



FACILITY SURVEY

Hoag Hospital—Success Story

The facility survey project included verification of MEP support systems for a 14,000 square feet area of Hoag Hospital located in Newport Beach, CA. The main objective of the project was to provide the architects and engineers remodeling the Hoag Hospital, a clear picture of all existing MEP support systems located above ceiling, basement, and crawl spaces.

MENEMSHA'S SOLUTION

- Menemsha worked alongside the mechanical, electrical, and plumbing trades to develop an as-built drawing of the MEP support systems, mainly concentrating on the systems that needed to be maintained during construction such as major electrical runs, all ductwork, and medical gases within the survey area.
- Menemsha utilized their Laser2CAD technology to measure and document the existing conditions of the designated survey area.
- The 2D information gathered in the field was then used to create a 3D Revit model of the support systems to clearly show piping runs and any possible obstructions.

RESULTS

- Menemsha's 3D Revit model allowed the architect and engineers to clearly identify any possible piping obstructions and major structural barriers in their design.
- This allowed them to quickly make the necessary design changes to the drawings before construction which provided a savings in time and RFI costs.