



Star Suites

Star Suites is an Ambulatory Surgery Center located in Garden City, New York. EP provided design for the HVAC, Plumbing, Sprinkler, Medical Gas, Nurse Call, Electrical and Fire Alarm systems. The 10,000 square foot space features (4) Endoscopy Procedure Rooms along with supporting Recovery spaces, Clean/Soiled Rooms, a Scope Processing Room.

LOCATION

Garden City,
New York

PROJECT SIZE

10,000 SF

CHALLENGES

- Working within a tight design schedule to rapidly produce construction documents while maintaining a high quality of design that EP is known for.
- Modifying and utilizing existing HVAC systems to maintain required air changes and pressurization in accordance to ASHRAE 170.

ACHIEVEMENTS

- We were able to utilize the design of an Uninterruptible Power Supply (UPS) with an emergency inverter to provide a Type 3 Essential Electrical System (EES) in lieu of a diesel generator. This alternate design complies with NFPA 99 to provide emergency power for the space while allowing the client substantial savings on equipment and installation costs.
- We were able to have effective correspondence with the construction team and provide quick and comprehensive shop drawing reviews to minimize the required amount of site visits and keep the project on schedule.
- Provide independent dedicated exhaust systems to serve medical gas storage and scope processing room pursuant to ASHRAE 170 within a limited footprint.

