

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

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: Perforated Slat Steel Rolling Door up to 27ft-5in Wide (50 FPS Impact)

APPROVAL DOCUMENT: Drawing No. **ES-16-74-TCCI**, titled "27'-5" Wide 60 PSF 50 FPS Perforated Rolling Steel Door", sheets 1 through 6 of 6, dated 07/31/2015, with revision A dated 02/06/2020, prepared by The Cookson Company, signed and sealed by Shawn Patrick Kelley, P.E. on 08/16/2023, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large 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 **revises NOA # 20-0925.22** 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 Sifang Zhao, P.E.



6.2.

12/21/2023

NOA-No. 23-1103.18 Expiration Date: November 12, 2025 Approval Date: December 21, 2023 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA # 15-0914.14"

1. Drawing No. ES-16-74-TCCI, titled "27'-5" Wide 60 PSF 50 FPS Perforated Rolling Steel Door", sheets 1 through 5 of 5, dated 07/31/2015, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS "Submitted under NOA # 15-0914.14"

- 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
 - 5) Tensile Test per ASTM E8-08,

along with marked-up drawings and installation diagram of CP0020 Perforated Slat Roll-up Garage Doors, prepared by Architectural Testing, Inc., Test Report No. **D5148.01-109-18**, dated 06/20/2014, 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, Test Report No. G100075502MID-002, dated 05/26/2010, signed and sealed by Rick Curkeet, P.E.

C. CALCULATIONS

- 1. Calculations prepared by Joseph H. Dixon, Jr., P.E., dated 08/10/2015, signed and sealed by Joseph H. Dixon, Jr., P.E. "Submitted under NOA # 15-0914.14"
- 2. Calculations prepared by Moment Engineering+ Design, LLC, dated 01/12/2018, signed and sealed by Shawn Patrick Kelley, P.E. *"Submitted under NOA # 20-0416.14"*

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 the 5th edition (2014) FBC and of no financial interest issued by Joseph H. Dixon, Jr., P.E., dated 09/08/2015, signed and sealed by Joseph H. Dixon, Jr., P.E. "*Submitted under NOA # 15-0914.14*"
- 2. 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. "Submitted under NOA # 20-0416.14"
- **3.** Statement letter of code conformance to **FBC** 7th **Edition (2020)**, and of no financial interest, dated August 12, 2020, issued by Moment Engineering + Design, LLC, signed and sealed by Shawn Patrick Kelley, P.E. *"Submitted under NOA # 20-0925.22"*

Sifang Zhao, P.E. Product Control Examiner NOA-No. 23-1103.18 Expiration Date: November 12, 2025 Approval Date: December 21, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. ES-16-74-TCCI, titled "27'-5" Wide 60 PSF 50 FPS Perforated Rolling Steel Door", sheets 1 through 6 of 6, dated 07/31/2015, with revision A dated 02/06/2020, prepared by The Cookson Company, signed and sealed by Shawn Patrick Kelley, P.E. on 08/16/2023.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

