



Aaron Walsh

CAD Technician



Professional Credentials

EPA Universal HVAC Technician Certification
No.: P2CBA37EE22F71E70

Areas of Expertise

Architectural, Mechanical, Civil Drafting • Project Management •
Site Development • Groundwater Modeling • Data Collection •
Website Design

Education

A.S., CAD Technology, Middlesex Community College,
Bedford, MA (2006)

Project Experience

OVERVIEW – Mr. Aaron Walsh has worked with several engineering firms and has an extensive knowledge in ArcGIS mapping and technical drawing utilizing AutoCAD, Land Development Desktop and Civil 3D. Mr. Walsh also has experience in surface water modeling using HydroCAD and Streamline software. Mr. Walsh's background includes several years of work experience related to site development and subdivision design in which he has developed a comprehensive understanding of key permitting issues through interactions with clients and municipalities. In addition, Mr. Walsh has extensive knowledge in designing and producing final plans for:

- Subsurface Sewage Disposal Systems
- Roadways
- Underground utilities
- Grading and drainage
- Legal boundaries
- Stormwater retention basin design

Mr. Walsh has managed survey crews and has excellent field and data collection skills, utilizing Leica, Sokkia, and Carlson surveying equipment. He provided morning briefings and direction for up to 5 survey crews, as well as managed the estimating department of a land surveying firm. Mr. Walsh has led existing conditions, as well as as-built surveys. He has extensive experience performing percolation testing, and the design of septic systems. Mr. Walsh also is a skilled HVAC Technician, and has over 6 years of experience as a lead installer and service tech.

Whitetail Crossing, Lunenburg, MA - Mr. Walsh was the sole designer and draftsman for a 16-lot subdivision. He coordinated the survey crew, created existing conditions

plans, designed the parcels, roadway, grading and drainage, utilities, and created the plans used for submittal and construction. Mr. Walsh created the legal descriptions for entering into official record. He created the stormwater mitigation plans and designed the stormwater retention basins. He also was part of the as-built survey team, and had a small role in the construction of some of the dwellings.

Sewage Disposal Designs - Mr. Walsh was the main SDS designer for a small firm in Lunenburg, MA. He would assist with analyzing the soil, then was solely responsible for performing percolation testing, designing sewage disposal systems for hundreds of clients, preparing plans, performing as-built surveys, and submitting as-built drawings. He was a pioneer in designing eco-friendly Presby systems for his clients, utilizing microbial life to pre-treat effluent before being released into the groundwater.

Assabet Valley Regional Technical High School, Marlborough, MA - Mr. Walsh was actively involved in the school's track and field upgrades. He created conceptual renderings for discussion purposes at town meetings. He was instrumental in coordinating with surveyors, the athletic department, and key planners to get the project completed under tight deadlines. Mr. Walsh designed the parking lot and drainage system, as well as the rubberized track and football field.