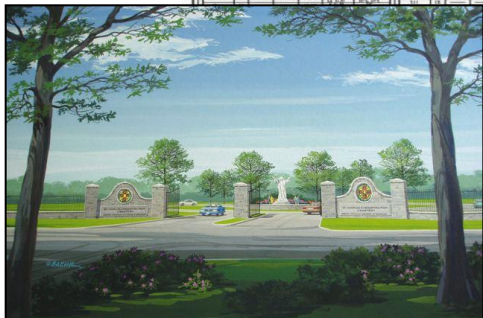
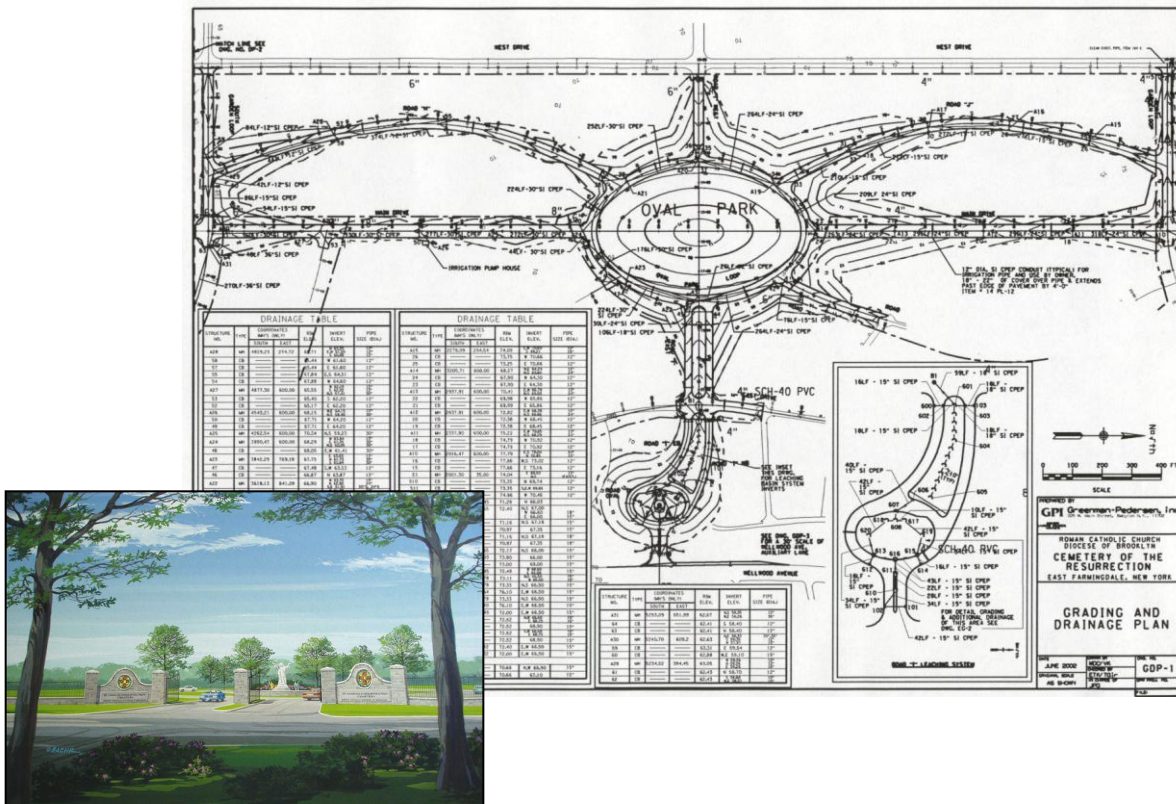


St. Charles Cemetery



Client: Catholic Cemeteries Diocese of Brooklyn
Project Location: Farmingdale, NY

GPI provided professional design and construction inspection and support services for this 80-acre expansion of an existing cemetery. The \$4.5-million project program included the development of a new entrance road and internal driveways, site stormwater drainage system, irrigation system supply well and electric service. GPI conducted survey verification of existing map information, provided design for the program elements and coordinated the bidding phase for the owner. The drainage design also required the analysis of an existing recharge basin to ensure the capacity was adequate to accept the flow from the new expansion.

Project permitting services were also provided for the irrigation well and for the new entrance that connects to a major county collector road. The design of the new main entrance included stone walls and iron gate entry threshold, signage, an elliptical entry garden with appropriate lighting and planting.

Subsequent to completion of this overall project, GPI worked as a subconsultant for the site planning and design of a new Administration Building. The building is a LEED-certified facility and, as such, the site design followed the LEED parameters. The storm water drainage system was designed to convey storm flow to areas designed as wet meadows or “Rain Gardens”, where native vegetation has been installed to aid in water quality improvement prior to recharge. These areas also receive roof drainage flow.