

**GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES**

**DESIGN-BUILD SERVICES  
PLAY AREAS AT FOREST HILLS PARK AND ROSE PARK**

**Solicitation #: DCAM-14-CS-0106**

**Addendum No. 6  
Issued: March 10, 2014**

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This Addendum Number 06 is issued by e-mail on March 10, 2014. Except as modified hereby, the Request for Proposals (“RFP”) remains unmodified.

**Item #1**

**Requests for Information:** Below is a list of questions and the Department’s responses:

Forest Hills Park

1. Concept drawing shows several curved seating benches. The SOW did not mention curved benches in the Site Furnishings section nor was there a spec provided. Will a spec be provided by DPR? **Response: Yes, Offerors should include eight (8) radius benches in its proposal. The benches should be Victor Stanley model FRB-2, 6’ long, in ground mount, or an approved equivalent.**
2. It appears that there is a retaining wall required and shown in the concept plan that is not noted or mentioned in the scope (along the NE side of the playground area). Please confirm if this to be included in the scope of work and if so, what material? **Response: Yes, this is a retaining wall and it should be made of concrete. Sections of the wall should allow the public to sit on it.**
3. Fencing Scope of work suggests new VCL fence around the playground. Typically ornamental iron fence is used for this application, is there a reason the chain link was specified? **Response: VCL fencing is onsite and the Owner is aiming for cost savings.**
4. Are standard (e.g. painted, extruded aluminum) handrails acceptable for the ADA ramp or will DPR require specialized handrails? **Response: If handrails are needed, the handrail shall be fabricated from steel and be powder coated, 1-1/2” diameter. All handrails must conform to Section 505 of the ADA standards for accessible designs.**
5. Please clarify what material is desired for the “sand table”. **Response: The Design-Builder shall install an elevated sand table equivalent to Landscape Structure Model #136233.**
6. Concept plan shows 3 semi-circular benches, but these are not mentioned in the RFP. Please clarify whether these should be included in the pricing and if so, what is DPR’s desired style/manufacturer/model for these benches? **Response: Yes, Offerors should include the cost of eight (8) radius benches in their pricing. The benches should be Victor Stanley model FRB-2, 6’ long, in ground mount, or an approved equivalent.**
7. Please clarify whether DPR wants seed and straw or sod for the grass areas. **Response: All areas that are disturbed during construction and any new areas shall be**

**replaced with vegetation that complies with DDOE sediment and erosion control standards.**

8. Please clarify the desired height and materials for the 'chart art wall' described in the RFP. **Response: DGS desires for the wall to be high enough for a multitude of users from kids to adults. The chart wall is a part of the retaining wall ramp leading to the playground. This retaining wall is constructed from concrete. There shall be an inset in the chart wall to hold a sufficient amount of chalk for public use. The wall shall have 800 square feet of writing space and use chalkboard paint to achieve it.**
9. Play area and deck include several planted areas. Does DPR want a railing, curb or other barrier installed around these planted areas? If so, please provide additional information on what type of barrier is desired. **Response: The Design-Builder shall install a four (4') foot vinyl chain link fence which will act as a railing/barrier on the backside of the deck. The plantings in the play areas shall have a concrete curb surrounding it. The deck will be built around the existing tree.**
10. Please clarify the existing memorial location. **Response: The existing memorial can be found at the entrance of Chesapeake Street. Before construction commences, DGS and DPR will confirm the location of the memorial after construction is completed. The Design-Builder shall protect the existing memorial during construction and relocate the memorial to the permanent location. In addition, there are several dozen memorial bricks at the entry way that the Design-Builder needs to salvage and reuse. DGS will the identify location once the Design-Builder is selected.**
11. Concept drawing shows a curved grey strip extending from the New Entry/stroller parking area (item 1) past the omnispinner, along the water fountain and then connecting to the Play and Maintenance Entry (item #10). The strip appears to widen at the omnispinner. Please clarify whether this is meant as a retaining wall, curb, or seat wall feature. **Response: Yes, this is a retaining wall and it should be made of concrete. Sections of the wall should allow the public to sit on it.**
12. Please provide existing electrical load capacity on site. Please provide the park's last 12-month electric usage history, including monthly demand in kW. This information is needed to evaluate the park's electrical system spare capacity, since we are adding lighting, to determine whether additional capacity is required. **Response: See the attached Forest Hills Park twelve month electricity usage data spreadsheet.**
13. Are there any existing sprinkler/irrigation systems in place? If so, can DGS provide as built? Please advise whether any DGS would like any new irrigation installed. **Response: No irrigation currently exists at this site. DGS would not like to install any new irrigation.**
14. The new entry way along Chesapeake St., shows what looks to be a concrete retaining wall along the ADA ramp and a wall or fence traveling along the North West side to the play & maintenance entry area. Is that a wall or a fence traveling to play & Maintenance entry? If it's a wall, is it concrete or masonry? **Response: Yes, this is a retaining wall and it should be made of concrete. Sections of the wall should allow the public to sit on it.**
15. Conceptual plan shows continuous EPDM around all play areas and the track. The 3-D rendering shows some areas as artificial or natural turf that are shown as PIP in the conceptual drawing. Please clarify whether bidders should price these areas as PIP or include some portion as turf. If turf, please clarify whether natural turf or artificial turf is

preferred. **Response: The Design-Builder shall follow the conceptual plan and install 100% EPDM around all play areas and 50/50 EPDM around the track. At the location of the sand table, the Design-Builder shall install artificial turf.**

16. Please clarify desired materials for proposed “sand table”. Conceptual drawing shows this area in blue; 3-D rendering shows this area as grass or artificial turf. Please clarify whether DPR prefers natural or manufactured/artificial boulders for Sand Table border. **Response: The Design-Builder shall install an elevated sand table equivalent to Landscape Structure Model #136233. The area surrounding the sand box and sand table is artificial grass. The Design-Builder shall use natural river boulders approximately 1 ton, 3’x3’2’. Attached is a photo for reference.**
17. There is an existing 4’ high black vinyl coated chainlink fence surrounding the full playground at Forest Hills and a green ornamental fence along the west side of the playground. Does DGS want this fencing removed and replaced with a new 4’ high vinyl coated chain link fence? **Response: DGS desires for the vinyl coated chainlink fence surrounding the playground removed but the green ornamental fence along the west site of the playground to remain.**
18. Conceptual plan shows 3 single swing gates around play area and 2 double swing gates. RFP requests 2 gate openings “as shown on conceptual”. Please clarify whether the two gate openings are to be single swing or double swing. **Response: The Design-Builder shall furnish and install three single gate openings at the following locations: (1) the northern end of the playground; (2) the eastern end of the playground; and (3) the half basketball court. The Design-Builder shall additionally furnish and install one double gate at the eastern entrance to the playground.**
19. Conceptual shows several radius benches which are not described in RFP. Should bidders include this cost in the proposal? **Response: Yes, Offerors should include eight (8) radius benches in their pricing. The benches should be Victor Stanley model FRB-2, 6’ long, in ground mount, or an approved equivalent.**

#### Rose Park

20. Are we to add handrails at all stairs? None are currently onsite. **Response: Yes, handrails are to be added to all of the stairs. All handrails must conform to Section 505 of the ADA standards for accessible designs.**
21. For the boulders at the sandbox, please clarify whether DPR seeks natural stones or manufactured/engineered play boulders that resemble natural stones. **Response: DPR seeks natural river boulders approximately 1 ton, 3’x3’2’. Attached is a photo for reference.**
22. Sandbox & “sand table” are not shown on the DPR Conceptual Plan, but there is a sandbox on the LSI drawing, labeled “by others”. Please confirm whether the sandbox and “sand table” shown in the LSI concept design meet DPR’s design vision. Please clarify what material is desired for the “sand table”. Please confirm DPR’s desired size and depth for the sandbox and sand table. **Response: Yes, the sandbox and the sand table meet DPR’s design vision. The sand table shall be an elevated sand table equivalent to Landscape Structures Model #136233. The border of the sandbox is a combination of natural boulders and a concrete curb. The curb shall be 2” inches higher in elevation than Engineering Wood Fiber, but shall not cause any trip**

