

**May 29, 2007**

## **Newton North High School Concrete Crushing**

The Design Team has been asked about the feasibility of relocation of the concrete crushing operation to off of the existing high school site. First, the existing stadium must be demolished to make room for the new building and playing fields. This work will be constantly monitored and controlled by the on site Licensed Site Professional (LSP) from McPhail Associates who will monitor dust and noise from this operation. The Massachusetts Department of Environmental Protection (DEP) strongly prefers this demolition material to stay on site and be recycled, leaving valuable landfill space for more suitable material. The Mayor and Board of Aldermen have made the creation of an environmentally friendly / LEED certified building project a priority. Concrete crushing is considered a sustainable activity, meeting specified LEED criteria and providing credit toward the project goal of LEED Certification. Crushing and recycling the material onsite is a most efficient construction process in terms of schedule and time, allowing the next logistical operations, foundations and structure, to move forward in an expedited manner. While concrete crushing can create dust and noise, which will be carefully monitored and controlled, relocation of this operation will require over 100 truck trips to remove the demolished material from the site, and approximately 90-100 truck trips to return the crushed material to the site for use. Finally, by recycling this material on site we are using material far safer at 1/ppm Lead than material brought to the site as "clean" fill that DEP defines as 100/ppm Lead.