



**MIAMI-DADE COUNTY, FLORIDA  
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](http://www.miamidade.gov/building)

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

**NOTICE OF ACCEPTANCE (NOA)**

**Trulite Glass & Aluminum Solutions, LLC  
403 Westpark Court Suite 201  
Peachtree City, GA 30269**

**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 "NS 200" Outswing Aluminum Entrance Door w/wo Transom – N.I.**

**APPROVAL DOCUMENT:** Drawing No. **MD23-100**, titled "NS200 Series Narrow Stile Alum Outswing Doors – HVHZ Non-Impact", sheets 1 through 13 of 13, dated 07/19/23, with revision #4 dated 07/19/23, prepared by manufacturer, signed and sealed by Ernesto Nicolas, 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: None.**

**(Approved Hurricane Protection Devices, complying w/ FBC required.)**

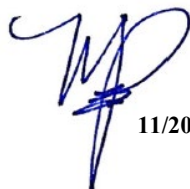
**LIMITATIONS:**

1. See applicable Door Design Pressure & hardware options in sheet 1.
2. See applicable Door w/Transom's Design Pressure & hardware options in sheet 2.
3. Max. 41-1/2" transom is applicable with door height = 84" max. and lock option 1, see sheet 2.
4. Not rated where water resistant requirement is needed.
5. Mid-Rail option, when used, is limited to  $D_p = \pm 40$  PSF.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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.



  
11/20/23

**NOA No. 23-0915.01**  
**Expiration Date: July 25, 2028**  
**Approval Date: November 30, 2023**  
**Page 1**



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**NOTICE OF ACCEPTANCE (NOA)**

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403 Westpark Court Suite 201  
Peachtree City, GA 30269

**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 No. 21-0122.09** and consists of these pages 1 and 2, 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.**



11/20/23

NOA No. 23-0915.01  
Expiration Date: July 25, 2028  
Approval Date: November 30, 2023  
Page 2

**Trulite Glass & Aluminum Solutions, LLC**

**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. 12-0627.08)*
2. Drawing No. **AD15-21**, titled "NS-200 Alum Narrow Stile Outswing Doors – w/wo (Non-Impact)", sheets 1 through 9 of 9, dated 07/09/15, with revision **#3** dated 01/18/21, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.  
*(Submitted under NOA No. 21-0122.09)*

**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) Forced Entry Test, per AAMA 1304, and TAS 202-94  
along with marked-up drawings and installation diagram of an outswing aluminum entrance door w/wo Transoms, prepared by Architectural Testing, Test Report No's. **C0566.01-550-18**, dated 12/17/12, **C0566.02-550-18**, dated 12/19/12, **C0566.03-550-18**, dated 01/04/13, and **C0566.04-550-18**, dated 12/19/12 and revised on 01/09/13, all signed and sealed by Vinu Abraham, P.E.  
Note: The above test reports have addendum letter dated April 18, 2013, issued by Architectural Testing Lab, signed and sealed by Vinu Abraham, P.E.  
*(Submitted under NOA No. 12-0627.08)*

**C. CALCULATIONS**

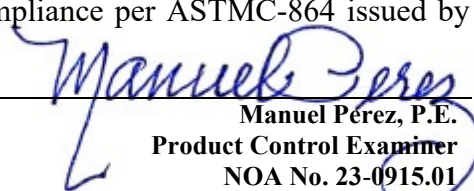
1. Anchor verification calculations and structural analysis, complying with **FBC 6<sup>th</sup> Edition (2017)**, dated 01/28/18 and revised on 02/22/18, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.  
*(Submitted under NOA No. 17-1017.18)*
2. Glazing complies with **ASTM E 1300-02, -04 & -09**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Technical cut sheet of EPDM glazing gasket compliance per ASTM C-864 issued to Tremco, Inc by Excel Polymers, LLC (Development Lab).  
*(Submitted under NOA No. 12-0627.08)*
2. Technical cut sheet of EPDM glazing gasket compliance per ASTM C-864 issued by Glazing Rubber Products Inc.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-0915.01  
Expiration Date: July 25, 2028  
Approval Date: November 30, 2023

**Trulite Glass & Aluminum Solutions, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**  
**F. STATEMENTS**

1. Statement letter of conformance to and complying with **FBC 7<sup>th</sup> Edition (2020)**, dated January 18, 2021, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.  
*(Submitted under NOA No. 21-0122.09)*
2. Proposal No. **12-0759** issued by Product Control Section, dated 06/05/12, signed by Ishaq Chanda, P.E.  
*(Submitted under NOA No. 12-0627.08)*

**G. OTHERS**

1. Notice of Acceptance No. **17-1017.18**, issued to Trulite Glass & Aluminum Solution, LLC for their "NS 200 Series" Outswing Aluminum Entrance Door w/wo Transom – N.I., approved on 03/08/18 and expiring on 07/25/23.

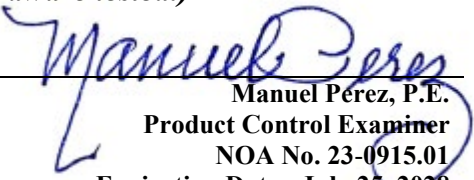
**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **MD23-100**, titled "NS200 Series Narrow Stile Alum Outswing Doors – HVHZ Non-Impact", sheets 1 through 13 of 13, dated 07/19/23, with revision **#4** dated 07/19/23, prepared by manufacturer, signed and sealed by Ernesto Nicolas, 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) Small Missile Impact Test per FBC, TAS 201-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
7) Forced Entry Test, per AAMA 1304, and TAS 202-94  
along with marked-up drawings and installation diagram of a series 351 outswing aluminum entrance door with 3000 and 3100 system frames, prepared by Intertek, Test Report No. **P5421.01-450-18 R0** dated 03/31/23, signed and sealed by Tanya A. Dolby, P.E; and by Fenestration Testing Laboratory, Inc. Test Reports No: **FTL-12025** dated 05/05/20, **FTL-10168** dated 10/25/18, **FTL-9867** dated 04/04/18 and **FTL-7458** dated 10/21/13, all signed and sealed by Idalmis Ortega, P.E.  
*(Submitted for reference, to qualify additional hardware tested.)*

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 23-0915.01  
Expiration Date: July 25, 2028  
Approval Date: November 30, 2023

**Trulite Glass & Aluminum Solutions, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED (CONTINUED)**

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC 8<sup>th</sup> Edition (2023), dated 07/19/23, prepared by manufacturer, signed and sealed by Ernesto Nicolas, P.E.
2. Glazing complies with **ASTM E1300-16**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

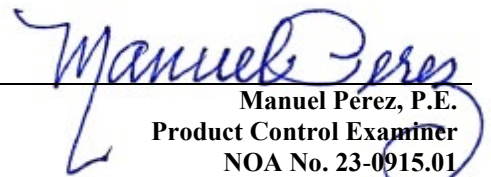
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 8<sup>th</sup> Edition (2023)** dated July 19, 2023, issued by manufacturer, signed and sealed by Ernesto Nicolas, P.E.
2. Statement letter of no financial interest dated July 19, 2023, issued by manufacturer, signed and sealed by Ernesto Nicolas, P.E.
3. Notification of successor engineer for manufacturer's NOA documents, notifying our office that he is assuming full professional and legal responsibility by submitting new calculations and new set of revised, signed and sealed drawings pertaining to this NOA, dated November 20, 2023, signed and sealed by Ernesto Nicolas, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **21-0122.09**, issued to Trulite Glass & Aluminum Solution, LLC for their "NS 200 Series" Outswing Aluminum Entrance Door w/wo Transom – N.I., approved on 03/18/21 and expiring on 07/25/23.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 23-0915.01  
Expiration Date: July 25, 2028  
Approval Date: November 30, 2023

# TRULITE GLASS & ALUMINUM SOLUTIONS

## NS200 SERIES NARROW STILE

### OUTSWING DOORS (HVHZ NON-IMPACT)

#### GENERAL NOTES:

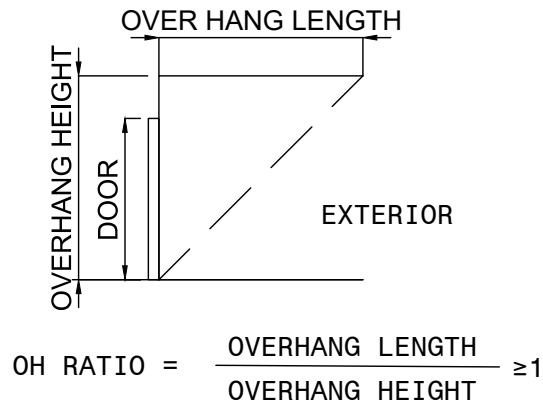
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. DOORS ARE NON-IMPACT. INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH THE HVHZ REQUIREMENTS.
3. CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.
4. WOOD BUCKS BY OTHERS. MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE MAIN STRUCTURE.
5. ANCHORS SHALL BE AS LISTED. SPACED AS SHOWN ON THE DETAILS. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS REQUIRED. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR INSTALLATION THROUGH METAL FRAME, PROVIDE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS REFERENCED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT IN FACE SHELL OF BLOCK.
6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE & ADAPTED STANDARDS.
7. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
8. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

9. ULTIMATE LOAD OBTAINED FROM ASCE7-22. MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
10. GASKETS USED IN THIS FENESTRATION PRODUCT ARE IN COMPLIANCE WITH ASTM STANDARD C864.



#### NOTE:

DOOR ASSEMBLIES SHOULD BE INSTALLED WHERE IT WILL BE PROTECTED BY AN OVERHANG FROM WATER INFILTRATION. OVERHANG MUST MEET THE OVERHANG RATIO OF 1 OR MORE (REFER TO ILLUSTRATION BELOW) OR IN NONHABITABLE AREAS WHERE WATER INFILTRATION IS ACCEPTABLE.



#### LIMITATION OF USE

- A. THIS NOTICE OF ACCEPTANCE (NOA) DOCUMENT IS GENERIC AND DOES NOT PROVIDE INFORMATION OF A SITE SPECIFIC PROJECT OR WHERE THE SITE CONDITIONS DEVIATE FROM THE NOA DOCUMENT.
- B. FOR CONDITIONS THAT DEVIATE FROM THE NOA DOCUMENTS, THIS SHALL BE REVIEWED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD FOR THE PROJECT.



