

The Walt Disney Family Museum

...In the Presidio of San Francisco

Located at 104 Montgomery Street, The Presidio of San Francisco, San Francisco, CA 94129

PROJECT TEAM

- Architect: Page + Turnbull
- Project Manager: D.R. Young and Associates
- MEP: WSP Flack + Kurtz
- Lighting Design: Fisher Marantz Stone
- Client: The Walt Disney Family Foundation
- General Contractor: Plant Construction
- Structural: Degenkolb Engineers
- Civil Engineer: BKF Engineers

BUILDING STATISTICS

- Dates of Construction: September 2007-October 2009
- Cost of Project: \$125, 000, 000
- Project Method: Design-Bid-Build
- Total building area: 70,500 sq. ft.
- Number of stories in the Museum: 3 total

ARCHITECTURE

- The WDFM consists of three buildings; a museum, library and central utility plant to house MEP systems
- Window sills, keystones, window frames, original brick, columns and wooden trusses were kept in tact
- A new roofing system replaced the original to preserve the galleries and exhibits within the buildings

STRUCTURAL SYSTEM

- An original wooden structure, walls were augmented with concrete and steel strengthening
- An atrium system was built as a glass facade for the courtyard
- A sub-basement was created by underpinning the original structural to create more space

MECHANICAL ELECTRICAL PLUMBING - BUILDING 108

- The Presidio Trust Utility supplies all electricity at 120/208V
- The mechanical systems consists of a variable air volume system with four air handling unit systems
- Building 108 houses three chillers, 2 primary chilled water pumps, 2 condensing water pumps and 2 hot water pumps
- Automatic control systems were implemented to condition gallery spaces to proper temperature and humidity controls



Alyse Sutara
Mechanical Option
The Pennsylvania State University