



Architectural Testing

PERFORMANCE TEST REPORT

Rendered to:

WAYNE-DALTON CORPORATION

SERIES/MODEL: 822

16' x 8'

PRODUCT: Rolling Steel Slat Door

Report No: 01-46387.01

Test Dates: 09/12/03

Thru: 09/22/03

Report Date: 11/14/03

Expiration Date: 09/22/13

Metro-Dade County Notification No: AT10350

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com



METRO-DADE COUNTY PERFORMANCE TEST REPORT

Rendered to:

WAYNE-DALTON CORPORATION
Rolling Door Division
14512 Lincoln Way East
Dalton, Ohio 44618

Report No: 01-46387.01
Test Dates: 09/12/03
Thru: 09/22/03
Report Date: 11/14/03
Expiration Date: 09/22/13
Dade County Notification No.: ATI03050

Project Summary: Architectural Testing, Inc. (ATI) was contracted by Wayne-Dalton Corporation to perform testing per Florida Building Code Test Protocols TAS 201-94, TAS 202-94, and TAS 203-94. The tests were performed upon Series/Model 822, 16' x 8' rolling steel slat doors. The samples tested met the performance requirements set forth in each of the protocols for a +/- 47.0 psf *Design Load Rating*.

Test Procedure: The test specimens were evaluated in accordance with Florida Building Code Protocols TAS 201-94, *Impact Test Procedures*; TAS 202-94, *Criteria for Testing Impact and Non Impact Resistant Building Envelope Components Using Uniform Static Air Pressure*, and TAS 203-94, *Criteria For Testing Products Subject To Cyclic Wind Pressure Loading*.

Tensile Tests were conducted on the door curtain slats in accordance with ASTM E 8-01, *Standard Test Methods for Tensile Testing of Metallic Materials*.

Test Specimen Description:

Product: Series/Model 822 Rolling Steel Slat Door

General Description: Four (4) steel rolling doors were tested. The doors are referenced throughout this report as test units #1, #2, #3 and #4. Each unit was tested to the following Florida Building Code Test Protocols:

Test unit #1 was tested to TAS 202-94 (Wind loads); Test unit #2 was tested to TAS 202-94 (Wind loads), TAS 201-94 (Impact) and TAS 203-94 (Cyclic Wind Loads). Test unit #3 and Test unit #4 were tested to TAS 201-94 (Impact) and TAS 203-94 (Cyclic Wind Loads).

The overall size of the doors was 16' 3-1/4" wide by 9' 6-1/2" high. The test fixtures provided a clear opening measuring 16' 0" wide by 8' 0" high. The doors were constructed with steel slats fabricated with 0.031" (22 gauge - U.S. Standard) thick slats. Windlocks were located at the ends of every slat and fastened with two rivets per end. Two different size windlocks were utilized and were alternated every other slat. The doors employed an E-mount jamb track detail on the steel jamb and a Z-mount jamb track detail on the 3,000 psi grout filled concrete block jamb. The hood and roller assembly was tested to qualify an interior or exterior mounting configuration.

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Joseph A. Reed
17 Nov 2003

Test Specimen Description: (Continued)

The E-mount jamb tracks were attached to the steel frame with 5/8" x 1-1/2" tap bolts with washers located 6" from the bottom and on 18" centers thereafter. The Z-mount jamb tracks were attached to the concrete block with 5/8" x 6-1/2" kingpin wedge anchors located 6" from the bottom and on 18" centers thereafter. Reference attached drawing number 035-0005 for complete details. The doors were tested in a closed position and the operating chain was not hooked to the chain keeper.

Test Results: The following results have been recorded:

Protocol TAS 201-94 Impact Test Procedures

Missile weight: 9.1 lbs

Muzzle distance from test specimen: 17 ft.

Test Unit #2

Impact #1: Missile Velocity: 50.5 fps

Impact Area: Center of door curtain

Observations: Dent in slats at point of impact

Deflection: N/A

Result: Passed

Impact #2: Missile Velocity: 49.6 fps

Impact Area: Lower right corner of door curtain

Observations: Dent in slats at point of impact

Deflection: N/A

Result: Passed

General Note: See ATI Sketch #1 for impact locations.

Joseph A. Reed
17 Nov 2002

Test Results: (Continued)

Protocol TAS 201-94 *Impact Test Procedures*

Test Unit #3

Impact #1: Missile Velocity: 50.1 fps

Impact Area: Center of door curtain

Observations: Dent in slats at point of impact

Deflection: N/A

Result: Passed

Impact #2: Missile Velocity: 49.8 fps

Impact Area: Center of the hood

Observations: Dent in hood at point of impact

Deflection: N/A

Result: Passed

Impact #3: Missile Velocity: 49.9 fps

Impact Area: Lower left corner of door curtain

Observations: Dent in slats at point of impact

Deflection: N/A

Result: Passed

General Note: See ATI Sketch #2 for impact locations.

Joseph A. Reed
17 Nov 2023

Test Results : (Continued)

Protocol TAS 201-94 Impact Test Procedures

Test Unit #4

Impact #1: Missile Velocity: 49.7 fps

Impact Area: Center of door curtain

Observations: Dent in slats at point of impact

Deflection: N/A

Result: Passed

Impact #2: Missile Velocity: 50.2 fps

Impact Area¹: Lower left corner of door curtain

Observations²: Dent in slats at point of impact

Deflection: N/A

Result: Passed

General Note: See ATI Sketch #3 for impact locations.

Note: All three test units were operable upon completion of the impact tests.

Protocol TAS 202-94 Static Air Pressure Tests

Test Unit #1

Load (psf)	Deflection			Permanent Set			Percent Recovery
	#1	#2	#3	#1	#2	#3	
+35.50	0.380"	8.700"	0.360"	0.060"	0.200"	0.000"	98%
+47.00	0.400"	9.340"	0.400"	0.040"	0.200"	0.010"	98%
-35.50	0.560"	10.440"	0.650"	0.000"	0.040"	0.020"	>99%
-47.00	0.660"	11.080"	0.790"	0.010"	0.040"	0.020"	>99%
+71.00	0.000"	0.000"	0.000"	0.000"	0.000"	0.000"	00%
-71.00	0.000"	0.000"	0.000"	0.000"	0.000"	0.000"	00%

Note: The test specimen failed during the positive structural test load. The curtain released from the right guide at approximately +52.0 psf. A new door was installed and the guides were assembled with 5/8" diameter bolts, versus the 1/2" diameter bolts used on Unit #1, to minimize any chance for the guide angles to slide during test loads.

General Note: See ATI Sketch #4 for indicator locations.

Joseph A. Rios
17 Nov-2023

Test Results: (Continued)

Protocol TAS 202-94 Static Air Pressure Tests

Test Unit #2

Load (psf)	Deflection			Permanent Set			Percent Recovery
	#1	#2	#3	#1	#2	#3	
+35.50	0.300"	8.560"	0.280"	0.100"	0.080"	0.050"	>99%
+47.00	0.320"	9.180"	0.290"	0.100"	0.100"	0.050"	>99%
-35.50	0.450"	10.380"	0.780"	0.030"	0.280"	0.020"	97%
-47.00	0.520"	11.000"	0.880"	0.050"	0.360"	0.020"	97%
+71.00	0.390"	10.340"	0.380"	0.070"	0.000"	0.060"	99%
-71.00	0.660"	12.120"	1.130"	0.020"	0.180"	0.130"	99%

³Refer to ATI Drawing No. 4 for measurement locations.

