

# Celebrating the New Van Elslander Pavilion – Facts & Statistics

St. John Hospital and Medical Center broke ground in May 2005 for the Materials Management Building and March 2006 for the Van Elslander Pavilion.

**Cost:** \$163 million

**Square footage** (includes the Van Elslander North Pavilion and Materials Management Building): 307,752 square feet

**Construction Manager:** Skanska/L.S. Brinker

**Architect:** Harley Ellis Devereaux

**Demolition, relocation, renovation and temporary areas:**

- Demolition of more than 80,000 ft., including the kitchen.
- Relocation of chilled water and steam line, oxygen and natural gas lines, IT Data Center, Microbiology Department, and resident sleep rooms.
- Renovation of the powerhouse (including new power source from Detroit Edison substation five miles away, which provided additional power to the Grosse Pointe area surrounding the hospital); areas to tie in Van Elslander Pavilion with existing hospital; Rehabilitation Services; Pharmacy Department. Total square foot renovation is 143,363 square feet (including the Emergency Center renovation to be started soon).
- Temporary areas for the cafeteria and kitchen, food service delivery area, related freezers and refrigerators, and loading dock/materials management center.

**Fundraising**

- Campaign kicked-off fall 2005.
- \$30 million contributed to date as of September 16, 2007.
- More than 1,900 donors.
- Community leaders, trustees, physicians, associates, foundation, corporations, and community members all contributed to the campaign.
- 11 donors contributed \$1 million or more.

Over 



ST. JOHN HOSPITAL  
& MEDICAL CENTER

# Facts & Statistics, continued

## Statistics:

- Total tons of structural steel used for the Pavilion and the Materials Management Building: 2,960
- Total number of bricks: 420,000
- Total length of copper wire: 3 million ft. (almost 570 miles)
- Total length of conduit pipe: 500,000 ft. (almost 95 miles)
- Total number of electrical receptacles: 5,000
- Light switches: 2,000
- Electrical panels: 170
- Transformers: 92
- Plumbing fixtures: 900
- Light fixtures: 5,100
- Ductwork: 46,500 ft. (almost 9 miles!)
- Parking spaces for patients and visitors: 489

## Environmentally sensitive features:

- Motion sensors for lighting
- Energy efficient light bulbs
- Digital controls for building temps (reduces energies used)
- High-efficiency mechanical equipment (reduces energy consumption)
- Off-gassing time for new materials before occupancy
- Materials purchased locally
- Material Management Building underground resulting in efficient heating, noise control, green spaces/landscaping and parking on top

## Materials Management

The Materials Management Building celebrated its opening in June 2006, and was an important precursor to the beginning of the Van Elslander Pavilion. The building, located underground (adjacent to the Van Elslander Cancer Center) houses the Receiving Dock, Linen, Central Supply Room (CSR), and Paint Shop. Each year, the linen department handles 4.4 million pounds of linen, CSR handles \$7.7 million worth of supplies, and Materials Management fills 33,000 Omni-Buyer requests and 20,000 Pyxis orders.