

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

Byrne U.S. Courthouse
Philadelphia, PA

GOVERNMENT COURTHOUSE RENOVATION PROJECT

500,000 gross sq. ft.

PRODUCTS USED:
ConCore 1000
Underfloor air



Subject

BYRNE U.S. COURTHOUSE

Ewing Cole was selected by the General Services Administration to complete a major renovation of the Byrne US Courthouse and Green Federal Office Building Complex a two building complex covering two city blocks on the historic Independence Mall. The complex encompasses more than 500,000 sf and houses federal courts and a mix of other Federal Agencies. This project received the Hammer Award from the General Services Administration for extraordinary efforts in putting customers first, cutting red tape, and getting back to basics. Ewing Cole's field inspection staff also received a special recognition award for Outstanding Architecture and Engineering Field Support.

Project Highlights

- * Features programming and expansion of courtrooms, judges' chambers, libraries, grand jury rooms and support spaces.
- * Includes renovated administrative spaces for the two U.S. Senators from PA, the U.S. Marshal, IRS, State Department, and General Services Administration
- * Features the construction of a new classroom/training center to be linked via telecommunications with other offices of the courts.
- * Included energy analyses that resulted in installing Variable Frequency Drives (VDFs) on pumps in the chilled water system.
- * Featured Direct Digital Controls (DDC) used throughout facility for better control and energy efficiency.
- * Featured total replacement of the facilities' kitchen/cafeteria for general use and separate kitchen/dining facilities for the Courts.
- * Included common and economical finish and construction materials used in innovative ways to maintain budget and produce a customized appearance.
- * Featured the upgrade of primary and secondary electrical systems, including fire protection systems. Included major mechanical systems rehabilitation, including over 1,500 fan coil units and all single- and multi-zone air handling units.



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