



GILMORE & ASSOCIATES, INC.

FULL SERVICE CIVIL ENGINEERING & CONSULTING



A NEW SYNAGOGUE
TEMPLE JUDEA OF BUCKS COUNTY, SITE PLAN, FEBRUARY 2009



TEMPLE JUDEA Doylestown, PA

Gilmore & Associates, Inc. (G&A) was engaged by Temple Judea of Doylestown, PA to provide various engineering and consulting services in support of the development of an eight-acre property in Doylestown Township for their new synagogue.

As part of the sewage and soil planning/testing process, G&A explored multiple locations on the property for possible on-lot sewage disposal areas. G&A considered and performed testing for both conventional (in-ground and sand mound) and alternate (drip irrigation) sewage disposal systems. G&A performed both standard percolation testing and hydraulic conductivity testing in support of conventional sewage system use and for future design. G&A worked hand-in-hand with the County Health Department, municipality, and the regional Department of Environmental Protection (PADEP) for the required technical oversight.

As part of the sewage facilities planning process, G&A prepared a detailed analysis of the existing and proposed sewage flows to determine realistic sewage peak daily flows for the new synagogue. Additionally, in support of the sewage facilities planning, a thorough hydrogeologic report was prepared by G&A to determine nitrogen loading from the proposed on-lot sewage disposal system, and the impacts of an on-site water supply well on neighboring residential and commercial properties. Test pits and infiltration testing were also performed at the site, in support of the surface infiltration facility.

Final sewage facilities planning approval has been granted by the PADEP, and the project is currently out for construction bidding.



Services Provided by G&A

- Septic Planning & Testing
- Hydrogeologic Planning & Testing
- Stormwater Testing
- Survey
- Site/Civil Design
- Water Supply Engineering

Client Information

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