

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

Central Park Public Library
Santa Clara, CA

HIGHER EDUCATION PROJECT

80,000 gross sq. ft.

PRODUCTS USED:

ConCore 1250
PVD Modular Wiring &
Underfloor Air System



Subject

CENTRAL PARK PUBLIC LIBRARY

“The Central Park Library will be one of the most innovative & technologically-advanced public libraries in California. It features a raised floor system throughout the entire building that provides a flexible approach to telecommunication and power systems as well as serving as part of an energy-efficient air distribution system.” (Group 4 Architecture, g4arch.com)

On April 19, 2004, the City of Santa Clara made history with the opening of the new Central Park Library, a “green” project. The 80,000 square foot, \$43 million facility will minimize negative environmental impacts— no easy feat in what will be the second largest public library in the South Bay, and the largest capital project in the City of Santa Clara’s history.

Sustainable design features of the new Library, which is expected to outperform the minimum requirements of California’s 2000 Title 24 energy code by more than 10%, include:

- ◆ A comprehensive daylight harvesting system with integrated photosensitive controls that continuously monitor interior light levels and automatically dim unneeded lights;
- ◆ The energy-efficient delivery of conditioned air at the user level via low-volume vents in a raised floor rather than via high-volume registers at the ceiling level;
- ◆ Recycled construction materials from the demolished former Central Library diverted from local landfills and used as “fill” beneath the new facility;
- ◆ The use of water-cooled chillers rather than less-efficient air-cooled units.

TATE AUTHORIZED DEALER

Pugliese Interiors
Hayward, CA

ARCHITECTURAL FIRM

Group 4
San Francisco, CA

GENERAL CONTRACTOR

SJ Amoroso
Gardena, CA

Tate[®]