



James Kane  
Director of Facilities  
Town of Natick

## PRICING ESTIMATES FOR HIGH SCHOOL IRRIGATION

Thursday , February 9, 2017

Dear Jim,

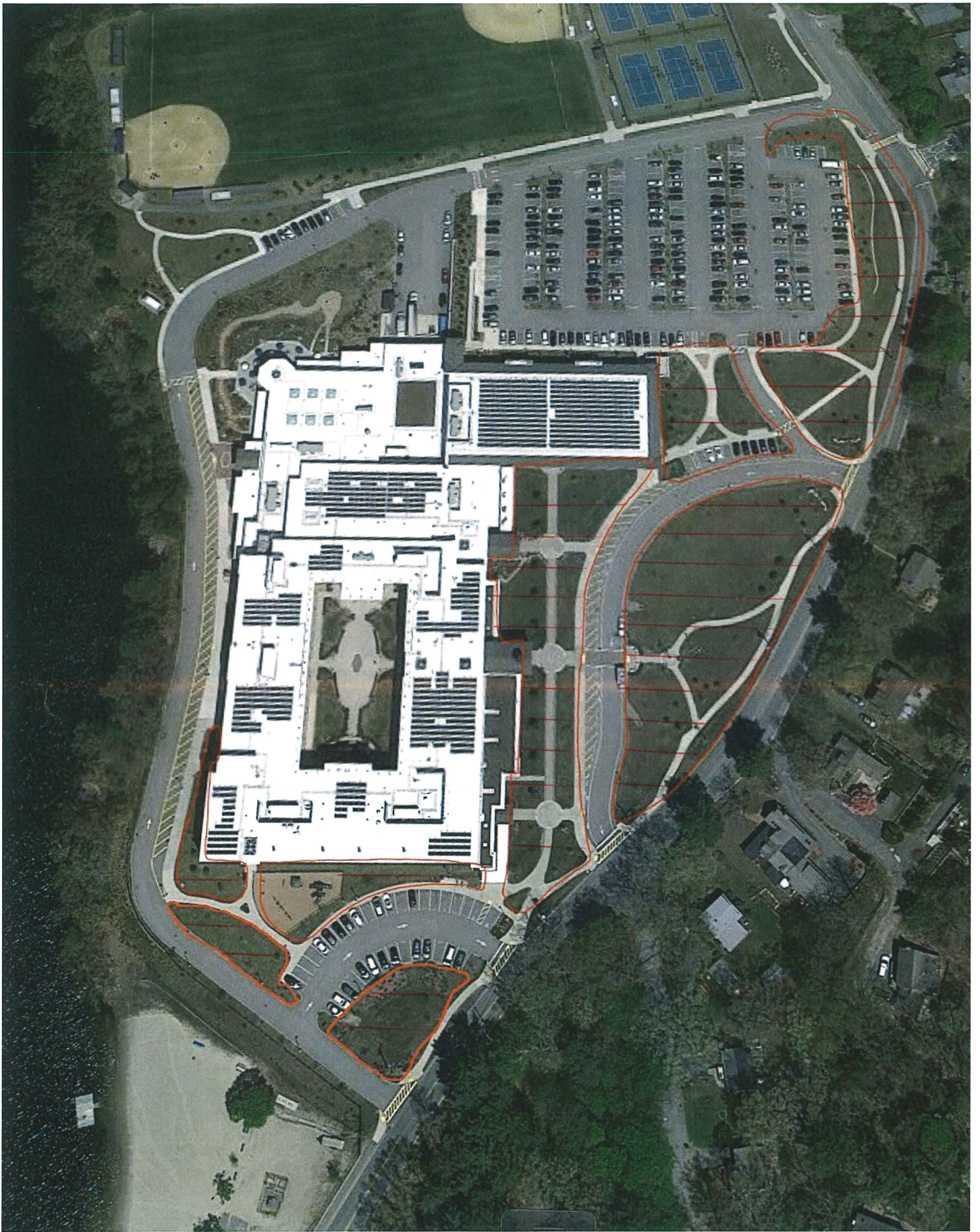
I am pleased to submit these pricing estimates for budget development concerning a new irrigation system at the Natick High School. The project is divided into 3 sections for an in depth understanding of the process we believe will deliver a cost effective and efficient irrigation solution.

1. Development of Groundwater Wells – Based on initial conversations we believe the development of groundwater wells could effectively deliver 45-60 gallons per minute at 70 psi. Projected costs of \$25,000 would include site analysis for a proposed well location, well construction, pump installation, output testing and electrical connection.
2. Roadway Crossing and Excavation – A major cost of the project is the installation of piping and wiring across existing paths and roadways. All crossings will be sleeved so that future maintenance can be completed efficiently. In many cases roadways and pathways will need to be cut so the sleeve can be installed and patched afterwards. This work will be covered under the scope of the irrigation system installation but will likely require the coordination of subcontractors and the town police to provide details during the scheduled work. Budget approximately \$50,000 for sleeving installation and roadway repairs
3. Irrigation System Installation – The installation of the irrigation system will include roughly 20 zones and a pvc mainline which connects the front island, the landscapes round the high school and the large lawn area between the parking lot and roadway. Budget approximately \$70,000 for irrigation installation for the marked areas below.



*Disclaimer: Due to the variability of subsurface conditions Smart Water Management does not guarantee water yield production or water quality under any circumstances. Initial testing provides a best estimate of success which cannot be verified until well construction is complete.*







List

Q Natick High School, West Str...

Done



Natick High School