

UPMC Hamot Womens Hospital

201 State Street
Erie, PA 16550



Building Stats

Occupancy Type:	Healthcare/Hospital
Building Size:	163,616 sq. ft.
Number of Stories:	5 (Above Grade)/7(Total)
Construction Dates:	January 2007-January 2011

General

- *Originally Designed for 4 stories
- *Only 2 stories were built
- *Instead of adding 2 more stories the decision 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 1 and 2
 - 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 fan

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.



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.