

## AURORA ST. LUKE'S HEALING GARDEN FACT SHEET

The Vince Lombardi Charitable Funds Healing Garden and Agnes and Morland Hamilton Conservatory on the roof of Aurora St. Luke's Medical Center is dedicated to giving patients a peaceful haven during their hospital stay. The garden includes more than 1,900 plants in 10,000 square feet of outdoor space and 4,000 square feet within the conservatory.

Aurora St. Luke's is a not-for-profit organization and was able to fund the entire \$4.9 million project through philanthropic gifts. The garden has earned Leadership in Energy and Environmental Design (LEED) certification.

The conservatory includes:

- A view of the Milwaukee skyline and lake.
- Indoor space for year-round use.
- A green roof to reduce run off.
- An entryway mural.
- Double-insulated walls to minimize noise.
- An 8-by-11 foot water wall and an interactive fountain.
- 12 tropical trees in four varieties.
- 404 tropical plants in eight varieties.

The outdoor garden includes:

- Pathways from 5 to 8 feet wide to accommodate wheelchairs and beds.
- Lookout areas and seating with views of Milwaukee, Miller Park and Lake Michigan.
- Circular walking paths with secluded areas for relaxation or meditation.
- Hardy trees and plants selected to withstand Wisconsin's climate.
- A paved labyrinth for reflection.
- An herb garden with aloe and other plants to remind visitors of plants' medicinal qualities. Some of the herbs will also be used by Aurora St. Luke's food service.
- 19 ornamental trees in four varieties.
- 381 flowering and evergreen shrubs in eight varieties.
- 1,139 perennials in nine varieties.

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## Healing garden fact sheet/Add one

Green elements in the project include:

- The garden is going through the Leadership in Energy and Environmental Design (LEED) certification process and has earned enough points at this juncture for basic certification.
- Replaced 3,774 square feet of concrete roof pavers with planters and walkways.
- Created a 2,149 square foot green roof planted with sedum atop the conservatory.
- Reduced runoff through the green roof system, which also prevents soil erosion in the planters.
- Chose adaptive, native plants.
- Used energy simulation software to optimize the building's energy performance.
- Selected a HVAC system that recovers heating and cooling energy for exhaust air steam.
- Offset window heat loss and cold down drafts using hot water radiant heaters.
- Installed automatic lighting controls to turn off non-essential interior lighting when not in use. Lights dim when there is sufficient daylight.
- Light fixtures use energy efficient lamps.
- High-efficiency glass and highly insulated walls and roof reduce heating and cooling costs.
- Drip irrigation system reduces water consumption.
- Bathrooms use low-flow faucets and toilets.
- Construction pollution was reduced by containing trash and loose materials, eliminating dust-generating tasks and using negative air machines.
- No chlorofluorocarbon-based refrigerants are used to chill water.
- No indoor aerosol adhesives, anticorrosive or antirust paints were used.
- Ultraviolet lights in the HVAC system protect against microorganisms, keep components clean, and reduce energy and maintenance costs.
- The HVAC systems filters air with 90 percent efficiency.
- CO2 sensors allow the HVAC systems to add more outdoor air if needed.
- Exceeded LEED standard for using regional materials, such as Minnesota limestone.
- Exceeded LEED standard for using wood-based materials certified in accordance with environmentally responsible forest management.
- Designed spaces for recyclable materials collection.
- Reused many existing roof pavers.
- Construction waste was collected for Aurora Health Care's recycling program.

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