

TREE CANOPY FUND

***Administered by Arlingtonians for a Clean Environment
(ACE) and the Arlington County Urban Forestry Commission (UFC)
Arlington, Virginia
2009-2010***



***Application by Arlington Village Townhouse
Condominium Association
July 17, 2009***



Arlington Village

Arlington Village is a townhouse condominium community developed in the late 1930s and early 1940s. The village has 595 units and approximately 900 residents. Alongside the Arlington Branch of Long Branch Creek, a five-acre wooded ravine runs through the heart of forty-two acres of rolling land. The village is a Virginia Landmarks Historic Community on the National Register. The ravine is a wooded natural area and a certified natural habitat.

In past years, many mature trees in the ravine and throughout the village have succumbed to age, disease, and heavy storms. With a Tree Canopy Fund grant, we intend to further our efforts to replace those trees and protect our future canopy by planting trees that will mature as our older trees die.

Grounds Committee

Arlington Village has a long-standing Grounds Committee, which in consultation with arborist Ed Milhous and landscape architect Kate Davidson has monitored the general health of our trees and plants. Most notably, the Grounds Committee has recently completed several extensive erosion prevention projects that included replanting sustainable trees and plants.

Environmental Resources Committee

In April 2008, village residents reestablished another committee, the Environmental Resources Committee (ERC), to educate our neighbors about the ravine and manage its health in consultation with arborist Ed Milhous. Jenny Ericson, one of our founding members, is a specialist in invasive species with the U.S. Fish and Wildlife Service. She introduced us to Arlington County experts on invasive species.

Community Education

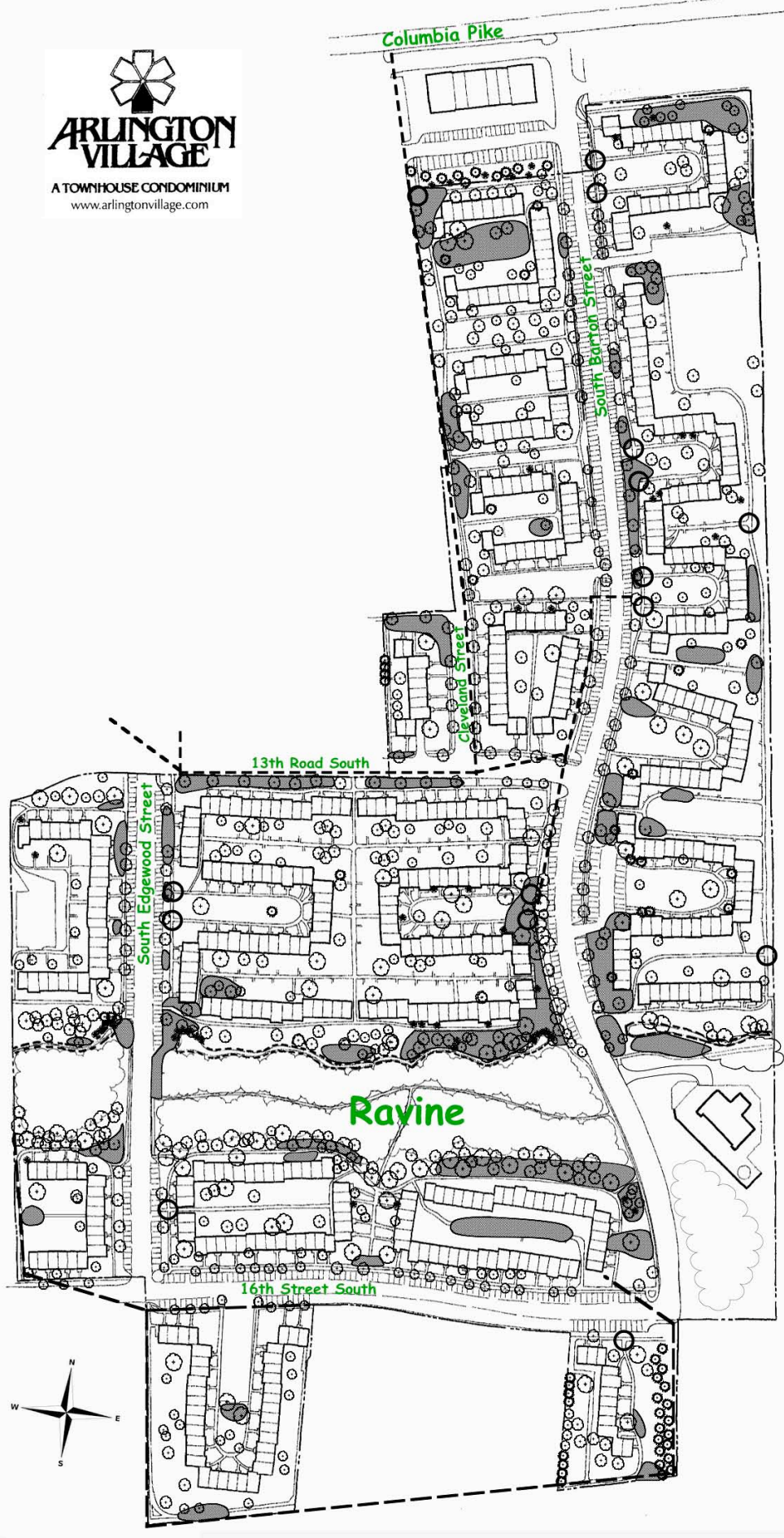
A year ago, ERC hosted an environmental education workshop on invasive plants and green living. Guest speakers from Arlington County's Remove Invasive Plants program and from Arlingtonians for a Clean Environment (ACE) attended. Since then, we have held three invasive removal events in the ravine, during which we removed an estimated 1,200 pounds of English ivy, bush honeysuckle, Japanese honeysuckle, multiflora rose, garlic mustard, wisteria, and wineberry.

