**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*

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**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

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**PROJECT NUMBER:** 43208-1

**REPORT NUMBER:** L15-1138

**REPORT DATE:** AUGUST 26, 2015
SMITH-EMERY LABORATORIES
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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

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Maximum Load (lbs.)</th>
<th>Deflection at Max. Load (in.)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>2,140</td>
<td>0.20</td>
<td>Paver cracked at the maximum load</td>
</tr>
<tr>
<td>S2</td>
<td>2,050</td>
<td>0.21</td>
<td>Paver cracked at the maximum load</td>
</tr>
<tr>
<td>S3</td>
<td>2,050</td>
<td>0.19</td>
<td>Paver cracked at the maximum load</td>
</tr>
<tr>
<td>Average</td>
<td>2,080</td>
<td>0.20</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Maximum Load (lbs.)</th>
<th>Deflection at Max. Load (in.)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>S7</td>
<td>1,910</td>
<td>0.23</td>
<td>Paver cracked at the maximum load</td>
</tr>
</tbody>
</table>
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. James, P.E.
Registered Civil Engineer No.: C73066
Registration Expires: 12-31-16
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