

9. Adjacent public utilities are of adequate capacity will be extended to the site area (generally to the back of near curb line) by others and will be available for connection for this project. Relocations of existing utilities or extensions of new utilities within the public right-of-way are not included.
10. Site electric, gas, and telecommunications (dry utilities) services will be designed by others, either the MEP consultant, or the public utility provider. AMT will provide a separate fee for site dry utility design and coordination if it is necessary.
11. Outdoor lighting is not included.
12. Review, testing, and permit fees payable to the District or other approval agencies will be provided by the Owner.
13. The Owner will hire a Permits Expediter to complete permit applications, submit permit documents, relay permit review comments to the A/E team, process payments, and obtain permit documentation. AMT expects the Permits Expediter will process the DC Water Certificate of Availability, DDOT Public Space Permit, and DDOE permit approval. AMT will provide related technical items to the Permits Expediter based on comments from the respective agencies. If requested by the Owner, AMT will provide permit expediting services on an hourly basis.
14. Air quality studies and traffic studies will be provided by others at an additional cost. These studies may be required by the EISF.
15. Bid and submittal documents will be printed by the Owner. AMT will deliver digital PDF drawings for third parties to access for deliverables.
16. Attendance at meetings or public hearings beyond those included in the Scope of Services will be compensated on an hourly basis per the hourly rate schedule contained herein, or under a separate fee to be negotiated.
17. The Draft DDOE Stormwater Management Guidebook indicates "Major land-disturbing activities in the existing Public Right-of-Way (PROW) must achieve the SWRv (Stormwater Retention Volume) to the Maximum Extent Practicable." AMT assumes this project will not meet the threshold for requiring stormwater management of Public Space areas.
18. Our fee allows for a schematic design of new stormwater facilities. Based on agency requirements and the number of facilities required to be designed, we will revise the stormwater design fee at the 30% design level. No fee increase will be needed if three facilities or less are designed for the 100% construction package.
19. Cost estimating for the items designed by AMT will be performed for guidance only and will not be relied upon for market condition costs.
20. Construction Administration, Management or Contractor supervision is not included in this proposal.
21. Reimbursable expenses such as bulk printing, FedEx and courier services, and payment of minor fees on behalf of the Client, will be invoiced at cost plus 10%.

FEES: Services identified above will be provided for the following fees:

BASE SERVICES:

Topographic & Boundary Survey	\$18,150
Design & Construction Documents	\$57,500
TOTAL BASE SERVICES	\$ 75,650

ADD/Alternate SERVICES:

Geotechnical Study (Alternative Service)	
Field Exploration subtotal:	\$7,040
Laboratory Testing subtotal:	\$1,980
DDOE Permitting Services and Soil Disposal subtotal:	\$5,720
Exploration & Reporting subtotal:	\$ 2,780
Phase I Archeological Survey (Alternative Service)	
Need Assessment and advice subtotal:	\$2,000
Phase 1 study subtotal:	\$12,000
SUE Quality Level B	\$7,150

Additional services requested by the client that are outside the above scope of services will be invoiced at our prevailing hourly rate schedule as follows:

Associate:	\$ 200.00
Project Manager:	\$ 150.00
Senior Engineer / Surveyor:	\$ 130.00
Engineer/Designer:	\$ 100.00
Landscape Architect	\$ 110.00
Technician/CADD:	\$ 90.00
Clerical:	\$ 55.00
Field Survey Crew (portal to portal) (2-person):	\$ 135.00
Direct Expenses:	Cost + 10%

Your signature on the line below on an executed copy of this agreement, when returned to our office, will serve as your Notice to Proceed, in accordance with the attached general conditions. We look forward to working with you on this project. Please contact us at (202) 289-4545 if you have any questions or require additional information regarding this proposal.

Sincerely,
AMT, LLC



R. Gore Bolton, P.E., Prof. LS
Associate

cc: Jose Soliz, P.E
Eva Kodula, Operations Manager

Accepted:

By: _____ Date: _____

Title: _____

STANDARD CONTRACT TERMS AND CONDITIONS

SECTION 1 – GENERAL: AMT, LLC "AMT", agrees to provide Professional Services described in the preceding PROPOSAL.

The "CLIENT", as referred to herein, is the other party to this "AGREEMENT" to which this PROPOSAL was prepared and submitted.

The entire AGREEMENT between AMT and CLIENT consists of the PROPOSAL, these Standard Contract Terms and Conditions, any applicable Supplemental Conditions of Service, and any other referenced exhibits or attachments.

SECTION 2 – SCOPE OF WORK: It is mutually understood that the scope of work and time schedule, if any, defined in the PROPOSAL are based on the information provided by CLIENT. If this information is found to be incomplete or inaccurate, or if unexpected conditions are discovered, the scope of work may change, even as the work is in progress. If the CLIENT requests additional services or when a change in the scope of work or time schedule is necessary, a written amendment to this AGREEMENT shall be executed by the CLIENT and AMT as soon as is practicable. Consent to such amendments shall not be unreasonably withheld.

SECTION 3 – STANDARDS OF WORK: AMT will perform services in a manner consistent with that level of care and skill ordinarily exercised by members of the Engineering profession currently practicing in the same locality under similar conditions. No other representations express or implied, and no warranty or guarantee is included in this AGREEMENT, or in any report, opinion, document, or otherwise.

Any exploration, testing, surveys and analysis associated with the work will be performed by AMT for the CLIENT'S sole use to fulfill the purpose of this AGREEMENT. AMT is not responsible for interpretation by others of the information provided.

SECTION 4 – RIGHT OF ENTRY: CLIENT hereby grants AMT and any subconsultants or agents the right to enter from time to time the property to perform the services offered under this AGREEMENT.

SECTION 5 – OWNERSHIP OF DOCUMENTS: AMT will provide documents in a quantity and type as described in the PROPOSAL. Documents may include but not be limited to: engineering drawings and plans, specifications, survey reports and certifications, subsurface engineering reports, field data, and laboratory/test reports. Additional copies shall be furnished to the CLIENT at cost plus 10%.

AMT acknowledges CLIENT'S ownership of documents prepared for and paid for in full by the CLIENT. CLIENT acknowledges AMT'S rights of ownership and property interests in the documents, including all common law, statutory and other reserved rights, including copyrights, whether or not the project is completed. No third party may rely upon AMT'S documents, including but not limited to opinions, conclusions, certificates, reports, drawings, and specifications unless AMT has agreed to such reliance in advance.

CLIENT and AMT further agree that, if necessary, to execute under separate cover, electronic communications and CADD data transfer AGREEMENTS.

SECTION 6 – COMPENSATION: CLIENT shall compensate AMT for all services and direct expenses authorized and properly performed and delivered in accordance with the fees stated in the PROPOSAL. Subject to the foregoing, CLIENT may make partial payments based on regular monthly billings by AMT.

Payment of fees properly invoiced by AMT will be paid by CLIENT within 45 days of receipt of invoice. Notwithstanding the foregoing, CLIENT will make all reasonable efforts to collect from project owner(s), or other third party, for whom AMT'S fees were invoiced as part of the CLIENT'S invoice to said owner, or third party. In the event CLIENT relies upon receipt of payment by owner or other third party, the CLIENT shall endeavor to pay AMT within 10 days of receipt of said payment from owner.

CLIENT'S obligation to pay for the services invoiced by AMT are in no way contingent upon CLIENT'S ability to obtain financing, zoning, approval or governmental or regulatory agencies, final adjudication of a lawsuit in which AMT may be involved, or upon CLIENT'S successful completion of the project. Failure by CLIENT to make payments in accordance with SECTION 6 provisions may render any resultant AGREEMENT null and void.

The fees quoted in the PROPOSAL shall remain valid for a period of six (6) months from the date of the PROPOSAL. AMT may, at its sole discretion, honor quoted fees for services requested by CLIENT beyond the validity period.

