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 91st building to be certified in the state-owned building portfolio.

#91 MASSPORT HANSCOM AIRPORT RESCUE AND FIRE FIGHTING (ARFF) & U.S. CUSTOMS AND BORDER PROTECTION (USCBP) FACILITY

Located at the Hanscom Airfield in Bedford, MA, this LEED Silver building provides services for both MassPort ARFF and USCBP activities. Key design elements contributing to the certification include:

- **40% improvement over baseline indoor water use**
- **Features space for low-emitting, fuel-efficient vehicles**
- **Construction utilized low-emitting paints, adhesives & flooring systems**
- **75% diversion of construction & demolition debris**
- **30% improvement over baseline building energy performance**

PROJECT INFO

PROJECT MANAGER: MassPort

DESIGN TEAM: saam architecture

BUILDER: Daniel O'Connell's Sons

CERTIFICATION: May 2020

SIZE: 11,500 sq ft

BUILDING FEATURES

- Meets fire department, FAA, & USCBP Border requirements
- Includes ARFF vehicle bays
- Provides CBP passenger screening & support areas

MASSPORT SUSTAINABILITY

- 7 LEED buildings in portfolio
- 66 EV charging stations are available to support both fleet and public charging
- Comprehensive sustainability plan includes renewable energy, resiliency, clean air & water quality, and noise abatement goals & priorities

Learn more:

Leading by Example Program: Green Buildings

U.S. Green Building Council: Hanscom ARFF & USCBP Facility

MassPort Sustainability: Being Green at MassPort