



1960 Benedict Ave **Bronx Charter School**

This project entailed construction of a new gymnasium on an adjacent lot to the existing school building. The site was characterized with steeply sloping rock, requiring a combined foundation system consisting of shallow footings bearing on rock and deep caissons. Underpinning of the existing school building was required to allow excavation for the new foundation elements.

Services provided

- Geotechnical Subsurface soil investigation with report.
- Design and Inspection of Support of Excavation
- Design and Inspection of Caissons
- Design and Inspection of Underpinning



Shallow Foundation on Bedrock



Partial Backfill Outside Foundation Wall



Drilled Soldier Piles at Property Line