

Hospitality

Whether you are a resort, hotel, casino, spa or restaurant, in the hospitality industry, the goal is to get people to come in the front door and to stay. Regardless of the project, a welcoming comfortable atmosphere that keeps occupancy high, guests satisfied and wanting to return is the highest priority. Aesthetics and controllability are key factors in creating this environment, but making the buildings systems efficient and cost effective to operate and maintain also plays a large role in the long term financial viability of a facility.



Design Tree Engineering & Land Surveying is here to assist members of the hospitality industry in creating this environment and selecting building systems that meet the Client's needs. We recognize that environment doesn't just mean temperature and humidity, because aesthetics and lighting are just as critical to the financial success of your business. By listening to our Client's desires and expectations, Design Tree has successfully planned, designed and constructed millions of dollars worth of infrastructure improvements for hospitality clients across the country.

Design Tree offers the initiative to design systems that locate equipment in hidden areas, camouflage ductwork in architectural features, make the ductwork itself an architectural feature and use lighting to accentuate architectural features. These systems also provide controls for guest comfort as well as energy efficiency. These design factors protect the aesthetic concept of a welcoming atmosphere, while providing systems that are efficient and cost effective to operate and maintain. Both of which are an important part of your bottom line.

Design Tree will establish an atmosphere and pattern of trustworthy behavior. This trust runs as a two-way street and will assure maximum results in the working relationship.

Mechanical Engineering

HVAC & Plumbing Design
Hydronic Heating & Cooling Systems
Forced Air Heating & Cooling Systems
Geothermal Systems
Steam & Condensate Systems
Humidification & Dehumidification
Compressed Air & Gas Systems
Building Control & Automation
Plumbing Systems
Specialized Exhaust Systems
Process Piping & Pump Systems
Commissioning & Recommissioning
Energy Analysis

Electrical Engineering

Electrical Power Systems
Emergency Power Systems
Communication Systems
Lighting & Lighting Control Systems
Fire Alarm Systems
Life Safety Systems
Security Systems
Data Systems
Telephone Systems

Civil Engineering & Land Surveying

Topographic Survey
Boundary Survey
ALTA/ASCM Land Title Surveys
Preliminary & Final Platting
Construction Staking
Master Planning
Permitting
Site Layout/Grading Design
Site Utility Design
Street Construction
Site Layout/Grading/Utility Design
Water Distribution Systems
Wastewater Collection Systems
Storm Water Conveyance and Treatment

