



Women's Resource Center

SUSTAINABLE BUILDING DESIGN

LEED® GREEN BUILDING PROGRAM

Women's Resource Center (WRC) will be certified under the **U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) Rating System**. The LEED® green building program is the world's most widely used green building program and was created as a leadership standard defining best practices for healthy, high-performing green buildings.

GREEN DESIGN STRATEGIES

LOCATION + TRANSPORTATION



Women's Resource Center is located on a previously developed site connected to a range of basic services which encourage robust and realistic alternatives to private automobile use, such as walking, biking, vehicle shares, and public transit.

ENERGY + ATMOSPHERE



Women's Resource Center has demonstrated a 27% energy cost savings over code minimums for conventional buildings through a combination of highly efficient mechanical and lighting equipment, a high performing thermal envelope, and no CFC refrigerant usage in any new equipment. These energy savings will be monitored through building-level energy metering.

SUSTAINABLE SITES



Women's Resource Center (WRC) has reduced pollution from construction activities by controlling soil erosion, waterway sedimentation, and airborne dust. WRC has also specified special lighting fixtures to manage light pollution, resulting in increased night sky access, improved nighttime visibility, and reduced consequences of development for wildlife and people.

MATERIALS + RESOURCES



Women's Resource Center has implemented a robust and comprehensive solid-waste recycling policy to reduce operational waste going to local landfills, including the collection and diversion of e-waste and batteries. This waste-recycling also includes waste management planning throughout the construction process, resulting in just over 9lbs of waste per square foot of the building footprint and an overall diverted waste totaling over 16.5 tons.

WATER EFFICIENCY



Women's Resource Center has dramatically reduced potable water use by installing highly efficient plumbing fixtures while monitoring water usage through metering. This reduction adds up to just over 27%!

INDOOR ENVIRONMENTAL QUALITY



As a further commitment to occupant health, Women's Resource Center has provided a high-quality indoor environment by a combination of providing adequate levels of fresh air to all occupied spaces, sourcing low-emitting materials throughout the building, utilizing construction practices that enhance indoor air quality, and providing building users direct control over their lighting and thermal comfort.

See next page for Lessons Learned to implement on your project.



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Lessons Learned

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GREEN DESIGN STRATEGIES

LOCATION + TRANSPORTATION



Where possible, pick a site with robust public transportation lines nearby. Include bicycle parking, storage, and shower facilities to encourage commuters to bike to work rather than drive.

ENERGY + ATMOSPHERE



Women's Resource Center demonstrated a 27% energy cost savings over code minimums for conventional buildings through a combination of highly efficient mechanical and lighting equipment, a high performing thermal envelope, and no CFC refrigerant usage in any new equipment. How can you do this? Set goals early on with the mechanical team and ask for high performing equipment.

SUSTAINABLE SITES



Women's Resource Center (WRC) specified special lighting fixtures to manage light pollution compliant with Backlight, Uplight, and Glare (BUG) ratings. Minimize total outdoor lighting and look for dark sky compliant fixtures and low BUG rating fixtures for outdoor lighting needs.

MATERIALS + RESOURCES



Women's Resource Center did the best thing it could to reduce waste and preserve materials and resources. We reused an existing building, and made a small addition to accommodate our growing needs. Start with what your community already has built and see if you can use it!

WATER EFFICIENCY



Women's Resource Center reduced potable water use by just over 27% by selecting WaterSense labeled lavatory sinks, showerheads, and toilets with low-flow rates.

INDOOR ENVIRONMENTAL QUALITY



We're proud that building users have access to daylight, control over their lighting, and thermal comfort. If you're using an existing building, place project uses for most users in the areas that get daylight naturally. Give the users control over lighting with dimmable lighting and task lighting at their desks. Lastly, provide thermal comfort controls through operable windows where you can, desk fans, and accessible registers that occupants can open and close to allow for more or less conditioned air into their space.