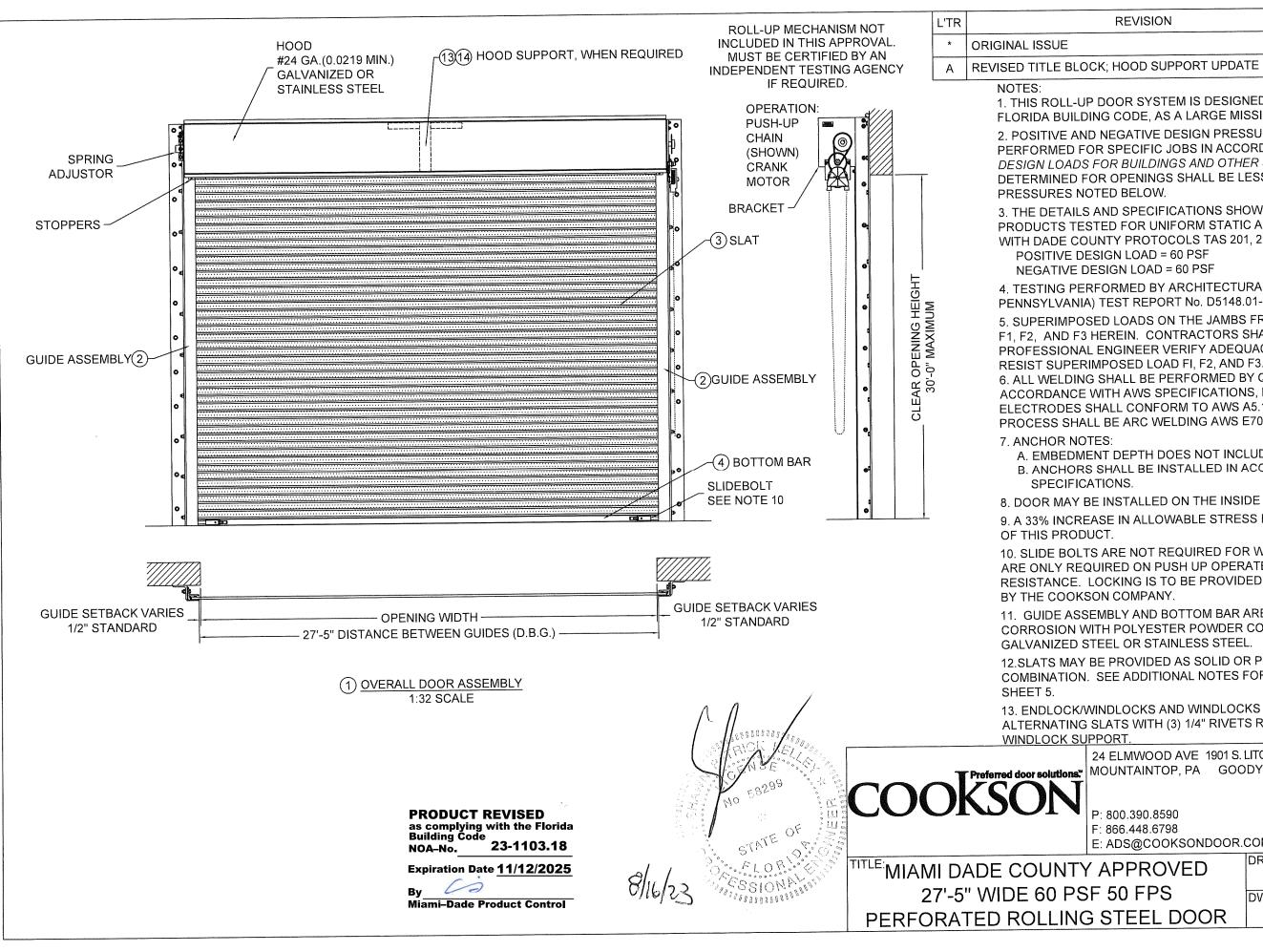
E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to **FBC 8th Edition (2023)**, and of no financial interest, dated August 28, 2023, issued by Moment Engineering + Design, LLC, signed and sealed by Shawn Patrick Kelley, P.E.

Sifang Zhao, P.E. Product Control Examiner NOA-No. 23-1103.18 Expiration Date: November 12, 2025 Approval Date: December 21, 2023



EVISION	DATE	BY	E.C.O.
	07/31/2015	TJE	1669
OOD SUPPORT UPDATE	02/06/2020	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

3. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE COUNTY PROTOCOLS TAS 201, 202 AND 203.

4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA) TEST REPORT No. D5148.01-109-18.

