

Sheraton Gateway Hotel Planter Terrace Deck, San Francisco, CA



San Francisco Airport Sheraton Gateway Hotel.

Ben C. Gerwick, Inc. was retained to conduct an investigation to determine the cause of the structural failure of the 8 1/2" post tensioned concrete slab at the planter terrace of the Sheraton Gateway Hotel at the San Francisco Airport. The hotel was originally designed in 1981 and constructed in 1983.

The failures in the slab occurred at columns inside the planter area which is approximately 60 ft in diameter. At the time of failure the planter was filled with soil and landscaping, which was removed after the failure. Outside the planter area is the hotel drop-off point, turn around area and access to parking below the hotel and planter area.

Ben C. Gerwick, Inc. provided expert assistance to determine the cause of the failure.

Year of Completion: 2006
Construction Cost: \$360,000
Client: Liberty Mutual

Services Performed:

- Inspection
- Expert Assistance
- Structural Engineering