



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

**Best Rolling Doors, Inc.**  
9780 NW 79th Avenue  
Hialeah Gardens, FL 33016

### 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: Models S10-6065, S10-6565, and S10-100 Steel Roll-up Door up to 30'-4½" Wide**

**APPROVAL DOCUMENT:** Drawing No. 17-4669, titled "Steel Roll-Up Doors", sheets 1 through 6 of 6, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 02/08/2018 bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and the 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, 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 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.

**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 #17-1031.08 and consists of this page 1 and evidence submitted pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

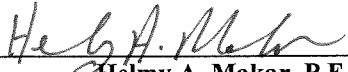


*Helmy A. Makar*  
06/06/2019

NOA No. 19-0311.03  
Expiration Date: 11/20/2023  
Approval Date: 06/06/2019  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS “Submitted under NOA # 13-0905.07”**
1. Drawing No. **6065\_2008\_01**, titled “Rolling Steel Door”, sheets 1 through 4 of 4, dated 08/26/2013, prepared by Joseph H. Dixon, Jr., P.E., Product Design Consultant, signed and sealed by Joseph H. Dixon, Jr., P.E.
- B. TESTS “Submitted under NOA # 06-0808.09”**
1. Test report on Uniform Static Air Pressure per TAS 202, Large Missile Impact Test per TAS 201 and Cyclic Wind Pressure Test per TAS 203 of Series Roll up Door prepared by Fenestration Testing Laboratory, Inc. Report # **4845**, dated 04/21/2006, signed and sealed by Edmundo Largaespada, P.E.
- C. CALCULATIONS “Submitted under NOA # 09-0105.06”**
1. Calculations for attachment of angle guides to steel or concrete jamb, prepared by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 03/01/2008, signed and sealed by J. H. Dixon, Jr., P.E.
  2. Calculations for attachment of C-channel guide to steel or concrete jamb, prepared by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 03/01/2008, signed and sealed by J. H. Dixon Jr., P.E.
- D. QUALITY ASSURANCE**
1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. MATERIAL CERTIFICATIONS “Submitted under NOA # 06-0808.09”**
1. Test Report on Tensile Test prepared by Fenestration Testing Laboratory, Inc., dated 05/16/2006, signed and sealed by Edmundo Largaespada, P.E.
- F. STATEMENTS**
1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 10/07/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.
  2. **“Submitted under NOA # 09-0105.06”**  
Statement letter of no financial interest issued by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 11/15/2008, signed and sealed by Joseph H. Dixon, Jr., P.E.

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 19-0311.03  
Expiration Date: 11/20/2023  
Approval Date: 06/06/2019

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #17-1031.09**

**A. DRAWINGS**

1. *Drawing No. 17-4669a, titled "Steel Roll-Up Doors", sheets 1 through 4 of 4, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 10/24/2017.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 10/24/2017.*

**NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 17-4669, titled "Steel Roll-Up Doors", sheets 1 through 6 of 6, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 02/08/2018.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

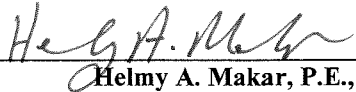
1. *By Miami-Dade Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

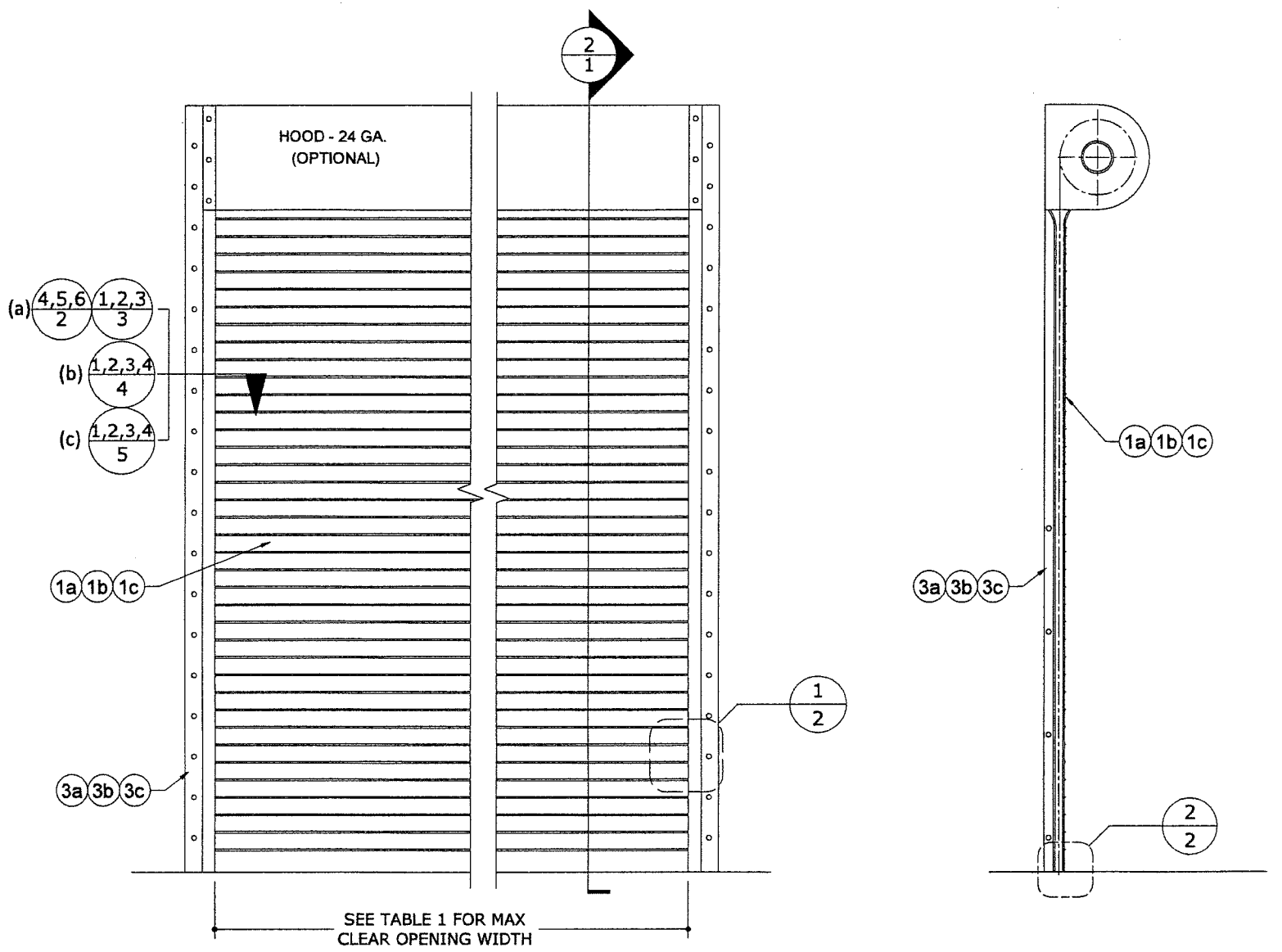
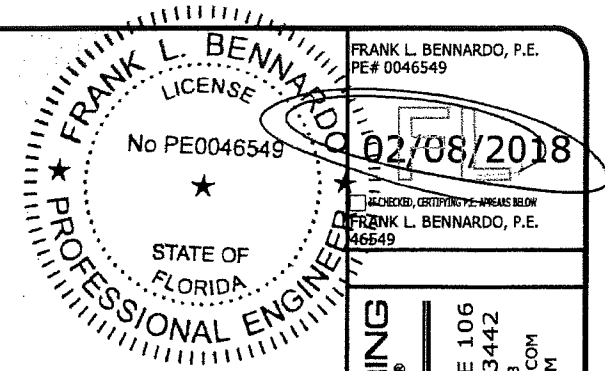
**F. STATEMENTS**

1. *Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 10/24/2017.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 19-0311.03  
Expiration Date: 11/20/2023  
Approval Date: 06/06/2019

# STEEL ROLL-UP DOORS

MODELS S10-6065, S10-6565 & S10-100



**1**  
STEEL ROLL-UP DOOR (ALL MODELS)  
SCALE: NTS ELEVATION

**2**  
STEEL ROLL-UP DOOR (ALL MODELS)  
SCALE: NTS SIDE SECTION

TABLE 1: MAXIMUM ALLOWABLE PRESSURE AND CLEAR OPENING WIDTH

MODEL #	MAXIMUM CLEAR OPENING WIDTH	MAXIMUM ALLOWABLE PRESSURE
(a) S10-6065	24'-1 1/2"	+60psf / -65psf
(b) S10-6565	30'-4 1/2"	+65psf / -65psf
(c) S10-100	30'-4 1/2"	+100psf / -100psf

