

## Walls are up for more health care facilities

Following the increasing number of replacement hospitals being built all over the US, Vision Control® has cut the deal on several new consistent projects that will place Unicel's insulated louvered units in some of the most innovative facilities in the country.

Among these projects, the Heartland Regional Medical Center in St. Joseph, MO is introducing an absolute premiere for Vision Control®. According to HDR Architects' requirements, the louvers are not only to be controlled by the nurses but also by the patients, for increased flexibility. Each of the 4 dozen integral louvers will be installed between a nurse's desk and a patient's room from which control will be located at the nurse call pillow speaker. The problem of accidental simultaneous operation is solved by the interface that coordinates the motors and switches, allowing both operators to perform louver rotation without short-circuiting.

Still in Missouri, another batch of close to 200 Vision Control® units will be installed at St. Clare Health Center in St. Louis, where the first full-service hospital to be built in the county in 30 years is being erected. The new facility, designed by HGA/Mackey Mitchell Assoc., will have decentralized nursing stations that bring staff within footsteps and view of patients for optimal safety, service, and response.



**Windows in nurses' alcoves featuring Vision Control® glass at the South Jersey Regional Medical Center in Vineland, NJ, designed by HKS**

The Karlsberger office in Columbus, OH is designing the new All Children's Hospital in St. Petersburg, FL, where some 300 Vision Control® units are required, of which half will be using Unicel's trim kits in doors and the other half will be installed in borrowed lights. The project aims at creating the largest NICU in the southeast, expanding the operating, diagnostic and therapy facilities.

Vision Control® is also required for two new health care projects in Maryland. The new replacement hospital of Western

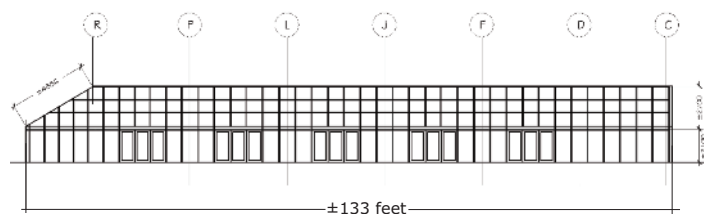
Maryland Health Systems in Cumberland (Hord Coplan Macht Architects) will have over 250 units installed on a total of seven floors at the new facility in order to accommodate patient rooms, ICUs, ORs, acute care, and high level care units.

The new patient tower and emergency department addition at Franklin Square Hospital (Wilmot Sanz Architects) in Baltimore requires close to 300 Vision Control® units that will be installed in hollow metal frames in interior partitions.

## Unicel custom structures get Hochelaga Pool to swim with the tide

The City of Montreal entrusted Unicel with a challenging project aimed at replacing the entire glass structure and remodeling the roof of Hochelaga swimming pool, one of the city's most sought-after sports centers. The envelope will incorporate Unicel's own 6 5/8" mullions, skylight rafters and purlins, including interior steel tubes that reinforce the whole structure.

The pool needs imperative work to take care of the water infiltration and the damaged skylight and curtain wall that affects the building's ventilation and energy efficiency.



**South elevation of Hochelaga Pool, Montreal**

The total square footage of glass panels to be provided by Unicel is over 4,200, including the skylight sloped portion, the vertical curtain wall, and the 9 sliding doors.

Unicel Architectural was appointed by the city architect Laurent Trudeau to remove the existing glass wall that is leaking and install a new one, with improved thermal and hermetic properties. Apart from its aesthetic architectural value, the project has to diminish energy consumption and allow controlled daylight.

Unicel uses tempered triple IGU (bronze/low-E/low-E) with argon and energetic spacers that will help minimize heat transfer while protecting from direct sunlight. Moreover, condensation, a main concern in pools due to high humidity, is significantly reduced.

Unicel proves once again that it has the competence and the skills to take part in projects involving building envelopes and customized structures.