

SHEPHERD SPINAL CENTER – Atlanta, Georgia

PHARMACY CLEAN ROOM ADDITION

SCOPE Provide mechanical systems design and construction phase services for conversion of an existing office and workroom into a Class 10,000 Clean Room.



Owner
Shepherd Spinal Center

Prime Consultant
Howell Rusk Dodson

SPECIAL CIRCUMSTANCES

- Existing mechanical equipment and associated ductwork, controls and piping above the new Clean Room were removed/relocated.
- A new 1,600 CFM custom air-handling unit was selected to provide HEPA air to the Clean Room Suite, which requires 60 air changes per hour.
- Space temperature is maintained via an existing variable air volume terminal unit ducted to the return plenum of the air-handling unit.
- All new and relocated equipment located outside of the Clean Room Suite to minimize interruptions during routine maintenance operations.
- The existing pharmacy had to remain in operation during the construction.

