

The Cookson Company 1901 South Litchfield Road Goodyear, AZ 85338

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: Insulated Steel Rolling Door up to 25'-5" Wide (80 FPS Impact)

APPROVAL DOCUMENT: Drawing No. **ES-16-59-TCCI**, titled "25'-5" Wide 65 PSF 80 FPS Insulated Rolling Steel Door", sheets 1 through 6 of 6, dated 01/31/2014, with revision B dated 01/23/2020, prepared by The Cookson Company, signed and sealed by Shawn Patrick Kelley, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, one of the 2 manufacturing addresses on drawings, 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 side track, 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.

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 **renews NOA # 18-0125.05** and 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 Carlos M. Utrera, P.E.



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NOA No. 20-0416.11 Expiration Date: July 9, 2025 Approval Date: May 14, 2020 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA # 15-0318.06"

1. Drawing No. **ES-16-59-TCCI**, titled "25'-5" Wide 65 PSF 80 FPS Insulated Rolling Steel Door", sheets 1 through 6 of 6, dated 01/31/2014, with revision **A** dated 05/21/2015, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS "Submitted under NOA # 15-0318.06"

- 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 (Level 'E')
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8-08,

along with marked-up drawings and installation diagram of Thermiser Roll-up Garage Doors, prepared by Intertek/Architectural Testing, Inc., compliance letter and Test Report No. **C6863.02-109-18**, dated 01/29/2014, signed and sealed by Michael D. Stremmel, P.E.

- 2. Test report on Salt Spray Performance Test per ASTM B117-09 of G90 unpainted and G40 painted samples, prepared by Intertek, compliance letter and Test Report No. G100075502MID-002, dated 05/26/2010, signed and sealed by Rick Curkeet, P.E.
- **3.** Test Report on Ignition Temperature per ASTM D1929 and Flame Spread/ Smoke Density per ASTM E84 of polyurethane foam, prepared by ETC Laboratories, compliance letter and Test Report # **ETC-07-1071-18738.0**, dated 03/26/2007, signed and sealed by Joseph L. Doldan, P.E.

C. CALCULATIONS "Submitted under NOA # 15-0318.06"

1. Calculations prepared by Joseph H. Dixon, Jr., P.E., dated 02/23/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS "Submitted under NOA # 15-0318.06"

- 1. Statement letter of code conformance to 2010 and 5th edition (2014) FBC issued by Joseph H. Dixon, Jr., P.E., dated 03/13/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.
- 2. Statement letter of no financial interest issued by Joseph H. Dixon, Jr., P.E., dated 03/13/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0416.11 Expiration Date: July 9, 2025 Approval Date: May 14, 2020

The Cookson Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **ES-16-59-TCCI**, titled "25'-5" Wide 65 PSF 80 FPS Insulated Rolling Steel Door", sheets 1 through 6 of 6, dated 01/31/2014, with revision B dated 01/23/2020, prepared by The Cookson Company, signed and sealed by Shawn Patrick Kelley, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations prepared by Moment Engineering+ Design, LLC, dated 01/12/2018, signed and sealed by Shawn Patrick Kelley, P.E.

