



Building 36 is a LEED Gold sustainable building. Sustainable buildings can obtain LEED certification by earning credits in up to 9 categories: Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, Locations & Linkages, Awareness & Education, Innovation & Design, and Regional Priorities.

“LEED stands for “Leadership in Energy and Environmental Design,” and focuses on encouraging a more sustainable approach to the way buildings are designed, constructed and operated.”  
-Sean Grimsby

LEED Gold certification earns a total of 60-79 points. NASA strives for a minimum of Silver.



### Sustainable Sites

This category aims to curtail pollution and soil erosion that can result from construction. It also addresses the building’s direct environmental impact on the immediate area including air pollution and how building design moves rainwater or minimizes light or heat pollution.

B-36 earned 22/26 points for site selection, development density, community connectivity, alternative transport, (public transportation, bike racks), parking capacity, maximize open space, storm water (quantity & quality) and reducing heat island effect with a reflective and vegetated roof.

### Water Efficiency

LEED promotes water conservation through the use of water metering, efficient bathroom and plumbing designs, drainage gardens and self-sufficient irrigation systems.

B-36 earned 7/10 points for water use reduction and water efficient landscaping.

### Energy and Atmosphere

This category addresses building commissioning and energy performance of systems such as HVAC and lighting. Commissioning a building is the test and balancing of the main systems to assure optimum performance. The building must use 10 percent less energy than the USGBC baseline, and refrigeration systems cannot use chlorofluorocarbon (CFC) refrigerants. Extra points can be earned for renewable energy use.

B-36 earned 12/35 points for optimizing energy performance, green power, and using a measurement and verification plan.

### Materials and Resources

Buildings designed to minimize material use, or use biodegradable or locally harvested renewable resources in their construction, and minimize landfill waste and promote recycling in their operation.

B-36 earned 6/14 points for construction waste management, use of recycled content materials and regional materials.

### Indoor Environmental Quality



Indoor air quality includes ventilation, off-gassing of materials and thermal comfort. It also requires efficient lighting systems that are adequate for all necessary tasks.

B-36 earned 8/15 points for use of low-emitting materials (adhesives, sealants, paints, coatings, flooring, and composite wood, agrifiber), and thermal comfort.

### Design Innovation & Regional Priority



Extra credit for exemplary performance that considers innovative sustainable solutions and region-specific environmental concerns.

B-36 earned 5/6 and 2/4 points for maximizing open space, use of low-mercury lamps & recycled materials, green power, use of a LEED accredited professional, stormwater management, and construction waste management.

B-36 earned a total of 62 of 110 LEED credits