



ATLAS PIERS
OF ATLANTA, INC.



Korean Atlantian Fusion

Language Barrier Conquered For Successful Foundation Restoration

Ellabell, Georgia

COMMERCIAL PROJECT OF THE YEAR FINALIST

In January 2025, Hyundai Motor Group (HMG) approached Atlas Piers of Atlanta for a proposal to install an underpinning and temporary earth retention system for the HMG Metaplant America, Hyundai's new \$7.6 billion electric vehicle production site in Ellabell, Bryan County, Georgia. The system is necessary to facilitate the construction of two hazardous material containment pits, which were designed to be directly adjacent to existing structures.



Within five days, Atlas developed a concept utilizing ECP resistance piers and underpinning assemblies with integrated tieback anchors. The system was designed to support the existing building foundations, allowing for the earth retention embankment to be secured in two sequential 5-foot deep soil cuts using a grid of ECP soil screws, faced with a semi-rigid temporary facing consisting of a Tera-Flex brand 8-oz needle-punched geogrid fabric and w2.9 4-inch welded wire fabric.

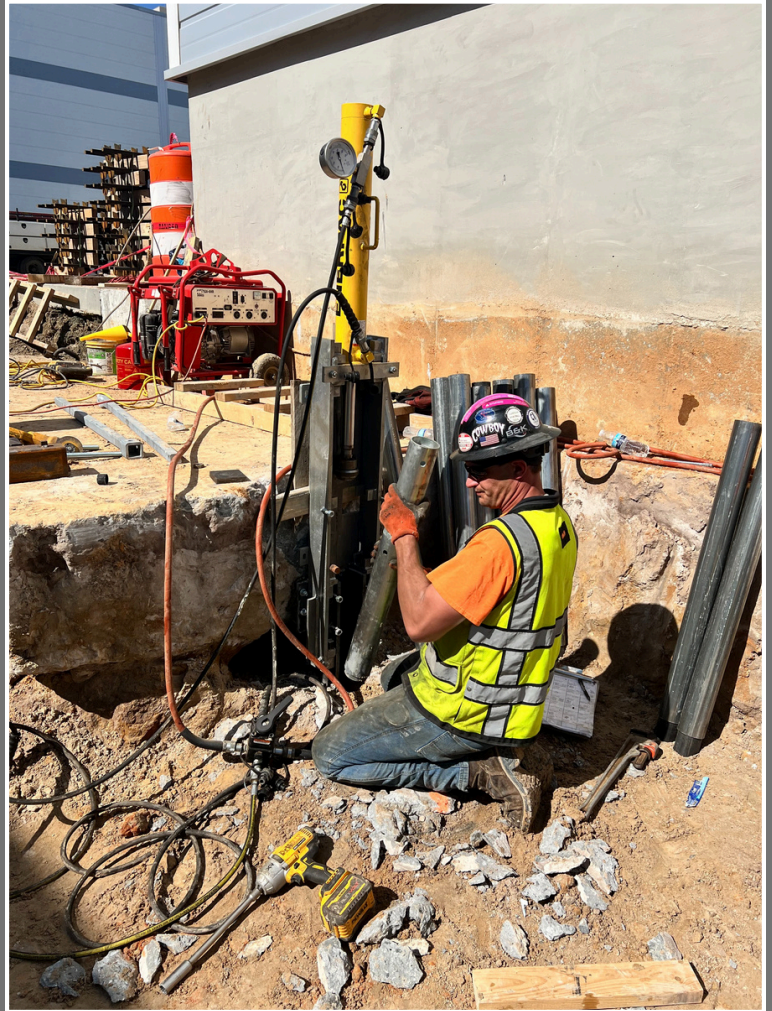
After a series of discussions with the owner in Korea, their concept and proposal were accepted. A contract was issued stating they could commence work in three weeks. The formal design was completed by Mr. Bob Turton, P.E. of Oakhurst Geotechnical Services. ECP then shipped the product directly to the job site. The Atlas team of 10 men successfully completed the entire project in just 16 working days, ahead of schedule.



One of the most significant challenges the Atlas team faced was the language barrier between the primarily English speaking team and their Korean counterparts. Meetings were held daily utilizing a professional interpreter and virtual reality headsets connecting the owners in the Seocho District, Seoul, South Korea to the men in Ellebell, Georgia. They then used Google Translate to assist with communications in the field.



Multiple crews were mobilized to improve the schedule. Crews were set up at each of the two areas working simultaneously. Late shifts and Saturdays were also encouraged; crews that volunteered to work on Saturdays were rewarded with significant bonuses.



Atlas Piers of Atlanta installers: Chad Costello, Hollis Myers, Gavin Sarver, Carlos Ramirez, Sachel Vance, Demond Wallace, Alex Martinez, Noah Farris, Honorio Ramirez & Ben "Diesel" Christy.



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