## GENERAL NOTES:

- THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SIXTH EDITION (2017) FOR USE INSIDE AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201, 202, AND 203 STANDARDS. SEE PRODUCT EVALUATION REPORT FOR MORE INFORMATION.
- POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN (TABLE 1) FOR ANY ASSEMBLY AS SHOWN.
- ALLOWABLE DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. THESE INSTALLATION INSTRUCTIONS ARE PART OF A PRODUCT APPROVAL EVALUATION AND SHALL ONLY BE USED IN CONJUNCTION WITH THE EVALUATION REPORT SUBMITTED FOR THE SAME PRODUCT APPROVAL.
- SLATS TO BE A.S.T.M. A-653 GR 50 STRUCTURAL QUALITY STEEL WITH MIN. Fy = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.I.S.I. 304 SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD STRENGTH OF Fy = 50 KSI.
- WINDLOCKS SHALL BE 11 GA PLATED STEEL, A.S.T.M. A-1011
- ALL ASSEMBLY BOLTS TO BE S.A.E. GRADE 2 CADMIUM PLATED OR GALVANIZED STEEL.
- ALL RIVETS TO BE A.I.S.I. 1035 STEEL, CADMIUM PLATED, STAINLESS STEEL OR ZINC PLATED W/ Fy= 37,000 PSI.
- INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION MANUFACTURED BY DYPLAST PRODUCTS LLC COMPANY, MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE # 16-1129.05 OR LATEST VERSION.
- DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL DOOR IMPACTED ON BOTH SIDES.
- GUIDE DETAILS CAN BE USED IN ANY COMBINATION.
- ROLL-UP MECHANISM AND HOOD ASSEMBLY ARE NOT PART OF THIS APPROVAL.
- THIS DOCUMENT CONTAINS INFORMATION RELEVANT TO THE NECESSARY STRUCTURAL REQUIREMENTS OF THE SYSTEM INSTALLATION. COMPONENTS AND FASTENERS NOT REFERENCED WHICH ARE PART OF THE INTERNAL FABRICATION OF THE SPECIFIED SYSTEMS OR ASSEMBLIES SHALL BE PER MANUFACTURER PUBLISHED SPECIFICATIONS.
- PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS OUTLINED HEREIN.
- EACH DOOR ASSEMBLY SHALL BEAR A PERMANENT LABEL ON FACING THE EXTERIOR WITH THE FOLLOWING MINIMUM INFORMATION:  
  
BEST ROLLING DOORS, INC.  
HIALEAH GARDENS, FL  
MISSILE LEVEL D - TAS 201, 202, & 203  
FLORIDA PRODUCT APPROVAL NUMBER
- CONTRACTOR SHALL BE RESPONSIBLE TO INSULATE DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- WATERPROOFING IS NOT PART OF THIS CERTIFICATION AND SHALL BE CERTIFIED BY OTHERS.

**ENGINEERING EXPRESS**  
CORPORATE OFFICE:  
160 SW 12th AVE, SUITE 106  
DEERFIELD BEACH, FL 33442  
P: (954) 354-0660 F: (954) 354-0443  
E: HELLO@ENGINEERINGEXPRESS.COM  
ENGINEERINGEXPRESS.COM  
CERT OF AUTH #9885

**BEST ROLLING DOORS, INC.**  
9770 N.W. 79TH AVENUE  
HIALEAH GARDENS, FL  
(305) 698-3550  
STEEL ROLL-UP DOORS  
FLORIDA BUILDING CODE  
FLORIDA STATEWIDE APPROVAL FL10706.1

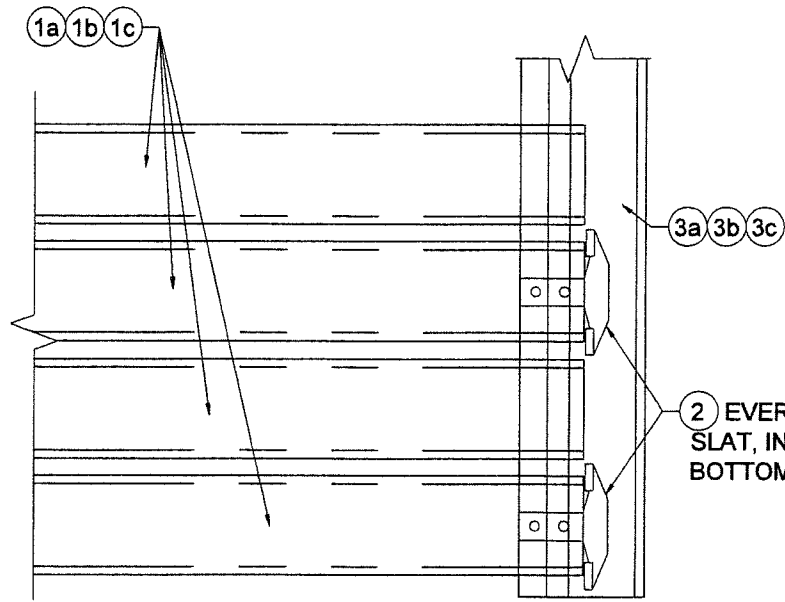
REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RWN	FLB	08/16/17

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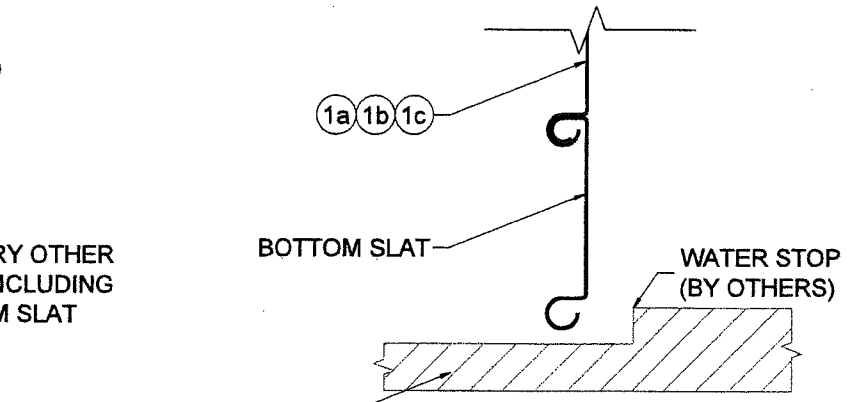
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**17-4669**

