



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: 24" Wide Roll-Up Door

APPROVAL DOCUMENT: Drawing No.06-053, Titled 24'-1 1/2" 20 gage Slat Roll-up Door Florida Dade sheet 1,2,3 and 4 of 4dated 03/20/06 revision #1 dated 08/01/08 prepared by Tilteco Inc. signed and sealed by Walter A. Tillit, P.E. on 08/01/08, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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, consists of this page, evidence page E1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



Mx
10/29/08

NOA No. 06-0808.09
Expiration Date: 11/20/ 13
Approval Date:11/20/08

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS:

Drawing No.06-053, Titled 24' -1 1/2" 20 gage Slat Roll-up Door Florida Dade sheet 1,2,3 and 4 of 4 dated 03/20/06 revision #1 dated 08/01/08 prepared by Tilteco Inc. signed and sealed by Walter A. Tillit, P.E. on 08/01/08.

B TESTS:

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:

1. Structural calculations signed and sealed by Walter A. Tillit, P.E . sheets 1 to 47 dated 07/21/06.

D QUALITY ASSURANCE:

1. Miami-Dade County. Building Code Compliance Office.

E STATEMENTS:

1. No Financial interest letter issued by Tilteco , Inc., on 05/09/06, signed and sealed by Walter A. Tillit, P.E .
2. Code Compliance letter issued by Tilteco , Inc., on 05/09/06, signed and sealed by Walter A. Tillit, P.E .

F. MATERIAL CERTIFICATIONS:

1. Test Report on Tensile Test prepared by Fenestration Testing Laboratory, Inc. dated 05/16/06, signed and sealed by Edmundo Largaespada, P.E.



Mohammed Iqbal Shaikh, P.E.
Senior Building Code Compliance Specialist
NOA No. 06-0808.09
Expiration Date: 11/20/13
Approval Date: 11/20/08

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 2004 EDITION OF THE FLORIDA BUILDING CODE WITH THE 2005 SUPPLEMENT. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. ROLL-UP DOOR'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1625 & 1626 OF THE ABOVE MENTIONED CODE AS PER FENESTRATION TESTING LABORATORY REPORT #4845, PER TAS-201, TAS-202 & TAS-203 PROTOCOLS.

DESIGN PRESSURE RATING: +60.0, -65.0 PSF (WHEN DOOR'S BOX FACES THE OUTSIDE OF BLDG.)
DESIGN PRESSURE RATING: +65.0, -60.0 PSF (WHEN DOOR'S BOX FACES THE INSIDE OF BLDG.)

2- 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.

3- ALL STEEL ANGLES & WINDLOCKS TO BE A.S.T.M. A-36 DESIGNATION, SHOP PRIMED AGAINST CORROSION PRIOR TO INSTALLATION.

4- ALL ASSEMBLY BOLTS TO BE S.A.E. GRADE 2 CADMIUM PLATED OR GALVANIZED STEEL.

5- STEEL WINDBARS TO BE A.S.T.M. A-36 DESIGNATION, SHOP PRIMED PRIOR TO INSTALLATION.

6- HOOD TO BE 24 GA. A.S.T.M. A-653 DESIGNATION G-90 FINISH TYPE COATING.

7- ALL RIVETS TO BE A.I.S.I. 1035 STEEL, CADMIUM PLATED, STAINLESS STEEL OR ZINC PLATED W/ FY= 37,000 PSI.

8- CONCRETE ANCHORS TO BE AS MANUFACTURED BY HILTI, INC AND SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.

9- ALL WELDING TO CONFORM TO AMERICAN WELDING SOCIETY'S AWS D1.1 REGULATIONS. USE A.W.S A5.1 OR A5.5 E70XX ELECTRODES.

10- INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION MANUFACTURED BY APACHE PRODUCTS COMPANY, NOTICE OF ACCEPTANCE # 01-1108.09.

