



nerej

Project of the Month: Bergmeyer and J. Calnan & Associates complete Boston Dynamics new corporate headquarters and lab facilities

April 09, 2021 - Front Section



Waltham, MA Bergmeyer, the award-winning design collaborative based in Boston and LA, and J. Calnan & Associates (JC&A), a leading construction management and pre-construction services firm, completed the corporate headquarters and lab facilities for world-renowned robotics firm Boston Dynamics. The 180,000 s/f state-of-the-art office space and lab facility serves as an innovation hub for the Boston Dynamics' team, supporting the brand's rapidly growing engineering, research and development, and marketing teams while not losing sight of what is at the core of its culture – family and connectivity.

The new workplace spans three levels and was built within an existing space to accommodate Boston Dynamics' rapid expansion. It was intentionally designed to achieve several goals. First, to connect Boston Dynamics' team to the work throughout the building, which is achieved via workstations, offices and conference rooms that overlook open plan robot labs and provide an on-going connection to the company's mission. Second, it reflects the company's value of craftsmanship and intentional design with the use of natural materials throughout. Lastly, the space centers on natural light, with views to the outdoors and daylighting throughout the entire workplace.

“One of Bergmeyer’s main concepts was to create a ‘building within a building,’” says TJ DiFeo, senior associate and design practice leader at Bergmeyer. “We needed to apply the goals that Boston Dynamics had for the new program while maintaining the best parts of the existing space their team was drawn to initially. Bergmeyer created an improved organization within the space, with a mix of visually and physically open areas consisting of flexible lab and workspaces that encourage collaboration, promote teamwork, and help inspire ideas and innovation.”

The new headquarters and test lab facilities were created within an existing building located at The Post in Waltham, MA, and is anticipated to achieve LEED certification. Ninety-six percent of the interior structure was retained during the fit-out, contributing to reduced demolition and construction waste, energy use, and greenhouse gas emissions while also minimizing the negative environmental impact associated with the use of new construction materials. Bergmeyer’s design team leveraged the existing space’s sectional qualities, extending the mezzanine to create dramatic “cantilevered” meeting rooms overlooking the robotics labs. Physical and visual connectivity throughout the space facilitates and promotes cross-pollination, further strengthening Boston Dynamic’s team-driven culture.

“Our team is passionate about construction and technology, and partnering with Boston Dynamics was the perfect opportunity to combine both those passions,” says Daniel Charest, project executive from JC&A. “In fact, we worked with Boston Dynamics to beta test their Spot robot on our construction sites and now have used them to enhance employee productivity in documenting and managing site progress.” The firm’s president Jim Cahill adds, “We always look for opportunities to align ourselves with outstanding clients like Boston Dynamics, and we are proud to deliver this new facility that is commensurate with their status in the robotics world.”

With an innovative mix of fabrication, engineering, test labs, demonstration areas, office and meeting spaces, kitchens, a fitness room, mother's and quiet rooms, and a multifunctional Town Hall at its center, the new headquarters remains true to the company's values of inter-connectivity and transparency.

Bergmeyer and JC&A successfully collaborated with former building owner, Anchorline, brokerage and project management group CBRE, and NV5 engineering to make this vision a reality. The result serves as a home uniquely designed to meet the needs of the Boston Dynamics workplace family; robots included.

Disclaimers: The photoshoot at Boston Dynamics was conducted by adhering to the Commonwealth of Massachusetts' guidelines for the pandemic. The photography method of using composite layers of people in the editing process was also applied to align with the shoot's safety measures.

Boston Dynamics project team:

Bergmeyer - Architect

J. Calnan & Associates - Construction Manager

Interstate Electrical Services - Electrical

Hancock Associates - Consultant

Signs on Site - Interior and Exterior Signage

Devine Technology - Audio Visual Integration

Hartranft Lighting Design - Architectural Lighting Design

PLAN, INC - Painting/Wallcovering

INNO4 LLC - Low Voltage Data Infrastructure

Colburn Guyette - Foodservice Design

Black Bear Coatings & Concrete - Flooring Contractor

New England Real Estate Journal - 17 Accord Park Drive #207, Norwell MA 02061 - (781) 878-4540