D. QUALITY ASSURANCE

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

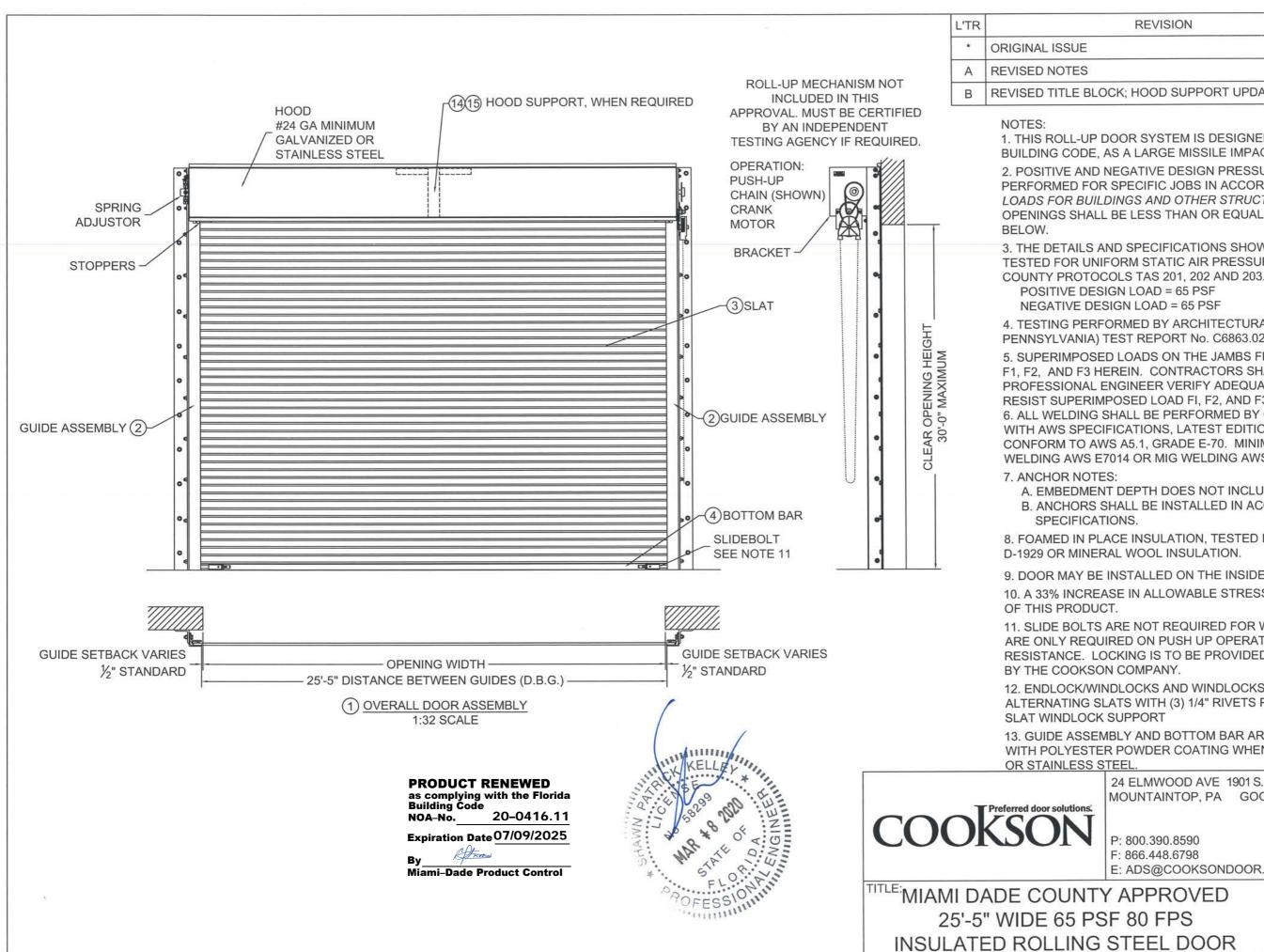
E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to **FBC** 6th Edition (2017), and of no financial interest, dated March 21, 2020, issued by Moment Engineering+ Design, LLC, signed and sealed by Shawn Patrick Kelley, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0416.11 Expiration Date: July 9, 2025 Approval Date: May 14, 2020



REVISION	DATE	BY	E.C.O.
	01/31/2014	TJE	1614
	05/21/2015	TJE	1614
CK; HOOD SUPPORT UPDATE	01/23/2020	MAN	2026

1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.

2. POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. WIND LOADS DETERMINED FOR OPENINGS SHALL BE LESS THAN OR EQUAL TO DOOR DESIGN PRESSURES NOTED

3. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE

4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA) TEST REPORT No. C6863.02-109-18.

5. SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNATED AS F1, F2, AND F3 HEREIN. CONTRACTORS SHALL HAVE FLORIDA REGISTERED PROFESSIONAL ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOAD FI, F2, AND F3.

