

CASE STUDY



LEED Facts: NC v2.2

Certification awarded: June 13th, 2016



Gold	40 *
Sustainable Sites	10/14
Water Efficiency	4/5
Energy & Atmosphere	7/17
Materials & Resources	5/13
Indoor Environmental Quality	12/15
Innovation	2/5

**out of a possible 69 points*

Holy Cross Hospital

1500 Forest Glen Road, Silver Spring, MD 20910

This project has saved:

-  438,366 kWh/year
-  855,933 Gallons/year
-  2,079 Tons

PROJECT STORY

This new seven-story, state-of-the-art South Building represents the hospital's largest expansion in more than 50 years, adding 232,000 square feet for 150 patient rooms. The new rooms will improve comfort, privacy, and safety for patients at Holy Cross Hospital. The expansion also includes an all new central utility plant that provides efficient heating, cooling and emergency power for all occupants.

SUSTAINABILITY HIGHLIGHTS

The construction of the Holy Cross Hospital South Building was completed by The Whiting-Turner Contracting Company, whose sustainable construction practices played an integral part in achieving LEED Gold certification.

Recycled content accounted for 13% of all construction material costs, regional content amounted to 19% of total material costs, and over 70% of wood used on the project was FSC-certified.

More than 87% of construction waste material was recycled or salvaged, keeping over 2,000 tons of waste out of landfills.

100% of paints, sealants, adhesives, flooring, and composite wood materials used on the job were compliant with LEED indoor environmental quality requirements.

Whiting-Turner also contracted with a renewable energy credit provider to offset 70% of the building's energy consumption via Green-e Certified Renewable Energy for 2 years.

- Owner:
Holy Cross Health
- Architect:
SmithGroup JJR
- Civil:
Loiderman Soltesz Associates
- MEP:
Leach Wallace Associates
- General Contractor:
The Whiting-Turner Contracting Company
- LEED Consultant:
Lorax Partnerships