Note: The test specimen was operable at the conclusion of the static load test.

General Note: Polyethylene film and tape were used in a manner that did not influence the test results. String lines/tape measure and linear transducers were used to record measurements.

Protocol TAS 203-94 Cyclic Wind Pressure Loading

Test Unit #2

Design Load: 47.0 psf

POSITIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	8.23 seconds	10.790"	-
0 psf to 28.2 psf	70	9.53 seconds	10.900"	-
0 psf to 61.1 psf	1	N/A	12.100"	0.980"

NEGATIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	10.49 seconds	9.380"	-
0 psf to 28.2 psf	70	12.31 seconds	9.580"	-
0 psf to 61.1 psf	1	N/A	9.990"	0.340"

Results - Passed

Joseph A. Reed
17 Nov 2003

Test Results: (Continued)

Test Unit #3

Design Load: 47.0 psf

POSITIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	9.03 seconds	10.170"	-
0 psf to 28.2 psf	70	10.93 seconds	10.290"	-
0 psf to 61.1 psf	1	N/A	11.380"	0.660"

NEGATIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	10.77 seconds	10.890"	-
0 psf to 28.2 psf	70	12.82 seconds	10.970"	-
0 psf to 61.1 psf	1	N/A	11.190"	0.380"

Results - Passed

Test Unit #3

Design Load: 47.0 psf

POSITIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	9.03 seconds	9.390"	-
0 psf to 28.2 psf	70	10.93 seconds	9.560"	-
0 psf to 61.1 psf	1	N/A	10.870"	0.340"

NEGATIVE PRESSURE

Pressure Range	No. of Cycles	Average Cycle Time	Maximum Deflection	Permanent Set
0 psf to 23.5 psf	600	10.77 seconds	11.210"	-
0 psf to 28.2 psf	70	12.82 seconds	11.360"	-
0 psf to 61.1 psf	1	N/A	11.530"	0.310"

Results - Passed

Maximum allowable cycle time per checklist #0220: $((16' \times 8') - 75) \times 0.35 + 3 = 21.55 \text{ sec.}$

Note: Test specimens #3 and #4 were cycled at the same time utilizing one test chamber with two back to back openings. Following the cyclic testing, all three doors remained operable, and all anchors were intact. Polyethylene film and tape were used in a manner that did not influence the test results. Deflections were measured with linear transducers at the center of the door.

Joseph G. Reed
17 Nov 2003

Test Results: (Continued)

ASTM E8-01

Test Method: The test specimens were evaluated in accordance with ASTM E8-01, *Standard Test Methods for Tensile Testing of Metallic Materials*. The test specimens were machined and sized in compliance with section 6.0 of the standard. The specimens were tested using a Satec 50UD Universal Machine with a cross head speed of 0.2 in/min

Test Results: The test results are shown on test logs 18826 through 18832 (attached) and summarized in the following table.

Specimen	Yield Strength (psi)	Yield Strain (in/in)	Tensile Load (lbf)	Tensile Strength (psi)	Elongation (%)	Area Reduction (%)
1	40,933	0.0030	825	53,224	33.00	32.90
2	40,164	0.0038	827	53,354	31.00	29.00
3	42,486	0.0036	826	53,314	31.70	36.80
4	39,112	0.0031	828	53,388	30.00	34.20
5	38,825	0.0030	818	52,750	31.00	29.00
6	39,948	0.0026	825	53,198	31.40	27.70
Average	40,245	0.0032	825	53,205	31.40	31.60

The average Tangent Modulus for the tested specimens was 33.0×10^6 psi.

Test Equipment:

Cannon: Constructed from steel pipe utilizing compressed air to propel the missile(s)

Missile(s): 2 by 4 Southern Pine

Timing Device: Electronic Beam Type

Cycling Mechanism: Computer driven squirrel cage blower with electronic pressure measuring device

Deflection Measuring Device: Tape measure with 1/16" graduations and linear transducers.

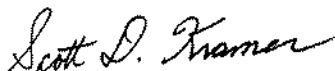
Joseph A. Kline
17 Nov 2003

Official Observers: The following representatives witnessed all or part of the testing.

Mark Daus	Wayne-Dalton Corporation
Mike Mendez	Wayne-Dalton Corporation
Joe Wise	Architectural Testing, Inc.
Joseph A. Reed, P.E.	Architectural Testing, Inc.
Steven M. Urich, P. E.	Architectural Testing, Inc.
Eric Rock	Architectural Testing, Inc.
Scott Kramer	Architectural Testing, Inc.

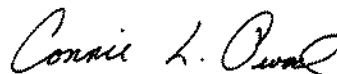
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of ten years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:



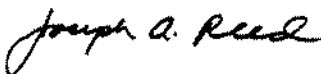
Digitally Signed by: Scott D. Kramer

Scott D. Kramer
Technician



Digitally Signed by: Connie L. Owad

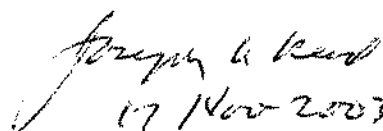
Connie Owad
Technician



Digitally Signed by: Joseph A. Reed

Joseph A. Reed, P.E.
Director - Engineering and Product Testing

SDK:baw
01-46387.01



17 Nov 2003

DOCUMENT CONTROL ADDENDUM #01-46387.01

Current Issue Date: 11/14/03

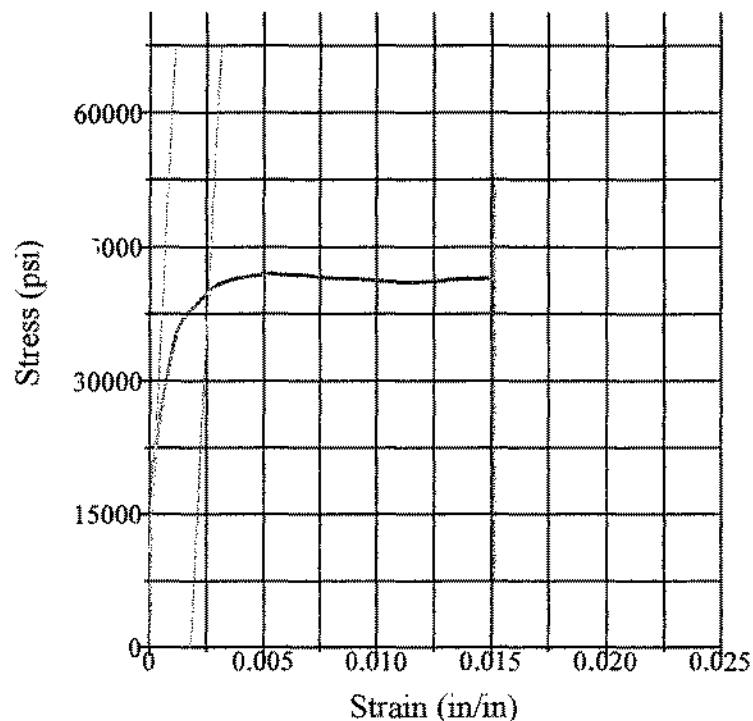
Report No.: 01-46387.01

Requested by: Mark Daus, Wayne-Dalton Corporation

Purpose: Metro-Dade County Protocols TAS 201, TAS 202 and TAS 203 testing on
Series/Model 822 Rolling Steel Slat Door, 10' x 8'.

