

MASSACHUSETTS STATE GOVERNMENT LEADING BY EXAMPLE

COUNTDOWN TO 100 LEED CERTIFICATIONS

Since 2007, all new construction at state-owned facilities are required to meet the Massachusetts LEED Plus standard, which requires buildings to achieve both LEED certification and be designed to meet energy performance that is 20% better than the existing Massachusetts building energy code. Since that time, 100 buildings have been constructed that prioritize green building elements such as energy and water efficiency, sustainable materials, and innovative design. This poster highlights the 94th building to be certified in the state-owned building portfolio.



#94 DCR NORTH POINT MAINTENANCE FACILITY

Located at North Point Park in Cambridge, this LEED Gold building is one of only two Maintenance Facilities in Massachusetts, and one of only six in the country, to achieve this certification. As the primary garage for DCR's maintenance vehicles for parks in and around Boston, this new building consolidated staff and facilities from multiple temporary modular facilities used by DCR. Key design elements contributing to the certification include:



30% overall reduction in water use via low-flow plumbing fixtures



Three dual-head EV charging stations installed for DCR fleet use



Use of low emitting materials across facility, including adhesives, sealants, paints, flooring, and composite wood



50% of wood products certified by Forest Stewardship Council



39% improvement over baseline building energy performance; 35% electricity from renewables

PROJECT INFO

PROJECT MANAGER: DCAMM

DESIGN TEAM: LDa Architects

CONTRACTOR: Commodore Builders

CERTIFICATION: December 2020

SIZE: 34,760 sq ft

BUILDING FEATURES

- Maintenance bays heated with efficient infrared radiant heating
- Reflective roofing materials, tree cover, and covered parking reduce the urban heat island effect
- Construction resulted in remediation of former brownfield site

DCR SUSTAINABILITY

- 2 LEED buildings in portfolio
- DCR Walden Pond Visitor Center one of five buildings in the state portfolio designed to be zero-net energy
- Dedicated climate action team identifying opportunities for renewable thermal heating, solar PV expansion, and EVs + EV charging

Learn more:

Leading by Example Program: [Green Buildings](#)
U.S. Green Building Council: [DCR North Point Maintenance Facility](#)
[Department of Conservation & Recreation](#)