6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO AWS A5.1, GRADE E-70. MINIMUM WELDING PROCESS SHALL BE ARC WELDING AWS E7014 OR MIG WELDING AWS ER70S-6.

A. EMBEDMENT DEPTH DOES NOT INCLUDE STUCCO FINISH.

B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS

8. FOAMED IN PLACE INSULATION, TESTED IN ACCORDANCE WITH ASTM E-84 AND D-1929 OR MINERAL WOOL INSULATION.

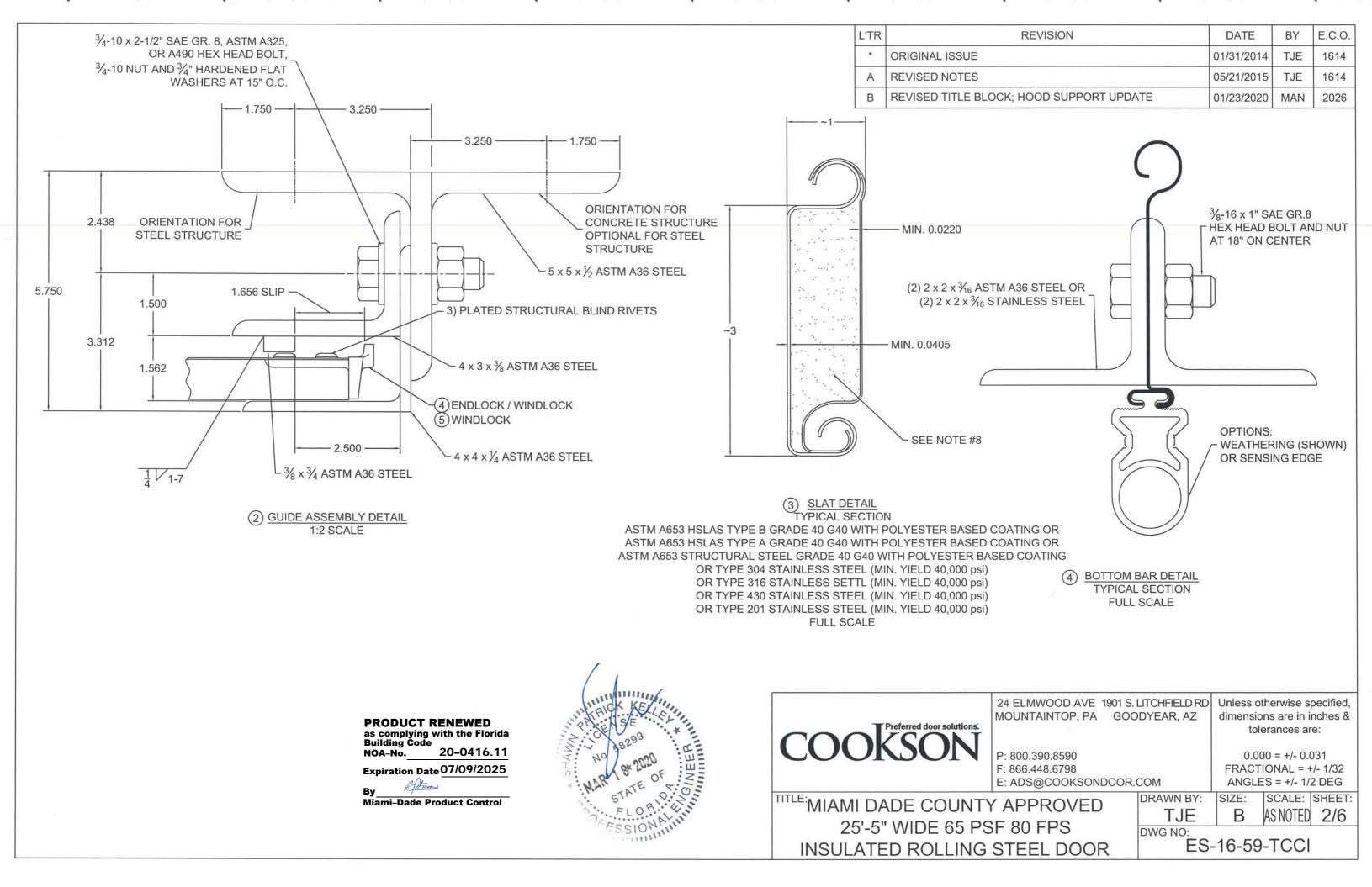
9. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL. 10. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN

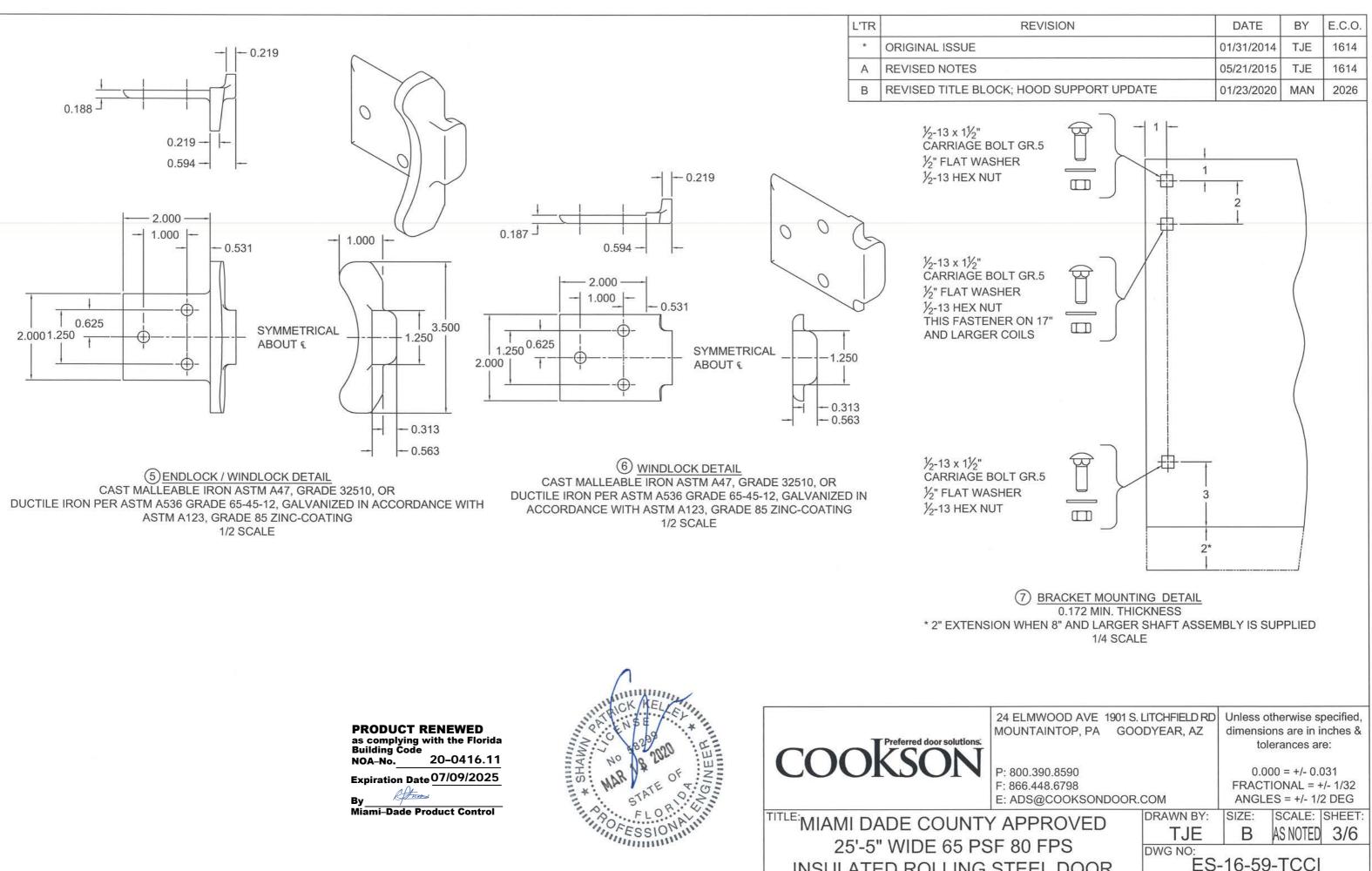
11. SLIDE BOLTS ARE NOT REQUIRED FOR WINDLOAD RESISTANCE. SLIDE BOLTS ARE ONLY REQUIRED ON PUSH UP OPERATED UNITS FOR FORCED ENTRY RESISTANCE. LOCKING IS TO BE PROVIDED BY OTHERS OR AS CYLINDER LOCKS

