

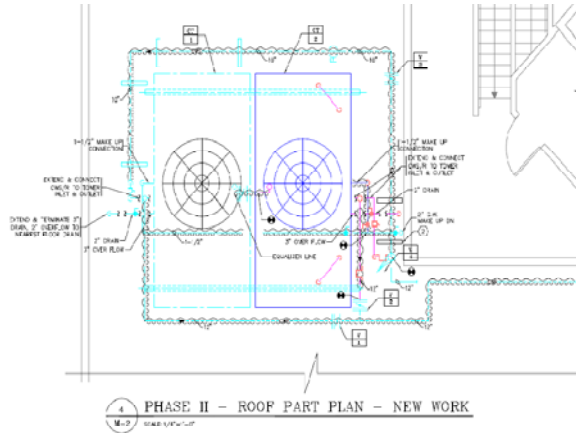
**CLIENT**  
**NJIT**  
**GITC BUILDING**

**LOCATION:**  
Newark, NJ

**DESIGN START:**  
2006

**DESIGN COMPLETE:**  
2006

**CONSTRUCTION**  
**COMPLETE:**  
2006



## **SCOPE OF WORK**

Design replacement of 800 -Ton Cooling Tower

## **PROJECT DESCRIPTION**

Recent A&J Consulting Engineering Services Projects within GITC Building:

- Analyze incident involving accidental Computer Center Shutdown via Emergency Power off (EPO) System, July 2006. Make recommendations for corrective action and provide budgetary cost estimate, August 2006.
- Make recommendation to monitor Computer Center UPS loads to provide design for two additional panelboards fed directly from UPS System No. 2, January 2007.
- Provide design for additional Liebert Power Distribution Unit (PDU) including three (3) Powerware Towers rated at 18 kVA, single phase, 120/208 volts, May 2007.
- Designed replacement of 800-ton Cooling Tower without interruption to Computer Center Operations, May 2006.
- Design modified Condenser Water loop for AC Units on Fourth and Fifth Floors, Computer and IT Operations, May 2007.