Issued Date: 11/14/03

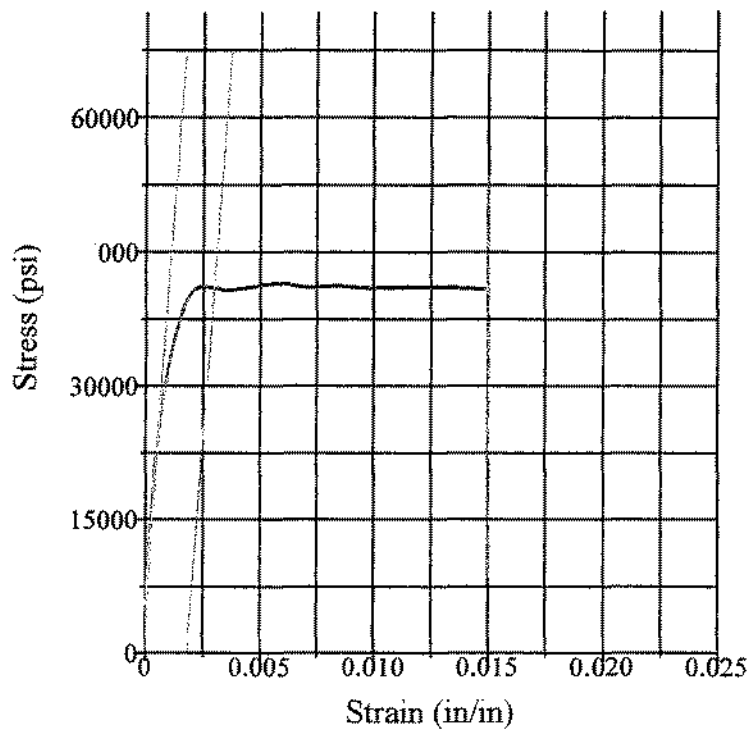
Comments: Florida P.E. seal required on report.



Width: 0.5015 in
 After Test Width: 0.3990 in
 Thickness: 0.0310 in
 After Test Thickness: 0.0280 in
 Area: 0.0155 in²
 After Test Area: 0.0112 in²
 Tensile Strength: 53198 psi
 Peak Load: 825 lbf
 Load at Yield: 619.1994 lbf
 Position at Yield: 0.0762 in
 Time at Yield: 0.3844 min
 Strain at Yield: 0.0026 in/in
 Stress at Yield: 39948.3500 psi
 Elongation at Yield: 0.0052 in
 Reduction of Area: 27.7 %
 Total Elongation: 31.4000 %
 Pretest Punch Length: 2.000 in
 Posttest Punch Length: 2.628 in
 Modulus of Elasticity: 51754500 psi

Test Summary

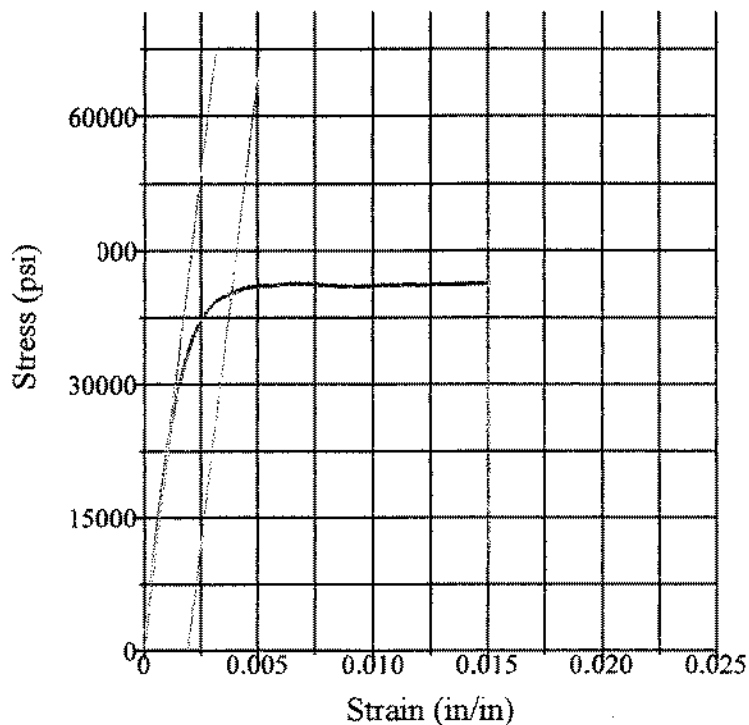
Counter: 18832
 Elapsed Time: 00:04:18
 ATI #: 01-46387
 Client: Wayne Dalton Corp
 Material Type: Rolling Steel Door
 Sample #: 6
 Comments: Model 822 16' x 8'
 Procedure Name: ASTM E 8-01, Tensile Testing of
 Start Date: 10/15/03
 Start Time: 4:07:39 PM
 End Date: 10/15/03
 End Time: 4:11:57 PM
 Workstation: Architectural Testing Inc.
 Tested By: Joe



Width: 0.5000 in
 After Test Width: 0.3855 in
 Thickness: 0.0310 in
 After Test Thickness: 0.0270 in
 Area: 0.0155 in²
 After Test Area: 0.0104 in²
 Tensile Strength: 53224 psi
 Peak Load: 825 lbf
 Load at Yield: 634.4564 lbf
 Position at Yield: 0.0751 in
 Time at Yield: 0.3789 min
 Strain at Yield: 0.0030 in/in
 Stress at Yield: 40932.6800 psi
 Elongation at Yield: 0.0059 in
 Reduction of Area: 32.9 %
 Total Elongation: 32.9500 %
 Pretest Punch Length: 2.000 in
 Posttest Punch Length: 2.659 in
 Modulus of Elasticity: 35388800 psi

