

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 92nd building to be certified in the state-owned building portfolio.



#92 TRIAL COURT NEW LOWELL JUSTICE CENTER

Located in one of Massachusetts's 26 Gateway cities, this state-of-the-art LEED platinum building provides services for the Superior, District, Probate & Family, Juvenile, and Housing Courts of Middlesex County. Key design elements contributing to the certification include:



**48% improvement over baseline
building energy performance**



**100% reduction in potable
landscape water use**



**Access to public transport, bicycle storage
& parking for low-emitting vehicles**



**Construction utilized low-emitting paints,
adhesives & flooring systems**



**75% diversion of
construction & demolition debris**

PROJECT INFO

PROJECT MANAGER: DCAMM

DESIGN TEAM: Finegold Alexander Architects

CONTRACTOR: DIMEO

CERTIFICATION: Sept 2020

SIZE: 265,000 sq ft

BUILDING FEATURES

- Top 1% of LEED 2009 activities in U.S. & highest scoring project in state portfolio
- First courthouse in Massachusetts to receive LEED platinum certification
- Includes high-performance envelope, efficient lighting & controls, chilled beam HVAC system, and two solar PV arrays

TRIAL COURT SUSTAINABILITY

- 6 LEED buildings in portfolio
- Participates in DCAMM's real-time metering program, the Commonwealth Energy Intelligence System
- Dedicated Green Team actively targets opportunities to increase energy & water efficiency across building portfolio

Learn more:

Leading by Example Program: [Green Buildings](#)
U.S. Green Building Council: [Lowell Justice Center](#)
DCAMM: [Energy and Sustainability Programs](#)

