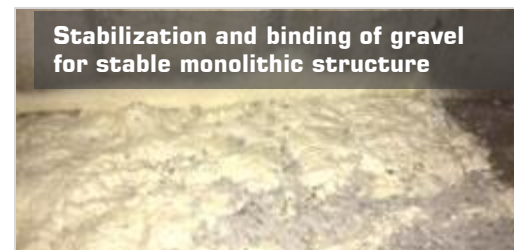
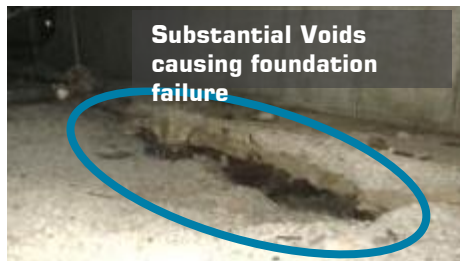


High Rise Foundation Soil Void Fill

Bronx, NY



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> • There were several voids in a 40" crawl space under foundation walls of a high rise apartment building. • Building was fully occupied, limited crawl space access and confined work area made for a challenging installation. • Engineers specified a low density grout void fill solution. 	<ul style="list-style-type: none"> • Voids were filled with an aggregate mix of pea gravel and a lightweight, structural-grade geo-polymer via the URETEK Deep Injection method. • Crew maneuvered hundreds of lbs. of gravel into the voids and then injected URETEK 486 STAR through a 250" hose into the gravel. 	<ul style="list-style-type: none"> • GWS was involved with the pre-construction design process to develop injection plans, specs, and estimates • Building Superintendent verified all gravel placement into voids and injection applications. • Special PPE used for confined space and limited visibility. 	<ul style="list-style-type: none"> • Minimal intrusion: Work performed in one day as requested by the Owner. No equipment shutdowns necessary. • All voids were filled using an aggregate of pea gravel and URETEK 486 STAR to create a low density grout mix.