

# **UVA Green Building Standards updated to align with 2030 Sustainability Plan goals**

- Green Building Standards first adopted in 2019 in alignment with the 2016-2020 Sustainability Plan
- Updated Facility Design Guidelines with updated Green Building Standards as Chapter 8 released January 2022
- Applies to all new buildings, including the Democracy Center and Performing Arts Center

## **What's new in the Green Building Standards**

- No new connections for on-site combustion of fossil fuels in new buildings (unless required for safety or emergency back-up systems)
- Encourages moving away from on-site combustion of fossil fuels, where possible, in existing buildings

## **Other highlights from the Green Building Standards as of 2022:**

- Energy
  - New buildings must use less than half the energy of similar existing buildings on Grounds
  - Solar-ready roofs for all new buildings
- Water
  - Low flow water fixtures
  - Drought-tolerant landscaping
  - Irrigation is prohibited on landscapes and lawns throughout Grounds
- Waste
  - Construction waste is collected, reused and/or recycled
  - Recycling of paper, plastic and metal required; composting for organic waste encouraged
- Health
  - Prioritize installation of low-emitting, healthy materials
  - High-efficiency filtration and ventilation requirements to reduce occupant exposure to airborne pollutants and pathogens
- Natural Environment
  - Light pollution studies and "low-trespass" light fixtures for all new buildings
  - Green landscaping with minimal use of fertilizer and pesticides, and drought-tolerant and irrigation-free vegetation