



**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)

**Cornell Iron Works, Inc.
100 Elmwood Ave.
Mountaintop, PA 18707**

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: 16' Rolling Steel Door

APPROVAL DOCUMENT: Drawing No. 1-01-10-06, dated 07/13/95, with last revision on 05/15/06, titled "DADE COUNTY DOORS +55/-60 PSF, 16' WIDE", sheets 1 through 2, prepared by Cornell Iron Works, Inc, signed and sealed by J. H. Dixon Jr 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 or MDCPCA", 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 # 02-1231.01 and, consists of this page, evidence page as well as approval document mentioned above.

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



[Handwritten signature]
10/12/06

**NOA No 05-0705.03
Expiration Date: March 7, 2007
Approval Date: October 12, 2006
Page 1**

Cornell Iron Works Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS:

1. Drawing prepared by Cornell Iron Works Inc, titled "DADE COUNTY DOORS +55/-60 PSF, 16' WIDE", Drawing No. 1-01-10-06, dated 07/13/95 with latest revision on 05/15/06, sheets 1 through 2 of 2, signed and sealed by J. H. Dixon Jr., PE.

B TEST:

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on a "DADE COUNTY DOOR, 16' W, 60/55 PSF.", prepared by Construction Testing Corporation, report # 95-030, dated 09/19/95, signed and sealed by C. G. Tyson, PE.
2. Test report on Tensile Test on "1 sample. # CTC-95-030, Slot from Atlas roll Down Door", prepared by QC Metallurgical, Inc., report # 5HM-1959, dated 09/05/95, signed and sealed by F. Grate, PE.
3. Test report on "Standard Test Method for Ignition Properties of Plastics-Procedure B", prepared by Center for Applied Engineering, Inc., report # 257591b, dated 04/11/96, signed and sealed by R. G. Miller, PE.
4. Test report on "Surface Burning Characteristics of Building Materials"; prepared by Center for Applied Engineering, Inc., report # 257591a, dated 04/09/96, signed and sealed by R. G. Miller, PE.

C CALCULATIONS:

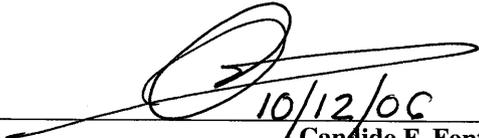
1. Calculations prepared by J. H. Dixon, Jr. PE, dated 09/09/95, sheets 1 through 12, signed and sealed by J. H. Dixon Jr. PE. on 09/11/95.
2. Spreadsheet Summary by J. H. Dixon Jr. PE., dated 09/09/95, sheets A1 to A3, signed and sealed by J. H. Dixon Jr., PE on 09/11/95.
3. Guide Angle Details by J. H. Dixon Jr. PE. dated 09/09/95, sheets B1 to B7, signed and sealed by J. H. Dixon Jr. PE.

D STATEMENTS:

