CORNELL UNIVERSITY, ITHACA, NEW YORK

Wilson Synchrotron Lab (EzraNet)

Communications Infrastructure Project

Project Description

The project involved providing a new telecommunications infrastructure for Wilson Synchrotron Lab, an existing 125,000 sq.-ft. facility comprised of complex labs including the Synchrotron particle accelerator itself.

This is one of the last buildings to receive upgraded telecommunications infrastructure under the EzraNet Program. The telecommunications infrastructure upgrades include new telecommunications rooms, backbone copper and fiber optic cabling, and new CAT 6 horizontal cabling throughout the buildings.

All existing legacy cabling will be removed after the new network has been cutover.

Challenges

Wilson Synchrotron Lab is an active research facility with highly specialized labs that required unique design and construction solutions and processes.

Intensive coordination with the building staff and contractors was the largest contributing factor to the success of this project.

Statistics

Total Program Cost	$ 739,000
Firm Responsibility Cost	500,000
Completion Date	2012

Project Contact

Please call 585.424.1952 for references or visit our website for more project profiles.

ARCHI-TECHNOLOGY'S ROLE

Functions

- Budgeting
- Strategic planning
- Design/construction management services

Systems Coordinated

- Interior Cable Plant
- Telecommunications Rooms (TRs) and all associated backbone and horizontal cabling
- Voice and data systems
- New Telecommunications Rooms (TRs) included:
  - Electrical power upgrades
  - Grounding and bonding
  - Access and environmental controls

M E P T

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