

# PROJECT PROFILE

**PROJECT:**  
Wasatch Building  
Salt Lake City

**OWNER:**  
Diamond Parking  
Salt Lake City

**ENGINEER:**  
CKR Engineers  
Orem, Utah

**COMPLETION DATE:**  
October, 2004

**Facility:**

The Wasatch Building is a masonry structure located in downtown Salt Lake.

**Problem:**

The masonry foundation on the north-side of the building had a below grade water intrusion problem.

**Solution:**

CRS excavated the problem area, cleaned the foundation, and installed a water-proof membrane over a newly constructed retaining wall. Additionally, CRS installed a drain pipe along the bottom of the foundation to connect to a new drain sump. The area was backfilled to match the original grade, and the asphalt parking and concrete stairs were replaced by others. CRS completed this project with minimal impact to the surrounding tenant and parking areas.

**TOP:** Exposed foundation. **CENTER:** New retaining wall. **BOTTOM:** Installing protection board on waterproofed wall.

