

FIRM PROFILE

CONSULT

Code Compliance
Hazard Analysis
Plan Review
Inspection/Commissioning
Litigation Support

DESIGN

Fire Protection Systems
Fire Alarm Systems
Smoke Control Systems
Specification Development
Technical Assistance

ENGINEER

Risk Assessment
Alternate Means/Methods
Fire/Smoke Modeling
Egress Analysis
Fire-resistive Construction

AEGIS ENGINEERING, PLLC was established in 2006 and is a small business enterprise (SBE). We specialize in providing responsive, professional fire protection engineering and building code consulting solutions. Our services include evaluation of existing buildings and new construction, in addition to third-party review services on behalf of local jurisdictions. This blend of clientele enables us to respond effectively to fast-track projects in the design-build arena, while addressing the detailed level of scrutiny demanded by Authorities Having Jurisdiction with regard to fire protection and life safety code requirements.

AEGIS Engineering also has experience reviewing project drawings and existing facilities with regard to significant fire protection and building code life safety requirements. We have applied performance-based design approaches and developed alternate means and methods strategies on a variety of projects.

***THE MISSION OF
AEGIS ENGINEERING
IS TO DELIVER
THOUGHTFUL, INNOVATIVE
FIRE PROTECTION ENGINEERING
SOLUTIONS THAT BALANCE THE
NEEDS OF ALL STAKEHOLDERS,
WHILE SUPPORTING
CLIENT SUCCESS.***



(IMAGE: SERA ARCHITECTS)

FEDERAL BUILDING

EXPERTISE

AEGIS ENGINEERING maintains three licensed professional fire protection engineers with over 60 years of combined experience. We are committed to guiding and assisting our clients in achieving the necessary level of fire and life safety protection for their project.



BRIAN THOMPSON, P.E., principal of AEGIS Engineering, entered the fire protection field in 1993 and has earned a master's degree in fire protection engineering from Worcester Polytechnic Institute. Brian is a licensed fire protection engineer in multiple states and served as a member of the Washington State Fire Code Technical Advisory Group. He has spoken at the National Fire Protection Association (NFPA) World Safety Conference & Exposition and the Construction Specification Institute (CSI) Rainier Chapter Annual Education Conference. His research has been cited in the Journal of Fire Protection Engineering and his expertise has been referenced in a trade periodical. Project responsibilities for Brian include developing and evaluating alternative design strategies for project fire protection and building code compliance as well as system inspection and testing. His project work includes high-rise buildings, health care facilities, historic rehabilitation, federal, industrial and mixed-use occupancies.



TRAVIS ALLEN, P.E., holds a bachelor's degree in mechanical engineering and has been practicing fire protection engineering since 1989 with an emphasis in fire protection engineering, loss control and risk reduction strategies. He has been an active member of the National Fire Protection Association (NFPA), serving as a past committee member, and has prior employment experience with FM Global and as a fire protection engineer for a large Fortune 500 company. Most recently, Travis was the Assistant Fire Marshal of Bellevue, Washington. His varied experience includes all aspects of specification, design, contracting, review, inspection and commissioning, as well as the interpretation and application of building and fire codes. Travis has been involved with projects involving commercial, educational, industrial, mixed-use and residential facilities, working with both public and private-sector entities.



CARRIE KRAUSE, P.E., earned her bachelor's degree in mechanical engineering from the University of Washington and has been practicing mechanical engineering in the consulting field since 1990. After earning her license in fire protection engineering in 2006, Carrie has expanded her proficiency to include many aspects of fire protection engineering, including fire alarm and other active and passive life safety systems. Her projects have included peer review of design and construction documents, code review, hazard analysis and evaluation of existing conditions for code compliance. She has worked on a variety of projects including commercial buildings, industrial plants and institutional facilities for both private and public-sector entities as well as served as the Contractor's Quality Control Fire Protection Engineer (CQC FPE) on a variety of projects.

PROJECT EXPERIENCE

AEGIS ENGINEERING has been involved in projects from site master planning through construction period services, from individual tenant improvements to new high-rise building construction. Our project experience encompasses buildings serving assembly, commercial, educational, federal, healthcare, industrial, institutional, municipal, residential, retail, storage, transportation and wildland interface uses, including:

Bellevue Park Hotel
Bellevue, WA

Corelink Data Center
Tukwila, WA

Dust Explosion Protection
Tukwila, WA

Edith Green Federal Building
Portland, OR

Gold Hill PUD
Crystal Mountain, WA

Hazardous Materials Storage
Kent & Tacoma, WA

Microsoft Office Buildings
Redmond, WA

Military IDIQ
Various Locations

Nome Hospital
Nome, AK

PDX-HQP2 Portland Airport
Portland, OR

Salmon Bay Marine Center
Seattle, WA

ShoWare Center
Kent, WA

Snoqualmie Tribal Casino
Snoqualmie, WA

South Correctional Entity
Des Moines, WA

SR520 Eastside Transit & HOV
Bellevue, WA

Swedish Medical Center
Seattle, WA

UW Capital Projects
Seattle, WA

Valley View Middle School
Snohomish, WA

Warehouse Expansion
Lacey, WA

Westfield Shoppingtown
Tukwila, WA



UW PACCAR HALL



SNOQUALMIE CASINO

STAKEHOLDERS

AEGIS ENGINEERING specializes in providing thoughtful, innovative professional fire protection engineering and building code consulting solutions that balance the objectives of all stakeholders. The following list is a cross-section of clients, owners and authorities with whom we have been involved in project work since 2010:

- AHBL Inc
- BCRA
- C&D Zodiac Aerospace
- City of Bellevue
- City of Bellingham
- City of Portland
- City of Seattle
- DLR Group
- Dykeman Architects
- ECH Architects
- Gensler
- Glumac
- Green Mountain Coffee
- Kennedy Wilson
- LMN Architects
- Lochner
- McKinstry
- Mortenson Construction
- Perkins + Will
- Port of Seattle
- PSC Environmental
- Reid Middleton
- Rolluda Architects
- Sabey Construction
- Safeway
- SERA Architects
- Sparling
- Stantec Engineering
- Stemper Architects
- University of Washington
- US Air Force
- US Army
- US Coast Guard
- US Navy
- Washington DOT
- ZGF Architects



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