

## Recent Projects

### Rancho Los Amigos National Rehabilitation Center, South Campus Downey, CA

Rancho Los Amigos National Rehabilitation Center is internationally recognized for its excellence in rehabilitation medicine, consistently ranking among the leading rehabilitation hospitals according to the U.S. News and World Report. The campus dates back to 1888 when indigent patients from the Los Angeles County Hospital were relocated there. It is currently owned and operated by Los Angeles County.

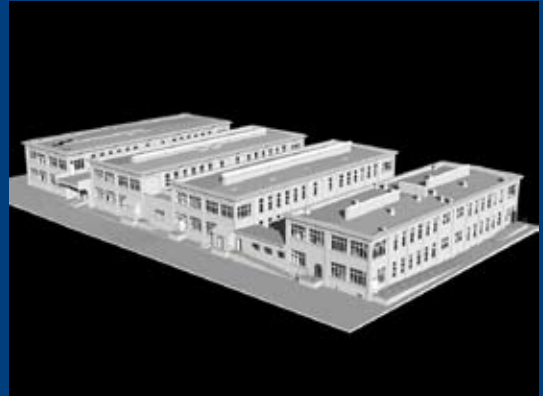
Mollenhauer was commissioned by Sapphos Environmental Inc, on behalf of the County of Los Angeles to perform full measured building surveys of over 40 structures on the Rancho Los Amigos South Campus. This survey was considered critical base-data for all sub-consultants contributing to the historic structures report of the entire site.

All buildings on the South Campus were in a very poor state of disrepair. A very stringent and methodical approach was needed to collect the data comprehensively yet effectively and with speed to adhere to the requested delivery schedules.

Mollenhauer deployed three teams of skilled surveyors utilizing the most up-to date instruments to record and data collect the existing layout and exact dimensional size of all buildings and components. An extremely tight program and delivery date was stipulated by the client asking for all buildings to be surveyed and final delivery to be completed within a 12 week period.

The buildings were of varying construction and design and this presented many obstacles relating to the data capture on site. A combination of 3D HDS laser scanning and traditional survey techniques were used to accurately and extensively control and collect all necessary information. Our 2D and 3D Cad operators developed and completed the floor and roof plans, building elevation drawings and 3D models from the survey information.

