

Tree Inventory Memorandum

Taylor Run Stream Stabilization

City of Alexandria
Department of Project Implementation

City of Alexandria, Virginia

Contract No. 2910, RFQU 1054
Project Reference: 23086 – Task Order #07
AECOM Project Number: 60742359

October 2025

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1 Methods

A Tree Inventory was conducted on the Taylor Run Survey Area during the months of June and July of 2025 to visually verify a previously completed tree inventory from 2019. Additional trees with a size of 12" diameter at breast height (DBH) or greater, were also surveyed, if not previously included in the original inventory. Tree species, geographic location, and health, including the status of the tree as alive or dead, were verified for the previously inventoried trees; the DBH of each species were not re-measured. The same information plus species size was collected for newly inventoried trees. All newly located trees were recorded using a Geographic Information System (GPS) device with sub-meter accuracy. **Figure 1** illustrates the limits of the 2025 survey area.



Figure 1: Survey Extents Map

2 Results

Results of the 2025 tree inventory reveal a total of 749 trees, largely within a mid-successional deciduous riparian forest surrounding Taylor Run. The dominant two tree species identified were *Liriodendron tulipifera* (tulip poplar) and *Acer rubrum* (red maple). Additional co-dominant species include *Prunus serotina* (black cherry), *Robinia pseudoacacia* (black locust), and *Ulmus rubra* (slippery elm). Twenty-six trees were identified as specimen trees (trees with greater than or equal to 30" DBH); 13 of which were tulip poplar. Of the total 749 trees inventoried, 120 trees were listed as dead, many of which the tree species could not be identified. However, of the dead species that could be identified, black locust was the most common. A total of 269 trees inventoried are proposed for removal. As the inventory would suggest, tulip poplar and red maple are the most common. **Figure 2** provides a summary of the combined inventory data updated from 2019 and newly collected in 2025, with the identified survey limits illustrated in **Figure 1**. The full tree inventory maps and tables can be found in **Appendix A**.

