

FAB 3 SERVER ROOM



900 SqFt DEMOLITION/RENOVATION
Completed August 2008
Greensboro, NC



SERVER ROOM

This project consisted of converting an existing unoccupied storage space into the central corporate IT server center. It is one of the most compact server rooms on the east coast and houses all campus functions from this location. Prior to installation of the new concrete subfloor, approximately 18" of soil had to be removed. Since the location of this server room was inside an existing semi-conductor manufacturing facility, intricate care and caution had to be taken so as not to let heavy fumes and dust enter the manufacturing environment. The central features of this project included raised access flooring to allow for under-floor distribution of electrical and teledata systems, where all pedestals were grounded. The mechanical systems were comprised of a 30 ton air handling unit and "in-wall" air distribution with custom fabricated powder coated paint finish. New electrical switch gear and heavy duty wiring was required to support the HVAC system and lighting requirements. The owner's IT and HVAC equipment support is connected to the building's UPS system. The project was completed within eight weeks of permit issuance.



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