



## Buchart Horn Helps University of Memphis Utilize Navy Gift



The University of Memphis, thanks to the US Navy's generosity and Buchart Horn's design services, has a third major campus under development. With 38 acres of donated land and four buildings, including a former six-story hospital, the University has begun creating the Millington Campus.

The transition of the Navy facilities into an educational venue was initiated with Buchart Horn designs for the conversion of a former military barracks on the site into a 12,900 square foot classroom and administrative facility, now renamed Willis Hall.

Next in line is the renovation of the six-story naval hospital into Millington Center. To date, the basement and ground floors of the former hospital have been converted to 35,000 square feet of classroom, common area, office space, and storage and maintenance areas. The \$2,900,000 initial renovation is under budget and ahead of schedule, with the remaining floors of the hospital slated to be completed in the near future.

A significant aspect of the Buchart Horn hospital conversion design has been the utilization of a state-of-the-art dual plenum heating and cooling system. Estimated to have saved at least \$100,000 in construction costs, it is believed this is a first time such a system has been utilized in a major building renovation project.

### Firm Architect Reviews Cost-Saving HVAC System for Higher Ed Physical Plant Administrators

Advances in ductless, dual airway ceiling systems are reducing HVAC construction costs. The Tennessee Association of Physical Plant Administrations (TNAPPA) called upon Buchart Horn to introduce this technology at their 2006 Conference.

Buchart Horn demonstrated how selecting the ductless dual airway ceiling system for renovations to the University of Memphis Millington Center saved the client nearly \$3 a square foot on construction costs while increasing design flexibility.