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

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

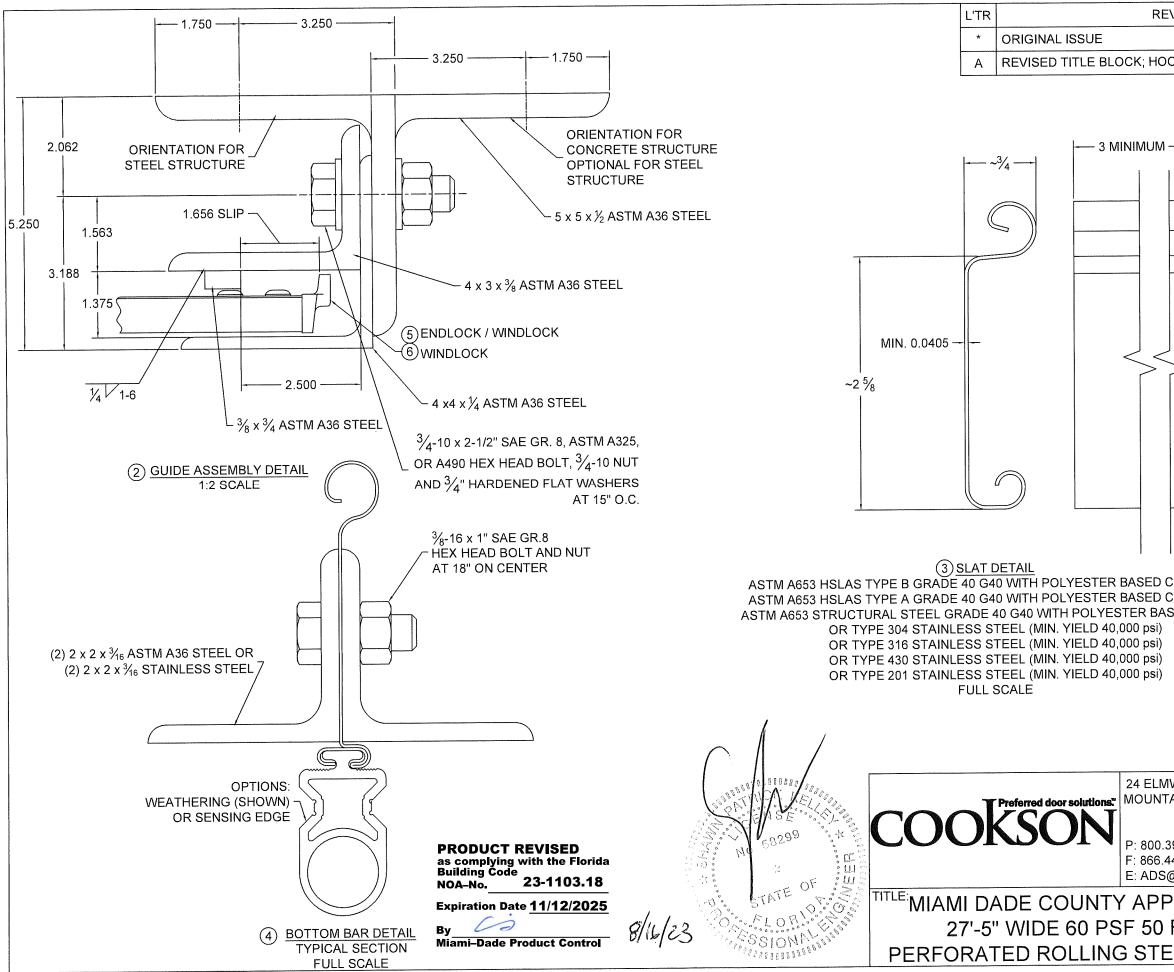
10. SLIDE BOLTS ARE NOT REQUIRED FOR WINDLOAD RESISTANCE. SLIDE BOLTS ARE ONLY REQUIRED ON PUSH UP OPERATED UNITS FOR FORCED ENTRY RESISTANCE. LOCKING IS TO BE PROVIDED BY OTHERS OR AS CYLINDER LOCKS