Figure 2: Tree Inventory Summary

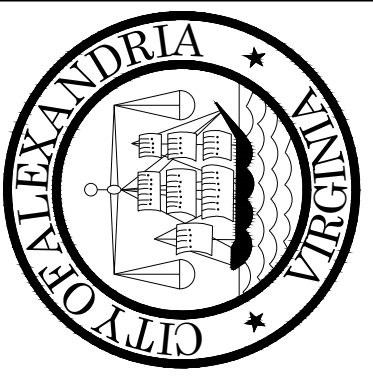
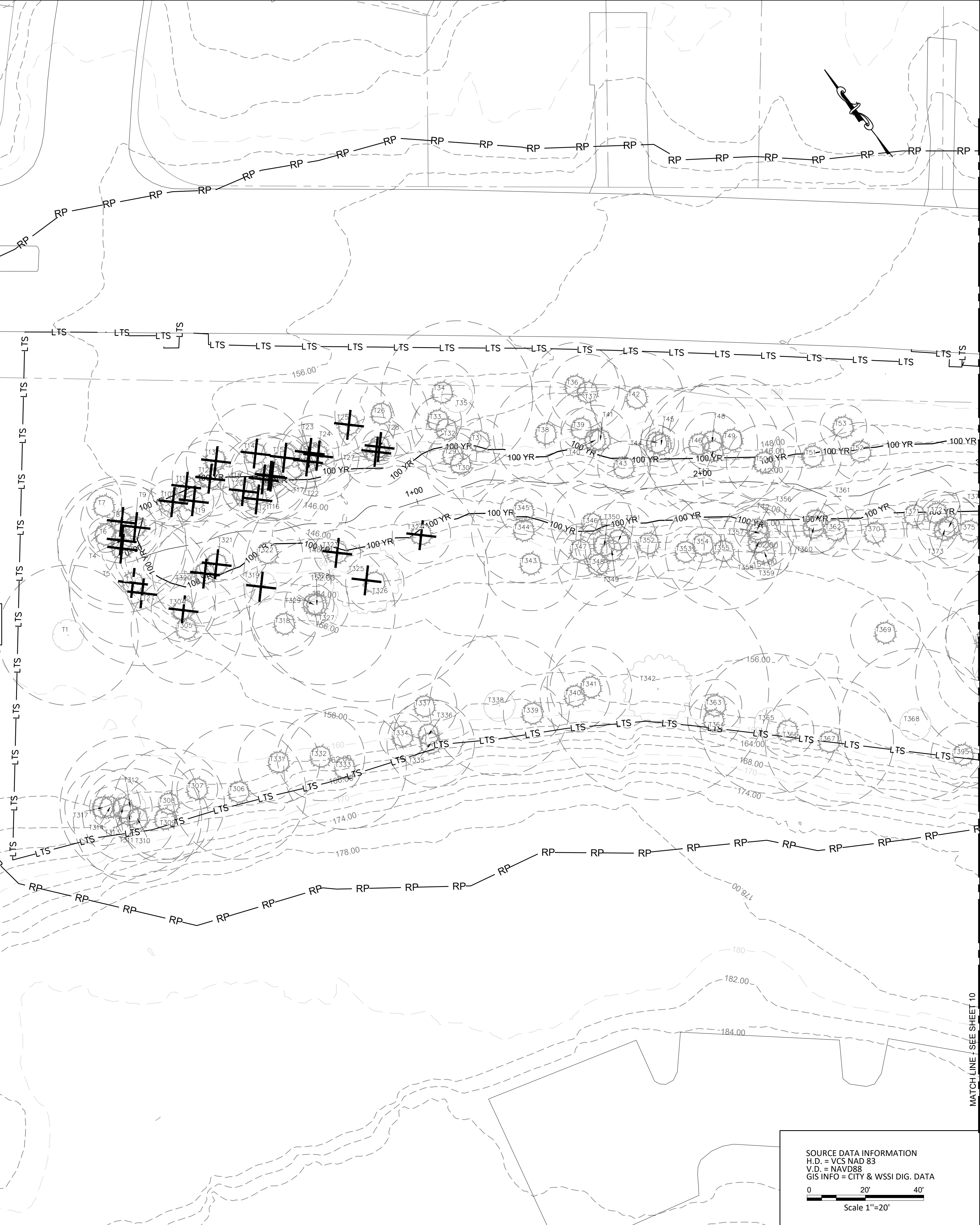
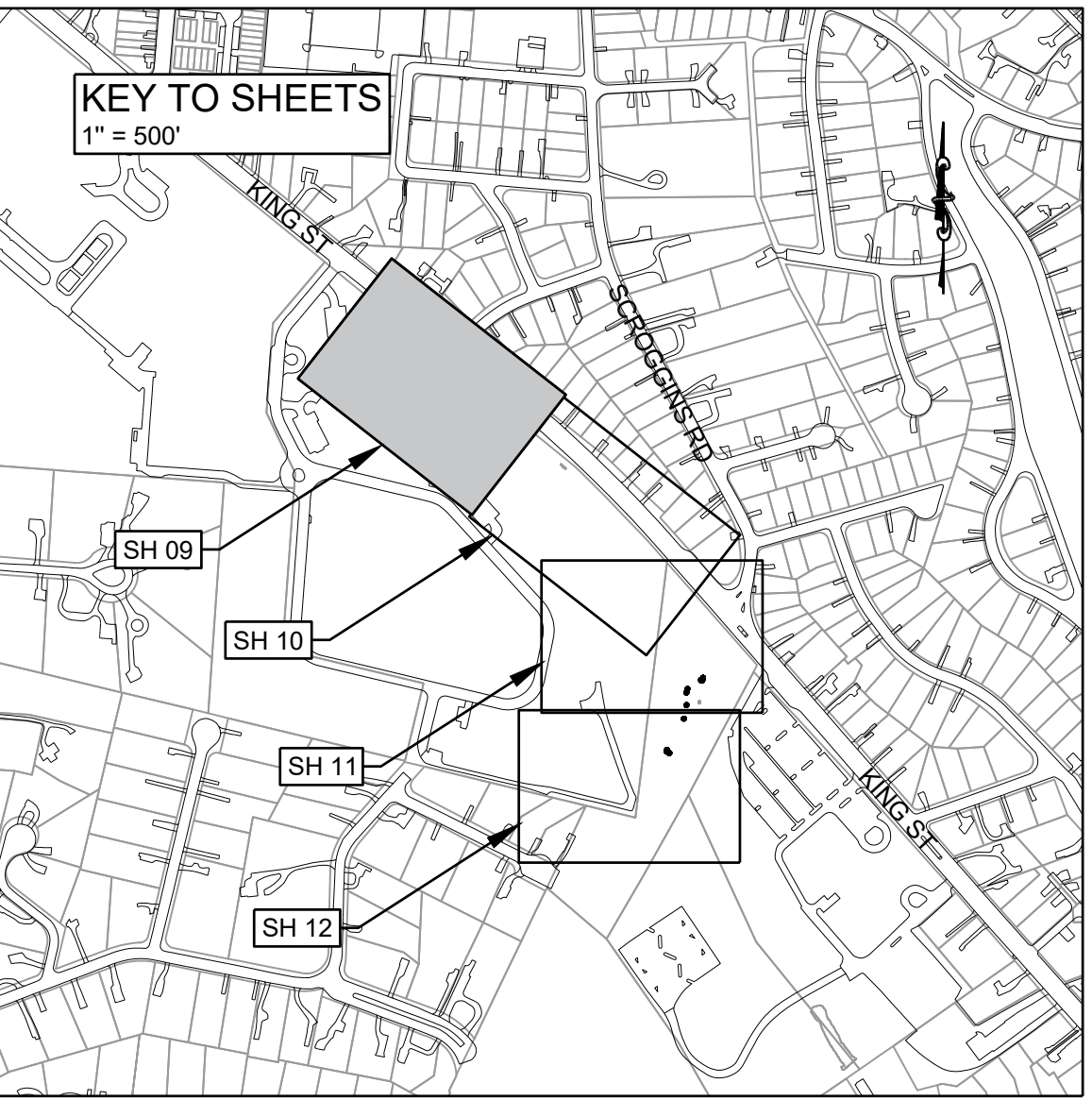
Common Name	Species Summary - Taylor Run																			TOTAL			
	<6" (SAPLING)				6-17" (SMALL)				18-29" (MEDIUM)				30"+ (LARGE)										
	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR			
American Beech	---	---	---	---	2	---	2	---	1	---	1	---	---	---	---	---	3	---	3	---			
American Elm	1	---	1	1	27	1	28	8	2	---	2	---	1	---	1	---	30	1	31	9			
American Holly	---	---	---	---	4	---	4	---	---	---	---	---	---	---	---	---	4	---	4	---			
American Sycamore	---	---	---	---	---	---	---	---	3	---	3	---	1	---	1	---	4	---	4	---			
Black Cherry	---	---	---	---	36	4	40	12	14	1	15	4	1	---	1	---	51	5	56	16			
Black Locust	---	---	---	---	33	20	53	20	21	6	27	10	---	---	---	---	54	26	80	30			
Black Oak	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	1	---	1	---			
Black Walnut	---	---	---	---	8	---	8	1	2	---	2	1	---	---	---	---	10	---	10	2			
Blackgum	---	---	---	---	9	---	9	---	---	---	---	---	---	---	---	---	9	---	9	---			
Boxelder	---	---	---	---	3	---	3	3	---	---	---	---	---	---	---	---	3	---	3	3			
Chestnut Oak	---	---	---	---	2	---	2	---	2	---	2	---	2	---	2	---	6	---	6	---			
