

**LEGEND**

- 
- 
- 
- 
- 

**SITE NARRATIVE AND FOREST SUMMARY**

**INTRODUCTION**

Norton Land Design completed a Natural Resource Inventory for the project known as the Acorn Park, Silver Spring, Montgomery County, MD in November, 2016. The delineation was conducted using the guidelines set forth in the MDNR State Forest Conservation Technical Manual and MNCPPC Trees, Approved Technical Manual.

**GENERAL INFORMATION**

This is a 0.13-acre site, Parcel 916, owned by The Maryland-National Capital Park and Planning Commission. The site is currently developed as an urban park. The site has vehicular access on both Newell Street and East West Highway. The site lies within the Low Rock Creek Watershed, Use I-P.

**ENVIRONMENTAL FEATURES**

**100 YEAR FLOOD PLAIN**

There is no floodplain associated within the property according to the FEMA flood map Community-Panel #24031C 0460D.

**SOILS**

The Soil Survey of Montgomery County, Maryland describes the soil types that are present on the property as follows. The general soil association for this part of the county is Brinklow and Glenville.

Soil type 400 is the Urban Land, 0 to 8 percent slopes. This soil unit consists of 75 percent of the surface being covered by asphalt, concrete, buildings, or other structures with several feet of miscellaneous fill underneath. Slopes are nearly level to moderately sloping.

**NONTIDAL WETLANDS**

There were no wetlands observed within 100' of the study area during the field investigation. No wetland buffers exist near the property.

**STREAMS AND DRAINAGEWAYS**

There is no streams or tributary observed within 200' of the property.

**TOPOGRAPHY AND STEEP SLOPES**

The site generally slopes to a central depressed area from both the south and north side of the site.

