



# DRILLED MICROPILES - TEST PILE PROGRAM

*(LIMITED ACCESS / PARTIALLY CASED / THREADBAR)*

## LOS ANGELES, CA

October 2017 - February 2018

Located a short distance from the LaBrea tar pits, this limited access site presented a host of challenges both above and below grade. As part of a seismic retrofit, micropiles were specified to bolster the existing foundations of an 11-story office building as it transforms into a luxury hotel just east of the Beverly Hills - Los Angeles border. An extensive test pile program required piles to be drilled from different elevations in order to best duplicate the in-situ conditions of the production piles. In order to optimize pile capacity, post grouting techniques were utilized with good results. Local requirements also called for two piles to be exhumed for a thorough visual inspection.

Although CDC's involvement was mostly limited to the test pile program, there were many opportunities to assist, including activities such as:

- Equipment and drill tool selection / procurement
- Strategic planning
- Site supervision and troubleshooting
- Drill rig operation / onsite training

