

Sébastien Boucher
Garrison Engineering
Project Engineer

1997 Park Lane, Burlington, WA 98233
Phone (360) 707-5656, Fax (360) 707-5858, email: Sebastianb@gecorp.net



Education

M.S in Mechanical & Industrial Engineering
ARTS ET METIERS Paris Tech (National Graduate Engineering School)
Paris, France

Affiliations

French American Chamber of Commerce, Toastmasters

Experience

- Management
- HVAC and plumbing design
- Piping and fitting design
- AutoCAD
- Budgeting, cost tracking, and planning
- Sign design, construction, and installation

Job History

- Garrison Engineering (February 2011-Present) HVAC and Plumbing design project engineer. Duties include energy analysis, conceptual design for HVAC and plumbing, municipal pump station design, equipment selection, preparation of plans and specifications. Skills and specific training in AutoCAD, DOE2/Equest energy analysis software, Elite CHVAC, and Washington State Energy Code analysis.
- Signtech (March 2009-September 2010) - Project Engineer: Responsible for the design & manufacture stages of many different customized sign projects. Management of sign designers according to customer requirements, location, visibility & local sign codes & standards. In charge of estimating & contracts writing
- CEGECOM (2009-2010) - Project Engineer: Management of the initial phase of renovation of an occupied office building. Specifications, call for bids & contractors prequalification. Coordination of the temporary relocation of employees
- AXIMA SEITHA GDF SUEZ (2004-2008) HVAC/Plumbing Manager: Successful completion of commercial & healthcare projects in accordance with the required specifications, on-time, on-budget (between \$150,000 & \$350,000) and to the satisfaction of the clients. Management of the project team: Designers & AUTOCAD operators, Field Foremen, Subcontractors & other internal departments (BMS-Automation, Purchasing, Accounting. Assistance in the design of HVAC & Plumbing systems, review of technical documents & equipment selection Participation in the weekly Project Managers and Construction meetings / Daily contacts with clients. Responsible for budget, cost tracking, planning, scheduling, change order quotes and monthly billings.

Mechanical Engineering Project Experience

- Skagit Valley Hospital, Founders Building and MLJ Building. Prepared as-built plan sets for both buildings, plus HVAC and plumbing design modifications for tenant improvements to both buildings.
 - Eight Story office building and 4 floors underground parking, Paris, France. Project included a ground floor restaurant, cafeteria, kitchen and archive rooms. Building had 7 floors with a total of 260,000 sq feet of open space offices and a roof top with HVAC systems. Budget of \$5 millions for HVAC
 - Theatre Renovation, Nimes, France: Creation of a new theater in an existing building and temperature control of an existing conference room. Budget of \$350,000 for HVAC & Plumbing. Temperatures of both rooms controlled by 2 new CIAT multi-bloc air handlers, Trane chillers, and Siemens controls.
 - Cytotoxic Department of the Public Hospital, Montpellier, France: Transformation of an existing office to a clean room. Budget of \$200,000 for HVAC & Plumbing.
-