**CRITICAL HABITATS**

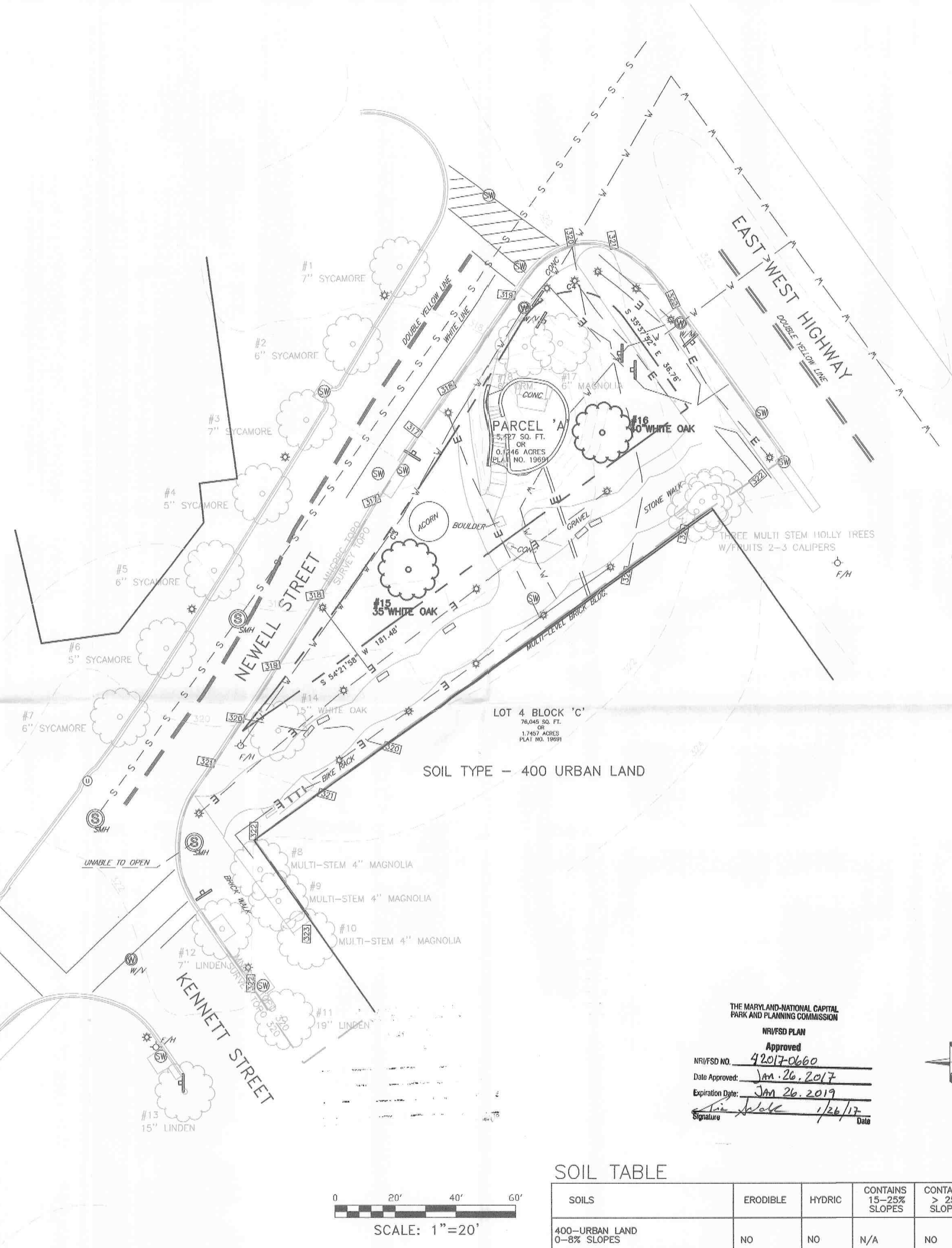
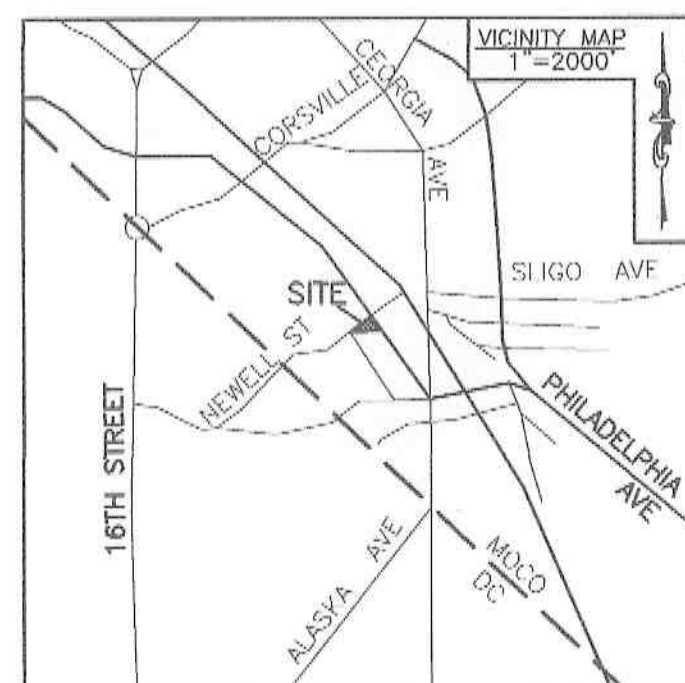
The MDNR and Fish and Wildlife Service have been notified of the project area and description. There appears to be no critical wildlife habitats from the field inspection. Copies of their correspondence will be provided when received.

**CULTURAL FEATURES**

The site is listed in the Montgomery County Masterplan for Historic Preservation.

**FOREST STAND INFORMATION**

The study areas do not contain forest. There are significant specimen trees located within the site. A list of the trees in the study area along with the visual health is within this report.



