

# TIERRA

May 1, 2005

Commercial Concrete Products  
2705 Sammonds Rd.  
Plant City, FL 33563

Attn: Mr. Terry Gillis

Subject: **Stair Tread Load Test Results**  
**Tierra Project No.: 6113-98-065**

Dear Mr. Gillis:

On May 1, 2005, Tierra, Inc. performed load tests on precast concrete stair treads delivered to our office on this date. The tests were performed in accordance with Southern Building Code (SBC) Standards utilizing a four (4) square inch piston located in the center of the tread. The load was applied vertically and to failure as indicated in Table 1203.3, page 273 of the SBC. The results of these tests are as follows:

<u>Glacial Finish Treads</u>	
<u>Tread Size</u>	<u>Maximum Load Applied (lbs)</u>
12" x 42"	
A	3450
B	3900
C	3600
12" x 39"	
A	3950
B	3850
C	3950
12" x 36"	
A	4800
B	4900
C	4900

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.**

Luis F. Mahiquez, P.E.  
President



Manuel J. Valdes, SET  
Engineering Assistant