



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

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

Metro Door, LLC
821 Industrial drive
Lewisburg, TN 37091

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: 20 Gage Slat Steel Roll-up Door up to 18'-1" Wide with Optional Insulated Slats

APPROVAL DOCUMENT: Drawing No. **26-096** (Former **23-116**), titled "18'-1" Maximum Wide, 20 Gage Slat Roll-Up Door Large Missile, sheets 1 and 7 of 7, dated 08/20/2021 and last revised on 08/06/26, prepared by the Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and revision date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's sidetrack, bottom angle, or inner surface of a panel.

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.

LIMITATION: Roll-up mechanism is not part of this approval.

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 & renews NOA # 23-0816.29** and consists of this page 1 and evidence pages E-, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

Ishaq I. Chanda



NOA No. 26-0908.03
Expiration Date: December 2, 2031
Approval Date: October 08, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **21-110**, titled “18’-1” Maximum Wide, 20 Gage Slat Roll-Up Door Large Missile, sheets 1 and 7 of 7, dated 08/20/2021, with revision 1 dated 10/18/2021, prepared by the Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a 20 Gage Slat Roll-Up Doors, prepared by Blackwater Technical Services Inc., Test Report No. **BT-MTD-20-001**, dated 10/27/2021, signed and sealed by Michael D. Caldwell, P.E.

C. CALCULATIONS

1. Vx force sample calculation, prepared by Tilteco, Inc., dated 10/18/2021, signed and sealed by Walter A. Tillit Jr., P.E.
2. Slats’ structural and anchoring calculations, prepared by Tilteco, Inc., dated 08/20/2021, signed and sealed by Walter A. Tillit Jr., P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-1010.32**, issued to Rmax Operating, LLC, for their “Rmax Foil Faced Rigid Polyisocyanurate Foam Sheathing Insulation”, approved on 05/10/2018 and expiring on 07/08/2022.

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Tilteco, Inc., dated 08/20/2021, signed and sealed by Walter A. Tillit Jr., P.E.
3. Statement letter of no financial interest, issued by Tilteco, Inc., dated 08/20/2021, signed and sealed by Walter A. Tillit Jr., P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0908.03
Expiration Date: December 2, 2031
Approval Date: October 08, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **23-116** (Former **21-110**), titled “18’-1” Maximum Wide, 20 Gage Slat Roll-Up Door Large Missile, sheets 1 and 7 of 7, dated 08/20/2021 and last revised on 07/21/23, prepared by the Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0420.01**, issued to Rmax Operating, LLC, for their “Rmax Foil Faced Rigid Polyisocyanurate Foam Sheathing Insulation”, approved on expiring on 07/08/2028.

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Tilteco, Inc., dated 07/21/2023, signed and sealed by Walter A. Tillit Jr., P.E.

G. OTHER

1. This NOA revises NOA # **21-0917.09** and updates to FBC 2023, expiring 12/02/26.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0908.03
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **26-096** (Former **23-116**), titled “18’-1” Maximum Wide, 20 Gage Slat Roll-Up Door Large Missile, sheets 1 and 7 of 7, dated 08/20/2021 and last revised on 08/06/26, prepared by the Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0420.01**, issued to Rmax Operating, LLC, for their “Rmax Foil Faced Rigid Polyisocyanurate Foam Sheathing Insulation”, approved on expiring on 07/08/2028.

F. STATEMENTS

1. Statement letter of code conformance to the 9th edition (2026) & 8th edition (2023) of the FBC, issued by Tilteco, Inc., dated 06/30/2026, signed and sealed by Walter A. Tillit Jr., P.E.

G. OTHER

1. This NOA **revises & renews NOA # 23-0908.03** and updates to FBC 2026, expiring 12/02/31.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 26-0908.03
Expiration Date: December 2, 2031
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The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

GENERAL NOTES:

1. ROLL-UP DOOR SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) AND 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE.
THIS PRODUCT MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. USING ASCE 7-22 SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED BELOW AND SCHEDULE ON SHEET 7.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL FIRST BE REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE WITH MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 1.

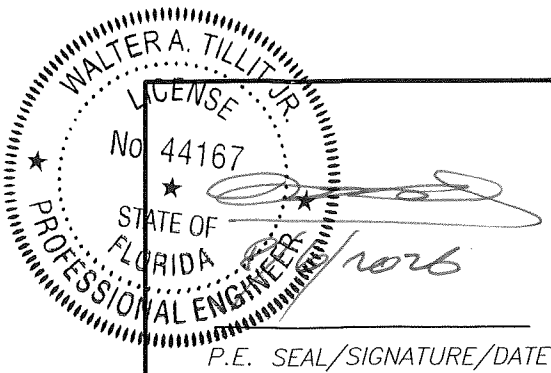
ROLL-UP DOOR'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER BLACKWATER TECHNICAL SERVICES INC. REPORT # BT-MTD-20-001 PER TAS-201, TAS 202 & TAS-203 PROTOCOLS.

