DesignbuildBLUFF is a development program wherein graduate architecture students apply custom design and construction skills to make homes for Navajo families in need. 39% of the reservation is under the poverty line and the region is ecologically vulnerable. I conducted a triangulated case study of DesignbuildBLUFF including qualitative and quantitative aspects of the program's function. This research helped create a whole-system framework plan for DesignBuildBLUFF's sustainable growth. This research was an active practice in case-studying a non-profit organization and planning for sustained improvement of the Navajo Nation. The assessment helped to inform the program of areas needing improvement as well as providing suggestions for best practices in education, environmental stewardship, and increasing capacity. The suggestion included a site map for the DesignBuildBLUFF campus with more educational and demonstrative living facilities. By creating this analysis and listening to the voices of all parties involved, the potential for social contribution by DesignbuildBLUFF could blossom. Streamlining the project and establishing a campus master plan will enable the project to better serve the Navajo community, the University, the surrounding neighborhood, and the regional ecology.

A DesignBuildBLUFF construction project for the chapter house being installed with electric

Overhead site map plan for DesignBuildBLUFF’s 2.2 acre campus with proposal for water management, residential, and public spaces.