



Qualifications to Provide Architectural/Engineering Services for the Conceptual Design Phase to Remodel the Hal Moe Building

Prepared for
City of Snohomish
Snohomish, Washington

Prepared by
BergerABAM

8 November 2016

8 November 2016

Denise Johns, Project Manager
City of Snohomish
116 Union Avenue
Snohomish, WA 98290

Subject: Hal Moe Building Remodeling

Dear Ms. Johns:

BergerABAM is pleased to submit qualifications to the City of Snohomish to perform professional services for the Hal Moe Building Remodeling project. We believe we are an excellent candidate to support the City of Snohomish.

BergerABAM is a multidisciplinary consulting firm offering services in the areas of building remodels and renovations. BergerABAM has over 230 employees in eight offices in Washington, Oregon, California, Nevada, and Texas, who are experienced personnel and well versed in the design, renovation, and maintenance of facilities. I will be the BergerABAM principal-in-charge and am an architect with over 42 years of experience in the institutional building area. The vast majority of my project experience has been building remodels and renovations. The BergerABAM architects are committed to improving the built environment of our community by creating architecture that reflects our clients' vision, respects the fabric of place, and celebrates the natural beauty of the place of our great Northwest.

There are many stakeholders involved in the project like the Hal Moe remodel. Our collaborative and inclusive approach assures you and your staff that the valuable contribution of all stakeholders are heard and that the effort is well led, managed, and documented. Our commitment to responsive service through all phases are demonstrated by our past successful projects. We look forward to working with the staff and the citizens of the City of Snohomish.

Thank you for reviewing our qualifications. Our experience, coupled with a proven record of performance, assures you a successful project completion. If you require any additional information, I can be reached at **206/357-5624** or **al.bryant@abam.com**. I look forward to discussing our qualifications in further detail at an interview.

Sincerely,



Al Bryant, AIA, LEED AP
Senior Architect

AEB:LMH:nb
Attachment

Criterion 1:

Project Understanding

BergerABAM believes in a collaborative approach to resolving issues and that we have the expertise and dedication to our clients that you can trust. We look forward to building a team relationship with City of Snohomish staff. We understand the needs and expectations of this project and are excited for the opportunity to provide consultant services for successful project completion. We hope that you find the information within this submittal as proof of our desire to be a member of your team.

Our team members are committed to each of the projects that they are working on, and they will be available throughout the entire duration of this project. Our principal-in-charge, Al Bryant, is a registered architect in the state of Washington. He will oversee the project and ensure that project deliverables are satisfactory and on schedule.

BergerABAM understands that the Hal Moe renovation project consists of remodeling the existing abandoned indoor swimming pool facility into a single multifunctional community assembly space. Based on the structural assessment report and the site walk, the structural frame of the open bay (swimming pool area) is in good condition and could be reused and repurposed. We believe that a carefully thought out design and planning will transform this facility into a memorable structure that can add to the quality of the surrounding civic infrastructure.

We understand that one of the requirements of the project is to provide options and conduct presentations to community members to build consensus and select a scheme that will be further developed for the final concept. Although very important, community engagement and consensus building could be challenging and sometimes could even affect schedule. To avoid possible delay and unnecessary time laps during the initial process, BergerABAM suggests that key personnel from the city council and park boards be present during the kickoff meeting listed under Task One. In addition to learning about the project and space programming objectives, we believe it would be critical to have an opportunity during this meeting to survey and

ask key stakeholders of their aesthetical visions and functional expectations.

Another key element to the success of this project is a seamless coordination between the design team and the City of Snohomish landscape architect. To this end, BergerABAM will initiate a meeting with the landscape architect to determine necessity and frequency of online or in-person meetings right after notification of the project award. In addition, we recommend that the City landscape architect provide design schemes, one week prior to scheduled presentations so that the design team will have proper time to review, coordinate, and finalize the design schemes.

Criterion 2:

Project Approach

BergerABAM has an excellent record of meeting clients' schedules and completing work with a high degree of competence. BergerABAM has sufficient capacity to undertake this task effectively, and we will staff the project to ensure successful and timely delivery.

We believe that a successful design solution does not only rely on creativity but also on a commitment of the design team to understand and listen to the client's needs and desires. We will engage in active listening and will be receptive to ideas, concerns, and suggestions forwarded by stakeholders. In addition, our communications group offers state-of-the-art services to assist clients in meeting needs for materials, strategies, and programs. The uniquely qualified team brings years of focused and integrated professional communications experience in producing materials that could be used for community outreach.

In addition to our proven project management tools, our quality assurance/quality control process ensures that our deliverables meet and exceed client's expectations. We have proposed high-caliber staff with great technical, design, and interpersonal skills for the Hal Moe Building Remodeling project. Documents will be reviewed for design quality, constructability, and effectiveness in meeting the project budget by the principal-in-charge, project manager, and project designer.

