

GRISWOLD SCHOOLS

GRISWOLD, CONNECTICUT



CLIENT:	GRISWOLD, CT PUBLIC SCHOOLS
DATE OF COMPLETION:	2010
PROJECT COST:	\$650,000 (Site)
SERVICES PROVIDED:	CIVIL, DRAINAGE & GRADING DESIGN PERMITTING

Griswold's middle school required major expansion due to an increase in school population as well as code updates and rehabilitation to bring the school facility up to 21st century standards. The elementary school required total replacement due to inadequate facilities. Both schools are a part of the Town's school campus which also includes the high school. A major issue with the middle school was the comingling of parent and bus traffic for both morning drop-off and afternoon pick-up which was solved by creating two distinct traffic loops – one for buses and one for parents. Since the elementary school is a new facility the separate queuing and drop/pick-up loops were incorporated into the final design.

Services also included design of more parking and the installation of new utilities. The expanded parking required a pre and post hydrologic analysis for the design of a water quantity / quality detentions system. Also required was a hydraulic analysis of a stream system and detention pond for the entire campus to minimize increased flows from the reconstructed site. The project also required coordination / staging of construction due to the unique nature of this campus like facility which educates the town's entire school population in all three schools.

- Hydrologic & Hydraulic Analysis
- Site/Civil Design
- Drainage Design
- Grading Design
- Federal, State and Local Permitting
- Construction Documents
- Cost Estimates
- Inspections
- Construction Administration



*This project is illustrative of staff's experience prior to Stadia Engineering Associates, Inc.