



## **Community Living Center**

DCAMM Chelsea Soldiers' Home | Chelsea, MA

Located atop Chelsea's iconic Powder Horn Hill, the Community Living Center is a long-term care facility for Massachusetts' veterans that creates a dramatic new urban landmark capped by its solar canopy and reaching outward to frame the horizon. Designed to harness panoramic views of downtown Boston and the harbor, the transformative new facility will have 154 private rooms organized around shared community spaces and surrounded by generous courtyards.

The net zero hospital uses a performance-based approach to the building and systems design resulting in a building that is designed to use 63% less energy than a typical facility utilizing geothermal heating and cooling, extensive natural ventilation and a 0.7 megawatt rooftop-mounted solar array to meet state and federal fossil fuel reduction targets.



**Net Zero** 

46 kBtu/SF

O fossil fuel usage

**73**%

REDUCTION IN ENERGY USE compared to the 2030 baseline

100%

OF THE HEATING LOAD IS PROVIDED by the geothermal system

by the

OF THE BUILDING IS DAYLIT

**75**%

90%

OF THE BUILDING HAS QUALITY VIEWS

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PREDICTED REDUCTION IN

**35**%

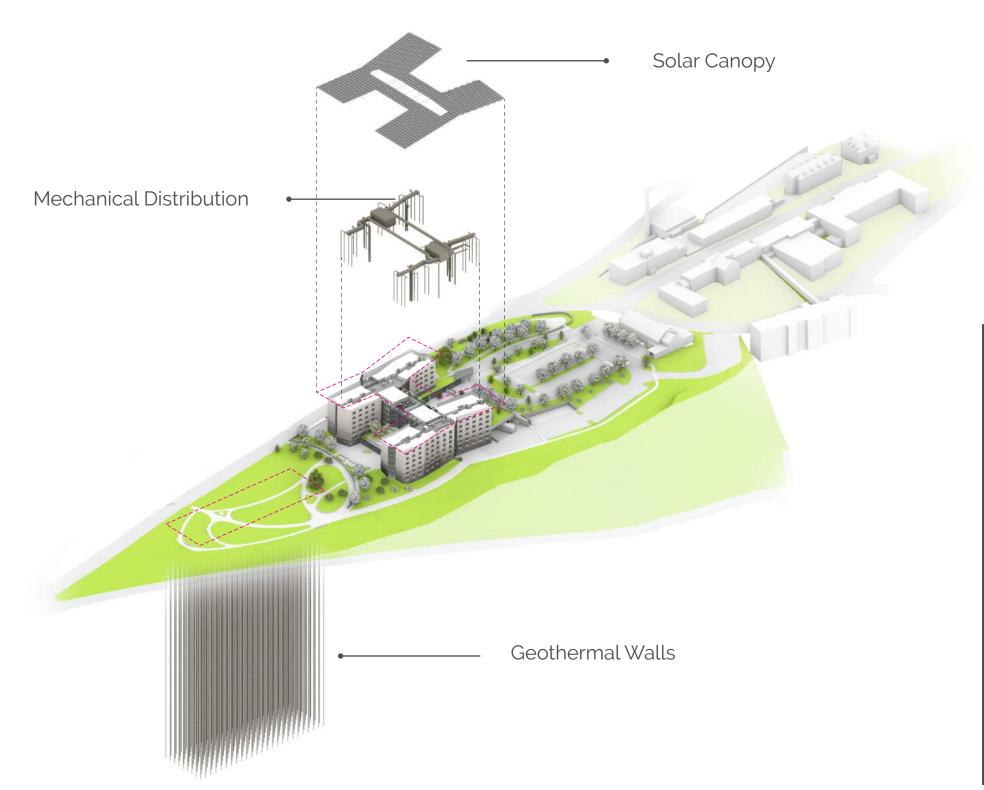
INDOOR WATER USE
compared to the LEED baseline

10%

**RENEWABLE ENERGY** produced onsite







LEED Facts New Construction (v2.2)	
Certification	
Targeting LEED GOLD	71
Location & Transportation	4/9
Sustainable Sites	7/9
Water Efficiency	4/11
Energy & Atmosphere	25/35
Material & Resources	8/19
Indoor Environmental Quality	14/16
Innovation in Design	6/6
Regional Priority	3/4



Akamai Technologies, one of the world's leading companies in the Content Delivery Network field, is rethinking their global headquarters in Cambridge, Massachusetts. In the fall of 2019 they are moving from six different buildings to their new headquarters in Kendall Square to continue to capitalize on the fastest growing tech hub in the country.

Akamai's vision for their new headquarters is a singular and integrated campus in a sustainable environment tailored to the health and wellness of their employees. The new 19-story, 480,000-square-foot design strategically organizes all collaborative spaces around a continuous path throughout the entire building, encouraging movement throughout the space and both planned encounters and serendipitous interactions. The path, a mile-long experience affectionately referred to as the "Aka-mile", begins in the warm and welcoming lobby at street level. The Aka-mile arranges many of Akamai's customer service programs around the first few client reception floors, taking the visitor along a journey of exploration and education around services Akamai offers, and how it has become a leader in the tech industry.

The path to the upper floors for the staff workplaces expresses Akamai's goals and vision around sustainability, and dovetails with the principles of the WELL Building Standard. Akamai has a serious commitment to the health and wellness of their employees. With an rich and robust series of policies to support employee wellness, Akamai was excited to provide leadership around this new standard, and to seek Gold level certification. In addition Akamai has implemented a number of key sustainability features to support the landlord's effort to developing the base building to meet LEED Core and Shell at the Gold level.

Many of the public spaces along the Akamile include amenities central to WELL certification. The path weaves its way through interconnecting stairs, through double-height meeting spaces, coffee or juice bars providing healthy nourishment, brainstorming and innovation spaces for meetings of the mind, spaces that support a community of knowledge sharing and invention. Quiet, isolated libraries offer a respite, and living rooms throughout the path allow employees the opportunity to take in a change of scenery. Mega Bytes—a combination food network and activity node—draws people to the top floors of the building, offering the best views of Cambridge and Boston to all employees.

Sasaki's design unites all of Akamai, encouraging their productivity, wellness, innovation, and creativity and aspiring to new heights.

## Project Team

Architect | Sasaki

MEP/FP | WSP

Structural |
Magnusson Klemencic Associates

Lighting | HLB Lighting Design

Food Service | Colburn & Guyette

AV Design | ACT Associates

Tel/Data, Security | Cosentini

Owner | Akamai Technologies

Specs | Kalin Associates

Hardware | ArkaSpecs

Acoustics | Acentech

Code | Howe Engineers

Commissioning |
BR+A Consulting Engineers

Sustainability | Cushman & Wakefield

Furniture Vendor | Teknion