12. ENDLOCK/WINDLOCKS AND WINDLOCKS ARE SECURED TO EACH END OF ALTERNATING SLATS WITH (3) 1/4" RIVETS PER END RESULTING IN CONTINUOUS

13. GUIDE ASSEMBLY AND BOTTOM BAR ARE TO BE PROTECTED FROM CORROSION WITH POLYESTER POWDER COATING WHEN NOT MINIMUM G90 GALVANIZED STEEL

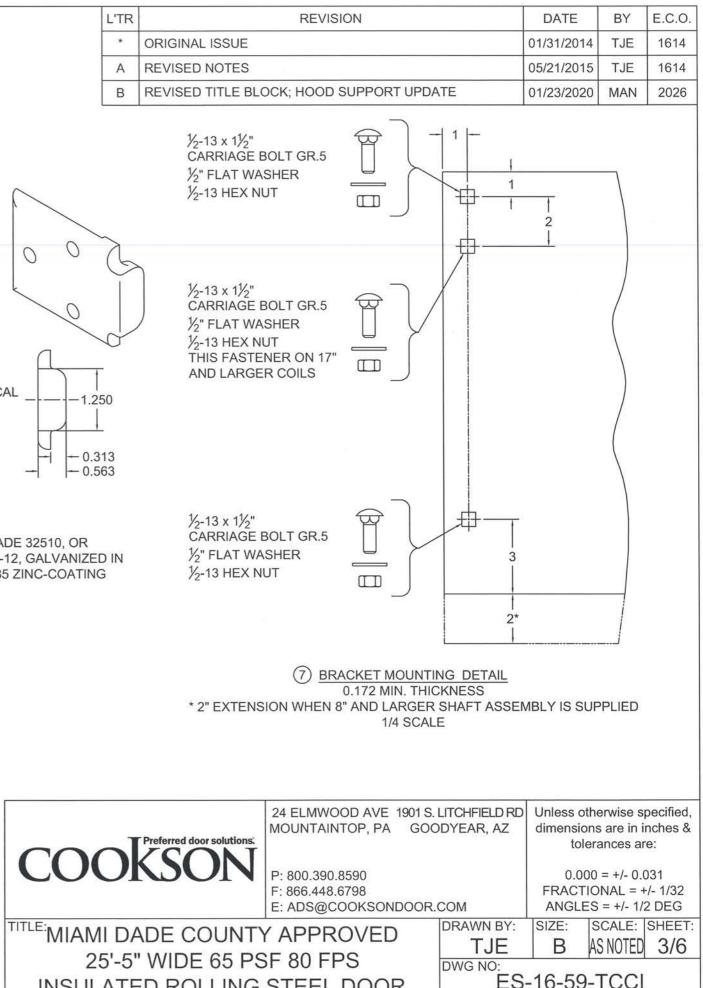
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24 ELMWOOD AVE 1901 S. MOUNTAINTOP, PA GOO		dimensio	therwise s ons are in i erances ar	nches &
P: 800.390.8590 F: 866.448.6798 E: ADS@COOKSONDOOR.0	сом	FRACT	00 = +/- 0.0 IONAL = + ES = +/- 1/2	-/- 1/32
APPROVED	DRAWN BY:	SIZE: B	SCALE: AS NOTED	
F 80 FPS STEEL DOOR	DWG NO: ES-	-16-59	-TCCI	



