

ALBUQUERQUE INTERNATIONAL AIRPORT PARKING STRUCTURE, NM

OWNER:

City of Albuquerque,
Aviation Dept.,
Albuquerque, N.M.

ARCHITECT:

BPLW Architects & Engineers
Albuquerque, N.M.

DESIGN CONSULTANT:

TRA Airport Consultants,
Seattle, Washington

STRUCTURAL ENGINEER:

Boyle Engineers
Albuquerque, N.M.

CONTRACTOR:

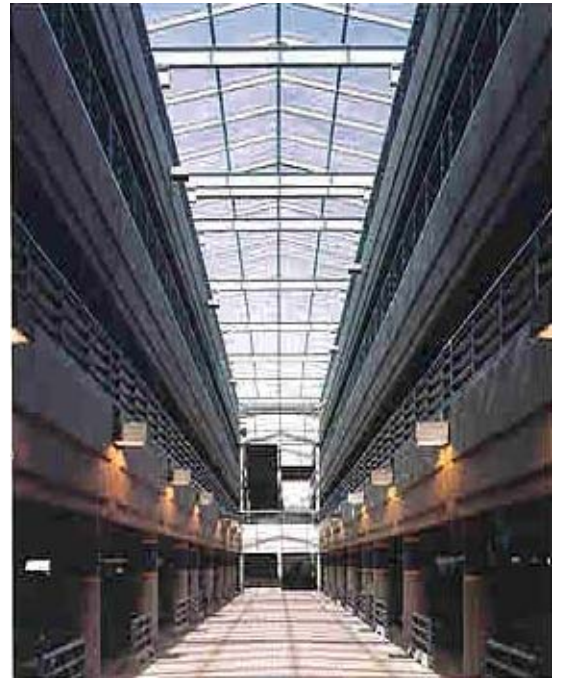
The Jaynes Corporation
Albuquerque, N.M.

This unusually inviting airport parking structure uses post-tensioned reinforced concrete slabs and beams.

The total of 1,247,573 square feet provides parking for 3,400 cars with easy access to the airport terminal through a direct tunnel connection. Designed to blend in with the other airport facilities, the garage was planned with two levels below grade to preserve views from the adjacent buildings.

Concrete was chosen for the long span (56') structural bays because, locally, it's more economical than steel. Post-tensioned reinforced concrete, while comparable in cost to precast concrete, offered advantages of fewer joints, cleaner joint treatment, and significantly fewer supporting elements. This enabled maximum visibility within the structure.

The improved interior visibility enhances the functionality of the atrium or "light well." This



brightens up all four parking levels, and helps direct travelers through the building.

