

Case Study: Hoag Hospital
Division: Professional Services
Project Description: Facility Survey

Menemsha
LOS ANGELES | BOSTON



The Project:

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

Menemsha 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 laser 2 CAD 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.

Result:

- 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 also allowed them to quickly make the necessary design changes to the drawings, before construction which provided a savings in time and RFI costs.