



STATEMENT OF QUALIFICATIONS

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About Performance Engineers . . .

Performance Engineers is an engineering firm dedicated to structural engineering and analysis with your bottom line in mind. We specialize in engineering techniques that lead to innovative ideas in the structural engineering realm. In short, our mission is to offer our clients the most effective structural engineering designed to ensure the highest level of execution.

Performance has two advantages other firms don't:

First is our alignment with the InteFrame network of companies, including Idaho Truss and Component Co., Inc., one of the premier truss manufacturers in the nation. This gives us an advantage over other engineering firms because we have immediate access to current material costs and capabilities. This model has brought us success in several markets and has saved our clients significant amounts of money and time, while reducing their risk. We can do the same for you.

Performance Engineers second major advantage is that we have superior 3D modeling capability. This allows us to perform a more complete structural analysis to ensure the highest level of accuracy in design and economy during construction -- value added engineering at a new level. Our team of engineers is committed to offering the highest standard of engineering with our customer's objectives and the entire project in mind.

Headquartered in Idaho's beautiful Treasure Valley, Performance Engineers has been involved with projects in several states, including Washington, California, Utah, New Mexico, Montana, Arizona, Oregon, Nevada and Idaho.

We would honored to be part of your building team. With Performance Engineers on board, you will have buildings that are designed with unequalled efficiency, access to the most cost effective building components, and a dedicated team to make sure your project is handled timely and professionally.



Performance Engineers Management Team

Shawn Reeder, PE, Managing Partner

Shawn leads the team at Performance Engineers. Shawn has over 12 years of structural engineering, including work in 15 states and a wide variety of challenging environmental conditions. Shawn is experienced using masonry, concrete, steel, wood, steel studs, logs, and the integration of the materials. He understands the importance of the communication process and identifying the role of the engineer in finding solutions. Team building is vital to his process, and he brings this priority to the table on all Performance Engineers projects.



Jan Hickey, Operations Manager

Jan is responsible for overall service delivery and client relations. She is involved with strategic project management, as well as administration management. As Primary Project manager, Jan is committed to offering Performance Engineer's clients the highest level of service. She works closely with clients to keep projects on track and to make sure that their needs are being met in a timely and professional manner. Over 25 years of customer service training and management, her passion for her clients and their projects have given Performance Engineers a name for offering quality customer communications, a vital link in the construction process.



Other Team Members:

Anna Jones - PE, BS Architectural Engineering, University of Wyoming, Level 1 WTCA Truss Technician, Licensed Engineer in Idaho, Wyoming, Montana, Utah, Nevada, Arizona, and Washington.

Leif Elgethun - EIT, BS Chemical Engineering, BS Math, BS Chemistry, University of Idaho, Level 1 WTCA Truss Technician, LEED Accredited Professional, Project Lead Tamarack hotel projects.

Rick Baer – 23 years truss engineering and design, Level 3 WTCA Truss Technician

Torrey Roberts - EIT, BS Mechanical Engineering, Boise State University, Level 3 WTCA Truss Technician.

Performance Engineers are licensed in the following states:

Arizona, California, Idaho, Illinois, Indiana, Iowa, Louisiana, Montana, Nebraska, New Mexico, Nevada, North Carolina, Oklahoma, Oregon, Utah, Washington, and Wyoming.



The Performance Engineers Difference

Performance Engineers takes a unique approach to structural design and to customer relationships. Our innovative ways of engineering include the following:

- ✓ **Thorough Design** – we conduct a 3D model to size all members individually, not just over-engineered for repetition. Our computer generated structural model gives us the perfect perspective – constructability. Outstanding design does not guarantee constructability without construction pain and unnecessary cost. Our 3D model engineering is critical to our promise to you – constructible building designs with value-added engineering.
- ✓ **Access to Current Cost Data** – Because of our affiliation with the InteFrame network of companies, Performance Engineers has access to current cost of building components and materials. This has saved our clients tens of thousands of dollars. We make engineering decisions based on actual market prices of materials that most engineering firms don't have access to. It's our passion to improve the efficiency of our clients' buildings, and provide the most effectively engineered product.
- ✓ **Truss Design Expertise** – We understand the value the right components bring to the project, and our depth of understanding on truss design is second to none. We bring over 40 years of truss design experience to our projects. Plus, knowing both the performance capability *and* costs of pre-fabricated components, engineered wood products, and a wide variety of lumber alternatives allows us to make better design decisions on our clients' behalf.
- ✓ **Part of Your Team** – We become part of your team at the design stage, working closely with architects and clients in the beginning of the project. We continue this relationship during the engineering phase, and once the engineering is completed, we don't leave our clients without an engineer. Our service continues even though the engineering is done. We are available for construction administration through the final stages of your project.
- ✓ **A Wealth of Experience Beyond Engineering** – The Performance Engineers team includes a licensed contractor, several Wood Truss Council of America Level III Truss Technicians, and a staff of analysts and technicians with a wide variety of real-world, on-the-job construction experience. We provide our service in a way that will enhance your project because we are built on the principle that our solutions must be both structurally sound and constructible.