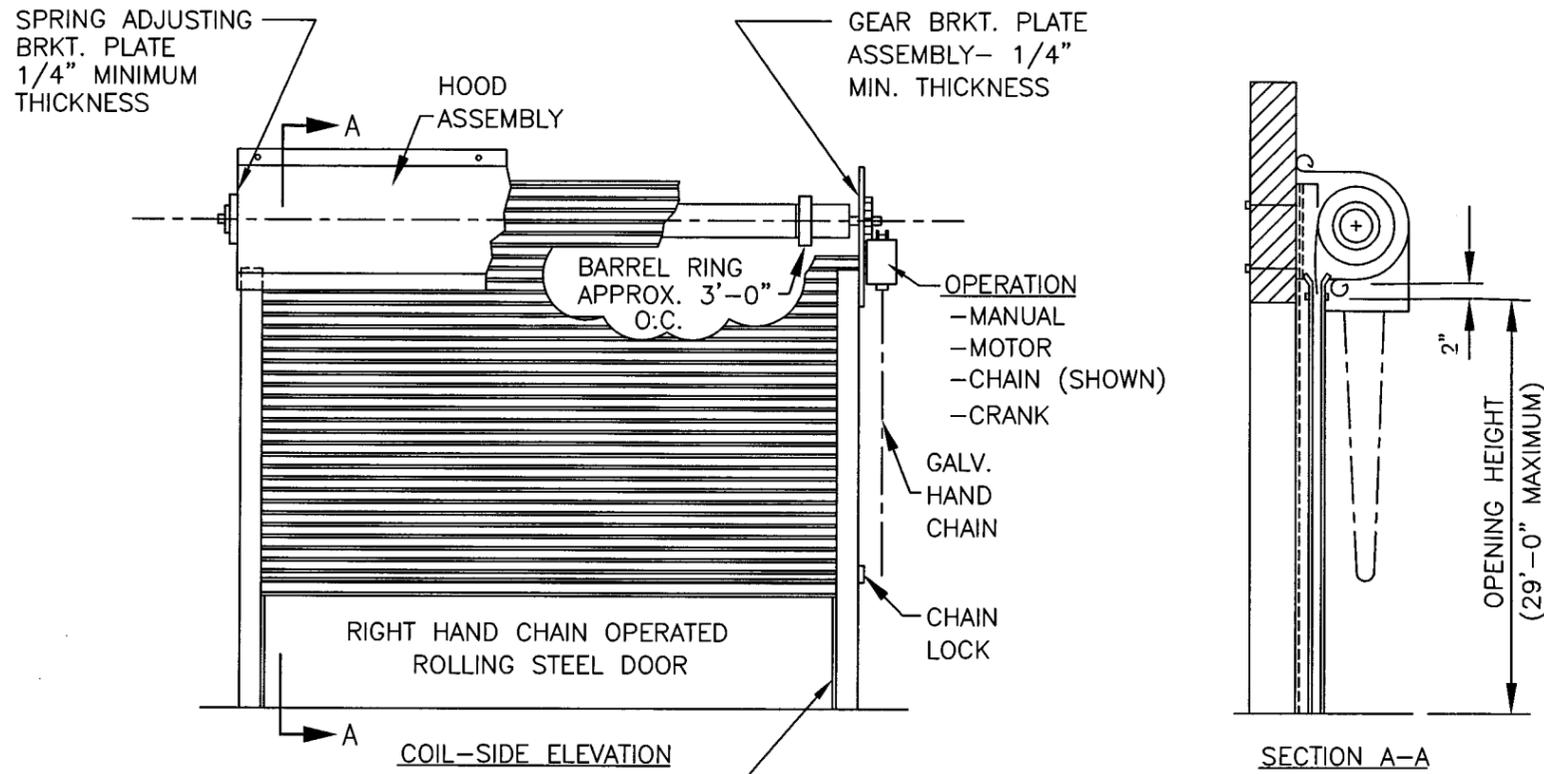
1. Certificate of Merger issued by Atlas Roll-Lite Door Corporation and Clopay Building Products Co. on 01/20/99 and signed by R. Baleman President.
2. No-Change letter issued by Clopay Building Products Co. on 02/11/02 and signed by G. Thomas, PE.
3. No change letter issued by Cornell Rolling Door Specialists on 02/07/03 and signed by L. Greiner.
4. Assets-Purchase Agreement between Cornell Iron Works Inc. and Clopay Building Products executed on 11/06/02 and signed by D. E. Treller, Secretary of Clopay Building Products.

