



# Judicial Center Expansion Cultural Resource Investigation

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Department of Facilities and Fleet Management  
Department of Transportation and Capital Construction  
October 2026

## Magnetometer Survey:

- ☐ A change in tone indicates ferromagnetic objects
  - Detects metal objects containing iron or having similar physical properties
  - Does not detect copper, lead, glass, or bone

## Magnetometer Results:

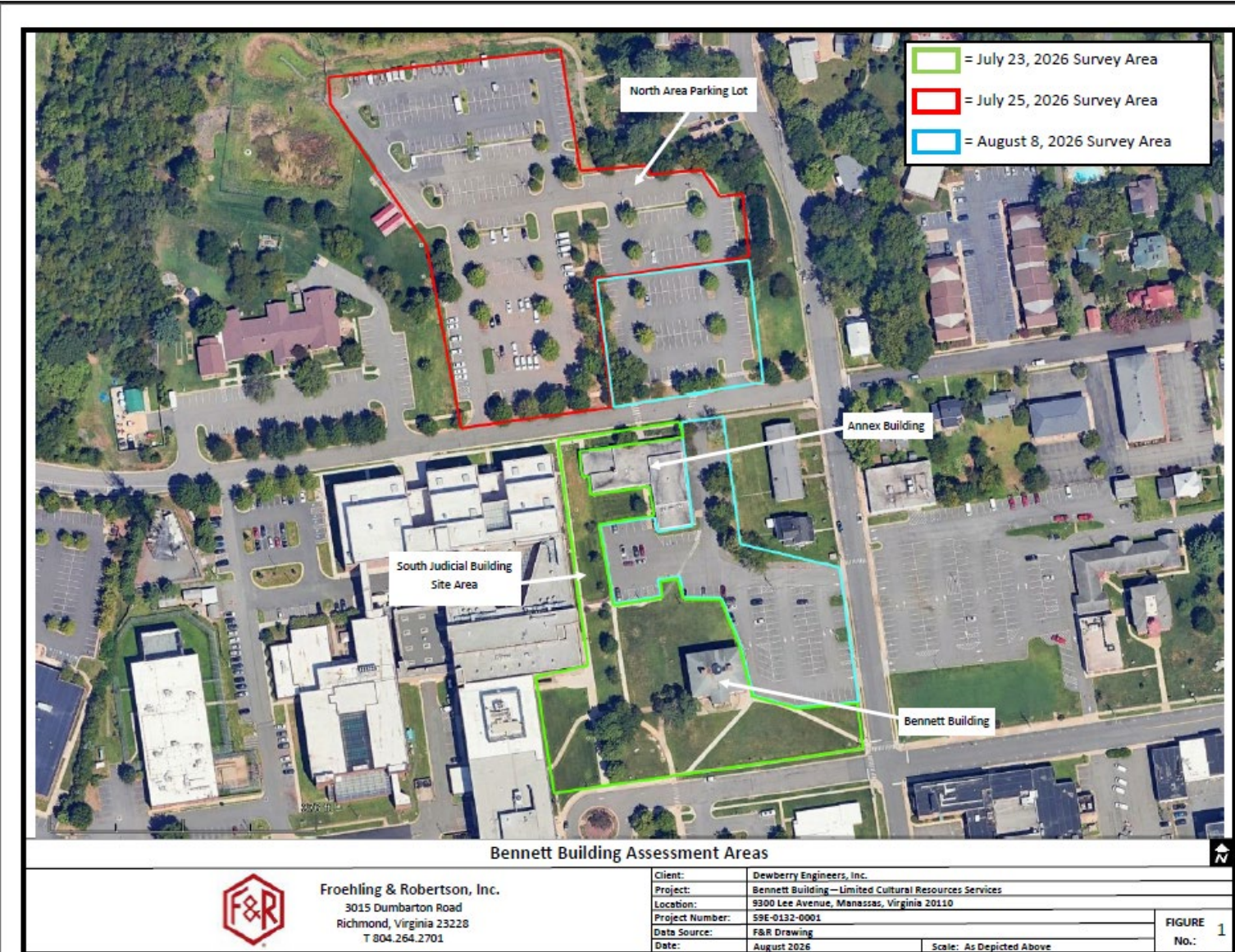
- ☐ A total of 459 positive readings were identified within the searched area.
- ☐ 2 areas of potential visible artifacts of glass and pottery were identified.

