

Chris Hillman
Project Manager and Mechanical Designer

Hunt Engineering Services Inc.
Mechanical Project Manager and Designer

Years of Experience: 35
Years with Hunt Engineering: 1

Education

Associate Degree (BIM), IADT College; Tampa, Florida
Olympic College; Bremerton, Washington
Journeyman, Plumbers - Pipefitters Local 631, Bremerton, WA.

Professional Registrations/Licenses

- General Contractor License, CA
- HVAC Contractor License, CA
- Refrigeration Contractor License, CA
- HVAC Contractor License, WA

Professional Experience

Chris Hillman has over 35 years of experience in the building construction and design industry. His background includes the technical aspects of a licensed tradesman with the overall perspective as both a general contractor and designer. His design experience includes integrating the many complex building systems while maintaining an eye on the big picture that's necessary for delivering an efficient cost effective project.

Specialty expertise in winery design with hands-on experience designing and commissioning over 30 major winery projects and designing specialized mechanical equipment, process piping systems, HVACR systems plus DDC controls for dozens more allows Mr. Hillman the ability to quickly identify best strategies for the application. Clients include over 150 wineries throughout North America and counting.

Additionally he has worked as part of the design team on medical health care facilities for Jefferson Health Care – ASC, Seattle Children's Hospital, and other local clinics. Also Chris has been responsible for planning – estimating, and project management on several school projects in the Bremerton, Central Kitsap and North Kitsap school districts involving HVAC, process piping and heat recovery. Other projects include commercial clients such as S&K Technologies, Mason County and Poulsbo Fire Station 71.

Representative Projects

Jefferson Health Care – ASC; Port Townsend, WA, 2013

Provided mechanical design for licensed ambulatory surgical center including procedure rooms, and upgrade of O2 medical gas system. Specialized systems for humidity control and medical gas systems were part of this design.



Comcast Burien HUB – HVAC Upgrades; Burien, WA, 2013

Mechanical design of HVAC upgrades to major Comcast HUB site. Project involved the relocation and addition of several Liebert CRAC units ranging in size from 20 to 30 tons each. Included main equipment room for servers and DC Battery room plus cold aisle containment design for new and existing equipment racks.

LDS Cavalero – New Stake Center; Marysville, WA, 2013

Provided energy and ventilation analysis for compliance with Washington State energy and ventilation codes. Life cycle cost analysis using comprehensive based building information modeling software.

Mason County Waste Water Facility; Belfair, WA, 2012

Provided automation control design for HVAC mechanical systems serving process plant, main electrical motor control center and office areas of facility. Also provided start-up, commissioning, and training services.

Goose Ridge Vineyards; Richland, WA, 2011

Designed process glycol heat exchanger system and piping systems for fermentation tank jacket heating using variable speed pumps, P&F heat exchanger and boiler. Included automated process temperature control of the boiler reset, glycol temperature and wine temperatures to assure protection of carefully crafted wine. Also provided start-up, commissioning, and training services.

Rancho AG – Arroyo Grande Vineyards; Santa Maria, CA, 2010

Provided complete project design for new fermentation tank and barrel building plus support systems including; refrigeration chillers, boilers, process piping, compressed air system, catwalks, automation control (DDC & associated 480v/3ph electrical) for fermentation and mechanical systems. Provided project management design services from concept to facility commissioning.

Armin Jahr; Bremerton, WA, 1994

Provided planning & estimating plus project management, and commissioning services. This was a major HVAC plan and spec project that required a fast track schedule.

Olympic High School; Silverdale, WA, 1993

Provided complete design services for refitting mechanical system serving the natatorium building. Project required designing a mechanical system to ventilate Olympic size pool room and prevent condensation while recovering exhaust heat and using it to pre-heat pool water. Also designed control system with early application of remote communication monitoring and control. Provided start-up and commissioning services.

Poulsbo Fire Station 71; Poulsbo, WA, 1992

Provided mechanical HVAC design for entire station including living quarters. Project involved infrared heating of truck bays, retractable quick release truck exhaust system interlocked with over head doors plus VVT zoning of living and common use areas. Provided project management and commissioning services.