

# TIERRA

May 4, 2012

Commercial Concrete Products  
2705 Sammonds Rd.  
Plant City, FL 33567-4556  
Attn: Mr. Terry Gillis

Subject: **Stair Tread Load Test Results**  
**Tierra Project No: 6111-08-039**

Mr. Gillis:

On May 4, 2012, Tierra, Inc. performed load tests on precast concrete stair threads delivered to our office on this date. We understand all specimens were 30 days of age and field cured.

The tests were performed utilizing a four (4) square inch piston located in the center of the tread as per Section 1607.1; Table 1607.1 – Item 35 – Note f of the 2010 Florida Building Code. The load was applied vertically with a calibrated compression test press and to failure. Three stair treads were tested from each size tread and the average load is reported below.

<b>Precast Concrete Stair Treads</b>	
<b>Tread Size (WxLxT)*</b>	<b>Final Load (pounds)</b>
12" x 36" x 2-1/4"	3520
12" x 39-1/2" x 2-1/4"	3250
12" x 42" x 2-1/4"	3220
12" x 44" x 2-1/4"	2780
12" x 47" x 2-1/4"	2430

\* Nominal dimensions as provided by client

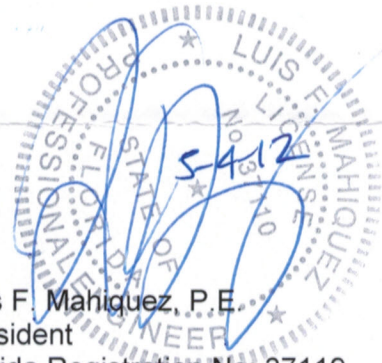
Tierra, Inc. appreciates the opportunity to provide professional services to Commercial Concrete Products. Please call us if you have any questions regarding this report.

Respectfully submitted,

**TIERRA, INC.**



Manuel J. Valdes, SET  
Construction Services Department Manager



Luis F. Manriquez, P.E.  
President  
Florida Registration No: 37119