## Ground Penetrating Radar Survey:

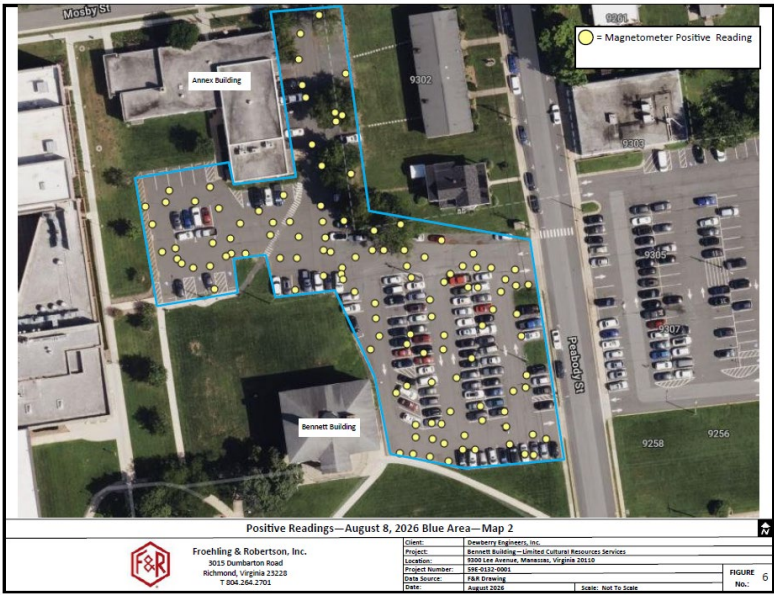
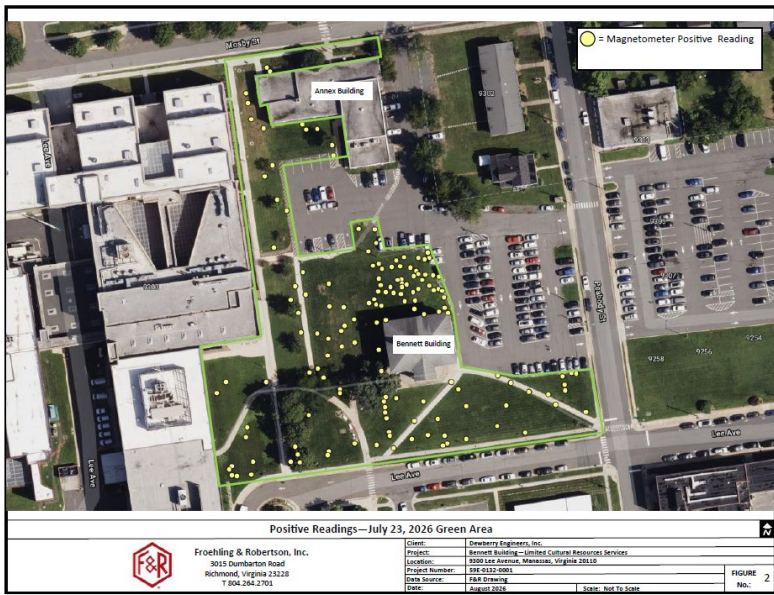
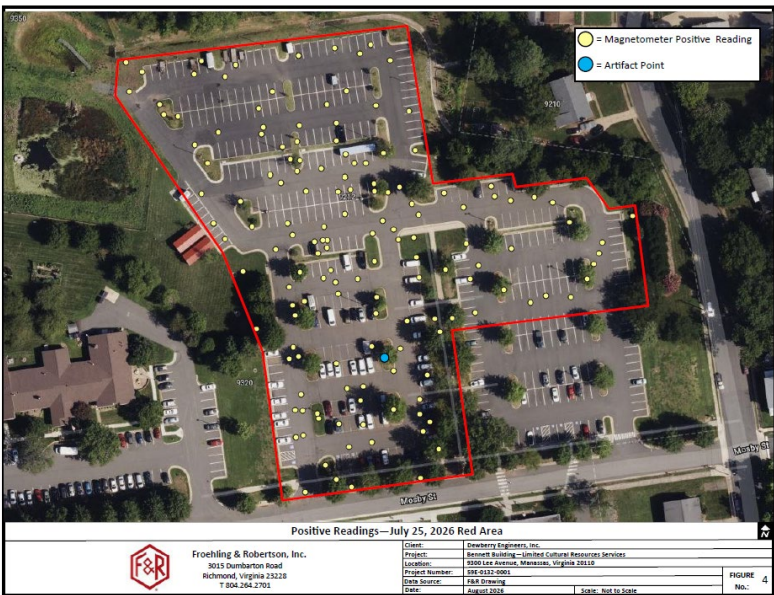
- ☐ Cart-style GPR
- ☐ Generally able to scan to a maximum depth of 2 to 3 feet below ground surface
- ☐ Soils high in clay content and / or moisture level, limit GPR effectiveness