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

12. SLATS MAY BE PROVIDED AS SOLID OR PERFORATED IN ANY ORDER OR COMBINATION. SEE ADDITIONAL NOTES FOR PERFORATED SLAT LOCATED ON

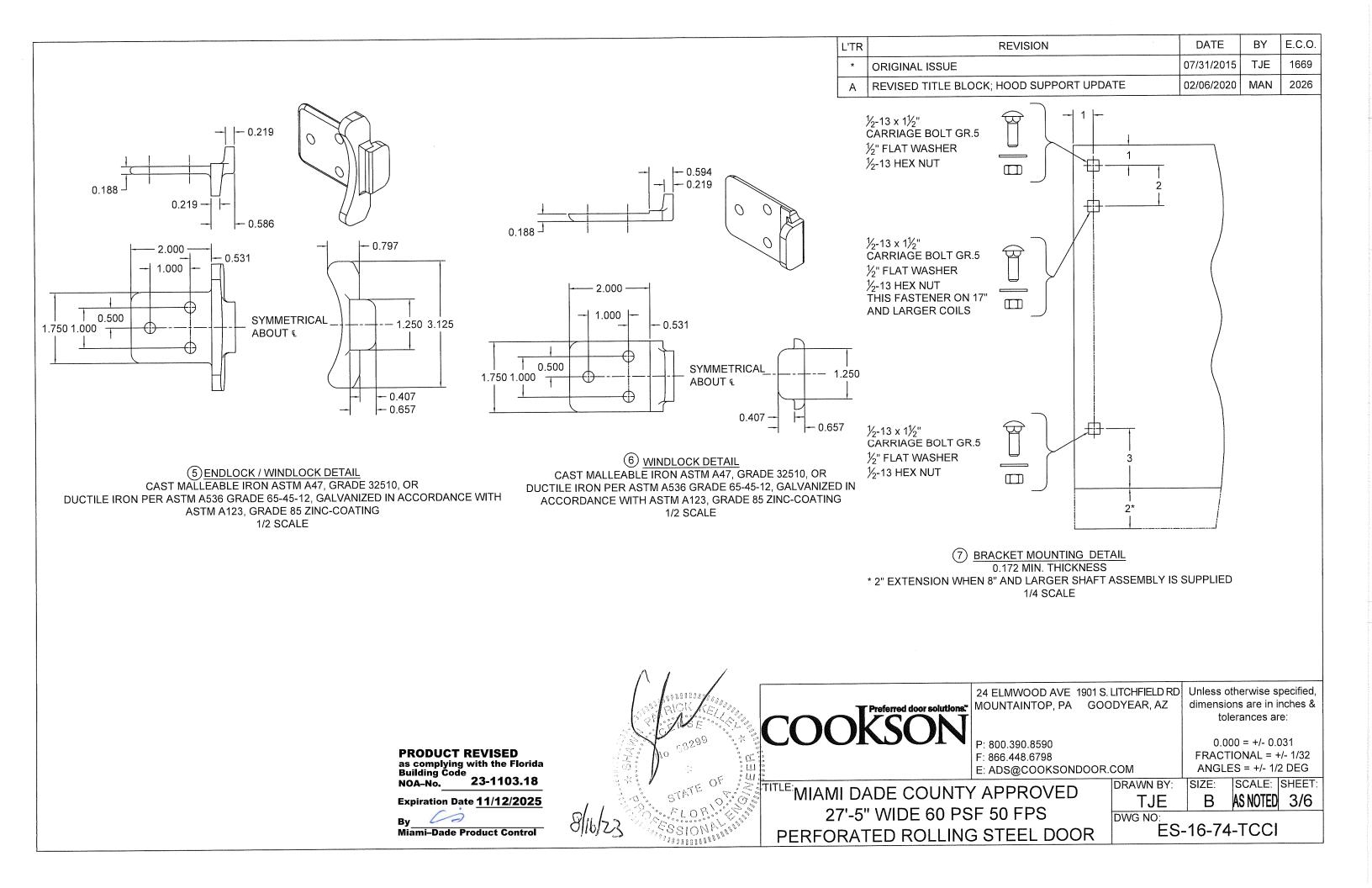
13. ENDLOCK/WINDLOCKS AND WINDLOCKS ARE SECURED TO EACH END OF ALTERNATING SLATS WITH (3) 1/4" RIVETS RESULTING IN CONTINUOUS SLAT