Test Summary

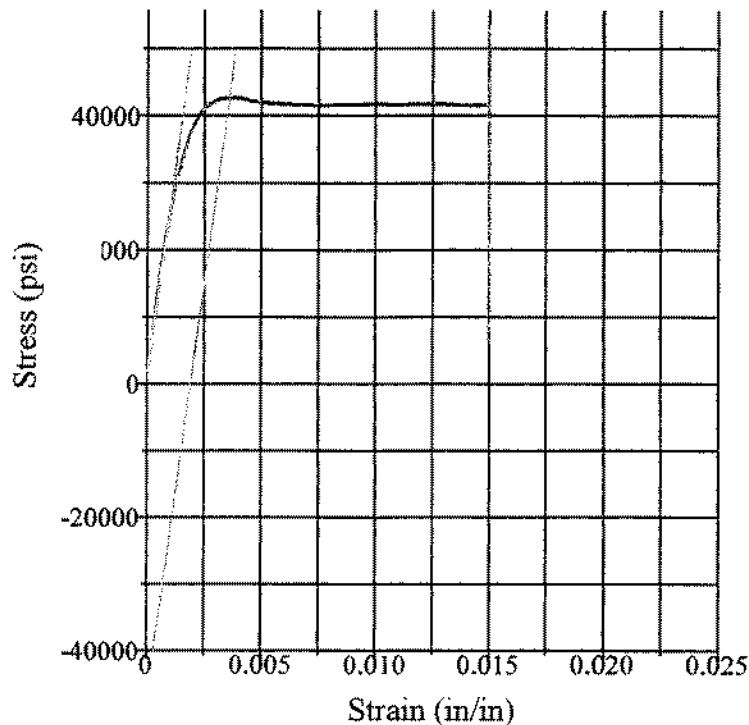
Counter: 18826
 Elapsed Time: 00:04:24
 ATI #: 01-46387
 Client: Wayne Dalton Corp
 Material Type: Rolling Steel Door
 Sample #: 1
 Comments: Model 822 16' x 8'
 Procedure Name: ASTM E 8-01, Tensile Testing of
 Start Date: 10/15/03
 Start Time: 3:16:33 PM
 End Date: 10/15/03
 End Time: 3:20:57 PM
 Workstation: Architectural Testing Inc.
 Tested By: Joe



Width: 0.5010 in
 After Test Width: 0.3940 in
 Thickness: 0.0310 in
 After Test Thickness: 0.0280 in
 Area: 0.0155 in²
 After Test Area: 0.0110 in²
 Tensile Strength: 53354 psi
 Peak Load: 827 lbf
 Load at Yield: 622.5476 lbf
 Position at Yield: 0.0713 in
 Time at Yield: 0.3598 min
 Strain at Yield: 0.0038 in/in
 Stress at Yield: 40164.3600 psi
 Elongation at Yield: 0.0077 in
 Reduction of Area: 29.0 %
 Total Elongation: 31.0000 %
 Pretest Punch Length: 2.000 in
 Posttest Punch Length: 2.62 in
 Modulus of Elasticity: 20697500 psi

Test Summary

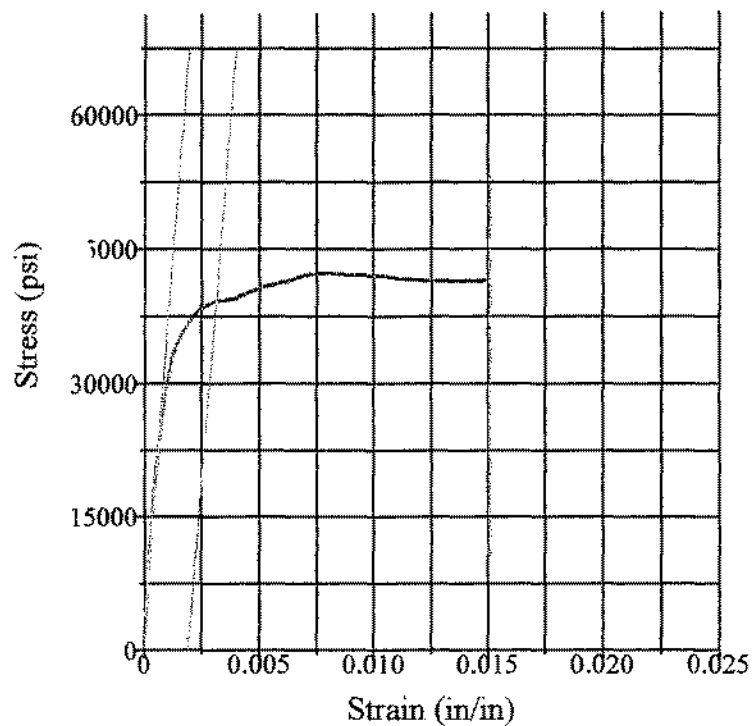
Counter: 18828
 Elapsed Time: 00:04:10
 ATI #: 01-46387
 Client: Wayne Dalton Corp
 Material Type: Rolling Steel Door
 Sample #: 2
 Comments: Model 822 16' x 8'
 Procedure Name: ASTM E 8-01, Tensile Testing of
 Start Date: 10/15/03
 Start Time: 3:37:44 PM
 End Date: 10/15/03
 End Time: 3:41:54 PM
 Workstation: Architectural Testing Inc.
 Tested By: Joe



Width: **0.5010 in**
 After Test Width: **0.3905 in**
 Thickness: **0.0310 in**
 After Test Thickness: **0.0250 in**
 Area: **0.0155 in²**
 After Test Area: **0.0098 in²**
 Tensile Strength: **53314 psi**
 Peak Load: **826 lbf**
 Load at Yield: **658.5288 lbf**
 Position at Yield: **0.0694 in**
 Time at Yield: **0.3502 min**
 Strain at Yield: **0.0036 in/in**
 Stress at Yield: **42485.7200 psi**
 Elongation at Yield: **0.0072 in**
 Reduction of Area: **36.8 %**
 Total Elongation: **31.6500 %**
 Pretest Punch Length: **2.000 in**
 Posttest Punch Length: **2.633 in**
 Modulus of Elasticity: **24999900 psi**

Test Summary

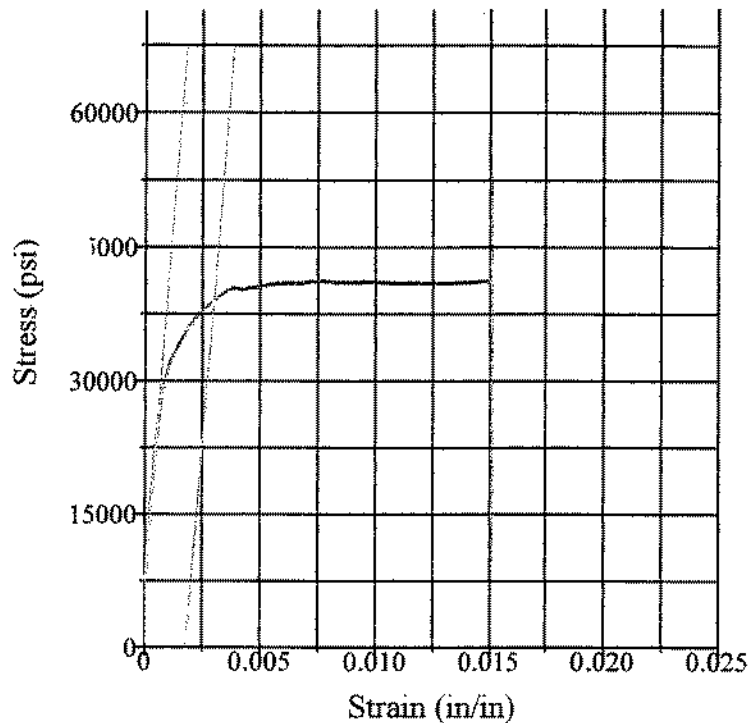
Counter: **18829**
 Elapsed Time: **00:04:22**
 ATI #: **01-46387**
 Client: **Wayne Dalton Corp**
 Material Type: **Rolling Steel Door**
 Sample #: **3**
 Comments: **Model 822 16' x 8'**
 Procedure Name: **ASTM E 8-01, Tensile Testing of**
 Start Date: **10/15/03**
 Start Time: **3:45:39 PM**
 End Date: **10/15/03**
 End Time: **3:50:01 PM**
 Workstation: **Architectural Testing Inc.**
 Tested By: **Joe**



