

**NetApp
Building 8
5 Story Office Building**



Owner:  NetApp™

Completion Date: February 1, 2009

CTC Design's Role

Commissioning

HVAC System Description

This project consists of the addition of a new five story office type building. It will be a LEED certified building. The mechanical system consists of a chilled and hot water plant with roof top air handling units and terminal air units with reheat coils in the space. The building will be equipped with a UPS system serving the IDF rooms. The project was built as a design-build by Devcon.

Team Leader Comment

We tested every single terminal air unit in both heating and cooling mode, approximately one hundred units. This virtually eliminated zone heating or cooling issues. This is now a standard procedure we follow; testing every single zone unit instead of testing a sample. Time well spent. The chiller plant was design using variable primary pumping with a twist. Two equal size chillers with a third pony chiller. Achieving chiller sequencing with proper pumping flow was a challenge to achieve with successful results at the end of the day.

Project References:

References available upon request.