

## Scope of Work

Oronoco Bay Park Stairs  
Oronoco Bay Park  
100 Madison Street  
Alexandria, VA 22314

### I. Project Description

The Department of Recreation, Parks and Cultural Activities is seeking services for the renovation of the Oronoco Bay Park Stairs, located at 100 Madison Street, Alexandria, VA 22314.

### II. Tasked Work Items

The Contractor shall provide all supervision, labor, materials, equipment, and site safety features/signage/barricades as needed to perform the work as described in the scope of work as follows:

#### A. Demolition and Removals:

1. All existing beams, gravel, and stone dust will be removed and disposed off-site by the Contractor using the Contractor's own forces.

#### B. Rebuilding:

1. Furnish all materials, labor, and equipment required to complete the scope of work in compliance with manufacturer's data and requirements referenced. Any items not specifically indicated in the scope, but normally required to conform with intent will be considered as a part of the work described therein.
2. Install a minimum of four (4) inches of stone dust as a base layer (see Attachment 3).
3. Install a (1.5) inch Flexi-Pave sub-base as indicated in the drawing attached.
4. Install (1.5) inch nominal depth Flexi-Pave as indicated in the drawing attached.
  - a. The step edges shall form a 110° curve (see Attachment 1).
  - b. The shape and dimensions of the stairs will reflect the drawing in Attachment 2.
  - c. The step closest to Pendleton Street shall be level with the existing sidewalk (see Attachment 2)
5. Install a row of bricks along the sides of the staircase as depicted in the drawing below.
  - a. Integrate the staircase brick paving into the existing brick lined path.
  - b. In between each brick there will be a ¼ inch of mortar.
  - c. There will be a ¼ inch layer of mortar underneath each brick.
6. Install a row of bricks along the curvature of the step's edges (see Attachment 1).
  - a. Steps shall be six (6) inches high with a 110° arc, the specific dimensions for each step can be found in Attachments 2 and 3.
  - b. There shall be ten (10) steps total.
  - c. Between each brick paver, below each brick, and between the brick and Flexi-Pave there will be ¼ inch of mortar as indicated in the drawing attached.
  - d. Bricks shall be level with the Flexi-Pave.
  - e. Bricks shall be the standard Old Virginia #24 Brick, or #237 Cambridge by Redland Brick, or City approved equal.
7. All ten steps shall be blended into the existing landscape following the natural slope of the area (see Attachment 4 for an example).
8. Clean up and restore all disturbed areas.

### I. Other Provisions:

1. Vendor shall not commence work until permits and/or submittals are approved and all materials are procured, readily available, and ready for immediate installation.
2. Vendor shall submit the lighting design to RPCA staff and the City permit center for approval prior to the procurement of materials.
3. Vendor to provide written notice to City of intent to commence work at least fourteen (14) business days prior to on-site mobilization. Written notice shall include request for City pre-construction meeting. Pre-construction meeting to be held on-site at least five (5) business days prior to on-site mobilization.
4. Work shall be completed and accepted not later than (90) Calendar Days from issuance of PO (purchase order), unless otherwise directed by the City.
5. Vendor may furnish his/her own remote, electrical-power source for powered tools via fuel powered generator. Operation of portable generator shall comply with City regulations and requirements. Contact City Permit Department for requirements.
6. Vendor shall furnish dumpster for debris removal. Dumpster shall have lockable lid – closed and locked securely during non-work days and hours. Dumpster location shall be approved by the City. Contact City Permit Department for requirements.
7. Vendor shall coordinate with the City for use of nearest water supply – water hose bibs in the neighboring residential community shall not be used by the Contractor.
8. Vendor shall provide evidence of good standing/eligibility to commence work in the city.

## **II. Substitutions:**

Changes, variations or departures from compliance with specifications and requirements referenced are not permitted without written authorization by the City.

## **III. Regulations & Inspections:**

1. Perform all work in accordance and compliance with applicable laws, codes and regulations required by authorities having jurisdiction over such work. Provide for all inspections, permits with Federal, State and Local authorities for progress of work, maintenance operations and in furnishing, transporting and installing materials.
  - a. All permitting fees are covered by the City.
2. Vendor shall comply with City regulations regarding allowable days and hours of work.