**hazards. The border shall be high enough to contain the sand and prevent the EWF from getting into the pit.**

23. RFP includes two different Dumor bike rack styles. Please clarify which bike rack DPR prefers. **Response: The Design-Builder is to use Dumor 188-5 as its bike rack style.**
24. RFP calls for two new picnic tables and two new game tables, however, the concept drawing shows four new game tables only. Please clarify. If picnic tables are required, what size table is required and how many tables should be ADA accessible? **Response: Please install two (2) new game tables and two (2) picnic tables. The tables in the RFP (Dumor Series 62-861 or approved equivalent) should suffice.**
25. Please clarify existing electrical load capacity available on site. Please provide the park's last 12-month electricity usage history, including monthly demand in kW. This information is necessary to evaluate the park's electrical system spare capacity, since we are adding lighting, and to determine whether additional capacity will be required. **Response: See the attached Rose Park twelve month electricity usage data spreadsheet.**
26. Are there any existing sprinkler/irrigation systems in place? If so, can DGS provide as built? Please advise whether any DGS would like any new irrigation installed. **Response: No, there are no existing sprinkler/irrigation systems in place and DGS would not like to install any new irrigation systems.**

#### Sherwood Recreation Center

27. The parking lot scope of work suggests a mill and overlay at both existing asphalt lots. However, the lot nearest to the school has a good amount of concrete pavement. Please clarify DPR's intent for that concrete surface (i.e. replace, repair, leave as-is)? **Response: DGS requests all bidders to provide an add/alternate for the replacement of the concrete surfacing. Please see revised bid form attached (note: this is a new add/alternate #10).**
28. Add/alternate #10 suggests installation of 6-8" curb between the plantings and play surface around the play area. This is the recommended installation method... should we price the base scope without this concrete edge limit even though this is the regular standard? **Response: Price the base scope as follows – provide a 6-8" wide curb at grade with play surface around the play area. DGS withdraws the old add/alternate #10. Please see revised bid form attached.**
29. Please provide further detail/clarity for the landscaping fencing proposed as add/alt #11 (i.e. height, material, etc.). **Response: DGS withdraws add/alternate #11. Please see revised bid form attached.**
30. Is it required that the existing playground equipment be demolished prior to the stated Substantial Completion date August 2<sup>nd</sup>. It mentions that this work should occur after the new playground is turned over to DPR. This will also impact the milling and repaving of the parking lot, which shouldn't be performed until after the demolition and removal of the existing playground. **Response: Both the playground and the school parking lot must be completed by August 2, 2014. The Design-Builder will have to work with the school and the DPR project manager to schedule the improvements accordingly as the school has summer camp from June 23, 2014 to July 4, 2014 and July 28, 2014 to August 8, 2014. The school is aware of the pending improvements and will work with the team to adjust accordingly.**

31. Concrete retaining wall at SWS parking lot ramp is damaged. Does this need to be repaired, replaced, or left as-is? **Response: The damaged concrete retaining wall is to be replaced.**
32. Please provide as-builts or other drawing showing existing irrigation system heads and piping at Sherwood Park. **Response: See the attached As-Builts for Sherwood.**
33. RFP calls for new fencing; conceptual drawing shows reuse of existing fencing. Please clarify whether DPR intends for existing fencing to be reused or new fencing to be installed. **Response: DGS intends to use new fencing Aberdeen 3-loop fence.**
34. RFP calls for photometric study of park, but does not ask bidders to include any new lighting in proposals and does not direct bidders to furnish and install adequate lighting to meet a 0.5 foot candle level. Please confirm that DGS does not want any new lighting in Sherwood Park. **Response: The RFP calls for lights to be reinstalled and reused.**
35. Concept plan shows analemmatic sundial with colored concrete, but colored concrete is not mentioned in RFP. Please clarify whether colored concrete is desired for this feature. **Response: Stamped concrete is to be provided at the analemmatic sundial.**
36. Does DPR want a chalkboard, trike storage, and bench lockers included in the proposal? These items are called out in conceptual but not described in RFP. **Response: Yes.**
37. Please provide the two automatic entry gate locations. Multiple gates shown on conceptual, but plan does not indicate which ones are to become automatic gates. **Response: The proposed locations for the programmable gates are shown on the attached document. The existing gate between the school and the playground should remain as is. It does not need to be a programmable gate.**
38. Please provide a cut sheet for desired metal landscaping fencing. **Response: The metal landscaping fencing has been removed from the scope of work.**
39. Please clarify – RFP calls for fencing to match existing but conceptual calls for Aberdeen 3-loop fence. Which fencing does DPR want bidders to include? **Response: DGS intends to use new fencing Aberdeen 3-loop fence.**
40. How many bollards should bidders include in proposal? **Response: Bidders should include four (4) bollards evenly spaced.**

## **Item #2**

**Rose Park Phase 1 Archaeological Survey Statement of Work:** Attached is the statement of work to perform a Phase 1 Archaeological Survey of Rose Park in the event the Department desires to exercise this add/alternate.

## **Item #3**

**Post Mounted Playground Rules Sign Standard Design:** Attached is the post mounted playground rules standard design.

## **Item #4**

**The bid date is hereby changed.** Proposals are due by **March 14, 2014 at 2:00 pm EST.** Proposals that are hand-delivered should be delivered to the attention of: Annmarie McQueen, Contract Specialist, at **Frank D. Reeves Center, 2000 14th Street, NW, 8<sup>th</sup> floor, Washington, DC 20009.**

- End of Addendum No. 6 -

# Forest Hills Park Energy Usage Spreadsheet

**Forest Hills Park Electric Data - January 2013 to January 2014**

From	To	No. Days IN Billing Period	PEPCO Current Charges	WGES ENERGY Current Charges	TOTAL Current Charges	Total Amt. Due PEPSCO & WGES ENERGY	Distribution Charges	Total	OFF PEAK DEMAND
4-Dec-12	5-Jan-13	32	22.90	9.13	32.03	6.79	22.90	22.90	130
5-Jan-13	4-Feb-13	30	22.87	9.67	32.54	39.33	22.87	22.87	130
4-Feb-13	5-Mar-13	29	20.90	5.21	26.11	58.65	20.90	20.90	70
5-Mar-13	4-Apr-13	30	22.36	8.18	30.54	56.65	22.36	22.36	110
4-Apr-13	3-May-13	29	22.45	8.18	30.63	61.17	22.45	22.45	110
3-May-13	5-Jun-13	33	23.52	8.93	32.45	63.08	23.52	23.52	120
5-Jun-13	3-Jul-13	28	23.61	8.93	32.54	64.99	23.61	23.61	120
3-Jul-13	2-Aug-13	30	24.50	10.42	34.92	67.46	24.50	24.50	140
2-Aug-13	3-Sep-13	32	24.06	9.67	33.73	68.65	24.06	24.06	130
3-Sep-13	3-Oct-13	30	23.58	8.93	32.51	101.16	23.58	23.58	120
3-Oct-13	1-Nov-13	29	22.13	7.44	29.57	62.08	22.13	22.13	100
1-Nov-13	4-Dec-13	33	20.62	4.46	25.08	87.16	20.62	20.62	60
4-Dec-13	7-Jan-14	34	20.64	4.46	25.10	50.18	20.64	20.64	60