Projects and Satisfied Customers...

Performance Engineers client based is diversified. Because we can assist any customer, from the owner – builder requiring engineering assistance on a winter getaway cabin to the large commercial developer, our projects and our expertise is diverse. That's the Performance way. Our clients come first, and their engineering challenges become ours to solve.



Tamarack Lodge – Cascade, Idaho

Our client was using difficult plans that just did not work. The plans called for materials that were not readily available. The drawings did not engineer to minimize construction time and maximize profit. That is where Performance Engineer's team stepped in. We modified the design to create a workable load path and maximize the materials. With our team we were able to successfully take a project that was behind schedule and bring it ahead of schedule during the framing stage.

Our client was exceptionally satisfied with the time and money we saved them. Because of our engineering abilities and the success of this project, we have been awarded numerous projects at Tamarack.

“I wish we had gotten you guys involved earlier on the other wing too. I am hearing great things about all of the coordination and pre-planning that has gone on.”

-Sean Donovan
Director of Village Construction
Tamarack Development



Projects – Challenges and Successes



Since 1980, Sundell Architects has designed commercial and residential buildings in the Treasure Valley. Owner and founder Larry Sundell is meticulous about each design project he takes on and still prefers to create his architectural drawings by hand rather than by computer. While he has worked with a number of engineering firms he has consistently engaged Performance Engineers over the past five years due to their professionalism and expertise. "I've worked with larger engineering groups where I felt as though I was in the way, but Performance Engineers has treated each of my projects with equal dedication regardless of size."

The Challenge

Sundell Architects was hired by a long-time developer to design the Sagecrest offices, a complex of five commercial buildings. Sundell developed an innovative floor plan with various ceiling heights and exteriors. The plans called for columns and beams to be used for interior structural support. While structurally sound, the use of columns and beams would have limited the open space as well as added to construction cost.

The Solution

While respecting Sundell's design vision, Performance Engineers was able to apply its expertise in wood component engineering to create a roof-framing plan using truss girders. This truss system eliminated the use of interior columns, allowed for greater feasibility in the use of space for future tenants and made the resulting buildings more rentable for the developer.

The Bottom Line

Performance Engineers' came up with a solution that created flexibility in the use of interior space in the Sagecrest office buildings. They did so without adding cost to the client or compromising the original architectural effect. Architect Larry Sundell greatly appreciates in comparison to his experience with other engineering firms. "Performance Engineers' extensive knowledge of truss design added a level of value to the project that I don't think I could have gotten anywhere else."



Projects – Challenges and Successes



Over the past decade McCarter-Moorhouse has designed and built more than 100 private residences and 20 light commercial projects throughout the Treasure Valley. With these projects ranging widely in design requirements and cost, the company has primarily relied on its in-house design capabilities to fulfill its clients' requirements. For the past several years, the company has turned to Performance Engineers when it has needed an additional level of structural design input.

The Challenge

Vicky Moorhouse, a McCarter-Moorhouse partner, is rightfully proud of her company's ability to take a residential or commercial project from client concept to final product. There are situations in which having an extra level of engineering expertise is necessary to ensure that a concept can be reliably executed as envisioned. "We've had projects where there have been additional degrees of complexity or restrictions such as snow loads that have a critical impact on the final design," Moorhouse notes. "These are situations in which we've turned to the structural engineering expertise of Performance Engineers."

The Solution

"When we provide preliminary concept designs to Performance Engineers we have the assurance that they will go through an analysis that ultimately translates into the construction materials we will use during the building process," says Moorhouse. "There is no way we could achieve this level of integration by relying on any other consultant."

The Bottom Line

Through its on-going relationship with Performance Engineers McCarter-Moorhouse has come to appreciate the peace of mind it delivers. "Since we do a lot of design work ourselves, the role that Performance Engineers plays in our projects is one of tremendous added value," Moorhouse observes. "Having them on our team means that we are able to more quickly and reliably translate what our customer is looking for into a design that we know will be cost-effective and structurally sound."



The Highest Quality Service



"Performance Engineers has been instrumental in helping us create a living community designed with our customer in mind. They have helped us create breathtaking town homes that will enhance the gorgeous Donnelly mountainside. These homes will fit the Valley County lifestyle - classic Idaho living with all the comforts of home."

*Steve Boch
Settler's Mill Development
Copper Canyon Development, Owner/Manager*

"Performance Engineers has been such a valuable partner for our company. They bring a wealth of engineering knowledge to our projects, saving us money and time. They have helped us manage our projects in a very professional, helpful way. Their customer service has been second to none."

*Charles Eldredge
Specialty Group, Inc
Meridian, Idaho*

