

Target Corporation Western Distribution Center, Fontana, CA *Fontana, CA*

Owner Target Corporation
Size 1,423,000 SF
Scope Architecture, Structural, Mechanical & Electrical Engineering

To support Target's retail store expansion on the West Coast, it needed a West Coast distribution center. The client's goal was to achieve economy of value.

Target chose to develop this facility in phases and selected LEO A DALY to provide architectural and engineering services. We designed an L-shaped footprint to allow future expansion without disrupting existing operations. The phase I scope included a 642,000-SF warehouse and 30,000-SF, two-story office.

The site selected was near three fault lines and a high wind corridor. Our engineers designed the structural systems to seismic zone four specifications, which allow the infrastructure and AS/RS to move during an earthquake, but still protect merchandise. Our design also included lightweight wall and roof materials to reduce seismic loads, wood roof structure and metal walls. The building was also designed with sufficient lateral protection to support high winds. Due to the facility's size, a series of exiting tunnels were incorporated into the design as a safety measure for employee egress.

The greatest testimonial to our work with Target is that we later expanded the facility to 1,423,000 SF in phase II and provided full design services for Target Distribution Centers in Maumelle, Arkansas, Pueblo, Colorado and Fridley, Minnesota.