E CERTIFICATIONS:

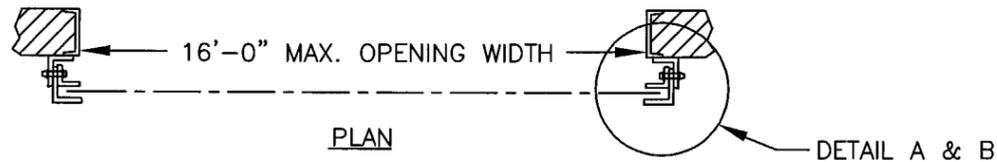
N/A


10/12/06
Candido F. Font PE
Senior Product Control Examiner
NOA No 05-0705.03
Expiration Date: March 7, 2007
Approval Date: October 12, 2006

ROLL-UP MECHANISM NOT INCLUDED IN THIS APPROVAL.
MUST BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY IF REQUIRED.



SLIDE BOLT LOCKS (EACH END) SECURITY AND FORCED ENTRY REQ'D. PER AAMA 1304-02. PROVIDE MULTIPLE INSERT LOCKS ENGAGING AT LEAST 2 OPPOSITE POINTS AT MIN. OF 5/8\".



CURTAIN
ASTM A653 HSLAS TYPE B GRADE 40 G90 OR
ASTM A653 HSLAS TYPE A GRADE 40 G90 OR
ASTM A653 STRUCTURAL STEEL GRADE 40 G90

GENERAL NOTES

- THIS DOOR HAS BEEN TESTED ACCORDING TO TAS 201, TAS 202 AND TAS 203.
- HOOD IS BOLTED TO THE BRACKET PLATE WITH 1/4\"
- CURTAIN IS BOLTED TO BARREL RINGS WITH 3/8\"
- SLATS ARE COLD ROLLED FROM GALVANIZED STEEL WITH A YIELD STRENGTH OF 40,000 PSI AND A WORKING STRESS OF 32,000 PSI.
- ENDLOCKS AND WINDLOCKS ARE CAST MALLEABLE IRON.
- THIS DRAWING HAS BEEN APPROVED AS COMPLYING WITH THE FLORIDA BUILDING CODE.
- WINDLOCK MATERIAL IS 1"x1/2"x1/8\"
- THE DOOR HAS A DESIGN PRESSURE OF 55 PSF POSITIVE/ 60 PSF NEGATIVE.
- THE FOAMED IN PLACE INSULATION HAS BEEN TESTED ACCORDING TO ASTM E-84 AND D1929.
- A 33 1/3% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
- 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.

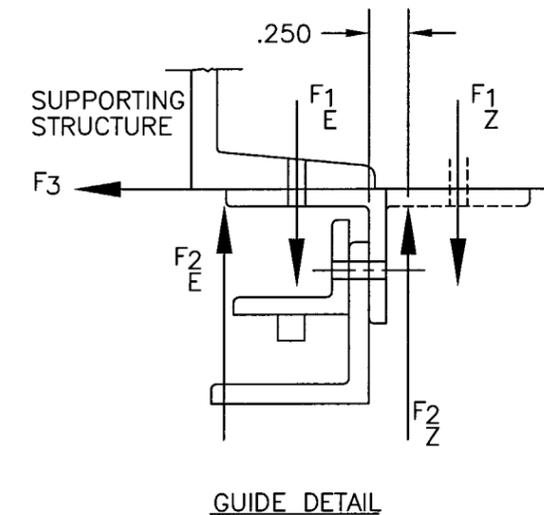
REVISIONS				
ISSUE	DATE:	ECO NO.	DESCRIPTION	APPVD:
1	9/1/95		ORIGINAL ISSUE	G.T. 9/1/95
2	9/11/95		UPDATE "FORCE ON STRUCTURE" DATA	G.T. 9/11/95
3	11/2/95		UPDATE "SCHEDULE" DATA	G.T. 11/2/95
4	12/20/95		UPDATE ANCHOR AND HEIGHT DATA	G.T. 12/20/95
5	1/31/96		DELETE THERMAL DOOR	G.T. 1/31/96
6	4/15/96		ADD THERMAL DOOR	
7	12/17/02		BECAME CORNELL	
8	02/04/03		GENERAL REVISIONS	
9	06/13/2005	1197	REVISED NOTE #9 AND ADDED NOTE #11	R.M.
10	05/15/2006	1197	REVISED PER DADE COUNTY	R.M.