Common Hackberry	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---			
Common Persimmon	---	---	---	---	3	---	3	1	---	---	---	---	---	---	---	---	3	---	3	1			
Eastern Cottonwood	---	---	---	---	---	---	---	---	2	---	2	---	---	---	---	---	2	---	2	---			
Green Ash	---	---	---	---	9	---	9	4	1	---	1	---	---	---	---	---	10	---	10	4			
Hickory Species	---	---	---	---	2	---	2	---	---	---	---	---	---	---	---	---	2	---	2	---			
Honeylocust	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---			
Littleleaf Linden	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---			
Mimosa	---	---	---	---	1	---	1	1	---	---	---	---	---	---	---	---	1	---	1	1			
Norway Maple	---	---	---	---	5	---	5	2	---	---	---	---	---	---	---	---	5	---	5	2			
Pin Oak	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---			
Red Maple	---	---	---	---	118	7	125	53	23	---	23	15	4	---	4	2	145	7	152	70			
Red Mulberry	---	---	---	---	1	1	2	---	---	---	---	---	---	---	---	---	1	1	2	---			
Royal Paulownia	---	---	---	---	4	---	4	---	---	---	---	---	---	---	---	---	4	---	4	---			
Sassafras	---	---	---	---	12	2	14	2	---	---	---	---	---	---	---	---	12	2	14	2			
Scarlet Oak	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	1	---	1	---			