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403 West Park Court, Suite 201  
Peachtree City, GA 30269  
p. 800-432-8132

PRODUCT:

**NS200 Series  
Narrow Stile  
Alum Outswing  
Doors**  
*HVHZ NON-IMPACT*

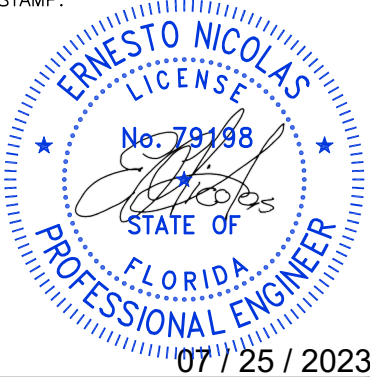
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|---------|--------------------------|
| REV. 4  | 07/19/23 2023 FBC UPDATE |
|         |                          |
|         |                          |

ENGINEER:

**Ernesto Nicolas, PE**

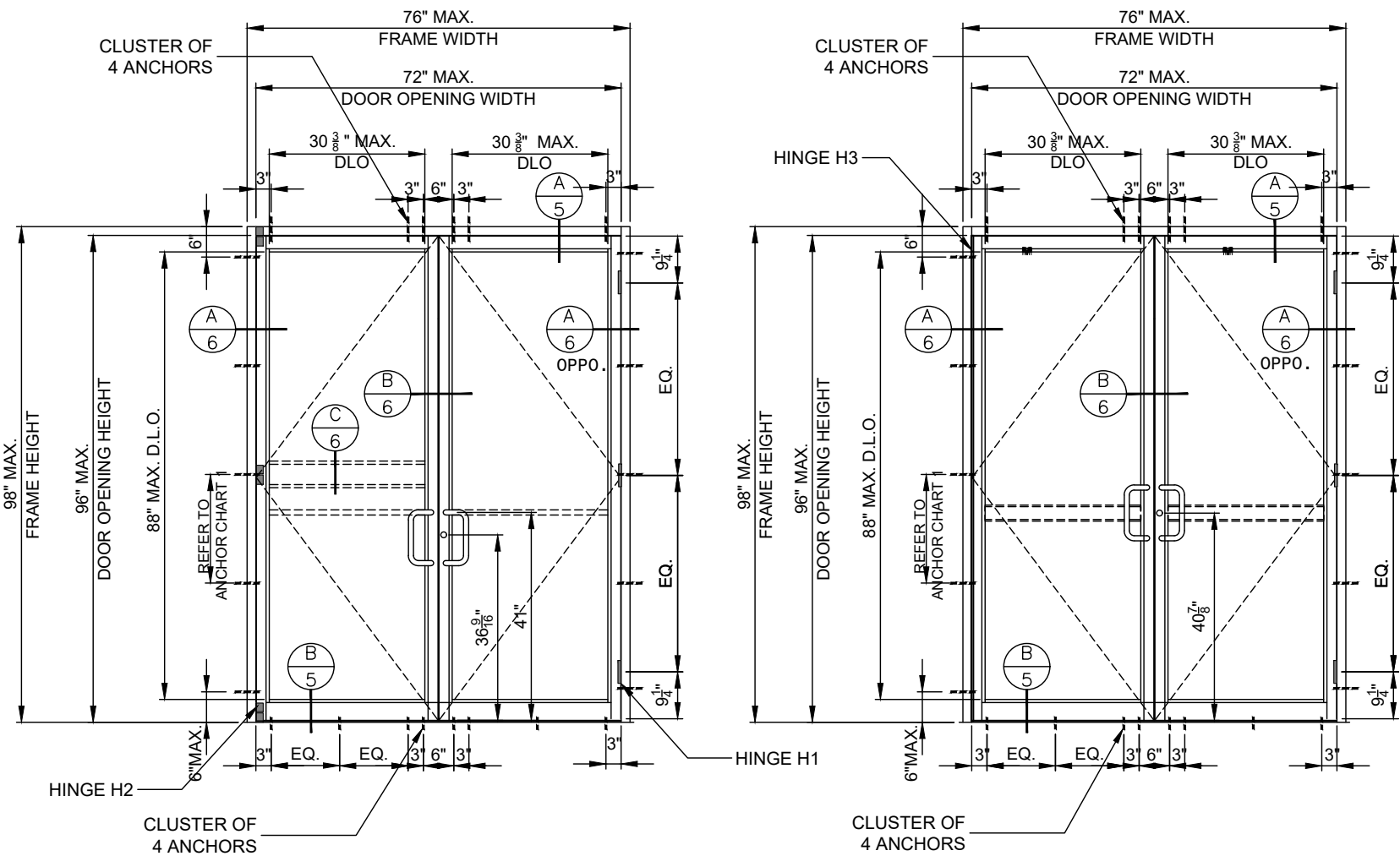
Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:



PRODUCT CONTROL APPROVAL:  
**PRODUCT REVISED**  
**As complying with the Florida Building Code**  
**NOA-No. 23-0915.01**  
**Expiration Date: 07/25/2028**  
**By: Manuel Torres**  
**Miami-Dade Product Control**

|                |                |
|----------------|----------------|
| DRAWN: ML      | DRAWING No:    |
| DATE: 07/19/23 | <b>1 OF 13</b> |
| DWG: MD23-100  |                |



ELEVATION A (STANDARD PUSH/PULL)

- SINGLE POINT LOCK WITH FLUSH BOLTS (72" x 84" MAX. OPENING SIZE)
- STANDARD 5 POINT LOCK

ELEVATION B (CVR EXIT DEVICE)

## TYP. EXT. (OUTSWING) DOUBLE DOOR ELEVATIONS

| ANCHOR CHART 1      |               |
|---------------------|---------------|
| MAX. ANCHOR SPACING | MAX. DP (psf) |
| 36" O.C.            | + - 40        |
| 24" O.C.            | + - 60        |

## HINGE OPTIONS:

H1:  
4 1/2"x4" BUTT HINGES (26298) BY HAGER CO.  
OR IMPERIAL USA (GLOBAL DOOR) - 2pcs/leaf  
for up to 84" door opening height and 3pcs/leaf for  
door opening height greater than 84"

H2:  
OFFSET PIVOT HINGE - Top & Bot. of Door  
(21274/21273), Top of Frame (21275), Bot. of  
Frame (24642), Interm. (24566)

H3:  
CONTINUOUS GEARED HINGE (60095) BY  
HAGER CO.

## LOCK OPTIONS

OPTION 1:  
MANUAL FLUSH BOLTS (24669) AT INACTIVE PANEL. MS LOCK  
(26093) AT ACTIVE PANEL AND AT SINGLE DOOR.

OPTION 2:  
AHT 8000 (2363X) CONCEALED VERTICAL ROD EXIT DEVICE  
TWO POINT LOCK SYSTEM

OPTION 3:  
DOOR-O-MATIC 1690 CONCEALED VERTICAL ROD EXIT  
DEVICE TWO POINT LOCK SYSTEM

OPTION 4:  
VON DUPRIN 9947 CONCEALED VERTICAL ROD EXIT DEVICE  
TWO POINT LOCK SYSTEM

OPTION 5:  
ADAMS RITE MS1880, MS1881 CONCEALED TWO POINT LOCK  
SYSTEM AT ACTIVE PANEL. ILCO HB185 EIGHT PLY HOOK  
LOCK WITH ADAMS RITE 4016 TOP ROD & 4015 BOTTOM ROD  
CONCEALED THREE POINT LOCK SYSTEM AT ACTIVE PANEL  
AND AT SINGLE DOOR.

OPTION 6:  
REGENT ML-207-TT-2PT CONCEALED TWO POINT LOCK  
SYSTEM AT ACTIVE PANEL. REGENT ML-207-012,  
CONCEALED THREE POINT LOCK SYSTEM WITH EIGHT PLY  
HOOK LOCK AT ACTIVE PANEL AND AT SINGLE DOOR.

OPTION 7:  
REGENT 5770 CONCEALED VERTICAL ROD EXIT DEVICE TWO  
POINT LOCK SYSTEM

| DOOR CAPACITY |                     |               |
|---------------|---------------------|---------------|
| ELEVATION     | LOCK OPTION         | MAX. DP (psf) |
| A, C          | 1                   | + - 40        |
| A, C          | 5, 6                | + - 60        |
| B, D          | 2, 3, 4, 7          | + - 60        |
| E             | 1, 2, 3, 4, 5, 6, 7 | + - 40        |
| F             | 1, 2, 3, 4, 5, 6, 7 | + - 40        |



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Narrow Stile  
Alum Outswing  
Doors**

*HVHZ NON-IMPACT*

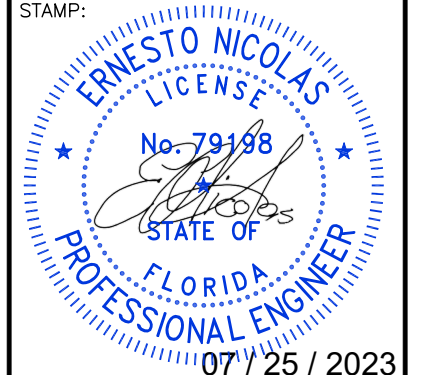
| REV. NO | DATE/REMARKS             |
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| REV. 4  | 07/19/23 2023 FBC UPDATE |

ENGINEER:

**Ernesto Nicolas, PE**

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STAMP:



PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**  
As complying with the Florida  
Building Code

NOA-No. **23-0915.01**

Expiration Date: **07/25/2028**

By: *Manuel Perez*  
**Miami-Dade Product Control**

|                |                |
|----------------|----------------|
| DRAWN: ML      | DRAWING No:    |
| DATE: 07/19/23 | <b>2 OF 13</b> |
| DWG: MD23-100  |                |



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## NS200 Series Narrow Stile Alum Outswing Doors

Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:

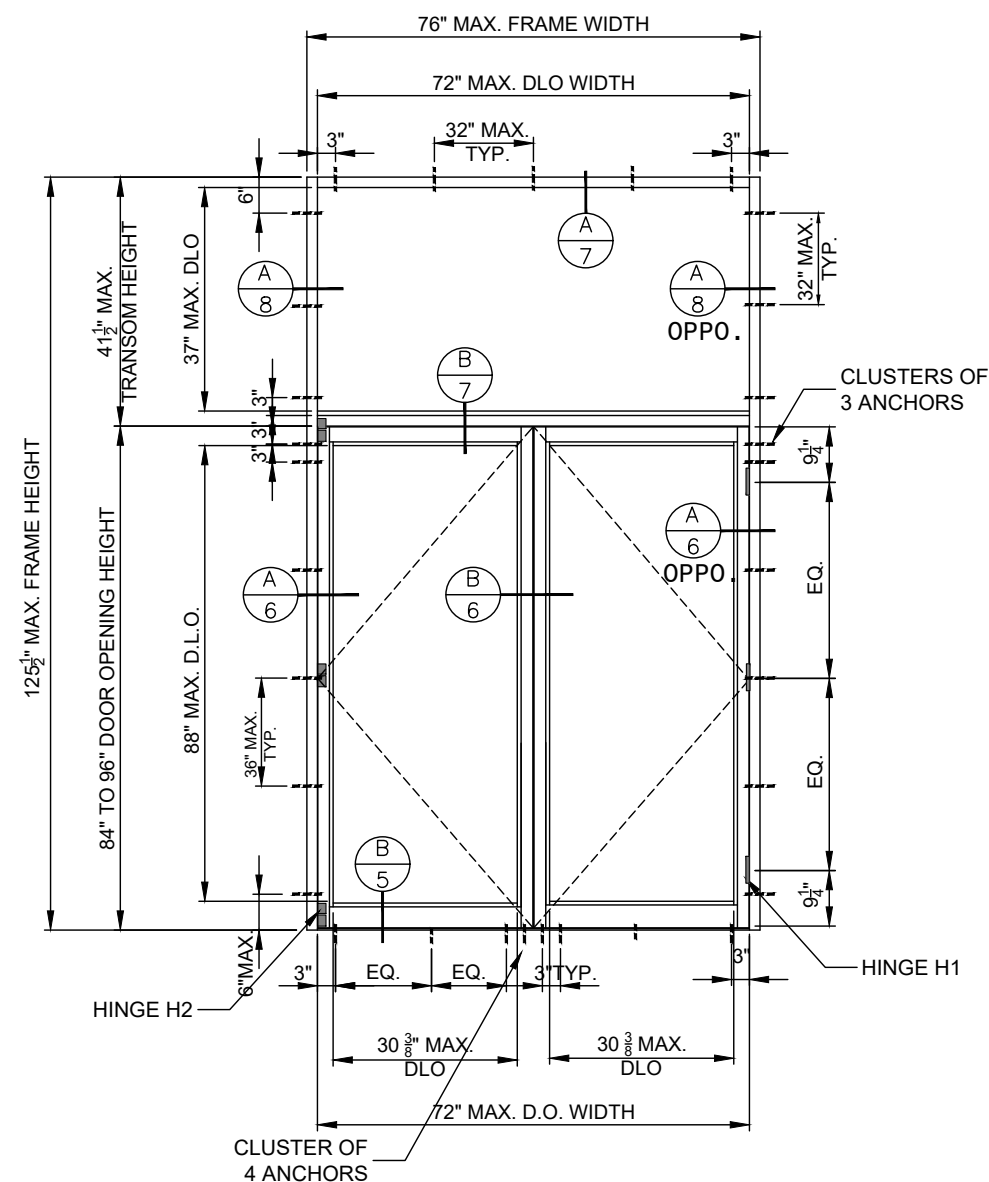


ERNESTO NICOLAS  
LICENSE  
No. 79198  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

07 / 25 / 2022

|                |                               |
|----------------|-------------------------------|
| DRAWN: ML      | DRAWING No:<br><b>3 OF 13</b> |
| DATE: 07/19/23 |                               |
| DWG: MD23-100  |                               |

