

Marjorie P. Lee Retirement Community Addition

Cincinnati, OH



Bayer Becker provided drainage design expertise and surveying for the Marjorie P. Lee Retirement community when their facility went through a recent expansion. A new section was added to the existing building and garden areas for the residents were updated in the back of the community. Conveying storm water from the upper portion of the site to the lower portion with the new building expansion cutting off the two drainage areas was a key concern. Drainage for the rear patio had to be taken under the building to a connection point.

A great deal of preliminary coordination with MSD took place on how to tie into a very shallow combined sewer for the storm and sanitary services. To help minimize costs and actual infrastructure, a combination sewer was designed to handle both storm water and wastewater flows. Bayer Becker's detailed design helped control costs by minimizing change orders and our design coordination with the project's other sub consultants ensured our designs would fit precisely with the new addition. The proposed alignment and connection of utilities further controlled costs by minimizing disturbance to Marjorie P. Lee's existing landscaping at the front of the addition.

Bayer Becker's relationship with the client was already strong, having delivered successful projects for them in the past. That relationship was strengthened by this project that was completed on time, within budget and will allow the residents to relax and enjoy themselves for years to come.



Project Stats	
Client:	Episcopal Retirement Homes
Location:	Cincinnati, OH
Year:	2008
Market:	Senior Living
Project Size:	4.00 Acres

Services Provided:

SURVEYING SERVICES

ALTA Surveys
Boundary Surveys
Construction Layout & Staking
Legal Descriptions
Location Surveys
Topographic Surveys

CIVIL ENGINEERING SERVICES

Erosion Control Planning, Permitting & Inspection
Grading & Earthwork Analysis
Hydrologic & Hydraulic Analysis
Storm Water Collection System
Storm Water Control Facilities
Street Reconstruction
Waste Water Collection System
Waste Water Infrastructure