Sustainability
Design

LARSON BINKLEY
A new environment in engineering.

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Blue and Yellow Make Green
Being "green" may be all the rage these days, but we've been doing it for more than 20 years. Why? Because conserving resources and being environmentally responsible has always been important.

At Larson Binkley, we're well schooled in green design. We're experienced in the LEED® certification process. We balance initial cost, materials used, energy efficiency, aesthetics, and durability. And we can help you incorporate new technologies that are right for your business.

We actively participate in organizations that promote sustainable design, such as:

- The United States Green Building Council (USGBC)
- American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)
- The Center for the Built Environment (CBE)
- ENERGY STAR

But we don't just talk the talk. We actually walk the walk. Because sustainability is just common sense. For us, it means helping our clients choose long-term solutions that save money and save resources, whether it's for HVAC, indoor air quality, or water efficiency. We're green. Always have been. Always will be. It's really that simple.

Sustainability
Sustainability is just common sense. For us, it means helping our clients choose long-term solutions that save money and resources, such as:

- Improving lighting efficiency with strategies that exceed energy codes, maximize flexibility and keep budgets in line.
- Designing higher performance HVAC system solutions that have improved air quality and green refrigerant alternatives.
- Specifying plumbing fixtures that consume less water and water heaters that reduce standby losses.

Our staff of LEED® Accredited Professionals can provide in-depth knowledge of LEED® rating systems, expertise on USGBC policies and procedures; experience with other programs such as EPAct and Energy Star, and their correlation with LEED® certification and have numerous projects certified to various levels.



Sustainable Systems and Strategies

- Displacement ventilation
- Underfloor air conditioning
- Energy recovery
- Geothermal heat pumps
- Variable primary pumping central chilled water cooling plants
- Variable primary pumping central hydronic heating plants
- High efficiency boiler systems
- Ice storage
- Water side economizers
- Evaporative condensers
- Evaporative cooling
- Low temperature cooling
- Water source heat pumps
- Modified dual duct variable air volume
- Outside air monitoring systems
- Demand ventilation controls
- High efficiency lighting
- Building automation systems
- Condensate collection systems
- Rainwater collection systems
- High efficiency plumbing fixtures
- Solar water heating
- Photovoltaics
- Wind power