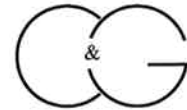


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- Sound System Design

CTA is proud to have been involved with the Mitre Center project, providing consultation in room acoustic design, sound isolation, and HVAC noise control.

CTA was founded in 1975 to provide practical, cost effective, and timely consulting advice on all types of sound and vibration problems.

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cde Project of the Month

PROJECT TEAM INCLUDES STUBBINS, BEALS AND THOMAS, CAVANAUGH TOCCI, COLBURN & GUYETTE AND AHA CONSULTING

96,000 s/f MITRE Center earns LEED-NC Silver Certification from the U.S. Green Building Council

BEDFORD, MA MITRE Center is the new LEED-NC Silver Certified gateway and amenities building for the 100 acre MITRE campus. The 3-story, 96,000 s/f building includes the main campus entrance, high-tech meeting and presentation rooms, campus cafeteria, and executive offices. MITRE Centre is also the centerpiece of a new campus master plan. The east and west facades of the building define edges of new courtyards and the southern facade marks the campus entrance.

MITRE Center was strategically located at the intersection of all major campus circulation routes. Over 1,600 employees in five adjacent buildings are linked to this new building by pedestrian bridges. The population of MITRE Center, which averages around 630 people, includes both full-time occupants of the executive offices and support staff and a transient population traveling to the presentation rooms, cafeteria, and other campus amenity spaces. As with all high-technology institutions, innovation is a key to MITRE's current and future success. The culture of innovation at MITRE results from highly capable individuals and creative collaboration. All major campus circulation routes intersect at MITRE Center, creating a new 'town square' to foster collaboration through both formal meeting spaces and serendipitous social interactions.

The new campus plan and the new MITRE Center building transformed MITRE's working environment. For the first time, interior and exterior circulation routes are organized and interwoven, the campus entry represents the caliber of the work of MI-

TRE; and common amenities are centrally located. The new campus plan and the MITRE Center building will support MITRE's corporate goals of collaboration, knowledge sharing, and bringing the entire company together in support of their clients.

Sustainable Design:

Consistent with a long-standing policy of serving the larger community, MITRE committed to an environmentally responsible project. MITRE Center was awarded LEED-NC Silver Certification by the U.S. Green Building Council. The building includes many green building features. The most noteworthy include:

- The 15.4 kilowatt MITRE Center solar entrance canopy and roof will generate over 25,600 kilowatt hours of clean electricity annually, and will also announce MITRE's commitment to sustainable design to all employees visitors as they arrive on campus. The solar cells laminated into the canopy glazing not only generate electricity, but also cast an animated pattern of sunlight and shadow on the paving below, combining a practical function with and green aesthetic while also increasing awareness of the dynamic natural environment.
- High-performance glazing, insulation, sun-shading devices, daylight harvesting, and building systems lower energy consumption by over 35%.
- Efficient plumbing fixtures reduce water consumption by over 30%.
- The MITRE Center is built with recycled, local construction materials. In addition, over 90% of the



construction and demolition debris were diverted from landfill disposal.

- Indoor air quality is enhanced with CO2 monitoring, low-emitting paints, carpets, adhesives and sealants, and a Green Housekeeping program.
- Interior workspaces are washed with sunlight and connected with views to the surrounding landscape.

Evidence of improved productivity in the new workplace:

Enhanced productivity at the MITRE results from collaboration. The 'program' of the MITRE Center was conceived as a space program plus an activities program. The goal was to identify spaces and activities that would maximize the number of face-to-face engagements between MITRE personnel, recognizing that some of these engagements are scheduled and some are random unplanned opportunities. This program was then translated into a building where MITRE staff can come together to share ideas, discover new concepts and demonstrate their work. The MITRE Center was awarded



MITRE Center Project Team

| | |
|-------------------------------|---|
| Architect | The Stubbins Associates |
| Developer | Spaulding & Slye, a member of Jones Lang LaSalle Group |
| Civil Engineer | Beals and Thomas, Inc. |
| Foodservice Consultant | Colburn & Guyette Consulting Partners, Inc. |
| Acoustical Consultants | Cavanaugh Tocci Associates, Inc. |
| MEP Engineer | AHA Consulting Engineers |

ARCHITECT

The Stubbins Associates is pleased to announce that MITRE Center has been awarded

CoreNet's 2006 Award of Excellence for Best New Workplace
and
LEED-NC Silver Certification from the US Green Building Council



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CIVIL ENGINEER

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Consultants Supporting the Development and Conservation of Land and Water Resources



After

Congratulations to the MITRE Corp.,

recipient of the "Best New Workplace Award" from CoreNet Global New England and a LEED Silver Certification from the U.S. Green Building Council

Beals and Thomas, Inc.

is proud to have provided the MITRE Center civil engineering, site planning, environmental permitting, land surveying, and assistance in sustainable design



Before

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