

Site Amenities and Improvements

The site has one primary common area on the inside of the loop with multiple amenities present. With the intended users of seasonal employees and volunteers staying anywhere from a weekend to several months, users must have the amenities to not just stay, but be able to live on the site. The site was made to be ADA compliant so it is accessible to anyone, utilizing AB binder for the road, sidewalks, and all other amenities. This was done for a sturdy, compliant surface. Additionally, all walkways were designed for less than a 2% slope. Users are provided with 20 x 50 foot concrete pads with full utility hookups on the drivers side of the pads. Each spot has at least 20 feet of open space between it and the next pad. Sidewalks run from the passenger side of each parking spot, before running along the outside of the loop to two marked road crossings. These crossings connect to each other inside the common area and also provide access to the amenities present there.

Within the inside of the loop, users are provided a covered parking lot on the south side. This allows them to store extra vehicles like UTVs, extra personal vehicles, or just save space at their parking spur by parking their vehicle at the lot. Northeast of the parking lot is a recommended but not designed 50 x 20-foot building that would house a laundry room, along with bathrooms that include showers. It is also recommended within the NPS campground design guide that there are “showers, laundry, and other key features”. North of this are two movable square gazebo structures, each 12x8 feet and containing two eight-foot-long benches. These two gazebos also have some open space around them to be used as desired by the users or the client. Four animal/bear-proof trash cans will also be placed around the site to prevent littering on the national monument and keep animals from gaining interest in the site.

Being a green property, solar will be used as the shade structure for the parking lot, and placed on the roofs of the laundry/bathroom building, the gazebos, and the well house. This amount of solar results in a total output of 71.4kW, reducing electricity consumption of the site and saving monthly costs over time. To protect users of the site from the dust of those using the Pinery Canyon Rd while also providing a privacy screen, a tree line will be put in place along the road. 34 young Desert Willow Trees will be placed, with a max buffer space of 10 feet between the center of each. This allows 5 feet of space to grow on each side for each tree. Desert Willow Trees commonly grow to 20+ feet tall and 10+ feet wide. This will help to vegetate the site more, provide a good privacy screen, and provide protection from dust.

Special amber-hue low lighting has been used across site to preserve the night sky as advised in the campground design guide. For pathways, LUVU 17w PC Amber led bollard lights with louvers will be installed approximately every 10 feet. These are short

light poles used on sidewalks to light the path, but screen the light downward away from the sky. At the entrance of each gazebo, laundry room, bathrooms, and scattered around the parking lot will be HEZE 40w PC Amber led full cutoff wall pack. These provide stronger amber lighting in key areas, but still point the lighting downwards. They will be attached to walls of buildings or the solar structural poles in the parking lot. These lights can function without power access too, with the light poles having 147,000 hours of light, and the wall lights having 213,000 hours of light.