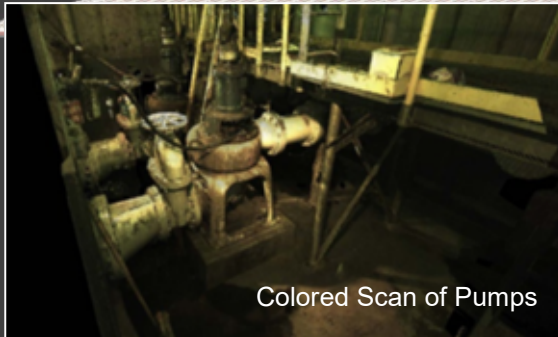
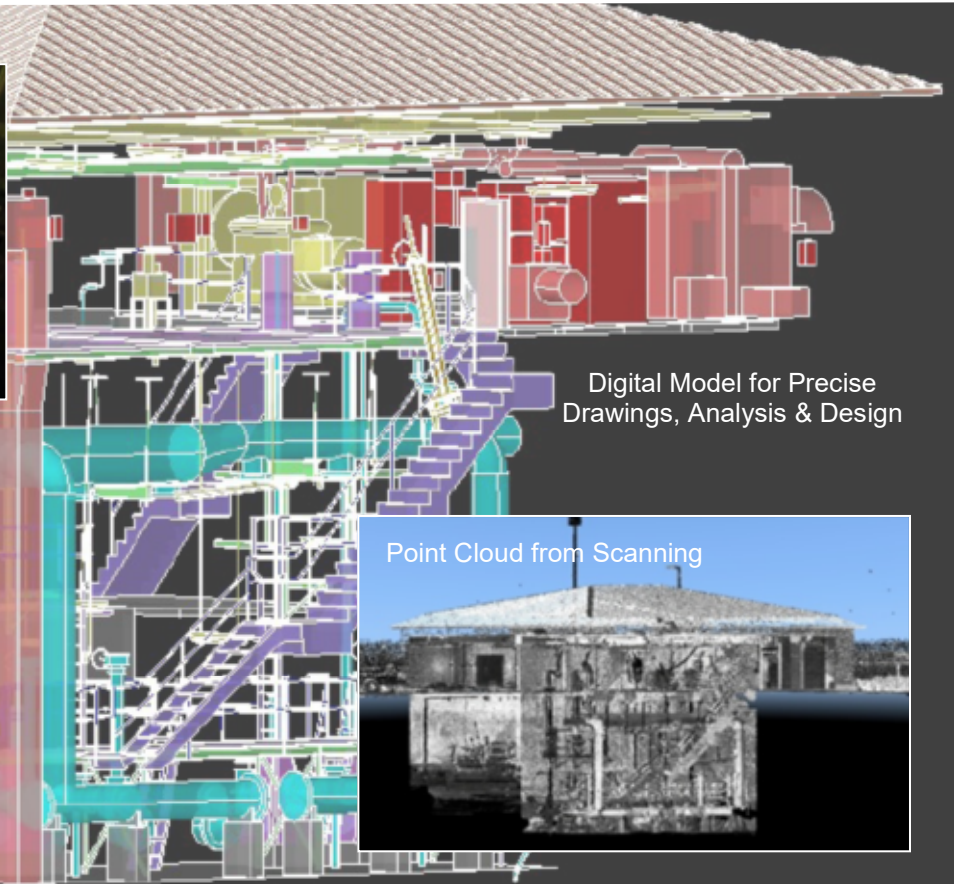




Laser Scanning & Survey Project



Colored Scan of Pumps



Digital Model for Precise Drawings, Analysis & Design



Point Cloud from Scanning

DECKER LAKE PUMP STATION RENOVATION

Industrial Project

PROJECT DESCRIPTION:

- ◆ McNeil Engineering aided the civil engineers with their design for the expansion of an existing pump station.
- ◆ The entire existing pump station was scanned and modeled by McNeil Engineering so that precise details could be taken from the model. The laser scanning was able to collect data that was unattainable using traditional methods.
- ◆ The model created gave the client the ability to overlay their design onto the existing building's elements so that clashing between new and existing could be determined. This eliminated the need send people into confined spaces for data gathering, therefore improving the safety of personnel.
- ◆ When the client requested additional information, McNeil Engineering was able to provide this without having to return to the site.



Michael D. Hoffman PLS
Email: mike@mcneileng.com
801-255-7700 x. 138

www.mcneilengineering.com