## **IV. Damage to Existing Conditions:**

Contractor will be responsible for any damage to the existing conditions including the existing surrounding fence, pavement, concrete curb and walkways, existing grades and topography (turf damage, tire ruts, soil compaction) as it relates to the light installation project only. All existing conditions will be documented prior to mobilization. All grass seed shall be Blue Tag certified and seed species shall be on the current Virginia Turf grass Variety Recommendations from the Virginia Cooperative Extension.

## **V. Existing Conditions & Regulatory Compliance:**

1. Project Site & Conditions: Review all work locations and adjacent site areas in comparison to the scope of work and project documents to identify anticipated problem areas. Notify City of findings prior to commencement of work.
2. Code Review: Compliance & Permits: Inspect and review the existing site for compliance with current and most up-to-date requirements at time of work. Identify, procure and obtain all permits/permissions and certifications and processes required for work task completion. Procure and obtain all required permits and licenses for timely performance and completion of assigned work. Provide for all inspections, permits with Federal, State and Local authorities for work operations and in furnishing, transporting and installing materials.

**VI. Execution & Close Out:**

1. Identify construction staging locations, requirements, methods and procedures including:
  - a. Anticipated access routes, staging requirements and needed areas for execution of work.
  - b. Location and access routes as approved by the Park Manager, through the City Project Manager.
  - c. Anticipated disruption/required maintenance of/to existing facilities.
2. Vendor shall work only between the hours of 0700 and 1700, Monday through Friday. The dog park must remain open and safe for community use after the allotted construction period, daily.
3. Work shall commence in a timely manner in accordance with City-approved schedule milestone dates as follows. Failure to meet the schedule places the contractor at risk of termination or suspension of the contract per the language below.
4. Coordinate trades, assemblies, inspections and progress of work to ensure continuous execution of the project scope without interruption or delay until project close-out.
5. Exact construction schedule between construction start and construction end will be coordinated with the Vendor and facilities to minimize impact on existing schedules.

**VII. Project Close-Out:**

- a. The site shall be thoroughly cleaned up and restored following construction – this includes new turf seeding at areas of exposed grade, adjacent to work areas or elsewhere disturbed by construction and/or demolition including work-staging areas.
- b. Vendor must run a magnetized drag over the work site including adjacent surfaces to remove metal fasteners, debris, and fragments.
- c. The city will conduct a thorough inspections of tasked work.
- d. Provide copies of documentation of approval, testing, manufacture, permits or inspection.

**VIII. Warranty and Warranty Period:**

- a. Vendor shall repair or replace all materials which fail to perform as intended for the period of one calendar year from date of final acceptance by City or as indicated in compliance with applicable warranty requirements.
- b. Work or materials found to be faulty in design or installation shall be remedied at no additional contract cost to the City.
- c. One year standard warranty on Flexi-Pave is required.

**IX. Cost of Work & Payment:**

1. Provide costs for task ordered work for work complete in place including all materials, equipment, labor, permits, incidentals and value escalations.
2. If the City determines that the Vendor has extended or expanded the scope of work without approval by the City, for the funds available, the Vendor shall remedy work as required to provide tasks within the budgeted funds, at no additional cost to the City.
3. In a timely manner, submit invoices for payment with reports summarizing progress, observations, deficiencies or other issues that may require further discussion or review with designated subcontractors or City to Eugene Loew or Beth Znidersic
4. Submit four (4) copies of requests for payment.
5. Payment will be provided upon 100 percent completion of the project.

