

## GeoEngineer's Project for NP Foundation full of challenges

Written by Randy Post

Tuesday, 24 January 2012 15:55 -

---



Seattle area geotechnical engineers with GeoEngineers had their hands full with a challenging project for the Seattle campus of a private family's foundation that funds health and development programs around the world. The final facility consisted of a parking garage and three 6-story office buildings. Other project components included a 1 million gallon rainwater storage tank, and a 70-foot deep by 50-foot diameter cylindrical underground thermal energy storage tank for the cooling system. And in addition to challenging ground and groundwater conditions, there was a 6 foot diameter, 100-year old brick sewer line just below the basement level that could not be disturbed. The project was awarded LEED®-NC (Leadership in Energy and Environmental Design for New Construction) Platinum certification from the United States Green Building Council, and is the largest, non-profit LEED®-NC Platinum building in the world. [Source: [GeoEngineers](#) . Image: [GeoEngineers](#) ]