

CELEBRATING 111-YEARS



1904-2015

## SMITH-EMERY LABORATORIES

*An Independent Commercial Testing Laboratory, Established 1904  
781 East Washington Boulevard, Los Angeles, California 90021*

◆ Phone (213) 745-5333 ◆ Fax (213) 749-7232

**REPORT OF:**

**CONCENTRATED LOAD TESTING ON  
PORCELAIN PAVERS (MODIFIED ASTM C293)**

**PREPARED FOR:**

**RONNIE TABIBNIA**  
TILE TECH  
NATIONAL SALES  
4730 EAST 26TH STREET  
VERNON, CA 90058

**PROJECT NUMBER:**

43208-1

**REPORT NUMBER:**

L15-1138

**REPORT DATE:**

AUGUST 26, 2015



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**3.00 TEST RESULTS**

A total of four (4) paver samples were tested with concentrated vertical, and the results are summarized below in Tables 3-1 and 3-2. The load-displacement graphs are also included in Appendix B.

Table 3-1 Concentrated Load on Porcelain Pavers

Specimen	Maximum Load (lbs.)	Deflection at Max. Load (in.)	Remarks
S1	2,140	0.20	Paver cracked at the maximum load
S2	2,050	0.21	Paver cracked at the maximum load
S3	2,050	0.19	Paver cracked at the maximum load
Average	2,080	0.20	

Table 3-2 Concentrated Load on Hex-Tray + Porcelain Pavers

Specimen	Maximum Load (lbs.)	Deflection at Max. Load (in.)	Remarks
S7	1,910	0.23	Paver cracked at the maximum load



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**4.00 CONCLUSION AND CLOSURE**

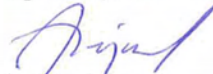
**4.01 Conclusion**

Based on the information given prior to and during the time of the testing, and results presented in this report, we make no statement of compliance or noncompliance to any standard or specification for the product tested.

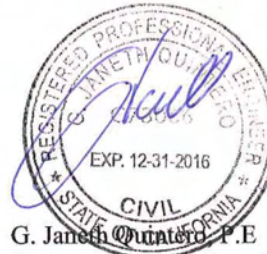
**4.02 Closure**

This report has been prepared for **TileTech Pavers** to be used in evaluation and/or design purposes only. The results presented in this report shall be only applied to the tested components. The use of this report for any other purposes shall be at the user's own discretion based on their own interpretation of the results contained within.

Respectfully Submitted,



Alex Contreras  
Staff Engineer



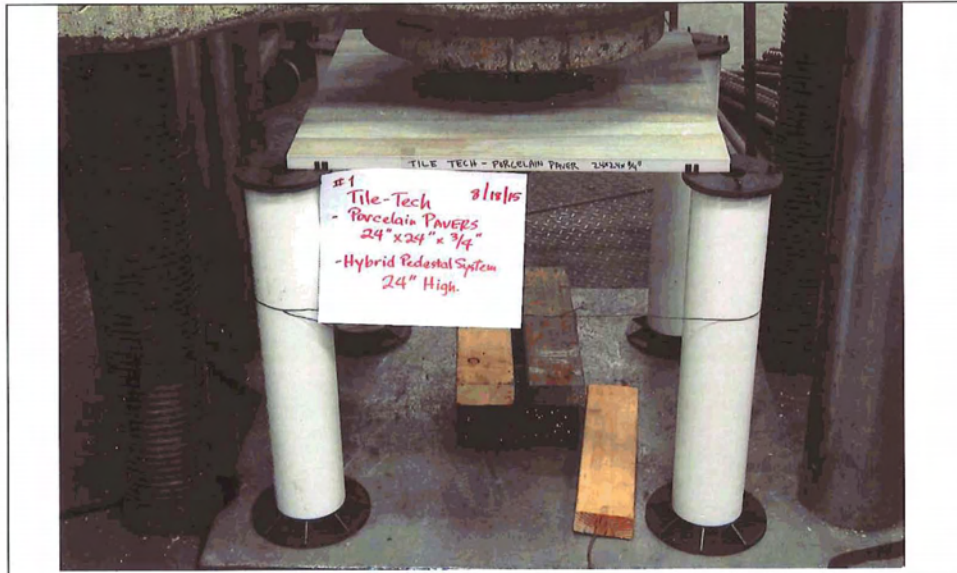
G. Janet Quintana P.E.  
Registered Civil Engineer No.: C73066  
Registration Expires: 12-31-16



