



**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 Avenue
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: 14'- 4" wide Roll-Up Door.

APPROVAL DOCUMENT: Drawing No. 96-399, dated 12/13/96, with last revision on 09/23/97, titled "Roll-Up Door", sheets 1 through 2 of 2, prepared by Knezevich & Associates, Inc. signed and sealed by V. J. Knezevich, PE, bearing the Miami-Dade County Product Control Renewal 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.

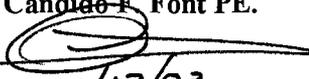
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this 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 renews NOA # 00-0508.01 and, consists of this page, evidence page as well as approval document mentioned above.

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


11/13/03



**NOA No 03-0925.07
Expiration Date: October 23, 2008
Approval Date: November 13, 2003
Page 1**

Cornell Iron Works, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWING:

1. Drawing No. 96-399, titled "Roll-Up Door", sheet 1 and 2 of 2, prepared by Knezevich & Associates, Inc., dated 12/13/96, with latest revision on 09/23/97, signed and sealed by V. J. Knezevich, PE.

B TEST:

1. Test report on Large Missile Impact Test and Cyclic Wind Pressure Test and Uniform Static Air Pressure on "T150 Steel Rolling Garage Door", prepared by Architectural Testing, Inc., report # 01-31475.01, dated 11/24/98, signed and sealed by A. N. Reeves, PE.
2. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on "T150 Steel Rolling Garage Door", prepared by Architectural Testing Inc., report No. ATI-15775, dated 10/16/96, signed and sealed by A. N. Reeves, PE.

C CALCULATIONS:

1. Calculations for roll-up Door, prepared by Knezevich & Associates, Inc., dated 07/07/97, sheets 1 to 10, signed and sealed by V. J. Knezevich, PE. on 07/18/97.
2. Calculations for Cornell Iron works, prepared by Knezevich & Associates, Inc., dated 12/18/96, sheets 1 to 7, signed and sealed by V. J. Knezevich, PE on 12/18/96.

D STATEMENTS:

1. Code Compliance letter issued by Knezevich & Associates, Inc. on 01/15/97, signed by V. J. Knezevich, PE.
2. Test compliance letter Issued by Architectural, Inc. on 11/30/98, signed by A. N. Reeves, PE.
3. No financial interest letter issued by Knezevich & Associates, Inc. on 01/15/97, signed and sealed by V. J. Knezevich, PE.
4. No change letter issued by Cornell Iron Works, on 04/25/00 and signed by J. Walsh.
5. No change letter issued by Cornell Iron Works on 09/19/03 and signed by L. Greiner.

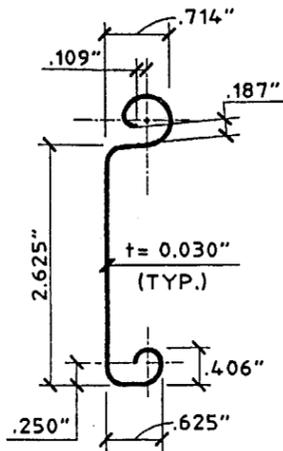
E. MATERIAL CERTIFICATION:

1. Architectural Testing, Inc., Test Report No. 15775-1of test per ASTM E8, of Galvanized Steel, dated 10/09/96, signed by A. N. Reeves, PE.



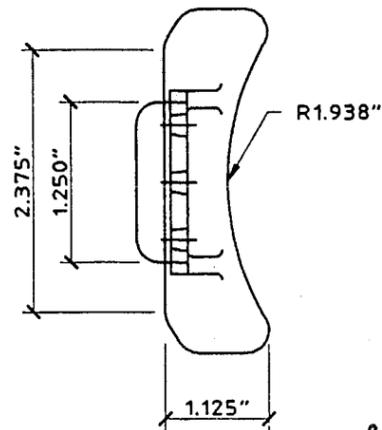
11/13/03

Candido F. Font PE
Senior Product Control Examiner
NOA No 03-0925.07
Expiration Date: October 23, 2008
Approval Date: November 13, 2003