TREE SUMMARY TABLE						
Tree Species	Species (Scientific Name)	Species (Common Name)	D&H (inches)	Tree Condition	Comments	Status
1	PLATANUS OCCIDENTALIS	SYCAMORE	7	GOOD	LEAF DRY	
2	PLATANUS OCCIDENTALIS	SYCAMORE	6	GOOD		
3	PLATANUS OCCIDENTALIS	SYCAMORE	7	GOOD		
4	PLATANUS OCCIDENTALIS	SYCAMORE	5	GOOD		
5	PLATANUS OCCIDENTALIS	SYCAMORE	6	GOOD		
6	PLATANUS OCCIDENTALIS	SYCAMORE	5	GOOD		
7	PLATANUS OCCIDENTALIS	SYCAMORE	6	GOOD		
8	MAGNOLIA GRANDIFLORA	S. MAGNOLIA	MULTI 4"	GOOD		
9	MAGNOLIA GRANDIFLORA	S. MAGNOLIA	MULTI 4"	GOOD		
10	MAGNOLIA GRANDIFLORA	S. MAGNOLIA	MULTI 4"	GOOD		
11	TILIA CORDATA	LINDEN	19	GOOD		
12	TILIA CORDATA	LINDEN	7	FAIR		
13	TILIA CORDATA	LINDEN	15	GOOD		
14	QUERCUS ALBA	WHITE OAK	5	GOOD		
15	QUERCUS ALBA	WHITE OAK	35	GOOD	STRUCK BY LIGHTNING BUT RECOVERING WELL	
16	QUERCUS VILUTINA	BLACK OAK	40	GOOD	HOLLOW AT BASE BUT HEALTHY	
17	ACER SACCHARINUM	S. MAGNOLIA	8	GOOD		
18	ORNAMENTAL TREE		6	GOOD		

\* BOLD TYPE DENOTES SPECIMEN TREES

Condition Scoring System	
No Apparent Problems	Excellent
Minor Problems	Good
Major Problems	Fair
Extreme Problems	Poor

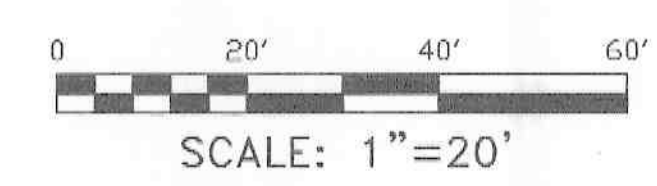
**GENERAL NRI/FSD NOTES**

- THIS PROPERTY IS ZONED WITHIN THE BLOCK CR-3.0 C-2.0 R-2.75 H-90T.
- THE TOTAL TRACT AREA IS 0.13 ACRES.
- SITE FIELD WORK WAS PERFORMED ON NOVEMBER 2016 BY MICHAEL NORTON, NORTON LAND DESIGN LLC.
- THIS SITE IS WITHIN THE LOWER ROCK CREEK WATERSHED, USE I-P.
- THIS PROPERTY IS NOT WITHIN AN SPA OR PMA.
- THERE IS NO FLOODPLAIN ASSOCIATED WITH THE PROPERTY ACCORDING TO THE FEMA ONLINE FIRMETTE MAP #24031C 0460D (SEE REPORT) AND MNCPPC ULTIMATE LAND USE.
- THERE ARE NO STREAMS AND STREAM BUFFERS ON AND WITHIN 100' OF THE PROPERTY OBSERVED (SEE SITE NARRATIVE AND FOREST SUMMARY ON THIS PLAN).
- THERE IS NO FLOODPLAIN ASSOCIATED WITH THE PROPERTY ACCORDING TO THE FEMA ONLINE FIRMETTE MAP #24031C 0460D (SEE SITE NARRATIVE AND FOREST SUMMARY ON THIS PLAN) AND MNCPPC ULTIMATE LAND USE.
- TOPOGRAPHY AND BOUNDARY SURVEY WAS PROVIDED BY POTOMAC VALLEY SURVEYS INC. IN OCTOBER 2016. ADDITIONAL 2' TOPOGRAPHY DERIVED FROM MNCPPC, MONTGOMERY COUNTY TOPOGRAPHIC MAP SHEET 210NW01.
- THERE ARE NO PRIME AGRICULTURAL SOILS ON THE PROPERTY.
- ALL TREES 24" AND GREATER WITHIN THE FIELD RUN SURVEY AREA ARE SURVEY LOCATED AND MEASURED WITH A FORESTERS DIAMETER TAPE MEASURE.
- ALL TREES 24" AND GREATER OUTSIDE OF THE FIELD RUN SURVEY AREA ARE LOCATED AND MEASURED BY OCULAR ESTIMATE ONLY. ALL MANMADE STRUCTURES OFFSITE ARE LOCATED BY AVAILABLE AERIAL PHOTOGRAPHS AND/OR OCULAR ESTIMATE.
- ALL TREES UNDER 24" ONSITE ARE MEASURED WITH A FORESTERS DIAMETER TAPE MEASURE.
- NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON OR OFFSITE AT THE TIME OF THE FIELD INVESTIGATION. CORRESPONDENCE FROM MARYLAND DNR AND US FISH AND WILDLIFE SERVICE WILL BE PROVIDED WHEN RECEIVED.
- NO TREES OCCUR WITHIN THE STUDY AREA WHICH ARE RECOGNIZED AS CURRENT STATE CHAMPION TREES. THERE IS ONE TREE OFFSITE THAT IS WITHIN 75% OF THE DBH OF AN EXISTING STATE CHAMPION.
- THE SUBJECT PROPERTY IS LISTED IN THE MONTGOMERY COUNTY MASTER PLAN FOR HISTORIC PRESERVATION ALONG WITH A MARYLAND HISTORICAL TRUST EASEMENT.

