John Hunt, PE

Mechanical and Electrical Engineer / Principal in Charge

Hunt Engineering Services Inc.
President

Years of Experience: 35+
Years with Hunt Engineering: 28

Education

- Bachelor of Science, Architectural Engineering, Kansas State University

Organizations

- American Society of Heating Refrigeration and Air-Conditioning Engineers
- BICSI-Building Industries Consulting Services International
- NSPE-National Society of Professional Engineers

Professional Registrations

- Electrical Engineer/1994, State of Washington, OR, CA, UT, AZ, CO, ID, ND, NV, NE, MT, PA, TX
- Mechanical Engineer/1995, State of Washington, OR, CA, UT, AZ, CO, ID, ND, NE, MT, PA, TX
- National Council of Professional Engineers
- RCDD Registered Communications Distribution Designer

Professional Experience

President and Chief of Engineering of Hunt Engineering since its founding in 1998, John has the overall working knowledge of design and construction administration to successfully guide projects through the design and construction process. He has extensive experience in electrical and mechanical engineering and design for a wide range of commercial and institutional clients. He has particular expertise in facilities that operate on a 24/7 basis. John's large breadth of knowledge in this area facilitates the coordination and design of the many different systems involved in these buildings. John is unique in that he is a registered Electrical and Mechanical Engineer as well as being RCDD-certified.

Representative Projects

Building Controls Upgrade, SeaTac Airport, 2020-2025
Designed new high speed fiber backbone network for 44 panel locations and replaced 109 building controls panels at SeaTac Airport. Produced 127 full sized drawings in association. Included extensive coordination and fieldwork.

Comcast Primary Headend Roosevelt Generator system replacement, 2024
Provided engineering design documents for the replacement of existing generator system. Design for a total of 3 generators with design capacity of 1,200 amp 480 volt 3 phase electrical service size. Electrical distribution equipment was replaced in conjunction, including the essential distribution panel.

Cedar Hills Landfill Leachate and Lagoon Improvement Project, 2024
Designed electrical service upgrade including design for new LEPS pumps, replacement of existing switchboard and associated generator upgrade, and connection of new blower.

Clallam County, EOC Grounding / Electrical Switchboard Improvements, Port Angeles, 2018
The project included the replacement of electrical service and distribution switchboards for both normal and emergency power, replacement of antenna systems for Emergency Operations Center, and grounding improvements at the Courthouse Complex (approximately 180,000 s.f.).

Everett Safe Streets, Everett, 2017
This 4-story, 70-unit apartment building project was designed as supportive housing for Catholic Housing Services. This was a net zero project and was part of the Ultra High Efficiency Energy Program. Working with Environmental Works, Hunt Engineering provided full design for mechanical and plumbing and electrical, and bidder design specifications for fire sprinkler and fire alarm design. Hunt Engineering provided additional services related to energy recovery.

Thurston County Facility Assessment, 2016
Working with an assessment team Hunt Engineering reviewed about 25 buildings and associated sites for Thurston County. The scope of our responsibility was mechanical an electrical systems including low voltage systems. This included a wide range of buildings from jails, to fairground buildings to coroner offices to county office space and vehicle maintenance facilities.

Jefferson Healthcare Hospital, Port Townsend, WA, 2010-2015
On-call engineering. Projects included Lab HVAC system consulting, Medical Gas upgrades, HVAC addition for Medical Records, Sterilization systems, Kitchen equipment gas conversion, and Surgery AHU system consulting.

Stadium Technology Building; Seattle, WA, 2008-09
Provided mechanical and electrical engineering for 6-story, 280,000 s.f. mixed-use building. Designed to support factory, business, retail and restaurant occupancies. Innovations in the design of the mechanical systems provided a significant contribution to the building obtaining a LEED Gold certification.

T-Mobile - Snoqualmie Data Center, Snoqualmie, WA, 2005-2008
Multiple projects for the upgrade of a former data lab space that was functioning as a production data center. Provided mechanical and electrical engineering. Functioned as Prime Consultant and provided Construction Administration on weekly basis for the duration for this project. All this was accomplished with no interruption to the standard operations of the facility and without relocating existing data cabinets and production equipment.

Seattle Children's Hospital, Dry Cooler Replacement Upgrade, Sand Point Way Facility, 2012
Furnished Prime Consultant and mechanical and electrical engineering to replace the existing data center outside cooling plant. This project required the cooling capacity of the outside plant to be doubled and still fit in the same footprint. Additional challenges included the requirement to keep the cooling system operational at all times and to meet strict acoustical requirements for adjacent residential property. Hybrid dry coolers were utilized in this solution with a special acoustical enclosure.