

UNDERFLOOR SERVICE DISTRIBUTION

by Tate Access Floors

P&W Architects, LLP
Houston, TX

RENOVATION PROJECT

8,000 sq ft

PRODUCTS USED:

ConCore 1000
Posilock and Bolted Stringer
understructure
Underfloor PVD Modular Wiring
Underfloor Air System
Underfloor Voice & Data Cabling



Subject

P&W ARCHITECTS, LLP

When P&W Architects outgrew existing office space, they were faced with the challenge of transforming a warehouse type building into office space that reflected their client's studies on the dramatic impact of indoor air and environmental quality on organizations and their employees. The prime factors in planning the new P&W space: A sustainable approach that resulted in a more comfortable, healthier and productive workforce, and the environmental and energy-saving aspects of clean construction versus conventional methods. It was assumed that the long-term payoffs of the sustainable approach would far outweigh the slightly higher first costs of construction. However, as the pricing process began, so did the learning process. Leasing the floor system versus using P&W Architect's line of credit also resulted in significant cost benefits.

Utilizing Tate's BTP in conjunction with an underfloor air delivery system, P&W accomplished its original objectives of using renewable and reusable resources, and providing a healthy, productive environment adaptable to technology advances. HVAC, modular power, telephone, plumbing, and data are all supplied from 12" high raised access floor covering the entire space. Sustainable and recyclable materials are used throughout. The state-of-the-art underfloor HVAC system delivers 62 degree air directly to the occupants at the floor level, and stratifies in the high volume cooling only the occupied zone. The cabanas, open studios, and conference areas are visually defined using carpet tiles on the raised floor. According to Kevin Tenbrook, Principal of P&W Architects,

"Underfloor air offered us the best combination of efficiency, flexibility, cost, and most important - comfort. We are especially pleased with the level of individual control offered by the system that makes it easy to respond to different needs and provide the best environment possible for our staff." Kevin Tenbrook, Principal, P&W Architects

"Our unique ability to lease the entire BTP installation including Tate Access Floors, modular power, voice and data, and an under floor air distribution system allowed McCoy to deliver a total solution to P&W. By using our leasing option, P&W was able to avoid a large up-front cash outlay and preserve its capital for its core business." Larry Derrett, Times Financial, Houston, Texas

TATE AUTHORIZED DEALER

McCoy Workplace Solutions
Houston, TX

ARCHITECTURAL FIRM

P&W Architects, L.L.P.
Houston, TX

GENERAL CONTRACTOR

South Coast Construction
Houston, TX

ENGINEERING FIRM

E&C Engineers
Houston, TX

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