Criterion 3:

Resumes

The organizational chart in Figure 1 below illustrates how our team is organized to manage the Hal Moe Building Remodeling project. Additional description of the proposed subconsultants is provided in the next section (Criterion 4), and more detailed resumes are provided in Appendix A.

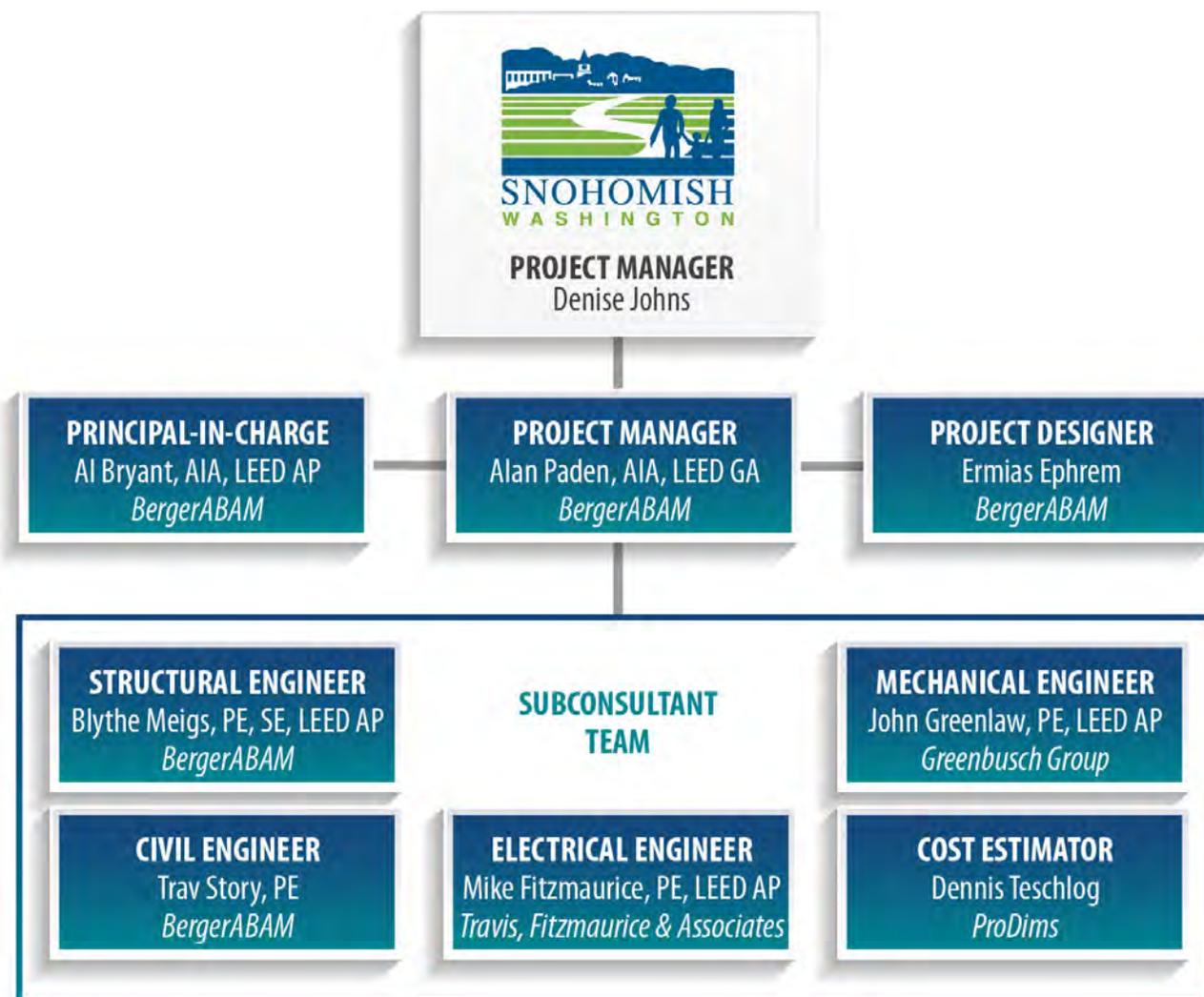


Figure 1: Organizational Chart

Criterion 4:

BergerABAM is well versed in the design, renovation, and maintenance of a variety of facility types, including recreational, institutional, and educational facilities. As a multidisciplinary firm, our highly qualified team can provide in-house architectural, structural engineering, and civil engineering services. As prime consultant, BergerABAM will oversee the work of our proposed subconsultants who each have significant relevant experience

working in Snohomish County. The following firms will provide support on this project.

Subconsultants

(1) The Greenbusch Group, Inc.

