

**CITY & COUNTY OF DENVER
DEVELOPMENT SERVICES – KELLY LEID, DIRECTOR
BUILDING PERMIT POLICY**

Subject: RESIDENTIAL SOIL TESTS AND GEOTECHNICAL INVESTIGATION REPORTS

Approved: Michael Roach, P.E., Building Official

Number: IRC R401.4

Issued Date: AUG 17, 2012

Page: 1 of 1

Reference: IRC R401.4

Scope: This policy clarifies under what conditions soil tests and accompanying geotechnical investigation report are required as part of an application for construction permit.

Definition: Unless otherwise expressly stated, the following words and terms shall, for the purposes of this policy, have the meanings shown in this section.

DEEP FOUNDATION: A deep foundation is a foundation element that does not satisfy the definition of a *shallow foundation*.

GEOTECHNICAL INVESTIGATION REPORT: A report prepared by, or under the direct supervision of a registered professional engineer, with experience in geotechnical engineering. The report shall, document soil tests conducted and foundation recommendations for the proposed construction on a specific site.

SHALLOW FOUNDATION: A shallow foundation is an individual or strip footing, a mat foundation, a slab-on-grade foundation or a similar foundation element.

Policy:

Soil tests shall be conducted and a geotechnical investigation report submitted with construction documents for residential one- and two-unit dwellings and their accessory structures when a *deep foundation* system is used, or as required by the presence of unusual geotechnical conditions at the site.

END OF DOCUMENT