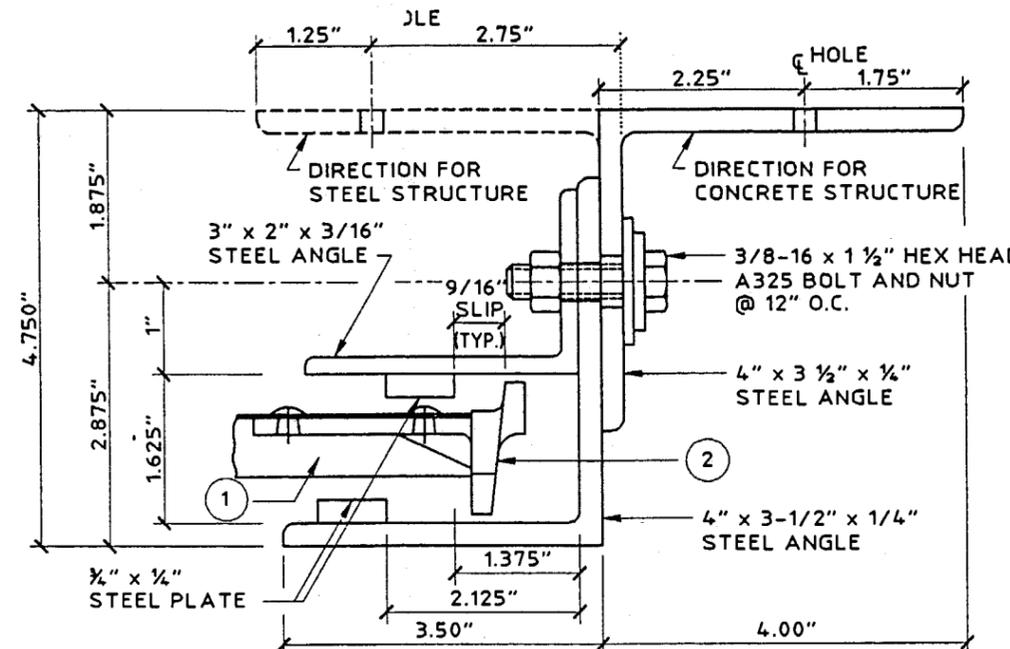
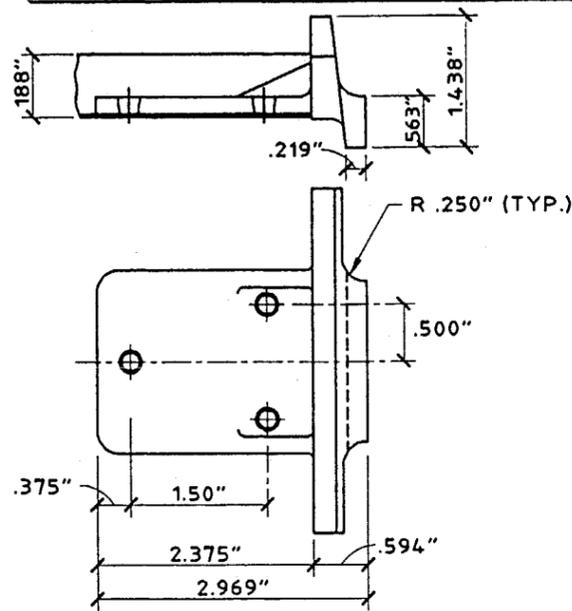
1 FLAT SLAT