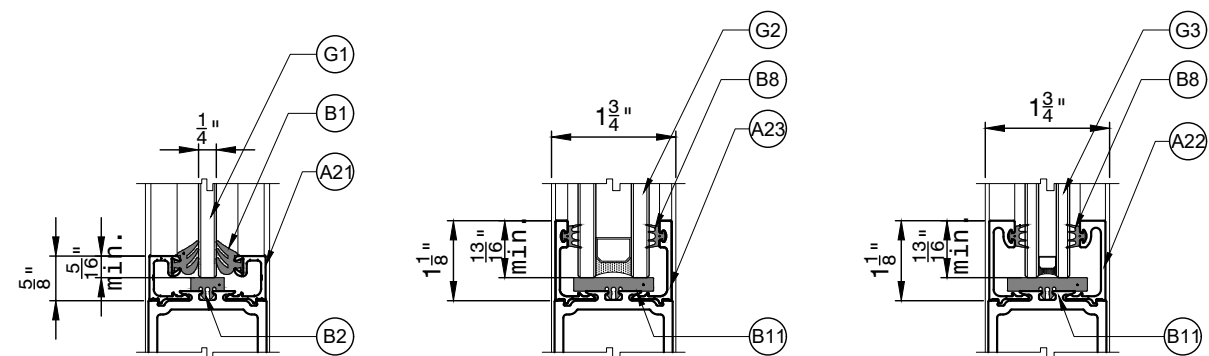




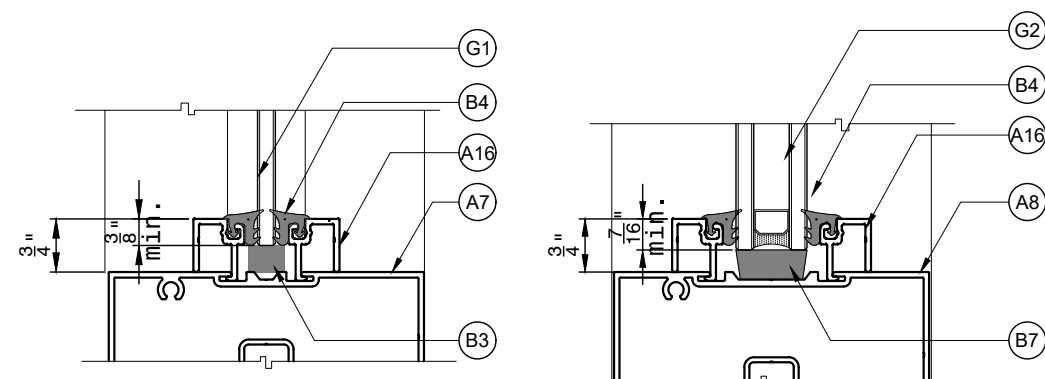
ELEVATION F

NOTE: 72" x 84" MAX. OPENING SIZE FOR SINGLE POINT  
LOCK WITH FLUSH BOLTS

TYP. EXT. (OUTSWING) DOUBLE DOOR  
WITH TRANSOM ELEVATION



DOOR PANEL GLAZING OPTIONS



TRANSOM GLAZING OPTIONS

## GLAZING DETAILS

G1 - 1/4" TEMP. GLASS

G2 - 1" INSULATED GLASS COMPOSED OF:

- 1/4" TEMP. GLASS
- 1/2" MAX. AIR SPACE
- 1/4" TEMP. GLASS

G3 - 5/8" INSULATED GLASS COMPOSED OF:

- 3/16" TEMP. GLASS
- 1/4" MAX. AIR SPACE
- 3/16" TEMP. GLASS

## GLASS TYPES

PRODUCT:

**NS200 Series  
Narrow Stile  
Alum Outswing  
Doors**

*HVHZ NON-IMPACT*

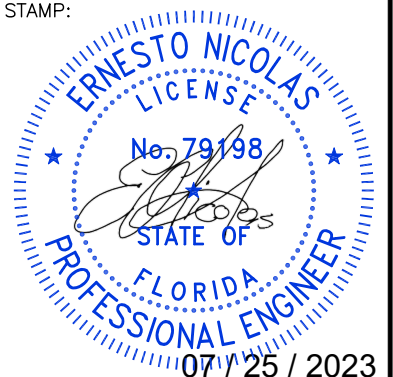
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ENGINEER:

**Ernesto Nicolas, PE**

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Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:



PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**

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NOA-No. **23-0915.01**

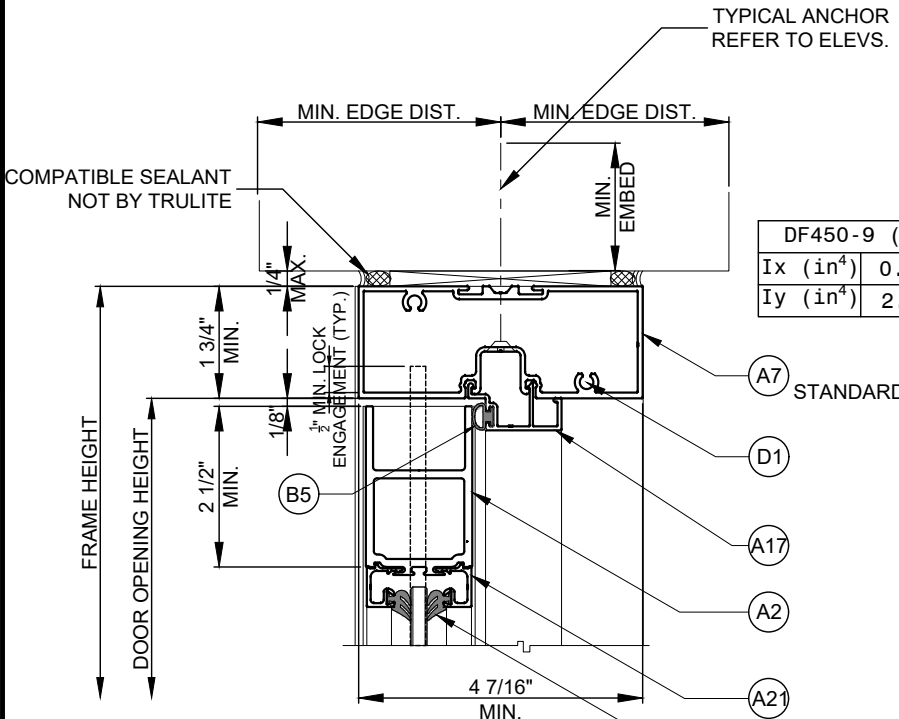
Expiration Date: **07/25/2028**

By: *Manuel Perez*

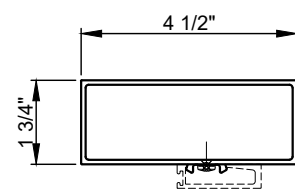
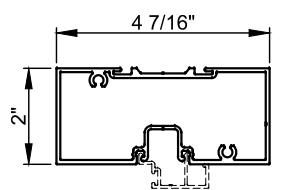
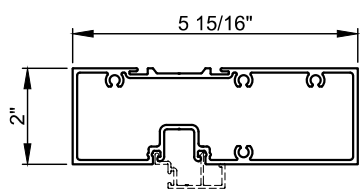
Miami-Dade Product Control

DRAWN: ML  
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DWG: MD23-100

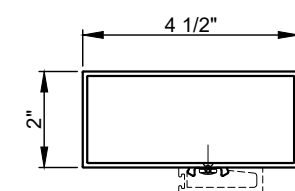
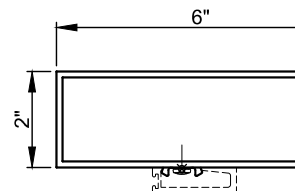
DRAWING No:  
**4 OF 13**



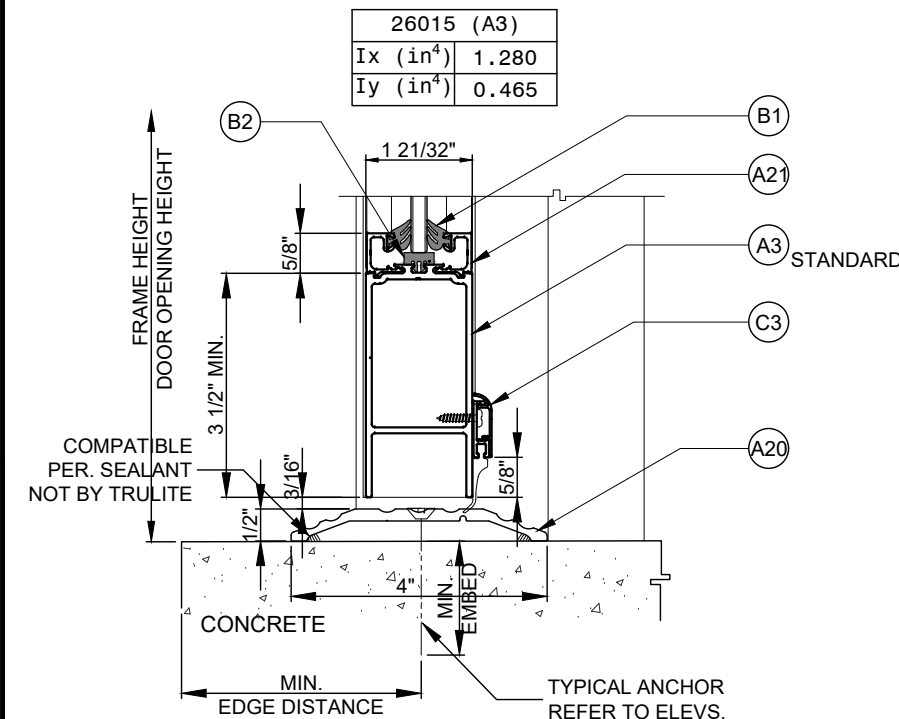
A HEAD DETAIL

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 10220 (A25)                                                                         | DF451-9 (A8)                                                                        | DF601-9 (A26)                                                                       |
| Ix (in <sup>4</sup> ) 0.6421                                                        | Ix (in <sup>4</sup> ) 0.869                                                         | Ix (in <sup>4</sup> ) 1.272                                                         |
| Iy (in <sup>4</sup> ) 2.867                                                         | Iy (in <sup>4</sup> ) 2.861                                                         | Iy (in <sup>4</sup> ) 7.052                                                         |

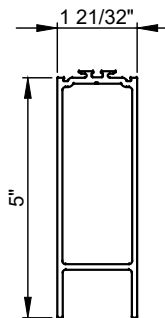
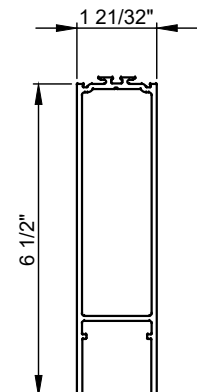
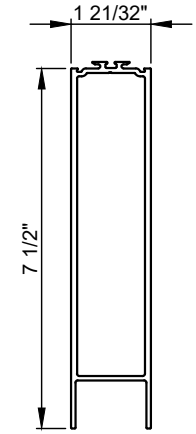
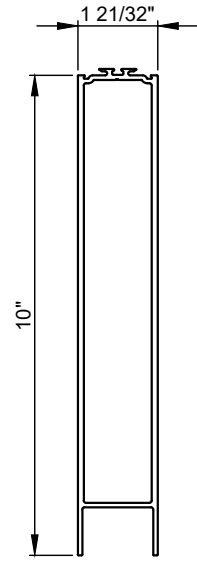
  

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| 10184 (A27)                                                                         | 10190 (A28)                                                                         |
| Ix (in <sup>4</sup> ) 0.862                                                         | Ix (in <sup>4</sup> ) 1.432                                                         |
| Iy (in <sup>4</sup> ) 3.081                                                         | Iy (in <sup>4</sup> ) 8.275                                                         |