11- 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 SHEET 4 OF FOR Vx & Vy VALUES.

12- ROLL-UP MECHANISM NOT PART OF THIS APPROVAL.

13- (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.

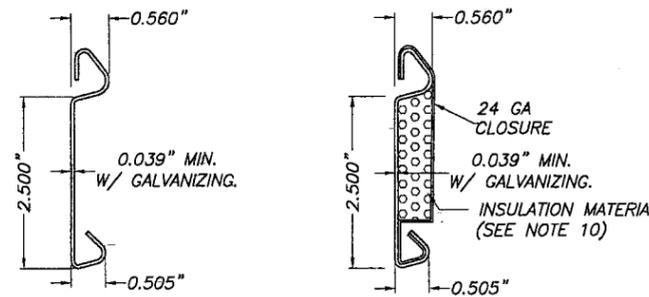
(B) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS P.A.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(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 WHICH 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.

(E) THIS P.A.D. SHALL COMPLY WITH SECTION 2: 61G15 OF THE FLORIDA ADMINISTRATIVE CODE.

Approved in compliance with the Florida Engineering Code
Date 11/20/08
NOA# 06-0808.09
Division
By *M. Shatt*

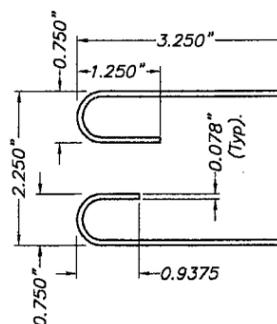


PLAIN

INSULATED

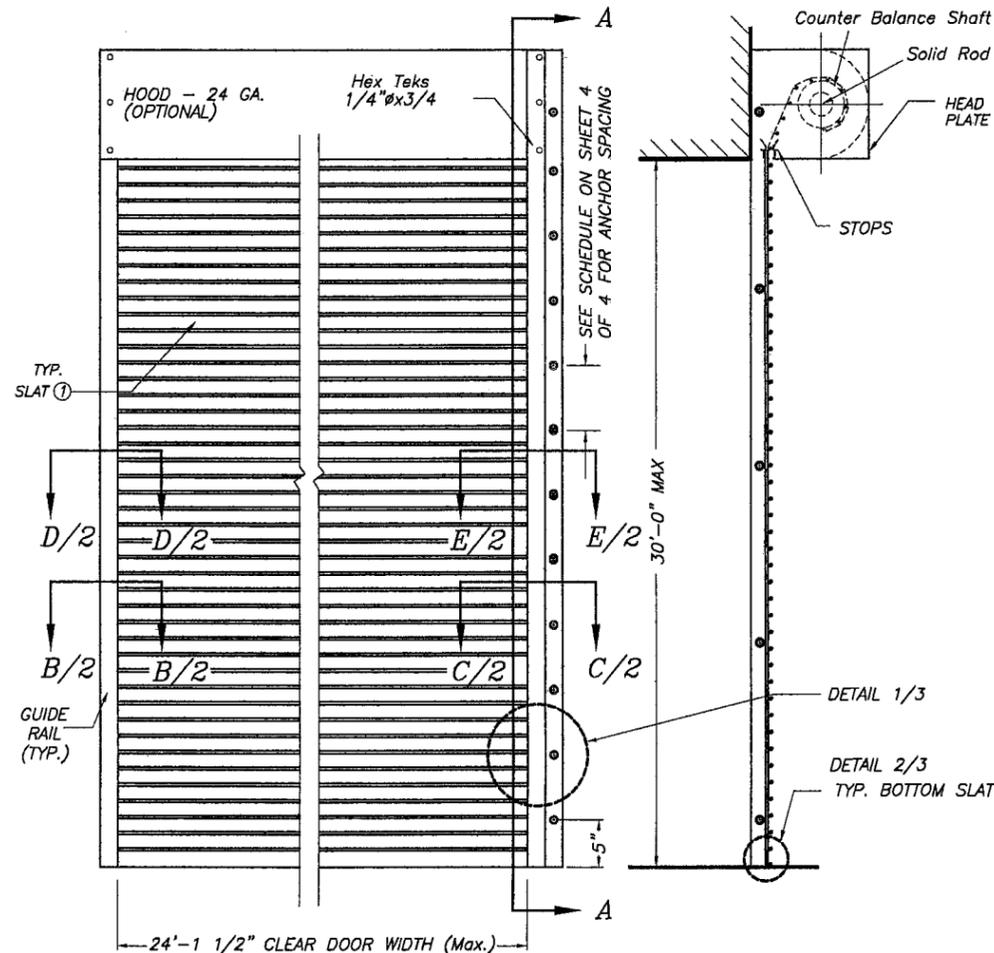
1 FLAT SLAT

SCALE : 1/2" = 1"



2 CHANNEL GUIDE

SCALE : 1/2" = 1"



SECTION A-A

N. T. S.

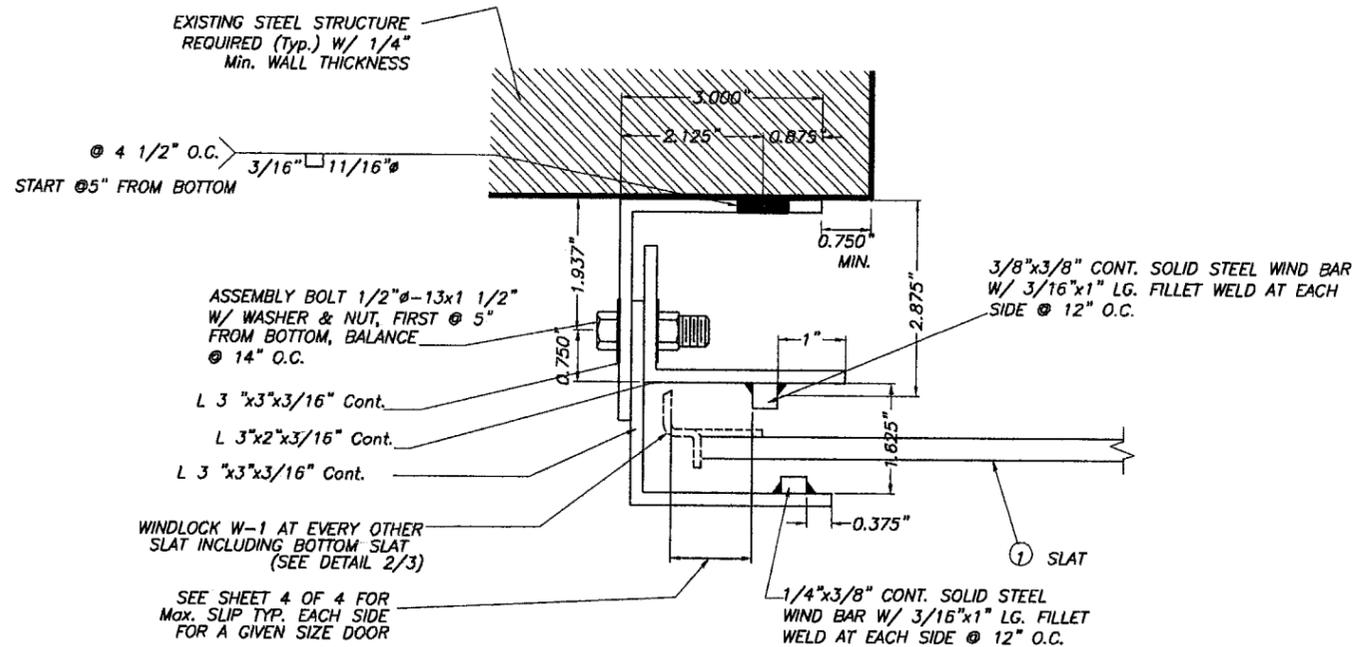
TYPICAL DOOR ELEVATION

N. T. S.

F.B.C. (High Velocity Hurricane Zone)