The Greenbusch Group, Inc. (GBG) is a multidisciplinary engineering firm established in 1989 to serve the expanding need for technical expertise in mechanical engineering, acoustical design, environmental noise and vibration,

commissioning, vertical transportation, and audio-video consulting. GBG is a member of the U.S. Green Building Council and a certified women's business enterprise (WBE W2F0107923) for the mechanical design, acoustical, audio/video, and commissioning portions of our work.

GBG has actively worked on a range of projects in Snohomish County dating from 1990, including Snohomish Carnegie Library restoration and seismic improvements, Snohomish County McCollum Park pool circulation system, Snohomish County courthouse renovation, and Community Resource Center in the Everett School District.

They will provide a concept narrative for the building's heating, ventilation and air conditioning (HVAC), plumbing, and fire protection design to work with the three options to be presented for review and then modify the solution to match the final design solution. They will investigate the existing mechanical system current within Hall Moe and determine what can remain and what should be replaced to meet the new conceptual solutions. GBG will be involved in the project from Task One through Task Four, including cost models for the mechanical concept solutions.

(2) Travis, Fitzmaurice & Associates

Travis, Fitzmaurice & Associates, Inc. (TFA) has over 70 years of experience in electrical engineering. Their extensive experience includes commercial, institutional, educational, industrial, government, and military projects. Over the years, TFA has teamed on several pool, park, and community center projects. They have also teamed on several projects within Snohomish County, including the Domestic Violence Service of Snohomish County and several schools, including the new North Creek High School. One of their current projects is the replacement Maltby Site 1200 Student School. Other relevant projects include the Rainier Beach Community Center and Pool, Auburn Community Center and Youth Center, Kandle Park and Pool, and Fircrest Community Center & Community Pool Feasibility Study.

TFA will review the existing building electrical and IT systems to determine what should be maintained and what needs to be removed. They will provide a concept narrative of the building's wiring distribution system, lighting system, fire alarm system, and IT system design to work with the three options to be presented for review and then modify the solution to match the final design solution. TFA will be involved in the project from Task One through Task Four, including cost models for the electrical concept solutions.

(3) ProDims, LLC

ProDims, LLC, based in Kirkland, Washington, provides cost estimating, project controls, scheduling, safety, and document control services. ProDims cost estimators have more than 25 years of experience working in the Pacific Northwest construction market place. They are skilled at discerning the relevant project issues and then developing cost information at early design phases, such as at the design charrette or value engineering stages where the data must come in real time. They have an estimating strategy to provide owners the cost data reflective of the scope of work so value-based decisions can be made. ProDims cost estimators have extensive knowledge and experience supporting community and recreation center projects ranging from new construction to renovations, modernizations, retrofits, studies, and small works projects. ProDims is a federal certified small business enterprise through Washington State Office of Minority and Women's Business Enterprises (Certification No. S000024257).

As our team's cost consultant, they will provide cost models and cost estimating for the three options to be presented for review and then modify these estimate to match the final design solution and providing the owner with a cost model for the future project. ProDims will be involved in the project from Task One through Task Four, including cost models for the three option concepts through the final concept solution.



THE GREENBUSCH GROUP, INC.



Criterion 5:

The following section describes our past performance and provides references for similar experience to the Hal Moe Building Remodeling project.



Student Center, Seattle University, Seattle, WA

This new Student Center provided a common focus and identity for the University community. The new Student Center includes offices for student development, student government, meeting rooms, food and beverage facilities, and general lounge space. The project also included a new pedestrian sky bridge to a structured parking facility. Another part of the scope of work was the remodeling of the existing Bellarmine Food Court building to serve additional student functions. The Student Center is certified as a LEED building.



Joe Conner
Seattle University, Facilities Planning and Construction (Retired Director)
joe_conner@comcast.net
425/478-9574

Student Recreation Center, Western Washington University, Bellingham, WA

The design team tested site and building components organization through a series of charrette workshops with the University's Project Committee and developed a number of options that addressed the specific needs of the project. The option selected includes a three-court gymnasium; multipurpose activity court for indoor soccer and hockey; indoor, elevated jogging track with four lanes; multipurpose rooms for aerobics, dance, and martial arts; weight and fitness space; sport climbing wall; fitness and leisure pool; juice bar and social lounge; locker rooms; wellness center; and administrative office space.



Ed Simpson
Western Washington University
Office of Facilities and Capital Budget
ed.simpson@wwu.edu
360/650-3231



Student Union and Recreation Center, Central Washington University, Ellensburg, WA

The new Student Union and Recreation Center for Central Washington University brings many non-academic functions together to create a new focus for the campus. The new facility will combine food service, student services, student government, and campus meeting functions with student recreation opportunities, thus creating a comprehensive center for student social interaction.