SCALE: HALF SIZE
22 GAGE ASTM A446 GRADE C
MIN. 40 KSI STEEL GALV. IN
ACCORDANCE WITH ASTM A525 G90



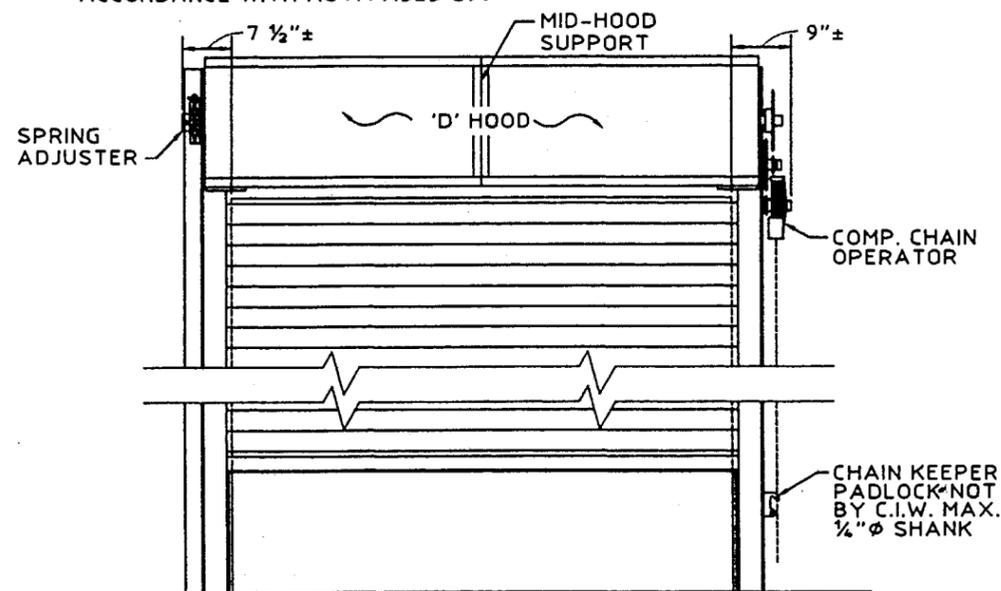
2 WIND LOCK

SCALE: HALF SIZE
CAST MALLEABLE IRON
GALVANIZED IN ACCORDANCE
WITH ASTM A525 G90



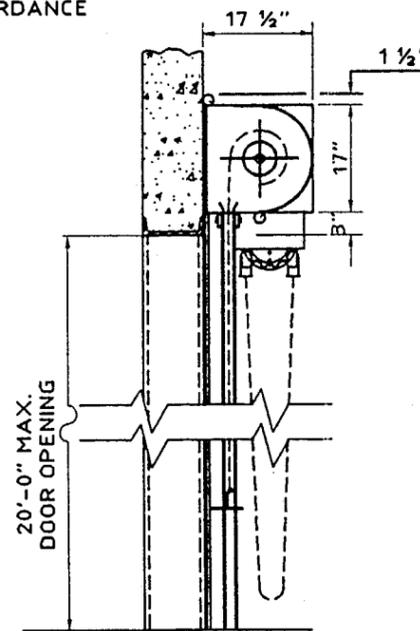
3 WIND LOCK GUIDE

SCALE: HALF SIZE
ASTM A36 STEEL



A FRONT ELEVATION

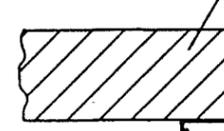
SCALE: 1/2" = 1'-0"



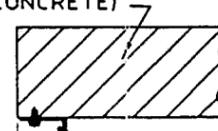
B SIDE ELEVATION

SCALE: 1/2" = 1'-0"

EXISTING STRUCTURE
(STEEL COLUMN, CONCRETE)



EXISTING STRUCTURE
(STEEL COLUMN, CONCRETE)



PRODUCT RENEWED
03-0925.01
10/23/97
By Miami Dade Product Control
Division

PRODUCT RENEWED

ACCEPTANCE No. 00-0508.01 1/2"
EXPIRATION DATE October 23, 2003

By PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

14'-4" MAX.
OPENING WIDTH
14'-5" MAX.
DISTANCE BETWEEN GUIDES

PLAN VIEW

SCALE: 1 1/2" = 1'-0"

APPROVED AS COMPLYING WITH THE ANCHOR CAPACITY FOR THIS ROLL-UP DOOR IS BASED ON 4000 PSI CONCRETE. PROVIDE 4" MINIMUM EMBEDMENT FOR ALL ANCHORS.

SOUTH FLORIDA BUILDING CODE
DATE October 23, 1997

BY PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE No. 96-1220.01

GENERAL NOTES:

- THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.
- POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7-88 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES". WIND LOADS DETERMINED FOR OPENINGS SHALL BE LESS THAN OR EQUAL TO DOOR DESIGN PRESSURES NOTED BELOW.
- PRODUCT MARKINGS SHALL BE WITHIN 12" OF ONE END OF THE DOOR WITH A MIN OF ONE MARKING PER DOOR AND SHALL BE LABELED AS FOLLOWS:

CORNELL
MOUNTAINTOP, PENNSYLVANIA
DADE COUNTY PRODUCT CONTROL APPROVED

- ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM Fy = 60 KSI TENSILE STRENGTH.
- THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201,202, AND 203.

POSITIVE DESIGN LOAD = 60 P.S.F.
NEGATIVE DESIGN LOAD = 60 P.S.F.

- DESIGN BASED ON ARCHITECTURAL TESTING, INC. (YORK PENNSYLVANIA) TEST REPORT No. ATI-15775.
- SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNATED AS Vx AND Vy HEREIN. CONTRACTORS SHALL HAVE FLORIDA REGISTERED PROFESSIONAL ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST SUPERIMPOSED LOAD Vx, Vy AND BRACKET LOADS SHOWN ON SHEET 2 OF 2.

- ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH A.W.S. SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO A.W.S. A5.1 GRADE E-70.

ANCHOR NOTES:

- EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURERS SPECIFICATIONS.

- DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.



KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS & PRODUCT TESTING
641 MOKENA DRIVE
MIAMI SPRINGS, FL 33166
PHONE: (305) 883-9571
FAX: (305) 883-9572
COPYRIGHT 1997 KNEZEVICH & ASSOCIATES, INC.

ROLL-UP DOOR
CORBELL
CRESTWOOD INDUSTRIAL PARK
MOUNTAINTOP, PENNSYLVANIA
(800) 233-8366

no.	date	description
1	7/26/97	J.P. COUNTY COMMENTS
2	9/23/97	J.P. COUNTY COMMENTS

V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No:
PE 0010985

SEP 22 1997

date	2/13/96
scale	AS NOTED
design by	JWK/J.P.
checked by	JWK
drawing no.	96-399
sheet	1 of 2



KNEZEVICH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & PRODUCT TESTING
 641 MOKENA DRIVE
 MIAMI SPRINGS, FL 33166
 PHONE: (305) 883-9571
 FAX: (305) 883-9572
 COPYRIGHT 1997 KNEZEVICH & ASSOCIATES, INC.

ROLL-UP DOOR

 CORROLL
 CRESTWOOD INDUSTRIAL PARK
 MOUNTAIN TOP, PENNSYLVANIA
 (800) 233-8366

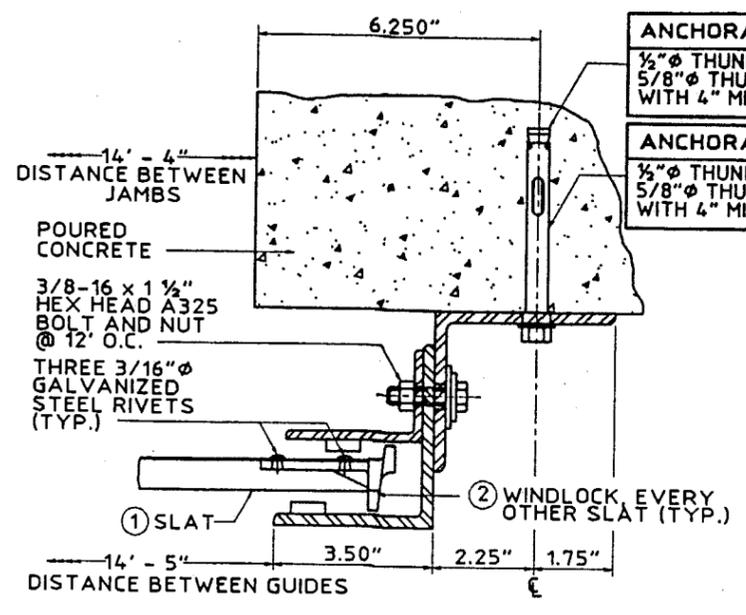
no.	date	description	BY	COUNTY COMMENTS
1	7/16/97	J.P.		
2	9/23/97	J.P.		

V.J. KNEZEVICH
 PROFESSIONAL ENGINEER
 FL License No:
 PE 0010983

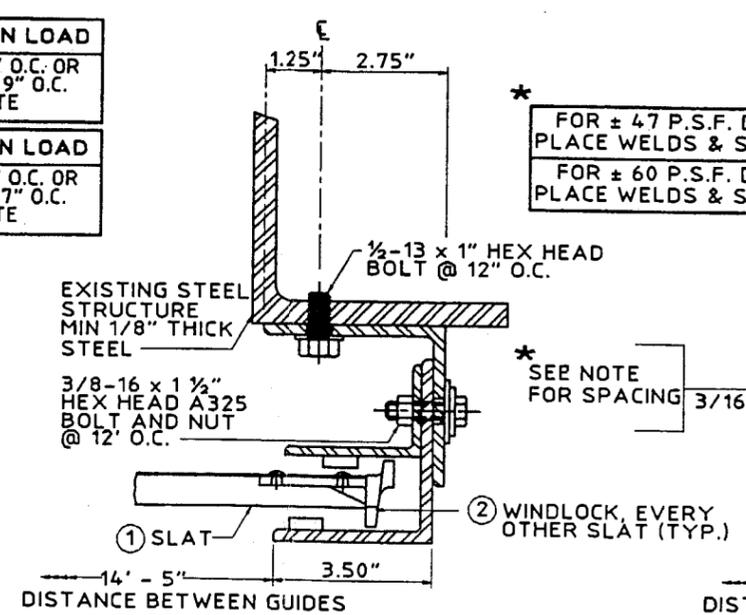
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE October 23, 1997