SCHEDULE FOR F-3 FLAT SLAT AND T-3 THERMAL SLAT

OPENING WIDTH	GAUGE	WINDLOCK SPACING	SLIP	WINDLOCK RIVETS	GUIDE ANGLE THICKNESS	WALL ANGLE THICKNESS	ANCHOR BOLTS	WALL ANGLE BOLTS	GUIDE ANGLE BOLTS
12'-1" TO 16'-0"	20	CONTINUOUS SLATS	1/2"	QTY. 3 3/16"	3/16" 3/16"	1/4"	5/8"	1/2"	1/2"

FORCE ON STRUCTURE (#/FT.)

OPENING WIDTH	E-GUIDE						Z-GUIDE					
	POS			NEG			POS			NEG		
	F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3
12'-1" TO 16'-0"	6180	5740	2070	7590	8070	2290	1760	1320	2070	3290	3770	2290



BUILDING DESIGNER NOTE:
STRUCTURE MUST BE DESIGNED TO SUPPORT F1, F2 AND F3 FORCES (LBS./FT. OF OPENING HGT.) AT EACH JAMB. VALUES OF F1, F2 AND F3 ARE GIVEN IN SCHEDULE.

PRODUCT REVISED
05-0705.03
03/17/07

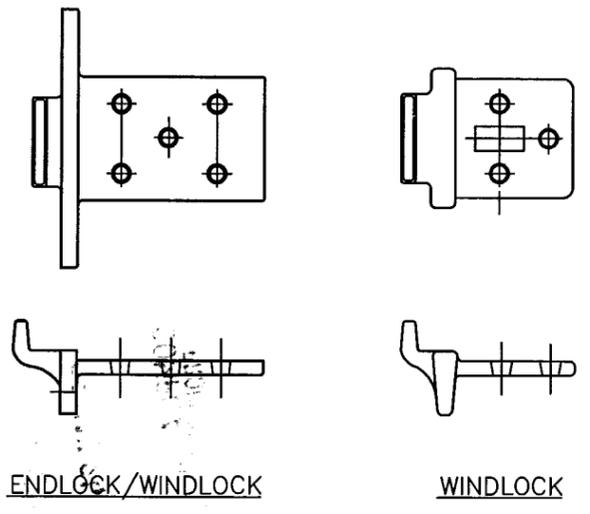
J.D. Dixon
5/22/06
FL 7768



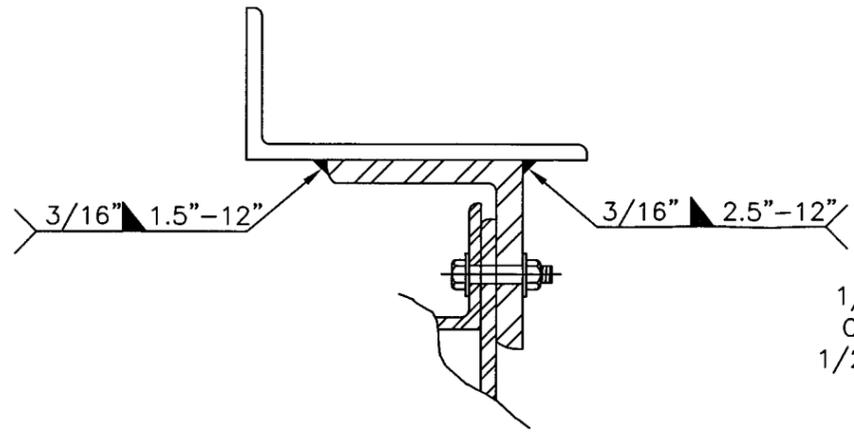
CRESTWOOD INDUSTRIAL PARK
MOUNTAINTOP, PENNSYLVANIA