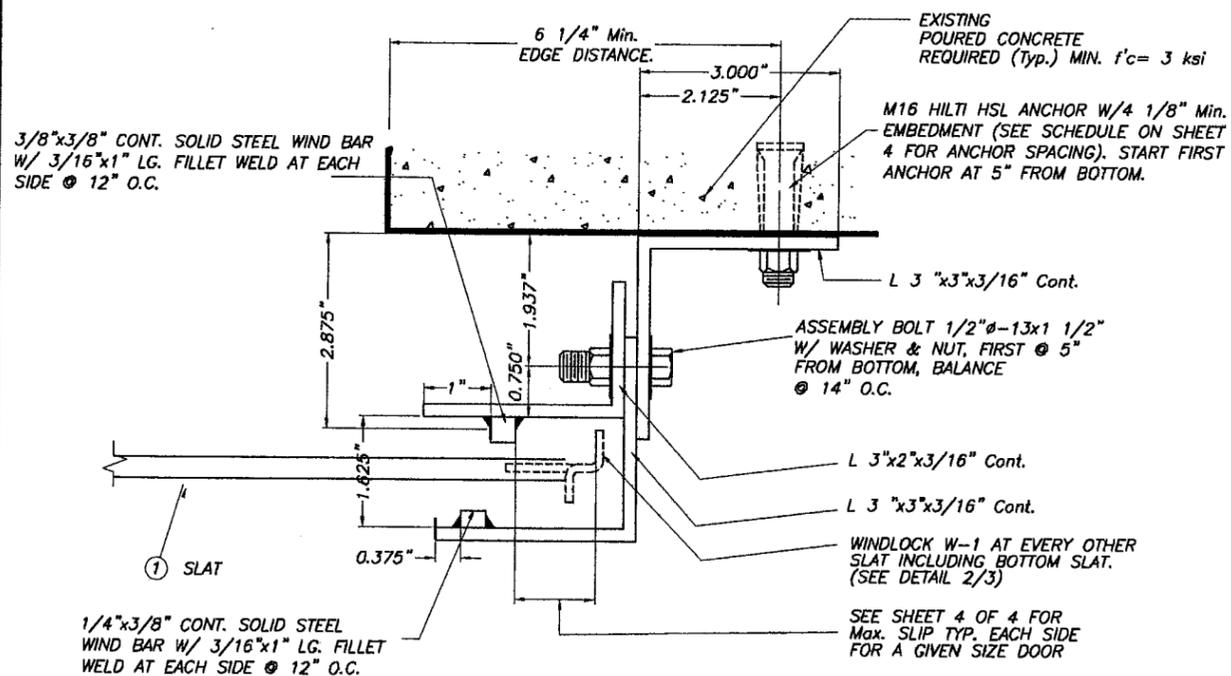
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	24'-1 1/2" MAX. 20 GAGE SLAT ROLL-UP DOOR	DRAWN BY I.A.																		
	BEST ROLLING DOORS, INC.	03/20/06 DATE																		
	9780 N.W. 79th AVENUE HIALEAH GARDENS, FLORIDA 33016 PH: 305-821-6607 FAX: 305-821-3949	06-053 DRAWING No																		
<table border="1"> <thead> <tr> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NOTE 1</td> <td>08/01/08</td> <td>3</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	NOTE 1	08/01/08	3	-	-	2	-	-	4	-	-		SHEET 1 OF 4
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1	NOTE 1	08/01/08	3	-	-															
2	-	-	4	-	-															

