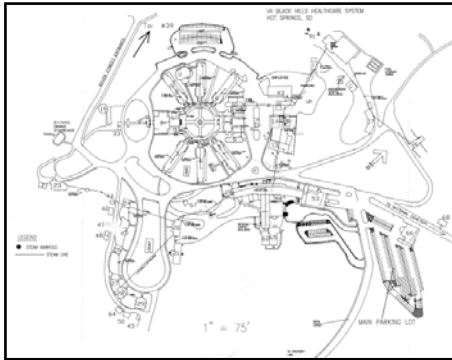




**VA Medical Center
Dietetics HVAC Study and Remodel**



This project involved a HVAC study and system upgrade in the 4,500 square foot Dietetics / Kitchen of the VA Medical Center in Hot Springs, South Dakota. The study focused on reducing energy usage by economically upgrading the systems contained within the facility.

System improvements include the replacement of two Make-up Air Units, upgrade of the HVAC pneumatic control to DDC, and upgrade of Kitchen Hood control system.

Project Data

Location

Hot Springs, South Dakota

Building Type

Health Care

Building Area

4,500 square feet

Mechanical Systems / Features

Make-up Air Units
Kitchen Hood Control Upgrade
HVAC Control Upgrade

Completion Date

Scheduled for December, 2003

The project entailed a system study and the upgrade of HVAC / Kitchen hood controls for the Dietetics Area. The existing Dietetic controls will be upgraded and replaced.

The preliminary phase of the project consisted of a study of the existing HVAC systems supporting the Dietetics / Kitchen area. The focus of the study was to decrease the energy usage of the facility. Existing systems consisted of two Air Handling Units, two Make-up Air Units, one Heat Exchanger, two Exhaust Fans., and associated HVAC and Kitchen Hood controls.

Existing HVAC pneumatic controls were upgraded to DDC to improve the functionality of the systems supporting the Dietetics / Kitchen Area, along with a replacement of the Make-up Air Units. The Kitchen Hood control was upgraded to permit automatic scheduling of the Exhaust Hood throughout the daily work cycle.

Construction will begin approximately October 2003 and will end in December 2003.