

NW35: New Ashdown Graduate Residence LEED Gold Certification



CERTIFICATION!

On November 13, 2009, NW35: New Ashdown received a LEED-Gold certification from the U.S. Green Building Council. The project achieves a healthy indoor environment, efficient energy use and significant open space for its building occupants. Overall, NW35 was awarded 40 LEED points for optimizing a sustainable design, using non-toxic materials and incorporating innovative sustainable solutions.

LEED AND MIT

LEED is a nationally recognized green building standard, which awards projects points for sustainable design and performance. MIT has an Institute-wide goal of Silver Plus, which requires that new buildings achieve at least 33 points generally including specific credits that MIT values regarding energy, site selection, and healthy indoor spaces.

Rating Systems: LEED v 2.2 awards points for the following Categories:

- Sustainable Sites
- Water Efficiency
- Energy and Atmosphere
- Indoor Environmental Quality
- Innovation and Design

Credit Ratings are as follows:

- Certified: 26-32 points
- Silver: 33-38 points
- Gold: 39-51 points
- Platinum: 52-69 points

GOLD CERTIFICATION FOR NW35

NW35 is the first LEED-Gold Building on campus. Situated in the Norwest sector of campus, it houses over 400 students and includes a full dining area.

Key Green Features:

- Project remediated a previous brownfield site.
- Storm water management system significantly reduces the quantity of storm water runoff.
- A full year's commissioning effort is being made to ensure all systems are performing efficiently.
- Landscaping and irrigation systems will reduce irrigation water consumption and the irrigation water used on site is supplied by a non-potable source.
- Low-flow fixtures reduce water use by more than 20%.
- Building uses low-VOC emitting paints, sealants and carpets.
- Over 40% of project site is open space.
- Maximized daylight is available in over 95% of regularly occupied spaces.
- Construction waste management plan recycled over 75% of construction waste.
- Over 10% of project materials include recycled content.
- 15% total project materials have been grown, harvested and manufactured within 500 miles.
- Energy-efficient heat recovery wheels are utilized in toilet and kitchen exhaust systems.
- Building includes a comprehensive Green Housekeeping Program.

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