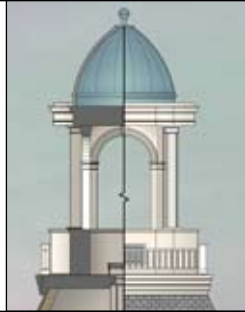
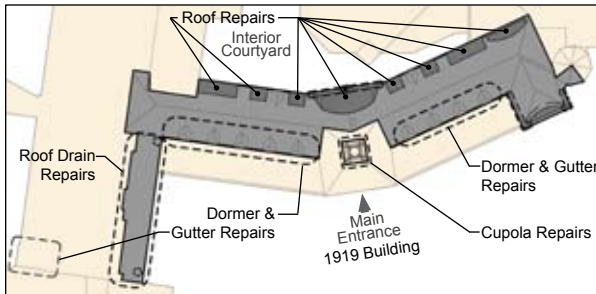


# Ridgewood High School

**Primary Service:** Architecture  
**Type:** Educational (H.S.)  
**Owner/Client:** Ridgewood Board of Ed.  
**Location:** Ridgewood, New Jersey  
**Cost:** \$1,023,000  
**Square Footage:** N/A  
**Completion Date:** Fall 2008  
**Contact:** Mr. Angelo DeSimone  
 Business Administrator  
 201.670.2670



PROJECT #2.2033.199



Site Key Plan



Shed Roof Replacement - Under Construction



New Cupola Dome



New Cupola

## Project Scope:

LAN is the Architect and Engineer of Record for miscellaneous phased renovations to the Ridgewood High School in Ridgewood, New Jersey.

Phase One addressed roofing issues on the 1919 section of the school. Slate shingles and damaged built-in copper gutters were replaced, new snow rails were installed, arched sections at the east side of this building were re-roofed with a new three-ply modified bituminous roof was installed and standing seam roofs on the shed dormers were replaced. Additionally, the existing wood-framed cupola was replaced. The scope of work associated with Phase One will be completed in May 2008.

Phase Two addressed masonry defects along the east side of the 1919 section of the school. The east elevation, which faces the interior courtyard of the school, exhibited pronounced failure of pre-cast concrete elements, including pre-cast concrete bands, cornice and other decorative elements. Rotating brick veneer indicated structural failure of window head lintels along this exterior wall. Significant water infiltration within the wall caused damage to the interior finishes. Phase Two included the removal of selected areas of existing masonry, removal of existing pre-cast lintels and installing new lintels above the windows. This phase also include removal and replacement of damaged or deteriorated pre-cast elements. The masonry repairs associated with Phase Two will commence in June 2008 and will be completed by Fall 2008.

Phase Three involved the renovation of the existing interior finishes that were damaged by years of water infiltration.

## Services Performed:

- Exploratory Masonry Investigations
- Architectural Design & Documentation
- Structural Engineering
- Cost Estimating
- Construction Administration & Observation



Cupola Removal - Under Construction

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