SECTION 7 – INSURANCE: AMT will maintain General and Professional Liability Insurance for the protection of CLIENT and, if applicable, other third parties on an as required basis.

Such insurance covering personal and bodily injuries or death shall be in the sum of not less than \$1,000,000 for one person and not less than \$1,000,000 for any one occurrence. Insurance covering damage to property shall be in the sum of not less than \$1,000,000 for any one occurrence and \$1,000,000 aggregate. Professional Liability Insurance coverage shall be in the sum of not less than \$2,000,000.

Upon request by the CLIENT, AMT will provide a Certificate of Insurance in compliance with the requirements of this section.

SECTION 8 – INDEMNIFICATION: AMT agrees to indemnify and hold harmless CLIENT'S shareholders, officers, directors, employees, and agents from and against any and all claims, suits, liabilities, damages, including reasonable attorney's fees and expenses recoverable under applicable law, which may arise from the negligent acts or omissions of AMT in the performance of the services under this AGREEMENT.

CLIENT agrees to indemnify and hold harmless AMT from and against any and all losses, including reasonable attorney's fees and expenses recoverable under applicable law, to the extent caused by the negligence of the CLIENT, its employees, agents and contractors.

Neither CLIENT nor AMT will be liable to the other for any special, consequential, incidental or penal losses or damages including but not limited to losses, damages or claims related to the unavailability of property or facilities, shutdowns or service interruptions, loss of use, profits, revenue, or inventory, or for free use charges, cost of capital, or claims of the other party whatsoever.

SECTION 9 – LIMITATION OF LIABILITY: In recognition of the relative risks and benefits of the project to both the CLIENT and AMT, the risks have been allocated such that the CLIENT agrees to limit AMT'S total cumulative liability to CLIENT for any act or omission of AMT in connection with this AGREEMENT, including, but not limited to attorneys fees and costs, whether in contract, indemnity, contribution, tort, or otherwise, irrespective of the form of action in which such liability is asserted by CLIENT or others, shall not exceed the total compensation received by AMT under this AGREEMENT or \$75,000; whichever is less.

SECTION 10 – TERMINATION:

CLIENT or AMT may, for any reason whatsoever, terminate this AGREEMENT in whole or in part, or for convenience or for cause, and upon 5 days written notice to the other. Upon receipt of written notice, AMT shall take all reasonable efforts to immediately avoid encumbering any further expenses for labor and/or materials under this AGREEMENT.

In the event of termination for convenience, AMT will promptly render to CLIENT a final invoice for all labor and material expenses encumbered through the date of termination, which may include, but will not be limited to expenses for demobilization, reassignment of personnel, and restocking charges for returned material. Upon receipt of aforementioned invoice, CLIENT shall immediately compensate AMT for all undisputed amounts.

Due to any default by AMT in the performance of services under this AGREEMENT, or, upon demand by CLIENT, to cure a failure to make progress consistent with the terms of the AGREEMENT or to provide adequate assurances of future performance, the CLIENT may elect to terminate this AGREEMENT for cause. CLIENT shall not be liable to AMT for any amount for services (labor and/or materials) not accepted, and AMT shall be liable to the CLIENT for any and all rights and remedies provided by law. If it is determined that the CLIENT improperly terminated this contract for cause, such termination shall be deemed a termination for convenience.

Regardless of whether termination was for convenience or cause, AMT will deliver to CLIENT, upon AMT'S receipt of all financial obligations due under the AGREEMENT, all reports and documents pertaining to services performed up to termination.

SECTION 11 – DISPUTE RESOLUTION: All claims, disputes or controversies arising out of, or in relation to the interpretation, application or enforcement of this AGREEMENT shall be submitted to non-binding mediation, in accordance with the current rules of the American Arbitration Association, as a condition precedent to litigation. Cost for mediation including the mediator's fees will be borne equally by each party to this AGREEMENT.

SECTION 12 – GOVERNING LAW: The validity of the terms of this AGREEMENT shall be governed by the laws of the State of Maryland. CLIENT waives the right to remove any legal actions to any other jurisdiction.

SECTION 13 – TITLES: The titles used in this AGREEMENT are for general reference only and are not part of the AGREEMENT. Parties to this AGREEMENT are advised to read the each provision and rely on the guidance of legal counsel as necessary to help assure a complete understanding of all provisions and the obligations imposed through acceptance.

END OF STANDARD TERMS AND CONDITIONS

Maximum Survey Limits are shown in yellow.



Firm Profile & Information

Address & Role of Firm

AMT, LLC
10 G Street, NE, Suite 430
Washington, DC 20002

With extensive experience on projects for the Department of General Services (formerly OPEFM), AMT, LLC offers civil/site engineering, surveying and landscape architectural services for DC schools projects accordingly.

Age and History

AMT, LLC provides the full complement of civil engineering, surveying and landscape architectural services for public and private sector projects in the District of Columbia. The firm was founded seven years ago in 2006 by employees of A. Morton Thomas and Associates, Inc., of Rockville, Maryland, specifically to address the needs of District of Columbia clients. As a DC Certified Business Enterprise (CBE) and Small Business Enterprise (SBE), AMT, LLC is allotted the following preference points: 2 for LBE, 3 for SBE, and 2 for DZE.

Certified Business Enterprise

As a DC Certified Business Enterprise (CBE), and Small Business Enterprise (SBE), AMT, LLC is allotted the following preference points: 2 for LBE, 3 for SBE, and 2 for DZE. Our license number is [REDACTED].

Size of Office

AMT, LLC has grown to a staff of more than 30 engineers, technicians and designers and is intimately familiar with the requirements of the many District agencies, including DCRA, DDOT, DDOE, DC Water, DCSO, and WMATA, which all provide technical review and approval of the construction documents required to obtain permits for new construction. Our continued relationships with the staff of these agencies foster direct communication and efficient project reviews. Additionally, AMT, LLC is centrally located in Washington DC near Union Station, where access to these agencies is just a short walk or a Metro ride away.

AMT, LLC Specialties

AMT, LLC's project specialties include K-12 schools, parks, universities, urban residential/commercial development, monuments, public spaces, as well as utility infrastructure, roadways, drainage, stormwater management, low impact development (LID), and LEED certification/compliance. AMT, LLC has provided services for a variety of clients including architects, developers, federal agencies, private corporations, non-profit organizations, and the DC Government.

Site Planning and Design: AMT, LLC has prepared site assessments, feasibility assessments, planning, and site-development and infrastructure-improvements design services for hundreds of projects within the District of Columbia and the firm processes more than 50 site plans within DC per year. Site engineering design and plan processing includes obtaining a full range of Federal, District, and local permits.

Dry Utility Engineering: AMT, LLC has specialized expertise in the research, location, and coordination of underground utilities. With a specialized focus on the often complex underground network of services, we integrate with the project team to coordinate network-service continuity, as well as construction phasing. Our specialized approach of coordinating with utility and municipal asset owners to the contractor, makes us a team member that serves to expedite an often overlooked aspect of project planning and design services for site development and infrastructure improvements. We have relationships at all DC utility organizations.

Geographic Information Systems and Smart Buildings: AMT, LLC has specialized expertise in the development, maintenance and documentation of several large scale facility models. From utility infrastructure, to 3D models for large facilities, including the District of Columbia Height Study for the DC Office of Planning, our GIS and Smart Building services allow owners and facility managers to utilize a real time model of their facility assets. This service is integrated across other services to produce visualization and system intelligence across a wide range of expertise. Our 3D laser scanning as well as project imaging allows for a very efficient collection of data that can be shared across multiple users and stakeholders.

Stormwater Management and Erosion & Sediment Control: Within the past five years, AMT, LLC has prepared plans for a number of projects involving environmental permits including stormwater management and erosion/sediment control associated with new buildings and site development in the District. Recently, DDOE has requested the use of LID approaches for addressing stormwater management.