Bill Yarwood
 Central Washington University
 yarwoodb@cwu.edu
 509/963-1120

Edens Hall, Western Washington University, Bellingham, WA

Built in 1921, historic Edens Hall was designed in the classic Georgian style. As the second oldest building on campus, Edens Hall was the original women's quarters and for 30 years was the only dorm and the most important social center on campus. A major restoration was completed, which fully renovated and updated the building's top floors into comfortable modern residential rooms along with University Housing's administrative functions on the lower level.



Ed Simpson
 Western Washington University
 Office of Facilities and Capital Budget
 ed.simpson@wwu.edu
 360/650-3231



Garrand Building, Seattle University, Seattle, WA

Built in 1894, the historic Garrand Building was the first campus building and the cornerstone for a new Jesuit college. At one time, it was virtually the entire university – lecture hall, chapel, restaurant, bookstore, and offices. In 1907, a fire destroyed the building. A major restoration was undertaken to fully renovate and reconfigure the interior. Our scope of work included recapturing the building’s original architectural style and grace, rectify severe deterioration, and update to modern building codes.



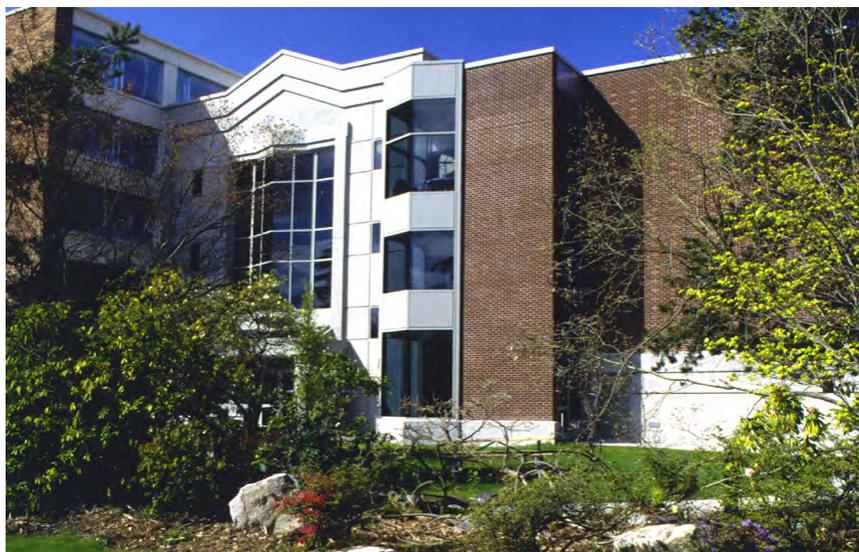
Joe Conner
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joe_conner@comcast.net
 425/478-9574

State Route 7/Elbe Safety Rest Area, Elbe, WA

The Washington State Department of Transportation repurchased this facility for a highway rest stop for public use. Renovations included entirely new concrete foundations, new exterior side wall shingles, new painted wood clad fiberglass windows, wood doors, and a new metal roofing system. The project site also included a picnic area, a pet exercise area, and a wetland buffer cover area for part of the site. Provisions were included in the new renovation for future connections to both water and sewer connections.



Mark Smith
 Washington State Department of Transportation Facilities Office
smithm@wsdot.wa.gov
 360/705-7867



Pigott Building Addition, Seattle University, Seattle, WA

This new addition was designed as the major classroom building on campus. It houses 15 classrooms of various sizes and features four state-of-the-art caserooms patterned after Harvard's case style of teaching. These rooms are tiered in a horseshoe-shaped seating arrangement designed to facilitate communication during the intense case study learning experience. Design emphasis was focused on student/instructor interaction. The existing Pigott Building and the new addition are joined by a beautiful grand lobby and open atrium that provided a social meeting and gathering space at the heart of the campus.



Joe Conner
Seattle University, Facilities Planning and Construction (Retired Director)