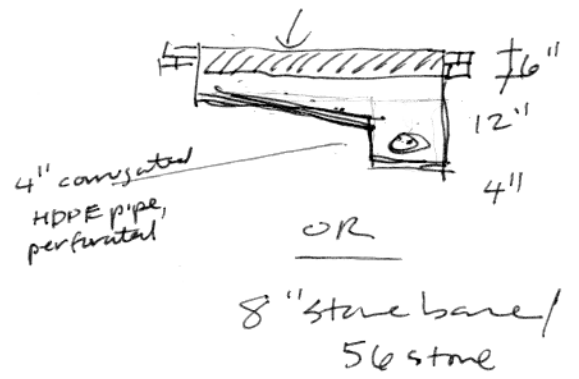
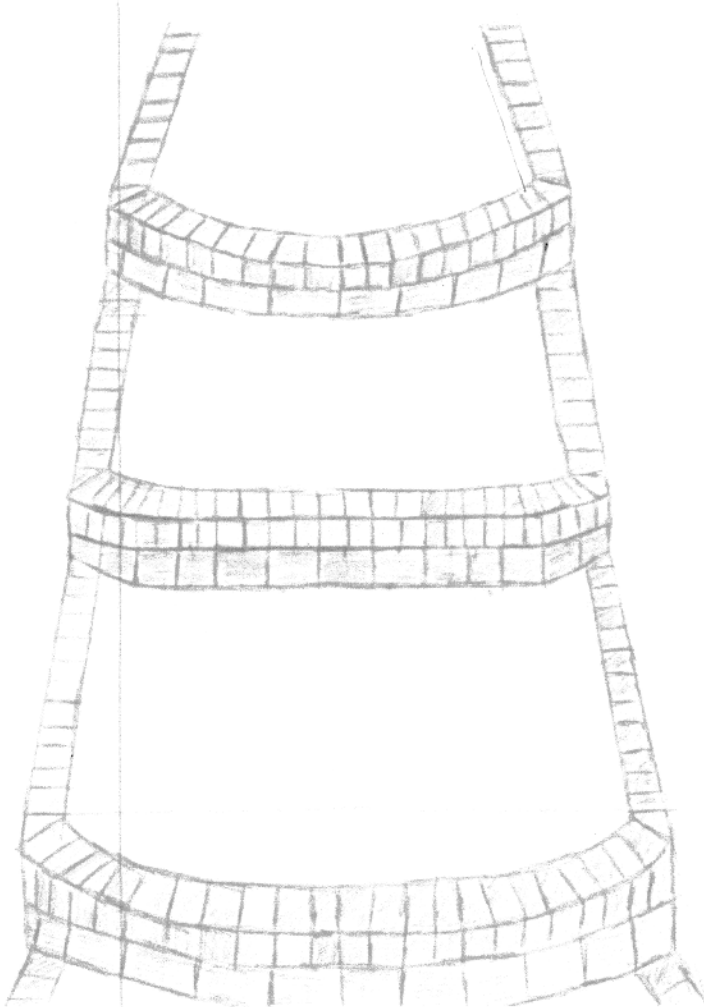
**Remit invoices to:**

