

COMMUNITY HOSPITAL OF THE MONTEREY PENINSULA COOLING TOWER REPLACEMENT

Monterey, CA



PROJECT VALUE

\$1.7 million

TRADES

HVAC, Plumbing, Specialty Metals, Electrical

CLIENT

Community Hospital of the Monterey Peninsula (CHOMP)

CONTRACTOR

Mark III Construction

STRUCTURAL ENGINEER

Nichols, Melburg & Rossetto Architects + Engineers (NMR)

MECHANICAL ENGINEER

Turley & Associates

EQUIPMENT

BAC Series 1500 Cooling Towers provided by Air Treatment Corporation

COMPLETION

March 2021



PROJECT SCOPE

This project includes the demolition and retrofit of multiple cooling towers for the Community Hospital of the Monterey Peninsula (CHOMP), an OSHPD-1 facility. Mark III's scope includes the replacement of (4) rooftop cooling towers set on new spring isolation platforms, all associated piping, valves, controls and electrical in addition to the fabrication and installation of (4) structural catwalks for each new tower. The new BAC Series 1500 towers replaced the existing BAC Series V towers and had to meet certain height, weight, performance, and turnaround requirements. The Series 1500 was the best solution given the challenging project constraints.

Mark III's MEP manufacturing team fabricated the structural catwalks per plans before shipping to site for installation. These catwalks will offer maintenance accessibility to the new cooling towers.

PARTNERSHIP & COLLABORATION

Due to the unique requirements and demands of the hospital, the facility needed to remain open during construction. For that to be possible, the project was strategically scheduled during the cooler months because the cooling towers would need to be taken offline in phases, leaving the hospital running at 50% capacity. These towers are responsible for cooling the hospital, so it was imperative that the project be completed during the winter months when cooling demand is much lower.

In conjunction with the project's structural engineer, NMR, and mechanical engineer, Turley, Mark III worked strategically with equipment supplier Air Treatment Co. to ensure the towers were built, delivered, and safely installed to meet the owner's project requirements.



Learn more at mark-three.com and airtreatment.com