



Client

Public Building Commission of
the Chicago

Design Architect & Architect of Record

Basil W.C. Souder, AIA
Principal
Lohan Anderson, Inc.
312-229-6951

Subconsultants

- Delta Engineering Group, LLC
Civil Engineer
- Matrix Engineering Corp.
Structural Engineer
- Henneman Engineering Inc.
Mechanical Engineer
- CCJM Engineers, Ltd.
Electrical, Plumbing/FP
Engineer
- Bauer Latoza Studio Landscape
Architect
- HJKessler Associates, Inc.
LEED Consultant

Start Date: December 2007

Completion Date: On-Going

Total Project Fees: \$513,831

Delta Engineering Group, LLC
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Design Architect & Architect of Record for Chicago Public Library Branch Libraries *Services Provided: Civil Engineering and Sustainable Design*

The Public Building Commission of the City of Chicago selected Lohan Anderson to serve two roles: **Design Architect** and **Architect of Record** for Branch Library projects. Prototypical designs were developed with a clear emphasis on “smart building” concepts and environmentally-friendly criteria such as “green” roofs and solar panels. Erosion and Sedimentation Control Plans (ESCP) were designed to meet LEED Sustainable Sites Prerequisite 1 enabling projects to achieve LEED “Silver” Certification.

Delta Engineering was retained by Lohan Anderson to provide site civil engineering and utilities hookup design services for:

Edgewater Branch Library, 6000 N. Broadway - The prototype building design comprised of a two-story masonry structure on an approximately half-acre site — with parking lot and sidewalks total impervious area is 20,647 sq. ft. Site development included all code and ordinance required amenities, including, but not limited to the parking lot, sidewalks, and improvements to the adjacent public rights of way. These involved: 6” curb and gutter, 5” PCC sidewalks with 6” aggregate base, and permeable pavers on 1” gravel bedding over 12” permeable base for the parking lot. Utility connections included tapping an existing water main in the street, natural gas, telephone, electric, and sanitary sewer. ***The site’s imperviousness was reduced by 82% with the addition of a green roof, landscaped areas, and permeable parking lot. Along with underground storage the majority of site runoff infiltrates the ground to recharge the groundwater table.***

West Humboldt Library, 727 N. Halsted St. - The site is bounded by Kedzie Avenue to the East, up to a Public Alley to the West, private property to the South, and a public alley to the North. The prototype building design is comprised of a one-story, 14,100-square-foot steel frame and masonry structure with brick veneer. The site development included all code and ordinance required amenities, including, but not limited to, a parking lot and improvements to the adjacent public rights of way.

Greater Grand Crossing Library, 7300 S. Ellis Ave. – The site is bounded by Ellis Avenue to the West, up to a private property to the East, Chicago Avenue at the Southwest corner, 73rd Street to the South, and a public alley to the North. The prototype building design is comprised of a one-story, 7,200-square-foot steel frame and masonry structure with brick veneer. The site development will include all code and ordinance required amenities, including, but not limited to, a parking lot and improvements to the adjacent public rights of way.