



**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)**

**US Door & Building Components LLC  
10407 Rocket Boulevard.  
Orlando, FL 32824**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Model 651 Steel Rolling Door 14'-0" Wide.**

**APPROVAL DOCUMENT:** Drawing No. 651-58-168, dated 08/02/99, with last revision on 06/05/05, and titled "Model 651-58-168", sheets 1 through 2 of 2, prepared by US Door & Building Components. Signed and sealed by J. H. Dixon, PE, 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 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 revises NOA # 03-1021.02 and, consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**

*Candido F. Font*  
12/29/05



**NOA No 05-0628.02  
Expiration Date: December 28, 2008  
Approval Date: December 29, 2005  
Page 1**

**US Door & Building Components.**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A DRAWING:**

1. Drawing No. 651-58-168, titled "MODEL 651-58-168", sheet 1 and 2 of 2, prepared by US Door & Building Components, dated 08/02/99, with latest revision on 06/05/05, signed and sealed by J.H. Dixon PE.

**B TEST:**

1. Test report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 on "Door 14"-0" Wide, 0.024 Ga.". Prepared by Certified Testing Laboratories, report # CTLA 447W, dated 011/17/99, signed and sealed by J. H. Dixon Jr., PE.

**C CALCULATIONS:**

1. Calculations for attachment of guide to steel or masonry jamb, prepared by Joseph H. Dixon, Jr. P.E. dated 12/13/99, sheets 1 through 15, signed and sealed by J. H. Dixon, PE. on 12/18/99.
2. Anchorage calculations prepared by US Door and Building Components, pages 1 through 15, dated 06/05/05 signed and sealed by J.H. Dixon Jr PE.

**D. QUALITY ASSURANCE:**

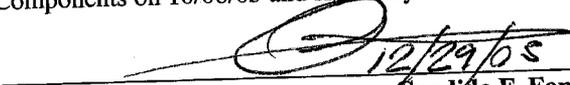
1. Miami-Dade Product Control Office.

