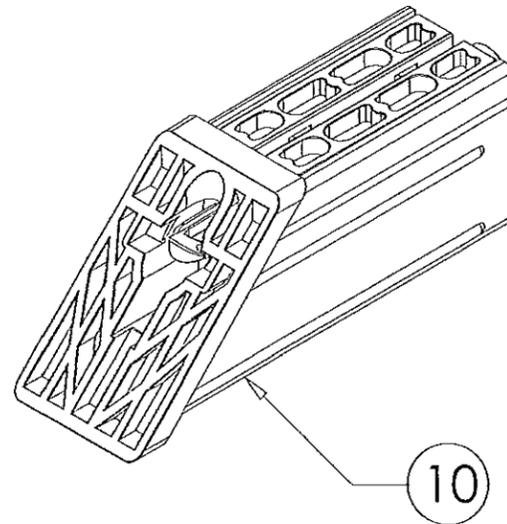
DRAWING No. :  
4500OFD001 R2



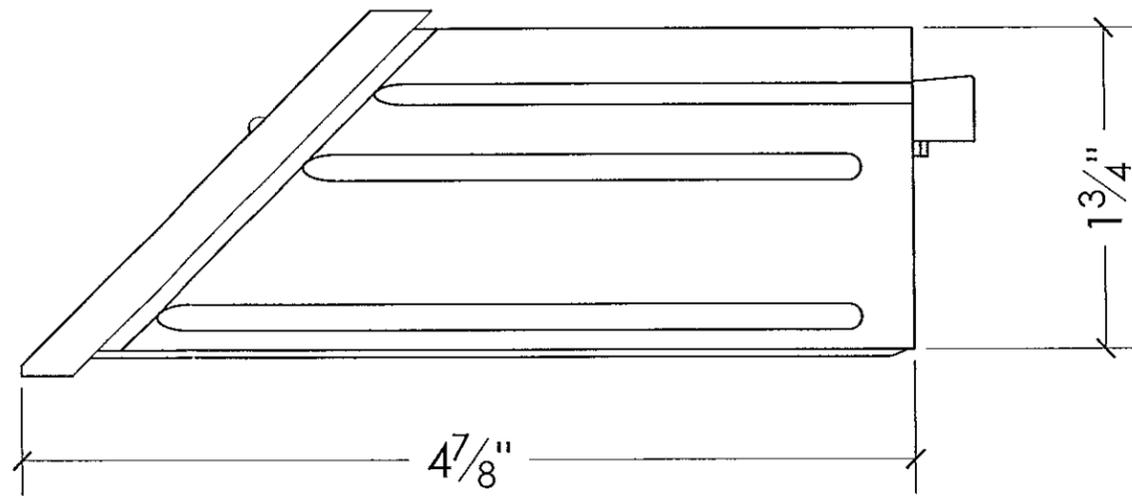
SASH DETAIL



FRAME DETAIL



WELDABLE SASH CORNER BLOCK DETAIL  
(Use with Door Frame Sizes Over 82" Tall)



**CATEGORY 5**  
Engineering Services, Inc.  
1600 S. Federal Highway, #207  
Pompano Beach, FL 33062  
(954) 784-6991 • CA #25854  
Emma T. Mellinger, P.E.  
Fy PE #50049  
ETA 3/11/14

Approved as complying with the  
Florida Building Code  
Date March 21, 2014  
NOA# 13-022703  
Miami-Dade Product Control  
By: Manuel Perry

**4500-SERIES OUTSWING FRENCH DOOR**  
Large Missile Impact Resistant

**EUROTECH INDUSTRIES, INC**  
4291 NE 12 Terrace,  
Fort Lauderdale, FL 33334

|                |                 |         |                            |     |      |    |             |
|----------------|-----------------|---------|----------------------------|-----|------|----|-------------|
| DATE: 11/16/12 | SCALE: AS NOTED | BY: ETM | REVISIONS                  | NO. | DATE | BY | DESCRIPTION |
| 2              | 02/07/14        | EM      | Corrections per Miami-Dade |     |      |    |             |
| 1              | 01/16/14        | EM      | Corrections per Miami-Dade |     |      |    |             |

DRAWING No. :  
4500OFD001 R2