Width:	0.5005 in
After Test Width:	0.3910 in
Thickness:	0.0310 in
After Test Thickness:	0.0260 in
Area:	0.0155 in ²
After Test Area:	0.0102 in ²
Tensile Strength:	53388 psi
Peak Load:	828 lbf
Load at Yield:	606.2407 lbf
Position at Yield:	0.0788 in
Time at Yield:	0.3973 min
Strain at Yield:	0.0031 in/in
Stress at Yield:	39112.3000 psi
Elongation at Yield:	0.0062 in
Reduction of Area:	34.2 %
Total Elongation:	30.0000 %
Pretest Punch Length:	2.000 in
Posttest Punch Length:	2.60 in
Modulus of Elasticity:	32261700 psi

Test Summary

Counter:	18830
Elapsed Time:	00:04:17
ATI #:	01-46387
Client:	Wayne Dalton Corp
Material Type:	Rolling Steel Door
Sample #:	4
Comments:	Model 822 16' x 8'
Procedure Name:	ASTM E 8-01, Tensile Testing of
Start Date:	10/15/03
Start Time:	3:53:11 PM
End Date:	10/15/03
End Time:	3:57:28 PM
Workstation:	Architectural Testing Inc.
Tested By:	Joe

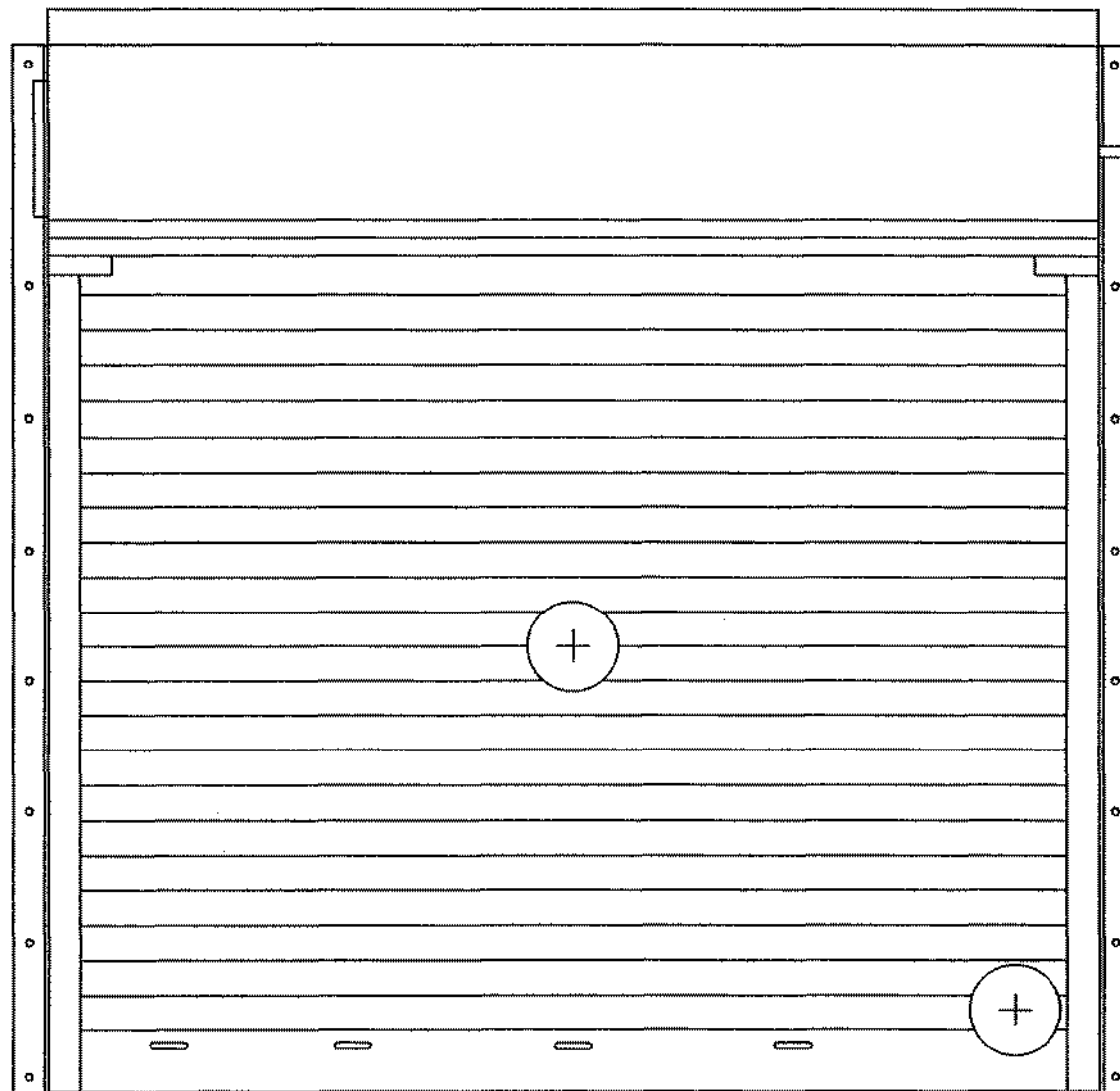


Width: 0.5010 in
 After Test Width: 0.3930 in
 Thickness: 0.0310 in
 After Test Thickness: 0.0280 in
 Area: 0.0155 in²
 After Test Area: 0.0110 in²
 Tensile Strength: 52750 psi
 Peak Load: 818 lbf
 Load at Yield: 601.7914 lbf
 Position at Yield: 0.0705 in
 Time at Yield: 0.3557 min
 Strain at Yield: 0.0030 in/in
 Stress at Yield: 38825.2600 psi
 Elongation at Yield: 0.0060 in
 Reduction of Area: 29.0 %
 Total Elongation: 31.0000 %
 Pretest Punch Length: 2.000 in
 Posttest Punch Length: 2.62 in
 Modulus of Elasticity: 32751700 psi

Test Summary

Counter: 18831
 Elapsed Time: 00:04:20
 ATI #: 01-46387
 Client: Wayne Dalton Corp
 Material Type: Rolling Steel Door
 Sample #: 5
 Comments: Model 822 16' x 8'
 Procedure Name: ASTM E 8-01, Tensile Testing of
 Start Date: 10/15/03
 Start Time: 4:00:26 PM
 End Date: 10/15/03
 End Time: 4:04:46 PM
 Workstation: Architectural Testing Inc.
 Tested By: Joe