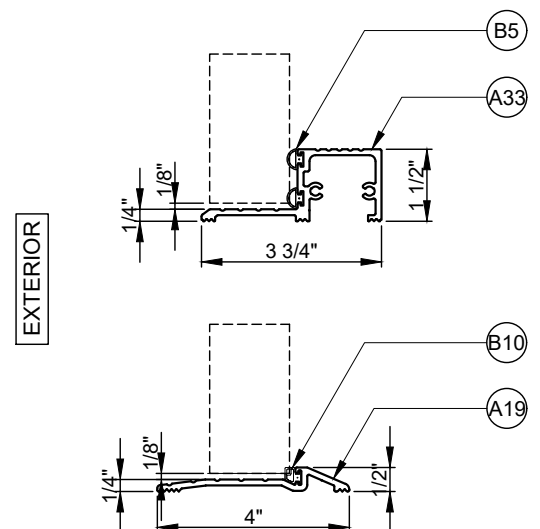
DOOR FRAME HEAD OPTIONS



B SILL DETAIL

|                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| 26364 (A29)                                                                          | 26316 (A30)                                                                           | 26599 (A31)                                                                           | 26600 (A32)                                                                           |
| Ix (in <sup>4</sup> ) 4.020                                                          | Ix (in <sup>4</sup> ) 7.626                                                           | Ix (in <sup>4</sup> ) 11.639                                                          | Ix (in <sup>4</sup> ) 30.743                                                          |
| Iy (in <sup>4</sup> ) 0.722                                                          | Iy (in <sup>4</sup> ) 0.917                                                           | Iy (in <sup>4</sup> ) 1.131                                                           | Iy (in <sup>4</sup> ) 1.691                                                           |

BOTTOM RAIL OPTIONS



THRESHOLD OPTIONS



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PRODUCT:

**NS200 Series**  
**Narrow Stile**  
**Alum Outswing**  
**Doors**  
*HVHZ NON-IMPACT*

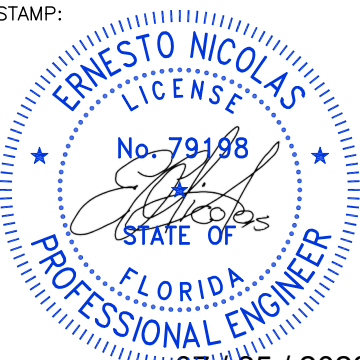
| REV. NO | DATE/REMARKS             |
|---------|--------------------------|
| REV. 4  | 07/19/23 2023 FBC UPDATE |

ENGINEER:

**Ernesto Nicolas, PE**

Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:



07/25/2023

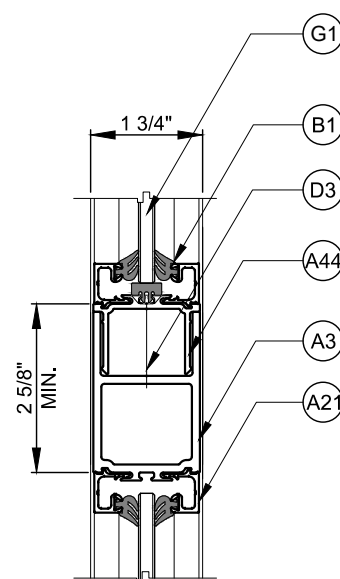
PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0915.01**  
Expiration Date: **07/25/2028**

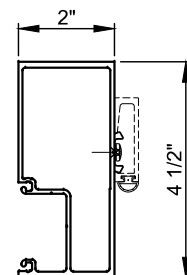
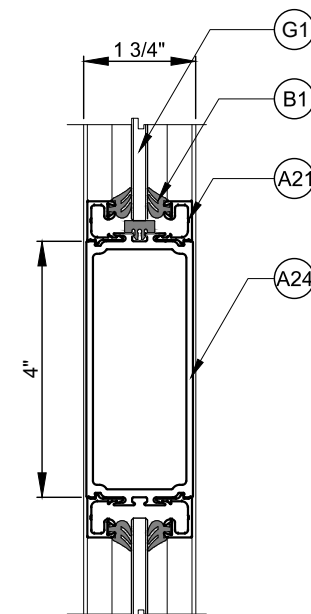
By: *Manuel Perez*  
**Miami-Dade Product Control**

|                          |       |
|--------------------------|-------|
| DF450-8 (A11)            |       |
| $I_x$ (in <sup>4</sup> ) | 2.564 |
| $I_y$ (in <sup>4</sup> ) | 0.288 |

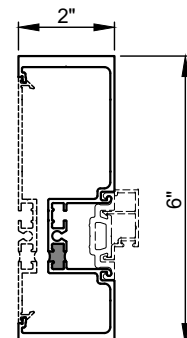
③ MID-RAIL DETAIL



## MID-RAIL OPTION

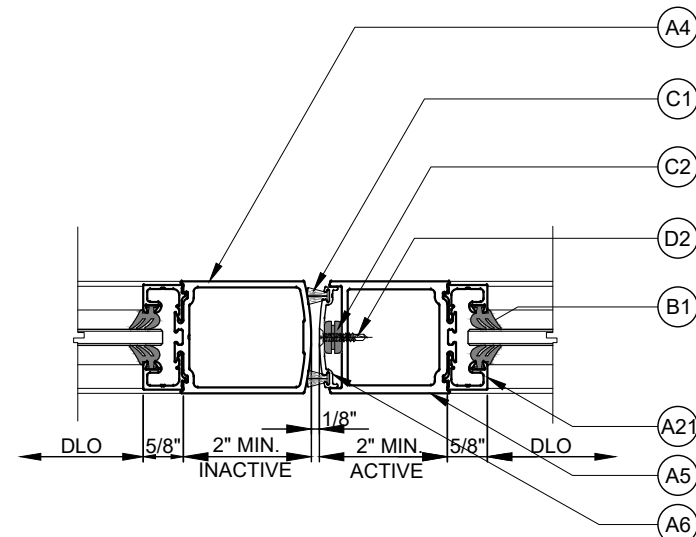


|                             |       |
|-----------------------------|-------|
| DF451-10 (A46)              |       |
| $I_x \text{ (in}^4\text{)}$ | 3.696 |
| $I_y \text{ (in}^4\text{)}$ | 1.568 |



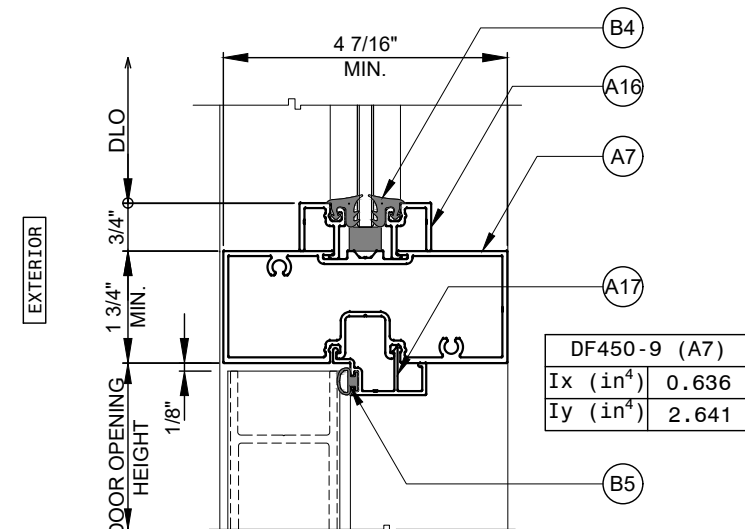
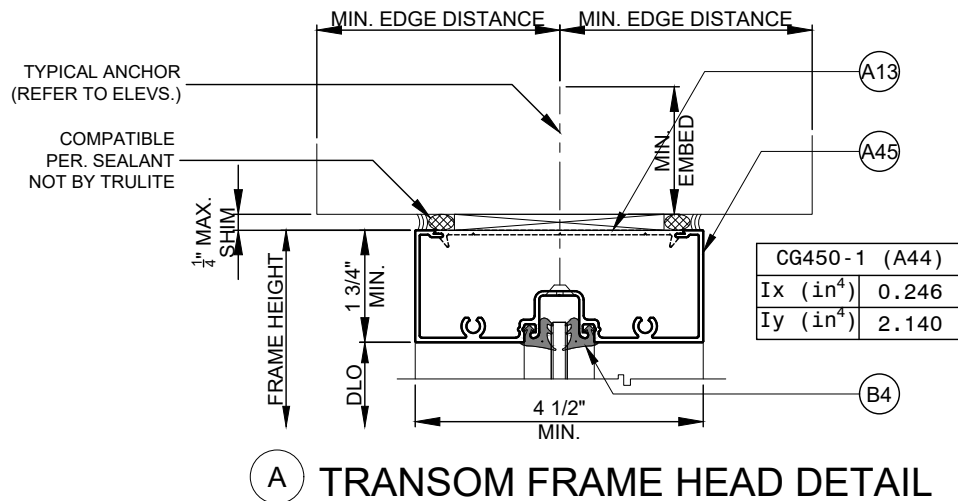
|                       |                    |
|-----------------------|--------------------|
| CT601-7 (A37)         |                    |
| Ix (in <sup>4</sup> ) | 9.559x0.85 = 8.125 |
| Iy (in <sup>4</sup> ) | 0.665x0.85= 0.565  |

## DOOR JAMB OPTIONS

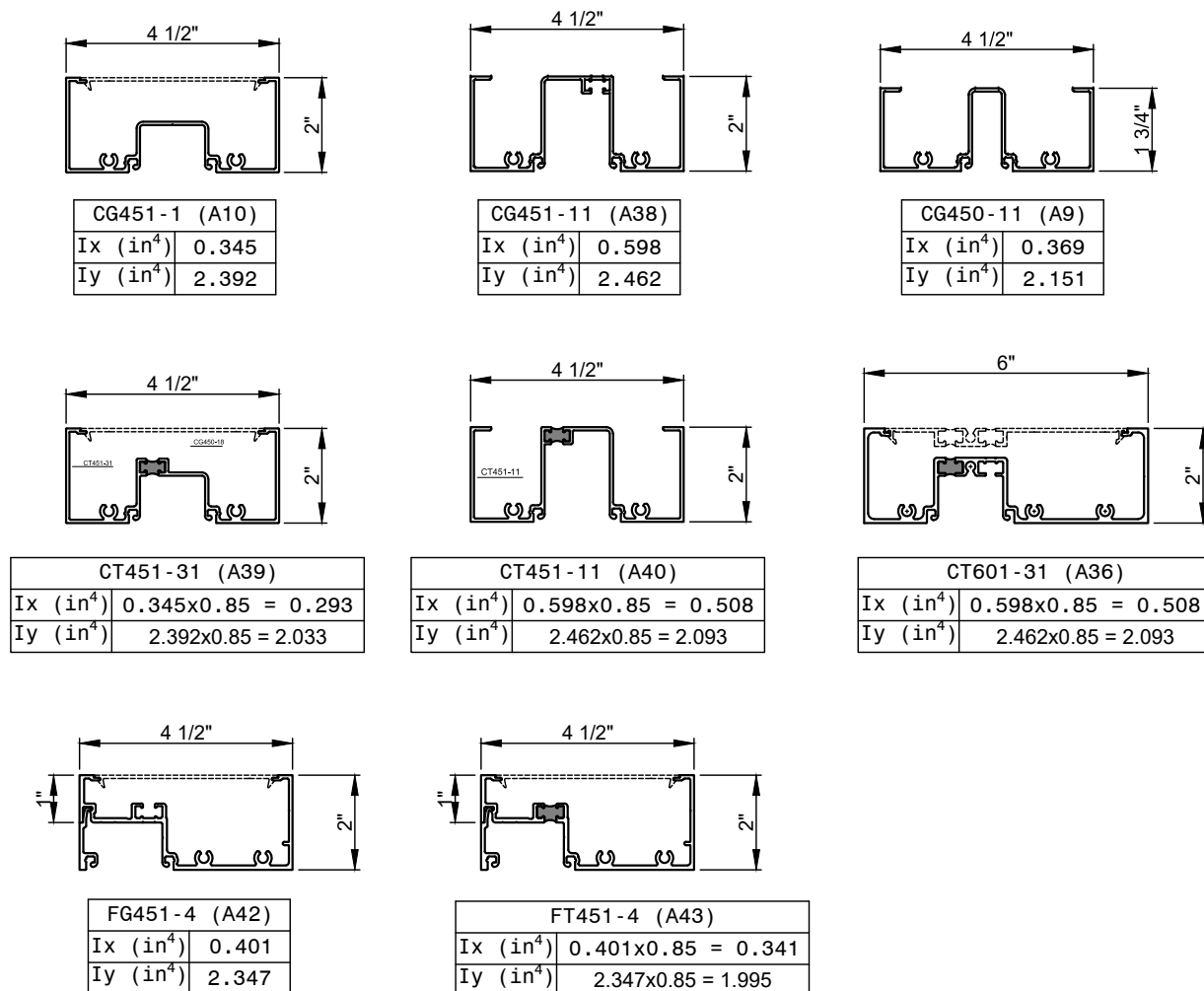


## B MEETING STYLE DETAIL

|                |                               |
|----------------|-------------------------------|
| DRAWN: ML      | DRAWING No:<br><b>6 OF 13</b> |
| DATE: 07/19/23 |                               |
| DWG: MD23-100  |                               |

