



Project Profile

Client:

AstraZeneca Pharmaceuticals

AstraZeneca Data Center

Design Professional:

Phase 1 - Nelson Architects

Phase 2 - Jacobs/Wyper

Phase 3 - Nelson Architects

Location:

Wilmington, DE

Delivery Method:

Construction Management

Key Challenges:

- To renovate a data center located within a busy pharmaceutical campus without impacting its daily operations.

Phase 1: The Project Team focused on renovating the existing walls of the data center in order to meet a 1hour fire rating. This involved the removal of the raised access floor, shoring up and extending the existing wall, removing the non-rated drywall, and the installation of new drywall and finishes. In addition, the Team built 1 hour fire rated walls in the PBX room which is adjacent to the data center as well as a hallway which connects the north side of the data center area to the south side. The newly created PBX room was then equipped with an Ecaro gas fire suppression system above and below the raised access floor system.

Phase 2: The Project Team renovated the existing walls of the Demarcation Room in order to meet a 1hour fire rating following the same procedure as in phase 1. This room also has an Ecaro gas fire suppression system above and below the raised access floor.

Phase 3: The Project Team will transform one large room into three separate rooms - a storage room, a cell phone equipment room, and a room for testing and building computers and new programs.