SCALE: NTS UNLESS NOTED  
OF  
**1**

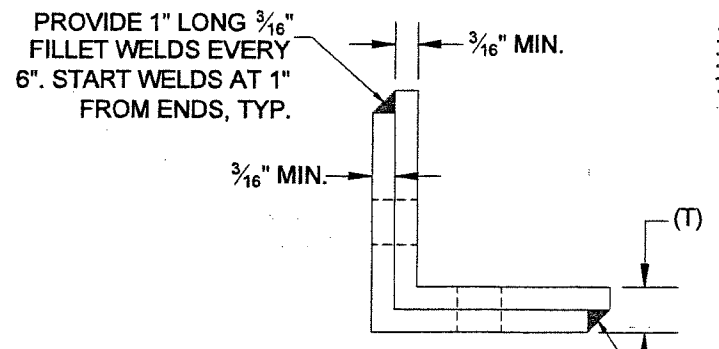
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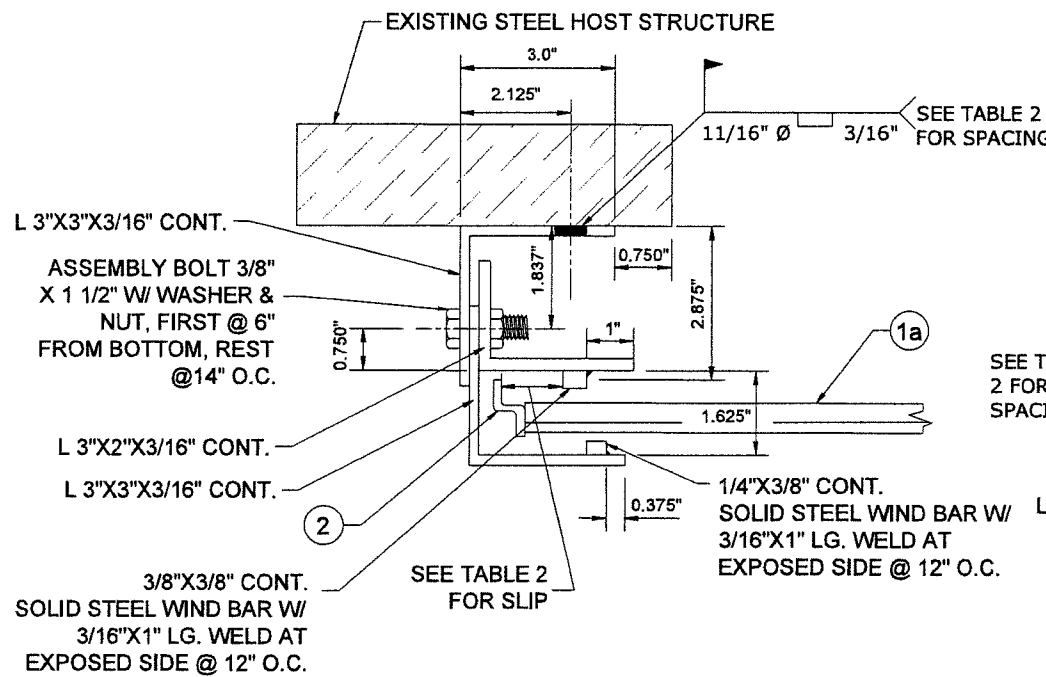
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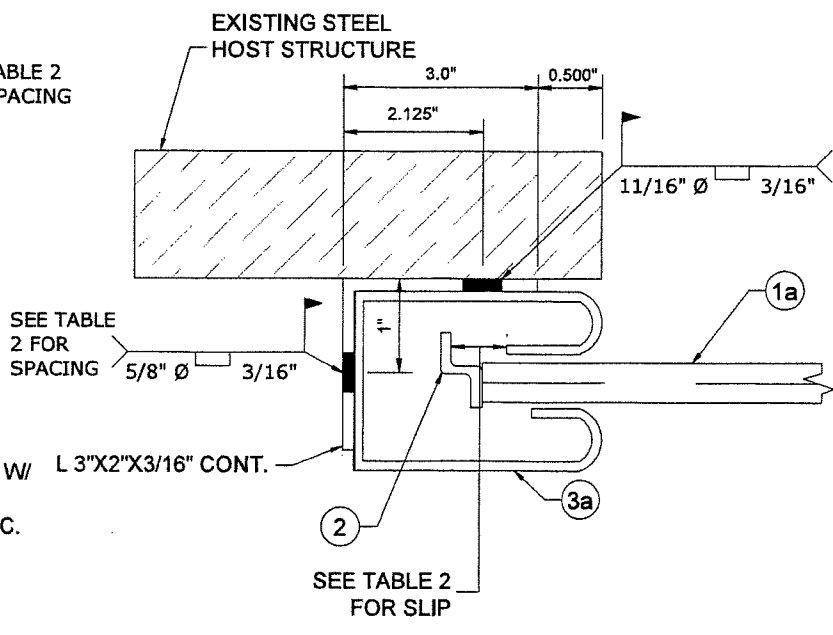
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**2** **SCALE: NTS** **SECTION**

**JAMB CONNECTIONS  
MODEL #S10-6065**

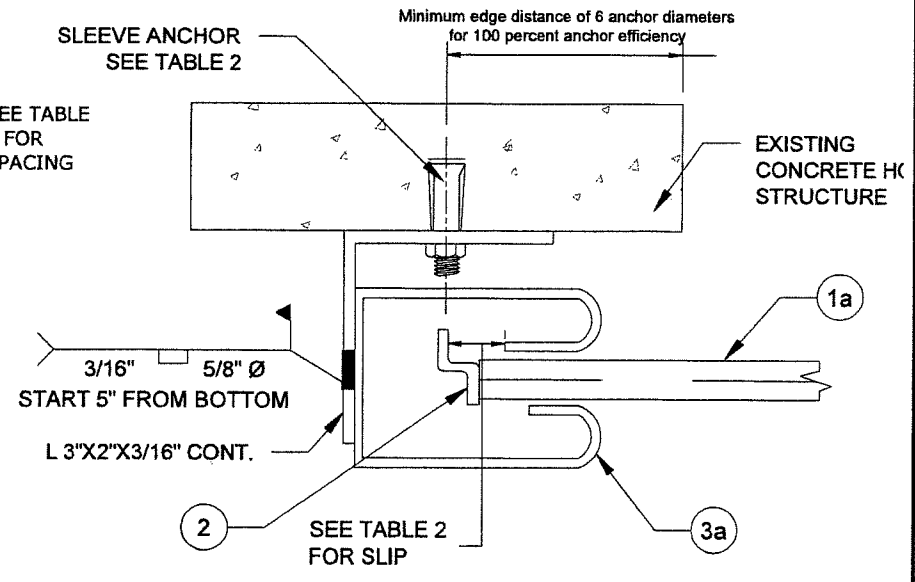
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 19-0311.03  
Expiration Date 11/20/2023  
By Heidi A. Nelson  
Miami Dade Product Control



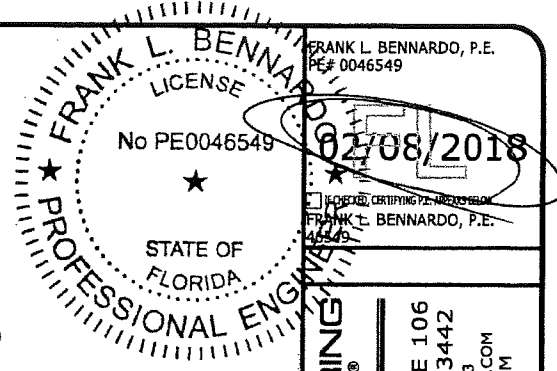
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**2** **SCALE: NTS** **SECTION**



**5**  
**2** **SCALE: NTS** **SECTION**



**6**  
**2** **SCALE: NTS** **SECTION**



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CERT OF AUTH # 9885

**BEST ROLLING DOORS, INC.**  
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(305) 698-3550  
STEEL ROLL-UP DOORS  
FLORIDA BUILDING CODE  
FLORIDA STATEWIDE APPROVAL FL10706.1

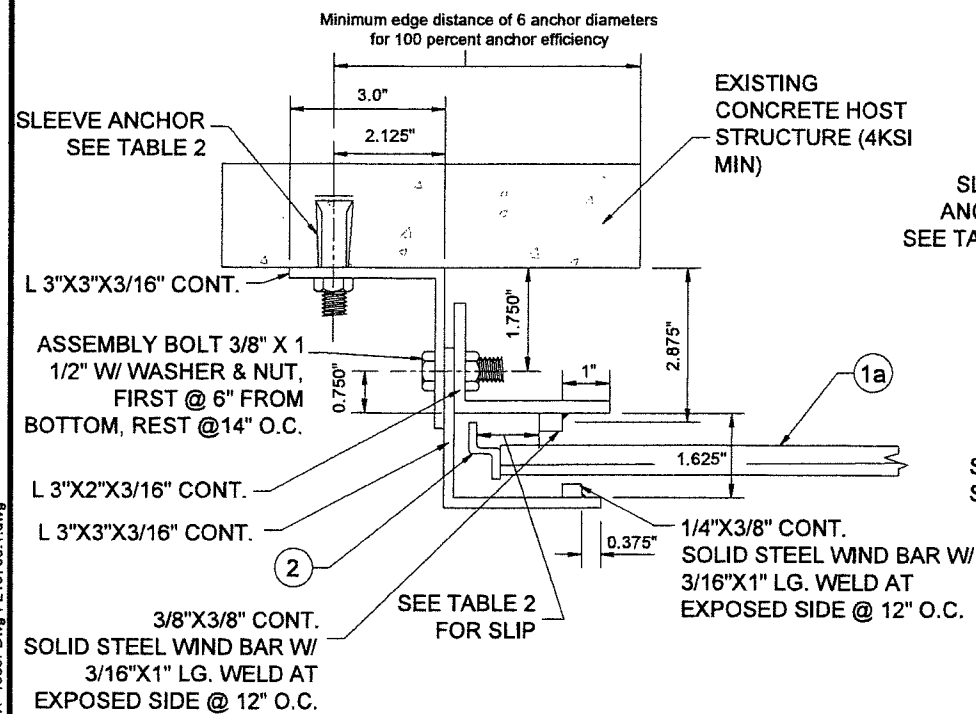
REMARKS	INITIALS	DATE
		08/16/17

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17-4669  
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2

