



*Hutton Architecture Studio designs environments for learning and promotes sustainability in architecture.*



*Alexander Dawson Lower School*

Originally founded by Paul Hutton, AIA in 1990, the firm provides complete architectural design and construction administration, including site selection, master planning, programming, interior design, and sustainable design to clients throughout the Rocky Mountain West. Hutton Architecture Studio's staff of 15 includes five registered architects and eight architect interns, many of whom are LEED Accredited Professionals.

Hutton Architecture Studio is recognized regionally as an innovator in daylighting and sustainable design. Fundamental to all of the firm's work is the harvesting of daylight to improve occupant performance and the reduction of energy costs. Additionally, the use of recycled and environmentally friendly materials while creating low-maintenance environments is paramount to Hutton Architecture Studio. This interconnected approach benefits not only the occupants of the building but the environment as a whole.

Although the firm has a broad range of experience, its expertise is in the *design of educational facilities*. Hutton Architecture Studio has designed more than 90 school facilities totaling over \$400,000,000 in construction.



*Challenge prevailing assumptions* embodies Paul Hutton's thirty plus year commitment to sustainable building and the Hutton Architecture Studio team's on-going dedication to integrating the *full spectrum of sustainability* into high performance design.

Paul's experience designing solar homes in the 1970s led to his researching ways to reduce energy consumption in the 1980s. Recognizing that residential scale applications failed in large buildings, he explored daylighting as a fundamental energy conservation strategy. Today, it is at the center of the firm's work. In the 1990s when sustainable architecture was in disfavor, Paul's tenacity of purpose compelled him to meet Owner's construction budgets while covertly including sustainable features - from daylighting to indoor air quality measures and rain water harvesting to using local materials.

With the knowledge that buildings are the single greatest consumer of energy and the greatest contributor to greenhouse gas emissions, our team of LEED® architects challenges themselves daily to drastically reduce energy consumption. Three parallel principles focus our strength in achieving high performance buildings:

*Beauty* Clarity of organization, honesty in the use of materials and refinement of proportions creates beauty. For us, beauty does not reside in any one doctrine, but in stylistic diversity. Architecture rooted in place, reflecting the local climate and materials, regional culture and traditions, becomes a resource for the community.



*First fully-daylighted elementary school in 1985.*



*The first LEED NC Gold K-12 school in Colorado - Aspen Middle School.*



**Function** Buildings should enhance human activity. We research the pursuits of people within our buildings to gain insight into how the space will be experienced before we begin designing. This in-depth knowledge of people and their activities informs the architecture and creates environments which function effectively over the life of the building - ultimately conserving precious physical and capital resources.

**Durability** Truly sustainable buildings are only achieved through integrated design. At Hutton Architecture Studio, integrated design is the prism through which a building is transformed into the full spectrum of sustainability. Our collaborative process invites the ideas and perspectives of all stakeholders and synthesizes them into buildings which are: designed to the climate and sited for optimal daylighting; use local resources and reduce energy consumption; promote activity and comfort within its spaces; lower operations and maintenance costs.

*What's next in sustainability?* The Hutton Architecture Studio team is driven to question preconceptions, within ourselves and the field of sustainable architecture. Every member of our team is committed to being at the forefront of integrated design. Through rigorous exploration of current and emerging technologies, we will balance innovation with economic viability to achieve buildings which reflect the fullest sustainable spectrum.



*Specialized educational spaces with small classrooms with a central commons provides flexibility at Cherry Creek's I-Team.*