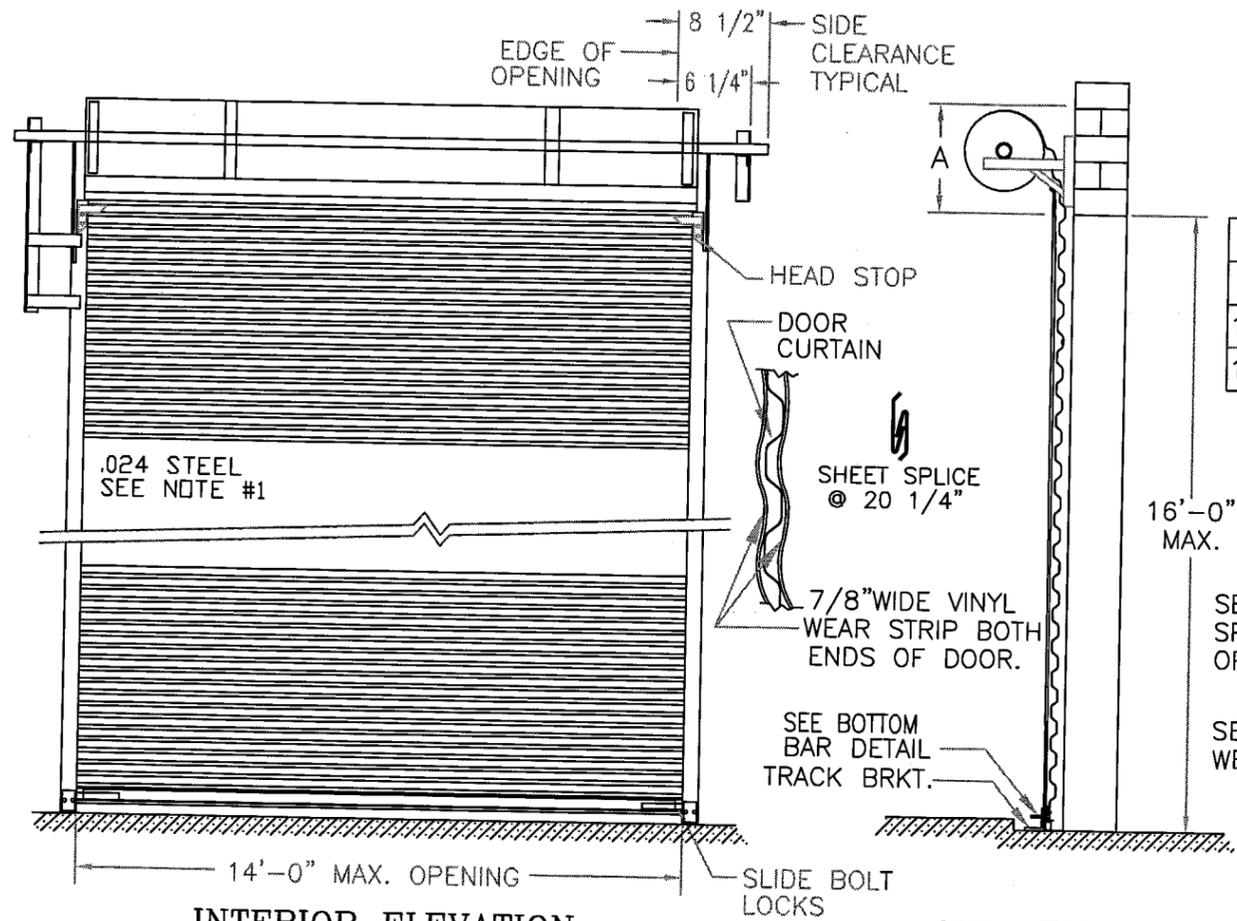
**E. STATEMENTS:**

1. Code compliance letter issued by Joseph H. Dixon, Jr. PE, on 04/06/200, signed by J. H. Dixon Jr. PE.
2. Code compliance letter issued by Joseph H. Dixon Jr on 06/21/05 signed and sealed by J.H. Dixon Jr PE.
3. No financial interest letter issued by Joseph H. Dixon Jr on 06/21/05 signed and sealed by J.H. Dixon Jr PE.

