



Architectural Testing

FIELD TEST REPORT

Rendered to:

PARSONS BRINCKERHOFF CONSTRUCTION SERVICES, INC.
GM Tech Center Facilities Operation Building
Warren, Michigan 48090

ATI Report Identification: 02-46693.01
Test Dates: 08/26/03
Thru: 08/28/03
Report Date: 03/08/04

Test Site: VEC-GM Tech Center
GM Tech Center Facilities Operation Building
Warren, Michigan

Scope: Architectural Testing, Inc. (ATI) was contracted by Parsons Brinckerhoff Construction Services to conduct field water spray testing on the newly-installed United Sky's Inc. sloped aluminum glazed skylight system in the Vehicle Engineering complex, GM Tech Center, Warren, Michigan.

The performance criteria and test methods were furnished by Parsons Brinckerhoff Construction Services.

Test Method: Testing was conducted in accordance with AAMA 501.2-94, "*Field check of metal storefronts, Curtain Walls, and Sloped Glazing Systems for Water Leakage.*"

Test Results Summary:

AAMA 501.2-94 Spray Test

Pass

Test Procedure: AAMA 501.2 testing was conducted with a Monarch type B-25 #6.030 brass spray nozzle with a 1/2" FPT, manufactured by Monarch Manufacturing Works. Water was directed at the test specimen perpendicular to the curtain wall system. The water pressure to the nozzle was adjusted to produce 30 to 35 psi at the nozzle inlet. The nozzle was moved slowly back and forth along 5 linear feet of the framing and joints at a distance of 1 foot from the most exterior surface for a period of 5 minutes, starting at the bottom and working upward.

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Test Specimen Description:

Location: Above coffee shop in hub.
Window Type: United Sky's Inc. sloped aluminum glazed skylight system
Configuration: The whole system
Overall Size: 84' wide by 10' high

Test Results:

<u>Title of Test</u>	<u>Results</u>	<u>Allowed</u>
Water Penetration AAMA 501.2-94	No entry	No entry

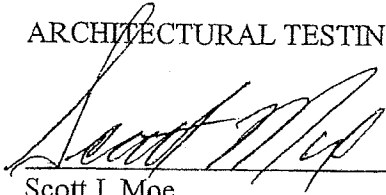
Witnesses: The following individuals witnessed all or part of the testing.

<u>Name</u>	<u>Company</u>
Michael Miller	Parsons Brinckerhoff
Steven Dork	Parsons Brinckerhoff
Craig	Parsons Brinckerhoff
Tony Chappel	Roncelli Construction
Thomas Potocki	Nova Consultants, Inc.
John Rieckhoff	C.L. Rieckhoff Co. Inc.
Edd Bud	C.L. Rieckhoff Co. Inc
Roger Putz	Modern Mirror & Glass Co.
Larry Mankin	Architectural Testing, Inc.
Scott Moe	Architectural Testing, Inc.

This field test report is prepared for the convenience of our customer and endeavors to provide accurate and timely project information. It contains a summary of observations made by a qualified representative of Architectural Testing, Inc. This report is intended to help in your Quality Assurance Program but it does not represent a continuous nor exhaustive evaluation. The statements made herein do not constitute approval, disapproval, certification or acceptance of performance nor materials.

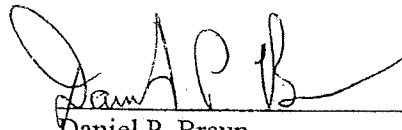
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ARCHITECTURAL TESTING, INC.



Scott J. Moe
Senior Technician

ARCHITECTURAL TESTING, INC.



Daniel P. Braun
Vice President, Regional Operations

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DOCUMENT CONTROL ADDENDUM 02-46693.00

Current Issue Date: 03/08/04

Report No. 02-46693.01

Requested by: Mike Miller, Parsons Brinckerhoff Construction Services.

Purpose: Field Test Report

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