REV	DATE	DESCRIPTION	BY



⊕ = IMPACT LOCATION

PROJECT NO.
01-46387.01
120-18

PROJECT NAME: SERIES/MODEL 822 - DADE
CLIENT: WAYNE-DALTON CORPORATION



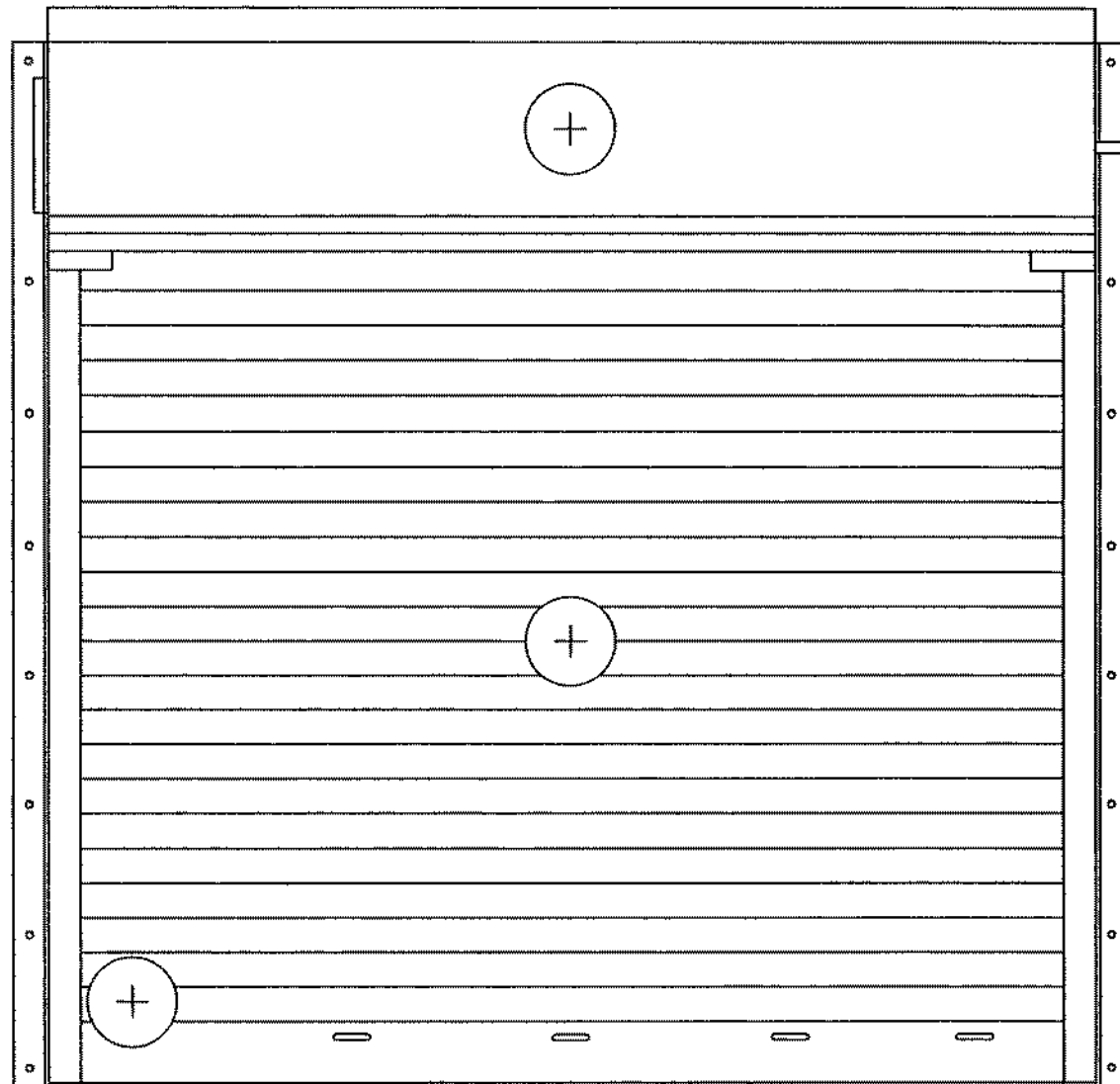
DRAWING

TEST UNIT #2 IMPACT LOCATIONS

DWG. BY: DAS
DATE: 10/29/03

SHEET 1 OF 4

REV	DATE	DESCRIPTION	BY



(+) = IMPACT LOCATION

PROJECT NO.
01-46387.01
120-18

PROJECT NAME: SERIES/MODEL 822 - DADE
CLIENT: WAYNE-DALTON CORPORATION

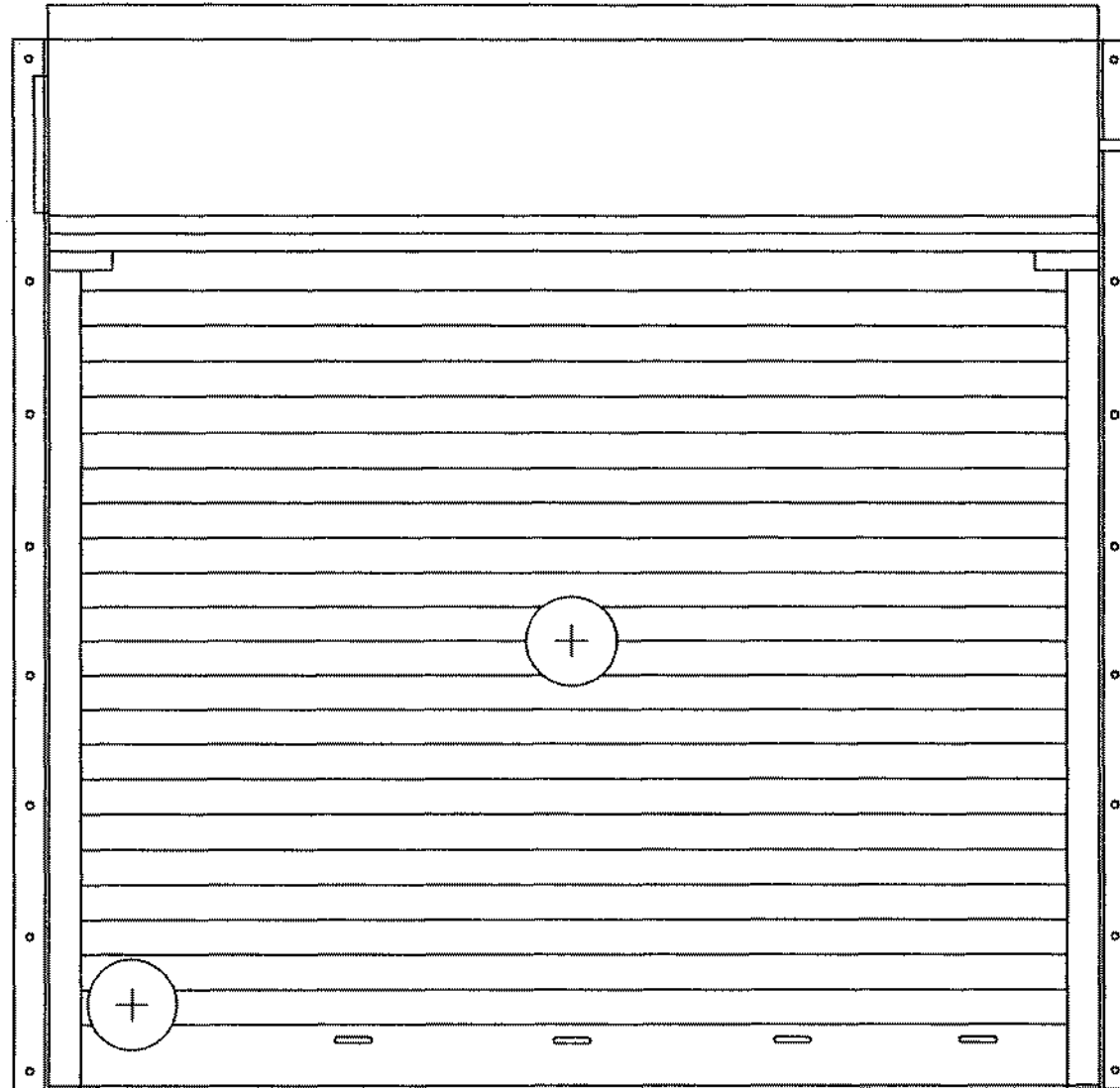


DRAWING
TEST UNIT #3 IMPACT LOCATIONS

DWG. BY:
DAS
DATE:
10/29/03

SHEET
2
OF
4

REV	DATE	DESCRIPTION	BY



⊕ = IMPACT LOCATION

PROJECT NO.
01-46387.01
120-18

PROJECT NAME: SERIES/MODEL 822 - DADE
CLIENT: WAYNE-DALTON CORPORATION



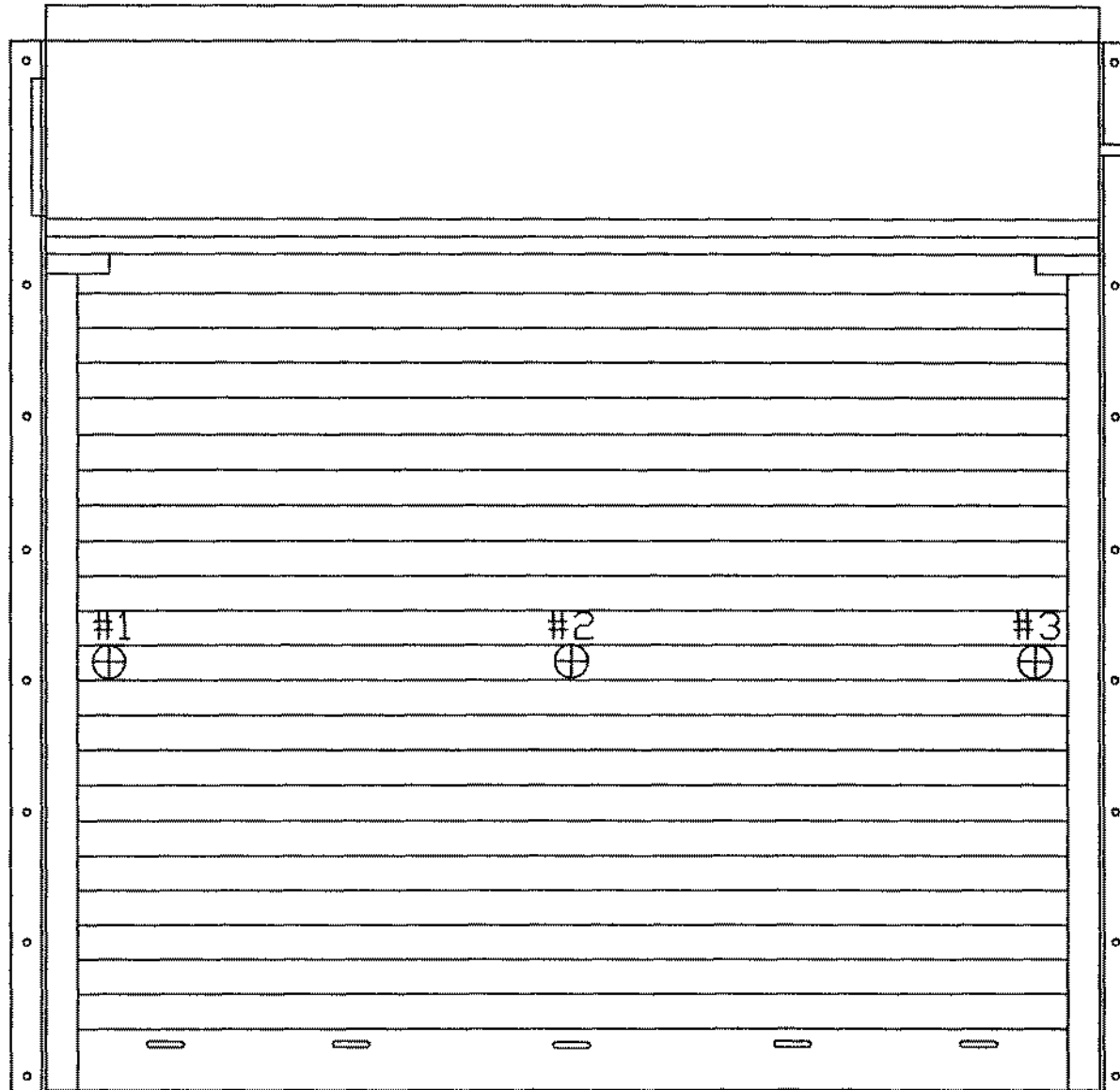
DRAWING

TEST UNIT #4 IMPACT LOCATIONS

DWG. BY:
DAS
DATE:
10/29/03

SHEET
3 OF
4

REV	DATE	DESCRIPTION	BY



⊕ = DEFLECTION MEASUREMENT LOCATION