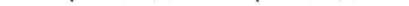


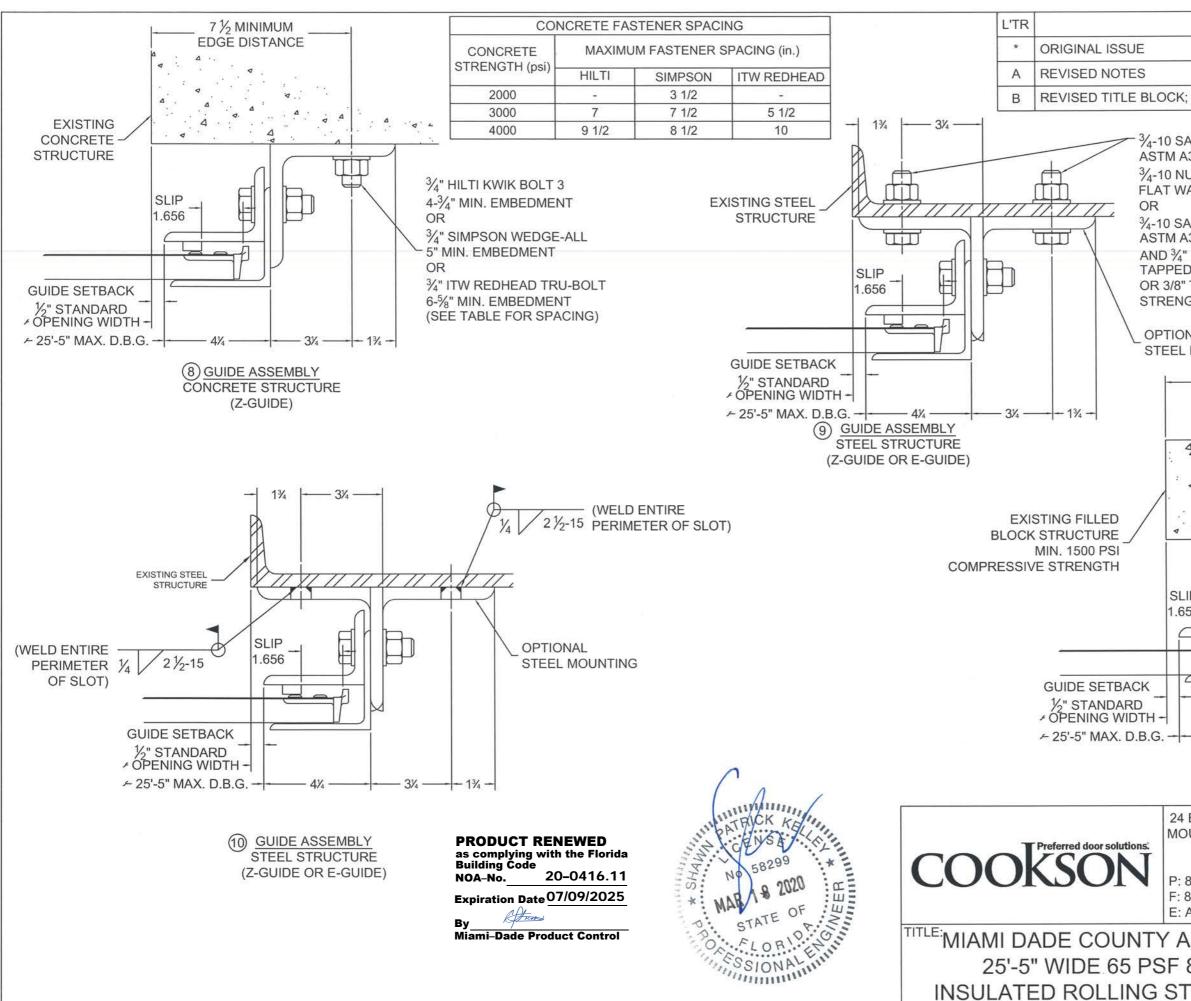




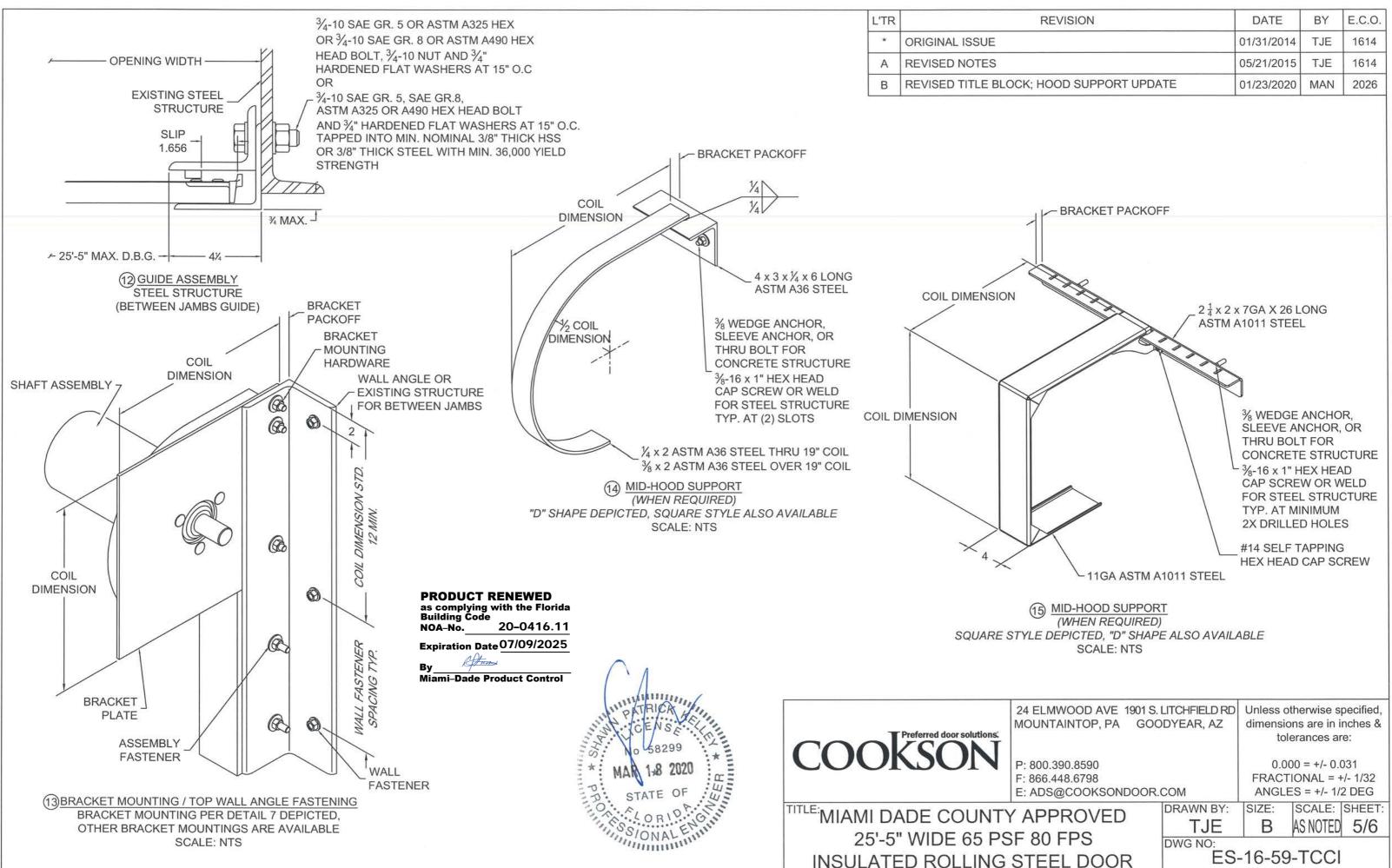


INSULATED ROLLING STEEL DOOR



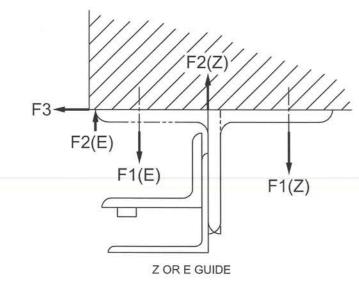


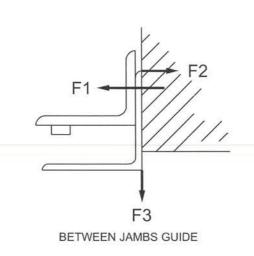
REVISION		DATE	BY	E.C.O.
		01/31/2014	TJE	1614
		05/21/2015	TJE	1614
CK; HOOD SUPPORT UPDAT	TE	01/23/2020	MAN	2026
SAE GR. 5, SAE GR. 8, 1 A325 OR A490 HEX HEAD NUT AND ³ / ₄ " HARDENED WASHERS AT 15" O.C. SAE GR. 5, SAE GR.8, 1 A325 OR A490 HEX HEAD ³ / ₄ " HARDENED FLAT WASH	BOLT	D.C.		
ED INTO MIN. NOMINAL 3/8 8" THICK STEEL WITH MIN. NGTH				
IONAL EL MOUNTING				
7 ¼ MINIMUM EDGE DISTANCE		1/4" THICK STEEL CR		
		a .		
SLIP .656 	- 1% -	3/4-10 SAE G ASTM A325 A490 HEX H 3/4-10 NUT, FLAT WASH AND CRUSH AT 8" O.C.	OR EAD BC ¾" HAR ERS,	DLT, DENED