Native Plantings

In October 2008, ERC planted more than 200 native trees and plants in key areas of the ravine to control erosion and restore native vegetation. Purchase of the plants was made possible by a \$750 grant from ACE and our relationship with Earth Sangha, a local nonprofit group that raises native plants from seed collected locally. ERC is committed to a permanent program of removing invasives and planting natives to ensure the long-term health of the ravine.

Tree Canopy Fund

The Grounds Committee and ERC are applying for a Tree Canopy Fund grant jointly on behalf of Arlington Village. The trees were selected with the advice of Steve Campbell and Elizabeth Rives. To care for the trees, we will draw upon our committee members and the volunteers we mobilized for our invasive removal events. In addition, the Arlington Village staff cares for village trees on a regular basis. We are mindful that trees planted in Arlington Village will contribute to an enhanced tree canopy not only for the village but also for Arlington County and the greater region.

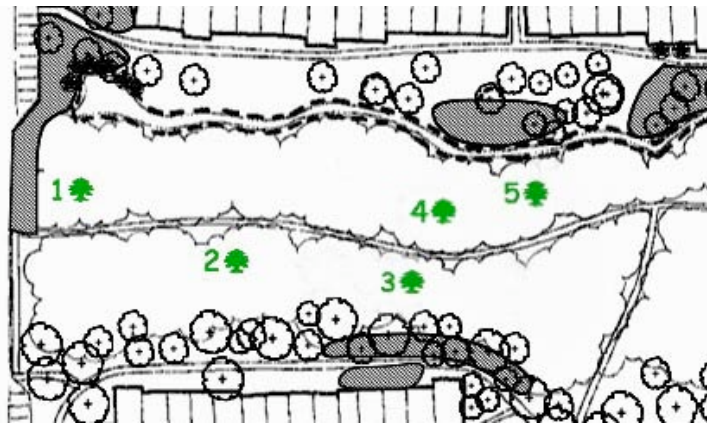


Area One: Ravine from South Edgewood Street to Stairway



Criteria: This area is within an existing five-acre natural woodland conducive to root growth and crown development. It is not located under utility wires. The Arlington Village Environmental Resources Committee (ERC) maintains an invasive removal and native planting program in this area. The committee and volunteers actively monitor the environmental health of the area in consultation with an arborist. The area is within 100 feet of the Arlington Branch of the Long Branch, part of the Four Mile Run Watershed. The area is subject to erosion.

Reason for Location: Arlington Village wishes to maintain the high canopy of this area by replacing lost trees and planting to replace trees that will be lost because of age in the near future. Tall stumps and rotting logs show the tree loss the area has suffered. An open canopy is visible where high canopy trees have been chosen. No succession trees of the maturity offered by the grant program are obvious. The trees selected for this area will help to diversify the tree population.