SEP 22 1997

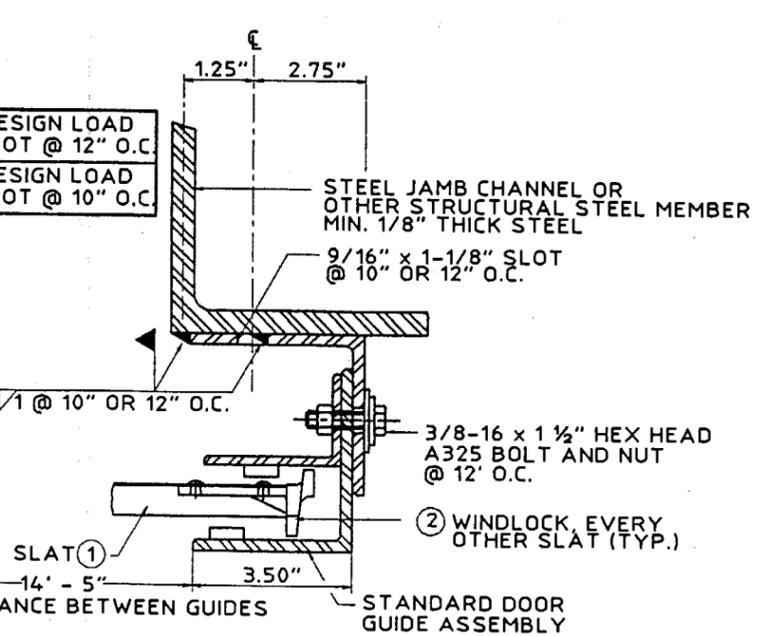
date	12/19/96
scale	AS NOTED
drawn by	gg
design by	JWK/JP
checked by	JWK
drawing no.	96-399
sheet	2 of 2



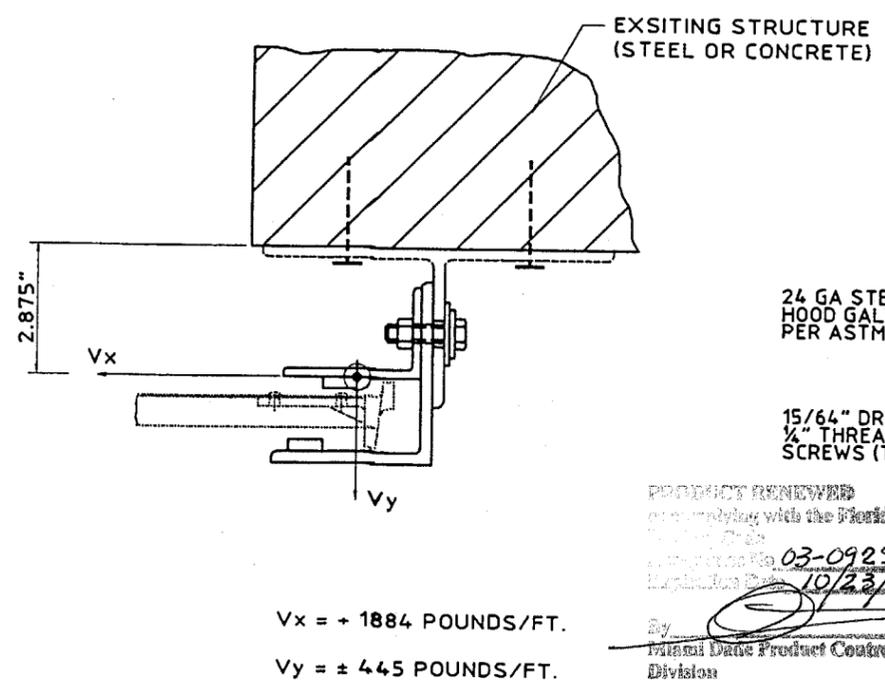
(A) GUIDE ASSEMBLY (4000 P.S.I. CONCRETE)
 SCALE: 3" = 1'-0"



