



ASPIRUS WOMEN'S HEALTH
BIRTHING CENTER - NEWBORN
INTENSIVE CARE UNIT
WAUSAU, WI

94% Energy Star Compliant
Equipment & Appliances

30% Less Water Use

89% Of Construction Waste
Diverted From Landfill



LEED® Facts

*Aspirus Women's Health Birthing
Center - Newborn Intensive Care Unit
Wausau, WI*

LEED® for Commercial Interiors
Certification awarded 2010

Gold 33/59*

Sustainable Sites 3/7

Water Efficiency 2/2

Energy & Atmosphere 5/14

Materials & Resources 7/14

Indoor Environmental Quality 14/17

Innovation & Design 2/5

**Out of a possible 59 points*

The information provided is based on that stated in the LEED® project certification submittals. USGBC and Chapters do not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation, and maintenance. Energy efficiency and sustainable results will vary.

ASPIRUS WOMEN'S HEALTH BIRTHING CENTER - NEWBORN INTENSIVE CARE UNIT (NICU)

Optimal Environment. Optimal Healing.

ASPIRUS BACKGROUND

Aspirus Wausau Hospital is a regional health resource for north central Wisconsin and the Upper Peninsula of Michigan. Aspirus Women's Health Birthing Center opened its level 3A Neonatal Intensive Care Unit (NICU) in February 2006. The NICU serves critical care infants over 27 weeks of gestation or 1000 grams. As the only NICU in the Wausau area the program has cared for more than 700 infants since its inception. Since its debut, patient volumes have increased to a level where it became necessary to increase the capacity of this extremely high-level care area.

PROJECT BACKGROUND

The new 9,913 square foot NICU space is located on the 2nd floor of the 3-story nursing unit conveniently adjacent to the Women's Health Birthing Center with a separate patient entrance on the South side of the facilities campus, which is a unique attribute for family and visitor access to the facility. The Aspirus NICU provides the most contemporary tested and validated design for the care of critically ill newborns. Aspirus has chosen to utilize the private room concept rather than a group or pod nursery for the care of infants resulting in staff supervision and patient access to be a driver with design of this unit, which now allows care for 14 infants. The new NICU also includes home-like areas for family members and visitors to bond with the infants and participate in their care, as well as to rest, relax and care for themselves. Additionally, within the NICU there are support spaces for staff members such as break rooms, offices, and classrooms, and resting areas.

STRATEGIES AND RESULTS

Aspirus is committed to moving forward with green practices in the design, construction, and operations, especially focused on implementing features that enhance the health and well-being of the patients, staff and visitors, minimize environmental impacts, and influence life cycle cost. The build-out of the NICU space is the first project that Aspirus has chosen to seek LEED® certification on. Conscious decisions were made to create a nurturing environment that allows Aspirus' highly specialized team of physicians and staff to deliver the specialized care infants require in the sensitive healing and development process. The most current technology and state-of-the-art equipment and care are utilized to further facilitate patient care. Technologies such as sound monitoring equipment, hands free nurse call systems, cardiac telemetry monitoring and paperless medical records are utilized. The high quality indoor healing environment includes special systems that control and monitor sound, light, temperature and humidity. Materials that are low-emitting, have high recycle content, and were regionally harvested and manufactured were also incorporated. The aesthetic appearance and décor of the NICU was specifically chosen to create a calm, home-like, relaxing environment for the newborns, caregivers and the family members.

ABOUT MIRON CONSTRUCTION CO., INC.

Miron Construction Co., Inc., headquartered in Neenah, Wisconsin, with regional offices in Madison, Wausau and Milwaukee, Wisconsin, and Cedar Rapids, Iowa, has been providing professional construction services to clients throughout the Midwest (with an expanded geographical reach across the U.S.) for the past ninety years. Miron posted 2008 revenue of \$621 million and is currently listed 106th among all general contractors in the United States (based on sales and revenue figures for 2008) by Engineering News Record. Another industry publication, Midwest Construction, ranks Miron as Wisconsin's largest general contractor, as well as the 16th largest contractor in the Midwest (based on revenue figures for 2008). Miron was also recently listed with the 2009 Inc. 5000; Inc. Magazine's annual ranking of the fastest-growing private companies in America. Miron provides construction management, design-build, and general construction services to the following markets: healthcare, commercial/office/retail, hospitality/entertainment, educational, religious, governmental/community, environmental, power/renewable fuels, food processing, pulp and paper, and industrial/manufacturing. For more information, visit miron-construction.com.

"Working to achieve Gold LEED® certification for the Aspirus Newborn ICU has further exemplified the commitment this organization has to being green in all aspects of healthcare delivery. The teaming and learning experience have provided invaluable lessons, which will be carried forward in future Aspirus projects and has created a healthier environment for the delivery and care of our most precious patients."

**General Manager of Construction, Aspirus
Gary Wojciechowski, CHFM, LEED® AP**



Owner: Aspirus
LEED® Project Administrator: Miron Construction Co., Inc.
Commissioning Agent: CDH Energy
Architect: Plunkett Raysich Architects, LLP
MEP Engineering Firm: Henneman Engineering, Inc.
Construction Manager: Miron Construction Co., Inc.
Controls Contractor: Johnson Controls, Inc.
Project Size: 9,913 square feet
Project Budget: \$2,600,000

Photography courtesy of Phil Weston

ABOUT LEED

The LEED® Green Building Rating System™ is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's web site at usgbc.org to learn more about LEED® and green building.

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