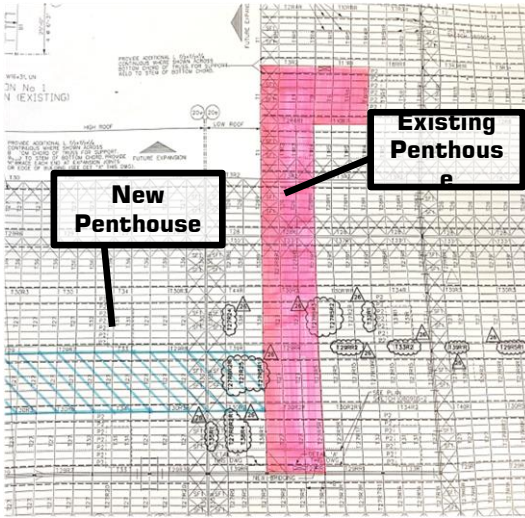


BMW Manufacturing Floor Rehab

Greer, SC



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Existing facility was being expanded horizontally and vertically. New penthouse would load existing columns/footings beyond the original design. 	<ul style="list-style-type: none"> Utilize the URETEK Deep Injection process to increase the bearing capacity of the existing support soils. Increase bearing pressures of soils to accommodate higher moments at bottoms of columns due to lateral loads. 	<ul style="list-style-type: none"> Designed injection plan to provide the specified bearing capacity required for the new loading conditions. Coordinate logistics to allow work to proceed while plant was operating. 	<ul style="list-style-type: none"> Minimal disruption: Work completed while plant was in full operation with no downtime. Bearing capacities in some locations were increased to well over 8,000psf, greatly exceeding specifications.