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# Eric Pflugradt

## Plumbing Designer

### EDUCATION

University of Maine, Orono, ME Bachelor of Science in Agricultural Engineering

### REGISTRATION / PROFESSIONAL AFFILIATIONS

ASPE Membership

Held ASPE certification in Plumbing Design

Mr. Pflugradt has almost 30 years of experience designing and drafting advanced commercial and institutional plumbing systems. He has worked on many different types of projects and in all New England states, including Federal and State projects, schools, hospitals, office buildings and multifamily housing. Mr. Pflugradt has extensive knowledge of the plumbing codes and uses that for his site surveys and corrective action reports as well as writing his own specs for projects.

### RELEVANT EXPERIENCE

#### **Good Chemistry, Bellingham, MA**

This project was design of a 2 story, 38,000 sq. ft. marijuana cultivation facility. Design included an irrigation reclaim system which aids in the conservation and energy efficiency effort. A special waste system was designed for the capture, reuse and elimination of contaminated fertilizer waste water and uses an evaporator to mitigate the disposal of the waste. Other systems include a pressure washer system, an RO System and common domestic water, vent and drain systems for numerous sinks and water closets.

#### **City of Portland Fleet Services, Portland, ME**

Project consisted of renovations and redesign of Portland's fleet service facility. In addition to common domestic water, drain and rainwater systems, there were compressed air, pressure washer, oil lubricant, fuel gas and anti-freeze piping systems. A gas/oil/sand interceptor was provided to properly dispose of waste oil and fuel from the maintenance bay's drains. A car wash was added to the facility which had to be supported and tied into the existing systems as well.

#### **Eastern Maine Medical Center, Bangor, ME**

Numerous renovations to the medical center including the Ambulatory Surgical Center, parking garage, vascular lab, medical gas air and vacuum lines. Renovations to the Webber West Medical Office Building which is a 95,000+ sq. ft. multi use space. In addition to these renovations there was a fuel interceptor system put in place for the heliport located at this facility.

#### **Portsmouth Naval Shipyard, Kittery, ME**

Renovations made to confidential facilities within the Naval Shipyard. In addition to the general plumbing needs of domestic water, vent, drain and rainwater and radon mitigation systems, adherence to the Navy's specifications and standards were met to assure consistency across all facilities.