



Comar Rancho 2.0

Rancho Cucamonga, California

ELECTRICAL CONSTRUCTION CASE STUDY



Owner
COMAR

Contract Type
Electrical Construction

Contract Amount
\$7.3M

General Contractor
Whiting-Turner

Electrical Contractor
FSG Los Angeles

Architect
InterTech

Engineering Firm
Angstrom Technologies, HCS
Engineering, Justin W. Capp

FSG Provided Two Levels of Excellent Service to Pharmaceutical Products Manufacturer

Challenge

In 2020 COMAR decided to expand its west coast operations with a new, state-of-the-art manufacturing facility in Rancho Cucamonga, California. The 230,000 square-foot facility is focused on the manufacturing of medical devices and sub-assemblies, and employs advanced injection molding, blow molding, as well as high-speed assembly, testing, and packaging technologies. Within the larger building, 26,000 square feet of space is set up as an ISO and FDA approved cleanroom for the manufacturing of specialty materials and assemblies; a space requiring separate and more extensive construction specifications than those that will apply to the rest of the facility.

Solution

COMAR purchased an existing structure. Everything except the exterior walls of the building was removed, including the concrete slab. FSG supervised the routing of all new electrical service underground, through an extensive network of trenches and pipe runs beneath the facility. Throughout the project, FSG maintained strict Lock Out/Tag Out safety standards that apply when working on a construction site where existing power is present. For the modular cleanroom assembly areas, FSG ensured that the special design requirements were maintained.