- Trees:**
1. Swamp White Oak (\$149)
 2. Hackberry (\$198)
 3. Northern Red Oak (\$149)
 4. American Holly (\$160)
 5. Autumn Brilliance Serviceberry (\$185)

Area Two: Central Ravine near the Bottom of the Stairway

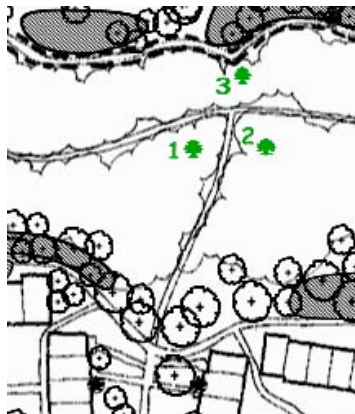


Criteria: This area is within an existing five-acre natural woodland conducive to root growth and crown development. It is not located under utility wires. The Arlington Village Environmental Resources Committee (ERC) maintains an invasive removal and native planting program in this area. The committee and volunteers actively monitor the environmental health of the area in consultation with an arborist. The area is within 100 feet of the Arlington Branch of the Long Branch, part of the Four Mile Run Watershed. The area is subject to erosion.

Reason for Location: Arlington Village wishes to maintain the high canopy of this area by replacing lost trees and planting to replace trees that will be lost because of age in the near future. Tall stumps and rotting logs show the tree loss the area has suffered. An open canopy is visible. No succession trees of the maturity offered by the grant program are obvious. The trees selected for this area will help to diversify the tree population.

Trees:

1. Black Gum (\$145)
2. Black Gum (\$145)
3. Sycamore (\$200)



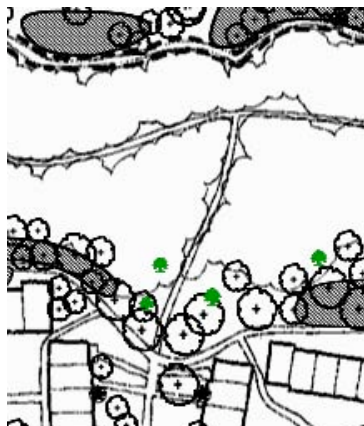
Area Three: Central Ravine near the top of the Stairway



Criteria: This area is within an existing five-acre natural woodland conducive to root growth and crown development. It is not located under utility wires. The Arlington Village Environmental Resources Committee (ERC) maintains an invasive removal and native planting program in this area. The committee and volunteers actively monitor the environmental health of the area in consultation with an arborist. The area is subject to erosion. The trees will shade a stairway that runs through the area.

Reason for Location: A number of large trees in this area were destroyed by Hurricane Isabel in September 2003. Arlington Village wishes to maintain the trees of this area. Our advisors suggested hop hornbeam trees would fill in among the remaining high canopy trees, which they described as a healthy “grove of elms.”

Trees: Hop Hornbeam (4 @ \$130 = \$520)



Area Four: South Barton Street near Arlington Village Pool



Criteria: This area is conducive to root growth and crown development. It is not located under utility wires. The Arlington Village Environmental Resources Committee and Grounds Committee actively monitor the environmental health of the area in consultation with an arborist. The area is within 100 feet of the Arlington Branch of the Long Branch, part of the Four Mile Run Watershed. The area is subject to erosion.

Reason for Location: Arlington Village wishes to maintain the high canopy of this area. The immediate trees in this area are the same age. Trees will be needed to replace those that will be lost. Our advisors suggested a scarlet oak to fit in among the variety of other oaks in this area

Tree: Scarlet Red Oak (\$149)



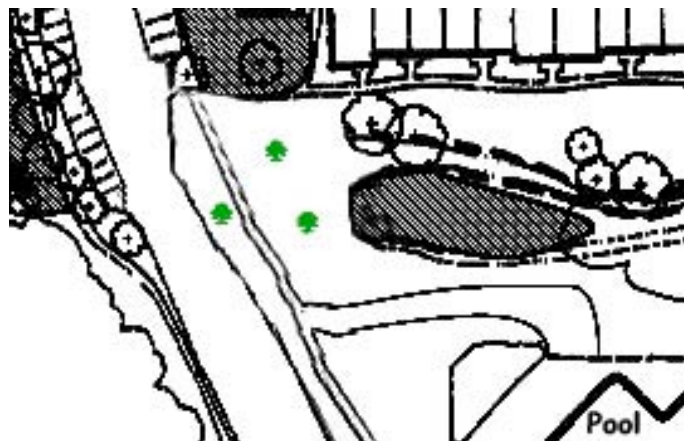
Area Five: South Barton Street near Bus Stop



Criteria: This area is not located under utility wires. It is conducive to root growth and crown development. The Arlington Village Grounds Committee actively monitors the environmental health of the area in consultation with an arborist. The area is within 100 feet of the Arlington Branch of the Long Branch, part of the Four Mile Run Watershed. The area is subject to erosion.