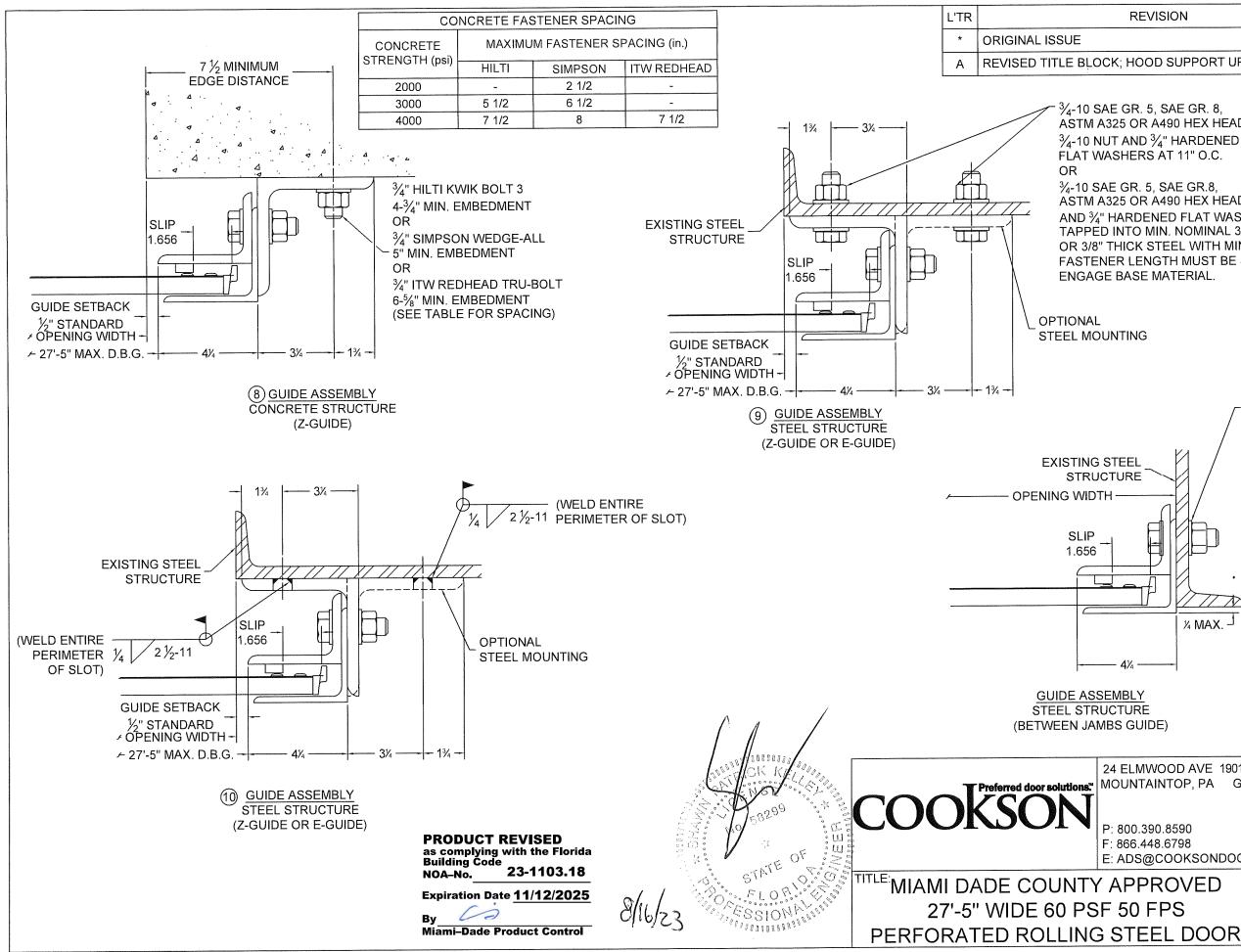
IWOOD AVE 1901 S. LITCHFIELD RD FAINTOP, PA GOODYEAR, AZ		Unless otherwise specified, dimensions are in inches & tolerances are:			
390.8590 448.6798 @COOKSONDOOR.COM		0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG			
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PROVED	DRAWN BY: TJE	SIZE: B	SCALE: SHEET: AS NOTED 2/6
) FPS EEL DOOR	DWG NO: ES-	-16-74	-TCCI