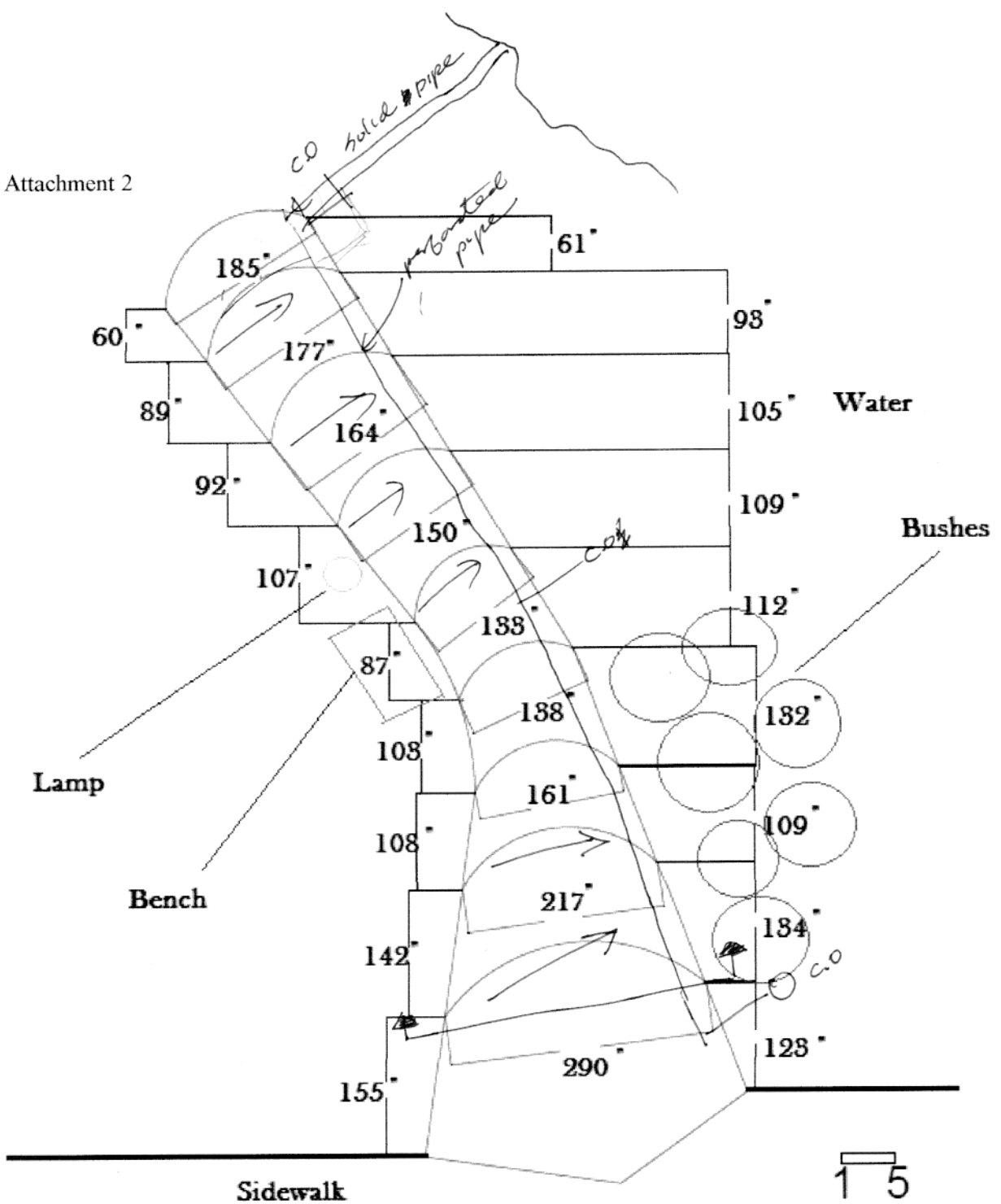
City of Alexandria Department of Recreation  
Attn: Eugene Loew  
Waterfront Operations  
1108 Jefferson Street