Landscape Architecture: AMT, LLC offers expertise in urban design and planning for public schools, parks and recreation facilities, multi-age playgrounds, campus design, streetscapes, plazas, courtyards, gardens, green roofs, community planning, and building-related landscape design. The firm's environmental planning includes wetlands delineation, bioengineering, wetlands mitigation and stream restorations.

Surveying: AMT, LLC prepares certified boundary and topographic surveys. Surveys establish perimeter boundary lines by field instrument survey and set forth both "Record" and surveyed dimensions and property areas. Topographic mapping shows grades of surrounding streets, alleys, sidewalks, and adjacent properties. Underground utility information is presented from official records, and verified in the field. Easements, if any, are shown, based on a Title Commitment. AMT, LLC prepares DC Building Plats for submittal as a prerequisite to building permit issuance by DCRA, prepares applications for new Subdivision Record Lots, and makes appropriate submittals to DCSO.

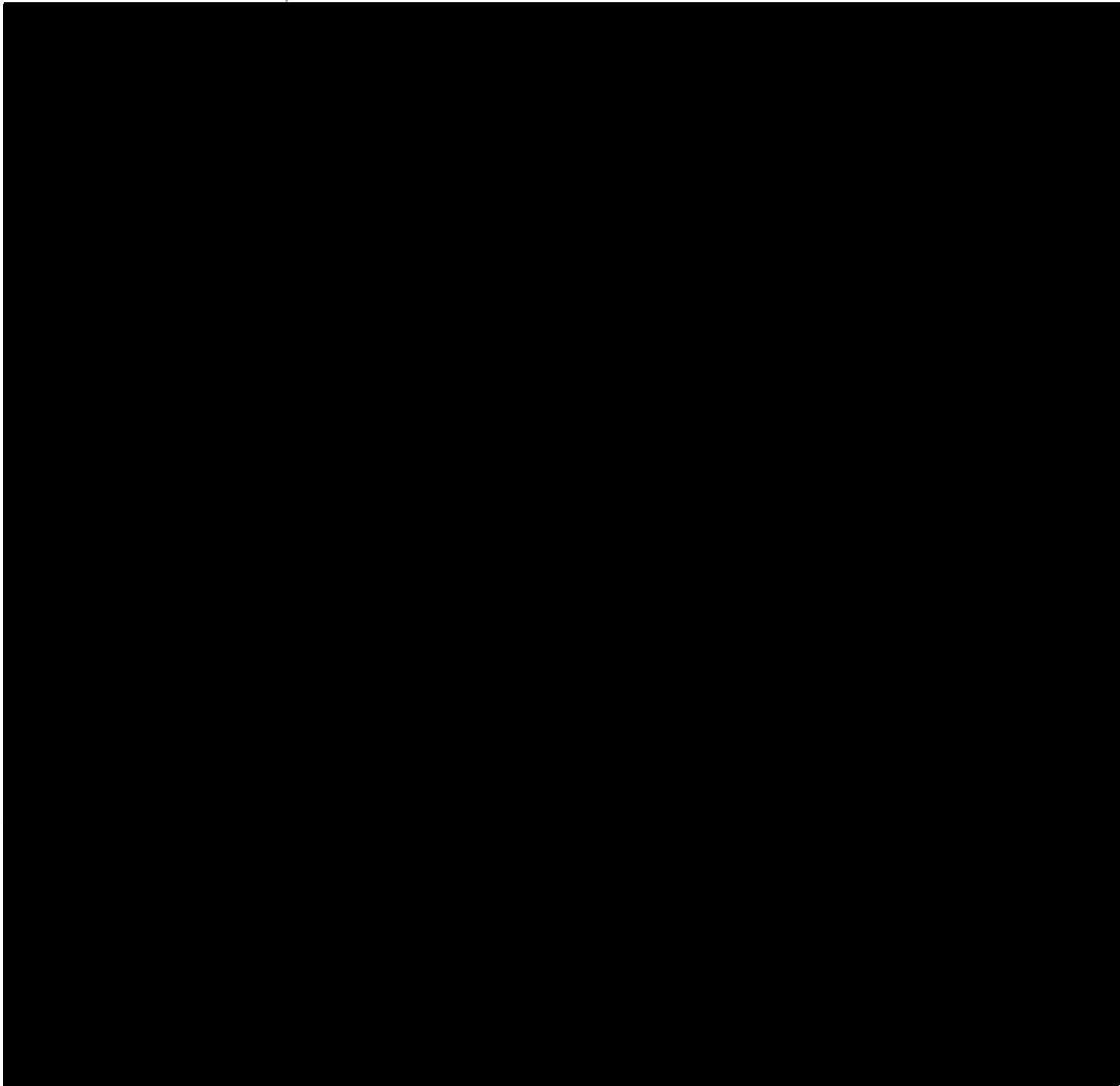
AMT, LLC Capacity to Perform

AMT, LLC has the resources required to complete projects on time and within budget. With relevant experience providing surveying, engineering and design services for numerous DC schools projects in the past five years, we're especially cognizant of the staffing and resource needs for the modernization program. Furthermore, in the past year, our staff size has increased by approximately 50% and now includes fourteen engineers, nine surveyors, six technicians and three administrative supporting staff. These human resources as well as efficiencies gained through familiarity with the DGS process and requirements, make us uniquely qualified to address project needs appropriately.