Silver Maple	---	---	---	---	16	---	16	6	9	---	9	2	2	---	2	---	27	---	27	8			
Slippery Elm	---	---	---	---	46	---	46	15	7	---	7	3	1	---	1	---	54	---	54	18			
Southern Red Oak	---	---	---	---	1	---	1	1	1	---	1	---	1	---	1	---	3	---	3	1			
Sugar Maple	---	---	---	---	2	---	2	---	---	---	---	---	---	---	---	---	2	---	2	---			
Sweet Cherry	---	---	---	---	2	1	3	2	---	---	---	---	---	---	---	---	2	1	3	2			
Sweet Gum	---	---	---	---	2	---	2	1	1	---	1	---	---	---	---	---	3	---	3	1			
Tree of Heaven	---	---	---	---	21	4	25	3	---	---	---	---	---	---	---	---	21	4	25	3			
Tuliptree	---	---	---	---	53	2	55	25	51	1	52	19	13	3	16	4	117	6	123	48			
Unknown Snag	---	---	---	---	---	22	22	15	---	2	2	---	---	---	---	---	---	24	24	15			
Unknown Tree	---	---	---	---	38	38	21	---	1	1	---	---	---	---	---	---	---	39	39	21			
Virginia Pine	---	---	---	---	---	---	---	---	2	---	2	---	---	---	---	---	2	---	2	---			
White Mulberry	---	---	---	---	23	---	23	10	2	---	2	---	---	---	---	---	25	---	25	10			
White Oak	---	---	---	---	5	3	8	1	2	---	2	1	---	---	---	---	7	3	10	2			
Willow Oak	---	---	---	---	1	---	1	---	---	---	---	---	1	1	---	---	1	1	2	---			
TOTAL	1	---	1	1	455	105	560	207	148	11	159	55	26	4	30	6	629	120	749	269			

