

Projects

Commercial

Office, restaurants, strip malls, banks, credit unions, data centers, airports, heliports, apartments, churches, and libraries.

Educational

Elementary, middle school, high school, university, residence halls, and classroom laboratories.

Fire Protection Upgrades

Sprinkler and fire alarm projects in the following building types: university residence halls, hotels, warehouses, assisted living/nursing homes, and retail.

Governmental

Various buildings for Army and Air Force installations such as squadron operations, unaccompanied personnel housing, hangers, fuel storage & transfer facilities, and administrative buildings.

Health Care

Hospitals, doctors offices, medical clinics, dental offices, laboratories, nursing homes, and assisted living.

Retail

Copy centers, shoe stores, clothing and accessory stores.

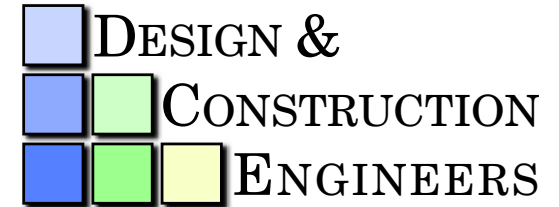
Design & Construction Engineers Mission Statement

To provide our clients with budget-conscious, flexible, and energy efficient designs, while providing our employees an environment where they can pursue their careers free of bureaucratic entanglements and restrictive company standards.

Perhaps one would expect a bold statement like “To be better than the best of the best,” something deep like “To intrinsically validate our personal congruency,” or something production driven like “To be the fastest engineering firm available.”

The fact is, all of those concepts and more are embodied in our mission statement. True engineers *want* to do the best job they can. They *want* to challenge themselves to think outside of the box. They *want* to get a job done as quickly and efficiently as possible. Doing things in this manner comes naturally to engineers. That is why engineers tear apart things that aren't broken—they want to see if they can improve them.

We believe that our company culture empowers our employees and gives them the incentive to provide creative designs. We also believe that what is needed to provide excellent service to our clients is hiring a talented and mature engineering staff and providing this staff with the tools needed to produce quality construction documents and responsible construction administration services.



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Company Information

Our seasoned engineering staff brings more than 60 years' combined experience in commercial, educational, fire protection, governmental, health care, and retail projects to your design team.

You'll appreciate our commitment to the traditional hallmarks of technical expertise with personal attention to the design process. You work hard to stay current with codes, trends, and standards. Our engineers stay active in professional organizations such as IEEE, ASME, and ASHRAE so that we too can stay abreast of current technologies that will benefit your projects and bolster your reputation.

What makes Design & Construction Engineers the best choice for you to partner with? We believe that it is the backgrounds of the founding principals. As a group, we have been: the owner representative; we have been the coordinating professional hiring AE firms; we have also been the contractor in the field.

This unique blend of owner-designer-contractor experience allows us an unprecedented vantage point to see your project through from conception to completion. It enables us to see challenges from multiple viewpoints in order to find the best solution for everyone involved. It's real world experience for the real world of consulting engineering and is the thrust behind our Vision Statement:

To be a preferred consulting firm in the mechanical, electrical, and fire protection disciplines to architects, owners, and contractors throughout the country.

Engineering Services Available at Design & Construction Engineers

Mechanical Systems

- Heating
- Ventilation
- Air Handlers
- Refrigeration
- Chilled Water
- Heated Water
- Air-conditioning
- Cooling Towers
- Heat Pumps
- Controls
- Chillers
- Boilers

Electrical Systems

- Uninterruptible Power Supplies
- Lighting and Appliance Panels
- Energy Management Systems
- Medium Voltage Distribution
- Illumination Calculations
- Motor Control Centers
- Fire Alarm Systems
- Distribution Panels
- Cathodic Protection
- Service Entrances
- Lighting Controls
- Security Systems
- Generators
- Nurse Call

Plumbing Systems

- Domestic Cold & Hot Water
- Sanitary Piping
- Water Heaters
- Storm Piping
- Medical Gas

Telecommunication Systems

- Telephone Systems
- Cabling Pathways
- Closed Circuit TV
- Data Networks
- Cable TV

Fire Protection

- On-staff Fire Protection Engineer
- Aqueous Film Forming Foam
- Stairwell Pressurization
- Sprinkler Systems
- Smoke Control
- Fire Pumps
- Fire Alarms

Studies

- Opinions of Probable Construction Costs
- Short Circuit and Protective Device Coordination
- Electrical Infrastructure
- MEP Feasibility
- Energy Analysis

Construction Administration

- Requests for Information
- Instructions to Contractor
- Proposal Requests
- Rough-in Observations
- Final Observations
- MEP Punch Lists
- Punch List Verifications