TITLE: DADE COUNTY DOORS +55/-60 PSF, 16' WIDE		STATUS: STD.	
DRAWN BY: D. BRASWELL	DATE: 7/13/95	SCALE: NONE	DWG. SIZE: B
ENGINEER: J. DIXON	DATE: 7/13/95	SHEET 1 OF 2	
REGISTRATION NO: FL7768	ISSUE NO: 10	DWG. NO. 1-01-10-06	

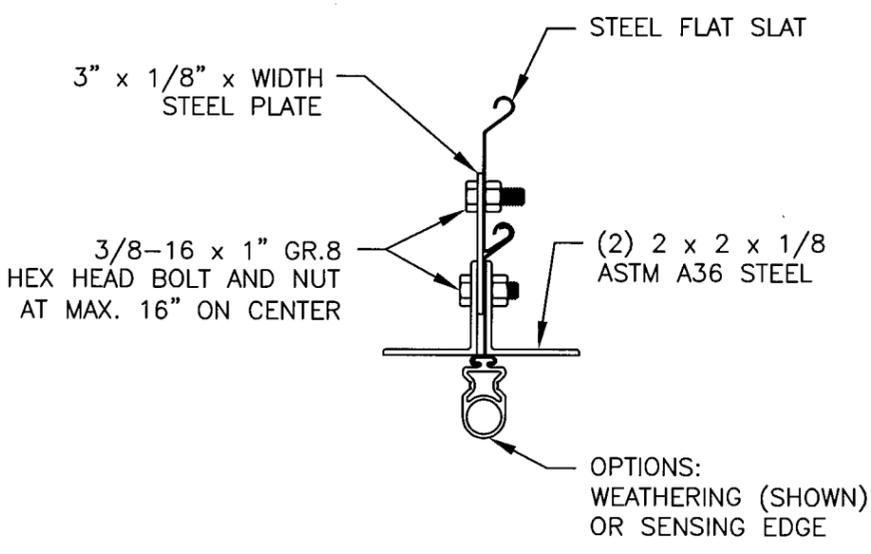
REVISIONS				
ISSUE	DATE:	ECO NO.	DESCRIPTION	APPVD:
6	4/15/96		ADD THERMAL DOOR	
7	02/04/03		GENERAL REVISIONS	
8	06/13/2005	1197	REVISE WALL FASTENER SPACING	R.M.
9	05/15/2006	1197	REVISE PER DADE COUNTY	R.M.



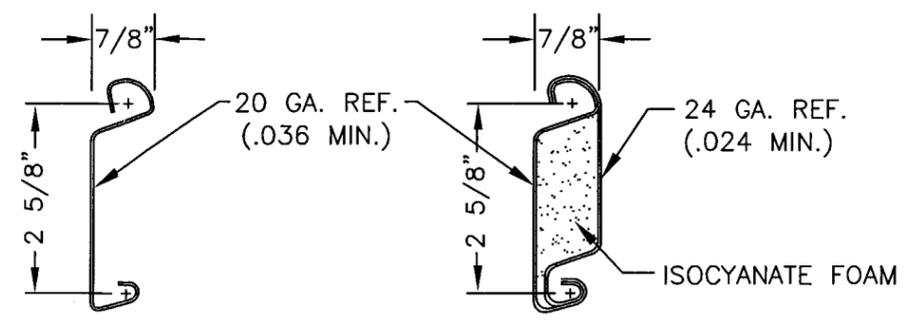
(WINDLOCK ON EVERY SLAT)



DETAIL B
WELDING TO STEEL JAMB
SIM. TO DETAIL A EXCEPT AS NOTED
(FOR "E" GUIDE ONLY)



