

# USING THE DESIGNED TO EARN THE ENERGY STAR CERTIFICATION GRAPHIC: COMMERCIAL BUILDING DESIGN PROJECTS

The Designed to Earn the ENERGY STAR Certification Graphic is awarded to Architects of Record who are partners in EPA's ENERGY STAR program for design projects that score 75 or higher on EPA's energy performance scale.

## CORRECT USE

This graphic indicates that the estimated energy use for the design meets strict criteria set by the U.S. EPA. It may be used by the Architect of Record and the building owner in their promotional materials for those projects that achieve Designed to Earn the ENERGY STAR.

Examples of common uses of the Designed to Earn the ENERGY STAR Certification Graphic are shown on the following page. The graphic is available in both horizontal and vertical formats.

In addition to the ENERGY STAR Mark Guidance found on pages 4.0 - 4.1 of the ENERGY STAR Identity Guidelines, please abide by the following guidelines when using the Designed to Earn the ENERGY STAR Graphic.

## INCORRECT USE

- Do not use as a designation for an EPA or ENERGY STAR partnership or endorsement.
- Do not use to imply that any organization has met the ENERGY STAR performance criteria.
- Do not use on a product or product packaging (the ENERGY STAR Certification Mark should be used to identify a qualified product).
- Do not use in a way that could be misconstrued to indicate that an existing building has earned the ENERGY STAR certification for its actual energy performance. (the ENERGY STAR Certification Mark should be used to identify a certified building).
- Do not use in advertisements or other promotional materials (either print or electronic), that are not associated with projects that achieved Designed to Earn the ENERGY STAR.
- Do not use as a standalone promotion for properties more than 24 months after (for building owners only):
  - the certificate of occupancy has been issued for the completed project or
  - the date on the Statement of Energy Design Intent for design projects that were never constructed.
- Do not use on stationery, such as letterhead, correspondence documents, or business cards.
- Do not use on cars, vans, or other vehicles.

# USES OF THE DESIGNED TO EARN THE ENERGY STAR CERTIFICATION GRAPHIC INCLUDE:

- Advertisements or other promotional materials, either print or electronic, which are specific to the certified design. The graphic should be located adjacent to the project description or building design that achieved ENERGY STAR certification; **1**
- Case studies or other project materials only if the document refers exclusively to the specified project; **2**
- Directly on certified building plans, adjacent to the building name in the title block. **3**

**1** Sustainability in architecture

ch.com/

**DESIGNED TO EARN THE ENERGY STAR**

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year. [www.energystar.gov](http://www.energystar.gov)

**2**

**DESIGNED TO EARN THE ENERGY STAR**

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year. [www.energystar.gov](http://www.energystar.gov)

Energy Savings Statistics  
 Compared to an average building EPA rating of 50)  
 Energy Savings = 26,988,862 kbtu  
 CO<sub>2</sub> Savings = 1,428 metric tons CO<sub>2</sub>

Targeting LEED® Gold certification for core & shell.  
 4-story office building with a 4-tier parking garage.  
 150,000 SF building with a 150,000 SF, 450 parking space garage.  
 Pedestrian plaza promotes community atmosphere.  
 Energy cost of \$2.02/sf or \$321,000 annually.  
 Energy performance 14% better than baseline standard per ASHRAE 90.1 2004.  
 High efficiency glazing reduces energy loads.  
 Energy recovery unit pretreats outside air to reduce reheat load.  
 VAC system and building envelope designed to meet thermal comfort conditions for human occupancy.  
 Provisions for showers and bicycle racks as well as parking for low-emitting and carpool vehicles.  
 10% reduction in water usage within building.  
 10% reduction in water usage for landscaping and irrigation.  
 10% construction waste to be salvaged or recycled.  
 10% of materials to have recycled content.  
 10% of materials to be extracted, processed, and manufactured regionally.

**3**

**FIRE RATINGS LEGEND**

2 HOUR SEPARATION U.L. NO. U-105  
 1 HOUR SEPARATION U.L. NO. U-485  
 1 HOUR RATED SMOKE PARTITION

**GENERAL PLAN NOTES**

**NOT USED**

1. THIS SPECIFICATION AND ALL MATERIALS ARE SUBJECT TO THE AIA/CES "AIA" MODEL PLAN...  
 2. ALL EXISTING BUILDING AND MATERIALS...  
 3. ALL EXISTING BUILDING AND MATERIALS...  
 4. ALL EXISTING BUILDING AND MATERIALS...  
 5. ALL EXISTING BUILDING AND MATERIALS...  
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 18. ALL EXISTING BUILDING AND MATERIALS...  
 19. ALL EXISTING BUILDING AND MATERIALS...  
 20. ALL EXISTING BUILDING AND MATERIALS...

**PROTOTYPE HIGH SCHOOL**

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**A1.02**

COMPOSITE PLAN