MAX. A.S.D. DESIGN PRESSURE RATING: +70.0, -70.0 PSF. IMPACT MISSILE IS 9Lb, 2"x4", 50ft/Sec.

2. SLAT SHALL BE A.S.T.M. A-653 GR 45 STRUCTURAL QUALITY STEEL WITH MIN Fy= 45.0 ksi AND G-60 GALVANIZED PER A.S.T.M. A-653.
3. ALL STEEL ANGELS SHALL BE A.S.T.M. A-36 DESIGNATION, SHOP PRIMED AGAINST CORROSION PRIOR TO INSTALLATION. PAINT SHALL CONFORM TO FEDERAL SPECIFICATIONS CORRESPONDING TO GRAY PAINT OR EQUAL.
4. WINDLOCKS SHALL BE A.S.T.M. A-1011 GRADE 60 W/ A.S.T.M. A-123 G-60 GALVANIZED STEEL. (Fy= 60 ksi, Fu= 80 ksi).
5. ALL ASSEMBLY BOLTS SHALL BE S.A.E. GRADE 5 OR GALVANIZED STEEL, WITH 1000 hrs, 5% RUST CORROSION, PER ASTM B-117.
6. STEEL WIND ANGLES SHALL BE A.S.T.M/ A-36 DESIGNATION, SHOP PRIMED PRIOR TO INSTALLATION. PAINT TO CONFORM TO FEDERAL SPECIFICATIONS CORRESPONDING TO RED OXIDE PAINT OR EQUAL.
7. HOOD SHALL BE 24 GAGE A.S.T.M. A-653 DESIGNATION, G-90 FINISH TYPE COATING.
8. ALL RIVETS SHALL BE A.I.S.I. 1/4" Ø W/ 1/2" FLANGE Ø STAINLESS STEEL MODEL # STS84D DOMED HD, W/ 1460 Lb SHEAR STRENGTH & 1800 TENSILE STRENGTH.
9. CONCRETE ANCHORS SHALL BE AS MANUFACTURED BY RED HEAD AND SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.
ANCHOR FOR STEEL SHALL BE AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS. ANCHORS SHALL COMPLY WITH SECTION 1711 OF THE FLORIDA BUILDING CODE. SEE SHEET 7 FOR LIMITATIONS.
10. ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY'S AWS D1.1 REGULATIONS. USE A.W.S. AS.1 OR A5.5 E60XX ELECTRODES MIN. 3/16" FILLET SIZE.
11. INSULATION MATERIAL SHALL BE RMAX FOIL FACED RIGID POLYISOCYANURATE FOAM SHEATHING INSULATION, MANUFACTURED BY Rmax Operating, LLC W/ MIAMI DADE COUNTY APPROVAL.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT Vx AND Vy FORCES AT BOTH JAMBS.
SEE SCHEDULE ON SHEET 7 OF 7, FOR Vx & Vy VALUES.
13. ROLL-UP MECHANISM IS NOT PART OF THIS APPROVAL.
14. (A) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT: I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.
(B) THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS P.A.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT, CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
(C) THIS P.A.D. WILL BE CONSIDERED INVALID IF MODIFIED.
(D) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHO WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THE LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
(E) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD WHO PREPARED IT.
15. ROLL-UP DOOR MANUFACTURER'S LABEL SHALL BE LOCATED AT A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY UNIT. LABELING MUST BE PER FLORIDA BUILDING CODE 1709.5.2.1.1

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 26-0908.03
Expiration Date 12/02/2031
By Ishag I. Chank
Miami-Dade Product Control

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA



©2026 TILTECO, INC.
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

18'-1" MAXIMUM WIDE, 20 GAGE SLAT
ROLL-UP DOOR LARGE MISSILE

W.H.
DRAWN BY:

