



## Project Profile

### Client:

AstraZeneca Pharmaceuticals

### Design Professional:

Jacobs-Wyper Architects, LLP

### Location:

Wilmington, DE

### Delivery Method:

Construction Management

### Key Challenges:

- To provide an exceptionally functional building that would optimize efficiencies in processing service providers to the campus.
- To incorporate sustainable products and green building concepts in accordance with AstraZeneca's long standing respect for the environment.

## Service Providers Center

Integrating aesthetics, comfort, and communication capabilities with green building concepts and sustainable products was a key factor for the successful completion of the 3,600 square foot Service Providers Center (SPC). Careful and deliberate planning went into things such as site location, roof design and lighting in order to minimize the structure's impact on the surrounding environment. Through the use of water efficient landscaping, dual action flush-o-meters, touchless faucets, and waterless urinals, the building uses 30% less water than conventional designs. A thermal envelope which minimizes heat gain and heat loss along with a 10kw photovoltaic panel system provides increased energy efficiency while a ground source heat pump delivers lower life cycle expenses. In addition, the materials used in construction contain over 21% recycled content, over 90% of construction site debris was recycled or reused, and over 26% of construction materials were manufactured locally.

In September 2008, the AstraZeneca SPC was recognized for its innovation in green building practices and became one of only two buildings in the State of Delaware to be certified LEED Gold by the U.S. Green Building Council.