EVISION	DATE	BY	E.C.O.
	07/31/2015	TJE	1669
OD SUPPORT UPDATE	02/06/2020	MAN	2026





REVISION	DATE	BY	E.C.O.
	07/31/2015	TJE	1669
OOD SUPPORT UPDATE	02/06/2020	MAN	2026

ASTM A325 OR A490 HEX HEAD BOLT, 3/4-10 NUT AND 3/4" HARDENED

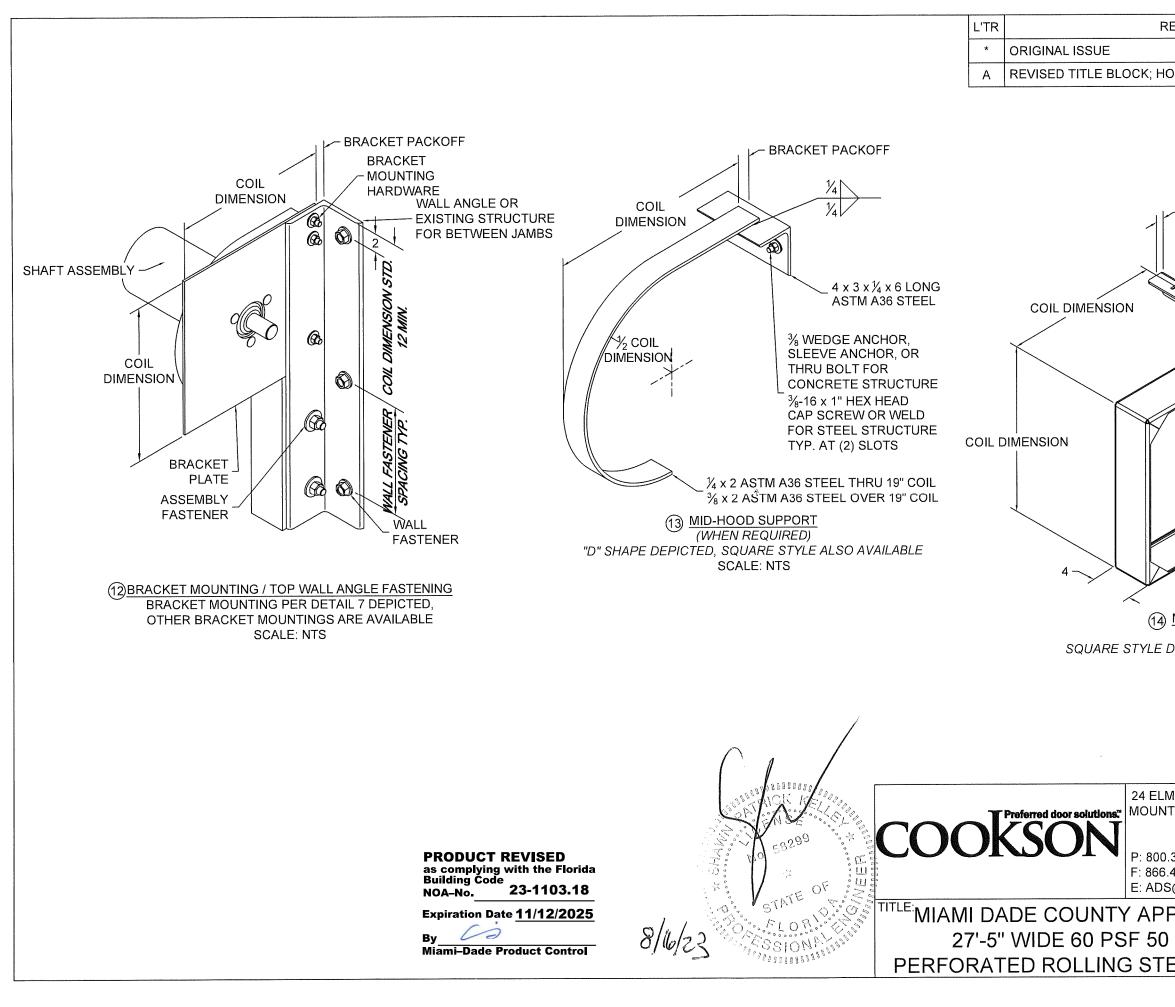
ASTM A325 OR A490 HEX HEAD BOLT AND 3/4" HARDENED FLAT WASHERS AT 11" O.C. TAPPED INTO MIN, NOMINAL 3/8" THICK HSS OR 3/8" THICK STEEL WITH MIN. 36,000 YIELD STRENGTH FASTENER LENGTH MUST BE SUFFICIENT TO FULLY