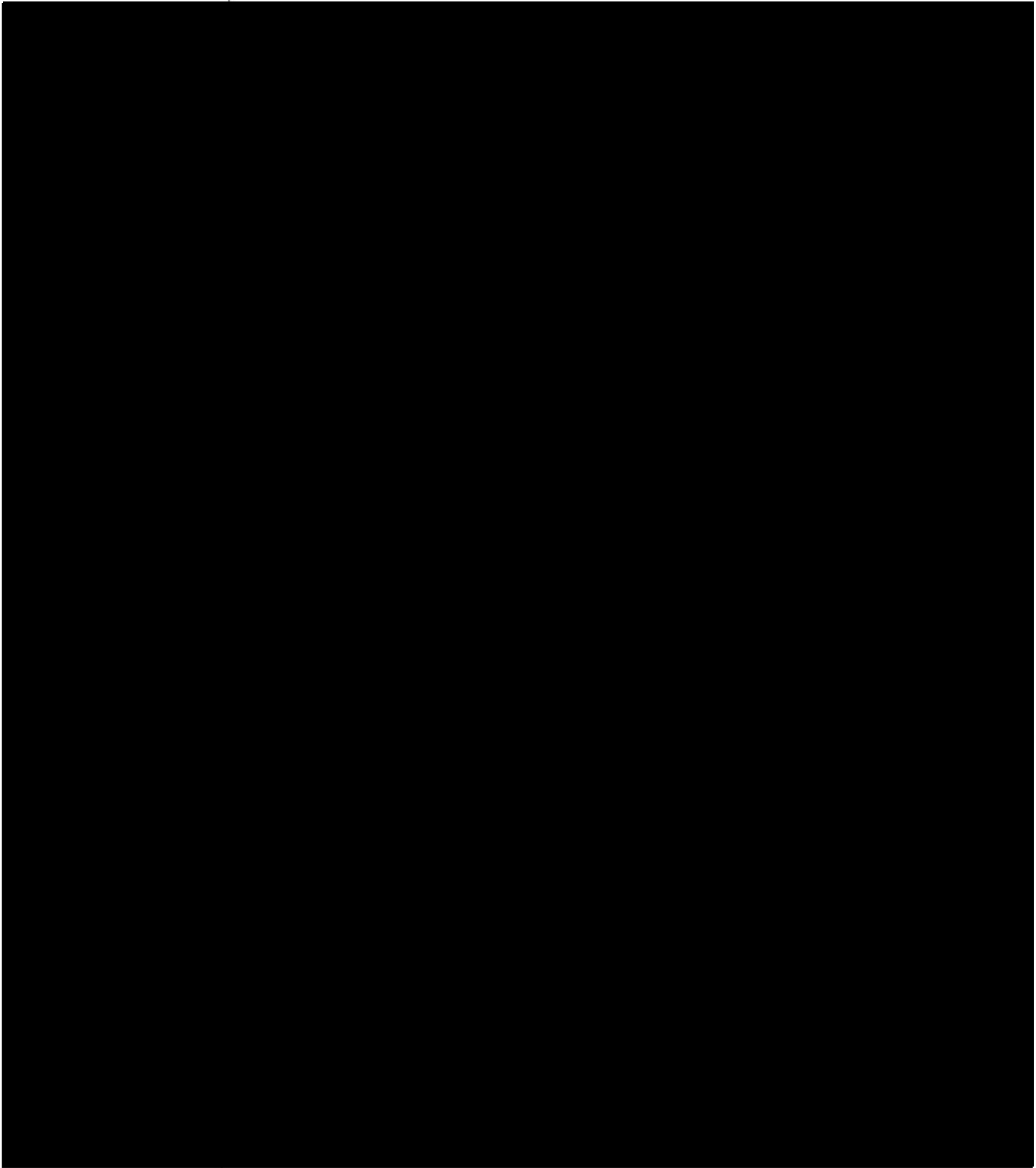
Disclosure

AMT, LLC has not held any contracts that have been terminated by default or convenience. AMT, LLC does not have any legal judgments against the firm or any litigation in process or pending, since its inception.