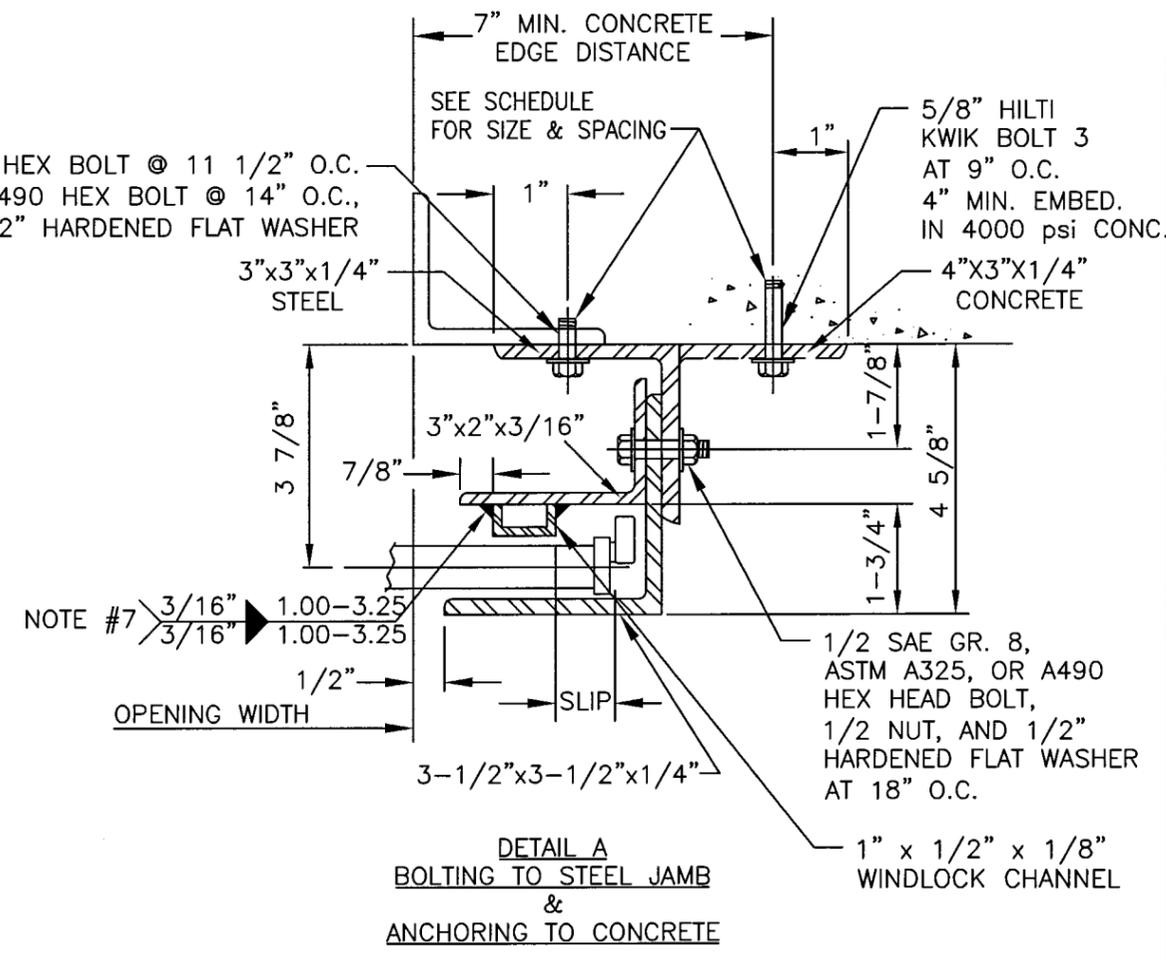
BOTTOM BAR



FLAT SLAT

DETAIL C

THERMAL SLAT



DETAIL A
BOLTING TO STEEL JAMB & ANCHORING TO CONCRETE

05-0705.03
03/07/07

5/24/06
FL7768

DRAWN BY: P.SPIKES	DATE: 9/1/95	SCALE: NONE	DWG. SIZE: B
CHECKED BY: G. THOMAS	DATE: 9/1/95	SHEET 2 OF 2	
PART NO:	ISSUE NO. 9	DWG. NO. 1-01-10-06	