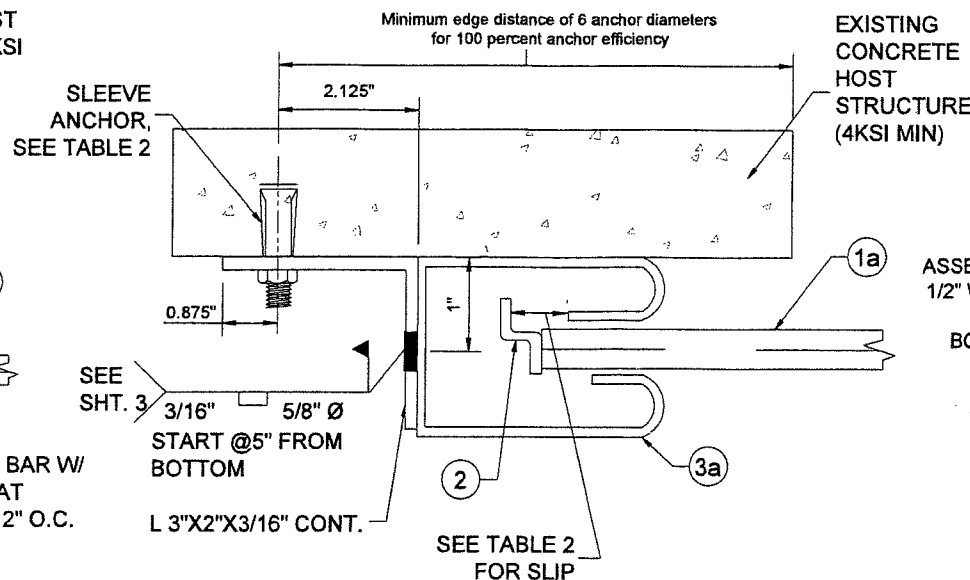
# JAMB CONNECTIONS MODEL #S10-6065 CONT'D

FRANK L. BENNARDO, P.E.  
PE# 0046549  
No PE 0046549 / 08/2018  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER



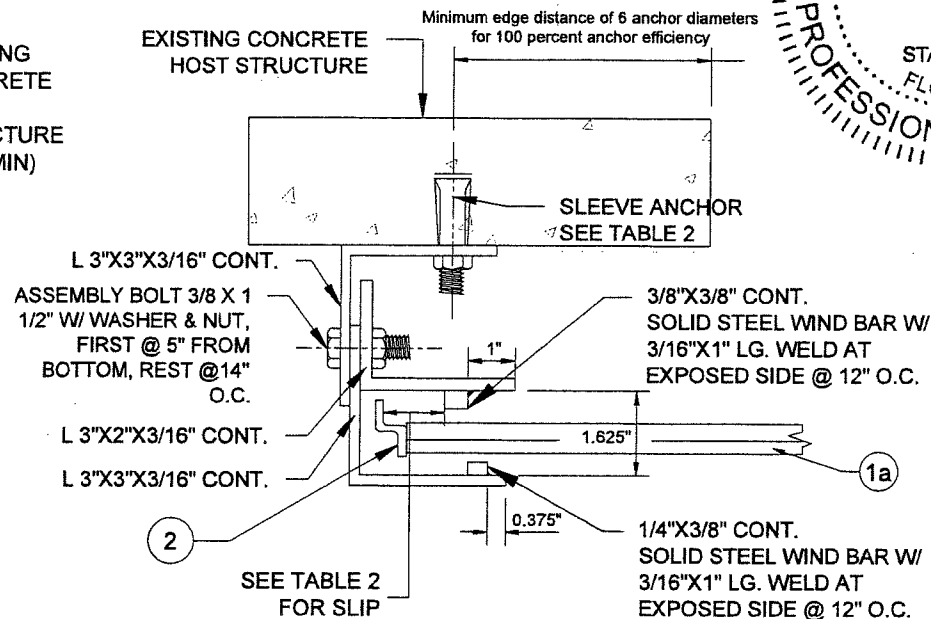
**1** ANGLE JAMB TO CONCRETE 1  
(MODEL S10-6065)

SCALE: NTS SECTION



**2** CHANNEL JAMB TO CONCRETE 2  
(MODEL S10-6065)

SCALE: NTS SECTION



**3** ANGLE JAMB TO CONCRETE 2  
(MODEL S10-6065)

SCALE: NTS SECTION

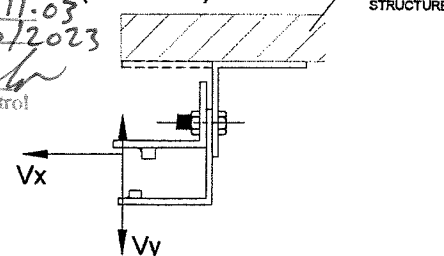
TABLE 2: MODEL #S10-6065 JAMB CONNECTIONS

DOOR OPENING WIDTH	SLIP EACH END	ASSEMBLY CARRIAGE BOLT	ANCHORS TO CONCRETE JAMB		FIELD WELD TO STEEL JAMB		
			ANGLE GUIDE	CHANNEL GUIDE	ANGLE GUIDE	CHANNEL GUIDE	
			HILTI KWIK BOLT 3 OR DYNABOLT SLEEVE ANCHOR*	HILTI KWIK BOLT 3 OR DYNABOLT SLEEVE ANCHOR*	PLUG WELD WALL ANGLE TO JAMB	PLUG WELD WALL ANGLE TO JAMB	PLUG WELD CHANNEL TO WALL ANGLE
dia. x embedment x spacing	dia. x embedment x spacing						
24' 1-1/2"	1.00"	1/2"-13x1-1/2" @14" o.c.	3/4" x 6-1/2" @4-3/4" o.c.	3/4" x 6-1/2" @10" o.c.	11/16" dia. x 3/16" @5-1/2" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @4" o.c.
20'-0"	1.00"	1/2"-13x1-1/2" @14" o.c.	3/4" x 6-1/2" @8" o.c.	3/4" x 6-1/2" @13" o.c.	11/16" dia. x 3/16" @7-1/2" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @5" o.c.
16'-0"	1.00"	1/2"-13x1-1/2" @14" o.c.	3/4" x 6-1/2" @13" o.c.	3/4" x 4-3/4" @14" o.c. or 5/8" x 4" @13" o.c.	11/16" dia. x 3/16" @11" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @7" o.c.
14'-0"	1.00"	1/2"-13x1-1/2" @14" o.c.	3/4" x 4-3/4" @14" o.c. or 5/8" x 5-1/2" @12" o.c.	3/4" x 3-1/4" @14" o.c. or 5/8" x 4" @14" o.c.	11/16" dia. x 3/16" @14" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @8-1/2" o.c.
12'-0"	0.50"	1/2"-13x1-1/2" @14" o.c.	3/4" x 3-1/4" @8-1/2" o.c. or 5/8" x 5-1/2" @11" o.c.	3/4" x 3-1/4" @14" o.c. or 5/8" x 5-1/2" @14" o.c.	11/16" dia. x 3/16" @13" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @9" o.c.
10'-0"	0.50"	1/2"-13x1-1/2" @14" o.c.	3/4" x 3-1/4" @14" o.c. or 5/8" x 5-1/2" @14" o.c.	3/4" x 3-1/4" @14" o.c. or 5/8" x 5-1/2" @14" o.c.	11/16" dia. x 3/16" @14" o.c.	11/16" dia. x 3/16" @14" o.c.	5/8" x 3/16" @13" o.c.