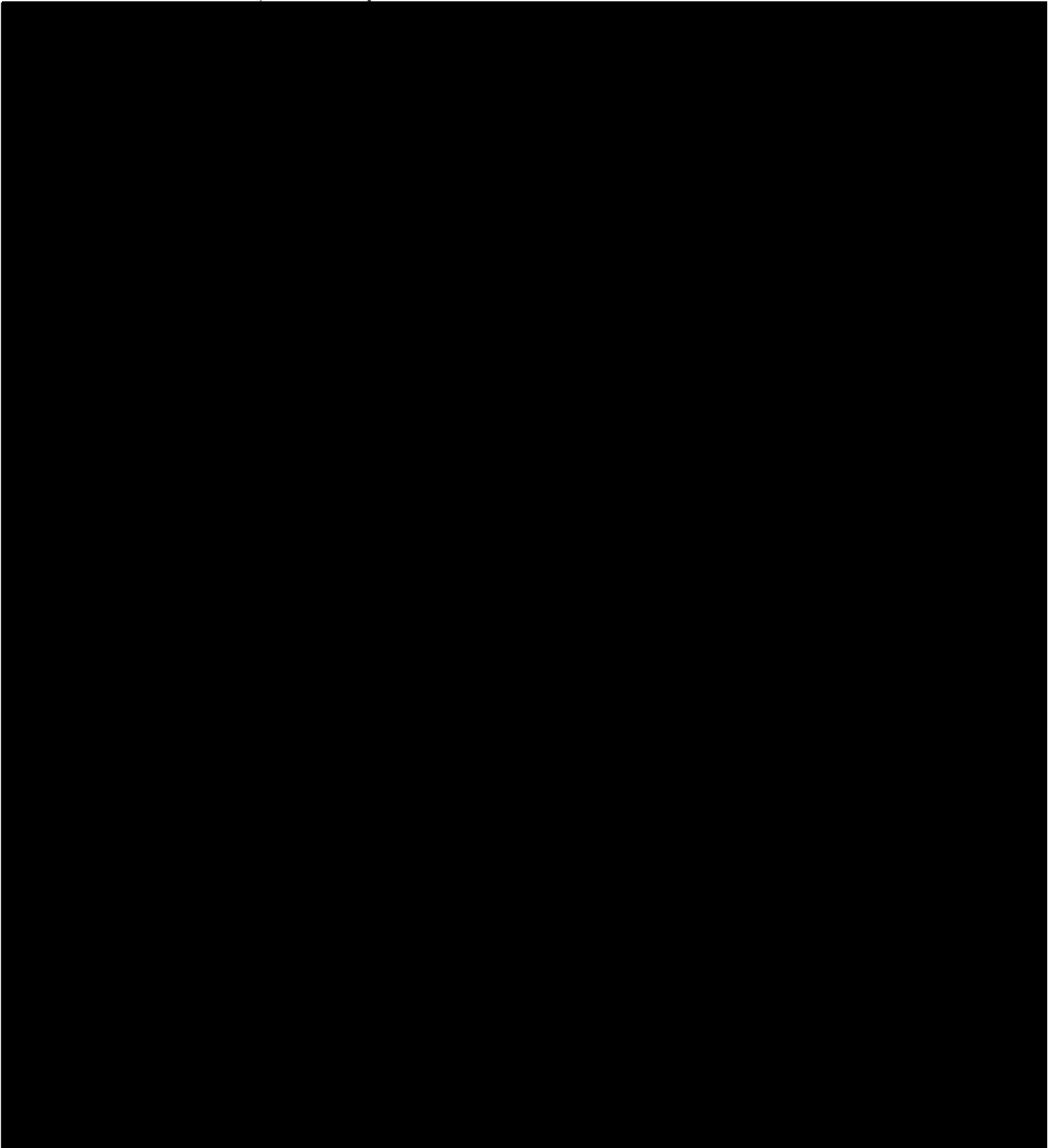
R. Gore Bolton, PE, PLS, QFCP
Associate



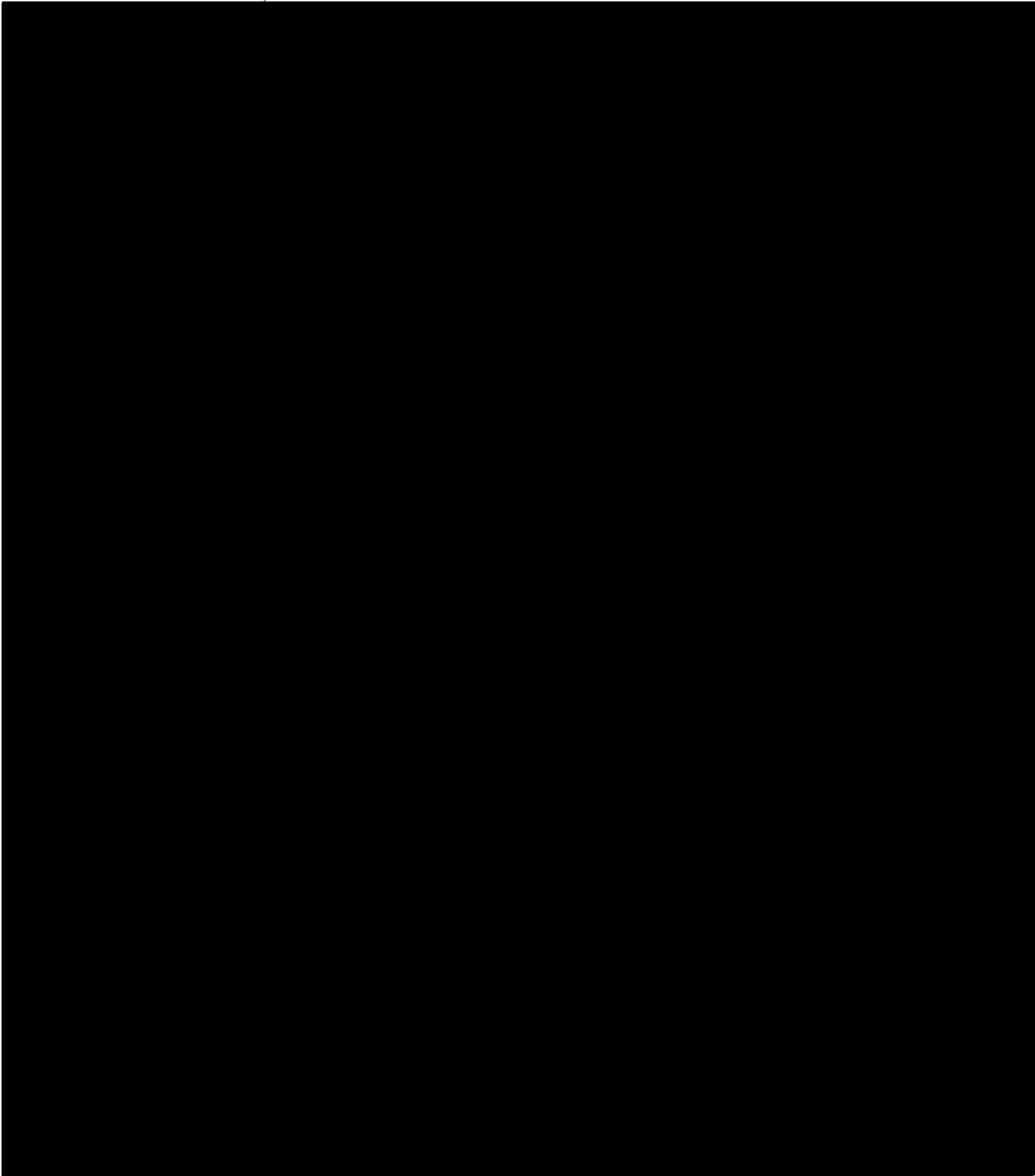
Jose Soliz
Senior Project Manager



Mary Lynne Marcinko
Landscape Architect



Emily Dean, P.E.
Project Engineer



References:

1. Lesa Zahn, Project Manager
Turner Construction Company
(202) 548-7536
lazahn@tcco.com
2. Ansar H. Burney
Lance Bailey & Associates, Inc
(301) 726-3383
ansar@lancebailey.com
3. Teddy Gebremichael
DGS
(202) 359-1224
TeddyG@mckissackdc.com



PALISADES COMMUNITY CENTER
PLAY AREA RENOVATION



EMERY RECREATION CENTER
PLAY AREA RENOVATION



HD COOKE SCHOOL



BANCROFT ELEMENTARY
PLAY AREA RENOVATION



STODDERT ELEMENTARY



FLORIDA AVENUE PARK
RENOVATION

Project Examples

Project Name / Owner / Location	Brief Description	Construction Cost	On-Time / On-Budget
Emery Recreation Center Play Area Renovation Owner: DC DGS / DPR Location: Washington, DC	<i>D/B play area renovation including two (2) playgrounds, ADA access, picnic shelter area, entrance plaza, exercise equipment, tricycle track, and associated landscaping</i>	\$1.5-2 million	Yes
Bancroft Elementary School Owner: DDC DGS / DCPS Location: Washington, DC	<i>D/B outdoor renovation including synthetic turf field, basketball court, 3 new playgrounds, outdoor classroom, fencing, ADA upgrades.</i>	\$1.7 million	Ongoing
Amidon-Bowen Elementary School Owner: DC DGS / DCPS Location: Washington, DC	<i>Phase 1 renovation of public elementary school including ADA-compliant entrance and playground renovations.</i>	\$5.5 million	Yes
Dunbar High School Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>D/B phased demolition, new construction and expansion of public high school with 111,000 SF footprint.</i>	\$91 million	Ongoing
Moten Elementary School Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>D/B renovation of school to allow for enrollment growth from 400 to 560 students including playground areas.</i>	\$14 million	Ongoing
Turner Elementary School Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>D/B phased construction of 72,000 SF unoccupied school in disrepair including playground areas.</i>	\$21 million	Ongoing
DCPS Stadium & Field Renovations Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>D/B renovation of 17 Athletic Fields at 10 DC high schools, 5 elementary schools, and 2 DPR parks.</i>	\$55 million	Yes
HD Cooke Elementary School Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>Renovation of existing wing of 49,000 SF building, including new parking and playground.</i>	\$33 million	Yes
Stoddert Elementary School Owner: DC DGS / DC Public Schools Location: Washington, DC	<i>Renovation and expansion of existing school including 47,300 SF addition designed to LEED Gold standards.</i>	\$28 million	Yes
Georgetown Library Renovation Owner: DC Public Library Location: Washington, DC	<i>LEED-compliant renovation of historic library damaged by fire, including basement addition and new site features.</i>	\$17 million	Yes
Palisades Community Center Play Area Renovation Owner: DC DGS / DPR Location: Washington, DC	<i>D/B play area renovations including a Native-American themed play area, ADA access, gardens, skate park, exercise equipment, picnic shelter</i>	\$2.3 million	Ongoing
Eaton Elementary School Owner: DC DGS / DCPS Location: Washington, DC	<i>D/B outdoor renovation including new artificial turf field, basketball court, outdoor classroom, nature trail, fencing, ADA upgrades.</i>	\$1.4 million	Yes
Watkins Park Owner: DC DGS / DCPS Location: Washington, DC	<i>D/B combination synthetic softball / football / soccer field and improvements to recreational amenities.</i>	\$1.6 million	Yes

GENERAL FIRM OVERVIEW

Who We Are

ECS, Ltd. is a multi-discipline engineering consulting firm specializing in the related fields of geotechnical, environmental, construction materials engineering, facilities, and code compliance. The parent firm, based in Chantilly, VA, was founded in 1988 and, through its eight wholly owned subsidiaries, employs a staff of more than 1,000 throughout the United States. Staff includes registered professional engineers and geologists, architects, certified lab technicians and construction inspectors, field engineers, and certified code compliance inspectors.

ECS Capitol Services, PLLC, (ECS), a subsidiary of ECS, Ltd., located at 655 15th Street, NW, Washington, DC, holds a Certified Business Enterprise (CBE) certification, Number LZ53788032016, and will provide the geotechnical and environmental consulting services for the modernization of Bancroft Elementary School project. ECS will provide these services through a combination of self performance and the use of sub-consultants on an as-needed basis from one of its sister subsidiaries. Based on the growing workload of the DC-based entity for all of the services ECS, Ltd. provides, ECS will directly employ personnel to provide such services to meet the intent of the CBE program.

Safety Awareness

ECS understands that the best safety cultures are driven by employee commitment, not just compliance. Safety has been and continues to be a priority at ECS. In 2010, we launched a new initiative to ingrain safety as a core value and integral part of our culture. Our Behavior Based Safety process known as **STAR** places safety at the forefront of everything we do.

Our Mission

ECS provides innovative solutions and responds to client needs with value and high-quality service in a variety of market sectors. Our goals are to help our clients achieve project success, and to provide professional and personal development for our employees. Our expertise, solution-oriented focus, client responsiveness, and commitment to employee and job safety have built our reputation in the industry as the firm to call when exceptional service matters most.

Client Focus

ECS partners with and supports architectural / engineering firms, general contractors, design-build teams, owners, construction managers, and developers through our team approach to market segments, including: *Academic, Commercial, Financial, Government, Healthcare, Residential, Industrial, Transportation, Energy and Utilities*. It is our corporate philosophy to **"Set the Standard for Service"** for our clients. We have earned the reputation for being responsive to client needs by providing pragmatic and creative solutions. To learn more about ECS, visit us @ www.ecslimited.com.



GENERAL FIRM OVERVIEW

Geotechnical Engineering Services

ECS' *Geotechnical Group* performs subsurface explorations with emphasis on foundation systems for buildings of all types as well as groundwater issues, retaining structures, and problem soil sites. The Geotechnical Group provides design teams with a thorough understanding of the geotechnical issues that may affect a project. Subsurface explorations form the basis of our analysis of each site. Geotechnical reports typically include design recommendations for site grading, foundations, slabs, slope stability, retaining walls, dewatering, and pavements.

