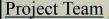
HILTON HOTEL AT BWI AIRPORT LINTHICUM HEIGHTS, MD





Owner - Buccini-Pollin

Architect - Br<mark>ennan</mark> Beer Gorman Monk

Structural Engineer – Holbert Apple Associates

MEP - R G Vander Weil Engineers

Geotechnical Engineer-ECS, Ltd.

General Contractor - HITT Contracting Inc.

General Project Data

Size - 203,300 SF

Number of Stories above Grade - 11-Story + Penthouse
Dates of Construction - April 25, 2005- September 21, 2006
Project Construction Cost - \$35 million
Project Delivery Method - Design-Bid-Build
Construction Method - Cast-in-Place Concrete Structure



<u>Architecture</u>

Façade - Tan Architectural Pre-cast Concrete Panels blended with Architectural Metal Panels and various glazing complimented with Metal Light Shades

- ► Grand Porte Coche Entrance
- ► Elaborate 16,000 SF Ballroom with an adjacent Assembly/ Pre-function room
- ► Hotel offers Dining at the Acqua restaurant

Structure

- ► Concrete Columns resist Gravity Loads which are transferred to Spread Footings
- ► Floors (1-3) 9" Mild-Reinforced Concrete Slabs with 9'x9'x4" Drop Panels
- ► Typical Floors (4-11) are 7-1/2" Thick Post-Tensioned Reinforced Concrete Slabs
- ► Concrete Shear walls resist Lateral loads that transfer load to Reinforced Concrete Mat Foundations





Mechanical

- ► 4 AHU supply 64,100 CFM throughout the building
- ► 2 Centrifugal Chillers each 180 Ton Capacity
- ▶ 1 Cooling Tower on Grade
- ► 2 Fossil Fuel Boilers each 4,185 MBH located on the Parking Level
- ► VAV with Local Water Reheat with Plenum Return
- ► 2- Plate and Frame Heat Exchangers 4000 & 7000 MBH

Electrical/Lighting

- ► Main Switch boards (2) 4000 AMP—277/400 Volt, 3-Phase, 4 Wire
- ► Primary Service 277/480V 3-Phase, 4-Wire
- ► Secondary Service 120/208V 3-Phase, 4-Wire
- ► Emergency Power 600KW Diesel Stand-by Generator
- ▶ Ballroom Lighting Mix of Fluorescent and Incadescent
- ► Guest Room Lighting Incadecesent Lighting