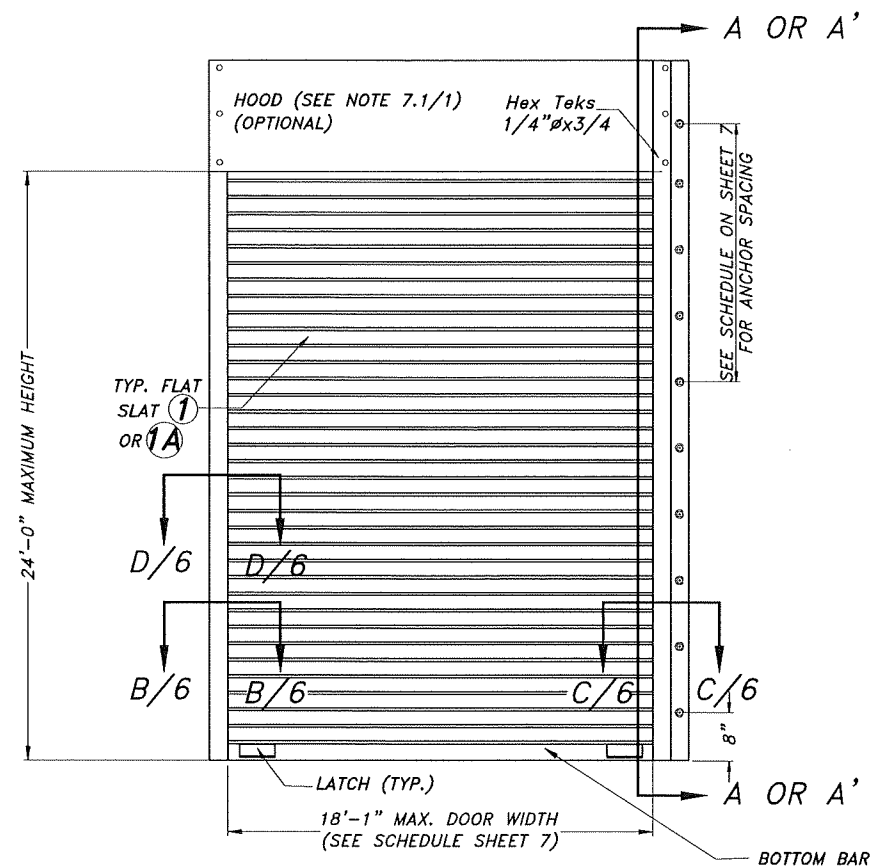
METRO DOOR LLC.
821 INDUSTRIAL DRIVE
LEWISBURG, TN 37091
PHONE: (833) 969-3667

6/30/2026
DATE

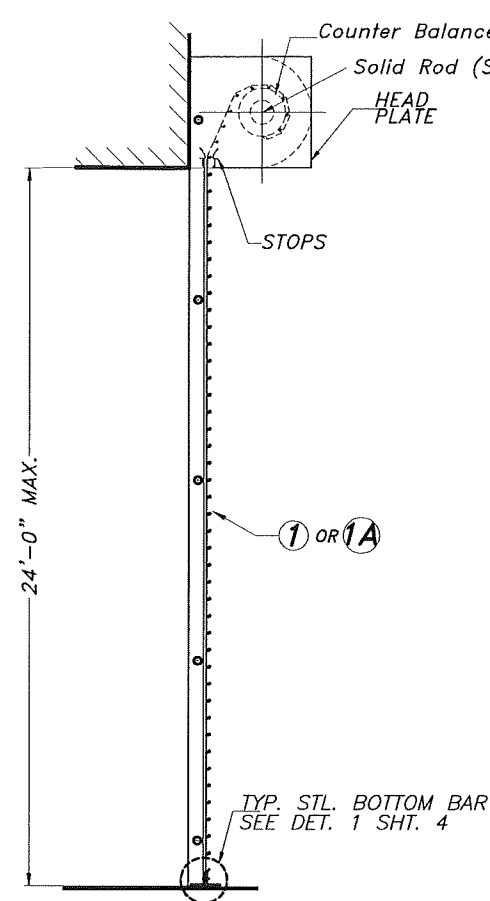
26-096
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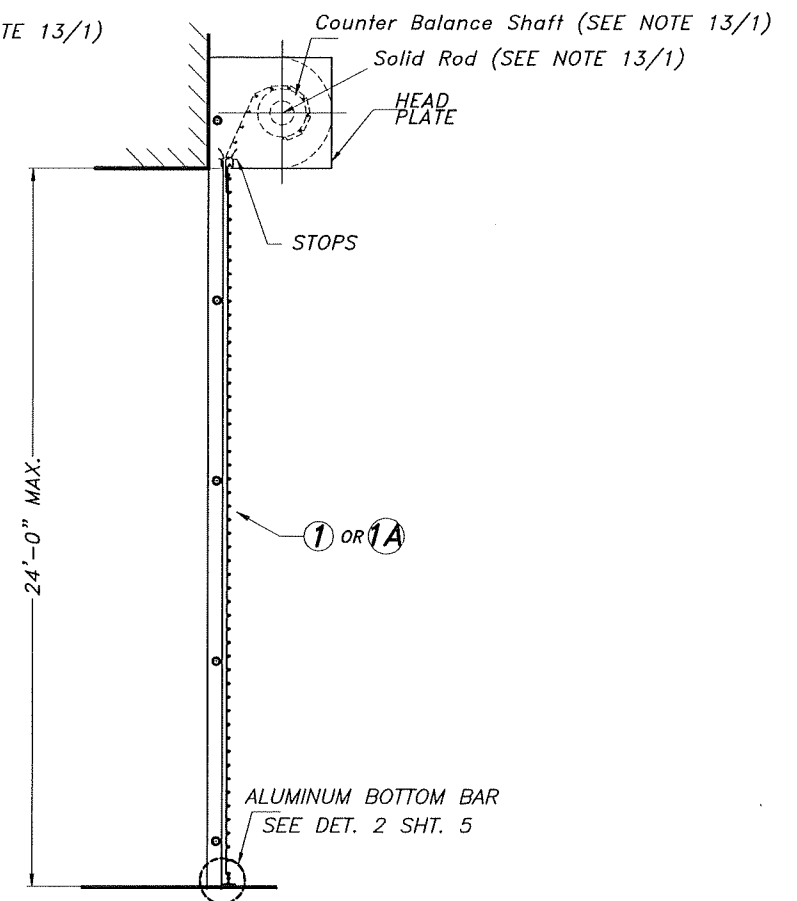
SHEET 1 OF 7