Our engineering expertise provides design teams a thorough understanding of the geotechnical issues that may affect a project. The Geotechnical Group can provide services such as:

- Development and execution of subsurface explorations (test borings, test pits, rock coring, and geophysical methods)
- Site development feasibility studies
- Geological studies including evaluation of karst topography
- Design recommendations for site grading, foundations, slabs, slope stability, retaining walls, dewatering, and pavements
- Storm-water infiltration studies
- Forensic services – building, slab or pavement settlements, defective concrete, etc.
- Deep foundation system load tests
- Value engineering review of studies prepared by others air photo interpretation
- Soil/materials specifications
- Seismic design considerations
- Lateral and vertical movement monitoring of excavations and construction

ECS offers a full array of geophysical services that can be used for projects. The use of geophysical methods can produce results that represent complete, full-picture data at lower costs. Some of the geophysical applications used by ECS and their possible applications to projects are: 2-D Electrical Resistivity, 2-D Seismic Refraction P-Wave Profiling, 2-D Refraction Microtremor S-Wave, Down-Hole and Cross-Hole, Ground Penetrating Radar, Magnetics, Electromagnetics, and Vibration and Noise Monitoring.

Geotechnical Consultant - The role of the geotechnical design consultant is to provide cost-effective and sound design recommendations for foundation and earthwork construction. The geotechnical consultant must develop a well-planned field and laboratory test program. The geotechnical consultant, through thorough engineering analyses, must consider all the geotechnical-related factors that affect development of design recommendations. ECS has extensive experience in managing projects where numerous technical considerations must be incorporated in the design process and is very familiar with current design practices and standards. ECS' Geotechnical Group provides design teams with a thorough understanding of the geotechnical issues that may affect a project.



PROJECT EXPERIENCE

PHILIP A. BOLEN MEMORIAL PARK

LEESBURG, VA

The project consisted of the development of an existing 460-acre site with six soccer fields, nine softball/baseball fields, a single-story maintenance building, a soccer kiosk, and a baseball kiosk. The development also included a main access roadway, surrounding at-grade asphalt parking lots, and several stormwater management ponds.

ECS provided geotechnical engineering services which comprised of a subsurface exploration, 100 drilled borings, laboratory testing, review of geologic documents, analysis of test results, and prepared recommendations. Recommendations for subgrade preparation, fill placement, blasting/rock excavation, building foundations and floor slabs, pavements, utility installation, and stormwater pond design and construction.



Ms. Deborah Heimberger / Loudoun County
703-737-8683 / Deborah.heimburger@loudoun.gov

MASON NECK STATE PARK

LORTON, VA



ECS has completed several geotechnical and construction materials testing projects related to Mason Neck State Park and its associated infrastructure.

One project involved the proposed addition to an existing visitor center at Mason Neck State Park in the Lorton area of Fairfax County. Mason Neck State Park is located on the western banks of the Potomac River in the extreme southern portion of the County. The visitor center is located in the western portion of the park about 100 feet off of the Belmont Bay shore and at an approximate elevation of 30 ft. The proposed addition was to be built onto the north side of the existing visitor center.

ECS drilled borings to explore the subsurface soil and groundwater conditions within the proposed addition footprint; performed laboratory tests on selected representative soil samples from the borings to evaluate pertinent engineering properties; analyzed the field and laboratory data to develop appropriate engineering recommendations; prepared recommendations for subgrade preparation and earthwork operations, fill placement, building foundation, and floor slab design; and developed construction considerations.

ECS has also provided geotechnical and construction materials testing services associated with the design and construction of several phases of asphalt trail systems extending over 3 miles. The presence of clayey soils and shallow groundwater presented challenges to the design and construction.

Virginia Department of Conservation
804-371-2799



PROJECT EXPERIENCE

FRYING PAN FARM PARK

HERNDON, VA

Frying Pan Farm Park is an approximately 150-acre park located at 2709 West Ox Road in Herndon. As part of the Phase I Design, two-horse stable buildings designated as Proposed Barn #1 and Proposed Barn #2 will be constructed between the existing pole-style barns and the existing activity center. In addition, a storm-water management pond will be constructed in the currently wooded area.



Proposed Barn #1 and Proposed Barn #2, including the Future Barn Expansion area, will be approximately 24,480 square feet (204 feet by 120 feet) and 24,000 square feet (200 feet by 120 feet) in size, respectively. The storm water management pond will have an approximate bottom elevation of EL. 342 feet.

ECS drilled borings to explore the subsurface soil and groundwater conditions; performed laboratory tests on selected representative soil samples from the borings to evaluate pertinent engineering properties; performed field testing for infiltration of the subsurface soils; analyzed the field and laboratory data to develop appropriate engineering recommendations; and provided foundation design recommendations for proposed barns and future facilities as the park expands.

Mr. Matthew Tauscher / Bowman Consulting
703-464-1000 / mtauscher@bowmancg.com

LEE DISTRICT PARK

FAIRFAX COUNTY, VA



ECS provided a subsurface exploration and engineering analysis for the proposed playground and parking lot improvements. The playground was to include a water-spray park, a carousel, tree house, and elevated boardwalk. The development also included the remediation of the existing parking lot and construction of a new asphalt parking lot.

ECS completed a subsurface exploration and laboratory testing programs and provided recommendations for development and construction of the playground

improvements all lightly loaded structures that could be supported on a system of wood piles or on shallow spread and/or continuous foundation systems. The presence of marine clay soils on slopes presented geotechnical challenges for the project. ECS performed slope stability analyses and presented recommendations as part of our scope of services. ECS also completed materials testing services during the construction.

