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March 19, 2003

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Attention: Mr. Don Flood, Jr., P.E.

SUBJECT: PAVER BRICK FREEZE-THAW TESTING 50 CYCLES

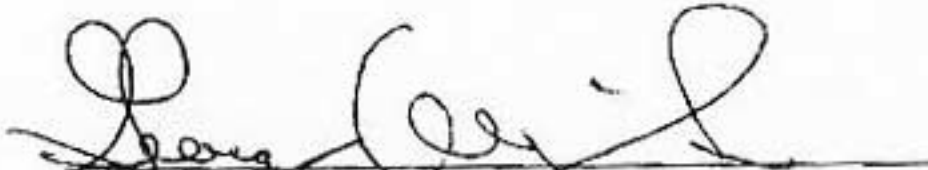
ACT PROJECT NO. 2301.03
Report No. 1 – 19 March 2003

On January 3, 2003, seven (7) nominal 6" x 12" size sections of artistic pavers were received by us for 50-cycle freeze-thaw testing per procedures outlined in ASTM C-67. All seven paver samples received were oven dried to a constant mass and dry weight recorded. Any faint hairline cracks were highlighted with a black marker. The pavers were subjected to 4 hours of soaking in a thawing tank, followed by 20 hours of freezing. After each of the 5 continuous freeze-thaw cycles, the samples were placed in a dry room for 44 hours prior to resumption of the freeze-thaw cycles as outlined in ASTM C-67.

After 50 freeze-thaw cycles were completed, all seven (7) samples were oven dried to a constant mass and weighed. No measurable weight loss or cracking from the freeze-thaw testing was noted for all seven paver samples tested. The paver samples tested passed the 50-cycle freeze-thaw requirements of ASTM C-67.

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by:



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