



**BARBER & HOFFMAN, INC.**  
Consulting Engineers

PROJECT

## Cuyahoga Community College Center for Innovation in the Arts



Cleveland, Ohio  
**\$20.0 M**



### PROJECT DESCRIPTION:

A three-story building on the Metro Campus with a performance space to accommodate 150 to 200 guests, theater, and dance studio space, and art gallery.

### ADDITIONAL PROJECT FACTS:

- 75,000 sq. ft.
- LEED-certified
- 20,000 sq. ft. will be allocated for the Rock and Roll Hall of Fame archive and library

A new 75,000-square-foot, three-story LEED-certified building housing the Center for Innovation in the Arts at the College's Metro Campus. 20,000 square feet of the addition will be allocated for the Rock and Roll Hall of Fame archive and library. The Center will feature a performance space that will accommodate 150 to 200 guests, a theatre and dance studio space, and an art gallery. The construction is expected to be completed in late 2008.

The building's first floor structural frame consisted of flat-slab construction supported on concrete columns and concrete basement walls. The flat-slab construction was selected as the optimum structural system to accommodate higher basement story and to meet sound insulation requirements. The building's foundation consisted of shallow column spread footings and wall strip footings. To maintain economy and to meet the project's budget, structural steel construction above the first floor was used. The second and third floor construction consisted of composite slabs supported on composite steel beams and steel columns. The building's facade consisted of curtain walls and brick veneer with masonry block walls backup for sound insulation. Due to the significant use of masonry block walls throughout the building, reinforced masonry shear walls were utilized as the primary lateral resisting system for wind and seismic loads.