**NRI/FSD TABULATION TABLE**

ACREAGE OF TRACT:	0.13
ACREAGE OF EX. FOREST:	0
ACREAGE OF EXISTING WETLANDS	0
ACREAGE OF FORESTED WETLANDS	0
ACREAGE OF WETLAND BUFFERS	0
ACREAGE OF STREAM BUFFERS	0
ACREAGE OF FORESTED STREAM BUFFER	0
ACREAGE OF 100 YEAR FLOODPLAIN	0
LINEAR EXTENT OF STREAMS	0
AVERAGE WIDTH OF STREAM BUFFER	0

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
**NRI/FSD PLAN**  
 Approved  
 NRI/FSD NO. 42017-0660  
 Date Approved: Jan. 26, 2017  
 Expiration Date: Jan 26, 2019  
 Signature: [Signature] 1/26/17 Date



**SOIL TABLE**

SOILS	ERODIBLE	HYDRIC	CONTAINS 15-25% SLOPES	CONTAINS > 25% SLOPES	CAPABILITY SUBCLASS SYMBOL	PRIME AGRICULTURAL SOIL
400-URBAN LAND 0-8% SLOPES	NO	NO	N/A	NO	N/A	NO

Designer's Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

**CERTIFICATION OF QUALIFIED PROFESSIONAL**  
 I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON HAS BEEN PREPARED IN ACCORDANCE WITH MARYLAND STATE, MNCPPC AND MONTGOMERY COUNTY FOREST CONSERVATION LAWS.  
 DATE: 1/25/17  
 MICHAEL A. NORTON  
 MONTGOMERY COUNTY REGISTERED PROFESSIONAL

**The Maryland-National Capital Park and Planning Commission**  
 Montgomery County Department of Parks  
 9500 Brunett Avenue  
 Silver Spring, Maryland 20901  
 (301) 495-2535

DESIGN	
Landscape Architect	Checked By: _____
Date	_____
Architect	Checked By: _____
Date	_____
Engineer	Checked By: _____
Date	_____
Drawn by	Checked By: _____
Date	_____

REVIEW AND APPROVAL	
Project Manager	Checked By: _____
Date	_____
Construction Manager	Checked By: _____
Date	_____
Park Manager	Checked By: _____
Date	_____

ISSUED FOR PROCUREMENT ON	
REVISIONS	
Rev. No.	Date

**SIMPLIFIED NRI-FSD**  
 ACORN PARK  
 8060 NEWELL STREET SILVER SPRING - MONTGOMERY COUNTY  
 PLAT 19691  
 L.14771 F.531  
 MONTGOMERY COUNTY, MARYLAND  
 SCALE: 1"=20'  
 JAN 26 2017  
 Planning Department

DWG. # 16-109  
 SHT. # 1 of 1  
**L-0.1**