## Natural River Boulder Photograph



**RIVER BOULDERS**

# Rose Park Energy Usage Spreadsheet

Rose Park Electric Data - January 2013 to January 2014

From	To	No. Days IN Billing Period	PEPCO Current Charges	WGES ENERGY Current Charges	TOTAL Current Charges	Total Amt. Due PEPCO & WGES ENERGY	Distribution Charges	Total	OFF PEAK DEMAND
4-Dec-12	5-Jan-13	32	61.78	127.33	189.11	367.64	61.78	61.78	1,246
5-Jan-13	5-Mar-13	59	231.32		231.32	231.32	125.37	231.32	2,393
5-Mar-13	4-Apr-13	30	28.91	22.88	51.79	406.30	28.91	28.91	291
4-Apr-13	3-May-13	29	55.25	74.03	129.28	181.07	55.25	55.25	995
3-May-13	4-Jun-13	32	66.90	84.00	150.90	280.18	66.90	66.90	1,129
4-Jun-13	3-Jul-13	29	70.63	87.68	158.31	309.21	70.63	70.63	1,195
3-Jul-13	2-Aug-13	30	89.48	120.75	210.23	368.54	89.48	89.48	1,623
2-Aug-13	3-Sep-13	32	89.61	121.12	210.73	420.96	89.61	89.61	1,628
3-Sep-13	3-Oct-13	30	65.18	79.98	145.16	566.12	65.18	65.18	1,075
3-Oct-13	1-Nov-13	29	65.10	92.33	157.43	302.59	65.10	65.10	1,241
1-Nov-13	4-Dec-13	33	69.77	101.04	170.81	473.40	69.77	69.77	1,358
4-Dec-13	7-Jan-14	34	72.32	105.35	177.67	348.48	72.32	72.32	1,416

## Revised Form of Offer Letter

Attachment B

[Offeror's Letterhead]

[Insert Date]

District of Columbia Department of General Services  
2000 14<sup>th</sup> Street, NW  
Washington, DC 20009

Att'n: Mr. Brian J. Hanlon  
Director

Reference: Request for Proposals  
Design-Build Services – Play Areas at Forest Hills Park and Rose Park

Dear Mr. Hanlon:

On behalf of [INSERT NAME OF BIDDER] (the "Offeror"), I am pleased to submit this proposal in response to the Department of General Services' (the "Department" or "DGS") Request for Proposals (the "RFP") to provide Design-Build services for Forest Hills Park and Rose Park. The Offeror has reviewed the RFP and the attachments thereto, any addenda thereto, and the proposed Form of Contract (collectively, the "Bid Documents") and has conducted such due diligence and analysis as the Offeror, in its sole judgment, has deemed necessary in order to submit its Proposal in response to the RFP. The Offeror's proposal, the Lump Sum Contract Price (as defined in paragraph A) and the add/alternate price (as defined in paragraph B) are based on the Bid Documents as issued and assume no material alteration of the terms of the Bid Documents. (Collectively, the proposal and the Lump Sum Contract Price (including Schedule of Values) and the add/alternate price are referred to as the "Offeror's Bid".)

The Offeror's Bid is as follows:

A. The Lump Sum Contract Price for Forest Hills Park is: \$ \_\_\_\_\_

The Lump Sum Contract Price for Rose Park is: \$ \_\_\_\_\_

The Lump Sum Contract Price for Sherwood Recreation Center is: \$ \_\_\_\_\_

A schedule of values for each of the Lump Sum Contract Prices is attached hereto.

The Offeror acknowledges and understands that the Lump Sum Contract Price is a firm, fixed price to fully complete the work described in the RFP and attachments thereto and that such amount includes funding for work which is not describe in the RFP and attachments thereto but which is reasonably inferable therefrom.

In addition to the Lump Sum Contract Prices set forth above, lump sum add/alternate prices for the add/alternate scope items outlined in the Bid Documents are as follow:

B. Forest Hills Park

<u>Add/Alternate 1</u> : Chalk art wall	\$ _____
<u>Add/Alternate 2</u> : Entry pergola	\$ _____
<u>Add/Alternate 3</u> : Solid color safety surfacing	\$ _____
<u>Add/Alternate 4</u> : Leaf-themed safety surfacing	\$ _____
<u>Add/Alternate 5 (Deduct)</u> : Stone dust for play track	\$ _____
<u>Add/Alternate 6</u> : Asphalt for play track	\$ _____
<u>Add/Alternate 7</u> : Permeable pavers	\$ _____
<u>Add/Alternate 8</u> : Asphalt	\$ _____
<u>Add/Alternate 9</u> : Ten foot chain-link fence	\$ _____
<u>Add/Alternate 10a</u> : Permeable pavers path	\$ _____
<u>Add/Alternate 10b</u> : Asphalt path	\$ _____
<u>Add/Alternate 10c</u> : Stone dust path	\$ _____
<u>Add/Alternate 11</u> : Tennis practice backboard	\$ _____
<u>Add/Alternate 12</u> : Art memorial	\$ _____

Rose Park

<u>Add/Alternate 1</u> : Fitness equipment	\$ _____
<u>Add/Alternate 2</u> : Segmented block / retaining wall	\$ _____
<u>Add/Alternate 3</u> : Phase 1 archeological survey	\$ _____

Sherwood Recreation Center

<u>Add/Alternate 1</u> : ADA accessible concrete ramp	\$ _____
<u>Add/Alternate 2</u> : Chain link fence fabric	\$ _____
<u>Add/Alternate 3</u> : Basketball goals	\$ _____
<u>Add/Alternate 4 (Deduct)</u> : 50/50 EPDM	\$ _____
<u>Add/Alternate 5</u> : New decorative entryway	\$ _____

Add/Alternate 6: Plant identification signs \$ \_\_\_\_\_

Add/Alternate 7: Interpretive sign at rain garden \$ \_\_\_\_\_

Add/Alternate 8: Additional automatic locking gate \$ \_\_\_\_\_

Add/Alternate 9: Semi-circle bench \$ \_\_\_\_\_

Add/Alternate 10: School parking lot concrete replacement\$ \_\_\_\_\_

The Offeror's Bid is based on and subject to the following conditions:

1. The Offeror agrees to hold its proposal open for a period of at least one hundred twenty (120) days after the date of the bid.
2. Assuming the Offeror is selected by the Department and subject only to the changes requested in paragraph 5, the Offeror agrees to enter into a contract with the Department on the terms and conditions described in the Bid Documents within ten (10) days of the notice of the award.
3. Both the Offeror and the undersigned represent and warrant that the undersigned has the full legal authority to submit this bid form and bind the Offeror to the terms of the Offeror's Bid. The Offeror further represents and warrants that no further action or approval must be obtained by the Offeror in order to authorize the terms of the Offeror's Bid.
4. The Offeror and its principal team members hereby represent and warrant that they have not: (i) colluded with any other group or person that is submitting a proposal in response to the RFP in order to fix or set prices; (ii) acted in such a manner so as to discourage any other group or person from submitting a proposal in response to the RFP; or (iii) otherwise engaged in conduct that would violate applicable anti-trust law.
5. The Offeror's proposal is subject to the following requested changes to the Form of Contract: [INSERT REQUESTED CHANGES. OFFERORS ARE ADVISED THAT THE CHANGES SO IDENTIFIED SHOULD BE SPECIFIC SO AS TO PERMIT THE DEPARTMENT TO EVALUATE THE IMPACT OF THE REQUESTED CHANGES IN ITS REVIEW PROCESS. GENERIC STATEMENTS, SUCH AS "A MUTUALLY ACCEPTABLE CONTRACT" ARE NOT ACCEPTABLE. OFFERORS ARE FURTHER ADVISED THAT THE DEPARTMENT WILL CONSIDER THE REQUESTED CHANGES AS PART OF THE EVALUATION PROCESS.]
6. The Offeror hereby certifies that neither it nor any of its team members have entered into any agreement (written or oral) that would prohibit any contractor, subcontractor or subconsultant that is certified by the District of Columbia Office of Department of Small and Local Business Enterprises as a Local, Small, Resident Owned or Disadvantaged Business Enterprise (collectively, "LSDBE Certified Companies") from participating in the work if another company is awarded the contract.

