From: Green, Frank

To: Daly, Keith;
cc: Peppers, Nicki;

**Subject:** C8087 - Columbia River Test Pile Project - Question

**Date:** Thursday, January 06, 2011 4:36:32 PM

Greg Morrill from Bergeson Construction called and stated, in reference to the steel pile schedule on sheet PLS1 (sheet 3 of 12), that he is having another company calculate the hammer size that is needed for the project and that their initial results are showing that the pile will not be at the required capacity (1000 Tons) at the specified minimum tip (-110). Greg stated that this seems to be the issue at pile number A-3 and A-4 using boring log 008. I informed Greg that there are new boring logs as part of addenda 1 that may result in a different result for his analysis and to bid what is in the plans and specs.

## Frank Green

Structures Engineering Manager Columbia River Crossing 360.816.8855 (d) 360.600.2632 (m)