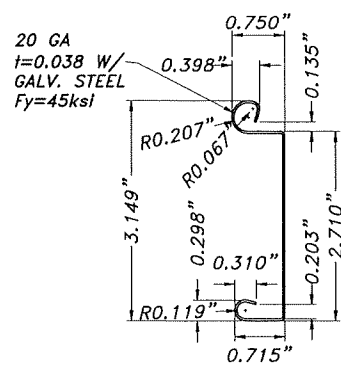
TYPICAL DOOR ELEVATION
N. T. S.



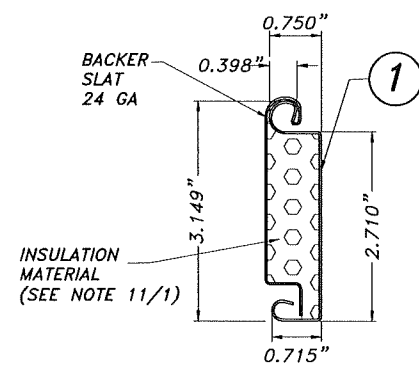
SECTION A-A
N. T. S.



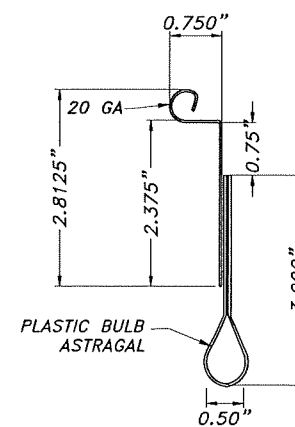
SECTION A'-A'
N. T. S.



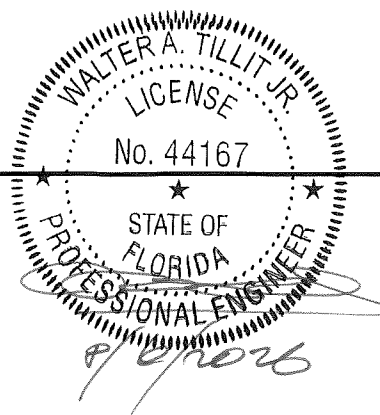
1 FLAT SLAT
Fy=45ksi
ASTM A-653 GRADE 45
G-60 GALV. STL



1A INSULATED SLAT
Fy=45ksi
ASTM A-653 GRADE 45
G-60 GALV. STL



2 STL BOTTOM SLAT FOR SECTION A-A
Fy=45ksi
ASTM A-653 GRADE 45
G-60 GALV. STL



P.E. SEAL/SIGNATURE/DATE

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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

18'-1" MAXIMUM WIDE, 20 GAGE SLAT
ROLL-UP DOOR LARGE MISSILE

METRO DOOR LLC.
821 INDUSTRIAL DRIVE
LEWISBURG, TN 37091
PHONE: (833) 969-3667

W.H.
DRAWN BY:

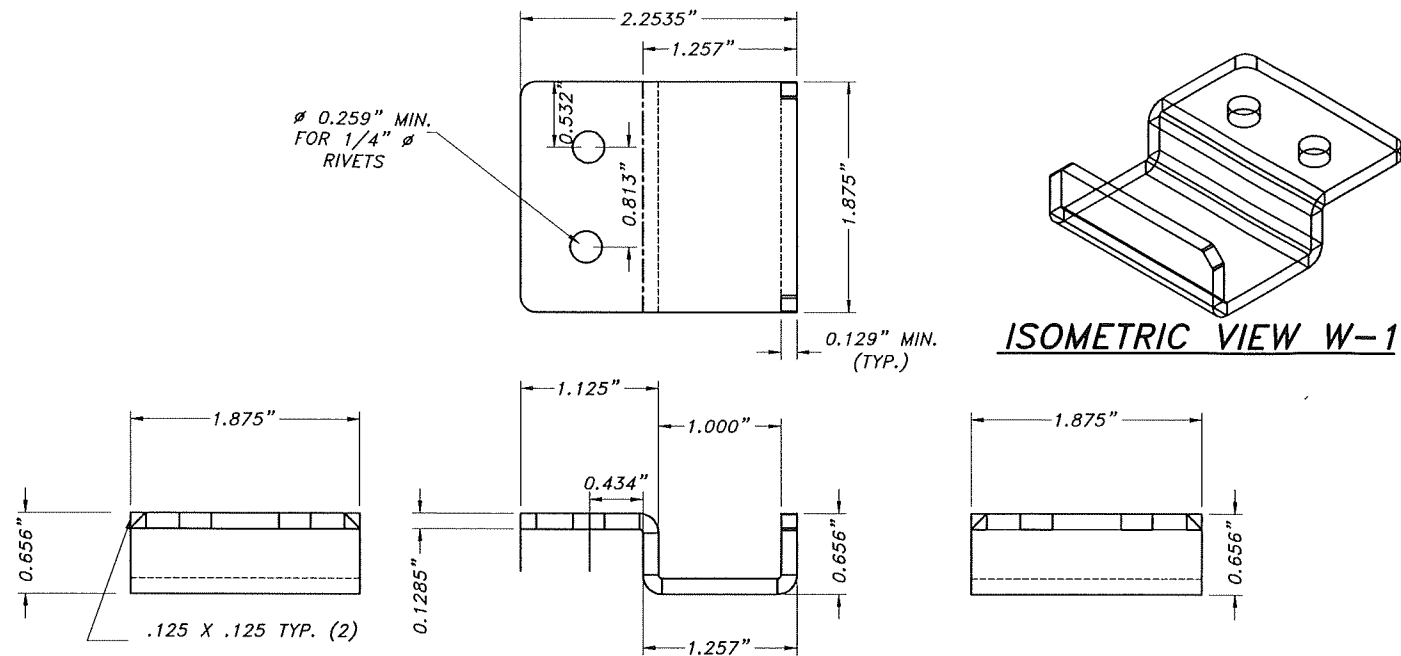
6/30/2026
DATE

26-096
DRAWING No

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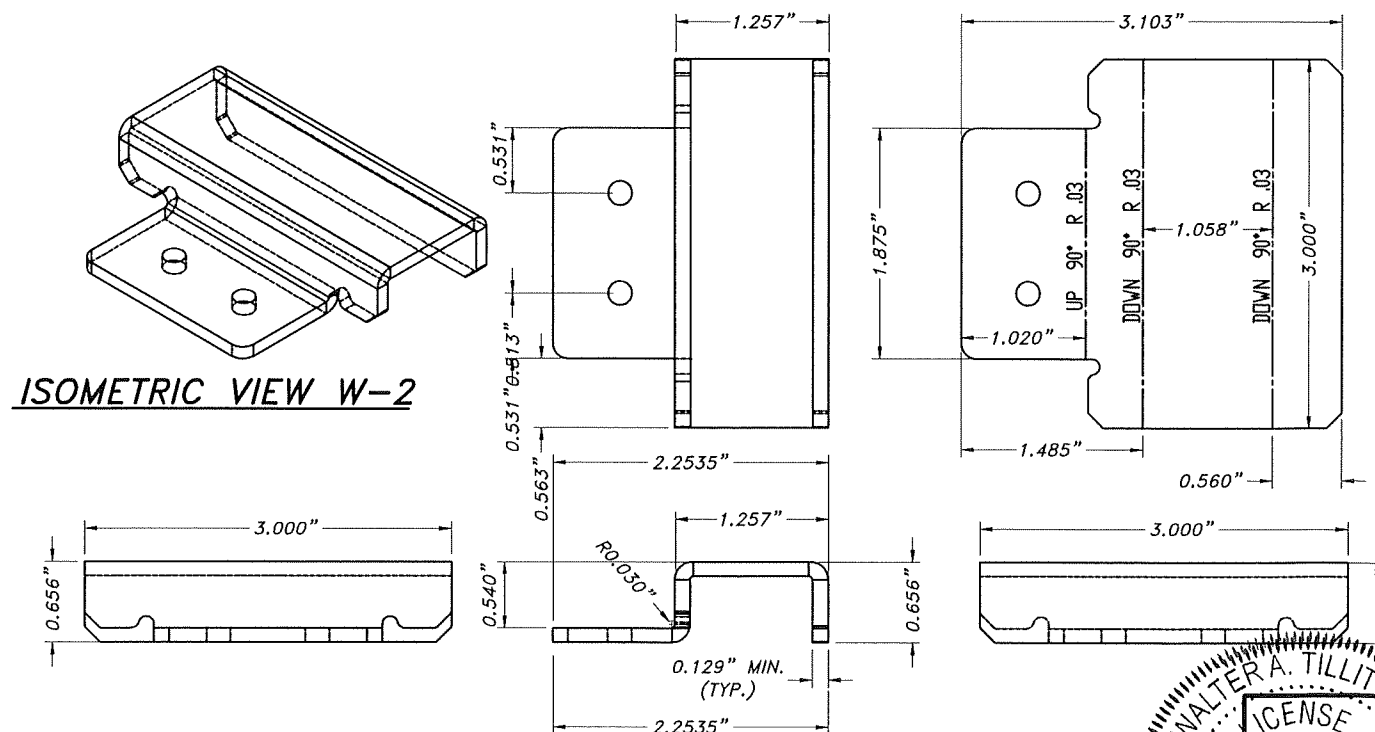
SHEET 2 OF 7