David
AUG 01 2008



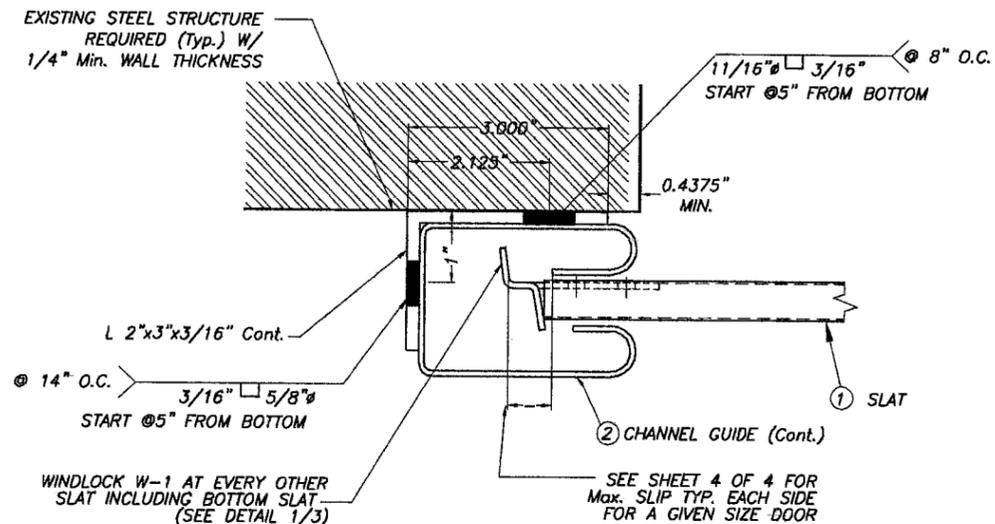
SECTION B-B

SCALE : 3/8" = 1"



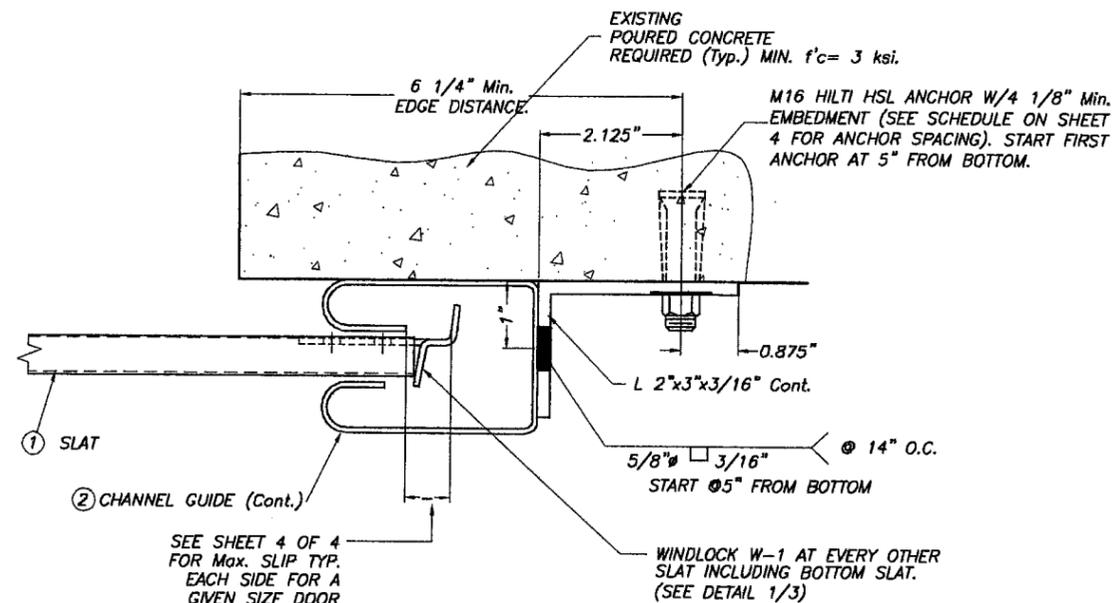
SECTION C-C

SCALE : 3/8" = 1"



SECTION D-D

SCALE : 3/8" = 1"



