

## Sustainability

AU Group provides to our clients value to their projects through the use of sustainable design.

## Green Building Facts

In the United States alone, buildings account for:

- 72% of electricity consumption,
- 39% of energy use,
- 38% of all carbon dioxide (CO2) emissions,
- 40% of raw materials use,
- 30% of waste output (136 million tons annually), and
- 14% of potable water consumption.

## Benefits of Green Building

Some of the Environmental, Economic and Health and Community benefits are:

- Improve air and water quality
- Reduce solid waste
- Conserve natural resources
- Enhance asset value and profits
- Reduce operating costs
- Optimize life-cycle economic performance
- Enhance occupant comfort and health
- Minimize strain on local infrastructure
- Contribute to overall quality of life

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- Urban Planning
- Interior Design
- Commercial
- Adaptive Reuse
- Office Planning
- Residential
- Institutional
- Health Care
- Sustainable Design
- BIM and CAD Services

We provide diversified design, marketing and related consulting services to extended client base with strong core skills in design, presentation and production. We are a full architectural service firm.

## Comprehensive Architectural Services

### WHAT WE DO

The AU Group provides Architectural services to the Commercial, Institutional, Residential and Development sectors. Project types include Office, Retail, Health Care, Interiors, Residential Development and Hospitality. In addition to New Construction, we are experienced in Additions and Alterations as well as Redevelopment.



### BUILDING INFORMATION MODELING

Building Information Modeling (BIM) is used to provide clear, quantified information from project start through the entire Life-Cycle. For Facilities Managers or Builders, we can provide BIM models consistent with BOMA and GSA standards or customized to your specific needs, such as Estimating and Coordination. We also offer BIM support and training for your in-house staff.

### SUSTAINABLE DESIGN

AU Group provides to the residential and commercial market, in both new and existing buildings as well as in tenant spaces. From hotels and retail stores, to corporate workplaces sustainable design. Green buildings don't have to cost more than traditional space. Greening your building will save millions in energy, water and other costs.

### IPD/VDC

We are Design-Build and Integrated Project Delivery / Virtual Construction ready, we are structured for efficient production, and utilize web-based systems to provide 24 hour access to deliverables and communications for the entire project team.



- Feasibility Studies for Due Diligence and your Pro Forma studies
- As-Built documentation in BIM utilizing laser measuring tools
- Acoustical and Energy Analysis.
- Construction Observation, Pay Application Review and Approval, and Expert Opinions
- ADA and Life Safety Analysis
- Building Forensic Analysis.



Architecture.Urban Planning