

Karrick Building Renovation

Salt Lake City, UT
Summer 2002
Geofoam Foundation
Stabilization
13,700 Cubic Feet

Application:

13,700 cubic feet of EPS Geofoam was installed to stabilize the foundation of the Karrick building in Salt Lake City, Utah.

Project Details:

Engineer:

AMEC Engineers

Architect:

Bill Gordan
MHTN Architects

Contractor:

Dathan Jacobzen
Oakland Construction

Summer 2000, engineers required a light weight fill material that would reduce the lateral pressures on the foundation wall of the Karrick building. Four layers of EPS 15 Geofoam was installed next to the existing stone foundation. Each layer of Geofoam was installed at a 1.5 to 1.0 slope up to 10 feet, 6 inches deep.

Conventional back fill would have caused significant structural damage to the historic building due to its weight. EPS Geofoam was used for its light weight and high compressive strength.