Mr. Matthew Tauscher / Bowman Consulting
703-464-1000 / mtauscher@bowmancg.com



PROJECT EXPERIENCE

Additional Project Experience

MASON DISTRICT AMPHITHEATRE

ANNANDALE, VA

HIDDEN OAKS NATURE CENTER

ANNANDALE, VA

OVERLOOK RIDGE

LORTON, VA

COLUMBIA PIKE WALKWAY & RETAINING WALL

ANNANDALE, VA

POHICK STREAM VALLEY TRAIL

SPRINGFIELD, VA

WEST COUNTY RECREATION CENTER

CHANTILLY, VA

JEFFERSON PARK

FALLS CHURCH, VA

LEWINSVILLE PARK

MCLEAN, VA

CLAUDE MOORE PARK RECREATION CENTER & RAINS GARDEN

STERLING PARK, VA

IDA LEE PARK RECREATION CENTER ADDITION & TENNIS BUILDING

LEESBURG, VA

ARROWHEAD PARK

CENTREVILLE, VA

RIVERBEND GOLF & COUNTY CLUB DAM

GREAT FALLS, VA

OSSIAN HALL PARK ASPHALT TRAIL

ANNANDALE, VA

METROWEST OFFSITE TRAIL

FAIRFAX, VA

TUTTLE ROAD TRAIL

SPRINGFIELD, VA

WEST COUNTY FAMILY SHELTER TRAIL

CENTREVILLE, VA

SOUTH RIDING BALL FIELDS

CHANTILLY, VA

BRAMBLETON BASEBALL FIELDS

BRAMBLETON, VA

HERITAGE HUNT RECREATION CENTER

GAINESVILLE, VA

STONERIDGE ATHLETIC FIELDS

LOUDOUN COUNTY, VA

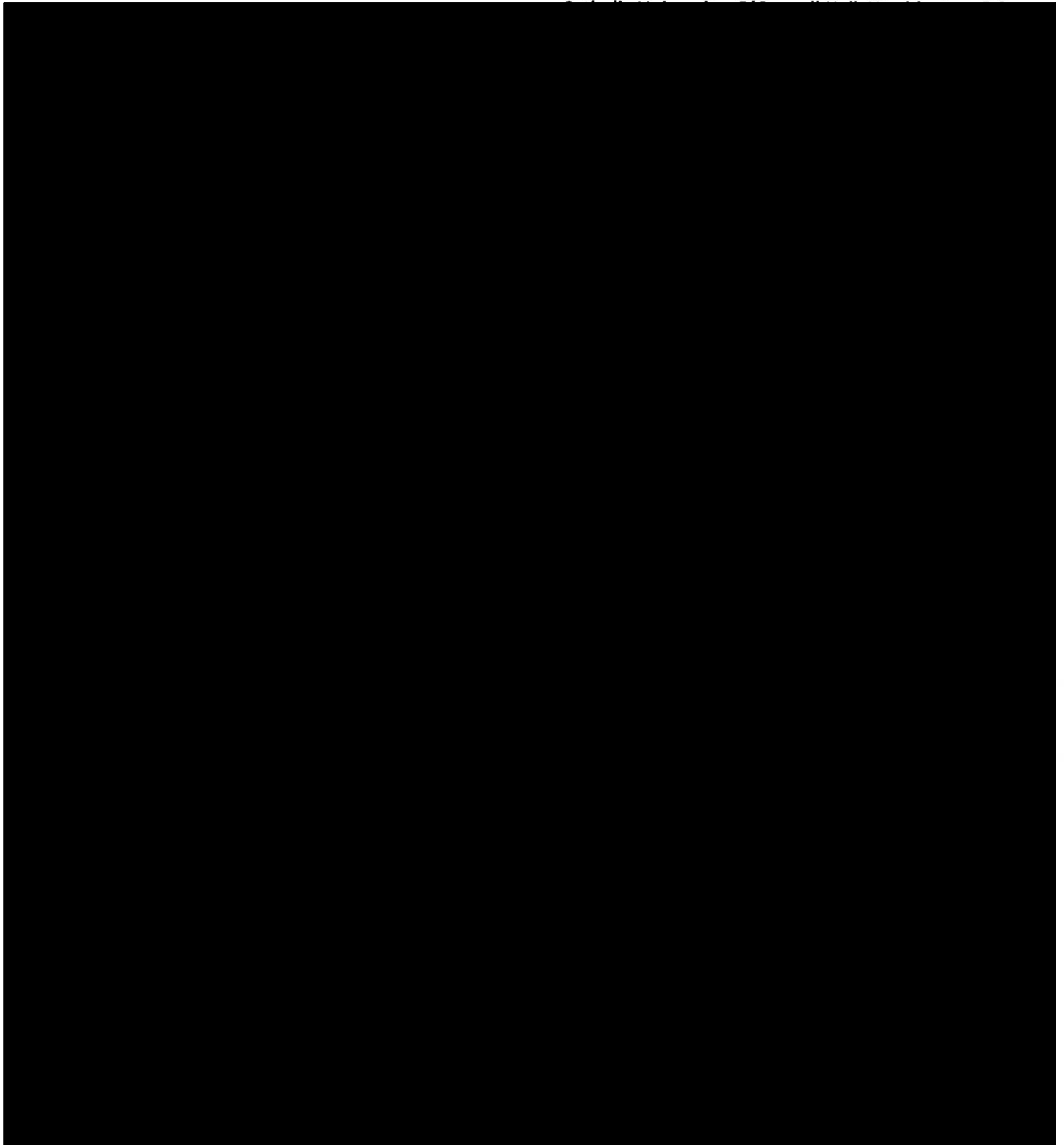
FAIRCREST PARKS AND RECREATION CENTER

CENTREVILLE, VA

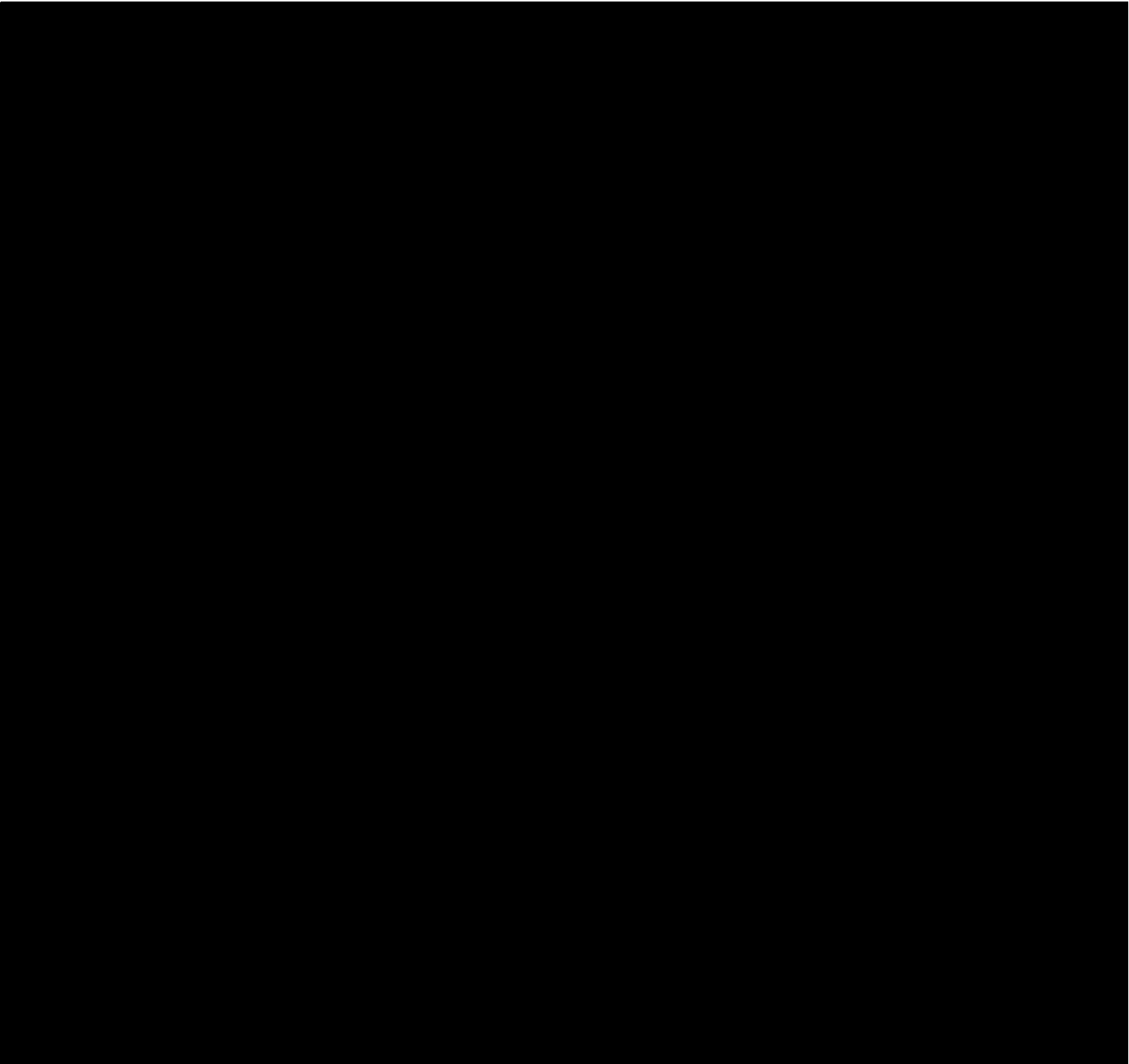


Stephen F. Patt, PE

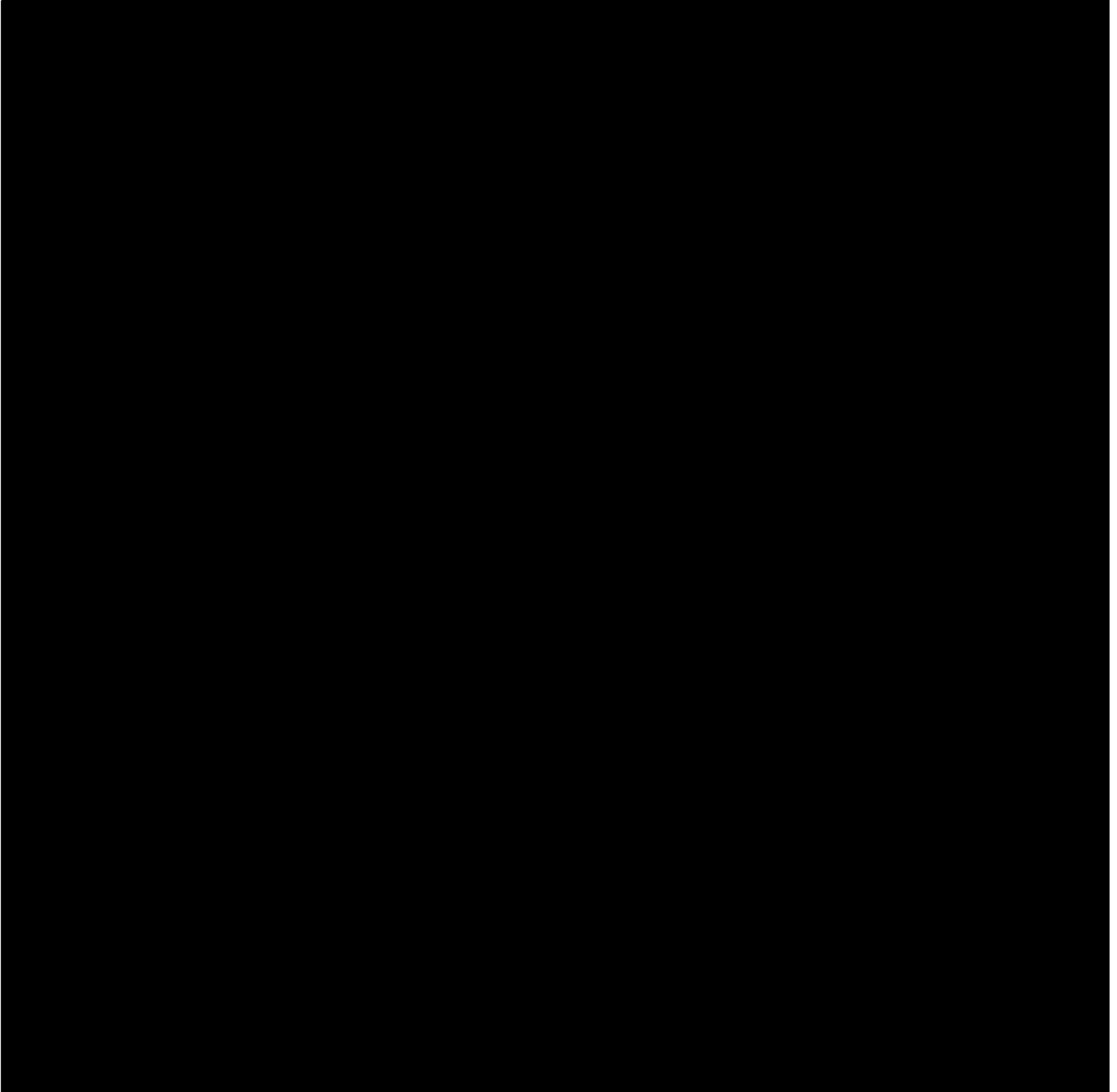
Senior Project Engineer



JEANNE A. WARD, RPA
APPLIED ARCHAEOLOGY AND HISTORY ASSOCIATES, INC.
615 FAIRGLEN LANE
ANNAPOLIS, MD 21401
410.224.3402



JASON L. TYLER, MA
APPLIED ARCHAEOLOGY AND HISTORY ASSOCIATES, INC.
ANNAPOLIS, MARYLAND



ENCLOSURE D**PRICE BREAKDOWN FORM**

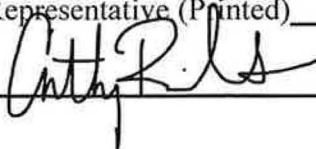
The bidder must complete this breakdown of prices and submit it with the quote.

DIVISION NO. *	DESCRIPTION	TOTAL PRICE BREAKDOWN
Div. 01	General Requirements (permit fee)	\$8,500.00
Div. 02	Existing Conditions (including Abatement and Demolition of existing structure)	
Div. 03	Concrete	
Div. 04	Masonry	
Div. 05	Metals	
Div. 06	Wood, Plastics, and Composites (stealth panels)	\$19,700.00
Div. 07	Thermal and Moisture Protection	