Reason for Location: In recent years, two trees were lost in this location. Arlington Village wishes to maintain the high canopy of this area, which is now open to the sky. We would also like to be part of the movement to restore the American elm to American neighborhoods. Our advisor has suggested a configuration of the three elms that would be appropriate for this area.

Tree: Princeton Hybrid Elm (3 @) \$198 = \$594)



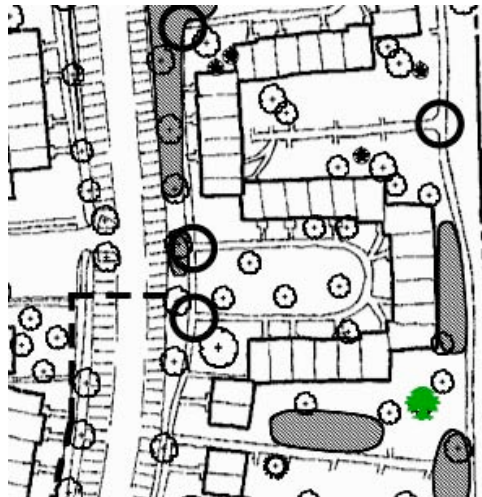
Area Six: South Barton Street, in the back of Unit 179



Criteria: This area is not located under utility wires. It is conducive to root growth and crown development. The Arlington Village Grounds Committee actively monitors the environmental health of the area in consultation with an arborist.

Reason for Location: A tree in this open location would contribute to the canopy. Our advisors suggested a lower canopy tree. A sourwood tree would add to the diversity of trees in the area.

Tree: Sourwood (\$135)



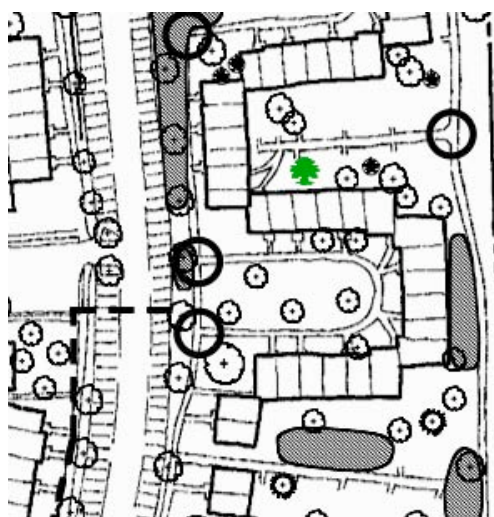
Area Seven: South Barton Street, in the back of Unit 169



Criteria: The area is not located under utility wires. It is conducive to root growth and crown development. The Arlington Village Grounds Committee actively monitors the environmental health of the area in consultation with an arborist.

Reason for Location: A tree was lost in this location; a new tree would contribute to the canopy. Our advisors suggested a low canopy tree to compliment the other trees in this courtyard. A serviceberry tree would add to the tree diversity of this area.

Tree: Autumn Brilliance Serviceberry (\$185)



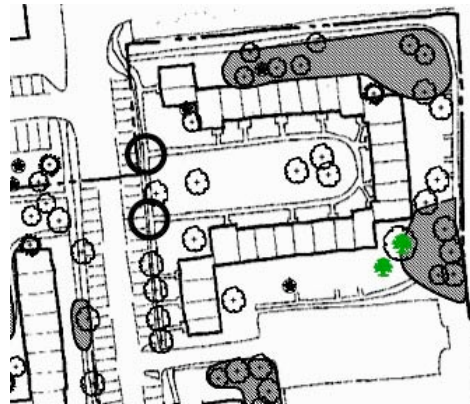
Area Eight: South Barton Street, in the back of Unit 117



Criteria: This large open area is not located under utility wires. It is conducive to root growth and crown development. An open canopy is visible. The Arlington Village Grounds Committee actively monitors the environmental health of the area in consultation with an arborist.

Reason for Location: Our advisors and our arborist have concluded that a sycamore at this location is dead. Its removal will be accomplished before black gum trees are planted. These replacement trees would contribute to a high canopy.