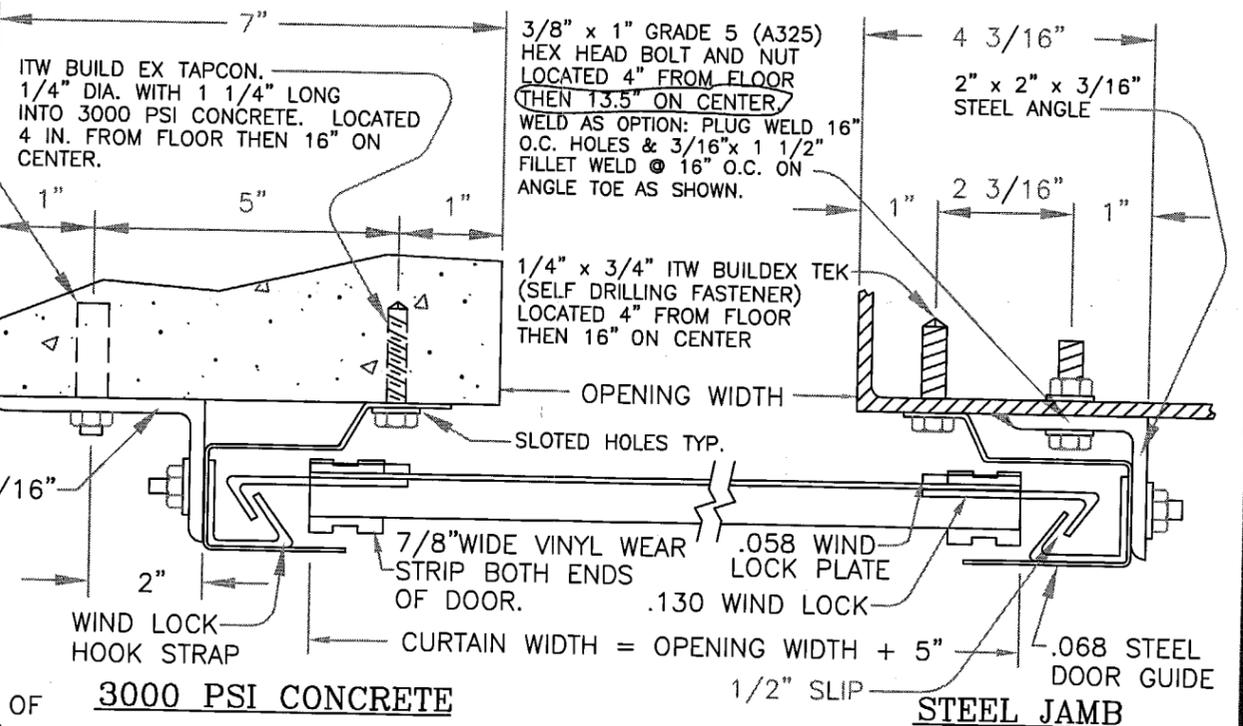
**F. MATERIAL CERTIFICATION:**

1. Certified Testing Laboratories, Test Report # CTLA-4447W-1 of test per ASTM E8, of 0.17 STEEL, dated 11/17/99, signed by R. Patel, P.E.
2. Evaluation of organic coatings on galvanized steel sheet per ASTM D1654, prepared by ETC Laboratories on 05/10/2000, signed by S. Rucci & A. Murray.
3. No change letter issued by US Door & Building Components on 10/06/03 and signed by D. Loose.

  
Candido F. Font PE  
Senior Product Control Examiner  
NOA No 05-0628.02  
Expiration Date: December 28, 2008  
Approval Date: December 29, 2005



5/8" DIA. x 4" EMBEDMENT HILTI KWIK BOLT 3 SYSTEM LOCATED 4", 12", 20" FROM FLOOR THEN 14" ON CENTER TYPICAL.



