Building 35 is a LEED Silver 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. Certification levels are based on credits earned: Basic: 26-32, Silver: 33-38, Gold: 39-51, Platinum: 52+. NASA strives for Silver.

> *"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*

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-35 earned **7/14** points for construction pollution prevention, site selection, brownfield redevelopment, alternative transport (bicycle storage/changing rooms, low-emitting fuel-efficient vehicles parking, site development (protect/restore habitat & maximize open space), and heat island effect (reflective 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-35 earned **4/5** 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-35 earned **4/17** points for optimizing energy performance.

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-35 earned **7/13** points for construction waste management, use of recycled content materials, regional materials, and certified wood.

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-35 earned **7/15** points for ventilation, CO2 monitoring, outdoor air delivery, use of low-emitting materials (adhesives, sealants, paints, coatings, flooding, composite wood and agrifiber), and thermal comfort.

Design Innovation & Regional Priority

Considers innovative sustainable solutions and region-specific environmental concerns.

B-35 earned **4/5** extra points for water use reduction, using LEED accredited professional, use of certified woods and construction waste management.

B-35 earned a total of **33** of **69** LEED credits