\* FIRST AND LAST ANCHOR SHALL BE 7" MAXIMUM FROM END OF ANGLE

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 19-0311-03 Expiration Date 11/29/2023 By *Heidi A. Weber* Miami Design Product Control

LOAD DIAGRAM (ANGLES)



LOAD DIAGRAM (CHANNEL)

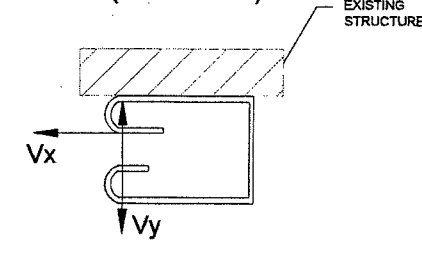


TABLE 3: MODEL #S10-6065 JAMB REACTIONS

DOOR OPENING WIDTH	SLIP EACH END	C CHANNEL OR ANGLE GUIDES			
		POSITIVE WIND		NEGATIVE WIND	
		Vx plf	Vy plf	Vx plf	Vy plf
24' 1-1/2"	1.00"	3486	727	3784	787
20'-0"	1.00"	2574	602	2799	653
16'-0"	1.00"	1738	482	1900	523
14'-0"	1.00"	1329	422	1461	457
12'-0"	0.50"	1434	363	1582	393
10'-0"	0.50"	858	302	971	327

BEST ROLLING DOORS, INC.

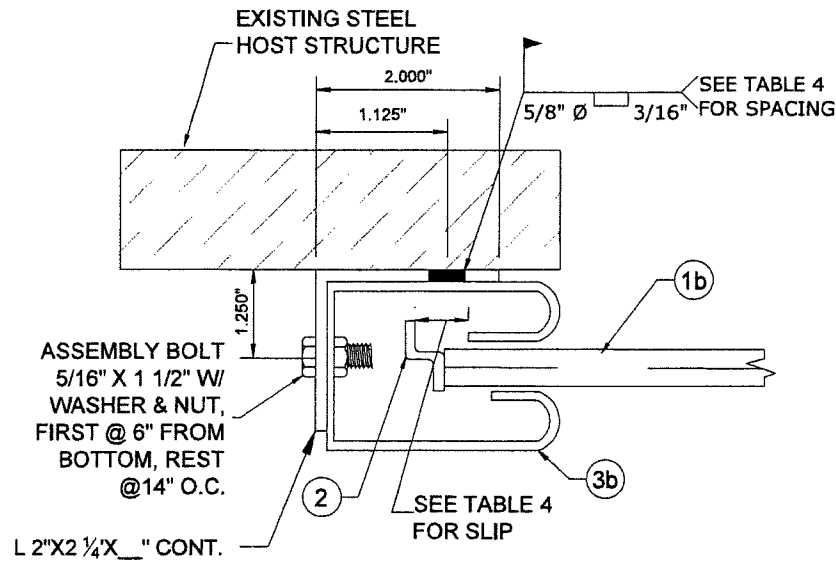
9770 N.W. 79TH AVENUE  
HIALEAH GARDENS, FL  
(305) 698-3550

STEEL ROLL-UP DOORS  
FLORIDA BUILDING CODE  
FLORIDA STATEWIDE APPROVAL FL10706.1

DATE	08/16/17
DRWN	CHDK
FLB	
FWN	
INIT	
ISSUE	

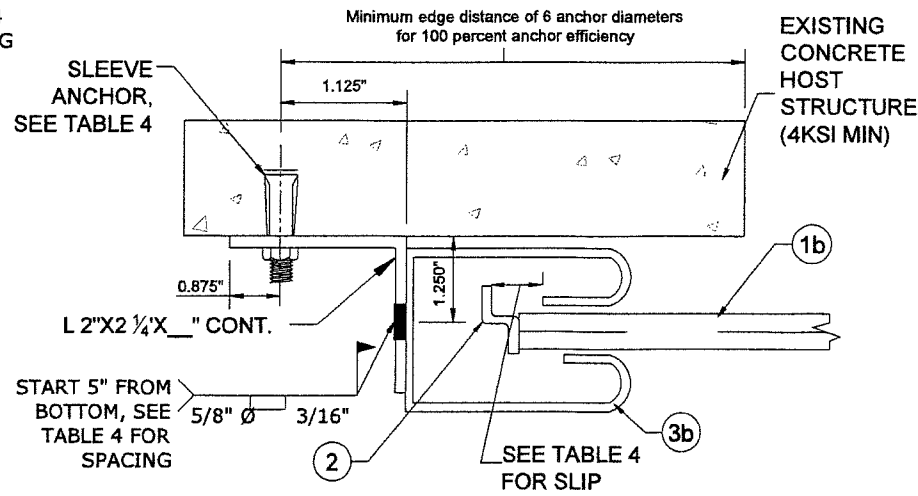
17-4669  
SCALE: NTS UNLESS NOTED

# JAMB CONNECTIONS MODEL #S10-6565



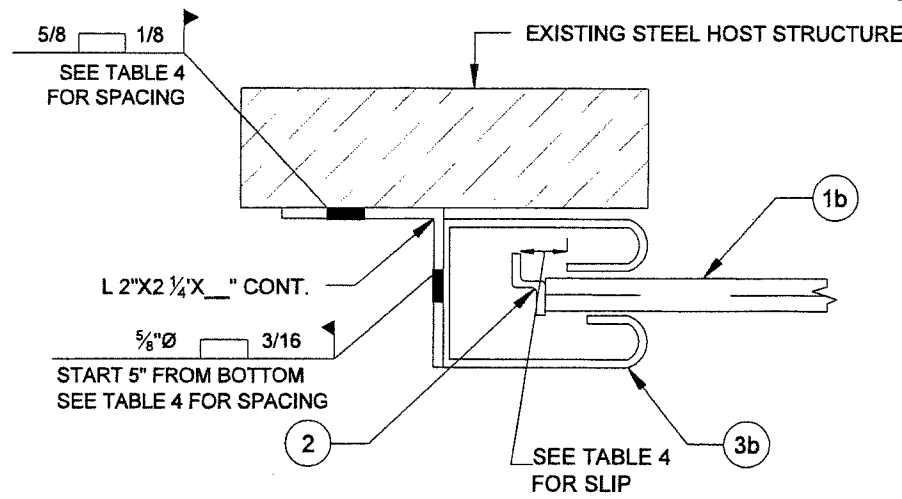
**1**  
**CHANNEL JAMB TO STEEL 1  
(MODEL S10-6565)**

SCALE: NTS SECTION



**2**  
**CHANNEL JAMB TO CONCRETE  
(MODEL S10-6565)**

SCALE: NTS SECTION



**3**  
**CHANNEL JAMB TO STEEL 2  
(MODEL S10-6565)**

SCALE: NTS SECTION

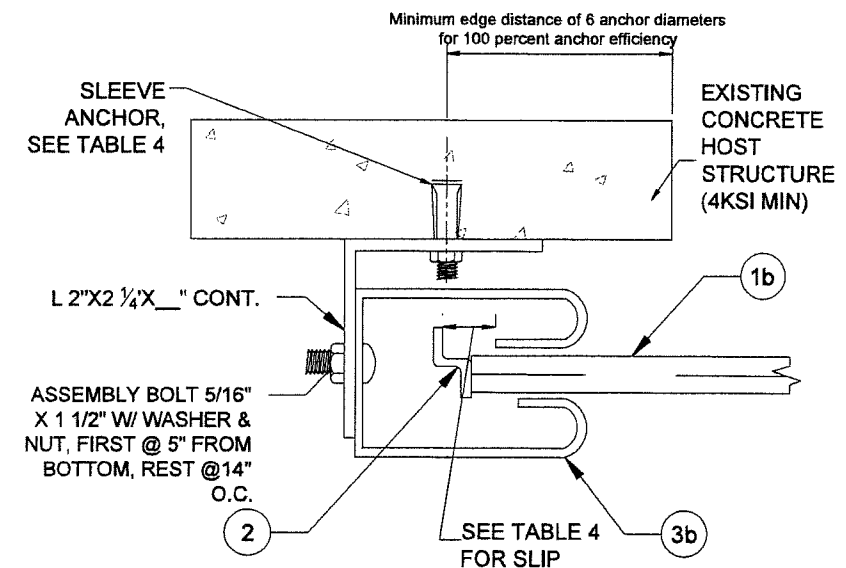
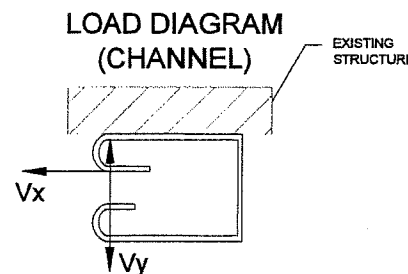
**TABLE 4: MODEL #S10-6565 JAMB CONNECTIONS**

