



## **PROFESSIONAL SERVICES SUMMARY**

### **CIVIL ENGINEERING DESIGN**

- Preliminary Cost Estimates • Earthwork Studies • Floodplain Studies • Sediment & Erosion Control Plans • Regional/State-Controlled Dam Designs • Storm Drainage Designs
- Stormwater Management Facilities • Water Quality Impact Assessments & Facilities Design
- Roadway Design • Pavement Analysis • Traffic Control Plans • Sanitary Sewer Designs
- Pumping Stations • Sewage Treatment • Water Distribution System Designs • Construction Documents & Specifications • Elevated Storage Tanks • Construction Administration
- Construction Contract Administration

### **ENTITLEMENT SERVICES**

- Feasibility Studies, Site Investigations & Analyses • Rezoning & Development Plans • Special Exceptions • Special Permits • BZA Processing • Eminent Domain Representation/Hearing
- Projects/Sketch Plans • Site Plans & Subdivision Plans • Expert Testimony

### **MASTER PLANNING & LANDSCAPE ARCHITECTURE/ARBORICULTURE**

- 3-D Concepts/Visualizations/Fly-throughs • Renderings & Presentation Graphics
- Landscape Construction Administration • Construction Detailing • Specifications
- Green Roof Design • Entry Feature Designs • Grading Plans • Hardscape Plans
- Lighting/Photometric Plans • Planting Plans • Plaza & Courtyard Designs • Site Planning
- Urban & Suburban Land Planning • Zoning Reviews & Evaluations • Streetscape Designs
- Tree Preservation Plans • Tree Conservation Preservation Plans by Certified Arborists
- Historic & Environmental Preservation Plans • Tree Inventory & Condition Analysis

### **LAND SURVEYING & CONSTRUCTION STAKEOUT**

- 3-D High-Definition Scanning Services • 3-D Models/Machine Control • ALTA/NSPS Land Title Surveys • As-built Surveys • Boundary Surveys • Condominium Plats – DC, MD & VA
- Construction Stakeout • Damaged Structure Surveys • Detailed Height Surveys • Digital Orthography • Disaster/Structural Monitoring Services • Easement Plats & Documents
- Existing Conditions Surveys • FAA Form 7460-1 Filings • Façade Surveying • Geometric Layout Plans • GIS Survey Services • Jurisdictional-Specific Services for DC • Plats of Computation • Survey to Mark • Oblique & Vertical Aerial Photography • Planimetric Surveys
- Preparations of Plats & Legal Descriptions • Public Space Exhibits & Descriptions
- Title Encumbrance Exhibit • Right-of-way Exhibits for State & Municipal Takings
- Subdivision / Dedication / Easement Plats • Topographic Surveys & Survey Verifications
- Tree & Forest Stand Surveys • Utility Surveys • Wall Check Surveys • Wetland Surveying
- Buildings • Site Construction Elements • Pavements • Utilities

### **GREEN INITIATIVES**

- Leadership in Energy & Environmental Design (LEED) • Sustainable Sites Initiative (Sites)
- Low Impact Development (LID) Design • Sustainable Design