PROJECT NO.
01-46387.01
120-18

PROJECT NAME: SERIES/MODEL 822 - DADE
CLIENT: WAYNE-DALTON CORPORATION



DRAWING
DEFLECTION MEASUREMENT LOCATIONS

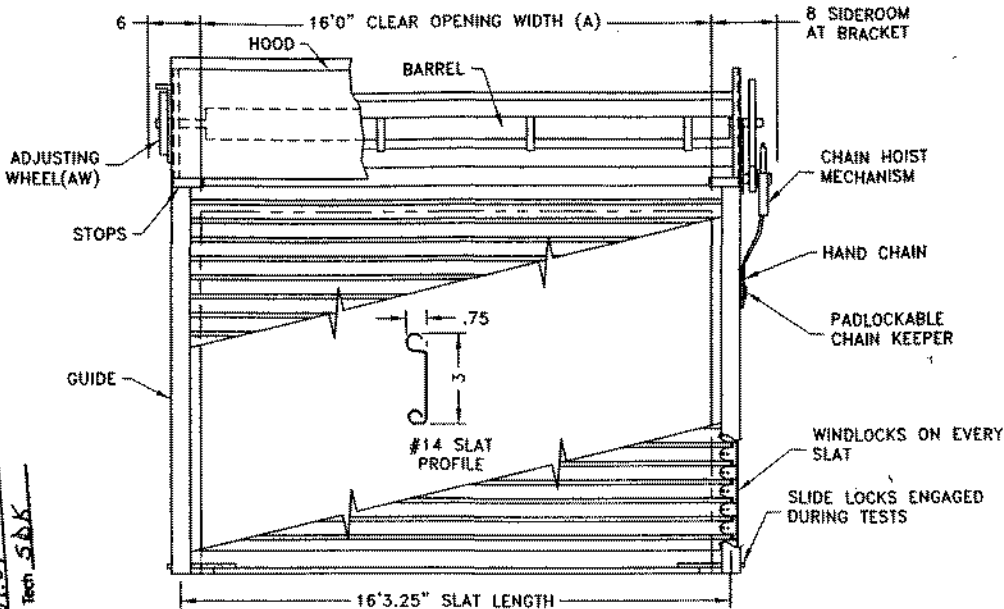
DWG. BY: DAS
DATE: 10/29/03

SHEET
4 OF 4

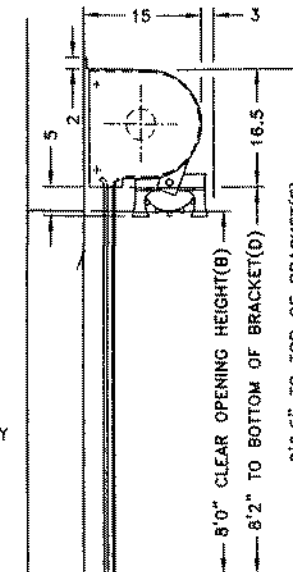
ARC. Structural Testing

Test sample complies with these details.
 Deviations are noted.

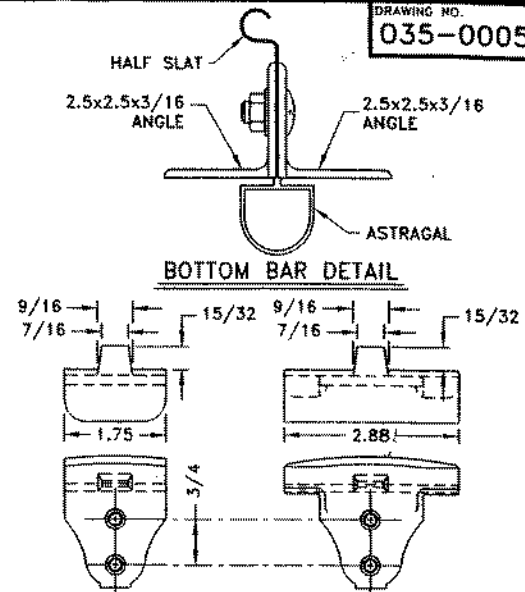
Report: 01-46-287.61
 Date: 10-31-02 Tech: S.B.K.



COILSIDE ELEVATION



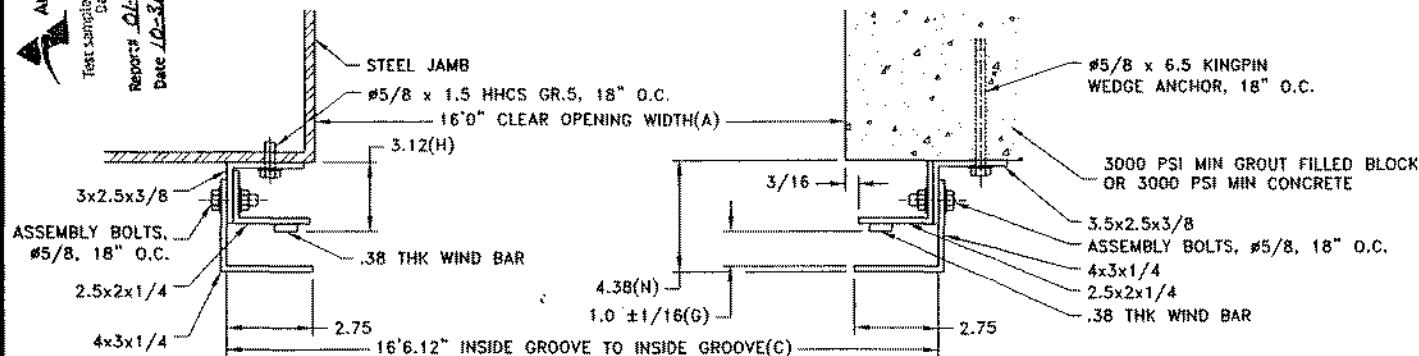
VERTICAL DETAIL



NOTES:

1. UNIFORM STATIC AIR PRESSURE TEST PERFORMED PER TAS 202
2. LARGE MISSILE IMPACT TEST PERFORMED ON 3 SAMPLES PER TAS 201 TO QUALIFY INTERIOR & EXTERIOR MOUNT
3. CYCLIC PRESSURE TEST PERFORMED ON 3 SAMPLES PER TAS 203
4. TENSILE TEST PERFORMED ON CURTAIN PER ASTM E 8
5. TESTED BY ARCHITECTURAL TESTING, INC.