joe_conner@comcast.net
425/478-9574

Recreation/Wellness Facility, North Seattle College, Seattle, WA

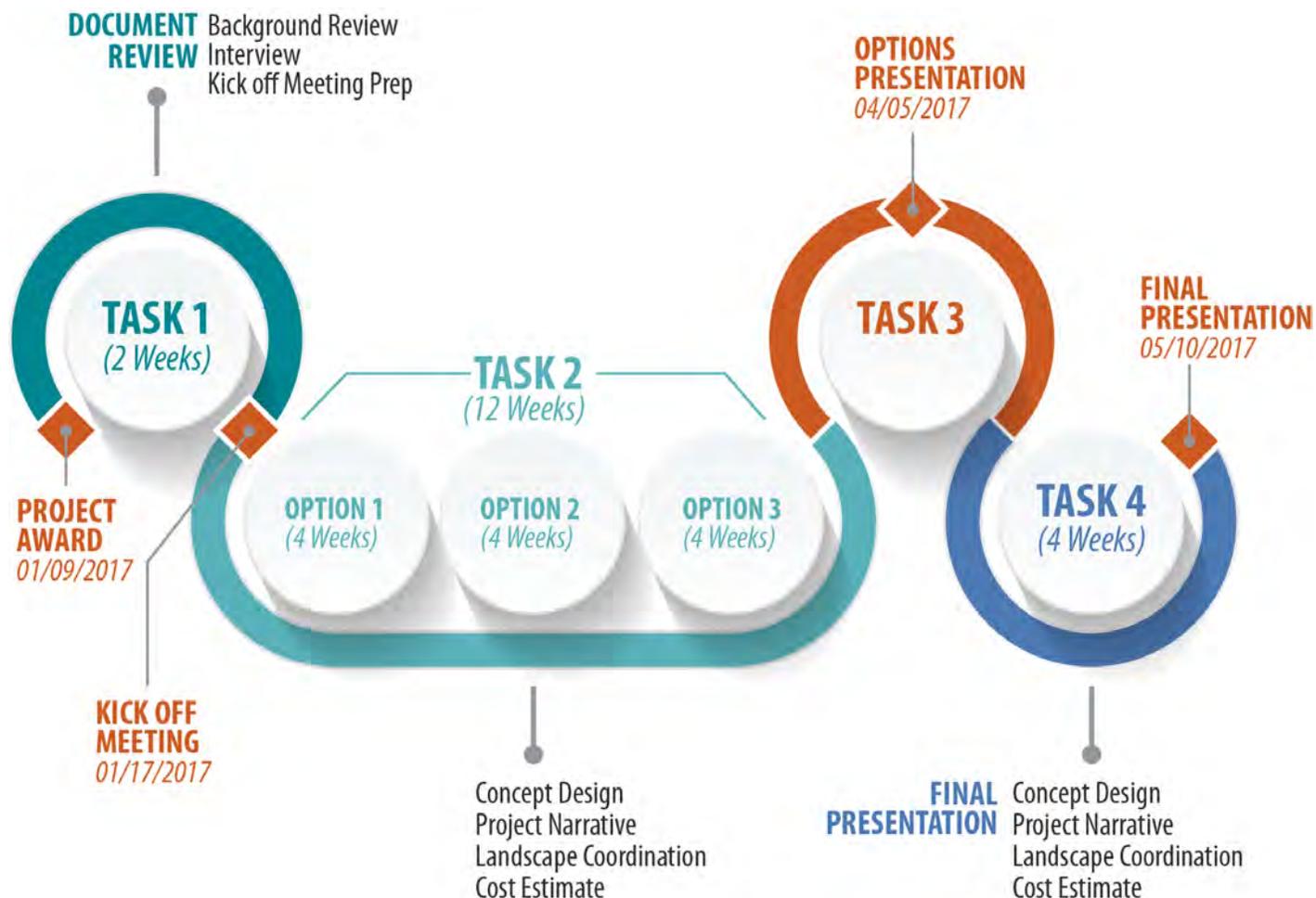
This new recreation/wellness facility was designed as the first phase of a comprehensive multi-use complex to meet the physical, health, social, and recreation needs of the North Seattle College students and the community. As the first new campus building since the college was originally built in 1970, the primary objective was to design a structure whose visual appearance and scale was compatible with the existing architecture, to keep the collective identity of the campus easily recognizable. The facility consists of a lower floor, main floor, and mezzanine level, four-lane jogging track. The lower floor includes locker rooms, weight training room, and a multi-purpose practice room for dance and martial arts. The main level has a college regulation size basketball court and can be subdivided in two volleyball courts.



Criterion 6:

Proposed Work Schedule

Below is an overall conceptual schedule showing the flow of work, the rough duration of tasks associated, and a time line of the project. As shown on the diagram below, we believe that we can successfully deliver the project ahead of the six-month schedule indicated on the request for proposal. The schedule below was developed based on the assumption that the project will be awarded in about two months after the proposal submittal.



Criterion 7:

Acceptance of Terms

This statement is to acknowledge our acceptance of all terms and conditions set forth in the City's standard consulting services agreement. Thank you for reviewing our qualifications. We look forward to assisting the City of Snohomish with this important project.



APPENDIX A RESUMES



Al Bryant, AIA, LEED AP | Principal-in-Charge

Project Role and Responsibilities

As principal-in-charge, Al will be ultimately responsible for the success of the project. Al is a hands-on team leader and will be the primary client contact for negotiation of the contract. Al will be involved in the programming/community meeting sessions helping to guide the process and establish the project goals and parameters of the project. Throughout the project, he will share his expertise with the team and will ensure the design team has the resources required to complete their job successfully.

