HUNTINGDON ENGINEERING & ENVIRONMENTAL INC.
662 Cromwell Avenue
St. Paul, Minnesota 55114

COMPRESSION TEST OF 6" QUICK-MOUNT® PORCH POST FASTENER

Prepared for:
UNIVERSAL BUILDING SYSTEMS
Attn: Mark Grundy
3316 Gorham Avenue
St. Louis Park, MN 55426

Client Purchase Order Number: 2193

Huntingdon Engineering Project Number: 4140 95-0268

Date: November 8, 1994

Prepared By:

Scott W. Britzius
Mechanical Engineering Technologist
Mechanical/Metallurgical Department
Phone: (612) 659-7307

Reviewed By:

Arnis L. Kurmis
Mechanical Engineering Supervisor
Mechanical/Metallurgical Department

The test results contained in this report pertain only to the samples submitted for testing and not necessarily to all similar products.

Compression Test

INTRODUCTION:

This report presents the results of compression load tests conducted on three Quick-Mount® Porch Post Fasteners. The samples were submitted to our laboratory on November 2, 1994 by Mark Grundy of Universal Building Systems.

The scope of our work was limited to conducting compression load tests on the samples submitted to determine their maximum supporting load. Also, to provide a factual report of the results. The testing was conducted on November 7, 1994.

SUMMARY OF RESULTS:

Porch Post Fastener #	Maximum Support Load, lb.
1	49,030
2	47,650
3	49,160
Average	48,600

SAMPLE IDENTIFICATION:

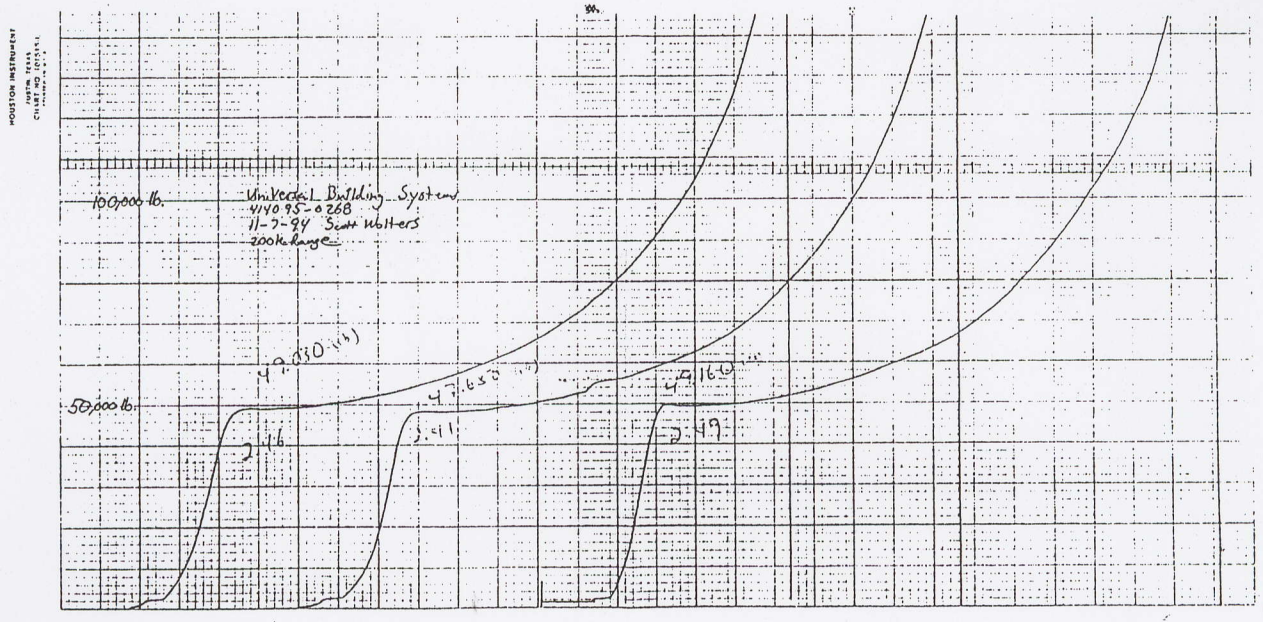
Submitted for testing - Three, 6 inch QUICK-MOUNT® Porch Post Fasteners, Manufactured by Universal Building Systems.

TEST METHODS:

The Porch Post Fasteners were compressed over their full surface area between parallel steel plates in a Tinius Olsen universal testing machine. Load deflection curves were charted during testing (see test data section) and the point where the compression yield occurred on the graph was used as the maximum support load.

TEST DATA:

Load Deflection Charts:



TEST EQUIPMENT:

Tinius Olsen Super L Testing Machine, HEE# MM210-002, Calibrated 10-18-94 due 4-18-95 using standards traceable to the NIST.

REMARKS:

The Porch Post Fasteners will be retained for thirty from the date of this report then discarded unless otherwise notified.

F:\HOME\SWB11082\WPFILES\95-0268