Underfloor Service Distribution

by Tate Access Floors

Draper Public Library
Draper, UT

Higher Education Project

20,000 gross sq ft
14,000 access floor sq ft

Products Used:
CC1250
Modular Wiring/Cabling
Underfloor Air Delivery
Modular Carpet

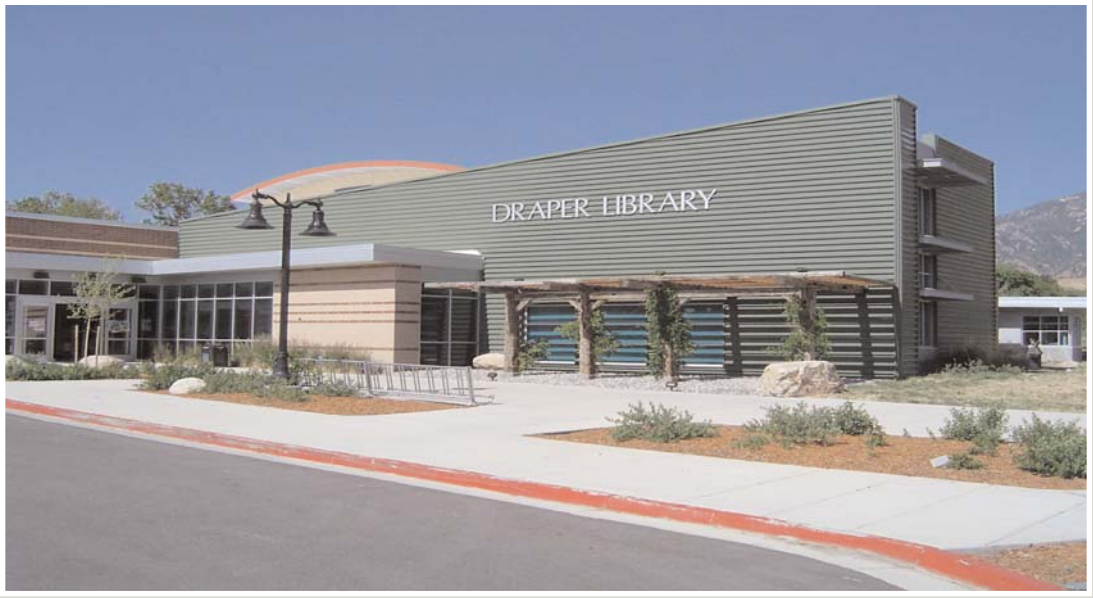
"The raised floor has been great when we have wanted to make changes in our computer configurations or HVAC system. The raised floor makes it so much easier to access these systems. A number of libraries in our system have not been able to make these types of changes because of slab concrete floors." Sara Weaver, Manager, Draper Library

Tate Authorized Dealer
Technical Building Systems
Salt Lake City, UT

Architectural Firm
MHTN Architects
Salt Lake City, UT

General Contractor
Layton Construction Co
Sandy, UT

Engineering Firm
Colvin Engineering Associates
Salt Lake City, UT



Subject

Draper Public Library

The Draper Library used to be downstairs in the former Draper City Complex, originally an old school. It grew from a reading room into a full-service library in 1997. Since that time, Draper's population has doubled and is expected to double again by 2020, stretching the Draper Library to its limits. While wanting to retain the feel of a "hometown" library, the design/build team of MHTN Architects and Layton Construction had high standards for sustainability, aiming toward a Silver LEED Certification. In order to accomplish this goal, Tate's dealer in Salt Lake City, Technical Building Systems, was recruited to provide an underfloor service distribution system for wiring, cable and air that would also garnish LEED points for recycled material.

A Tate access floor system and the advanced service distribution technologies it affords contributes toward achievement of numerous credits for LEED-NC certification, one of which is recycled content. The standard Tate floor system used in commercial buildings contains *32.8% recycled material consisting of 10.2% post-consumer and 22.6% pre-consumer content*. All floor systems manufactured by Tate Access Floors contain recycled content *in excess* of the 10% (post-consumer/ preconsumer) credit requirement. This, in combination with the recycled material used in the carpet, steel structure, roof deck, ceiling tile, metal wall studs, brick, metal wall panels, and aluminum window system of the Draper Library, has created a sustainable design that will qualify this remarkable building for LEED certification by the U.S. Green Building Association. The Draper Library can now look to the future in the knowledge that they have significantly contributed to the environment as well as to their community.

Tate®