UPMC Hamot Womens Hospital 201 State Street Erie, PA 16550



Building Stats

Occupancy Type: **Building Size:** Number of Stories:

Construction Dates:

Healthcare/Hospital 163,616 sq. ft. 5 (Above Grade) / 7 (Total) January 2007-January 2011

Project Team

Owner:

UPMC Hamot

Architect:

Rectenwald Architects Inc.

GC/CM:

Perry Construction Group Structural Engineer:

Atlantic Engineering Services MEP Engineer:

CJL Engineering

Civil Engineer:

Urban Engineers Inc.

General

- *Originally Designed for 4 stories
- *Only 2 stories were built
- *Instead of adding 2 more stories the deicision was made to strip the building to the shell and build the 5 story building from the existing structure.

Architecture

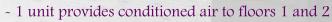
- *Designed to match the adjacent buildings on the **UPMC Hamot Campus**
- *Intended to make the patient feel like they are at home

Structural

- *N~S Direction
 - ~49' Braced Frame along N
- ~43' Moment Frame along B
- *E~W Direction
 - ~161' Moment Frame along 1
 - ~173' Moment Frame along 17

Mechanical

*3 AHU Units located in the Mechanical Penthouse



- ~ 1 unit provides conditioned air to floors 3 thru 5
- ~ 1 unit provides conditioned air to the OR Suite
- *All units equipped with a humidifier and a dehumidifier, along with a variable frequency drive

Lighting/Electrical

- 2000 KVA Transformer (3 phase, 3 wire)
- *6 distribution panels serving 75 electrical panels
- *The lighting design was intended to minimize direct light in the babies eyes at all times



Construction

*The construction of UPMC Hamot has a unique history, originally designed as a 4 story building, only 2 stories were built. Later the decision was made to strip those stories down to the shell and build 5 stories, reinforcing beams, columns and footings below (as needed).

*The fit-out phase of the project was conducted from the top floor down, to minimize disruption to the hospital.