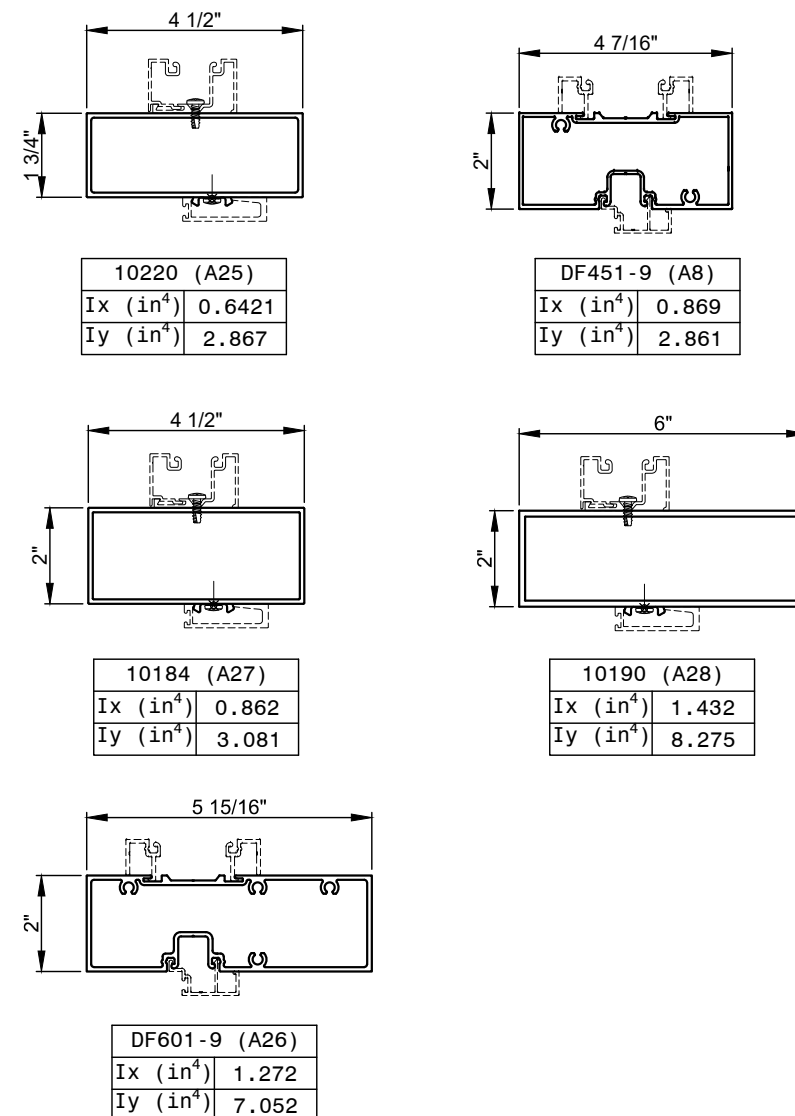


**B DOOR TRANSOM DETAIL**  
NOTE: TRANSOM GLASS SETTING BLOCKS AT L/8



NOTE: FOR CT451 & FT451 FRAME HEAD, REDUCE THE ANCHOR SPACING TO 20" O.C. MAX.

**TRANSOM FRAME HEAD OPTIONS**

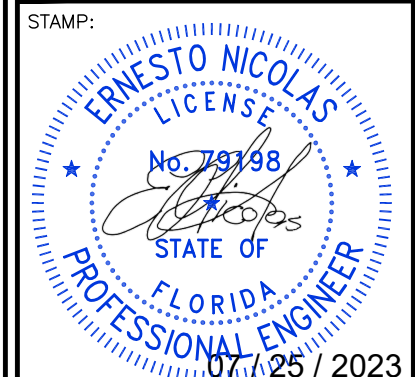


**DOOR TRANSOM FRAME OPTIONS**

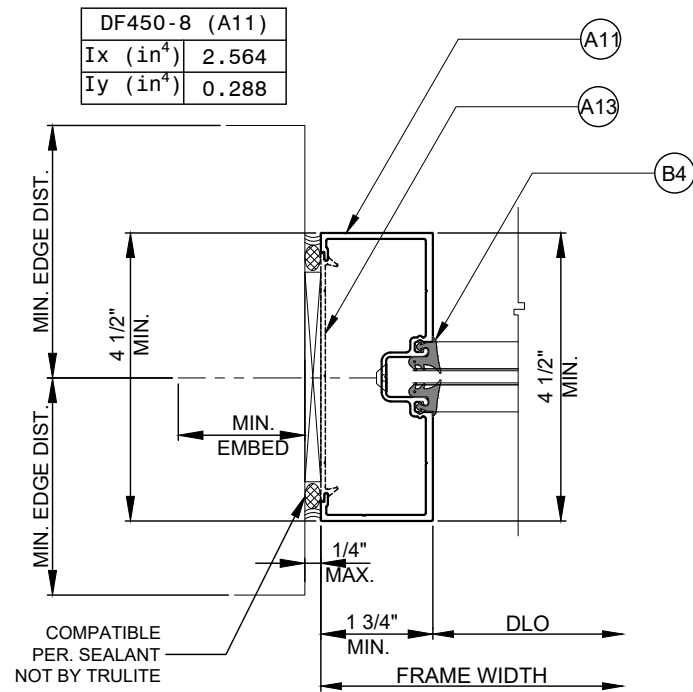
PRODUCT:  
**NS200 Series  
Narrow Stile  
Alum Outswing  
Doors**  
HVHZ NON-IMPACT

| REV. NO | DATE/REMARKS             |
|---------|--------------------------|
| REV. 4  | 07/19/23 2023 FBC UPDATE |

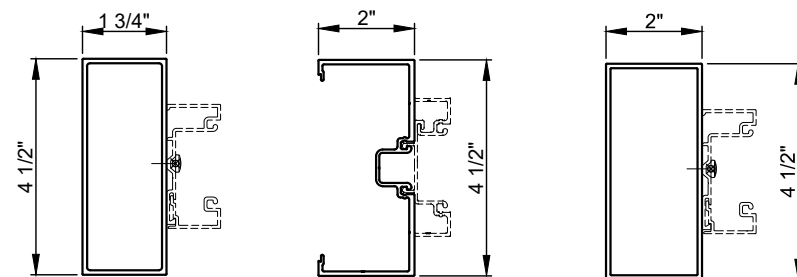
ENGINEER:  
  
**Ernesto Nicolas, PE**  
Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: enicolas@trulite.com



PRODUCT CONTROL APPROVAL:  
**PRODUCT REVISED**  
As complying with the Florida Building Code  
NOA-No. **23-0915.01**  
Expiration Date: **07/25/2028**  
By: *Manuel Perez*  
Miami-Dade Product Control



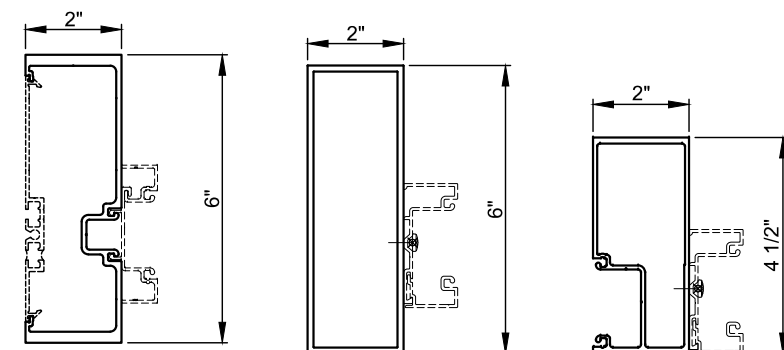
**A DOOR JAMB AT TRANSOM**



|                                         |
|-----------------------------------------|
| 10220 (A25)                             |
| I <sub>x</sub> (in <sup>4</sup> ) 2.867 |
| I <sub>y</sub> (in <sup>4</sup> ) 0.642 |

|                                         |
|-----------------------------------------|
| DF451-8 (A12)                           |
| I <sub>x</sub> (in <sup>4</sup> ) 2.792 |
| I <sub>y</sub> (in <sup>4</sup> ) 0.404 |

|                                         |
|-----------------------------------------|
| 10184 (A27)                             |
| I <sub>x</sub> (in <sup>4</sup> ) 3.081 |
| I <sub>y</sub> (in <sup>4</sup> ) 0.862 |