Mr. Brian J. Hanlon

[DATE]

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7. This bid form and the Offeror's Bid are being submitted on behalf of [INSERT FULL LEGAL NAME, TYPE OF ORGANIZATION, AND STATE OF FORMATION FOR THE OFFEROR].

Sincerely,

By: \_\_\_\_\_

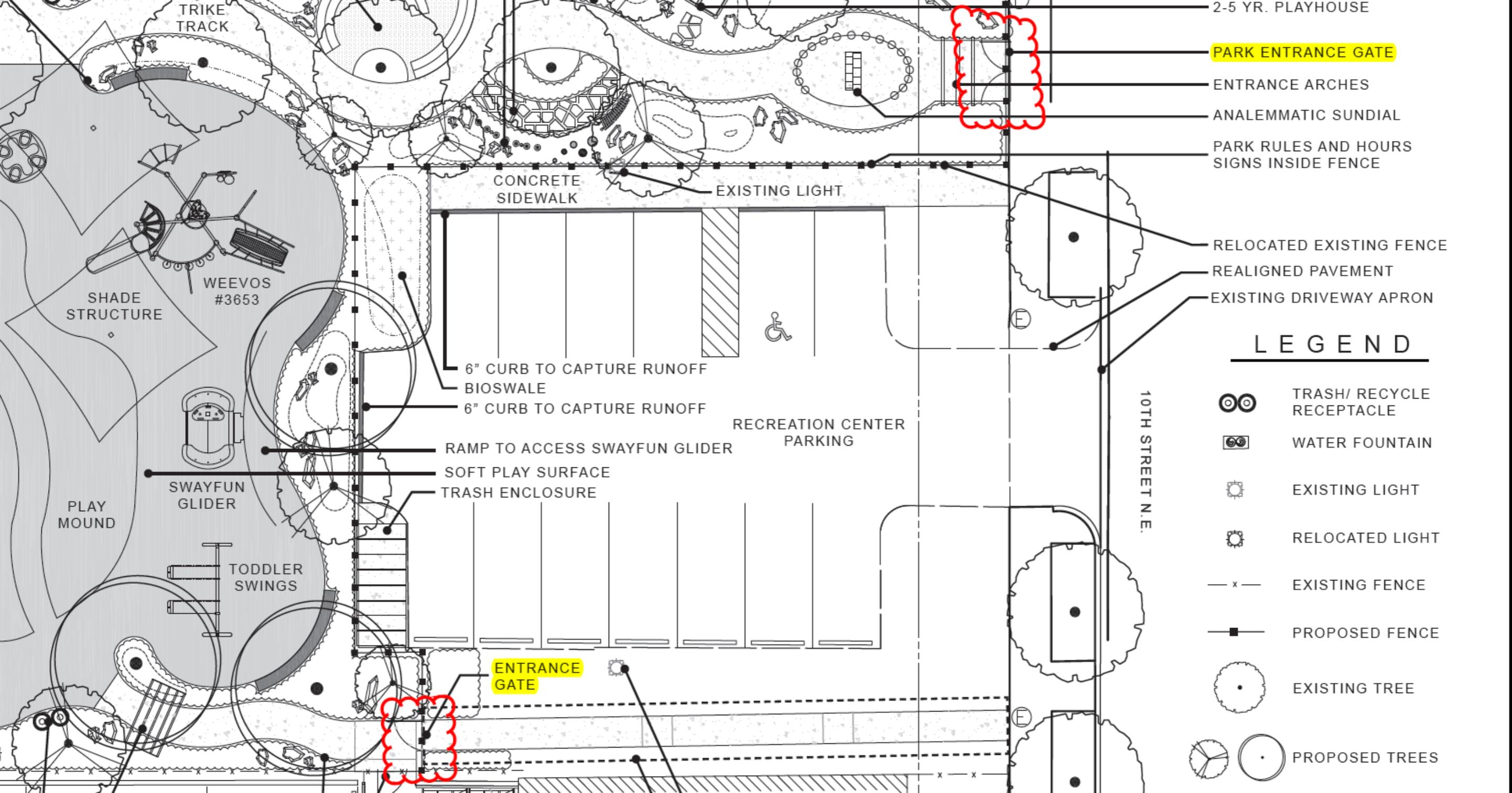
Name: \_\_\_\_\_

Its: \_\_\_\_\_

Sherwood Recreation Center As-Builts



## Sherwood Recreation Center Programmable Gate Locations



TRIKE TRACK

2-5 YR. PLAYHOUSE

**PARK ENTRANCE GATE**

ENTRANCE ARCHES

ANALEMATIC SUNDIAL

PARK RULES AND HOURS SIGNS INSIDE FENCE

CONCRETE SIDEWALK

EXISTING LIGHT

RELOCATED EXISTING FENCE

REALIGNED PAVEMENT

EXISTING DRIVEWAY APRON

SHADE STRUCTURE

WEEVOS #3653

**LEGEND**

☉☉ TRASH/ RECYCLE RECEPTACLE

☉ WATER FOUNTAIN

☼ EXISTING LIGHT

☼ RELOCATED LIGHT

— x — EXISTING FENCE

— ■ — PROPOSED FENCE

● EXISTING TREE

● ○ PROPOSED TREES

6" CURB TO CAPTURE RUNOFF BIOSWALE

6" CURB TO CAPTURE RUNOFF

RECREATION CENTER PARKING

RAMP TO ACCESS SWAYFUN GLIDER

SOFT PLAY SURFACE

TRASH ENCLOSURE

SWAYFUN GLIDER

PLAY MOUND

TODDLER SWINGS

**ENTRANCE GATE**

10TH STREET N.E.

# Rose Park Phase 1 Archaeological Survey Statement of Work

## **Project Data Request - Archaeology**

Project Location: **Rose Park, 2600 O Street, NW, Washington, D.C.**  
Project Title: **Rose Park, NW, Washington, D.C.**  
Landmark/District: **Georgetown HD & Rock Creek & Potomac Parkway**  
Received: **February 19, 2014**  
Requestor: **Shilpa Khatri, PM for DGS**  
Agency: **DGS & DPR**  
Staff Reviewer: **Ruth Troccoli, Ph.D., SHPO Archaeologist**  
**Chardé Reid, Assistant Archaeologist**

### **Project Description:**

Playground renovations at Rose Park. If the level of proposed disturbance will not penetrate the deep artificial fill layers at this park then additional archaeological survey would not be warranted.

### **Resource Potential:**

Archaeological survey has been conducted (Report 136 & 137) on Reservation 360, Rose Park, and although there is believed to be a site within the boundaries of the park it was not re-identified during those surveys. Engineering-Science conducted a Phase I reconnaissance level survey in 1984 and recommended further study due to the high possibility of prehistoric habitation sites and the potential presence of historic (17<sup>th</sup> and early 18<sup>th</sup> century) sites located within the park grounds (Artemel et al. 1984:38).

In 1986 Engineering-Science returned to the park to perform a Phase II survey. The survey consisted of 114 shovel test pits across the park, 43 in the southern area of the park (Area A), 67 in the north and north west section of the park (Area B), and 4 in the mid-section (Area C) of the park (Crowell et al. 1986:42). No intact living surfaces were reached in Area A, but the fill encountered contained mixed 18<sup>th</sup> to 20<sup>th</sup> century artifacts (Crowell et al. 1986:42). It is believed that Area A was likely built up with an excess of five feet of fill during the construction of Dumbarton Street. The area may have also been altered during the construction of Rock Creek Parkway and/or the recreation center (Crowell et al. 1986:42). Similar results and evidence of deep fills were produced from testing in Area B: living surfaces of archaeological interest would most likely be encountered at depths of 8 to 10 feet deep below the current level of P Street (Crowell et al. 1986:42). A high concentration of ash was in the fill from Area C and no intact surfaces were encountered there (Crowell et al. 1986:42). Due to the difficulty reaching natural surfaces with hand tools, Engineering-Science recommended further archaeological study using "heavy machinery" prior to any construction within the park (Crowell et al. 1986:42).