SECTION E-E

SCALE : 3/8" = 1"

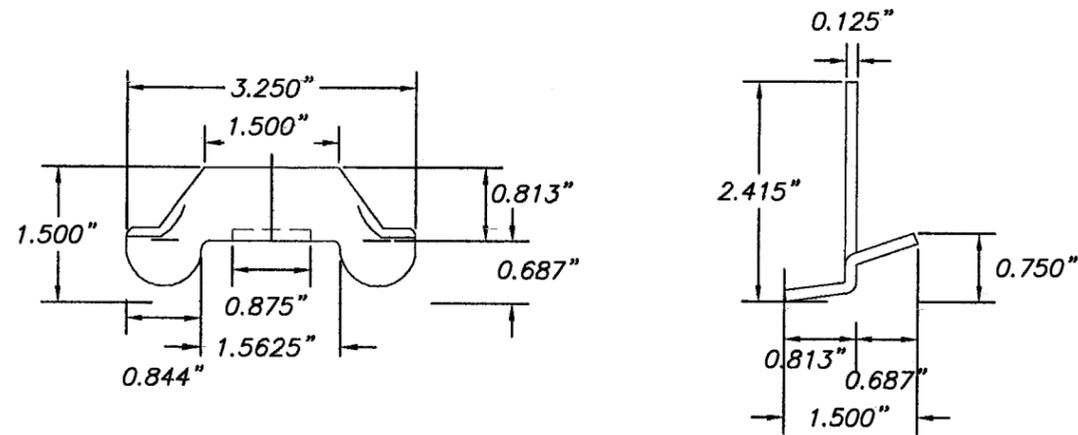
Approved as complying with the
Florida Building Code
Date 11/20/08
NOAH 06-053-09
Miami Dade Product Control
Director
By *M. K. H. ab*

F.B.C. (High Velocity Hurricane Zone)

David
AUG 01 2008

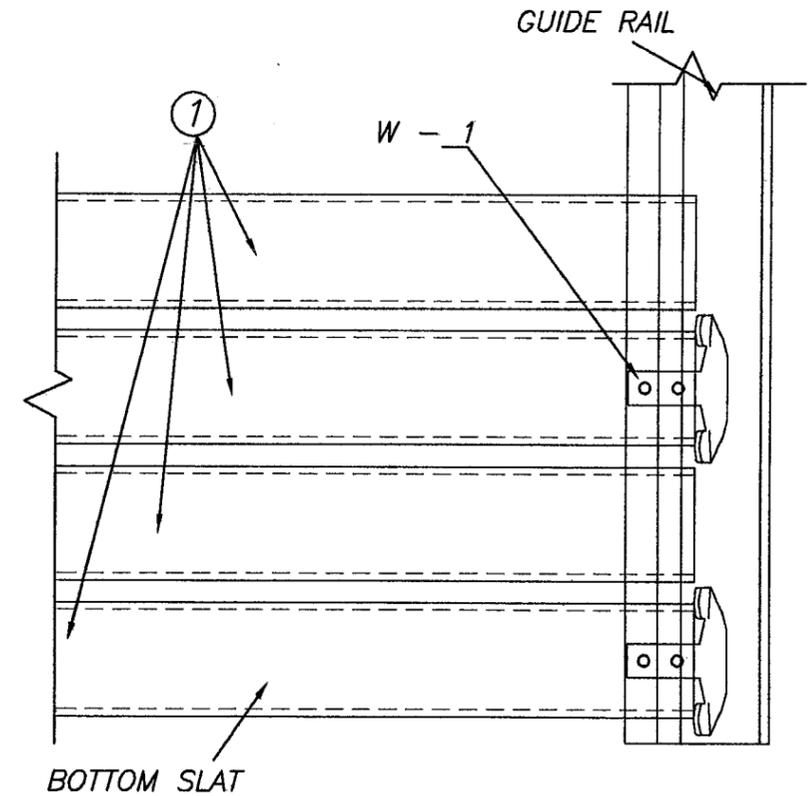
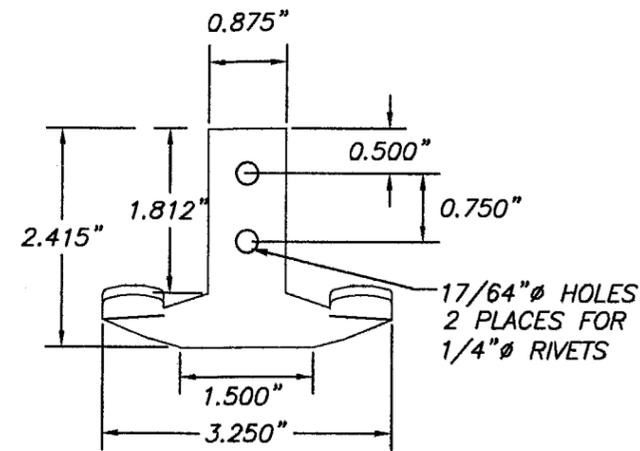
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th St., Ste. 305, WIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
EB-0006719
WALTER A. TILLIT Jr. P. E.
FLORIDA Lic. # 44167