(B) GUIDE ASSEMBLY (STEEL STRUCTURE)
 SCALE: 3" = 1'-0"

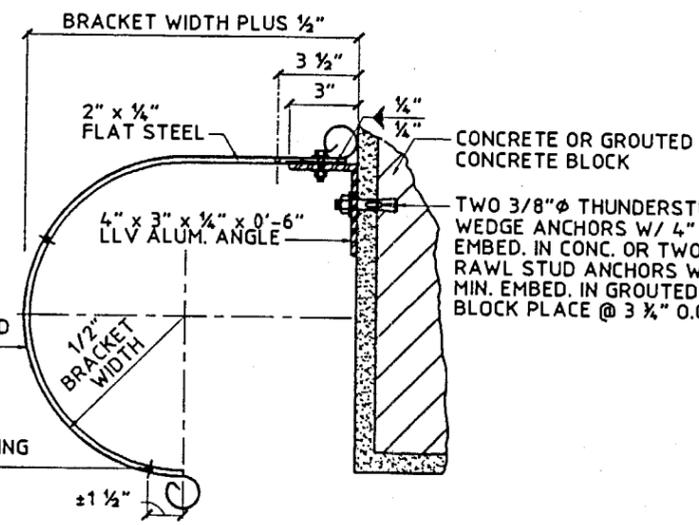


(C) GUIDE ASSEMBLY (STEEL STRUCTURE)
 SCALE: 3" = 1'-0"

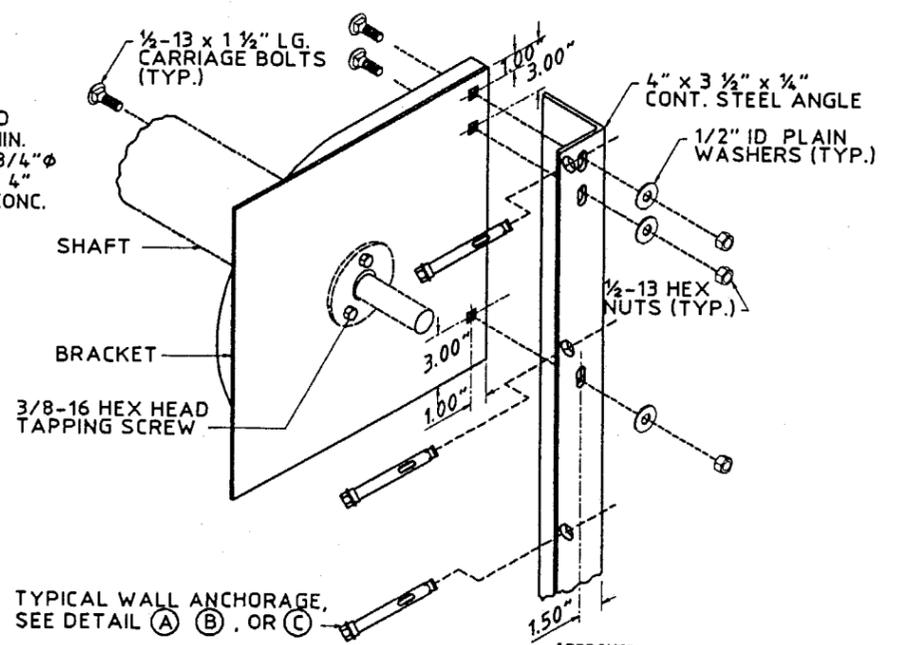


(D) SUPERIMPOSED LOAD DIAGRAM
 SCALE: 3" = 1'-0"

Vx & Vy FORCES ARE SHOWN AT THE CENTER OF FORCE. ANCHORS TO STRUCTURE ARE DESIGNED TO RESIST THE ECCENTRICITY INDICATED. EXISTING STRUCTURE SHALL BE CAPABLE OF RESISTING THE FORCES SHOWN AND THE CORRESPONDING REACTIONS AND MOMENT AT THE STEEL OR CONCRETE STRUCTURE.



(E) MID HOOD SUPPORT DETAIL
 SCALE: 1 1/2" = 1'-0"



(F) BRACKET DETAIL
 SCALE: 1 1/2" = 1'-0"

PRODUCT RENEWED
 ACCEPTANCE No. 00-0508.01
 EXPIRATION DATE October 23, 2003
 By [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE October 23, 1997
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE No. 96-1220.01