Appendix A: Tree Inventory Sheets

Tree #	Common Name	Scientific Name	Condition	DBH
1	Black locust	<i>Robinia pseudoacacia</i>	2	24
2	Black locust	<i>Robinia pseudoacacia</i>	4	25
3	White mulberry	<i>Morus alba</i>	Dead	22
4	Black locust	<i>Robinia pseudoacacia</i>	Dead	22
5	Black locust	<i>Robinia pseudoacacia</i>	Dead	22
6	Black locust	<i>Robinia pseudoacacia</i>	4	6
7	Black locust	<i>Robinia pseudoacacia</i>	2	6
8	Unknown tree	-	Dead	14
9	American elm	<i>Ulmus americana</i>	4	7
10	White mulberry	<i>Morus alba</i>	Dead	8
11	White mulberry	<i>Morus alba</i>	4	12
12	Black locust	<i>Robinia pseudoacacia</i>	4	13
13	White mulberry	<i>Morus alba</i>	4	10
14	Tree of heaven	<i>Ailanthus altissima</i>	4	17
15	Green ash	<i>Fraxinus pennsylvanica</i>	4	8
16	Tree of heaven	<i>Ailanthus altissima</i>	Dead	13
17	Tree of heaven	<i>Ailanthus altissima</i>	4	15
18	Tree of heaven	<i>Ailanthus altissima</i>	Dead	15
19	White mulberry	<i>Morus alba</i>	4	7
20	Box elder	<i>Acer negundo</i>	4	7
21	Box elder	<i>Acer negundo</i>	4	7
22	Black cherry	<i>Prunus serotina</i>	Dead	9
23	Littleleaf linden	<i>Tilia cordata</i>	3	10
24	Black locust	<i>Robinia pseudoacacia</i>	3	14
25	Tree of heaven	<i>Ailanthus altissima</i>	4	16
26	Black locust	<i>Robinia pseudoacacia</i>	4	16
27	Red maple	<i>Acer rubrum</i>	3	12
28	Red maple	<i>Acer rubrum</i>	3	6
29	Mimosa	<i>Albizia julibrissin</i>	4	8
30	American elm	<i>Ulmus americana</i>	4	12
31	Box elder	<i>Acer negundo</i>	4	8
32	Black locust	<i>Robinia pseudoacacia</i>	4	12
33	Unknown tree	-	Dead	8
34	White mulberry	<i>Morus alba</i>	4	11
35	White mulberry	<i>Morus alba</i>	4	26
36	Black locust	<i>Robinia pseudoacacia</i>	3	15
37	Black locust	<i>Robinia pseudoacacia</i>	4	13
38	Black locust	<i>Robinia pseudoacacia</i>	4	18
39	Sweet cherry	<i>Prunus avium</i>	3	7
40	Black locust	<i>Robinia pseudoacacia</i>	Dead	12
41	Black locust	<i>Robinia pseudoacacia</i>	3	19
42	Black locust	<i>Robinia pseudoacacia</i>	3	16
43	American elm	<i>Ulmus americana</i>	4	9
44	American holly	<i>Ilex opaca</i>	3	6
45	American holly	<i>Ilex opaca</i>	3	6
46	Black locust	<i>Robinia pseudoacacia</i>	Dead	20
47	Black locust	<i>Robinia pseudoacacia</i>	Dead	23
48	Red maple	<i>Acer rubrum</i>	4	10
49	Black cherry	<i>Prunus serotina</i>	4	22
50	Silver maple	<i>Acer saccharinum</i>	3	13
51	Black locust	<i>Robinia pseudoacacia</i>	Dead	12
52	Black cherry	<i>Prunus serotina</i>	Dead	10
53	White mulberry	<i>Morus alba</i>	4	8
304	Slippery elm	<i>Ulmus rubra</i>	Dead	11
305	Slippery elm	<i>Ulmus rubra</i>	Dead	19
306	Black locust	<i>Robinia pseudoacacia</i>	4	23
307	Slippery elm	<i>Ulmus rubra</i>	3	7
308	Black locust	<i>Robinia pseudoacacia</i>	Dead	19
309	White mulberry	<i>Morus alba</i>	4	15
310	Black locust	<i>Robinia pseudoacacia</i>	Dead	22
311	White mulberry	<i>Morus alba</i>	Dead	16
312	Black locust	<i>Robinia pseudoacacia</i>	Dead	24,12
313	White mulberry	<i>Morus alba</i>	Dead	10
314	Unknown tree	-	Dead	7,6
317	White mulberry	<i>Morus alba</i>	Dead	13,12
318	Unknown tree	-	Dead	11
319	Silver maple	<i>Acer saccharinum</i>	4	24
320	Slippery elm	<i>Ulmus rubra</i>	Dead	18
321	Silver maple	<i>Acer saccharinum</i>	4	6
322	Silver maple	<i>Acer saccharinum</i>	4	12
323	Unknown tree	-	Dead	8
324	White mulberry	<i>Morus alba</i>	4	10
325	Silver maple	<i>Acer saccharinum</i>	4	42
326	Unknown tree	-	Dead	10
327	Black locust	<i>Robinia pseudoacacia</i>	Dead	25
328	White mulberry	<i>Morus alba</i>	Dead	11,7
329	Unknown tree	-	Dead	7
331	Green ash	<i>Fraxinus pennsylvanica</i>	Dead	14
332	Silver maple	<i>Acer saccharinum</i>	Dead	15
333	Black cherry	<i>Prunus serotina</i>	Dead	21
334	Unknown tree	-	Dead	8
335	White mulberry	<i>Morus alba</i>	4	15
336	Unknown tree	-	Dead	12