24'-1 1/2" MAX. 20 GAGE SLAT ROLL-UP DOOR						DRAWN BY I.A.
BEST ROLLING DOORS, INC.						03/20/06 DATE
9780 N.W. 79th AVENUE HALEAH GARDENS, FLORIDA 33016 PH: 305-821-6607 FAX: 305-821-3949						06-053 DRAWING No
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 2 OF 4
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2	-	-	4	-	-	



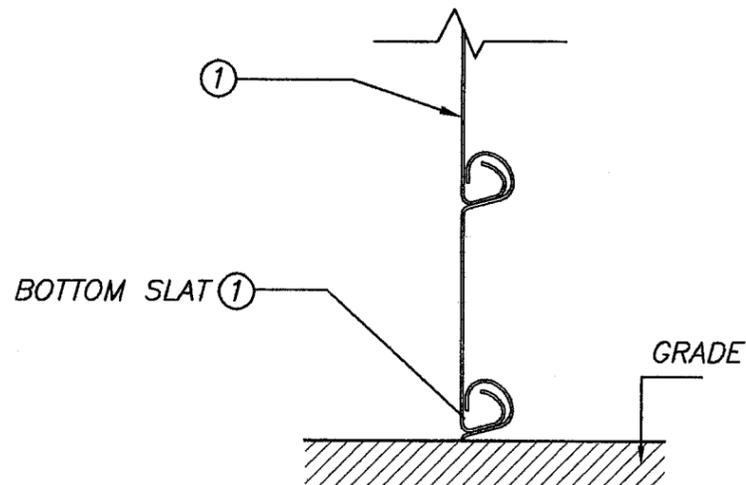
TYPICAL WINDLOCK W - 1 DETAIL

SCALE : 1/2" = 1"



DETAIL 1 (elevation)

N. T. S.



BOTTOM SLAT DETAIL 2

SCALE : 1/2" = 1"

Approved as complying with the
Florida Building Code
State 06-0808.09
06-0808.09
Professional Seal
M. M. M.

