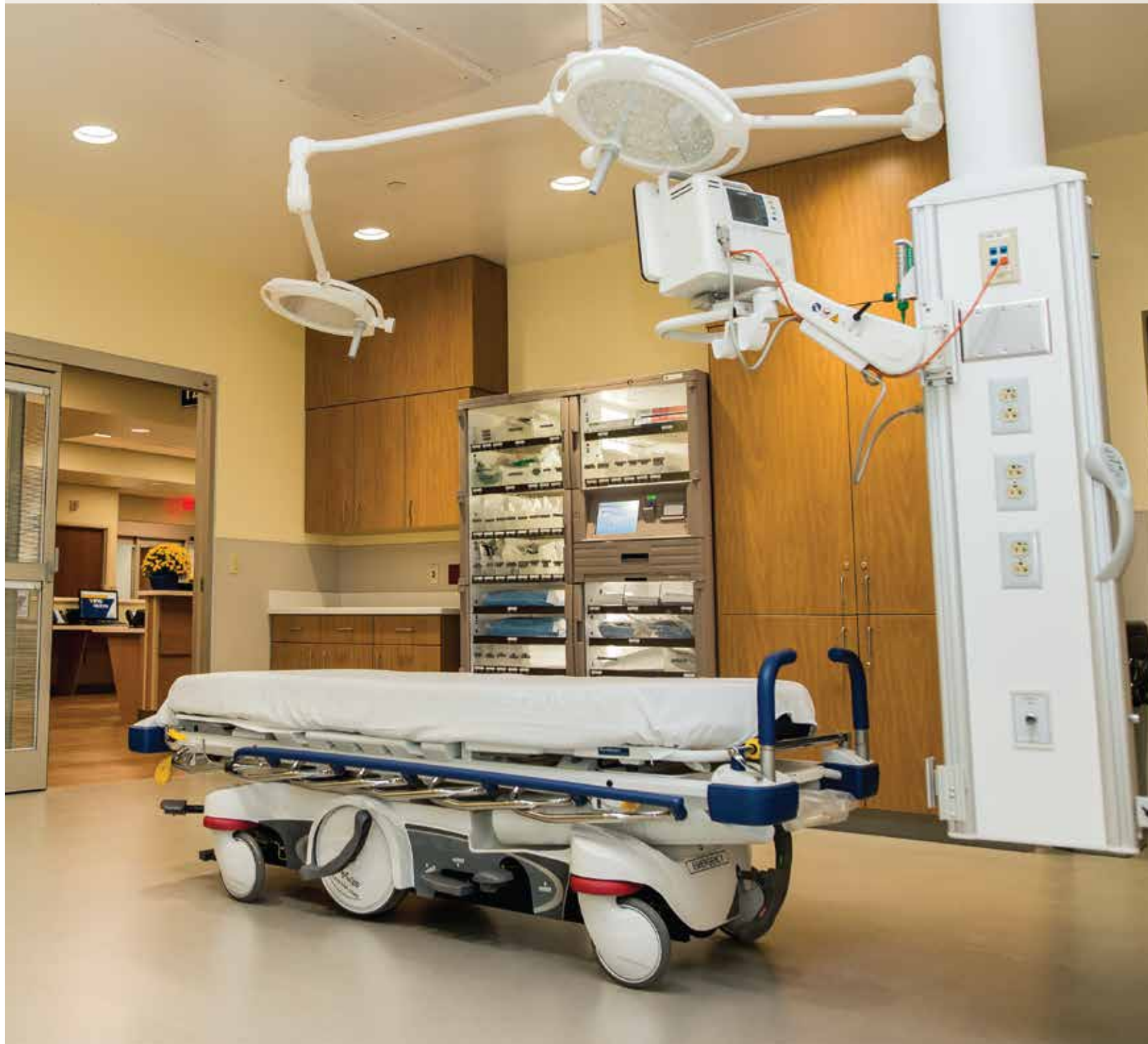


# HEALTHCARE



**PICKERING  
ASSOCIATES**  
*Architects • Engineers • Surveyors*

# Designing for safe and healthy communities.

Pickering Associates' highly professional staff includes architects, engineers, surveyors, designers, and support personnel. Our sole focus is complete customer satisfaction. Our collaborative team specializes in project development, project management, and engineering services in the industrial, manufacturing, institutional, and commercial sectors.

A broad client base reflects our highly diversified approach to meeting the challenges of each project. By integrating our expertise in architecture, mechanical, civil, structural, and electrical engineering, and automation & controls with extensive experience in project management and safety inspection and training, we are able to bring innovative thinking to design and execution of every project. We also have a dedicated BIM specialists group to fulfill needs for schematics and diagrams for everything from electrical and piping systems to steel construction.

What sets us apart is our ability to conceptualize, plan, and deliver all phases of our clients' projects. Whether you are looking for small scale facility renovations or large scale new construction, Pickering Associates will bring state-of-the-art engineering, tools, and techniques to your project.

## Project Management

- Project Management Professionals (PMP)
- Project Scope Definition & Development
- Budgeting & Scheduling
- Permitting

## Architecture

- Master Planning and Feasibility Studies
- Code and ADA Compliance Reviews
- Full Service Architectural Design

## Interior Design

- Space Planning and Renovation Design
- Material, Furniture and Fixture Selection
- On-site Coordination

## Structural Engineering

- Foundation & Building Design
- Structural Inspections
- Structural Failure Forensic Analysis

## Civil Engineering

- Site Layout & Grading
- Water/Sewer Layout & Design
- Pavement Design

## Surveying

- Boundary and Topographic Surveys
- Aerial Topographic Surveys
- GIS and Mapping Services

## Electrical Engineering

- Site Electrical Design
- Electrical System Analysis
- Fire Detection and Alarm

## Mechanical Engineering

- Energy Modeling
- Heating, Ventilation, & Air Conditioning (HVAC)
- Steam, Hot Water, Chilled Water, and Plumbing

## Environmental Science

- Phase I Environmental Site Assessments
- Mitigation Planning
- On-Site GPS Survey Grade Utility Mapping

## Construction Administration

- On-Site Construction Observation
- Change Order Management
- Final Inspection & Punch List

## Other Services

- 3D Scanning, Drafting, & Printing

## High-tech Healthcare Design

Hospitals and medical facilities are essential to the health of our population. Designing these structures requires a balance of technical requirements with the needs of doctors, staff, and patients. The design of a healthcare facility should communicate the type of medical care being provided as well as convey a welcoming sense of comfort, care, and well-being for the patients. Everything from the parking and drop-off areas to the signage, security, and finishes must be carefully considered and planned out in the building design. These items can greatly affect the overall patient experience and image for the facility and a thoughtful design can ensure that a suitable first-impression is created and maintained.

The architecture and engineering of a facility is often recognized as an important tool in attracting and retaining the best doctors, nurses, and staff as well as the most patients. The building design and layout as well as the intended functioning of the space should be carefully studied when building new or renovating an existing facility. The layout of the spaces must be efficient for both patients and staff to use, and flexible enough in design to prevent it from being limited with the ever-changing needs and technologies of the healthcare industry. An aesthetically pleasing facility is a key aspect of the perceived quality of care. This aspect of design must be reflected in the design from start to completion and considered in respect to the client's budget.

The design of healthcare facilities is often regulated by governing authorities, thus requiring a more strict design to meet specific healthcare regulations. Pickering Associates understands the required healthcare regulations and permitting process, and is familiar with the authorities have jurisdiction. We make every effort during the design phases of the project to involve the proper team, including the governing agencies, so all aspects of the project are considered and well thought-out before construction begins.

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We look forward to partnering with you.

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