DOOR OPENING WIDTH	SLIP EACH END	ANCHORS TO CONCRETE JAMB fc = 4000 psi		FIELD WELD TO STEEL JAMB Based on a minimum wall angle thickness: 3/16"		WALL ANGLE THICKNESS Gr50 Fy = 50 ksi, see detail 3/2 for angle stacking options	
		WALL ANGLE TO JAMB		CHANNEL GUIDE		CHANNEL GUIDE	
		HILTI Kwik Bolt 3 or Dynabolt Sleeve Anchor *		PLUG WELD WALL ANGLE TO JAMB	PLUG WELD CHANNEL TO WALL ANGLE	E-GUIDE STEEL JAMB	Z-GUIDE CONCRETE JAMB
		dia. x embedment x spacing					
30'- 4-1/2"	1.50	5/8" x 4" @ 6-1/2" o.c.	5/8" dia. x 3/16" @ 6-1/2" o.c.	5/8" dia. x 3/16" @ 10" o.c.	3/8"	3/8"	
25'- 0"	1.50	5/8" x 4" @ 9-1/2" o.c.	5/8" dia. x 3/16" @ 8" o.c.	5/8" dia. x 3/16" @ 12" o.c.	5/16"	5/16"	
20'- 0"	1.50	5/8" x 4" @ 13-1/2" o.c.	5/8" dia. x 3/16" @ 12" o.c.	5/8" dia. x 3/16" @ 14" o.c.	1/4"	1/4"	
16'- 0"	1.00	5/8" x 4" @ 16" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	1/4"	1/4"	
14'- 0"	0.75	5/8" x 4" @ 16" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"	
12'- 0"	0.50	5/8" x 4" @ 16" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"	
8'- 0"	0.25	5/8" x 4" @ 16" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"	
4'- 0"	0.50	5/8" x 4" @ 16" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"	

\* FIRST AND LAST ANCHOR SHALL BE 7" MAXIMUM FROM END OF ANGLE

**TABLE 5: MODEL #S10-6565 JAMB REACTIONS**

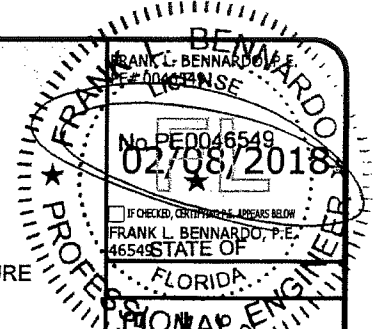
Design Wind Load (psf)	Opening Width	Design Slip	Vx (lb/ft)	Vy (lb/ft)
+50 / -50	12'-0"	1/2"	1213	302
	16'-0"	1"	1459	402
	20'-0"	1 1/2"	1739	502
	25'-0"	1 1/2"	2501	627
+55 / -55	30'- 4 1/2"	1 1/2"	3389	761
	12'-0"	1/2"	1362	332
	16'-0"	1"	1620	442
	20'-0"	1 1/2"	1923	552
+60 / -60	25'-0"	1 1/2"	2758	690
	30'- 4 1/2"	1 1/2"	3732	838
	12'-0"	1/2"	1510	362
	16'-0"	1"	1782	483
+65 / -65	20'-0"	1 1/2"	2106	603
	25'-0"	1 1/2"	3014	752
	30'- 4 1/2"	1 1/2"	4075	914
	12'-0"	1/2"	1659	393
	16'-0"	1"	1943	523
	20'-0"	1 1/2"	2290	653
	25'-0"	1 1/2"	3271	815
	30'- 4 1/2"	1 1/2"	4418	990



**4**  
**CHANNEL JAMB TO CONCRETE 2  
(MODEL S10-6565)**

SCALE: NTS SECTION

PRODUCT REVISED  
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Acceptance No 19-0311-03  
Expiration Date 11/20/2023  
By *Heidi A. Miller*  
Miami Dade Product Control



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(305) 698-3550

STEEL ROLL-UP DOORS  
FLORIDA BUILDING CODE  
FLORIDA STATEWIDE APPROVAL FL10706.1

DRWN	CHKD	DATE
IRWN	FLB	08/16/17

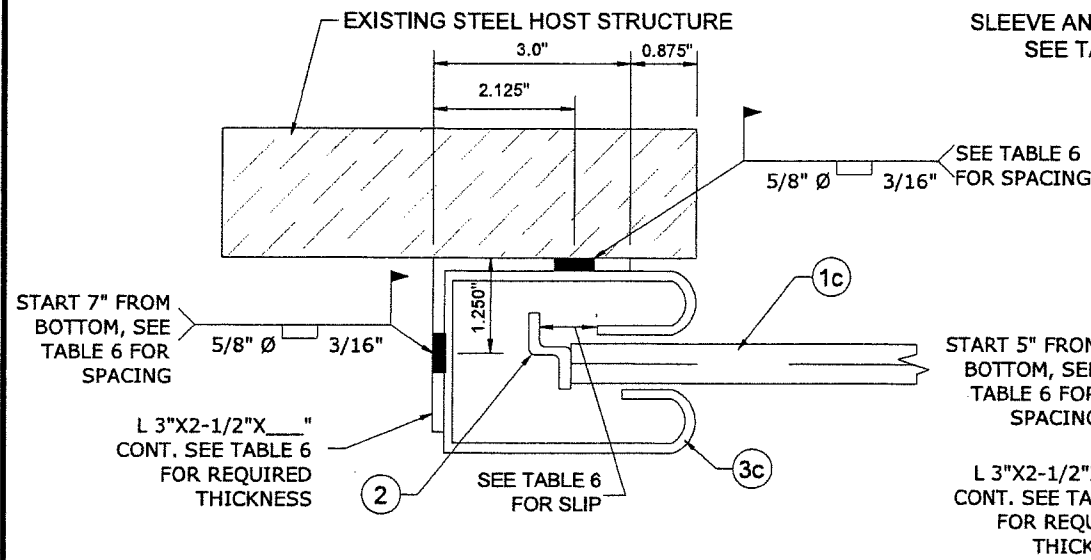
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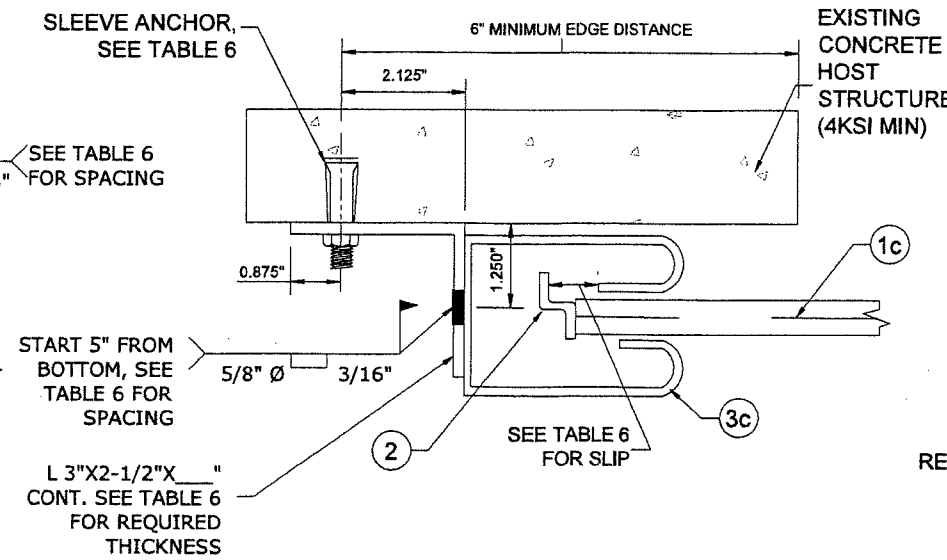
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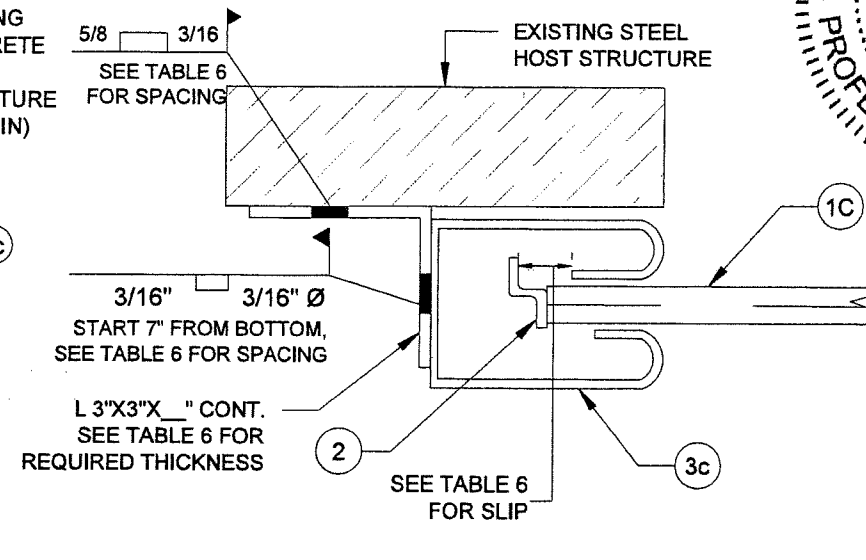
# JAMB CONNECTIONS MODEL #S10-100