Professional Summary

A practicing architect since 1974, Al has participated in all phases of building design. His strong management skills throughout the process, particularly in the construction administration phase, have been a key part to getting the job done right. Al has completed many renovation projects and has years of architectural practice with renovation work and adaptive reuse. He is very knowledgeable of the U.S. Secretary of Interior's Standards for rehabilitation. Al is also committed to historical preservation projects and has technical knowledge of historic building materials.

Education

BS, Architectural Studies, Washington State University

BArch, Architecture, Washington State University

Registration

American Institute of Architects

LEED Accredited Professional

Student Center, Seattle, WA



Years of Experience

42

His project experience includes the following.

- **Student Center, Seattle University, Seattle, WA** (pictured left)
- **John L. O'Brien Building Renovation, Olympia, WA**
- **Student Union and Recreation Center, Central Washington University, Ellensburg, WA**
- **Student Recreation Center, Western Washington University, Bellingham, WA**
- **Edens Hall, Western Washington University, Bellingham, WA**
- **Garrand Building, Seattle University, Seattle, WA**
- **State Route 7/Elbe Safety Rest Area, Elbe, WA**
- **Health Science Center J1/ J2 Microbiology Renovation, Seattle, WA**
- **Pigott Building, Seattle University, Seattle, WA**
- **Higginson Hall Renovation, Western Washington University, Bellingham, WA**
- **Ethnic Cultural Center Expansion, University of Washington, Seattle, WA**
- **Science and Math Building, Seattle Central College, Seattle, WA**

Alan Paden, AIA, LEED Green Associate | Project Manager

Project Role and Responsibilities

As project manager, Alan will be your primary point of contact and will be responsible for coordinating the activities of our team. He will be fully engaged in all steps of the design concepts. His attention to detail will ensure that all options, issues, and scenarios are thoroughly evaluated and vetted.

Professional Summary

Alan's responsibilities include site investigation, programming, schematic design, design development, construction documents, construction contract administration, and project management. He has managed several renovation projects for various facility types, including research laboratories, educational facilities, and historical homes. Clients have included the University of Washington Health Science Center, Seattle Central Community College, and Seattle University.

Education

BA, Architecture, University of Washington

MArch, Architecture, University of Washington

Registration

American Institute of Architects

LEED Green Associate



Years of
Experience

14

His project experience includes the following.

- **State Route 7/Elbe Safety Rest Area, Elbe, WA**
- **Ethnic Cultural Center Expansion, Seattle, WA**
(pictured left)
- **Jesse Lee Home Historical Renovation, Seward, AK**
- **Bagley 291 Undergraduate Teaching Laboratory, Seattle, WA**
- **Health Sciences Center J1/J2 Microbiology Renovation, Seattle, WA**
- **Health Sciences Center Sixth Floor Renovation, Seattle, WA**
- **Higginson Hall Renovation, Bellingham, WA**

Ethnic Cultural Center Expansion, Seattle, WA



Ermias Ephrem | Project Designer

Project Role and Responsibilities

As the project designer, Ermias brings over 16 years of design experience to our project team. He is experienced with the necessary facilitation techniques needed to meld the technical requirements of facilities with a wide range of stakeholder desires. Ermias is skilled at bringing together the functional and creative aspects of design. His project enthusiasm has helped to translate consensus-building among stakeholders.

Professional Summary

Ermias has extensive experience in construction administration, design and construction document production, consultant coordination, code research, material research, quality assurance reviews, and technical advisory roles. He is proficient with the following software: Revit, AutoCAD, Microsoft Word, Microsoft Excel, Power Point, Photoshop, Architectural Desktop, and Architectural Render Viz.

Education

BS, Architecture and Urban Planning, Addis Ababa University
MArch, Architecture, Lawrence Technological University

Registration

Project Management and Sustainable Design



Years of Experience

16

His project experience includes the following.

- **Block 19 Amazon Tenant Improvements, Seattle, WA**
- **635 Elliot Amazon Tenant Improvements, Seattle, WA**
- **Predesign University Student Center, Tacoma, WA**
- **Phase VI Amazon Tenant Improvements, Seattle, WA**
- **Beachwood Elementary School, Lakewood, WA**
- **Evergreen Elementary School, Lakewood, WA**
- **John L. O'Brien Building Renovation, Olympia, WA**
(pictured left)
- **Mental Health Building, South Close Custody Penitentiary, Walla Walla, WA**
- **Health Sciences Center, Department of Comparative Medicine Sixth Floor Renovation, University of Washington, Seattle, WA**
- **Chiawana High School, Pasco, WA**
- **Hillside Elementary School, Clover Park School District, Joint Base Lewis-McChord, WA**
- **Health Sciences Center, H-Wing Institute, University of Washington, Seattle, WA**

John L. O'Brien Building, Olympia, WA



Blythe Meigs, PE, SE, LEED AP | Structural Engineer

Project Role and Responsibilities

As the project structural engineer, Blythe will provide a narrative report on how the design concepts satisfy the client's requirements, meets criteria, and is cost-effective. This report will address the basis of the structural design as it relates to all loads, including dead, live, wind, snow, earthquake, and any other significant load. This report will also describe the foundation, structural floor, structural walls, and/or columns and roofing systems.