6. CURTAIN IS .028 MIN STEEL PER ASTM A 653, GR.40
7. GUIDE ANGLES ARE STRUCTURAL STEEL PER ASTM A 36
8. HOOD IS 24GA GALVANIZED STEEL

TEST	DATE	TEST REPORT NUMBER	RESULTS
UNIFORM STATIC AIR PRESSURE	.	.	.
LARGE MISSILE IMPACT	.	.	.
CYCLIC PRESSURE	.	.	.
TENSILE	.	.	.



GUIDE DETAIL

PART NUMBER	WEIGHT (LB.)	TITLE	DRAWN BY	CHECKED BY	APPROV. BY	TOLERANCES (UNLESS OTHERWISE SPECIFIED)	 Wayne Dalton Rolling Door Division 9432 Lincoln Way E. Dalton, Ohio 44618
REFERENCE		WINDLOAD TEST, 822. 16' x 8', #14 SLAT, HVHZ, ±47 PSF DESIGN (±71 PSF TEST)	M. DAUS 10/15/2003			LINEAR .X ± .060 LINEAR .XX ± .030 LINEAR .XXX ± .010 ANGULAR ± .50° DIMENSIONS IN INCHES	
		MATERIAL	SCALE - WHEN THIS BOX IS .50" HIGH	ORIGINAL RELEASE			
		AS SHOWN	NONE				

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REV.	REV'D. BY	APPROV. BY	RELEASE	DESCRIPTION

REVISIONS

SIZE	DRAWING NO.	REVISION
B	035-0005	