



Lucent Technologies North Campus Westminster, Colorado

This Fortune 500 Company has a major research and development facility and manufacturing operation in the north Denver suburb of Westminster. An influx of new employees and transferees justified building a new building with offices, laboratories and manufacturing areas. To serve the growth, two parking structures were built, one on each end of the expansive high-tech building. In total, nearly 1,700 parking spaces were provided in the precast concrete garages.

To minimize structure height and preserve mountain views, the garages were designed with large foot-prints, four-bays wide. Side-by-side internal ramps were used to keep all exterior elevations horizontal with no sloping ramps visible. One garage has a 15'-4" high entry that takes vehicles below the grade level while they deliver goods to an internal loading dock. It also provides a route to a vehicle maintenance area and service offices. Covered walk-ways join each parking structure to the office building conveniently at the second level.



Photos by Paul Mack

Footprint	Spaces	SF/space	Superstructure
244' x 344' (2)	1670	318	Precast 4-Levels 4-Bays

"Swinerton Builders built three parking structures with Paul Mack leading the structural engineering and parking consulting effort. Two were for Lucent Technologies (920 and 750 spaces) and the third was for the Veterans Affairs Medical Facility (700 spaces). The VA garage was a design/build project. Through Paul's efforts, the projects were completed early and within budget. We have a good relationship with Paul and will continue to use him as a parking consultant whenever appropriate."

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Founder Paul Mack, P.E. had significant involvement in phases of this project while at another firm