



The Barnes Foundation

PHILADELPHIA, PA.

► The Barnes Foundation promotes appreciation of the arts and horticultural science, through the preservation, presentation, and interpretation of the collections of Albert C. and Laura L. Barnes. With a growing desire to increase accessibility and educate the public about the arts, a new campus location began construction in the heart of downtown Philadelphia. One of the Foundation's goals was to replicate the galleries and ensembles of the existing Barnes Foundation historic home in Merion, Pa., the Merion Arboretum. In order to achieve this, Madison Concrete Construction worked in collaboration with the design team to construct a functional and accessible building to benefit Philadelphia's principal corridor of outstanding visual arts institutions.

Construction on the two-story facility began in the summer of 2011. The project required 7,500 cubic yards of concrete. Designed as an exposed, architectural concrete structure, the architect re-

quired specific forming materials and procedures such as double-lined HDO plywood forms, fiberglass wall ties, caulked formwork seams and steel crack-control devices in the walls. Intricate stair forming details, as well as varied finishes such as "bush-hammered" concrete and "terrazzo-ground" stair landings are also featured.

This 93,000-square-foot state-of-the-art facility will also include space for a special exhibitions gallery, art conservation, classrooms, an auditorium, as well as a retail space. Sitting on 4.5 acres, the landscaping will mimic horticultural aspects of the Merion Arboretum.

When complete, this complex will reinforce Dr. Barnes's ideals and goals and the Foundation's educational mission. Further, the extraordinary collection will now be visible to citizens and visitors from around the world. The Philadelphia, Pa. campus will be open to the public on May 19, 2012.

OWNER: The Barnes Foundation

GENERAL CONTRACTOR: L.F. Driscoll Co.

OTHER TEAM MEMBERS: JDM Concrete Supply, Bell Concrete Supply, ReSteel Supply, Bayshore Rebar, Onofrio Precast Services, PERI Formwork, AmQuip Cranes

ARCHITECT: Tod Williams and Billie Tsien Architects, LLP

COMPLETION DATE: Spring 2012

SERVICES PROVIDED:

- LEED/Sustainable Design Integration
- Cost Estimates
- Structural Concrete Frame construction
- Architectural/Exposed concrete