



Figure 2-2 Project Site and Site Layout

## 2.1 WTG Tower Specifications

The WTG tower models selected for installation in Jonesfield Township are the GE Energy 2.82-127 and the Vestas V136 3.6 MW. Tables 2-1 and 2-2 summarize the technical specifications of these WTG tower models.

Table 2-1 GE 2.82-127 Summary Specification

<b>Rated Power</b>	2,820 kW	<b>Rotor Orientation</b>	Upwind
<b>Hub Height</b>	290 ft	<b>Rotor Speed</b>	4.4 – 15.7 rpm
<b>Total Height</b>	499 ft	<b>Rated Wind Speed</b>	25 mph
<b>Number of Rotor Blades</b>	3	<b>Cut-in Wind Speed</b>	7 mph
<b>Rotor Diameter</b>	417 ft	<b>Cut-out Wind Speed</b>	67 mph
<b>Swept Area</b>	3.14 acres		