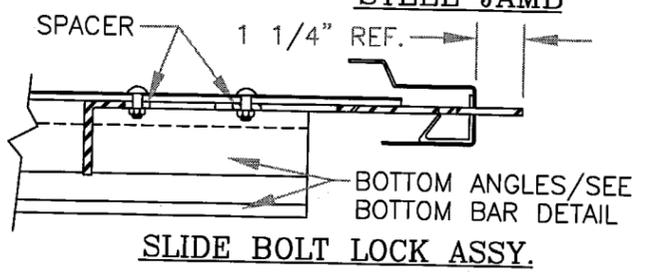
SEE SHEET 2 OF 2 FOR ANCHOR SPACING FOR DOORS USED WITH OPENINGS TO 10'-0" WIDE

SEE SHEET 2 OF 2 FOR DETAILS OF WELDING GUIDES TO STEEL JAMBS

**3000 PSI CONCRETE**

THIS LEG MUST BE 3" LONG WHEN TURNED OUT

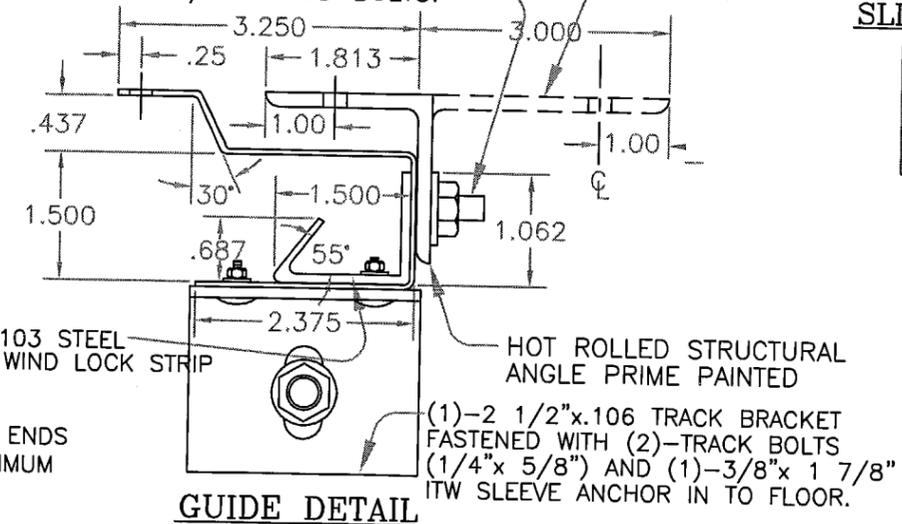
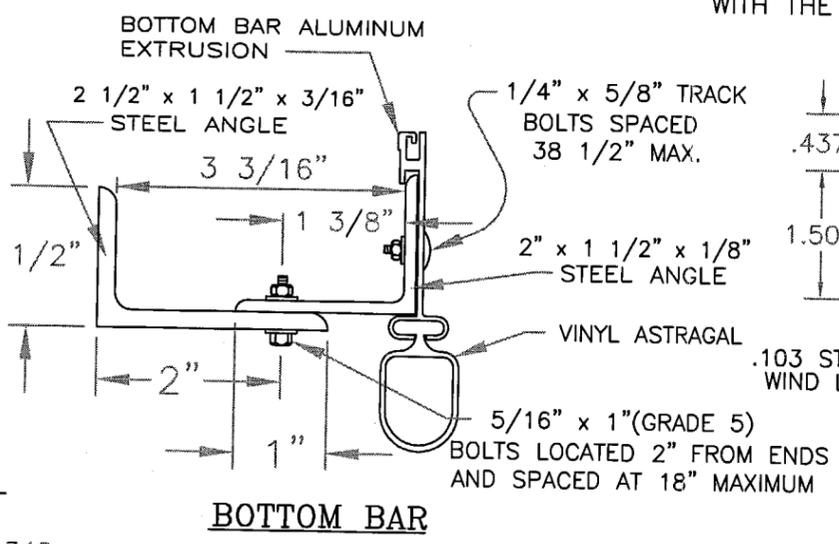
5/16" STUD BOLT WELDED TO WIND LOCK HOOK STRAP 4" FROM FLOOR AND 8" ON CENTER THEREAFTER. THE 2" x 2" x 3/16" ANGLE OR 3" x 2" x 3/16" ANGLE IS ATTACHED WITH THE SAME 5/16" STUD BOLTS.



NOTE #1: STEEL USED IS ASTM A-653 (ei) STRUCTURAL QUALITY GRADE 80 WITH A MINIMUM YIELD OF 80,000 PSI. FINISH IS G-90 GALVANIZED OR G-60 GALVANIZED WITH A BAKED ON PRIMER POLYESTER TOP COAT ON BOTH SIDES.