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 26-0908.03
Expiration Date 12/02/2031
By Ismael I. Chanda
Miami-Dade Product Control



WIND LOCK W-1

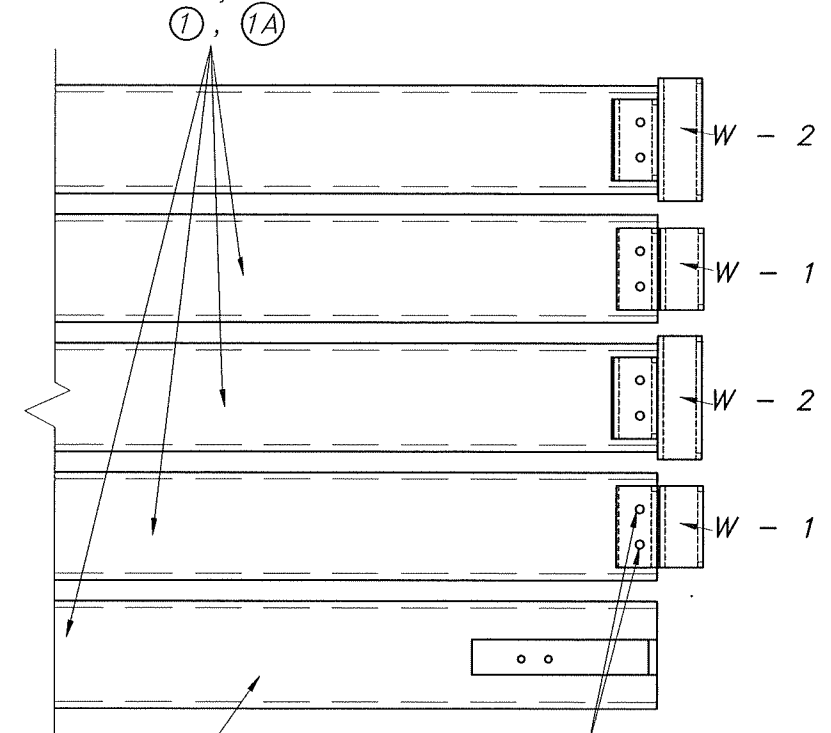
Fy= 60ksi
Fu= 80ksi
ASTM A-1011 GRADE 60 W/ ASTM A-123
G-60 GALVANIZED STEEL



WIND LOCK W-2

Fy= 60ksi
Fu= 80ksi
ASTM A-1011 GRADE 60 W/ ASTM A-123
G-60 GALVANIZED STEEL

FLAT SLAT , INSULATED SLAT



BOTTOM SLAT W/LATCH
(SEE SHEETS 4 & 5)

S.S. RIVETS Ø 1/4" (STS84D)
(2) EA. W-1 OR EA. W-2

ELEVATION DETAIL FOR SLAT W/ W-1 & W-2

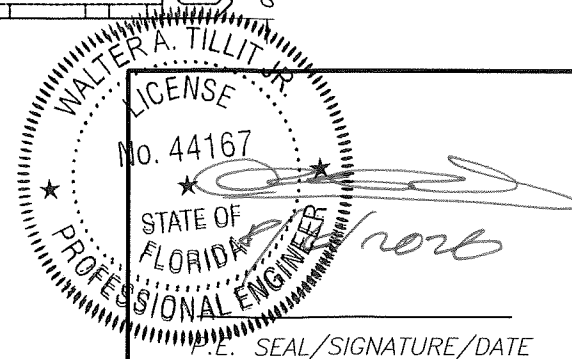
N.T.S.

PRODUCT RENEWED
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Expiration Date 12/02/2031

By Ishag I. Chandra
Miami-Dade Product Control

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)



