

Discovering G&O's Archaeology Services



GREENHORNE & O'MARA
CONSULTING ENGINEERS

Inspired Solutions, Improving Lives

Archaeology Services

The Greenhorne & O'Mara (G&O) archaeology team can provide all your archaeological needs, including due diligence, site inventory (Phase I), National Register of Historic Places (NRHP) evaluation (Phase II), and mitigation (Phase III) services. G&O also provides ancillary services such as public involvement, historic context documentation, planning, and artifact analysis. Our success is centered on:

- Communication with our clients
- Expert knowledge of federal, state, and local regulations
- Accurate assessment of the project area
- Positive working relationships with review agencies

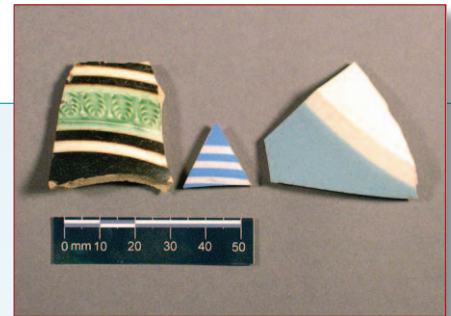
Our Measure of Success

At G&O our success is measured by our client's satisfaction. We enable our client's project to proceed, while fulfilling all regulatory requirements.

The G&O Approach:

- Effective communication with clients, planners, and regulators
- Early identification of constraints
- Field documentation that meets regulatory expectations without rework
- Innovative solutions to constraints
- Close interaction with planners to provide our clients with cost-effective options

We have used this approach on numerous successful projects, including assisting Mid-Atlantic Companies of Rockville, MD in meeting county, state, and federal requirements for a 500-acre residential development in southern Prince George's County, MD. G&O conducted a Phase I site survey resulting in the location of the remains of the early 18th century Richard Marbury residence. During Phase II investigations, seven features, including a portion of the Marbury residence, trash pits, and storage pits, as well as numerous artifacts



dating to the early to mid-18th century, were unearthed. The site was considered historically significant by Prince George's County and large-scale excavations were conducted. Excavations uncovered 27 features, including the Marbury residence, a slave cabin, a detached kitchen, and storage and trash pits. Artifacts and archival research dated the site between ca. 1715 and 1750.

Our approach enabled the planning and development of the residential complex to proceed while excavation, analysis, and report writing continued. We unearthed a complete plan of an early 18th century plantation and identified an 18th century slave cabin and associated ancestor shrine, the only such shrine identified to date in Prince George's County. This discovery contributed to a better understanding of the daily life of 18th century residents of Prince George's County, including the enslaved African-American workforce.

Due Diligence Assessments

Due diligence assessments, or Phase IA studies, identify the constraints that cultural resources could have on your project. Typical assessments include reviews of:

- State and local government site and project files
- Historic maps, aerial photographs, and soil maps
- Local historic contexts and models of site location
- Documentary and archival research
- Identification of applicable cultural resource regulations



Phase I Surveys

G&O's experience ensures that your archaeological survey will meet the "good faith" standard required by review agencies. Our Phase I surveys determine whether archaeological sites are present, their size, location, period of occupation, and nature.

G&O conducts archaeological surveys for parcels as small as 1 acre to many thousands of acres. Our services can include:

- State Historic Preservation Office (SHPO) consultation
- Chain-of-Title research
- Metal detection surveys
- Systematic surface or subsurface archaeological site survey

Phase II Site Evaluations

G&O has the expertise to investigate whether your Native American or settlement sites are historically significant. Our Phase II services include:

- Work plan preparation
- Shovel test and controlled surface collection
- Test unit excavation
- Machine-aided excavations
- Site mapping
- Artifact and specialized analyses
- Memorandum of Agreement (MOA) assistance



Phase III Site Mitigation

G&O archaeologists have conducted Phase III excavations at sites ranging from prehistoric Native American villages to 18th century plantations. Our Phase III services include:

- Data recovery plans
- Shovel test and controlled surface collection
- Large-scale feature excavations
- Site mapping
- Public participation and signage design
- Artifact conservation and curation assistance

What our clients are saying...

"Thank you again for your assistance with this matter. I very much appreciate all your efforts these past few months. Should additional work at other sites arise, I will be sure to give you a call. Your guys did a great and very professional job."

Steve Baker, Project Manager
BMT Designers & Planners

"This is an extremely well-written, well-illustrated, thorough report. It was a pleasure to read and provides a raft of information on tenant farms for a period and location that had been the subject of little research. Your use of agricultural schedule data is especially noteworthy. Thank you for your attention to detail."

Ruth Troccoli, Ph.D., Archaeologist
State Historic Preservation Office

Project Highlights:

St. Elizabeths Environmental and Engineering Studies | Washington, D.C. G&O has provided archeological management services and Phase I, Phase II, and Phase III archaeological investigations in support of the redevelopment of St. Elizabeths Hospital. To identify, evaluate, and recover remains from almost 10,000 years of occupation, G&O has conducted a wide range of intensive consultation with stakeholders, project managers, and on-the-ground construction contractors guided by Programmatic and specific MOAs. G&O's work has resulted in the identification or NRHP evaluation of six Native American sites, four non-hospital domestic and industrial sites, and five hospital-related sites. Recent excavations have located one of perhaps many brick kilns used to construct the original St. Elizabeths buildings.



Litton Property Archaeological Investigations | Prince George's County, Maryland. G&O assisted the University of Maryland in meeting state and county historic preservation regulations and conducted a Phase II NRHP evaluation of a 5,000-year old Native American site, which was first documented in 2004. The evaluation of the site involved background research on various aspects of Native American settlement in Prince George's County, the excavation of 672 shovel tests and 15 1-x-1-m test units, and the analysis of more than 5,400 artifacts. Excavations resulted in the identification of intact subsurface deposits and three Native American features in the eastern portion of the site: one hearth and two pit features. The artifacts consist of stone tool-making debris, cores, and tools such as projectile point and knives.



G&O Clients

- Armed Forces Retirement Home
- DC Water and Sewer Authority
- Mid-Atlantic Companies
- Corporate Office Properties Trust (COPT)
- Fairfax County Department of Housing and Community Development
- Pennsylvania Department of Transportation
- DC Department of Parks and Recreation
- K. Hovnanian Homes
- Toll Brothers, Inc.
- District Department of the Environment
- Maryland-National Capital Park and Planning Commission
- University of Maryland
- District Department of Transportation
- Maryland State Highway Administration
- U.S. Department of Agriculture
- U.S. General Services Administration
- U.S. National Park Service



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