

CLIENT

CONFIDENTIAL

LOCATION:

New York



Trane Chiller

Air Handling Unit

Trane Chiller

CONSTRUCTION VALUE:
\$400,000

DESIGN START:
2005

DESIGN COMPLETE:
2005

CONSTRUCTION
COMPLETE:
2005

SCOPE OF WORK

Design MEP for HVAC System Upgrade

PROJECT DESCRIPTION

The existing HVAC system was not able to maintain proper temperature required in the Laboratories and for the existing OASIS Barrier Isolator System located in one of the laboratory since chilled water was not available year round.

A&J as a prime consultant designed a new dedicated chilled water system for the existing Air Handling Unit. The chilled water system consists of a 50 Ton Trane Chiller, pre-piped packaged Pump Skid with two pumps (one operating and another standby) and a 100-gallon reservoir tank. The existing Air Handling Unit was also upgraded to include freezestat and baffles for proper mixing of return and outside air. The new chiller was installed on Roof with a steel dunnage.