

## Prenatt Music Center Belmont Hill School Belmont, MA

Client: Belmont Hill School

Contact: Gary Hall, Business Manager

Phone: 617. 484.4410



The project site is located on the 32 acre campus of the Belmont Hill School in Belmont, MA. The music building is a 15,000 sf, 2-story building that is located on the edge of the athletic fields. It lies in an area of the school that has historically had drainage problems due to the topography and soils.

BCG prepared the base mapping for the project area, to include underground utility location, wetland location, and topographic mapping of the site. It also provided civil engineering services for the new music building, including designing the utilities, which included: drainage, electric/fiber optic, gas, domestic and fire protection water, and sewer. The site required a storm water management system that eliminated the existing drainage problems in the quadrangle area and that also addressed the construction of the new building.

BCG provided construction surveying services and also provided construction overview for the utilities. The presence of ledge represented a potential significant additional cost to the owner. BCG used high density laser scanning to determine the volume of ledge removal so that the cost to the owner was minimized.

The project was completed in 2004.

