

## General

- 11 story hotel with basement
- 151 rooms
- 600 ft<sup>2</sup> swimming pool area
- 650 ft<sup>2</sup> exercise room
- 128 feet to top of tower roof

## Construction

- Cast in place concrete floors and columns
- 10/20/06 Construction Start Date
- 3/1/08 Project Open date



## John Pillar

### Structural Option

### Hampton Inn & Suites National Harbor, MD

## Project Team

- Owner - OTO Development
- Architect - STV, Inc.
- Structural Engineer - Hope Furrer Associates
- MEP - Schlenger Pitz & Associates
- Civil - Loiderman Soltesz Associates

## Architectural

- Unique SlimWall curtain wall design
- Precast architectural panels
- 11th floor balcony
- Single ply TPO ballasted roof membrane

## Electrical

- 350 kVA emergency generator with 370 gallon sub-base tank

## Structural

- Reinforced 10-1/2" flat slab with 2-1/2" drop panels
- 12 shear walls for rigidity
- 24"x36" transfer girder over pool structure
- Spread footings located 14' below grade

## Mechanical

- Window/wall ratio of 0.34
- 120A, 9500 cfm, 6800 lb. rooftop heating/cooling unit concealed by mechanical screenwall