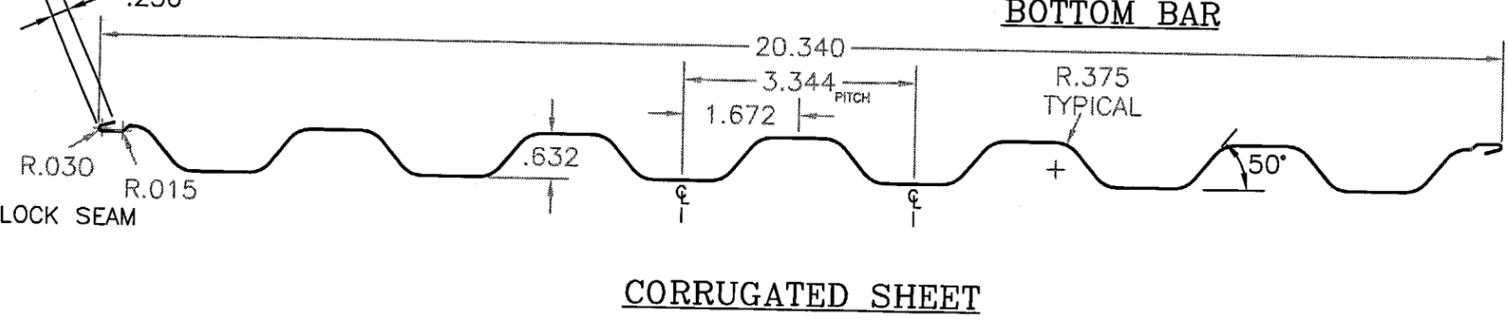
NOTE #2: USE 70XX ELECTRODES FOR WELDING WIND LOCKS STAMPED FROM .130 GALVANIZED STEEL OF COMMERCIAL QUALITY AND RIVETED TO EACH CORRUGATION IN SHEET (5 LOCKS AT EACH END OF EACH SHEET). WIND LOCK ATTACHED WITH (2)-3/16" STEEL POP RIVETS SUPPORTED BY .058 STEEL BACK-UP PLATES ON EXTERIOR OF CURTAIN.

WIND LOCK STRIP MADE FROM .103 GALVANIZED STEEL GUIDES MADE FROM .068 HOT DIPPED GALVANIZED STEEL



**MODEL 651 DCC SERIES**  
50 PSF POSITIVE/58 PSF NEGATIVE

*J.H. Dixon Jr.*  
6/6/05  
FL7768



3	06-05-05	CHANGED SPACING ON GUIDE FASTENERS
2	11-29-00	REVISED WEAR STRIP NOTE
1	03-29-00	REVISED NOTES

**MODEL 651-58-168**

**U.S. DOOR & BUILDING COMPONENTS**

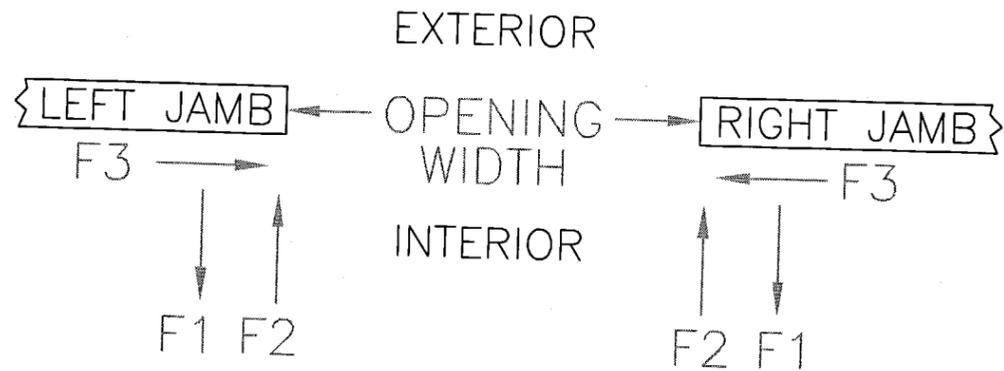
2706 Rew Circle Suite 200 Ocoee, FL 34761  
407.877.0100 Fax 407.877.8875 usdoor.com

JOB: \_\_\_\_\_ DATE: 8-2-99 SHEET 1 of 2  
CONTRACTOR: \_\_\_\_\_ DRAWN BY: C.D.W.  
ARCHITECT: \_\_\_\_\_ CHECKED BY: G.O.G.  
ADDRESS: \_\_\_\_\_ DISTRIBUTOR: \_\_\_\_\_ DRAWING NUMBER  
ENGINEER: J.H. DIXON JR P.E. LIC No. FL7768

REFERENCE DRAWING R1040004 FOR SHEET 2.