³⁄₄-10 SAE GR. 5, SAE GR. 8, ASTM A325, OR ASTM A490 HEX HEAD BOLT, $\frac{3}{4}$ -10 NUT AND $\frac{3}{4}$ " HARDENED FLAT WASHERS AT 15" O.C. OR 3/4-10 SAE GR. 5, 3/4-10 SAE GR. 8,

ASTM A325 OR A490 HEX HEAD BOLT AND ³/₄" HARDENED FLAT WASHERS AT 15" O.C. TAPPED INTO MIN. NOMINAL 3/8" THICK HSS OR 3/8" THICK STEEL WITH MIN. 36,000 PSI YIELD STRENGTH. FASTENER LENGTH MUST BE SUFFICIENT TO FULLY ENGAGE BASE MATERIAL.

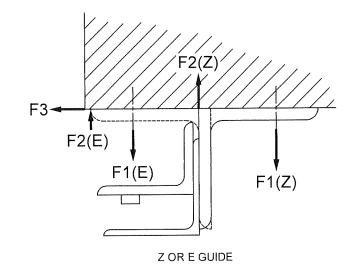
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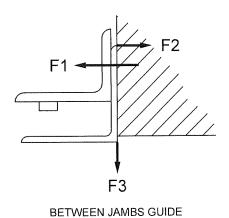
24 ELMWOOD AVE 1901 S. LITCHFIELD RD Unless otherwise specified, Preferred door solutions." | MOUNTAINTOP, PA GOODYEAR, AZ dimensions are in inches & tolerances are: P: 800.390.8590 0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG E: ADS@COOKSONDOOR.COM SIZE: SCALE: SHEET DRAWN BY: AS NOTED 4/6 B TJE DWG NO: ES-16-74-TCC