**1**  
**CHANNEL JAMB TO STEEL 1 (MODEL S10-100)**  
SCALE: NTS SECTION



**2**  
**CHANNEL JAMB TO CONCRETE 1 (MODEL S10-100)**  
SCALE: NTS SECTION

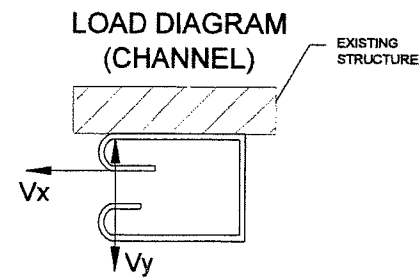


**3**  
**CHANNEL JAMB TO STEEL 2 (MODEL S10-100)**  
SCALE: NTS SECTION

**TABLE 6: MODEL #S10-100 JAMB CONNECTIONS**

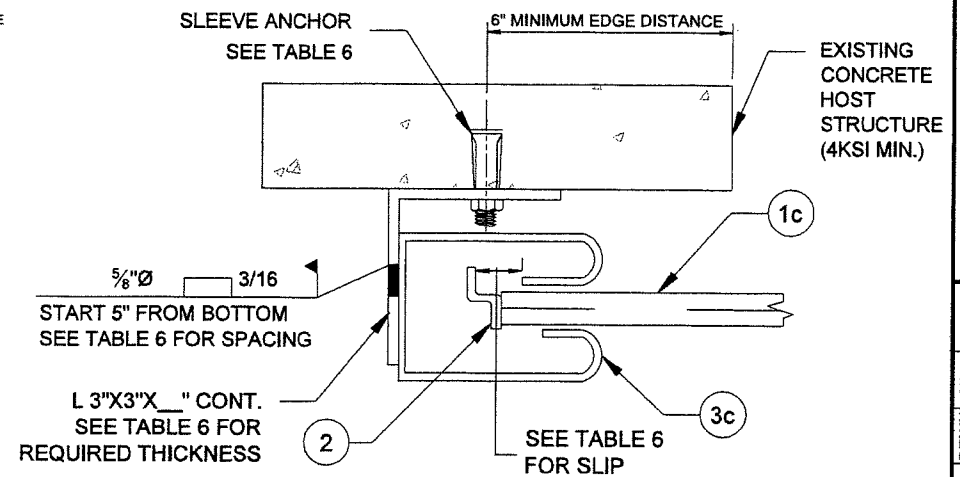
DOOR OPENING WIDTH	SLIP EACH END	ANCHORS TO CONCRETE JAMB fc= 4000 psi		FIELD WELD TO STEEL JAMB		WALL ANGLE THICKNESS Gr50 Fy = 50 ksi, see detail 3/2 for angle stacking options	
		WALL ANGLE TO JAMB		CHANNEL GUIDE		CHANNEL GUIDE	
		HILTI Kwik Bolt 3 or Dynabolt Sleeve Anchor *		PLUG WELD WALL ANGLE TO JAMB	PLUG WELD CHANNEL TO WALL ANGLE	E-GUIDE STEEL JAM	Z-GUIDE CONCRETE JAM
		dia. x embedment x spacing					
30' 4-1/2"	1.50"	3/4" x 6-1/2" @ 5-1/4" o.c.	5/8" dia. x 3/16" @ 4-3/4" o.c.	5/8" dia. x 3/16" @ 7" o.c.	1/2"	1/2"	
25'-0"	1.50"	3/4" x 6-1/2" @ 7" o.c.	5/8" dia. x 3/16" @ 6-1/4" o.c.	5/8" dia. x 3/16" @ 9-1/4" o.c.	7/16"	7/16"	
20'-0"	1.50"	3/4" x 6-1/2" @ 10-1/2" o.c.	5/8" dia. x 3/16" @ 9" o.c.	5/8" dia. x 3/16" @ 12" o.c.	3/8"	3/8"	
15'-0"	1.00"	3/4" x 6-1/2" @ 14" o.c.	5/8" dia. x 3/16" @ 12" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/16"	5/16"	

\* FIRST AND LAST ANCHOR SHALL BE 7" MAXIMUM FROM END OF ANGLE



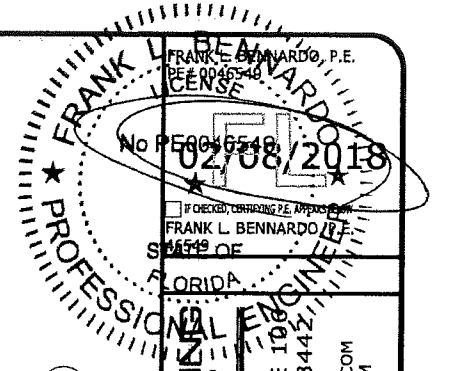
**TABLE 7: MODEL #S10-100 JAMB REACTIONS**

DOOR OPENING WIDTH	Vx (+ or -) lb / ft	Vy (+ or -) lb / ft
30' 4-1/2"	6799	1523
25'-0"	5035	1254
20'-0"	3528	1004
15'-0"	2670	754



**4**  
**CHANNEL JAMB TO CONCRETE 2 (MODEL S10-100)**  
SCALE: NTS SECTION

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DRWN	CHKD	DATE
FLB		08/16/17

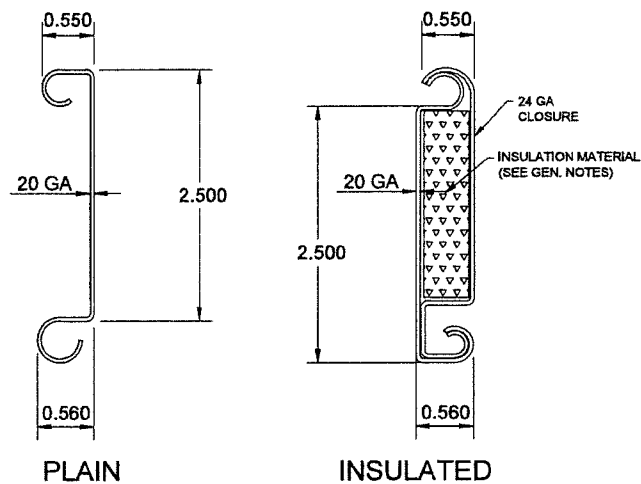
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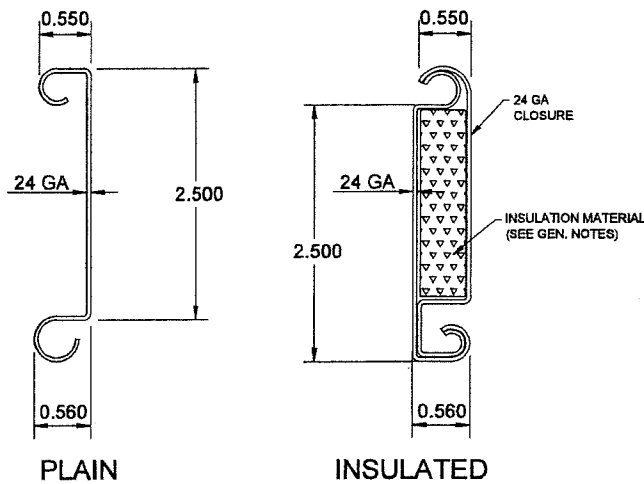
02/08/2018 - 2:26pm rickn V:\Projects\17-4669 Multiple Products - Updates for 2017 Florida Bldg Code\WP2017-FBC Update\FSA Submittal\17-4669-Fwg-FL10706.1.dwg