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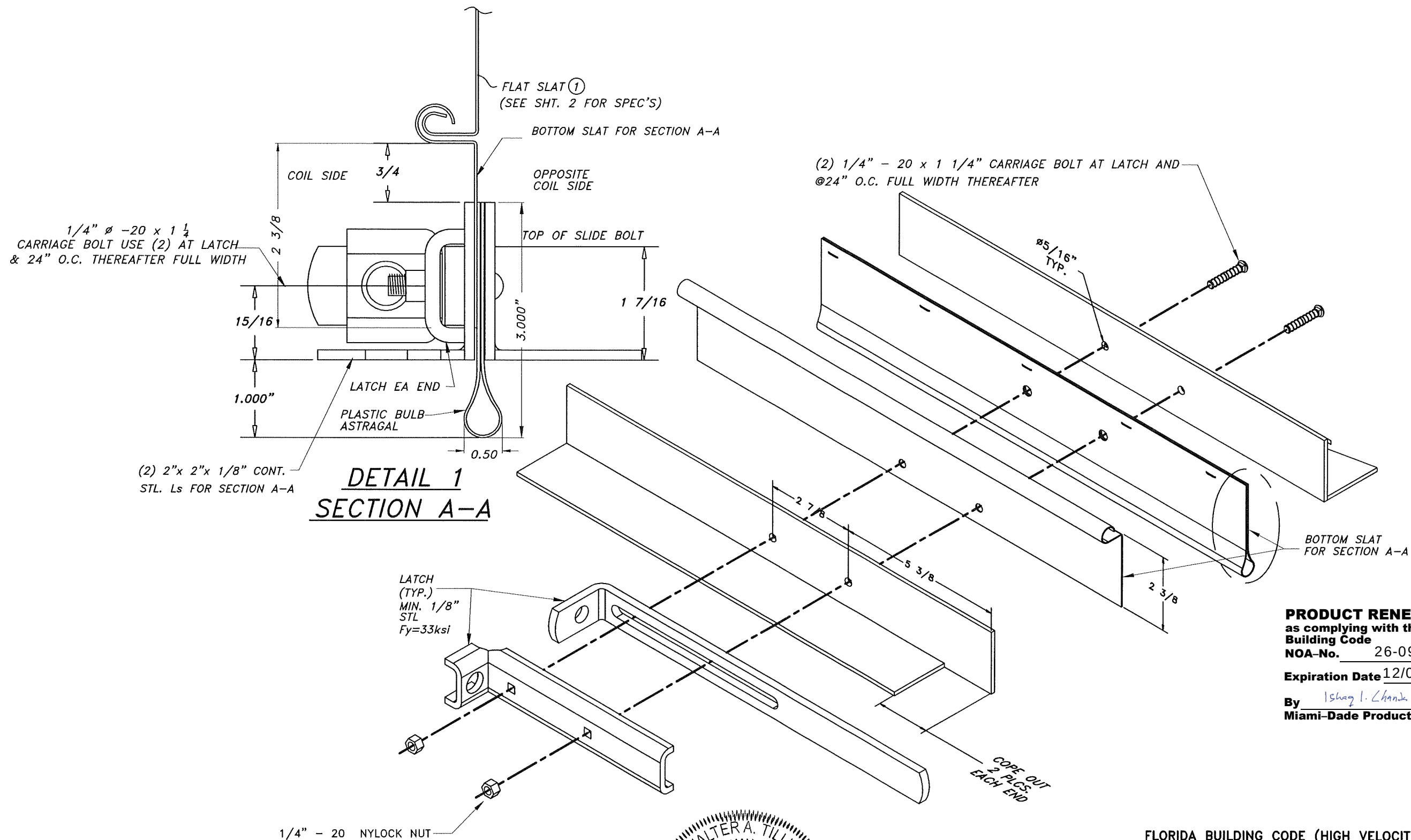
W.H.
DRAWN BY:

6/30/2026
DATE

26-096
DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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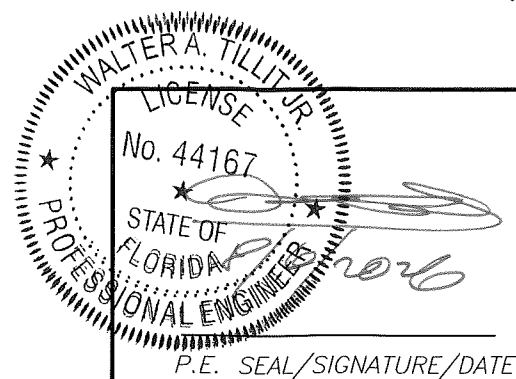
SHEET 3 OF 7



DETAIL 1
SECTION A-A

PRODUCT RENEWED
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By Isaac I. Chank
Miami-Dade Product Control

**ASSEMBLY DETAIL OF BOTTOM SLAT
W/ STEEL ANGLES & W/ LATCH AT
SECTION A-A**



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18'-1" MAXIMUM WIDE, 20 GAGE SLAT
ROLL-UP DOOR LARGE MISSILE

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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-116	6/30/26	3	-	-
2	-	-	4	-	-

SHEET 4 OF 7



ASSEMBLY DETAIL AT BOTTOM W/ ALUMINUM BAR
SECTION A'-A'

N. T. S.

FLAT SLAT ① OR ①A
(SEE SHT. 2 FOR SPEC'S)