The area around the park would have been favorable for human occupation throughout the prehistoric, contact, and historic periods, and remains from all periods are expected where subsequent development has not caused a loss of

resources. Early farms and plantations have a high probability to be present in the area because of proximity to Rock Creek. Intact prehistoric resources, both shallow and deeply buried ones are present in the area. The Potomac River and Rock Creek stream terraces and floodplains were excellent locations for finding prehistoric artifacts in the late 19<sup>th</sup>-early 20<sup>th</sup> centuries and the Natural Museum of Natural History, Smithsonian Institution has large collections from the area. Lithic quarries may be present in upland stream valleys. Soils are present in or near the project area that may date from the Paleoindian time period, identified on the Figure 2 as “potential paleosols”; these areas may warrant deep testing. See Wagner (2011) for some background on the subject.

Archaeological survey in locations where deeply buried resources may be present usually begins with geoarchaeological testing. This is a minimally-destructive, efficient, and cost-effective way to quickly identify whether buried deposits with archaeological potential are present. Locations that have been buried with fill, either purposely or through natural processes may warrant deep testing if the limits of disturbance of the project extend to potentially intact soil horizons beneath the fill. Mechanical testing may be needed to penetrate the fill or other deposits. See Wagner et al. (2011) for some background on the subject. Traditional shovel testing and similar means of site identification can be used in locations where the base of the fill is within the reach of hand-excavated tests. Close coordination with the DC City Archaeologist is needed to develop an acceptable work plan.

If investigations are warranted for a future project, testing would likely entail use of a backhoe or similar mechanical equipment with possible geoarchaeological consultation preceded by GIS cut-and-fill analysis. Should remains from historic houses be identified, detailed historical research into the composition of households would be needed to determine if any of the identified properties merit intensive survey, or to establish a sampling strategy.

See *Historic Contexts for the District of Columbia* (1991) for a summary of historic contexts applicable to Washington, D.C. For recent prehistoric overviews see Berger (2008) and Knepper et al. (2006) (Reports 352 and 201).

#### **Resource Data:**

Below is a GIS map (Figure 1) showing historic resources within approximately one-half mile of the project area boundary and two data tables (Tables 1-2), followed by a list of report references. The map includes historic districts, archaeological sites (as points only), and polygons showing archaeological surveys. Basic archaeological site data are shown in Table 1. The survey polygons are keyed to the survey report number, which can be looked up in the survey data (Table 2) below, outlining project information. A second map (Figure 2) shows sites, Civil War fort locations, potential paleosols, and historic stream courses based on the 1888 USC&GS topos.

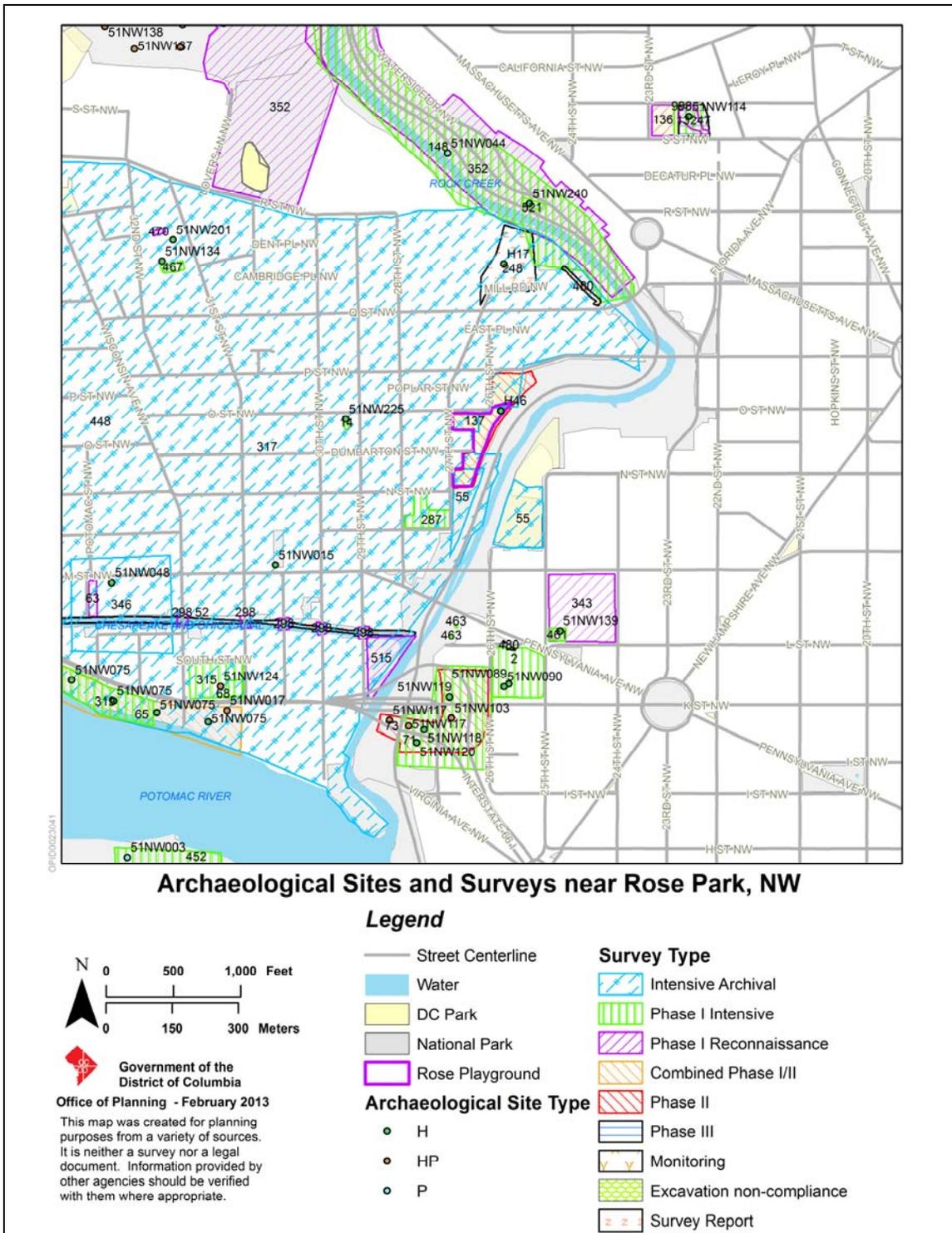
Please note that all levels of archaeological survey are included on Figure 1; the presence of a survey polygon does not imply that the survey depicted has identified all archaeological resources present, or that the survey complied with or met District and/or Federal standards for conducting archaeological investigations. A second caution is also in order regarding archaeological sites; precise locations do not exist for many of the prehistoric sites reported in the late 19<sup>th</sup>-through mid-20<sup>th</sup> centuries. The point locations shown for the early sites are approximations only and many have not been ground-truthed or even relocated. Temporary archaeological sites numbers, e.g., P14, P15, H12, are provisional numbers for locations that may warrant assigning a trinomial, but additional research and/or documentation is needed or pending. The site data are also keyed to the list of reports. The report references are in SAA format but are in report number order.

