

**KEY FACTS**

LOCATION:

Philadelphia, PA

SQUARE FEET:

1,000,000

COMPLETED:

2009/2010

SERVICES:

Structural Engineering

ARCHITECT:

Erdy McHenry Architecture  
Beyer Blinder & Bell

HIGHLIGHTS:

2009 Merit Award, Built Category,  
AIA Philadelphia



**PIAZZA COMPLEX**

This project consists of multiple residential, retail and office buildings located on the site of the former Schmidt's Brewery in the Northern Liberties section of Philadelphia. The 1 million square foot complex includes four(4) residential/retail buildings, an office building, retail shops, a large grocery store, and a parking garage. The buildings are situated around a 30,000 square foot Italian-style courtyard, "the Piazza."

The two six story residential/retail buildings are constructed of precast concrete plank on masonry bearing wall, supported by a lower level of cast in place columns and floor structure. The two seven story residential/retail buildings are separated by a steel connector bridge, connecting levels 2, 4, and 6 of these buildings. The seven story residential buildings are constructed using cast in place concrete flat slab floors and concrete columns.

To the northern end of the Piazza plaza, the two condominium buildings point to the elliptical floors of the seven story Rialto at the Piazza Office building. This building utilizes a two-way cast in place concrete floor system and concrete

columns, above a partial basement level. Cast in place concrete walls surround the stair tower and elevator shaft and provide lateral support for the structure. The building's exterior is an all glass intelligent skin that responds to its environment by developing a mosaic glass pattern based on views and solar orientation.

Also recently constructed, at 2nd and Girard, is a new 130,000 s.f cast in place, post-tensioned concrete parking structure which provides parking for the office building, new retail shops and supermarket at the site. The new retail facility is a 160,000 s.f steel framed structure with a second level that cantilevers twenty feet out over the Girard Avenue sidewalk.

FOR MORE INFORMATION,  
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