

Programming for Healthcare Facilities

By David Bouffard, AIA, Associate

Liollo is providing programming services for a number of healthcare related clients including an 18,000 square foot, 20 bed Palliative Care Unit at the VA Medical Center in Charleston and a 20,000 square foot Adult Day Services Center for the Beaufort County Department of Special Needs. Architectural Programming engages the client in a process

to identify the organizational and operational goals and define the space types, allocation and adjacencies necessary to achieve these goals. A robust programming exercise enlists participants to think outside their current way of working and envision new ways to improve the delivery of their services to patients and family members and create a safer, more efficient work environment for their employees. Programming uncovers the qualitative aspects of and organization to ensure the mission and image of the organization are incorporated into the aesthetics of the design as well as the quantitative requirements that ensure the design is both appropriate and functional.

Liollo's programming effort at the VA Charleston included a mix of clinicians and facilities representatives in a series of work sessions in which the strategic vision for their new Palliative Care Unit was crafted. Some of the goals identified included providing all single bed patient rooms with maximum access

to natural light, incorporating ADA compliant toilet and showers in each patient room, provid-

ing separate family and staff entrances into the unit, creating a non-institutional atmosphere for patients and staff, and incorporating a "Main Street" concept which groups patient activity areas including dining, TV lounge, barber/beauty shop and a laundry facility around a main corridor, remote from patient rooms.



Ralph H. Johnson VA Medical Center Palliative Care Unit Programming

For the Beaufort County Department of Special Needs, Liollo is currently working with a programming team consisting of eleven user group representatives from administrative and program service lines to develop organizational, functional and space requirements for a new facility that will double the size of their existing space. The new facility will allow the users the opportunity to create flexible, reconfigurable spaces for their current and future services and client population.

Key advantages of programming include the involvement of stakeholders in the definition of the scope prior to a design effort, an emphasis on the gathering and analysis of data at the early stages of a project, promoting consensus building and ensuring the design is based upon sound decisions, and greater control of schedule and costs by avoiding redesign as requirements emerge during design. The most cost effective time to make changes is during programming – as a project progresses into schematics, design development and construction documents, the costs associated with any changes greatly increase.



Naval Health Clinic Charleston – 1st Floor Programming

Dennis Knight Recognized by AIA Charleston and USGBC South Carolina Chapter



Ken Harkins, AIA Charleston President, and Gretchen Penney, AIA present Dennis Knight, LEED® AP, CCS, Principal (center) his Special Recognition Award.

The Charleston AIA honored M. Dennis Knight, with a Special Recognition Award during the Honor Awards Program for Services to the Community and Design Profession on October 15. A frequent lecturer both locally at universities and colleges, and nationally for ASHRAE, Dennis was lauded for his contributions to sustainability in architecture and green design, as well as his involvement in various professional engineering and construction organizations.

Dennis was also honored by the US Green Building Council South Carolina Chapter during their Leadership Awards Ceremony on October 16. Dennis was presented with the Leadership award in the Individual category for his vision, leadership and commitment to the advancement of green building and construction in South Carolina. Dennis was recognized both for his work in supporting green building throughout the state as well as on the national level through his involvement with ASHRAE. A Principal at Liollo, Dennis serves as the firm's Director of Practice Management. Congratulations, Dennis.

Interns Earn Accreditation



Jennifer Hurst, LEED® AP and Frankie Sharpe, LEED AP Please join us in congratulating Jennifer and Frankie for earning LEED® Accredited Professional status. Liollo now has 15 LEED Accredited Professionals on staff.

Footings to Finishes

Federal **Ralph H. Johnson VAMC Wing 4B North Renovation**



Liollo Architecture was retained to modernize wing 4B North of the Ralph H. Johnson VA Medical Center, in order to improve patient rooms, increase hospital efficiency, and facilitate new technology.

The project entailed the renovation of 10,000 square feet to create new single-patient rooms, adding a tuberculosis isolation room and spinal cord injury rooms. Design and construction were sensitive to the occupied center and was phased to minimize disruption to staff coordination and patient needs. The process required dividing the floor into two segments, north and south, using half of the floor in progress and half of the floor below. Liollo was also responsible for assisting VA engineering staff during the construction phase of the renovation.

Higher Education **College of Charleston Craig Hall Renovations**



The main objective of this project is to consolidate the College of Charleston's Admissions offices, which are located in multiple buildings throughout the campus, into approximately 23,000 square feet on the ground floor of Craig Hall.

Admissions is a vital important component of the daily operations of a college, receiving prospective students and their parents, becoming the face and personality of an institution. Within the main meeting room, a large window looks upon the historic Porter's Lodge, cistern, and Randolph Hall. The renovation will maximize this asset by purposely framing this image of the College. In addition to the meeting room, program spaces include offices, conference rooms, mail/storage and support spaces. Sustainability is also a major part of this program; a project goal is to achieve LEED-CI Platinum certification.

www.liollo.com

Liollo Architecture
147 Wappoo Creek Drive, Suite 400
Charleston, SC 29412
T: 843.762.2222 F: 843.762.2300



Liollo Links Staffers Attend Symposium



Jennifer Hurst, LEED® AP & Jennifer Charzewski, LEED® AP with Charlotte Fire Department Deputy Chief David Duffy

Jennifer Hurst, LEED® AP and Jennifer Charzewski, LEED® AP attended the 2008 Fire Industry Equipment Research Organization (FIERO) Annual Fire Station Symposium in Charlotte, NC November 3-5. This fire station design symposium, which was developed by and run by fire service personnel, allows firefighters to share their experiences of their daily functions in both their living quarters and working conditions and to interact with the architects who focus on fire station design. Attendees sat in on presentations, met with vendors in the exhibition hall, communicated with firefighters and architects during meals and breaks, and toured Charlotte Fire Department Station Number 10 and the Charlotte Police and Fire Training Academy.

We Welcome Our New Employees



Alicia L. Reed, AIA, LEED® AP; and Mary Mac McFadden, LEED® AP, Architect Intern II

Helpful Green Hint:

Use a blank (black) screen for your computer's screen saver – animated screen savers often consume electricity unnecessarily.

Would you like to help us reduce paper consumption? It's easy! Go electronic and have our newsletter emailed to you! Please send your request to jane@liollo.com.

liollo
architecture