



Magnum Case History



Project Name: New Single Family Home

Magnum Installer: Custom Environments
Ft. Collins, CO

Job Location: Ft. Collins, CO

Project Type: Magnum Helix Foundations for
Structural Steel Floor

Project Description:

The site for the home is in a region of highly expansive soils in Colorado's Front Range. To protect the foundation from movements in the soil, engineers designed a structural steel floor supported by Magnum Helix Foundations. A total of 32 piers were installed to an average depth of 20 ft. while penetrating a layer of clay stone. A grade beam pier cap was used to tie into the structural steel. The installation of the Magnum Piers was successfully completed in three days and framing was started immediately.



