



Paving Consulting & Design Project

Manti Temple Greenhouse &
Main Approach

Religious Project



PROJECT DESCRIPTION:

- ◆ McNeil Engineering was tasked to design paving around the existing greenhouse building to improve access to the many landscaping elements that are required to maintain such a beautiful site. We visited the site and determined that we would perform a high-definition laser scan of the site and use the data to design an improved drainage system and retaining wall to expand the available access to the existing building. We also needed to install asphalt paving to replace the existing crushed and compacted gravel fill.
- ◆ Our design included removing the existing storm drainage that had been installed by maintenance workers on the site with new catch basins and PVC pipes buried at depth below the new paving. We expanded a materials staging area and increase the traffic lane to allow two vehicles at a time to access the loading area. Our design included the addition of a segmented (block) retaining wall to hold back a natural hillside and a garage building situated just up the hill. Working with the contractor, the temple engineer and the site maintenance staff, we were able to install a like-new paving surface to greatly enhance their ability to access new plants and landscape materials, and thereby improve their ability to keep this iconic building beautiful for years to come.
- ◆ McNeil Engineering also completed the design to the main approach and pavement around the temple.



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