Please contact me if you have any questions of need additional information, site forms, or survey reports. See the DC HPO web site for information on other historic resources:

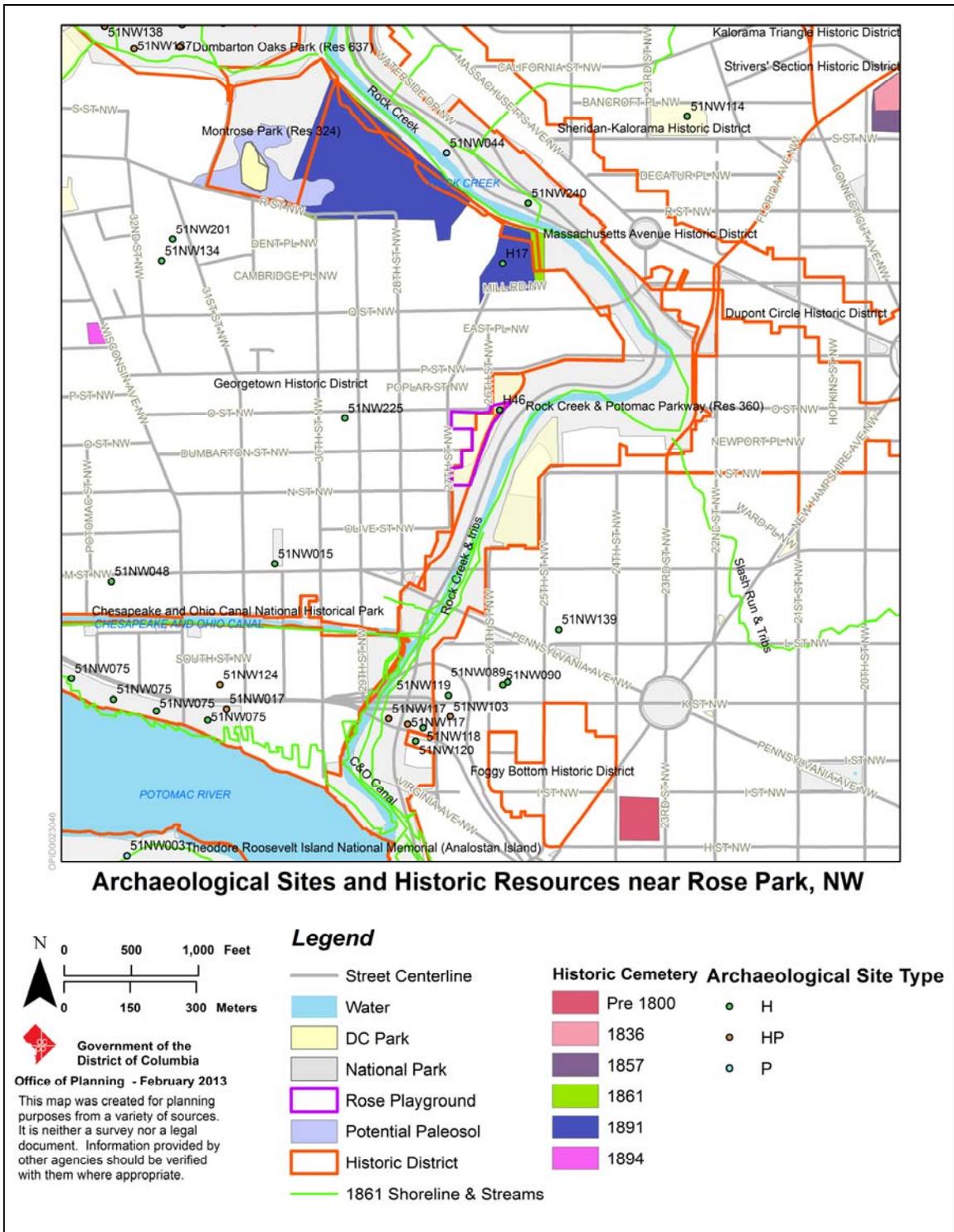
<http://planning.dc.gov/DC/Planning/Historic+Preservation/Preservation+Services/For+ANCs++and+Communities/Archaeology>

Please see the annotated 1998 *Guidelines for Conducting Archaeological Investigations in the District of Columbia* for more information. It is available on the Historic Preservation Office web site:

<http://planning.dc.gov/DC/Planning/Historic+Preservation/Preservation+Services/For+ANCs++and+Communities/Archaeology/DC+Archaeology+Guidelines>



**Figure 1.** GIS map showing historic resources within a half mile of Rose Park; data are keyed to tables 1-2, below.



**Figure 2.** Historic stream courses and soils with paleosol potential (cf. Wagner 2011; streams reconstructed from the 1861 Boschke topo map).

**Table 1. Archaeological Sites**

Site #	Location	Report #	Reference	Site Name	Project	Site Type	NRHP Status	Time Period
51NW015	Wisconsin & M Sts (3051 M St NW)	None	NPS	Old Stone House		H	Listed	18th century
51NW017	Square 1174, Lots 1-7, 10.	65, 66	Engineering-Science 1985, 1987	?	Georgetown Waterfront Park	HP	Eligible?	UID Prehistoric, 18th, 19th, 20th cent
51NW044	Rock Creek/E of Oak Hill Cemetery	None	D.L. Gill-Smithsonian?	None	None	P		Destroyed
51NW075	Square 1174	66	Engineering-Science 1987	Georgetown Waterfront	Georgetown Waterfront Park	H	Not evaluated?	18th 19th & 20th cent; resident, commerce, & industry
51NW089	2521 K St., Sq. 15, lot 802. Cooper Houses	2	Milner 1990	2521 K St.	Cooper Houses	H	Not evaluated?	19th & 20th century
51NW090	2523 K St., Sq. 15, lot 803 Cooper Houses	2	Milner 1990	2523 K St.	Cooper Houses	H	Not evaluated?	19th & 20th century
51NW103	Whitehurst Fwy. Foggy Bottom	201, 202	Parsons/Versar 2006 I, II	Peter House/ Whitehurst Fwy	Whitehurst Fwy	HP	Eligible	MA, MW, LW, 18th c., 19th c.
51NW114	East end Mitchell Pk, Sq. 2529, btwn. Bancroft Pl. & S.St.	247, 13	ATC 2000 Hill; Thunderbird 1980	Anthony Holmead House	Ph. III Mitchell Park	H	Listed	18th & 19th century; farm, domestic
51NW117	Whitehurst Fwy. Foggy Bottom	201, 202	Parsons/Versar 2006 I, II	Ramp 3/ Whitehurst Fwy	Whitehurst Fwy	HP	Eligible D	MW, LW
51NW117	aka 51NW117W Whitehurst West area of site. Foggy Bottom	201, 202	Parsons/Versar 2006 I, II	Whitehurst West/ Whitehurst Fwy	Whitehurst Fwy	HP	Eligible D	LA, MW, LW

Site #	Location	Report #	Reference	Site Name	Project	Site Type	NRHP Status	Time Period
51NW118	Whitehurst Fwy. Foggy Bottom	202	Parsons/Versar 2006 II	Planing Mill/ Whitehurst Fwy	Whitehurst Fwy	H	Not eligible	19th century
51NW119	Whitehurst Fwy. Foggy Bottom	202	Parsons/Versar 2006 II	Brewery/ Whitehurst Fwy	Whitehurst Fwy	H	Not evaluated?	19th century
51NW120	Whitehurst Fwy. Foggy Bottom	201	Parsons/Versar 2006 II	Lime Kiln/ Whitehurst Fwy	Whitehurst Fwy	H	Not evaluated?	19th century
51NW124	Wisconsin Ave. /K St./South & M Sts NW. Former incinerator location.	314,315 ,68	Louis Berger Group 1999	Georgetown Incinerator	Private	HP	Not evaluated?	LW, 18th 19th & 20th cent; domest, comm, indust
51NW134	Tudor Place/1644 31st St NW	None	Milner	Tudor Place	Private	H	Listed	18th, 19th, 20th century, domestic
51NW139	2425 L Street, NW Columbia Hospital for Women	461, 343	Berger 2004 O'Neill &Griffitts	Columbia Hospital for Women	D.C./Local Law	H	Not Eligible	19th, 20th cent; domestic, hospital
51NW161	Montrose Park, demolished 19th- c. estate house location	352	Berger 2004, 2006	unnamed Montrose Park Historic	NPS Rock Creek Park Survey	H	Unevaluated	Estimated 1823-1892, domestic
51NW201	Tudor Place grounds	?	still waiting	? Tudor Place groud	?Drainage lines	H	Property is an NRHP-listed & an NHL	
51NW225	2906 O St., NW Mt. Zion UMC Community House, SSL 1241 113	14	AU Sorenson, Chase, Evans 1984		CFA	H	Not evaluated.	19th century