Div. 08	Doors and Windows	
Div. 09	Finishes	
Div. 10	Specialties (Engineering)	\$9,500.00
Div. 11	Equipment	
Div. 12	Furnishings	
Div. 13	Special Construction (Crain Service)	\$14,900.00
Div. 14	Conveying Systems	
Div. 21	Fire Suppression	
Div. 22	Plumbing	
Div. 23	Heating, Ventilation, and Air Conditioning	
Div. 26	Electrical	
Div. 27	Communications	
Div. 28	Electronic Safety and Security	
Div. 31	Earthwork	
Div. 32	Exterior Improvements (Panel installation)	\$7,800.00
Div. 33	Utilities	
Div. 34	P/O 15%	\$9,060.00
Lump Sum Bid Price		\$69,460.00

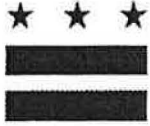
Company Name Executive Contractors, LLC

Authorized Representative (Printed) Anthony Richards

Signature



Date 04/24/2014



GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

April 21, 2014

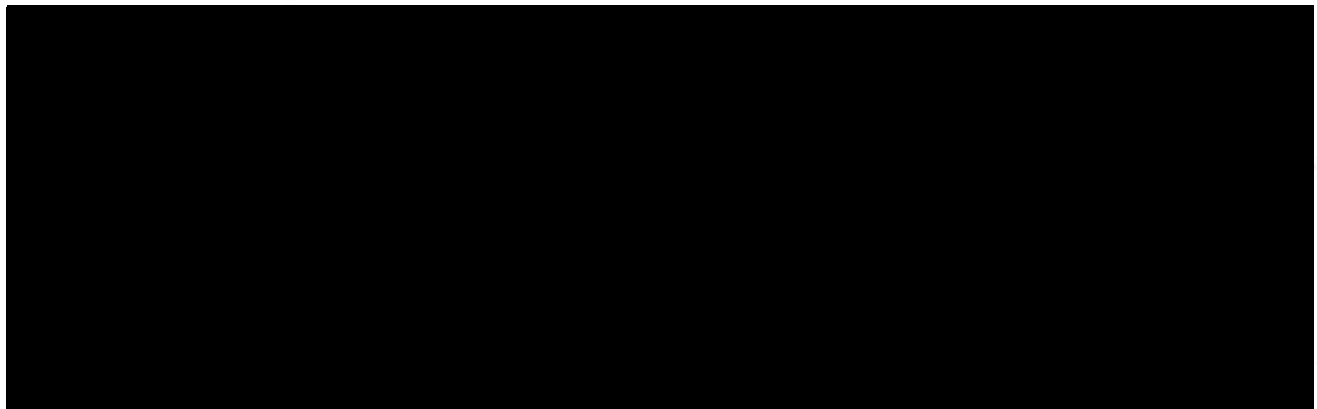
Mr. JW Lanum
2000 14th Street, NW
8th Floor
Washington, DC 20009

RE: Kalorama Park Site – Civil Engineering Services

Mr. Lanum,

Synopsis: For Kalorama Park Site Remediation Design & Engineering Services, DGS sent RFQs to 3 Civil Engineers, the list included: [REDACTED] declined to provide proposal due to their current workload. Therefore, we extended it to Macris, Hendricks, & Glascock, P.A (MHG) and [REDACTED] to the list. Proposals were received from MHG, [REDACTED] VIKA Capitol also missed the original request and therefore, they were given a time extension.

After reviewing proposals received from VIKA Capitol, MHG and [REDACTED] per my evaluation below:



MHG

Pros:

- Very detailed and well thought out response to the proposal
- Included all the required services and fees associated.
- Exact similar scope experience has been listed on their proposal.
- Previous project experience includes addressing exact similar issues (erosion issues);
- Fee proposal is in line with the scope we are proposing and lowers than other bidders.

Cons:

- Team has no previous DPR experience; however, they have demonstrated DC Government experience.