Tree: Black Gum (2 @ \$145 = \$290)



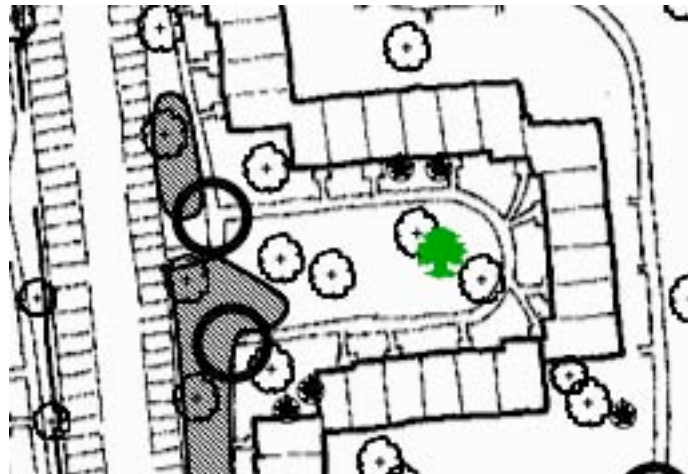
Area Nine: South Barton Street, Courtyard in front of Units 151 and 152



Criteria: The area is not located under utility wires. It is conducive to root growth and crown development. An open canopy is visible. The Arlington Village Grounds Committee actively monitors the environmental health of the area in consultation with an arborist.

Reason for Location: A tree in this location was lost. A replacement tree would contribute to a high canopy.

Tree: Black Gum (\$145)



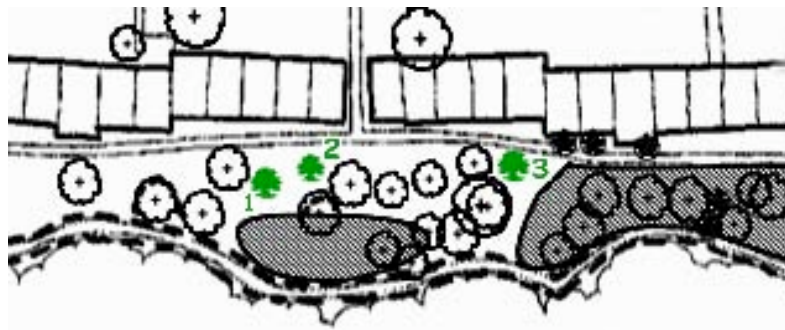
Area Ten: Area between north side of Central Ravine and Townhouses



Criteria: Canopy trees in this location, an area from Unit 450 to Unit 460, would replace trees that have been lost. The area is not located under utility wires. It is conducive to root growth and crown development. The Arlington Village Environmental Resources Committee and the Grounds Committee actively monitor the environmental health of the area in consultation with an arborist. The area is within 100 feet of the Arlington Branch of the Long Branch, part of the Four Mile Run Watershed. The area is subject to erosion.

Reason for Location: Trees in this location would replace lost trees, add diversity, and contribute to the canopy in an area open to the sky.

- Trees:**
1. Yellowwood (\$139)
 2. Forest Pansy Redbud (\$83)
 3. Sourwood (\$135)



Budget

Tree Canopy Fund Grant Proposal

Submitted by Arlington Village Townhouse Condominium Association

July 17, 2009

Area	Description of Area	Type of Tree	No.	Unit Cost of Tree	Total Cost
1	Ravine from S. Edgewood Street to Stairway	Swamp White Oak	1	149.00	149.00
		Hackberry	1	198.00	198.00
		Northern Red Oak	1	149.00	149.00
		American Holly	1	160.00	160.00
		Autumn Brilliance Serviceberry	1	185.00	185.00
2	Central Ravine near the Bottom of the Stairway	Black Gum	2	145.00	290.00
		Sycamore	1	200.00	200.00
3	Central Ravine near the Top of the Stairway	Hop Hornbeam	4	130.00	520.00
4	S. Barton Street near Arlington Village Pool	Scarlet Red Oak	1	149.00	149.00
5	S. Barton Street near Bus Stop	Princeton Hybrid Elm	3	198.00	594.00
6	S. Barton Street, in the back of Unit 179	Sourwood	1	135.00	135.00
7	S. Barton Street, in the back of Unit 169	Autumn Brilliance Serviceberry	1	185.00	185.00
8	S. Barton Street, in the back of Unit 117	Black Gum	2	145.00	290.00
9	S. Barton Street, Courtyard in front of Units 151 and 152	Black Gum	1	145.00	145.00
10	Area between north side of Central Ravine and Townhouses	Yellowwood	1	139.00	139.00
		Forest Pansy Redbud	1	83.00	83.00
		Sourwood	1	135.00	135.00
Total					\$3,706.00