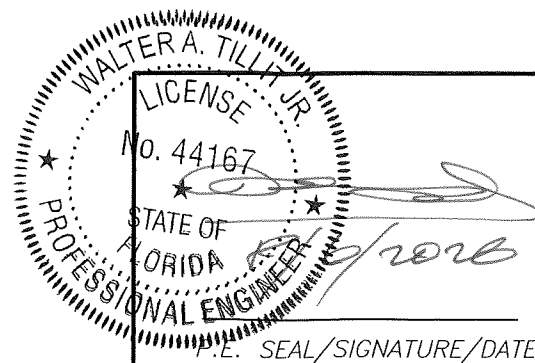
✓ ALUMINUM BOTTOM
BAR
6063-T6 ALLOY

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 26-0908.03

Expiration Date 12/02/2031

By Ishaq I. Chande
Miami-Dade Product Control

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)



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ROLL-UP DOOR LARGE MISSILE**

W.H.
DRAWN BY:

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6/30/2026
DATE

26-096
DRAWING No

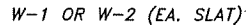
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-116	6/30/26	3	-	-
2	-	-	4	-	-

SHEET 5 OF 7



SCALE : $3/8" = 1"$

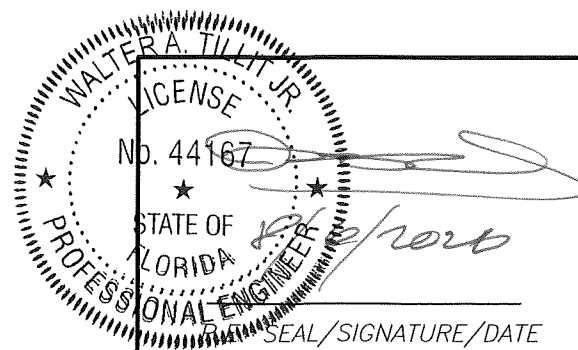
* SEE SHEET 7 FOR REQUIREMENTS



* SEE SHEET 7 FOR REQUIREMENTS

Miami-Dade Product Control

SHEET 6 OF 7



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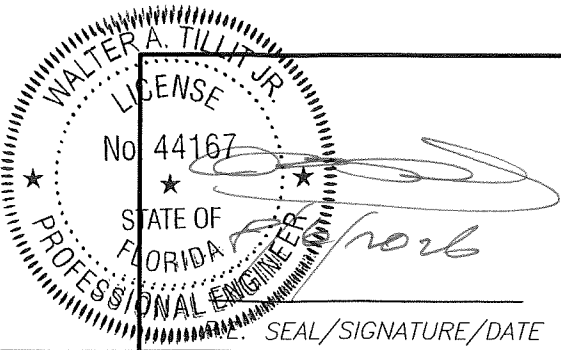
Vx & Vy REACTIONS & ANCHOR SPACING SCHEDULE

MAXIMUM DESIGN LOAD (psf)	DOOR WIDTH (ft-in)	SLIP (in)	Vx (lb/ft)	Vy (lb/ft)	MAXIMUM ANCHOR SPACING	
					ANCHOR TYPE 1 *	ANCHOR TYPE 2 *
					f'c= 3ksi Min.	$\frac{1}{4}$ Min. f'y=36ksi STEEL
+50.0 , -50.0	14'-0"	3/8"	1411	350	10"	10"
	16'-0"	1/2 "	1581	400	10"	10"
	18'-1"	0.634"	1753	453	10"	10"
+55.0 , -55.0	14'-0"	3/8"	1568	385	10"	10"
	16'-0"	1/2 "	1748	440	10"	10"
	18'-1"	0.634"	1932	498	10"	10"
+60.0 , -60.0	14'-0"	3/8"	1724	420	10"	10"
	16'-0"	1/2 "	1913	480	10"	10"
	18'-1"	0.634"	2108	543	10"	10"
+70.0 , -70.0	14'-0"	3/8"	2031	490	10"	10"
	16'-0"	1/2 "	2239	560	10"	10"
	18'-1"	0.634"	2473	634	10"	10"

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 26-0908.03
Expiration Date 12/02/2031
By Ishaq I. Chande
Miami-Dade Product Control

ANCHOR TYPE 1: $\frac{5}{8}$ "Ø RED HEAD LDT SELF THREADING W/ 4 $\frac{1}{2}$ " MIN. EMBEDMENT & 6" MIN. EDGE DISTANCE INTO f'c= 3ksi MIN. POURED CONCRETE.
ANCHOR TYPE 2: 1/2"Ø x 1 $\frac{1}{2}$ " MIN. ELCO CONSTRUCTION PRODUCT TAP-FLEX THREADING SCREW INTO $\frac{1}{4}$ " MIN. ASTM A-36 STEEL STRUCTURE.

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)



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TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
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Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

18'-1" MAXIMUM WIDE, 20 GAGE SLAT
ROLL-UP DOOR LARGE MISSILE

W.H.
DRAWN BY:

METRO DOOR LLC.
821 INDUSTRIAL DRIVE
LEWISBURG, TN 37091
PHONE: (833) 969-3667

6/30/2026
DATE

26-096
DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-116	6/30/26	3	-	-
2	-	-	4	-	-

SHEET 7 OF 7