## Ground Penetrating Radar Results:

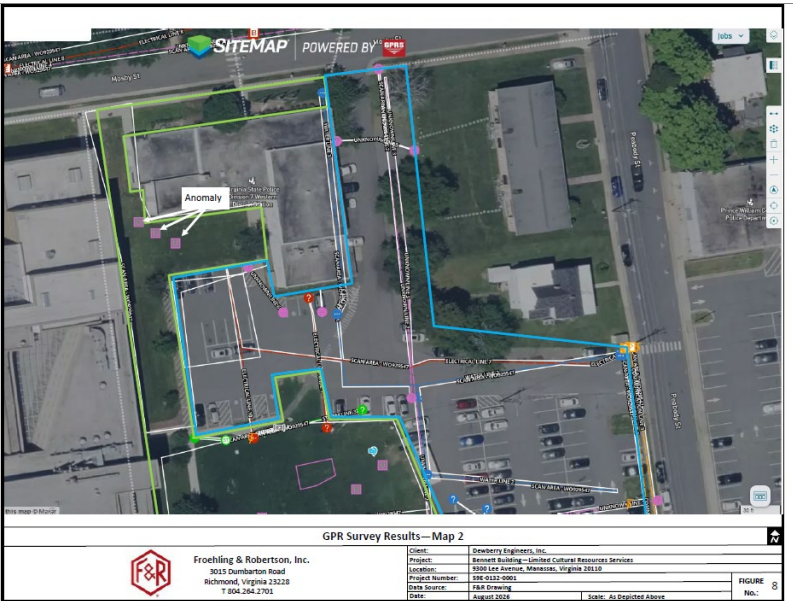
- ☐ 14 potential anomalies were identified within the searched area
- ☐ 12 potential anomalies were identified within the footprint of the Bennett Building