**Table 1, continued.**

Site #	Location	Report #	Reference	Site Name	Project	Site Type	NRHP Status	Time Period
51NW240	Foundation is in median of Rock Creek Pkwy at Waterside Dr.	521	Berger 2012 (Bedell & Shellenhamer ...	Lyons Mill	Waterside Dr Ramp	H	Rec. Eligible	1785-1877 (from NPS ASMIS form)
H17	26 & Q Sts. Just east of Oak Hill Cemetery	248	Mt. Zion Cemetery Report	Mt. Zion/ Female Union Band Cemetery	Mt. Zion Cemetery	H	Grant?	
H46	Rose Park at kiddie playground	n/a	Troccoli site visit 2008			H	unevaluated	historic brick foundation or walkway of indeterminate age

**Table 1, continued.**

**Table 2. Archaeological Surveys.**

Survey Area Name	Project Type	Report #	Related Report	Agency	Who By	Mandate	Squares
Cooper Houses, Square 15, lots 802-803	Phase I Intensive	2	0	Bronberg, Inc.	Milner 1990 (Seifert)	?	15, lots 802-803
Mitchell Park	Phase I Intensive	13	247, 136	DC DPR	Thunderbird 1980 (Verrey & Gardner)	DC HPA?	2529
Mt. Zion United Methodist Church Community House SSL 1241 113	Phase I Intensive	14	0	CFA	American University 1984 (Sorenson, Chase & Evans)	CFA	1241
C & O Canal prism desilting monitoring	Survey Report	52	0	NPS	NPS 1981 (McGarry)	Section 106	
Crosstown Watermain Parcel 2, Rose & ROCR parks. High potential for prehistoric & some historic potential	Intensive Archival	55	56	DC WASA?	Thunderbird 1981 (Fehr)	Section 106	1216-1217, 1237

Survey Area Name	Project Type	Report #	Related Report	Agency	Who By	Mandate	Squares
Crosstown Watermain Parcel 3, Francis Park. High potential for prehistoric & some historic potential	Intensive Archival	55	56	DC WASA?	Thunderbird 1981 (Fehr)	Section 106	13
Georgetown Waterfront Park; btwn Wisconsin & 31 St., South of K St	Combined Phase I/II	65	66, 319	NPS	Engineering-Science 1985	Section 106	1174
Georgetown Incinerator Search for Suter's Tavern. (A later tavern was present, NOT Suter's)	Phase I Intensive	68	314, 315	DMPED or predecessor	Garrow 1986 (Garrow & Read)	OGB or DC HPA?	1189
Whitehurst Freeway Ph. I - Foggy Bottom	Phase I Intensive	71	73, 225, 201, 202, 228, 227, 224	DC DPW, FHWA	Engineering-Science 1991(Artemel et al.)	Section 106	
Whitehurst Freeway Ph. II - Foggy Bottom	Phase II	73	71, 201, 202, 228, 227, 224	DC DPW, FHWA	Engineering-Science 1993 (Glumac et al.)	Section 106	NPS - ROCR
Mitchell Park	Phase I Reconnaissance	136	247, 13	DC Parks and Recreation (DPR)	Engineering-Science 1984 (Artemel et al.)	DC HPA?	2529
Rose Park Playground	Phase II	137	136	DC Parks and Recreation (DPR)	Engineering-Science 1986 (Crowell et al)		
Rock Creek Park Erosion Control	Phase I Reconnaissance	148	425, 352, 485	NPS	NPS 1985 (Inashima)	Section 106	
Anthony Holmead House Site in Mitchell Park	Phase III	247	136, 13	Friends of Park/ DC Rec & Parks	ATC 2000 (Hill)	Site already on NRHP	2529
Mt. Zion/ Female Union Band Cemetery (polygon based on lots)	Survey Report	248	0		Mt. Zion Cemetery Community		1289, 1264E

**Table 2, continued.**

Survey Area Name	Project Type	Report #	Related Report	Agency	Who By	Mandate	Squares
Square 1215, former Phillips School	Phase I Intensive	287	0	SJG Properties	Karell Archeol' Svc 1995 (Koski-Karell)	DC Law 2-144	1215
5 bridges @ C&O Canal	Phase I Reconnaissance	298	0	DC Dept of Public Works	KCI Technologies Inc 1997		
5 bridges @ C&O Canal	Phase I Reconnaissance	298	0	DC Dept of Public Works	KCI Technologies Inc 1997		
5 bridges @ C&O Canal	Phase I Reconnaissance	298	0	DC Dept of Public Works	KCI Technologies Inc 1997		
5 bridges @ C&O Canal	Phase I Reconnaissance	298	0	DC Dept of Public Works	KCI Technologies Inc 1997		
5 bridges @ C&O Canal	Phase I Reconnaissance	298	0	DC Dept of Public Works	KCI Technologies Inc 1997		
Sq. 1189 Georgetown Incinerator Ph. I and II; 51NW124	Phase I Intensive	315	314, 68	Millenium Partners, DMPED	Berger 1999 (LeeDecker et al.)	OGB or DC HPA?	1189
Eastern Georgetown HD, Squares 1171-1295, below R St, btw Rock Creek & Potomac Pky & 37th St	Intensive Archival	317	0	The DC Historic Preservation Division	Robinson & Associates, Inc. 1993		Multi
Sq 25 Columbia Hospital for Women Ph IA, 2425 L Street, NW	Phase I Reconnaissance	343	461	Trammell Crow Company	Berger 2003 (Griffitts & LeeDecker)	DC HPA/ HPRB	25
Old Georgetown Market	Intensive Archival	346	63, 316		George Olszewski 1966		1186,1187,1188,1200
Rock Creek Park Year 1, 2	Phase I Reconnaissance	352	300, 301, 309, 302	NPS	Berger 2008	Section 106, 110	

**Table 2, continued.**

Survey Area Name	Project Type	Report #	Related Report	Agency	Who By	Mandate	Squares
Rock Creek Park Year 2	Phase I Intensive	352	300, 301,309, 302	NPS	Berger 2008 (Fiedel et al.)	Section 106	
O & P Sts between Wisconsin Ave & 37th St in Georgetown	Intensive Archival	448	0	DDOT	Parsons Transportation Group 2009	Section 106	Multi
Sq 25 Columbia Hospital for Women Ph IB, 2425 L Street, NW	Phase I Intensive	461	343	Trammell Crow Company	Berger 2004 (O'Neill & Griffiths)	DC HPA/HPRB	25
Pennsylvania Avenue and L Street, NW; Square 4N; TR1	Phase I Intensive	463	0	NPS	Geo-Sci Consultants 2010 (Wagner)	Section 106	4N
Pennsylvania Avenue and L Street, NW; Square 4N; TR2	Phase I Intensive	463	0	NPS	Geo-Sci Consultants 2010 (Wagner)	Section 106	4N
Tudor Place, 1670 31st St., NW	Phase I Intensive	467	422, 470, 491	None	DATA Invest. 2007 (Harpole & et al.)	None	1281
Tudor Place Property, 1670 31st St, NW	Phase I Reconnaissance	470	491, 467, 422	None	Pogue, Dennis J. 2006	None	1281
Rock Creek Park, CSO-031, btw 26th St, Penn Ave, & L St, NW, Sq. 15	Monitoring	480	0	NPS	Gibb Archaeological Consulting 2011	Section 106	15
Rock Creek Park, CSO-053, btw Q St, Rock Creek & Potomac Pkwy, NW, Res 360	Monitoring	480	317, 352	NPS	Gibb Archaeological Consulting 2011	Section 106	Res 360
West Heating Plant, Georgetown, Sq. 1193 Phase IA & geoarch	Phase I Reconnaissance	515	0	GSA	Berger 2012 (LeeDecker & Kuhn)	Section 106	1193

