

Healthcare

With advancements in medical technology and a higher priority on patient care and comfort, major renovations to building systems are necessary. Coupled with continuously changing healthcare regulations, concerns on indoor air quality, the need for real-time data, and the demand for increased energy efficiency; building systems are being pushed to their limits or beyond.

Design Tree Engineering understands that the stakes are high and system performance is of vital importance. Our technical and professional staff have the ability and creativeness to develop unique solutions for each situation to meet the Client's and their patient's needs.

Design Tree has been retained by Healthcare entities due to our thoroughness on projects from start to finish. We listen to the Client to design a system that efficiently and effectively meets their expectations. All the while realizing that time is of the essence and extended downtime in a healthcare facility is not an option. At the completion of construction, Design Tree commissions the building systems to ensure that system performance is as expected and to ensure the Client's infrastructure needs are fulfilled.



*Design Tree will work for
the sole purpose of the
best interest of the Client.*

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 Systems
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
Construction Staking
Master Planning
Site Layout
Site Grading Design
Site Utility Design
Storm Water Conveyance and Treatment



Design Tree ENGINEERING AND LAND SURVEYING