

PROJECT DESCRIPTION

PROJECT:	Fred Meyer Shopping Center
LOCATION:	Highway 30, Scappoose, Oregon
OWNER:	Fred Meyer, Inc.
CONTRACTOR:	Clearwater Construction Company



DESCRIPTION:

- 1-Story with mezzanine
- Column loads between 100 to 200 kips (+/-)

The site is underlain by up to about 10' of relatively compressible alluvial soils mantling dense gravels. Initial plans were to overexcavate the entire site to a depth of 5' below footing grade and install structural fill. Spread footings would then be utilized. The Geopier® System were selected as an alternative, and resulted in the elimination of site overexcavation and a design bearing pressure of about 6000 psf for spread footings. The Rammed Aggregate Pier® (RAP) terminated at the surface of the gravel formation.

251 RAP elements up to about 10' in length were installed in less than two working weeks on-site.

REFERENCE:

Mr. Rick Jones
Kramer-Gehlen & Associates
(503) 289-2661