



62nd St and Amsterdam Ave

Development consisted of a 55-story building with two cellar levels below street grade with a base footprint area of about 10,000 square feet. The site was characterized with shallow sloping bedrock. Excavation required as much as 25 feet of rock excavation and underpinning of neighboring foundations along the eastern property line. Concrete pier and timber lagging was designed and installed along the north, south and west property lines.

Services provided

- Geotechnical Subsurface Investigation with Report
- Design and Inspection of Concrete Pier and Timber Lagging Walls
- Design and Inspection of Conventional Underpinning
- Evaluation and Stabilization of Rock Cuts
- Design and Inspection of Tiedown Anchors
- Design and Inspection of Sub-slab Drainage System
- Evaluation of Subgrade for Crane Pad
- Subgrade Inspection for Footings



Evaluation of Rock Cut



Tiedown Anchor Inspection



Line Drilling and Rock Removal



Footing Inspection



Tiedown Anchor Testing



Nearly Complete Foundation