Tree #	Common Name	Scientific Name	Condition	DBH
337	Unknown tree	-	Dead	11
338	Silver maple	<i>Acer saccharinum</i>	4	24
339	Unknown tree	-	Dead	10
340	White mulberry	<i>Morus alba</i>	Dead	12
341	Norway maple	<i>Acer platanoides</i>	Dead	14
342	Silver maple	<i>Acer saccharinum</i>	4	38
343	Mulberry	<i>Morus sp.</i>	Dead	16
344	Black walnut	<i>Juglans nigra</i>	4	18
345	Slippery elm	<i>Ulmus rubra</i>	3	8
346	Black locust	<i>Robinia pseudoacacia</i>	Dead	14
347	Unknown snag	-	Dead	9
348	Black locust	<i>Robinia pseudoacacia</i>	Dead	14
349	Unknown snag	-	Dead	9
350	Unknown snag	-	Dead	9
351	Slippery elm	<i>Ulmus rubra</i>	4	13
352	Black locust	<i>Robinia pseudoacacia</i>	Dead	19
353	White mulberry	<i>Morus alba</i>	4	13
354	Unknown snag	-	Dead	6
355	Black cherry	<i>Prunus serotina</i>	4	20
356	Unknown snag	-	Dead	8
357	Unknown snag	-	Dead	12
358	Unknown snag	-	Dead	13
359	Unknown snag	-	Dead	9
360	Unknown snag	-	Dead	9
361	Norway maple	<i>Acer platanoides</i>	4	11
362	White mulberry	<i>Morus alba</i>	Dead	9
363	Unknown snag	-	Dead	9
364	Unknown snag	-	Dead	9
365	Black cherry	<i>Prunus serotina</i>	4	24
366	Unknown tree	-	Dead	9
367	Black locust	<i>Robinia pseudoacacia</i>	4	22
368	Green ash	<i>Fraxinus pennsylvanica</i>	Dead	26
369	Silver maple	<i>Acer saccharinum</i>	3	12
370	Black cherry	<i>Prunus serotina</i>	4	10
371	White mulberry	<i>Morus alba</i>	4	16
372	Norway maple	<i>Acer platanoides</i>	Dead	8
373	Unknown snag	-	Dead	13
374	Unknown tree	-	Dead	11
375	Slippery elm	<i>Ulmus rubra</i>	4	14
395	Unknown tree	-	Dead	11

NOTES:
1. TREES LISTED IN BOLD WITHIN THE TREE TABLE WERE DESIGNATED BY THE CONSENSUS BUILDING GROUP (CBG) AS TREES TO PRESERVE. LABELS FOR THESE TREES ARE UNDERLINED WITHIN THE PLAN VIEW.



CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
301 KING STREET, ROOM 4100
ALEXANDRIA, VIRGINIA 22314

REVISIONS	DATE	BY	DESCRIPTION
23086			
ALEXANDRIA PROJECT NO.:	23086		
DATE OF PLAN ISSUANCE:	60742359		
CONSULTANT PROJECT ID.:	60742359		
DESIGNED BY:	SB, TN, DATE: 10/20/23		
DRAWN BY:	SB, TN, DATE: 10/20/23		
CHECKED BY:	BA, DATE: 10/20/23		
APPROVED BY:	BA, DATE: 10/20/23		