**Table 2, continued.**

Survey Area Name	Project Type	Report #	Related Report	Agency	Who By	Mandate	Squares
Lyons Mill. Waterside Drive, NW, and the Rock Creek and Potomac Parkway.	Phase I Intensive	521	352, 300	NPS	Louis Berger Group 2012	Section 106	
Temple Portico at Tudor Place, NW	Excavation non-compliance	534	317, 467	Tudor Place Historic House & Garden	Dovetail 2013		1281
Mitchell Park Erosion Remediation Monitoring & Testing	Phase I Reconnaissance	N/A	13, 136, 247	DC HPO for DPR	Troccoli, Harris, & Raina 2008-2009	DC HPA	2529

**Table 2, continued.**

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**Recommended Map and Archive References:**

Historic map links:

1. Five series of Baist maps are digitized and available for free on the LOC web site, from 1903-1921.

[http://memory.loc.gov/cgi-](http://memory.loc.gov/cgi-bin/query/S?ammem/gmd:@OR%28@field%28TITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29+@field%28ALTTITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29%29)

[bin/query/S?ammem/gmd:@OR%28@field%28TITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29+@field%28ALTTITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29%29](http://memory.loc.gov/cgi-bin/query/S?ammem/gmd:@OR%28@field%28TITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29+@field%28ALTTITLE+@od1%28Baist%27s+real+estate+atlas+of+surveys+of+Washington,+District+of+Columbia+++%29%29%29)

2. NOAA historical maps & charts has the whole 1888 USC&GS topo series and the 1861 Boschke topos for DC, as well as many other area maps. (Search using DC & map year).

[http://historicalcharts.noaa.gov/historical/historical\\_zoom.asp](http://historicalcharts.noaa.gov/historical/historical_zoom.asp)

3. LOC also has versions of the 1857 & 1861 Boschke topos and a tiled version of the 1892 USC&GS topos (same as 1888 but a later engraving).

1888/1892: <http://hdl.loc.gov/loc.gmd/g3850m.gct00007>

1861 Boschke (county): <http://hdl.loc.gov/loc.gmd/g3850.cw0678500>

1857 Boschke (City): <http://hdl.loc.gov/loc.gmd/g3850.ct001206>

<http://hdl.loc.gov/loc.gmd/g3850.ct002292>

4. The LOC has scanned two series of Sanborns for DC, 1888 and 1903. These are full-color, high res scans of the original volumes.

<http://www.loc.gov/rr/geogmap/sanborn/city.php?CITY=Washington&stateID=10>

5. My favorite Civil War map – what I refer to as “Barnard 1865 Defenses of DC.” The Civil War forts & earthworks were added to the 1861 Boschke topo, and it was colored (hand tinted?) making it easier to read. Unfortunately the LOC taped the sheets together with wide joins so it is a bit off. I have georeferenced parts of it for specific projects, though, and use it to better understand the Boschke topos.

Barnard 1865: <http://hdl.loc.gov/loc.gmd/g3851s.cw0676000>

Boschke 1861: <http://hdl.loc.gov/loc.gmd/g3850.cw0678500>

6. Historic aerial photos:

<http://www.historicaerials.com>

7. Historical Society of Washington Kiplinger Library catalog:

[http://www.historydc.org/Do\\_Research/research.asp](http://www.historydc.org/Do_Research/research.asp)

8. DC Public Library Catalog (and list of 100 critical history books on DC)

<http://citycat.dclibrary.org/uhtbin/cgiirsi/EiDcFV8wuN/ML-KING/55670316/28/1181/X>

9. The DC Surveyors Office has many historic maps digitized and available in their office on public access terminals. They are located at 1100 4th St. SW, 3rd Floor. They close at 4pm – bring a flashdrive to download the high res scans.

10. National Archives catalog:

<http://www.archives.gov/research/>

11. USGS Library, Reston, Virginia Catalog:

<http://igsrglib03.er.usgs.gov:8080/>

12. Smithsonian Institution Library Catalog:

<http://siris-libraries.si.edu/>

13. Historical Maps from many sources in one place – in both jpg & tif formats.

<http://www.dcvote.org/trellis/character/historicalmaps.cfm>

14. USGS Historical Topo Map Downloader:

[http://cida.usgs.gov/hqsp/apex/f?p=262:18:544237786303117::NO:RP:P18\\_STATE,P18\\_SCALE,P18\\_MAP\\_NAME:DC%2C%25%2C](http://cida.usgs.gov/hqsp/apex/f?p=262:18:544237786303117::NO:RP:P18_STATE,P18_SCALE,P18_MAP_NAME:DC%2C%25%2C)

## Post Mounted Playground Rules Sign Standard Design



Sign Type: PGR

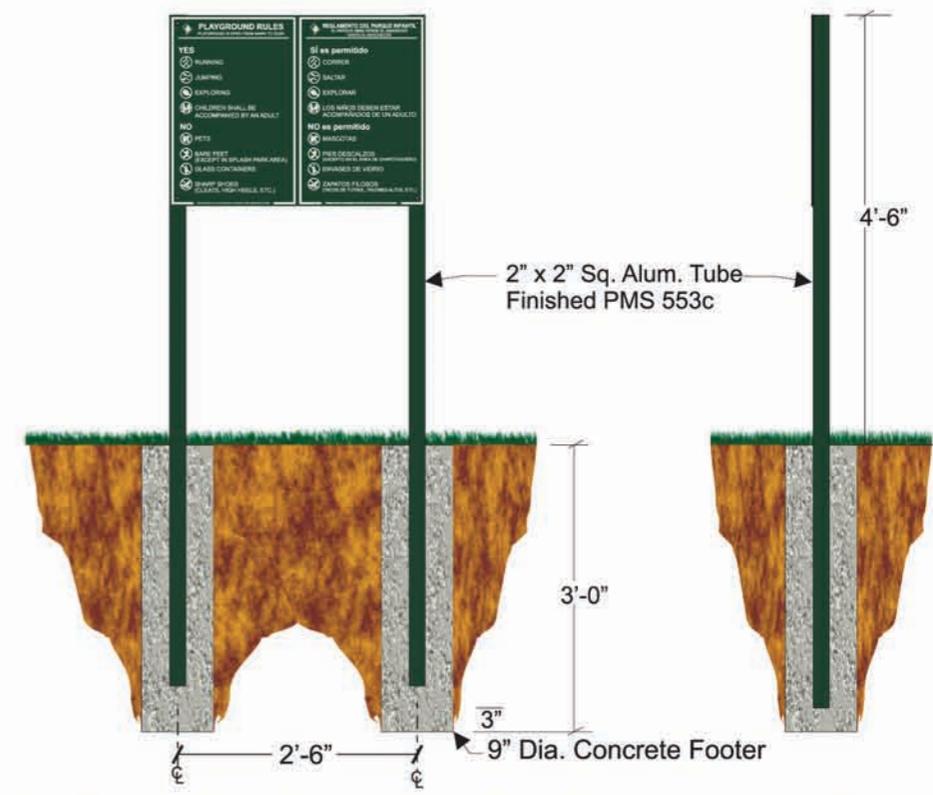
**Single Face Post Mounted Alum. Sign**  
**Qty:2**

**Scale: 3" = 1'-0"**

- \*.125 Thk. Alum. Finished PMS 553c
- \*Back of Sign Finished PMS 553c
- \*Sign to have a Matthews Clear Coat Finish
- \*Seal w/ Anti-Graffiti Barrier (**Anti-Graffiti Barrier is "Seal" Overlamine**)
- \*3/8"Dia. Holes for Post Mounting

Date: \_\_\_\_\_

Client's signature required for approval prior to fabrication.



**Post Mounted Sign Scale: 1/2" = 1'-0"**      **End View Scale: 1/2" = 1'-0"**