

**Tempe, AZ**

As part of Arizona State University's commitment to reduce its environmental impact and mitigate climate change, the 777 Tower at Novus Innovation Corridor\* achieved LEED GOLD level certification. Completed in the third phase of Novus, a 355-acre, 20-year multi-phased development, 777 Tower is built on 1.4 acres and encompasses 160,907 SF of Class A offices as well as 8,316 SF of retail space. Sustainability is an important pillar of Novus and was embraced by the 777 Tower utilizing USGBC's LEED rating system to guide design, support construction and drive building operations. Sustainable practices include reduced energy use through improvement of the building envelope, attention to occupant comfort and the use of low-flow fixtures and regional/recycled materials.

\*Novus Innovation Corridor is a public/private partnership between Arizona State University and Catellus Development Corporation.



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CONTRACTOR  
**RYAN COMPANIES**

**SUSTAINABLE STRATEGIES**

- Building systems do not use any chlorofluorocarbon (CFC) based refrigerants
- Promotes alternative forms of transportation through the building's proximity to bus and rail routes, secure on-site bike storage, and electric vehicle charging stations
- Green cleaning with non-toxic products promotes improved indoor air quality and decreased environmental impact
- Interior materials including paints, coatings, adhesives, sealants, carpeting, cabinets and furnishings have low or zero VOC's to improve indoor air quality
- Premium materials were selected for the project which include 28% recycled content and 47% locally sourced materials
- Enhanced commissioning plus measurement and verification ensures that building systems continue to operate at peak performance

**PROJECT RESULTS**

- LEED** for Core & Shell  
GOLD level achieved
- 24%** energy cost savings above ASHRAE 90.1-2007 standard
- 31%** reduction of potable water for domestic use
- 72%** reduction of potable water for irrigation
- 97%** of construction waste was diverted from landfills

**LEED Facts**

LEED for Core & Shell v3  
Size: 183,013 SF  
Certification Date: 9-16-20



POINTS ACHIEVED		61/110
	<b>Sustainable Sites</b>	<b>18/28</b>
	<b>Water Efficiency</b>	<b>4/10</b>
	<b>Energy &amp; Atmosphere</b>	<b>17/37</b>
	<b>Materials &amp; Resources</b>	<b>7/13</b>
	<b>Indoor Environmental Quality</b>	<b>6/12</b>
	<b>Innovation</b>	<b>6/6</b>
	<b>Regional Priority</b>	<b>3/4</b>

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