Professional Summary

Blythe has more than 29 years of experience in project management, construction management, analysis, and design. She has designed structures of all materials types, including wood, steel, concrete, and masonry. Project experience includes hotels, assisted living facilities, libraries, schools, and mixed-use and commercial structures. She has designed site structures for a number of projects, including dumpsters, benches, site walls, fences, and signs.

Education

BS, Civil Engineering, University of Washington
MS, Civil Engineering, University of Washington

Registration

Professional Engineer: Washington
Structural Engineer: Washington
LEED Accredited Professional
Safety Assessment Program Evaluator

Bitter Lake Community Center, Seattle, WA



Years of Experience

29

Her project experience includes the following.

- **Bitter Lake Community Center**, Seattle, WA *(pictured left)*
- **YWCA Family Village**, Redmond WA
- **Technical Instruction Facility, Highline Community College**, Des Moines, WA
- **Vocational Arts Building, Shoreline Community College**, Shoreline, WA
- **University House Issaquah**, Issaquah, WA
- **Redmond Library**, Redmond, WA
- **Maywood Elementary School Library and Administration Addition, Northshore School District**, Bothell, WA
- **Mill Creek Hall, Edmonds Community College**, Edmonds, WA
- **Woodmont Library**, Des Moines, WA
- **Barstow Marine Corps Youth Center**, Barstow, CA
- **Pier 57 Salmon Cooker and Crab Pot Remodel and Renovation**, Seattle, WA

Trav Story, PE | Civil Engineer

Project Role and Responsibilities

As our project civil engineer, Trav will review the existing site conditions and provide recommendations on concepts to address vehicle ingress/egress and pedestrian movement to and from the site, water supply, and sanitary sewer needs, along with stormwater management on the site.

Professional Summary

Trav has 13 years of experience in civil engineering. His project experience includes design of storm drainage systems, sewer systems, water distribution systems, and construction inspection of bridges and storm drainage systems. He has significant experience with the design of conveyance systems, detention/retention systems, sewer and storm pump stations, and grease interceptors in residential, commercial, and public projects. He has designed these systems for projects, such as high schools, churches, plats, short plats, state highway rest stops, commercial properties, and private residences. Trav also has experience with estimating, writing specifications, flood studies, and site planning.

Education

BS, Civil Engineering, Brigham Young University

Registration

Professional Engineer: Washington

Envision Sustainability Professional: Washington

Main Post Chapel Renovation, Joint Base Lewis-McChord, WA



Years of
Experience

13

His project experience includes the following.

- **Main Post Chapel Renovation, Joint Base Lewis-McChord, WA** (*pictured left*)
- **Selah Creek Safety Rest Area, Selah, WA**
- **Lakes High School, Lakewood, WA**
- **Vernita Rest Area, Vernita, WA**
- **Alexander Graham Bell Elementary School Value Engineering, Kirkland, WA**
- **Britton Place Site Plan Review, Lacey, WA**
- **International Community School Value Engineering, Kirkland, WA**
- **Vertical Panel Assembly Line, Renton, WA**
- **Compressed Air Building, Renton, WA**
- **Pacific Sports Center, Tacoma, WA**
- **Artemis Hotel, Des Moines, WA**
- **Aitken Commercial Site Development, Tacoma, WA**

John Greenlaw, PE, LEED AP | Mechanical Engineer

Project Role and Responsibilities

As the project mechanical engineer, John will provide the buildings HVAC, plumbing, and fire protection conceptual design solutions for the proposed concepts as proposed to the City of Snohomish. He is well versed in design solutions for HVAC for many project types, including building remodels for both private and institutional clients in the Pacific Northwest.

Professional Summary

John is the lead mechanical engineer and a founding partner of The Greenbusch Group. As director of the firm's mechanical division, he oversees the mechanical design, vertical transportation, and commissioning services provided by the firm. His more than 35 years of experience in mechanical engineering encompasses system assessments, design reviews, design engineering, project management, construction administration, and commissioning of HVAC, plumbing, life safety, and other mechanical systems for new and renovated facilities.

Education

BS, Mechanical Engineering, University of Washington
MS, Mechanical Engineering, University of Washington

Registration

Professional Engineer: Washington
LEED Accredited Professional

Fisher Pavilion, Seattle Center Campus, Seattle, WA



Years of
Experience

37

His project experience includes the following.