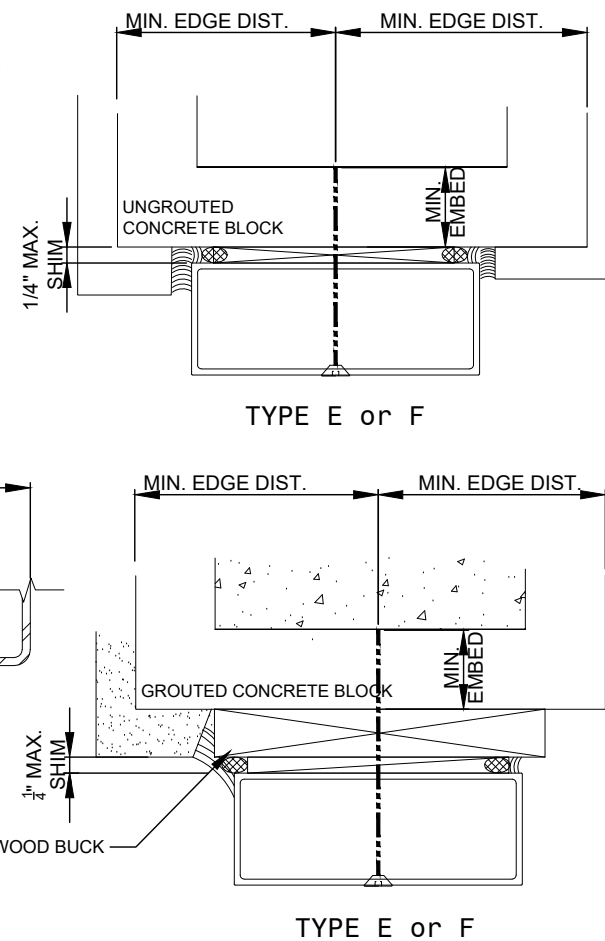
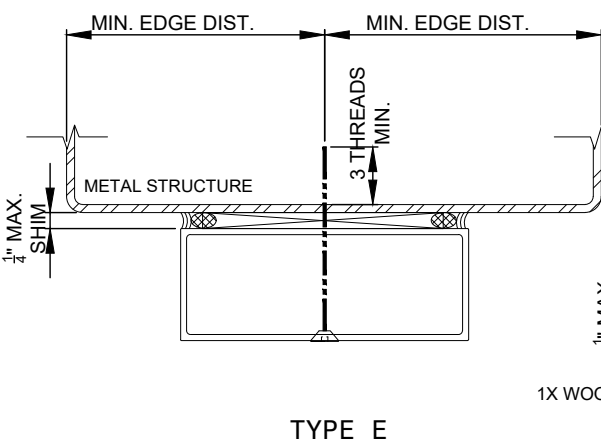
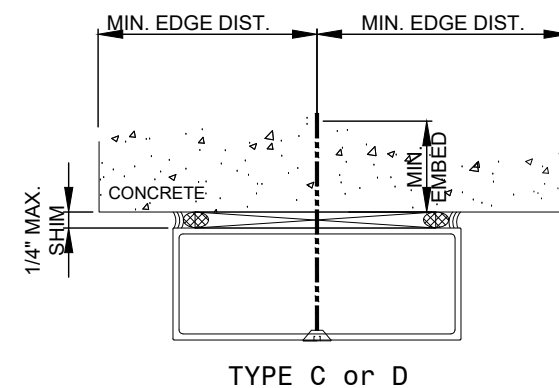
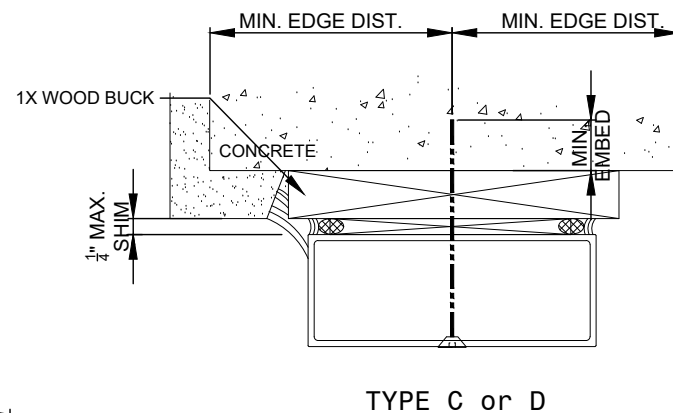
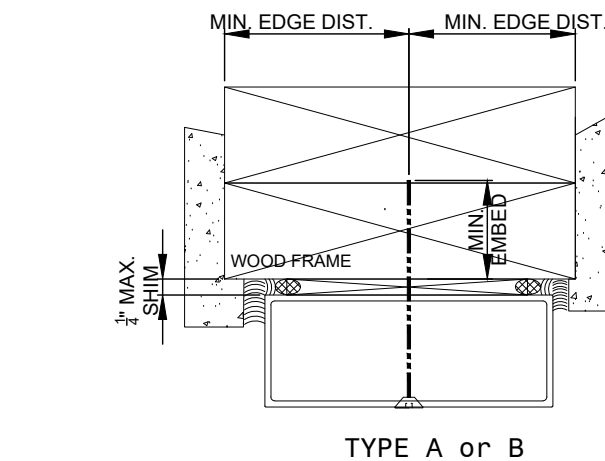


|                                         |
|-----------------------------------------|
| DF601-8 (A34)                           |
| I <sub>x</sub> (in <sup>4</sup> ) 9.803 |
| I <sub>y</sub> (in <sup>4</sup> ) 0.719 |

|                                         |
|-----------------------------------------|
| 10190 (A28)                             |
| I <sub>x</sub> (in <sup>4</sup> ) 8.275 |
| I <sub>y</sub> (in <sup>4</sup> ) 1.432 |

|                                         |
|-----------------------------------------|
| DF451-10 (A46)                          |
| I <sub>x</sub> (in <sup>4</sup> ) 3.696 |
| I <sub>y</sub> (in <sup>4</sup> ) 0.765 |

**DOOR JAMB AT TRANSOM OPTIONS**



## ANCHOR OPTIONS

|   | SUBSTRATE     | ANCHOR TYPE                                                                | MIN. EMBED (IN.)              | MIN. EDGE DIST. (IN.) |
|---|---------------|----------------------------------------------------------------------------|-------------------------------|-----------------------|
| A | WOOD          | 1/4" Ø - TAPCON (F <sub>y</sub> = 100ksi & F <sub>u</sub> = 125ksi min.)   | 1.50                          | 1.00                  |
| B |               | 1/4" Ø - ULTRACON (F <sub>y</sub> = 148ksi & F <sub>u</sub> = 164ksi min.) | 1.50                          | 1.00                  |
| C | CONCRETE      | 1/4" Ø - TAPCON (F <sub>y</sub> = 100ksi & F <sub>u</sub> = 125ksi min.)   | 1.75                          | 2.50                  |
| D |               | 1/4" Ø - ULTRACON (F <sub>y</sub> = 148ksi & F <sub>u</sub> = 164ksi min.) | 1.75                          | 2.50                  |
| E | CONC. MASONRY | 1/4" Ø - TAPCON (F <sub>y</sub> = 100ksi & F <sub>u</sub> = 125ksi min.)   | 1.25                          | 2.50                  |
| F |               | 1/4" Ø - ULTRACON (F <sub>y</sub> = 148ksi & F <sub>u</sub> = 164ksi min.) | 1.25                          | 2.50                  |
| G | METAL         | 1/4" Ø Gr. 5 Metal Screw                                                   | Min. 3 Threads pass substrate | 0.75                  |

### NOTE :

- MAXIMUM SHIM GAP = 1/4"
- MIN. SPECIFIC GRAVITY OF WOOD = 0.55
- MIN. CONCRETE COMPRESSIVE STRENGTH = 3000psi (NORMAL WEIGHT & UNCRACKED)
- MIN. COMPRESSIVE STRENGTH OF CONCRETE MASONRY = 2000PSI (MEDIUM WEIGHT & CONFORM TO ASTM C90)
- METAL SUBSTRATE SHALL BE STEEL (F<sub>y</sub>=36KSI MIN. & 18GA. THICK) OR ALUMINUM (6063-T5 MIN. & 1/16" THICK)



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PRODUCT:

## NS200 Series Narrow Stile Alum Outswing Doors HVHZ NON-IMPACT

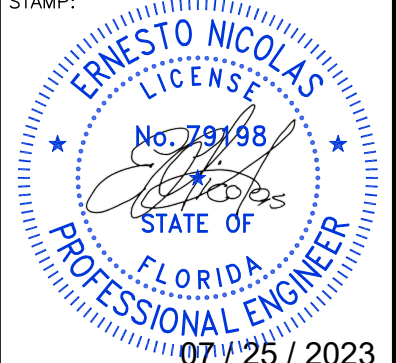
| REV. NO | DATE/REMARKS             |
|---------|--------------------------|
| REV. 4  | 07/19/23 2023 FBC UPDATE |

ENGINEER:

**Ernesto Nicolas, PE**

Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:



PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**  
As complying with the Florida  
Building Code

NOA-No. **23-0915.01**

Expiration Date: **07/25/2028**

By: *Manuel Fern*  
**Miami-Dade Product Control**

DRAWN: ML

DATE: 07/19/23

DWG: MD23-100

DRAWING No:

**8 OF 13**

| NS 200 DOOR BILL OF MATERIALS |          |                                                            |               |              |
|-------------------------------|----------|------------------------------------------------------------|---------------|--------------|
| ITEM NO.                      | PART NO. | DESCRIPTION                                                | MATERIAL      | MANUFACTURER |
| A 1                           | 26007    | BEVELED HINGE STILE                                        | ALUM. 6063-T6 | TRULITE      |
| A 2                           | 26014    | TOP RAIL                                                   | ALUM. 6063-T6 | TRULITE      |
| A 3                           | 26015    | BOTTOM RAIL                                                | ALUM. 6063-T6 | TRULITE      |
| A 4                           | 26009    | INACTIVE MEETING STILE                                     | ALUM. 6063-T6 | TRULITE      |
| A 5                           | 26376    | ACTIVE MEETING STILE                                       | ALUM. 6063-T6 | TRULITE      |
| A 6                           | 26375    | ADJUSTABLE ASTRAGAL                                        | ALUM. 6063-T6 | TRULITE      |
| A 7                           | DF450-9  | 1 <sup>3</sup> / <sub>4</sub> " TRANSOM BAR / DOOR HEADER  | ALUM. 6063-T6 | TRULITE      |
| A 8                           | DF451-9  | 2" TRANSOM BAR / DOOR HEADER                               | ALUM. 6063-T6 | TRULITE      |
| A 9                           | CG450-11 | 1 <sup>3</sup> / <sub>4</sub> " TRANSOM HEAD (DEEP POCKET) | ALUM. 6063-T6 | TRULITE      |
| A 10                          | CG451-1  | 2" TRANSOM HEAD                                            | ALUM. 6063-T6 | TRULITE      |
| A 11                          | DF450-8  | 1 <sup>3</sup> / <sub>4</sub> " HINGE JAMB                 | ALUM. 6063-T6 | TRULITE      |
| A 12                          | DF451-8  | 2" HINGE JAMB                                              | ALUM. 6063-T6 | TRULITE      |
| A 13                          | CG450-18 | FLAT FILLER - 4" MIN. @ ANCHOR                             | ALUM. 6063-T6 | TRULITE      |
| A 14                          | DF118    | 1" TRANSOM SASH                                            | ALUM. 6063-T6 | TRULITE      |
| A 15                          | DF119    | TRANSOM GLASS STOP                                         | ALUM. 6063-T6 | TRULITE      |
| A 16                          | DF120    | TRANSOM BAR ADAPTOR                                        | ALUM. 6063-T6 | TRULITE      |
| A 17                          | 4510     | DOOR STOP                                                  | ALUM. 6063-T6 | TRULITE      |
| A 18                          | 4518     | DOOR STOP (FOR CONT. HINGE)                                | ALUM. 6063-T6 | TRULITE      |
| A 19                          | 1042     | 4" BUMPER THRESHOLD                                        | ALUM. 6063-T6 | TRULITE      |
| A 20                          | 40290    | 4" SADDLE THRESHOLD                                        | ALUM. 6063-T6 | TRULITE      |
| A 21                          | 26030    | GLASS ADAPTOR ( <sup>1</sup> / <sub>4</sub> " GLASS)       | ALUM. 6063-T6 | TRULITE      |
| A 22                          | 31149    | GLASS ADAPTOR ( <sup>5</sup> / <sub>8</sub> " IG GLASS)    | ALUM. 6063-T6 | TRULITE      |
| A 23                          | 40349    | GLASS ADAPTOR (1" IG GLASS)                                | ALUM. 6063-T6 | TRULITE      |
| A 24                          | 26475    | MID-RAIL                                                   | ALUM. 6063-T6 | TRULITE      |
| A 25                          | 10220    | DOOR HEAD / JAMB OPTION                                    | ALUM. 6063-T6 | TRULITE      |
| A 26                          | DF601-9  | DOOR HEAD OPTION                                           | ALUM. 6063-T6 | TRULITE      |
| A 27                          | 10184    | DOOR HEAD / JAMB OPTION                                    | ALUM. 6063-T6 | TRULITE      |
| A 28                          | 10190    | DOOR HEAD / JAMB OPTION                                    | ALUM. 6063-T6 | TRULITE      |
| A 29                          | 26364    | 5" BOTTOM RAIL OPTION                                      | ALUM. 6063-T6 | TRULITE      |
| A 30                          | 26316    | 6 <sup>1</sup> / <sub>2</sub> " BOTTOM RAIL OPTION         | ALUM. 6063-T6 | TRULITE      |
| A 31                          | 26599    | 7 <sup>1</sup> / <sub>2</sub> " BOTTOM RAIL OPTION         | ALUM. 6063-T6 | TRULITE      |
| A 32                          | 26600    | 10" BOTTOM RAIL OPTION                                     | ALUM. 6063-T6 | TRULITE      |
| A 33                          | 40296    | 1 <sup>1</sup> / <sub>2</sub> " DEEP BUMPER THRESHOLD      | ALUM. 6063-T6 | TRULITE      |
| A 34                          | DF601-8  | 6" DOOR JAMB                                               | ALUM. 6063-T6 | TRULITE      |
| A 35                          | CG601-8  | 6" FLAT FILLER - 4" MIN. AT ANCHOR                         | ALUM. 6063-T6 | TRULITE      |
| A 36                          | CT601-31 | 6" LIGHT MULLION / HEAD (THERMAL)                          | ALUM. 6063-T6 | TRULITE      |
| A 37                          | CT601-7  | 6" HEAVY MULLION (THERMAL)                                 | ALUM. 6063-T6 | TRULITE      |