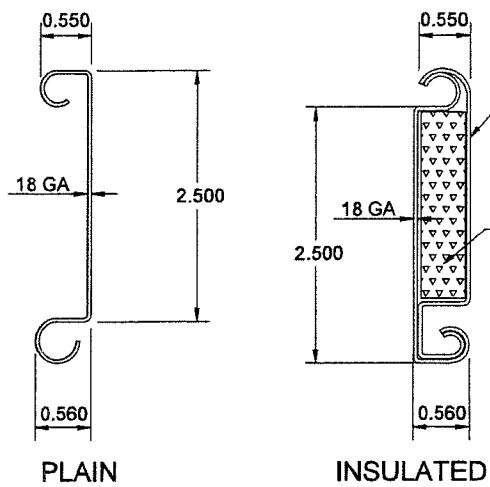
# SYSTEM COMPONENTS ALL MODELS



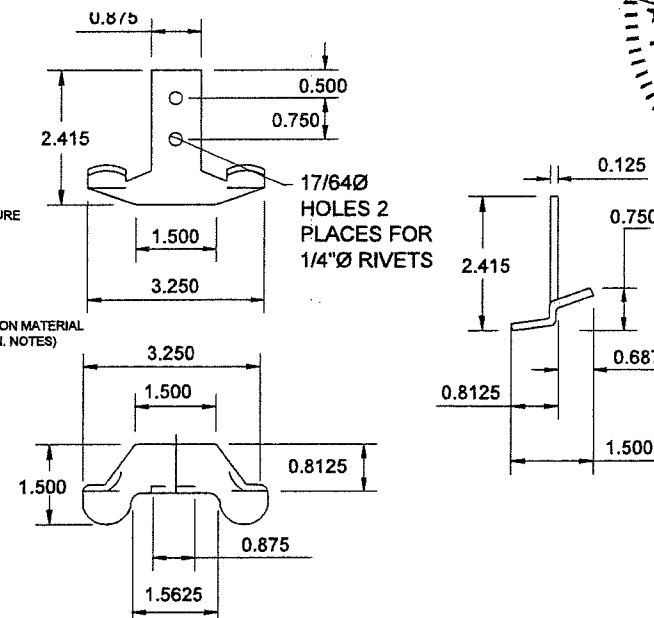
**1a** FLAT SLAT (Model S10-6065)  
SCALE: NTS STEEL\*



**1b** FLAT SLAT (Model S10-6565)  
SCALE: NTS STEEL\*



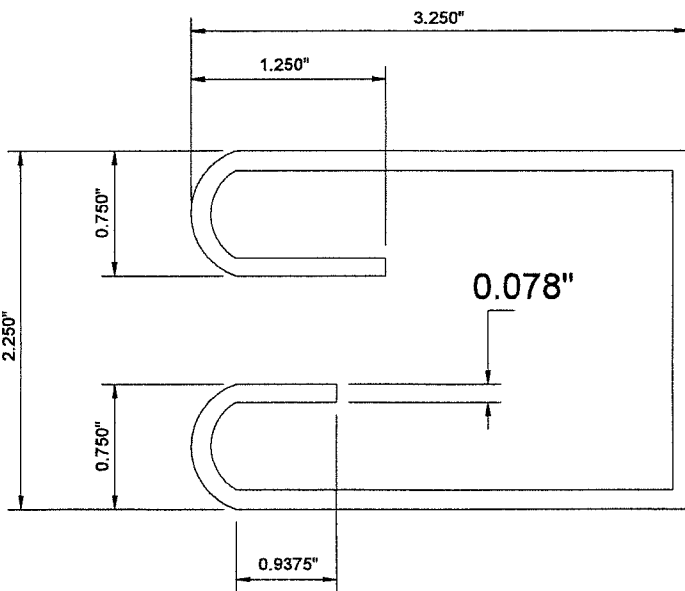
**1c** FLAT SLAT (Model S10-100)  
SCALE: NTS STEEL\*



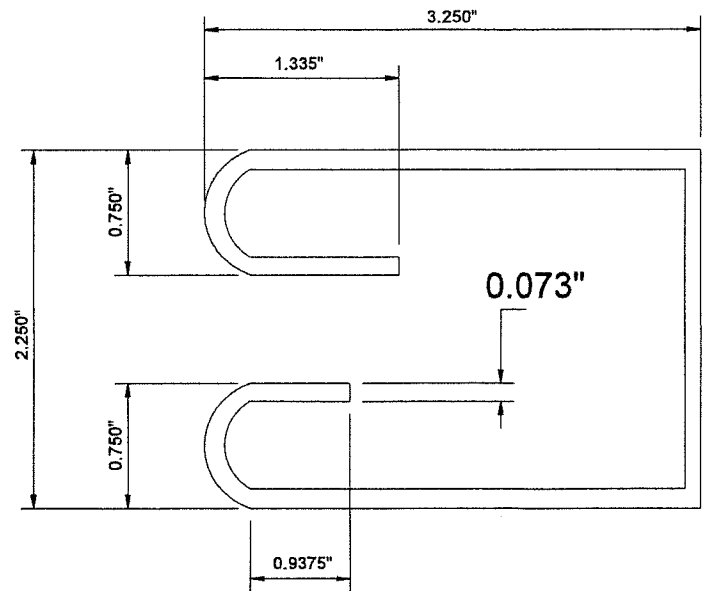
**2** WINDLOCK (ALL MODELS)  
SCALE: NTS STEEL (ASTM A-1011)

**\*SLAT STEEL NOTE:**  
SLAT TO BE A.S.T.M. A-653 GR 50 STRUCTURAL QUALITY STEEL WITH MIN. FY = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.I.S.I. 304 SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD STRENGTH OF FY = 50 KSI.

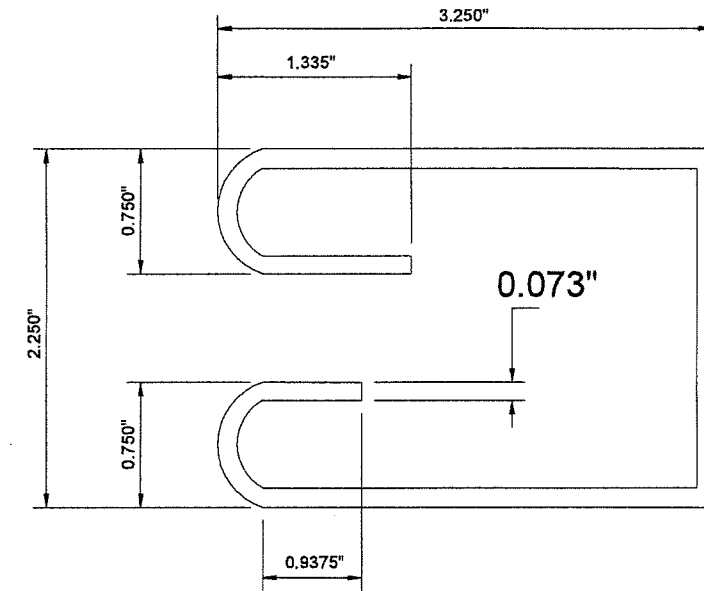
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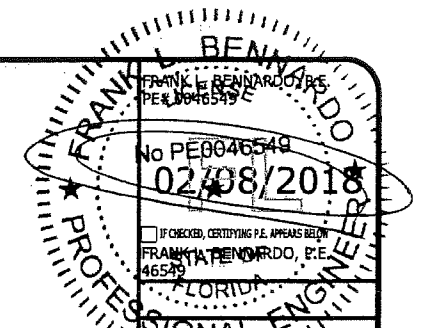
**3a** CHANNEL GUIDE (Model S10-6065)  
SCALE: NTS STEEL (Fy=30KSI MIN.)



**3b** CHANNEL GUIDE (Model S10-6565)  
SCALE: NTS STEEL (Fy=30KSI MIN.)



**3c** CHANNEL GUIDE (Model S10-100)  
SCALE: NTS STEEL (Fy=30KSI MIN.)



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