REVISION	DATE	BY	E.C.O.		
	07/31/2015	TJE	1669		
OOD SUPPORT UPDATE	02/06/2020	MAN	2026		
BRACKET PACKOFF #14 SELF TAPPING HEX HEAD CAP SCREW 2 ¹ / ₄ x 2 x 7GA X 26 LONG ASTM A1011 STEEL % WEDGE ANCHOR, OR THRU BOLT FOR CONCRETE STRUCTURE %-16 x 1" HEX HEAD					
CAP SCREW OR WELD FOR STEEL STRUCTURE TYP. AT MINIMUM 2X DRILLED HOLES -11GA ASTM A1011 STEEL					
) <u>MID-HOOD SUPPORT</u> <i>(WHEN REQUIRED)</i> <i>DEPICTED, "D" SHAPE ALSO AVAILABLE</i> SCALE: NTS					
MWOOD AVE 1901 S. LITCHFIELD RD ITAINTOP, PA GOODYEAR, AZ	dimensions		nches &		
0.390.8590 6.448.6798 S@COOKSONDOOR.COM	0.000 FRACTIO ANGLES		/- 1/32		
	1		SHEET:		
	B AS	S NOTED	5/6		
) FPS DWG NO:	^ -16-74- ⁻				

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*	ORIGINAL ISSUE
А	REVISED TITLE BLOCK; HOC





UNREDUCED WIND FORCES ON BUILDING STRUCTURE (LBS / FOOT						
BUILL	JING 2			LDO/F		
		OF HE	IGHI)			
		Z-Gl	JIDE			
F	POSITIVE		N	IEGATIV	Ξ	
F1	F2	F3	F1	F2	F3	
2870	2039	3291	4945	5776	3291	
		E-Gl	JIDE			
F	OSITIVE		Ν	IEGATIV	Ξ	
F1	F2	F3	F1 F2 F3			
7467	6636	3291	7048	7879	3291	
BETWEEN JAMBS GUIDE						
F	POSITIVE	Ē	N	IEGATIVI	Ε	
F1	F2	F3	F1	F2	F3	
6421	3130	831	14728	11437	831	
BUILDING DESIGNER NOTE: STRUCTURE MUST BE DESIGNED TO SUPPORT F1, F2, AND F3 FORCES (LBS./FT. OF OPENING HEIGHT) AT EACH JAMB.						

NOTES ON OPEN AREA OF PERFORATED DOORS:

1. THE PERCENTAGE OPEN AREA OF A PERFORATED SLAT IS 48% 2. IF A DOOR IS PROVIDED WITH A MIXTURE OF PERFORATED AND SOLID SLATS, USE THE FOLLOWING EQUATION TO DETERMINE THE NET PERCENTAGE OPEN AREA OF THE DOOR.

(# OF PERFORATED SLATS / TOTAL NUMBER OF SLATS) * 48% WHERE

TOTAL NUMBER OF SLATS = OPENING HEIGHT / 2.77. OPENING HEIGHT IS TO BE IN INCHES AND THE TOTAL NUMBER OF SLAT IS TO BE ROUNDED UP TO THE NEAREST WHOLE NUMBER. 3. THE ENCLOSURE CLASSIFICATION OF THE BUILDING SHALL BE EVALUATED CONSIDERING THE PERCENTAGE OPEN AREA OF THE PERFORATED DOOR USING THE APPLICABLE BUILDING CODE.

PRODUCT REVISED as complying with the Florida Building Code NOA–No. 23-1103.18 Expiration Date <u>11/12/2025</u> 00 By Miami-Dade Product Control





27'-5" WIDE 60 PSF 50 PERFORATED ROLLING STI

EVISION		DATE	BY	E.C.O.
		07/31/2015	TJE	1669
DOD SUPPORT UPDATE		02/06/2020	MAN	2026
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TAINTOP, PA GOODYE		dimensions	s are in ir	nches &
		tolera	ances ar	e:
.390.8590			= +/- 0.0	
.448.6798 S@COOKSONDOOR.COM	Л	FRACTIO ANGLES		1
-	AWN BY:	SIZE: S	CALE:	SHEET:
	TJE	BA	S NOTED	6/6
		-16-74-	TCCI	
EEL DOOR	C.3-	10-74-		