



Parker Adventist Hospital

9395 Crown Crest Boulevard
Parker, Colorado

GROUND Engineering provided geotechnical engineering for design of the Parker Adventist Hospital located at the Crown Point Development in Parker, Colorado. The project included a two to four story, 200+ bed hospital, approximately 400,000 square feet in size as well as a 180,000 square foot medical office building. Associated infrastructure, several acres of asphalt-paved parking, vehicle entrances, and retaining walls were also addressed.

Due to the expansive nature of the site earth materials, GROUND recommended that a drilled pier foundation system be used to support the structures. Due to floor tolerances required by hospital equipment, a structural floor system founded on piers and grade beams was also provided. Due to the scope of the project, GROUND was intimately involved with several aspects of the proposed construction throughout the entire design and review process.

GROUND also provided comprehensive materials testing services during construction of the project. These included soils, reinforcing steel, structural steel, concrete, masonry and asphalt. GROUND also provided and maintained a full-service, on-site mobile laboratory during construction.

GROUND
ENGINEERING CONSULTANTS