| ITEM NO. | PART NO. | DESCRIPTION                                  | MATERIAL      | MANUFACTURER |
|----------|----------|----------------------------------------------|---------------|--------------|
| A 38     | CG451-11 | 2" TRANSOM HEAD                              | ALUM. 6063-T6 | TRULITE      |
| A 39     | CT451-31 | 2" TRANSOM HEAD (THERMAL)                    | ALUM. 6063-T6 | TRULITE      |
| A 40     | CT451-11 | 2" TRANSOM HEAD (THERMAL)                    | ALUM. 6063-T6 | TRULITE      |
|          |          |                                              |               |              |
| A 42     | FG451-4  | 2" TRANSOM HEAD - FRONT GLAZED               | ALUM. 6063-T6 | TRULITE      |
| A 43     | FT451-4  | 2" TRANSOM HEAD-FRONT GLAZED (THERMAL)       | ALUM. 6063-T6 | TRULITE      |
| A 44     | 26013    | MID-RAIL ADAPTOR                             | ALUM. 6063-T6 | TRULITE      |
| A 45     | CG450-1  | 1 <sup>3</sup> / <sub>4</sub> " TRANSOM HEAD | ALUM. 6063-T6 | TRULITE      |
| A 46     | DF451-10 | DOOR JAMB                                    | ALUM. 6063-T6 | TRULITE      |

|      |             |                                                                   |                   |                   |
|------|-------------|-------------------------------------------------------------------|-------------------|-------------------|
| B 1  | 05212       | GLAZING GASKET (DUR. 60 +-5, SHORE A)                             | EPDM              | TRULITE           |
| B 2  | SPACER      | SETTING BLOCK FOR <sup>1</sup> / <sub>4</sub> " GLASS             | PVC               | M & M PLASTIC     |
| B 3  | 22038       | TRANS. SET. BLK. (AT L/8) (DUR. 85 +-5, SHORE A)                  | EPDM              | TRULITE           |
| B 4  | RG-1        | GLAZING GASKET (DUR. 70 +-5, SHORE A)                             | EPDM              | TRULITE           |
| B 5  | RG-5        | DOOR GASKET (DUR. 60 +-5, SHORE A)                                | EPDM              | TRULITE           |
| B 6  | 58045       | SETTING BLOCK (DUR. 85 +-5, SHORE A)                              | EPDM              | TRULITE           |
| B 7  | RSB-19      | TRANS. SET. BLK. (AT L/8) (DUR. 70 +-5, SHORE A)                  | EPDM              | TRULITE           |
| B 8  | 05207       | GLAZING GASKET (DUR. 70 +-5, SHORE A)                             | EPDM              | TRULITE           |
| B 9  | 05333       | GLAZING GASKET (DUR. 70 +-5, SHORE A)                             | EPDM              | TRULITE           |
| B 10 | H74 / 24120 | THRESHOLD GASKET (DUR. 60 +-5, SHORE A)                           | EPDM              | TRULITE           |
| B 11 | SPACER1IN   | SETTING BLOCK FOR 1" IG GLASS                                     | PVC               | M & M PLASTIC     |
|      |             |                                                                   |                   |                   |
|      |             |                                                                   |                   |                   |
| C 1  | 24110       | PILE WATHERSTRP GASKET                                            | YARN              | AMESBURY GROUP    |
| C 2  | 23301       | RUBBER GROMMET                                                    | NITRILE           | RUBBERGROMMET.COM |
| C 3  | 25047       | DOOR BOTTOM SWEEP                                                 | VINYL / ALUM.     | HAGER             |
|      |             |                                                                   |                   |                   |
| D 1  | FAS14-2     | <sup>1</sup> / <sub>4</sub> "-14 X 1" HWH-F MS - ASSEMBLY SCREW   | ZINC COATED STEEL | ALLOY FASTENER    |
| D 2  | 23302       | #6 X <sup>3</sup> / <sub>4</sub> " UC-PFH TEK - SCREW AT ASTRAGAL | NITRILE           | RUBBERGROMMET.COM |
| D 3  | 23233       | 1/4-20 X 1 <sup>1</sup> / <sub>2</sub> " PFH @ 12" O.C. MAX.      | ZINC COATED STEEL | ALLOY FASTENER    |



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Narrow Stile

Alum Outswing

Doors

HVHZ NON-IMPACT

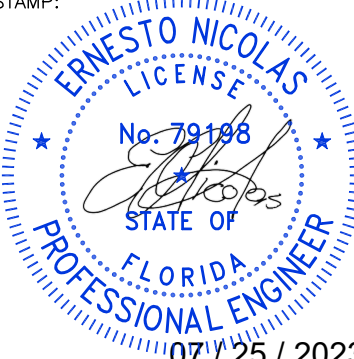
| REV. NO | DATE/REMARKS             |
|---------|--------------------------|
| REV. 4  | 07/19/23 2023 FBC UPDATE |
|         |                          |

ENGINEER:

Ernesto Nicolas, PE

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Peachtree City, GA 30269  
Email: enicolas@trulite.com

STAMP:



PRODUCT CONTROL APPROVAL:

PRODUCT REVISED

As complying with the Florida Building Code

NOA-No. 23-0915.01

Expiration Date: 07/25/2028

By: Manuel Perez

Miami-Dade Product Control

DRAWN: ML

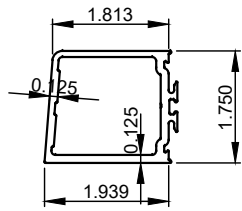
DATE: 07/19/23

DWG: MD23-100

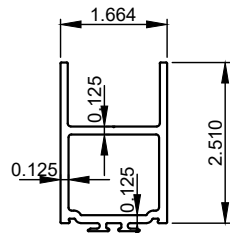
DRAWING No:

9 OF 13

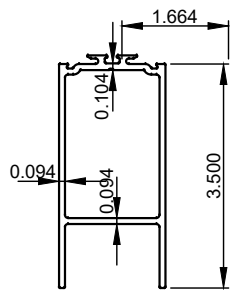
NS 200 PARTS LIST



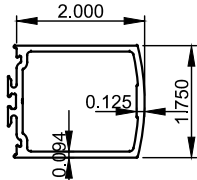
A1 BEVELED HINGE STILE  
26007 6063-T6



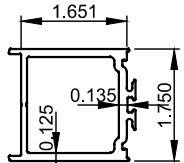
A2 TOP RAIL  
26014 6063-T6



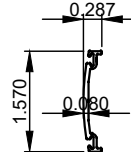
A3 TOP/BOTTOM RAIL  
26015 6063-T6



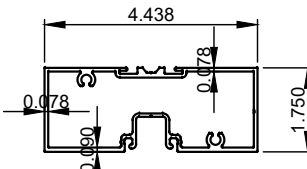
A4 INACTIVE STILE  
26009 6063-T6



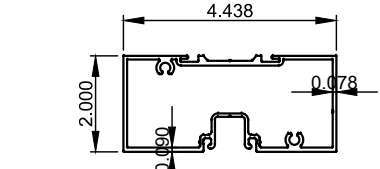
A5 ACTIVE MEETING STILE  
26376 6063-T6



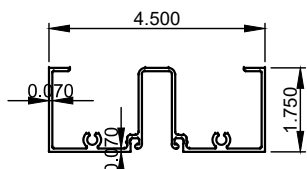
A6 ADJUST. ASTRAGAL PLATE  
26375



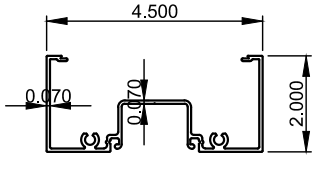
A7 1 3/4" TRANSOM BAR / HEADER  
DF450-9 6063-T6



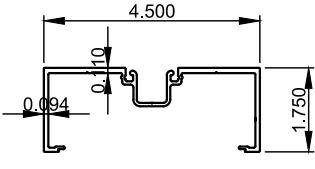
A8 2" TRANSOM BAR / HEADER  
DF451-9 6063-T6



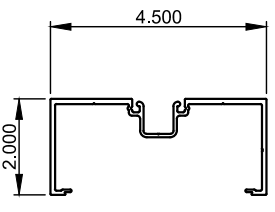
A9 1 3/4" TRANSOM HEAD  
CG450-11 6063-T6



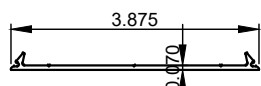
A10 2" TRANSOM HEAD  
CG451-1 6063-T6



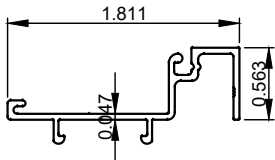
A11 1 3/4" HINGE JAMB  
DF450-8 6063-T6



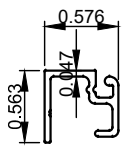
A12 2" HINGE JAMB  
DF451-8 6063-T6



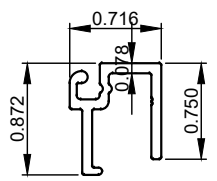
A13 FLAT FILLER  
CG450-18 6063-T6



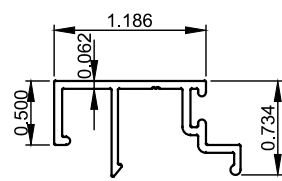
A14 TRANSOM BAR ADAPTOR  
DF118 6063-T6



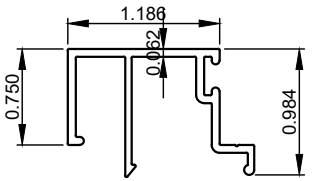
A15 TRANSOM ADAPTOR  
DF 119 6063-T6



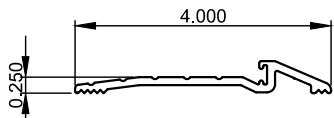
A16 TRANSOM BAR ADAPTOR  
DF120 6063-T6



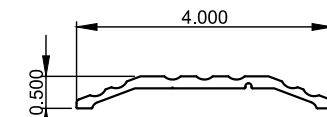
A17 DOOR STOP  
4510 6063-T6



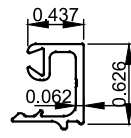
A18 DOOR STOP (FOR CONT. HINGE)  
4518 6063-T6



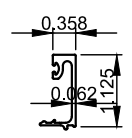
A19 BUMPER THRESHOLD  
1042 6063-T6



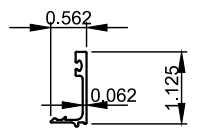
A20 BUMPER THRESHOLD  
40290 6063-T6



A21 GLASS ADAPTOR  
(FOR 1/4" GLASS)  
26030 6063-T6



A22 GLASS ADAPTOR  
(FOR 5/8" IG GLASS)  
31149 6063-T6



A23 GLASS ADAPTOR  
(FOR 1" IG GLASS)  
40349 6063-T6



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p. 800-432-8132

PRODUCT:

**NS200 Series  
Narrow Stile  
Alum Outswing  
Doors**  
*HVHZ NON-IMPACT*

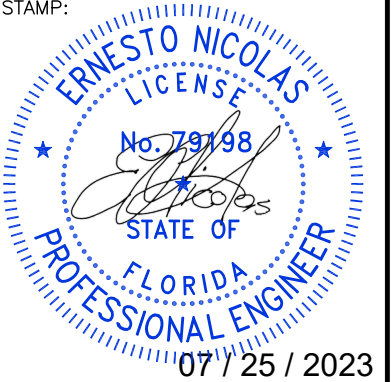
| REV. NO | DATE/REMARKS             |
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ENGINEER:

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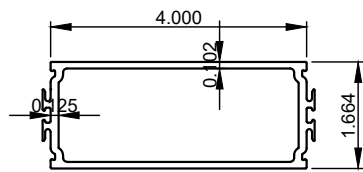
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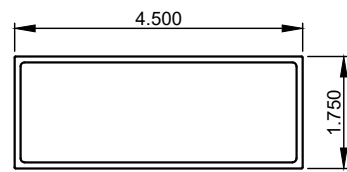
PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**  
**As complying with the Florida  
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**NOA-No. 23-0915.01**  
**Expiration Date: 07/25/2028**  
**By: Manuel Perez**  
**Miami-Dade Product Control**