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**Photo No. 1: General view of Porcelain Samples Setup**



**Photo No. 2: General view of Porcelain Samples Failure**



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**Photo No. 3:** General view of Hex-Tray Sample Setup



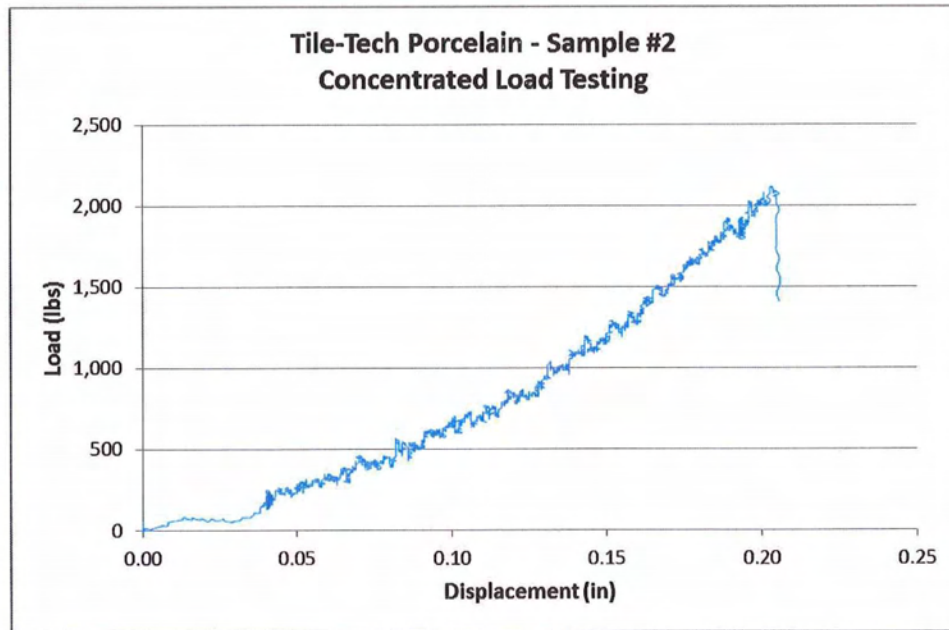
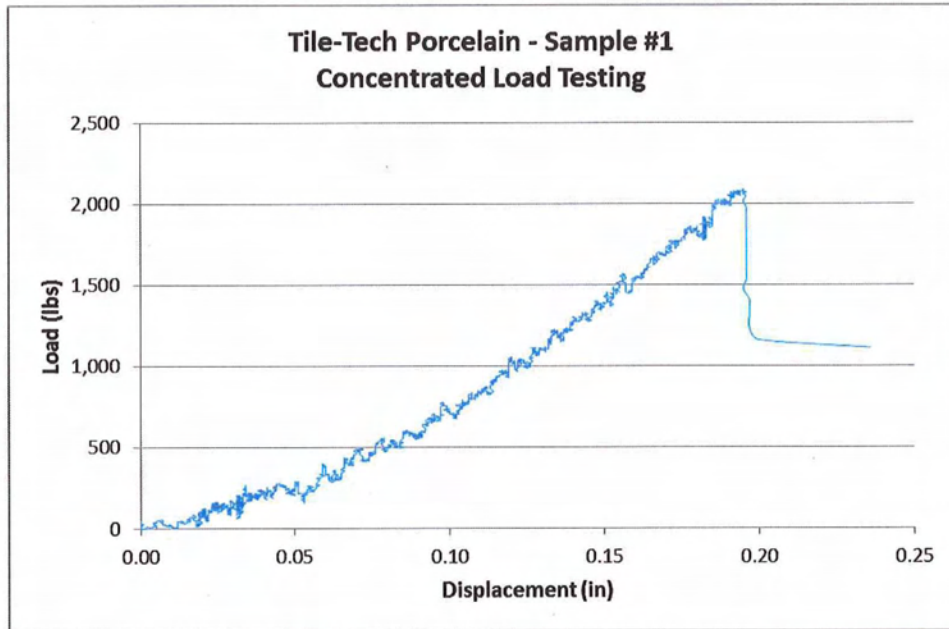
**Photo No. 4:** General view of Hex-Tray Sample Failure



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