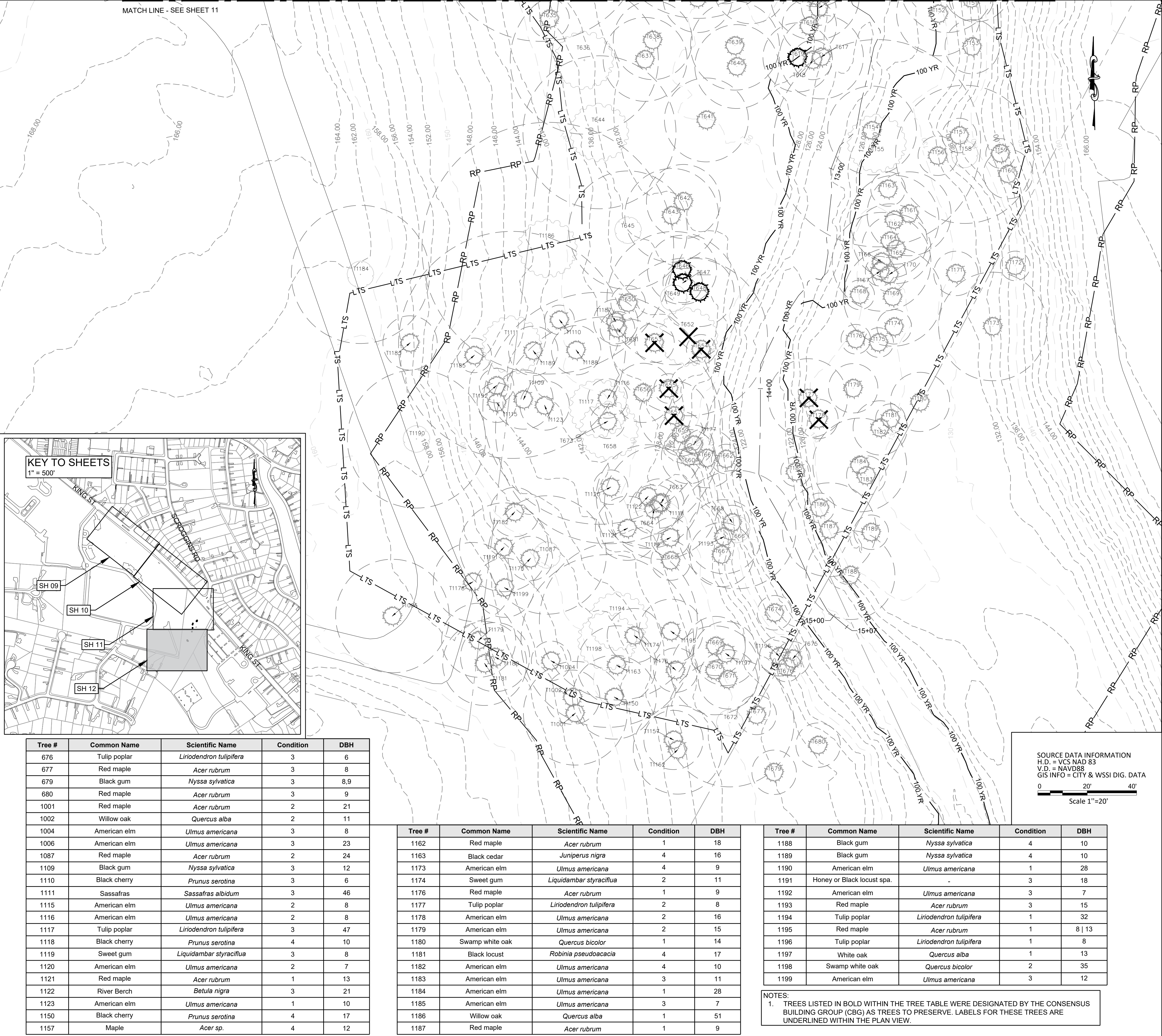
SEAL:

TREE INVENTORY

12420 MILESTONE CENTER DRIVE, SUITE 150
GERMANTOWN, MD 20876
(301) 250-2934

DRAWING: TI-01
SCALE: 1:20
SHEET: 09 OF 24

Tree #	Common Name	Scientific Name	Condition	DBH
152	Tulip poplar	<i>Liriodendron tulipifera</i>	2	17
153	Tulip poplar	<i>Liriodendron tulipifera</i>	3	11
154	Red maple	<i>Acer rubrum</i>	3	18
155	Tulip poplar	<i>Liriodendron tulipifera</i>	2	42
156	Honeylocust	<i>Gleditsia triacanthos</i>	Dead	8
157	Tulip poplar	<i>Liriodendron tulipifera</i>	2	7
158	Eastern cottonwood	<i>Populus deltoides</i>	3	28
159	American elm	<i>Ulmus americana</i>	3	6
160	American elm	<i>Ulmus americana</i>	3	10
161	Black locust	<i>Robinia pseudoacacia</i>	4	17
162	Tulip poplar	<i>Liriodendron tulipifera</i>	3	18
163	White mulberry	<i>Morus alba</i>	4	7
164	Unknown tree	-	Dead	15
165	Tulip poplar	<i>Liriodendron tulipifera</i>	3	14
166	Tulip poplar	<i>Liriodendron tulipifera</i>	2	20
167	Unknown tree	-	Dead	6
168	Slippery elm	<i>Ulmus rubra</i>	3	6
169	Tulip poplar	<i>Liriodendron tulipifera</i>	3	20
170	Red maple	<i>Acer rubrum</i>	2	7
171	Slippery elm	<i>Ulmus rubra</i>	3	9
172	Slippery elm	<i>Ulmus rubra</i>	3	6
173	American sycamore	<i>Platanus occidentalis</i>	2	22
174	Red maple	<i>Acer rubrum</i>	2	7
175	Black cherry	<i>Prunus serotina</i>	4	6
176	Red maple	<i>Acer rubrum</i>	3	6
177	Black cherry	<i>Prunus serotina</i>	Dead	16
178	Red maple	<i>Acer rubrum</i>	3	8
179	Red maple	<i>Acer rubrum</i>	2	10
180	Red maple	<i>Acer rubrum</i>	2	12
181	Tulip poplar	<i>Liriodendron tulipifera</i>	2	6
182	Red maple	<i>Acer rubrum</i>	2	11
183	Red maple	<i>Acer rubrum</i>	3	8
184	Black cherry	<i>Prunus serotina</i>	Dead	19
185	Tulip poplar	<i>Liriodendron tulipifera</i>	2	6
186	Red maple	<i>Acer rubrum</i>	3	6
187	Tulip poplar	<i>Liriodendron tulipifera</i>	3	19
188	Red maple	<i>Acer rubrum</i>	Dead	18
189	Unknown tree	-	4	7
616	Black locust	<i>Robinia pseudoacacia</i>	Dead	11
617	Red maple	<i>Acer rubrum</i>	3	17
618	Black locust	<i>Robinia pseudoacacia</i>	Dead	8
619	Black cherry	<i>Prunus serotina</i>	4	14
635	Sassafras	<i>Sassafras albidum</i>	Dead	8
636	Tulip poplar	<i>Liriodendron tulipifera</i>	2	28,30
637	Common persimmon	<i>Diospyros virginiana</i>	3	17
638	Red maple	<i>Acer rubrum</i>	3	16
639	Red maple	<i>Acer rubrum</i>	3	18
640	Red maple	<i>Acer rubrum</i>	3	17
641	Red maple	<i>Acer rubrum</i>	Dead	17
642	Red maple	<i>Acer rubrum</i>	3	9,15
643	Tulip poplar	<i>Liriodendron tulipifera</i>	Dead	19
644	Tulip poplar	<i>Liriodendron tulipifera</i>	2	24,31,24
645	Red maple	<i>Acer rubrum</i>	3	24
646	White oak	<i>Quercus alba</i>	3	14
647	Hickory species	<i>Carya sp.</i>	3	8,6
648	Post oak	<i>Quercus stellata</i>	3	14
649	Southern red oak	<i>Quercus falcata</i>	2	27
650	Slippery elm	<i>Ulmus rubra</i>	3	7
651	Red maple	<i>Acer rubrum</i>	3	7
652	Tulip poplar	<i>Liriodendron tulipifera</i>	Dead	32,13
653	Slippery elm	<i>Ulmus rubra</i>	3	8
654	Unknown tree	-	Dead	6
655	White oak	<i>Quercus alba</i>	Dead	6
656	Black gum	<i>Nyssa sylvatica</i>	3	12
657	Red maple	<i>Acer rubrum</i>	3	14
658	Tulip poplar	<i>Liriodendron tulipifera</i>	Dead	46
659	Red maple	<i>Acer rubrum</i>	Dead	9
660	Red maple	<i>Acer rubrum</i>	3	11
661	Southern red oak	<i>Quercus falcata</i>	3	12
662	Tulip poplar	<i>Liriodendron tulipifera</i>	3	6
663	Virginia pine	<i>Pinus virginiana</i>	Dead	23
664	Black cherry	<i>Prunus serotina</i>	3	10
665	Red maple	<i>Acer rubrum</i>	3	7
666	Tulip poplar	<i>Liriodendron tulipifera</i>	2	24
667	Red maple	<i>Acer rubrum</i>	3	13
668	Sweet gum	<i>Liquidambar styraciflua</i>	4	8
669	Sassafras	<i>Sassafras albidum</i>	Dead	12
670	Virginia pine	<i>Pinus virginiana</i>	Dead	18
671	White oak	<i>Quercus alba</i>	3	12
672	Tulip poplar	<i>Liriodendron tulipifera</i>	1	26
673	Slippery elm	<i>Ulmus rubra</i>	3	7
674	Tulip poplar	<i>Liriodendron tulipifera</i>	3	7
675	Red maple	<i>Acer rubrum</i>	3	7



AECOM
12420 Milestone Center Drive
Suite 150
Germantown, Maryland 20876
aecom.com