Project Name: **Academy for the Love of Learning**
Project Type: Ground Source Heat Exchanger Loop
Project Location: Santa Fe, New Mexico
Project Size: 39 Bore holes, 250 feet deep
Description: LEED project designed with water to water heat pump units. Hard rock formation resulted in shorter boreholes than normally utilized. With restricted land availability, high formation conductivity and heating dominated system, we were able to easily predict efficient borefield design configuration utilizing the **Ground Loop Design software.**

Project Name: **Heights Elementary School**
Project Type: Ground Source Heat Exchanger Loop
Project Location: Alamogordo, New Mexico
Project Size: 55 Bore holes, 300 feet deep
Description: HVAC retrofit project designed with individual classroom water to air heat pump units. Although the ground formation had low conductivity, with cooling dominated load requirement, we were able to minimize the bore holes required by analyzing various configurations including the spacing between utilizing the **Ground Loop Design software.**

Project Name: **Spanish Peaks Library**
Project Type: Ground Source Heat Exchanger Loop
Project Location: Walsenburg, Colorado
Project Size: 32 Bore holes, 300 feet deep
Description: Historic building restoration project, the HVAC system was designed with water to air heat pump units. Hard rock formation resulted in shorter boreholes than normally utilized. With restricted land availability, average formation conductivity and similar annual heating and cooling loads, we were able to easily predict efficient borefield design configuration utilizing the **Ground Loop Design software**.

Project Name: **Amy Biehl at Rancho Viejo Community School**
Project Type: Ground Source Heat Exchanger Loop
Project Location: Santa Fe, New Mexico
Project Size: 140 Bore holes, 3000 feet deep
Description: LEED project designed with individual classroom water to air heat pump units. Hard rock formation resulted in shorter boreholes than normally utilized. The effects of various HVAC system configurations and options on the bore field size were easily evaluated utilizing the **Ground Loop Design software.**