Client: Sapphos Environmental, Pasadena, CA



*Three Mollenhauer teams surveyed and modeled 40 buildings in 12 weeks.*

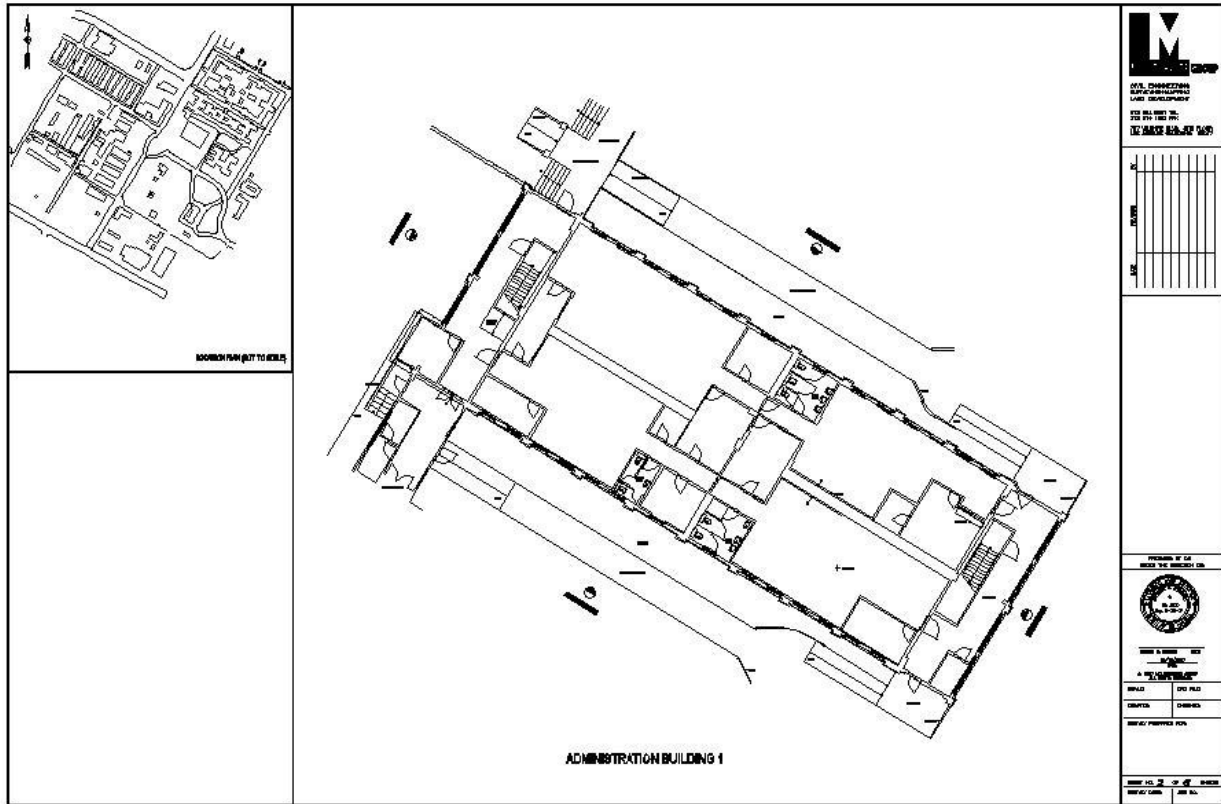


*A wide variety of building designs necessitated combining laser scanning with traditional surveying techniques and technologies*

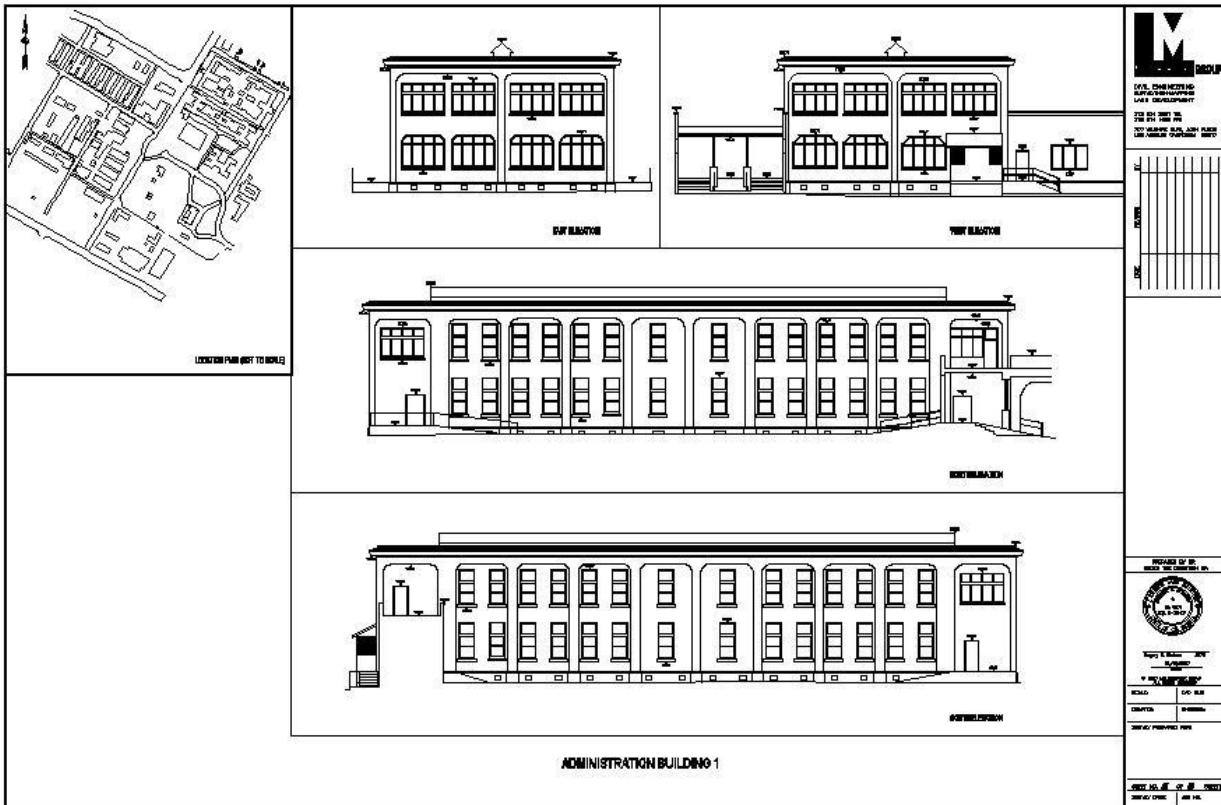


*All 40 buildings were geo-referenced to State Plane Coordinates*

# Rancho Los Amigos National Rehabilitation Center, South Campus



Ground Floor Plan



Building Elevations