

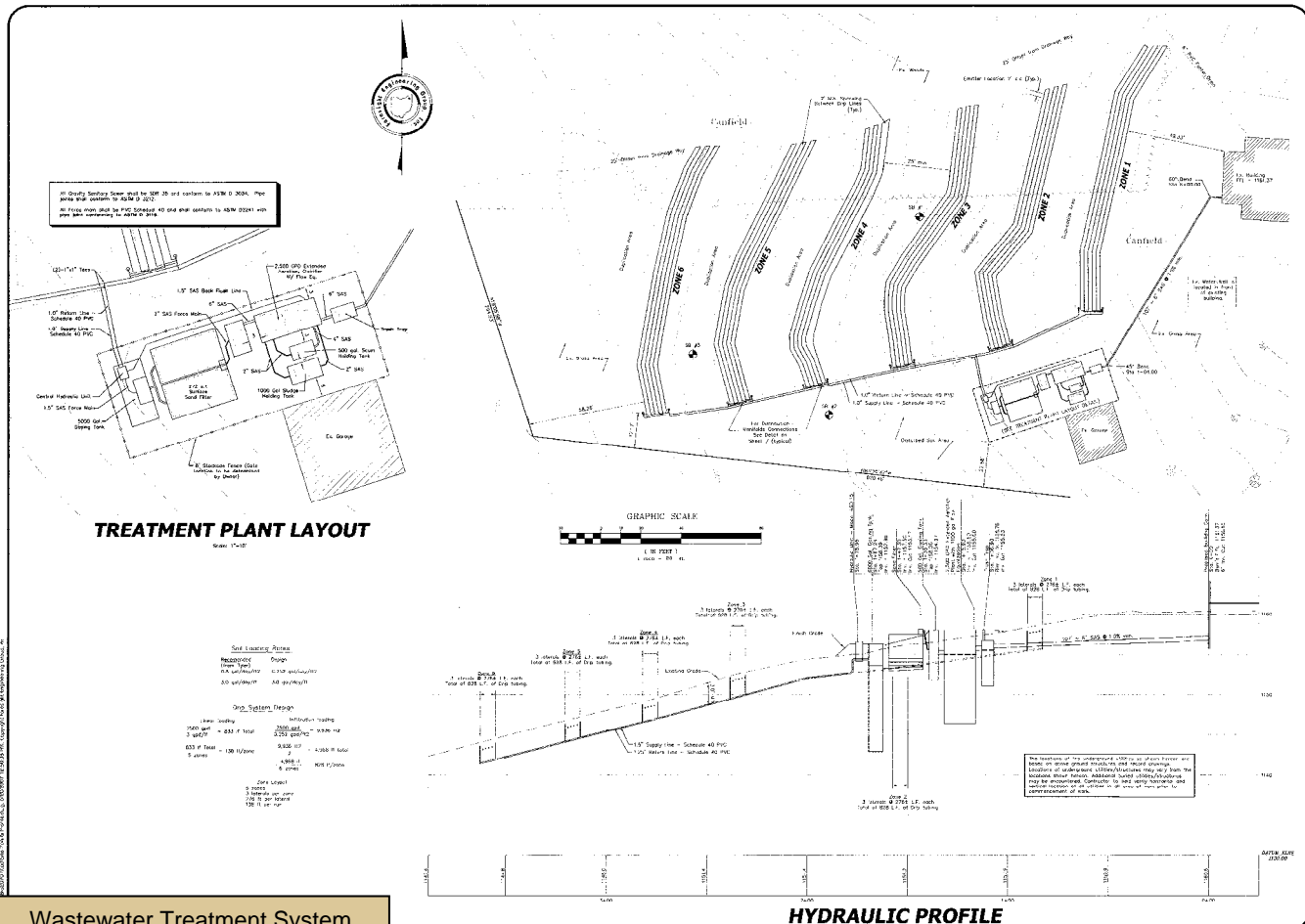
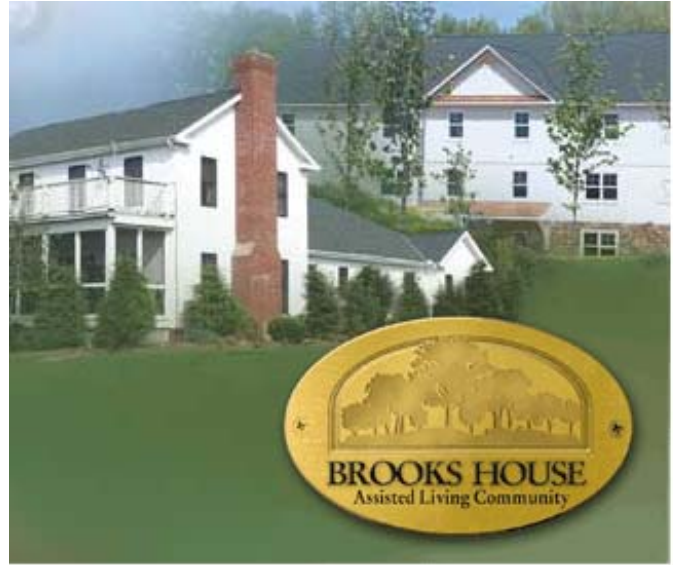
Brooks Assisted Living Home - Drip Distribution System Troy Township, Geauga County, Ohio

- On-site Wastewater Treatment System

Foresight Engineering Group, Inc. designed a drip distribution wastewater treatment system for an Assisted Living Community. The project included an on-site topographic survey and soils analysis for design. The wastewater system was designed to accommodate a total of twenty one resident rooms and eight employees.

The wastewater system was installed in Canfield soils, with a limiting factor of a high water table. The drip system featured six zones, with three laterals per zone. There were 276 linear feet per lateral and 138 linear feet per run. The total amount of drip tubing was 4968 linear feet.

The treatment plant contained a trash trap, 2,500 gallon per day extended aeration clarifier with flow equalizer, a 1,000 gallon sludge holding tank, surface sand filter, and a 5,000 gallon dosing tank.



Foresight Engineering Group, Inc.
Engineers & Surveyors

PROJECT:
GEOGA CONSOLIDATED PROPERTIES, LLC
THE BROOKS HOUSE PHASE 2
Troy Township, Geauga County - Ohio

SHEET NO.
3/5

Plan & Profile

Wastewater Treatment System
Plan and Profile Sheet