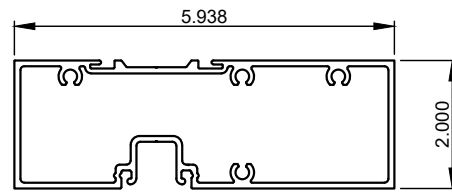
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| DRAWN: ML      | DRAWING No:     |
| DATE: 07/19/23 | <b>10 OF 13</b> |
| DWG: MD23-100  |                 |



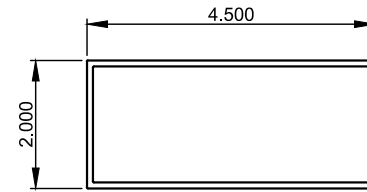
A24 MID-RAIL OPTION  
26475 6063-T6



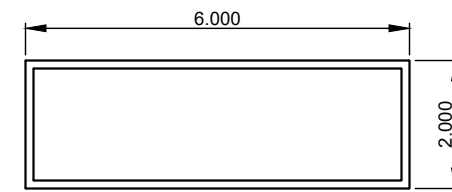
A25 DOOR HEAD/JAMB OPTION  
10220 6063-T6



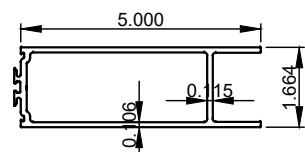
A26 DOOR HEAD/JAMB OPTION  
DF601-9 6063-T6



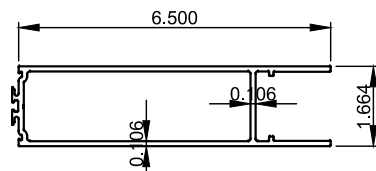
A27 DOOR HEAD/JAMB OPTION  
10184 6063-T6



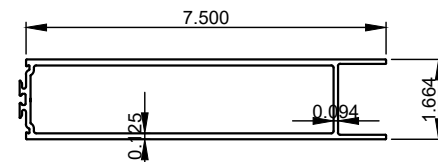
A28 DOOR HEAD/JAMB OPTION  
10190 6063-T6



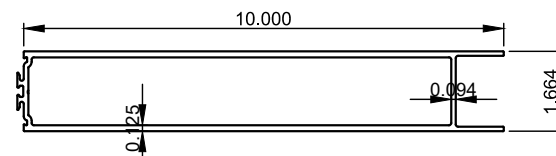
A29 BOTTOM RAIL OPTION  
26364 6063-T6



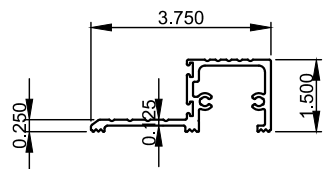
A30 BOTTOM RAIL OPTION  
26316 6063-T6



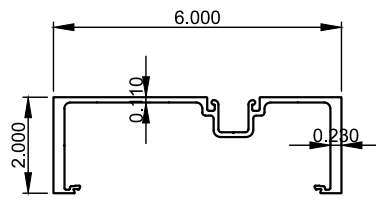
A31 BOTTOM RAIL OPTION  
26599 6063-T6



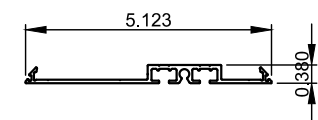
A32 BOTTOM RAIL OPTION  
26600 6063-T6



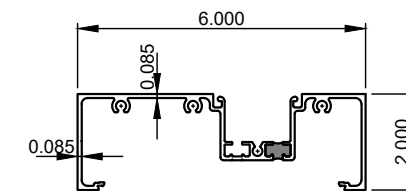
A33 1 1/2" BUMPER THRESHOLD  
40296 6063-T6



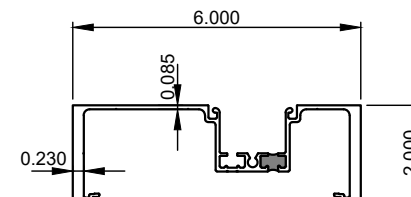
A34 6" DOOR JAMB  
DF601-8 6063-T6



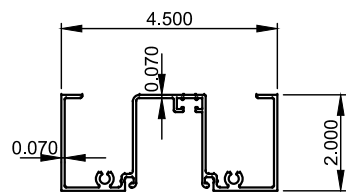
A35 6" FLAT FILLER  
CG601-18 6063-T6



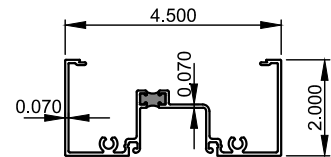
A36 6" DOOR JAMB OPTION  
CT601-31 6063-T6



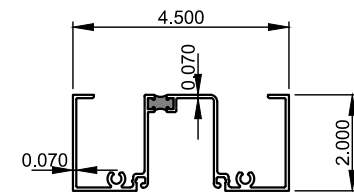
A37 6" DOOR JAMB OPTION  
CT601-7 6063-T6



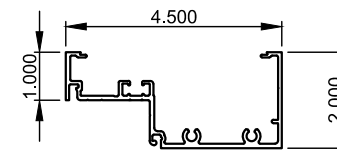
A38 2" TRANSOM HEAD OPTION  
CG451-11 6063-T6



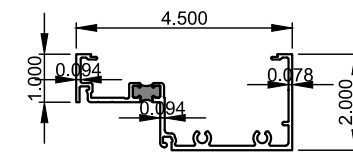
A39 2" TRANSOM HEAD OPTION  
CT451-31 6063-T6



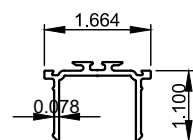
A40 2" TRANSOM HEAD OPTION  
CT451-11 6063-T6



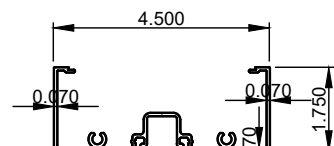
A42 2" TRANSOM HEAD OPTION  
FG451-4 6063-T6



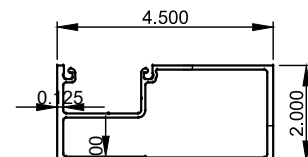
A43 2" TRANSOM HEAD OPTION  
FT451-4 6063-T6



A44 MID-RAIL ADAPTOR  
26013 6063-T6



A45 1 3/4" TRANSOM HEAD OPTION  
CG450-1 6063-T6



A46 1 3/4" TRANSOM HEAD OPTION  
DF451-10 6063-T6



GLASS & ALUMINUM SOLUTIONS™

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PRODUCT:

**NS200 Series**  
**Narrow Stile**  
**Alum Outswing**  
**Doors**  
*HVHZ NON-IMPACT*

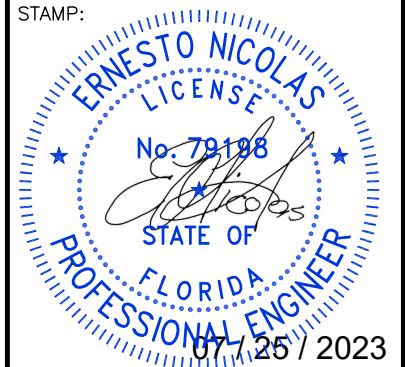
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ENGINEER:

**Ernesto Nicolas, PE**

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Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:



PRODUCT CONTROL APPROVAL:

**PRODUCT REVISED**  
As complying with the Florida  
Building Code

NOA-No. **23-0915.01**

Expiration Date: **07/25/2028**

By: *Manuel Perez*  
**Miami Dade Product Control**

|                |                 |
|----------------|-----------------|
| DRAWN: ML      | DRAWING No:     |
| DATE: 07/19/23 | <b>11 OF 13</b> |
| DWG: MD23-100  |                 |

PRODUCT:

**NS200 Series**  
**Narrow Stile**  
**Alum Outswing**  
**Doors**  
*HVHZ NON-IMPACT*

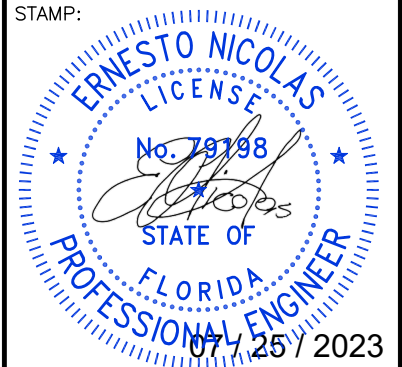
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ENGINEER:

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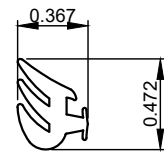
Trulite Glass & Aluminum Solutions  
403 West Park Court, Suite 201  
Peachtree City, GA 30269  
Email: [enicolas@trulite.com](mailto:enicolas@trulite.com)

STAMP:

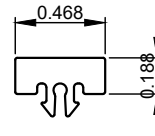


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**Building Code**  
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**Expiration Date: 07/25/2028**  
**By: Manuel Fern**  
**Miami-Dade Product Control**

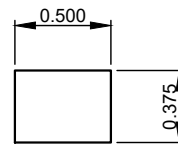
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| DRAWN: ML      | DRAWING No:     |
| DATE: 07/19/23 | <b>12 OF 13</b> |
| DWG: MD23-100  |                 |



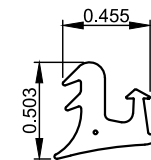
**B1** GLAZING GASKET  
(FOR 1/4" MONOLITHIC)  
05212 EPDM



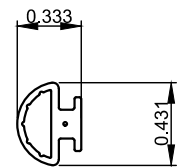
**B2** DOOR GLASS SPACER  
(FOR 1/4" MONOLITHIC)  
SPACER PVC



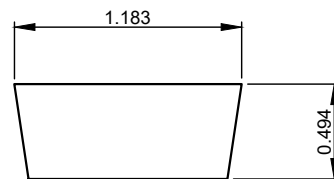
**B3** TRANSOM GLASS SETTING BLOCK  
(FOR 1/4" MONOLITHIC)  
22038 EPDM



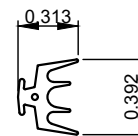
**B4** TRANSOM GLAZING GASKET  
RG-1 EPDM



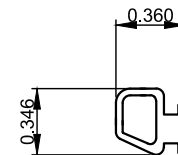
**B5** DOOR GASKET  
RG-5 EPDM



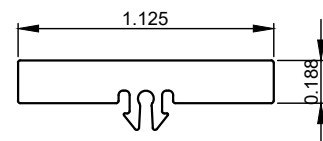
**B7** TRANSOM GLASS SETTING BLOCK  
RSB-19 EPDM



**B8** DOOR GLAZING GASKET  
05207 EPDM



**B10** THRESHOLD GASKET  
H74 EPDM



**B6** DOOR GLASS SPACER  
(FOR 1" MONOLITHIC)  
SPACER1IN PVC

PRODUCT:

**NS200 Series  
Narrow Stile  
Alum Outswing  
Doors**  
HVHZ NON-IMPACT

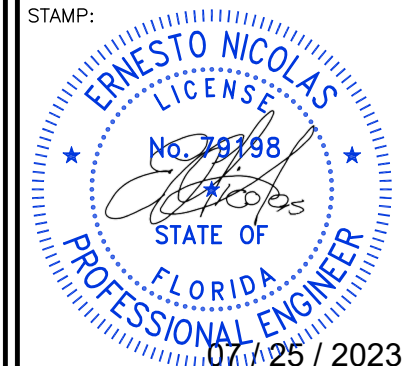
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ENGINEER:

**Ernesto Nicolas, PE**

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Email: enicolas@trulite.com

STAMP:



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Expiration Date: **07/25/2028**

By: *Manuel Perez*  
Miami-Dade Product Control

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|----------------|-----------------|
| DRAWN: ML      | DRAWING No:     |
| DATE: 07/19/23 | <b>13 OF 13</b> |
| DWG: MD23-100  |                 |