- **Fisher Pavilion, Seattle Center Campus, Seattle, WA** (pictured left)
- **Seattle Aquarium Piers 59/60 Renovation, Seattle, WA**
- **Magnuson Park Building 2 Roof and Seismic Repairs, Seattle, WA**
- **Citywide Pool Renovations-Six Facilities, Seattle, WA**
- **Shoreline Community College Building 3000 Master Plan and Renovation, Shoreline, WA**
- **Suquamish Health and Fitness Center, Seattle, WA**
- **University of Washington, Guggenheim Fourth Floor Tenant Improvements, Seattle, WA**
- **Seattle Rep Theater Condition Audit Study, Seattle, WA**
- **Jackson High School Piping Replacement, Everett WA**
- **Snohomish Carnegie Library Restoration, Snohomish, WA**
- **Snohomish Elementary School and High School Value Engineering Studies, Snohomish, WA**
- **Frank Wagner Elementary School Expansion, Monroe, WA**

Mike Fitzmaurice, PE, LEED AP | Electrical Engineer

Project Role and Responsibilities

As the project electrical engineer, Mike's experience of well-rounded design experiences includes power distribution, fire alarm, low voltage systems, stand-by-power, and light systems and controls. He has the ability to provide effective communication for complex engineering concepts and ideas to non-technical stakeholders, as well as other disciplines and owner.

Professional Summary

Mike is a principal professional engineer with Travis, Fitzmaurice & Associates and has been with the firm since 1990. His extensive electrical design experience includes architecture-enhancing lighting design; communications systems, including audio-visual design, IP telephony, wide area networks, local area networks television, intercom, and sound; security; standby engine generator systems; and power conditioning. His extensive communications and audio-visual experience includes the design of wide area networks and local area networks for entire school districts and commercial clients. His network design experience includes high speed Ethernet, IP networks and prioritization, fiber optic cable plant, and coordinating utility services. Power, security, fire alarm, closed circuit television, and emergency power are also extensively designed on projects.

Education

BS, Electrical Engineering, Santa Clara University

Registration

Professional Engineer: Washington

LEED Accredited Professional

Rainier Beach Community Center, Seattle, WA



Years of
Experience

30

His project experience includes the following.

- **Rainier Beach Community Center and Pool**, Seattle, WA
(pictured left)
- **Kandle Park and Pool**, Tacoma, WA
- **Western Washington University Student Recreation Center**, Bellingham, WA
- **Central Washington University Pool Lighting**, Ellensburg, WA
- **Perrigo Park**, Redmond, WA
- **Central Washington University Student Union and Recreation Center**, Ellensburg, WA
- **University of Washington Hec Ed Lockers, Gym Lighting**, Seattle WA
- **University of Washington Intramural Activities Building**, Seattle, WA
- **Central Kitsap Olympic High School Pool**, Bremerton, WA
- **New North Creek High School**, Bothell, WA
- **Queen Anne Pool**, Seattle, WA

Dennis Teschlog | Cost Estimator

Project Role and Responsibilities

As the project cost consultant, Dennis' preconstruction services are extensive and his knowledge of construction cost has proven to be accurate and instrumental in establishing cost budgets for projects similar to the Hal Moe Building Remodel. His background experience allows him to see the big picture and to consider how every element of the project relates to cost, schedule, and the logistics of the construction process. He will be able to provide insight on the construction cost for each option, as well as an evaluation of the soft costs.

Professional Summary

Dennis is a senior cost estimator with 26 years of experience. He has developed cost estimates for many different project types starting with conceptual and pre-design studies through final design. He has assisted on design review and has participated on many value-engineering teams. He is experienced at developing life-cycle cost analyses, including operations and maintenance costs. Dennis is experienced in the development of detailed cost estimates for all CSI divisions, including mechanical and electrical systems from heavy/civil projects through structures. This detailed estimating skill set translates to developing parametric costs, cost comparisons, and developing funding documents from similar facilities and project delivery methods.

Education

BS, Civil Engineering, University of Washington

Centennial Middle School, Snohomish, WA



Years of
Experience

26

His project experience includes the following.

- **B117 Gymnasium Project at Naval Air Station Whidbey Island, Oak Harbor, WA**
- **Skagit Transit Maintenance and Operations Planning Feasibility Study, Mount Vernon, WA**
- **Snohomish County Public Utilities District 1, Alternative Analysis and Master Plan, Everett, WA**
- **City of Redmond Master Plan, Redmond, WA**
- **Marysville Pilchuck High School Food Commons Project, Marysville, WA**
- **Snohomish County Public Utilities District Addition to Administration Building Operations Center, Everett, WA**
- **Centennial Middle School Additions and Commons Remodel, Snohomish School District No. 201, Snohomish, WA (pictured left)**