August 2, 1999

BUILDING DESIGNER NOTE:  
 STRUCTURE MUST BE DESIGNED  
 TO SUPPORT FORCES F1, F2 &  
 F3 (SHOWN AS LB/FT OF OPENING  
 HEIGHT) AT EACH JAMB. VALUES  
 ARE SHOWN IN CHARTS BELOW.



FORCES ON STRUCTURE/CONCRETE JAMBS

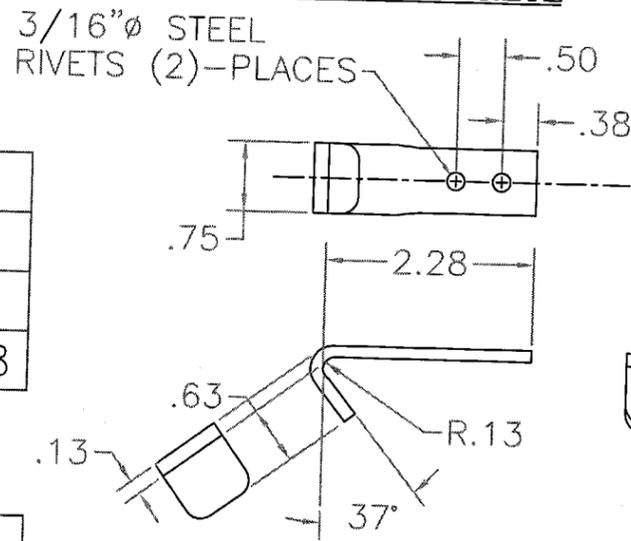
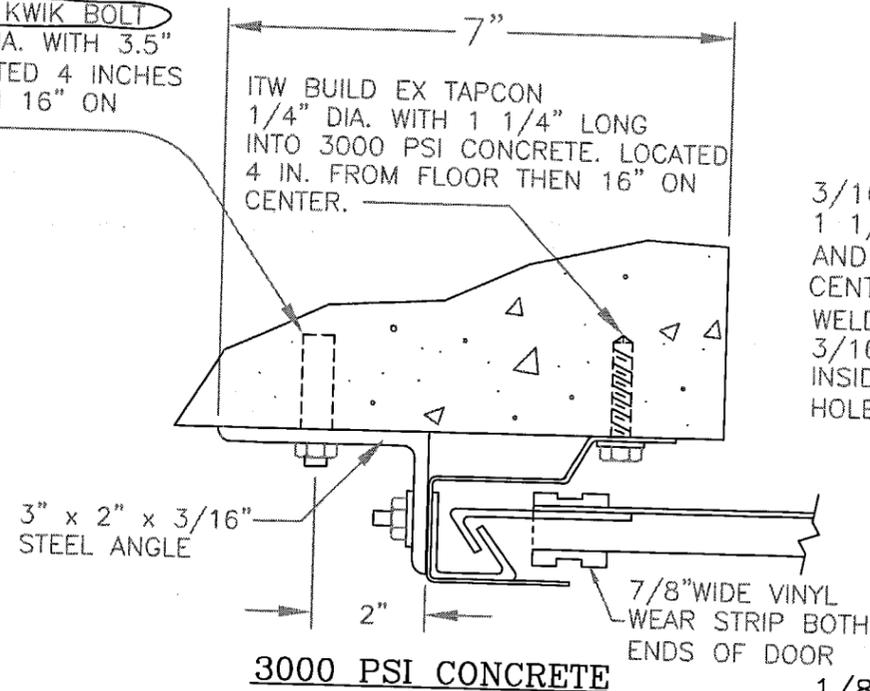
DOOR OPENING WIDTH	POSITIVE			NEGATIVE		
	F1	F2	F3	F1	F2	F3
TO 10'-0"	318	66	723	190	482	904
10'-1" TO 14'-0"	653	301	1659	489	897	1958

