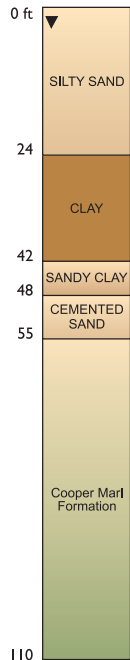


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Cumberland Street Parking Garage, Charleston, South Carolina



When careful planning and implementation were needed on this project, Case Atlantic delivered by providing straight and belled shafts to sustain a new parking deck constructed directly adjacent to the Powder Magazine (circa 1719), the oldest building in Charleston, SC. The close proximity (100 ft) of this and other historic structures required monitoring for vibrations which were kept at acceptable levels, ensuring structural integrity.

Client	J.A. Jones, City of Charleston
Challenge	Adjacent sensitive structures
Scope	20 x 30", 3 x 36", 4 x 42", 14 x 48", up to 110 ft
Access	Adjacent to historic structures
Schedule	Completed within 2-month production schedule
Method	Temporary casing, dry method
Testing	Vibration monitoring