

BARNES ANGB, MA UTILITY SYSTEM DESCRIPTIONS

System Descriptions: Barnes Air National Guard Base (ANGB) is located 3 miles north of Westfield, MA. The following information provided is only an estimate and is subject to change.

Potable Water: Water service is provided to Barnes ANGB by the City of Westfield through two metering stations. The water distribution system includes approximately 2 miles of main distribution piping. The distribution piping consists of 6 and 8 inch DI and AC pipe, and includes about 40 fire hydrants.

Sanitary Sewer: Sanitary sewage system includes approximately 1-1/2 miles of sewer collection main piping that discharges at two points to the City of Westfield sewer system. The sewer collection system includes 3 lift stations and is PVC and VC pipe up to 10 inches in diameter.

Electrical: Electricity is provided to the site by Westfield Gas & Electric. The primary power enters the facility in the area of the guard house, through primary switching and feeds underground primary distribution circuits. There are approximately 20 pad mounted transformers attached to the underground primary distribution providing power to individual buildings. Street lighting is provided along the primary roads with pole lights.

Natural Gas: The natural gas service is provided to Barnes AFGB through a 4-inch main to the main base distribution system and a 2-inch service line to one other building on base. The total natural gas demand is approximately 15 million cubic feet annually. The natural gas distribution system consists of approximately 4,000 feet of 4-inch PE pipe and 3,400 feet of 2-inch PE pipe. The gas is used for heating purposes.

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