

Name of Project: **Arbor Hills Site Condominium**

Owners: Eastbrook Development Co.

Contact Person Names/Phones: Mr. Dale Kraker
(616) 988-1327

Location of Project: Grand Rapids Township, Kent County, Michigan

Date Started/Completed: 6/2001 - 9/2003

Project Cost: \$ 1,543,500
Engineering Cost: \$ 232,500

Project Team: David M. Groenleer, P.E., Senior Design Engineer
Zachary S. Voogt, P.E., Project Engineer
John E. Racek, P.E., Senior Project Engineer

Project Description: This project extends utilities to and through the first phase of a 175 unit site condominium development. The project also included the streets in the development. The project included 5161 feet of 16" and 8" watermain, 3358 feet of 8" sanitary sewer, 3165 feet of 10" directionally drilled forcemain, a 350 gpm sanitary lift station, 2210 feet of 18" to 12" storm sewer, a half mile of streets, and storm water retention. Moore & Bruggink developed the design concept, designed the site grading, streets, watermain, sanitary sewer, storm sewer, forcemain, and lift station, and



provided construction engineering and inspection for the project.