

# Christ Hospital Medical Office Building Cincinnati, OH



| Project Stats        |                               |
|----------------------|-------------------------------|
| <b>Client:</b>       | Al. Neyer, Inc.               |
| <b>Location:</b>     | Cincinnati, OH                |
| <b>Year:</b>         | 2011                          |
| <b>Market:</b>       | <a href="#">Healthcare</a>    |
| <b>Project Size:</b> | 68000.00 sq ft - Building Pad |

## Services Provided:

### SURVEYING SERVICES

Construction Layout & Staking

### CIVIL ENGINEERING SERVICES

Erosion Control Planning,  
Permitting & Inspection  
Grading & Earthwork Analysis  
Post-Construction Storm  
Water Quality Best  
Management Practices  
Storm Water Collection  
System  
Storm Water Control  
Facilities  
Storm Water Pollution  
Prevention Plans  
Waste Water Collection  
System  
Waste Water Infrastructure

### TRANSPORTATION ENGINEERING SERVICES

Access Management Plans  
Intersection Design  
Roadway Design  
Signal Warrant Analysis  
Signing & Striping Plans  
Street Rehabilitation  
Traffic Counts  
Traffic Impact Studies  
Traffic Signal Design

### LANDSCAPE ARCHITECTURE & PLANNING SERVICES

Planting Plans  
Zoning consultation



The Christ Hospital Green Township campus features a medical office building with both surface and underground parking, as well as space for a future expansion. Due to significant elevation change across the site, a series of retaining walls provide buildable pads for the buildings.

Bayer Becker leveraged a holistic design approach to address the functional and aesthetic demands of the project. The landscape architecture and planning team collaborated with the civil engineering group to create a campus that addressed the significant elevation change. The site layout, grading, and planting plan were critical to creating a fully functioning campus.

The innovative detention design was a first for Hamilton County. To meet both the Ohio EPA's water quality standards and detention requirements, Stormtech shells were used for the detention basin. A fabric liner covers a section of the shell to filter storm water to meet water quality standards. In addition to the Stormtech solution, Bayer Becker provided design for a 1,815 linear foot sanitary sewer extension along Harrison Avenue that delivered service to the site. The transportation engineering team also provided design services including a new signal, turn lane and entrance along Harrison Avenue.

Bayer Beckerr's knowledge of the area and its topography was a tremendous asset to the success of this project. The knowledge of the local regulations and multi-discipline capabilities served as a solid foundation for a successful healthcare campus.