(1) <u>GUIDE ASSEMI</u> FILLED BLOCK STR (Z-GUIDE)	BLY			
24 ELMWOOD AVE 1901 S. L IOUNTAINTOP, PA GOOI		dimension		nches &
P: 800.390.8590 F: 866.448.6798 E: ADS@COOKSONDOOR.C	0.0000000000000000000000000000000000000	FRACTIC ANGLES	5 = +/- 1/2	-/- 1/32 2 DEG
APPROVED			Section and Balance	SHEET:
- 80 FPS	TJE DWG NO:	BA	S NOTED	4/6
STEEL DOOR		-16-59-	TCCI	



REVISION	DATE		E.C.O.
	01/31/2014	TJE	1614
	05/21/2015	TJE	1614
K; HOOD SUPPORT UPDATE	01/23/2020	MAN	2026

	REVISION	DATE	BY	E.C.O
*	ORIGINAL ISSUE	01/31/2014	TJE	1614
A	REVISED NOTES	05/21/2015	TJE	1614
в	REVISED TITLE BLOCK; HOOD SUPPORT UPDATE	01/23/2020	MAN	2026





		24524 A (242	EIGHT)		
		Z-G	UIDE		
1	POSITIVE		N	IEGATIVE	Ξ
F1	F2	F3	F1	F2	F3
2452	1706	2787	4598	5433	2787
		E-G	UIDE	6	
1	POSITIVE		N	EGATIVE	Ξ
F1	F2	F3	F1	F2	F3
6868	6032	2787	6391	7226	2787
	BET	WEEN J	AMBS GL	JIDE	
	POSITIVE	Ξ	N	EGATIVE	Ξ
F1	F2	F3	F1	F2	F3
4918	2131	835	14630	11843	835
STRUCT	ND F3 F	ST BE DI	<u>TE</u> : ESIGNED LBS./FT.		

PRODUCT RENEWEDas complying with the FloridaBuilding CodeNOA-No.20-0416.11 Expiration Date 07/09/2025

By Kyrree Miami-Dade Product Control

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25'-5" WIDE 65 PSF INSULATED ROLLING S

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2: 800.390.8590 5: 866.448.6798 5: ADS@COOKSONDOOR.(FRAC	000 = +/- 0.0 FIONAL = + ES = +/- 1/2	-/- 1/32	
APPROVED	DRAWN BY: TJE	SIZE: B	SCALE: AS NOTED	
F 80 FPS STEEL DOOR	DWG NO: ES-	-16-59	9-TCCI	