# Graphics – Locations of Magnetometer Positive Readings



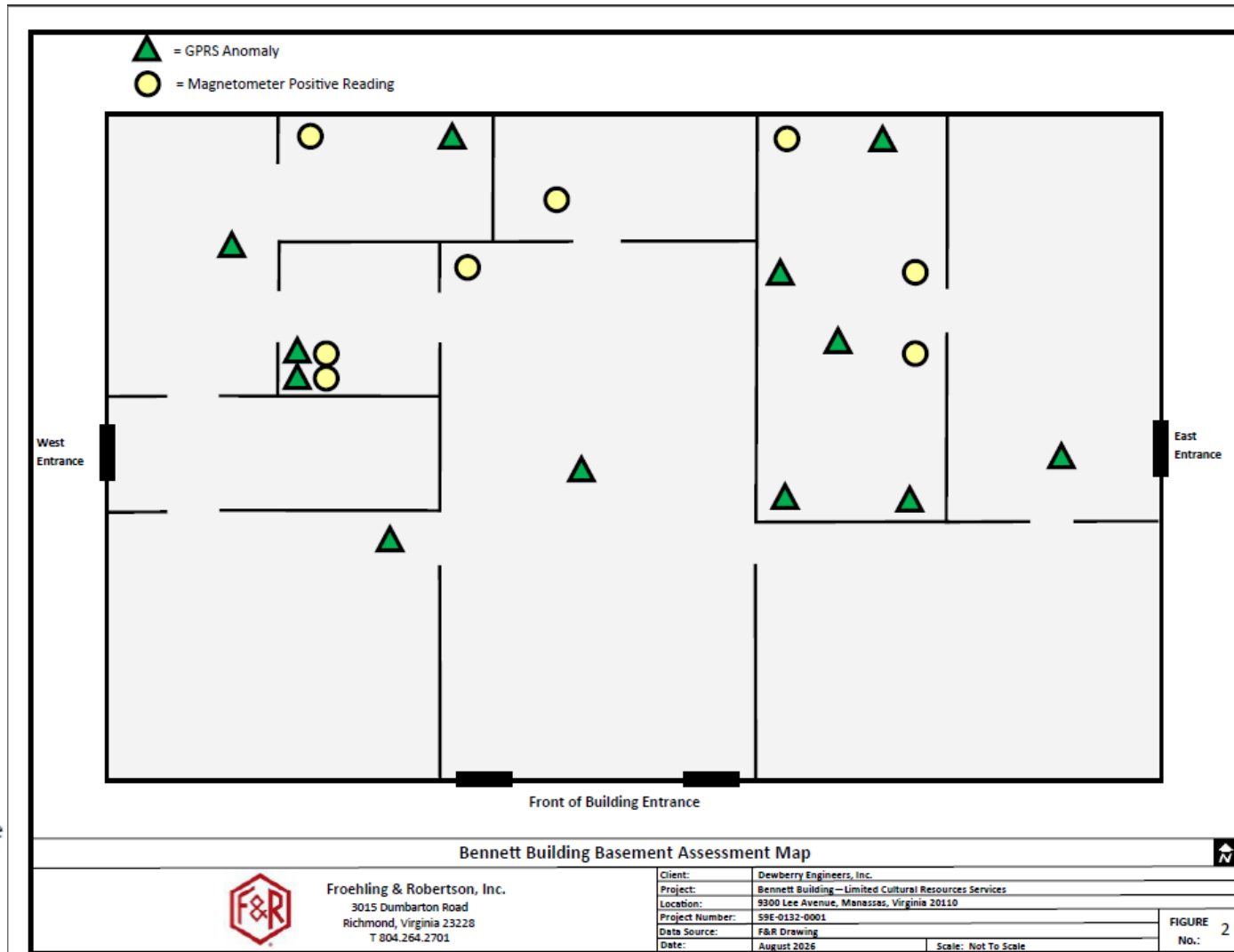
# Graphics – Locations of Existing Utilities Overlaid with GPR Identified Potential Anomalies



# Graphics – Locations of GPR Potential Anomalies Within the Bennett Building Footprint



Photo showing a potential anomaly marked during the GPR survey in the basement of the Bennett Building.



**1) PWC DTCC Staff to convene a series of planning meetings during the Fall/Winter to include the following stakeholders:**

- ☐ Archaeologist - Office of Army Cemeteries - Arlington Cemetery
- ☐ Archaeologist - Cemetery Preservation - Virginia Department of Historic Resources
- ☐ Appropriate Individuals from City of Manassas and Manassas Park
- ☐ PWC Agencies / Departments
  - ☐ Cultural Resources Planning Manager / County Archaeologist – Planning Office
  - ☐ Division Manager - Office of Historic Preservation - DPR
  - ☐ Cemetery Preservation Coordinator – Planning Office

**2) PWC DTCC Staff shall Execute and Coordinate Exploratory Excavations:**

- ☐ Utilizing a third-party consultant with established experience / agreed upon with all entities in planning sessions
- ☐ Using means and methods agreed to by all parties during the planning sessions
- ☐ Exploratory excavation Spring /Summer 2027 with reported results Summer/Fall 2027

**3) PWC DTCC Staff shall Concurrently:**

- ☐ Abate all hazardous material within the Bennett Building
- ☐ Consider selectively demolishing the Bennett Building to allow easier access for excavations beneath the basement slab
  - ☐ This can be accomplished without disturbing the surrounding area or interfering with the areas of excavation