Attachment 1



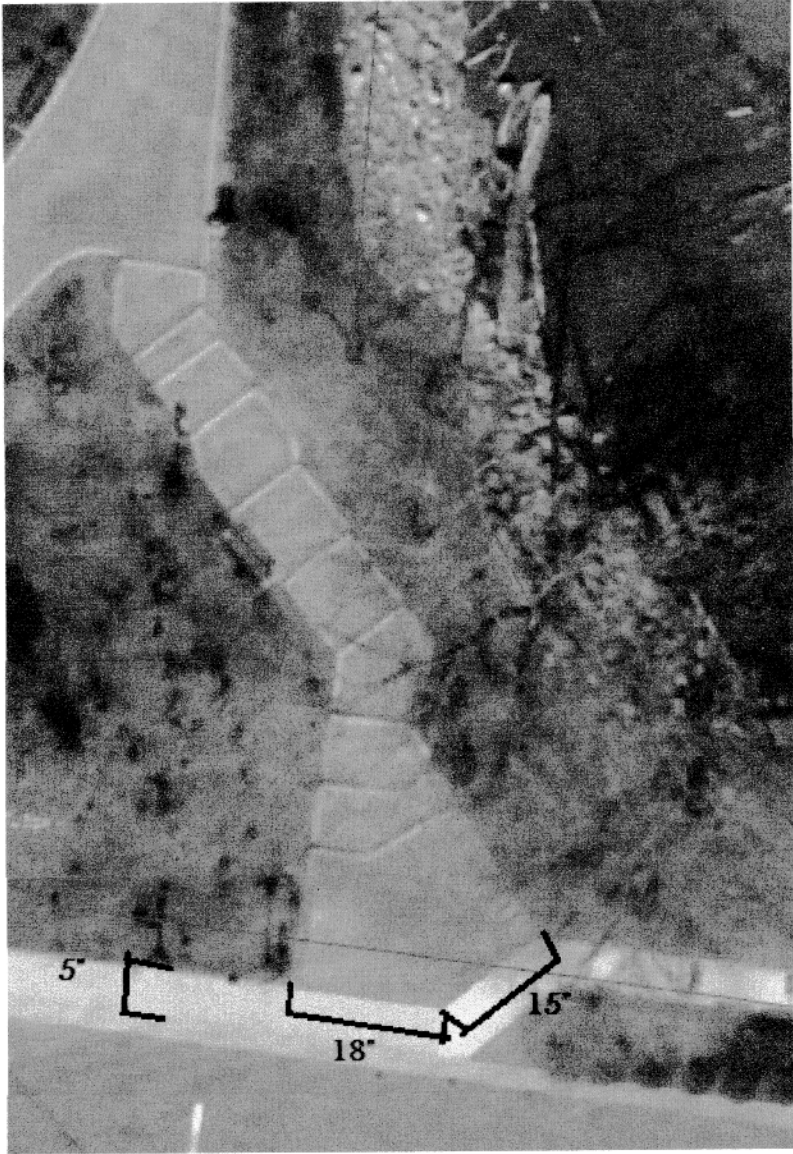
Randolph Avenue —  
and ~~Stuart~~ Stewart



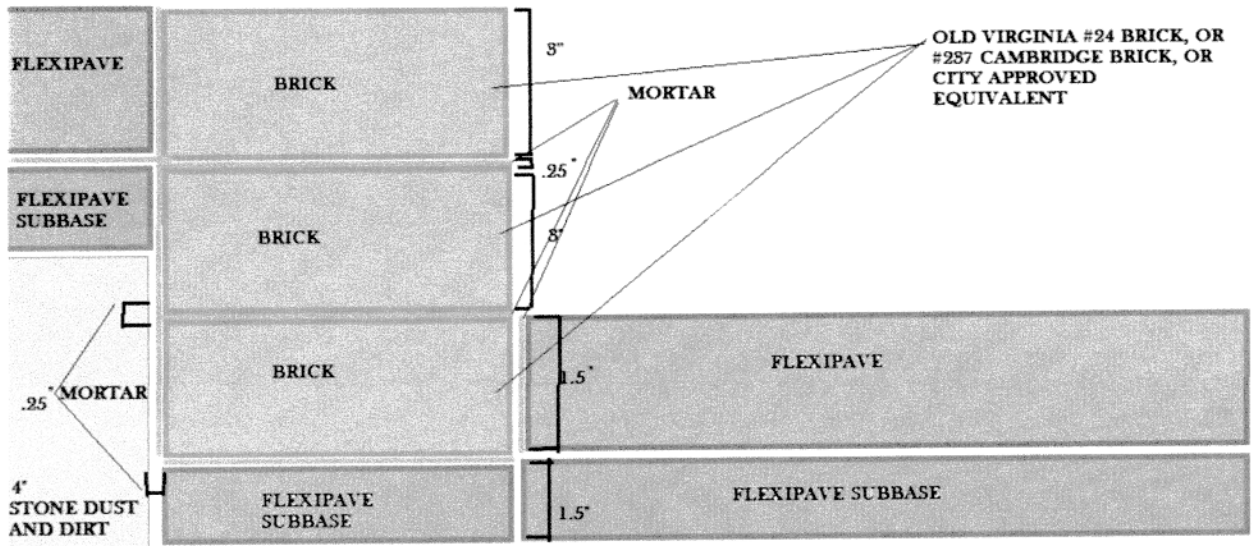


PENDELTON STREET

121" PIPE



Attachment 3



Attachment 4