FORCES ON STRUCTURE/STEEL JAMBS

DOOR OPENING WIDTH	POSITIVE			NEGATIVE		
	F1	F2	F3	F1	F2	F3
TO 10'-0"	1292	1040	723	1297	1590	904
10'-1" TO 14'-0"	2847	2495	1659	2928	3336	1958

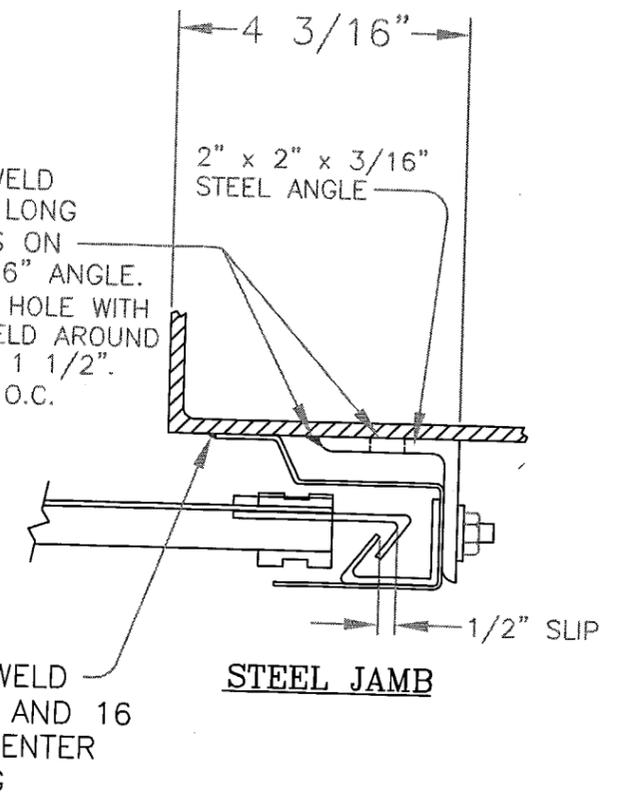
NOTE: VALUES SHOWN ARE THE HIGHER OF EITHER BOLTED OR WELDED CONNECTION.

UP TO 10'-0" WIDE OPENING  
 REQUIRES A HILTI KWIK BOLT  
 3 SYSTEM 1/2" DIA. WITH 3.5"  
 EMBEDMENT. LOCATED 4 INCHES  
 FROM FLOOR THEN 16" ON  
 CENTER.



WIND-LOCKS  
 MATERIAL- 0.13 GALVANIZED STEEL.

3/16" FILLET WELD  
 1 1/2 INCHES LONG  
 AND 16 INCHES ON  
 CENTER AT 3/16" ANGLE.  
 WELD 5/8" DIA. HOLE WITH  
 3/16" FILLET WELD AROUND  
 INSIDE OF HOLE 1 1/2".  
 HOLES ARE 16" O.C.



*Handwritten signature*  
 6/6/05  
 FL7768

3	06-05-05	CHANGED KWIK BOLT SPECIFICATION FROM 2 TO 3
2	11-29-00	Added wear strip note
1	03-29-00	Added wind Lock Part Detail

MODEL 651 WINDLOADED DOOR

2706 Rew Circle Suite 200 Ocoee, FL 34761  
 407.877.0100 Fax 407.877.8875 usdoor.com

U<sub>s</sub> DOOR & BUILDING COMPONENTS

JOB: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 DISTRIBUTOR: \_\_\_\_\_  
 ENGINEER: J.H. DIXON JR P.E. LIC No. FL7768

DATE: 8-2-99 SHEET 2 of 2  
 DRAWN BY: C.D.W.  
 CHECKED BY: G.O.G.  
 DRAWING NUMBER  
 651-58-168