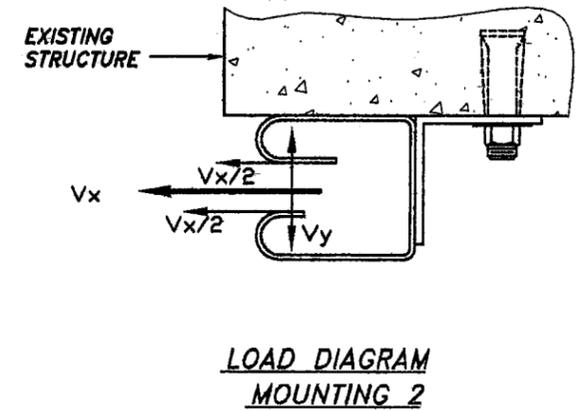
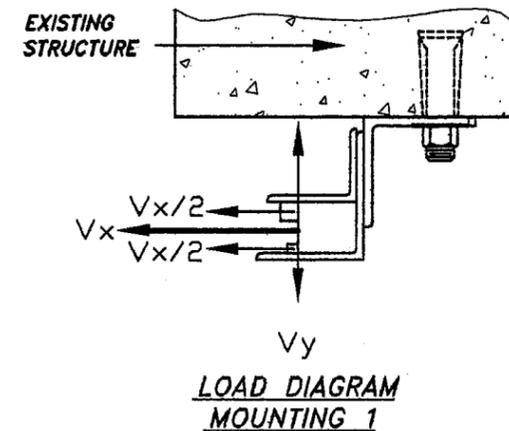
F.B.C. (High Velocity Hurricane Zone)

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1	-	-	3	-	-
2	-	-	4	-	-
				SHEET 3 OF 4	

[Signature]
AUG 01 2008

Vx & Vy REACTIONS & ANCHOR SCHEDULE

MAXIMUM DESIGN LOAD (PSF)	CLEAR DOOR WIDTH (Ft.)	REQ'D SLIP (In)	Vx (Lb/Ft)	Vy (Lb/Ft)	MAX. ANCHOR SPACING *	
					FOR Min. f'c = 3000 psi CONCRETE	
					MOUNTING 1	MOUNTING 2
+50.0, -50.0	12'-0"	7/32"	1416	300	8 1/2"	9 1/2"
	18'-0"	3/4"	1655	450	7"	7"
	20'-0"	1"	1724	500	6 1/2"	6 1/2"
	22'-0"	1 1/8"	1897	550	6"	5 1/2"
	24'-1 1/2"	1 1/8"	2176	603	5 1/2"	5"
+55.0, -55.0	18'-0"	3/4"	1823	495	6 1/2"	6"
	20'-0"	1"	1896	550	6"	5 1/2"
	22'-0"	1 1/8"	2084	605	5 1/2"	5"
	24'-1 1/2"	1 1/8"	2387	664	5"	4 1/2"
+60.0, -60.0	18'-0"	3/4"	1990	540	6"	5 1/2"
	20'-0"	1"	2068	600	5 1/2"	5"
	22'-0"	1 1/8"	2269	660	5"	4 1/2"
	24'-1 1/2"	1 1/8"	2595	724	4 1/2"	4"
+60.0, -65.0 OR +65.0, -60.0 **	18'-0"	3/4"	2156	585	5 1/2"	5"
	20'-0"	1"	2238	650	5"	5"
	22'-0"	1 1/8"	2453	715	4 1/2"	4 1/2"
	24'-1 1/2"	1 1/8"	2802	784	4 1/4"	4 1/8"



*M16 HILTI HSL ANCHOR W/ 4 1/8" MINIMUM EMBEDMENT BEYOND ANY WALL FINISH & 6 1/4" MIN. EDGE DISTANCE.

**DESIGN PRESSURE RATING: +60.0, -65.0 PSF (WHEN DOOR'S BOX FACES THE OUTSIDE OF BLDG.)
DESIGN PRESSURE RATING: +65.0, -60.0 PSF (WHEN DOOR'S BOX FACES THE INSIDE OF BLDG.)

Approved as complying with the
International Code
11/20/08
06-0808-09
Professional Engineer
W. A. Tillit Jr.

[Signature]
AUG 01 2008

F.B.C. (High Velocity Hurricane Zone)

 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 EB-0006719 WALTER A. TILLIT Jr., P. E. FLORIDA Lic. # 44167	24'-1 1/2" MAX. 20 GAGE SLAT ROLL-UP DOOR	DRAWN BY I.A.																	
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