

42nd Street Pedestrian Trail

Urban Design Committee
May 16, 2024

Project for:



DEPARTMENT OF
**PARKS, RECREATION
AND COMMUNITY
FACILITIES**

Project by:



TIMMONS GROUP

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1 Existing Conditions

Existing Conditions Map

Existing Site Photos

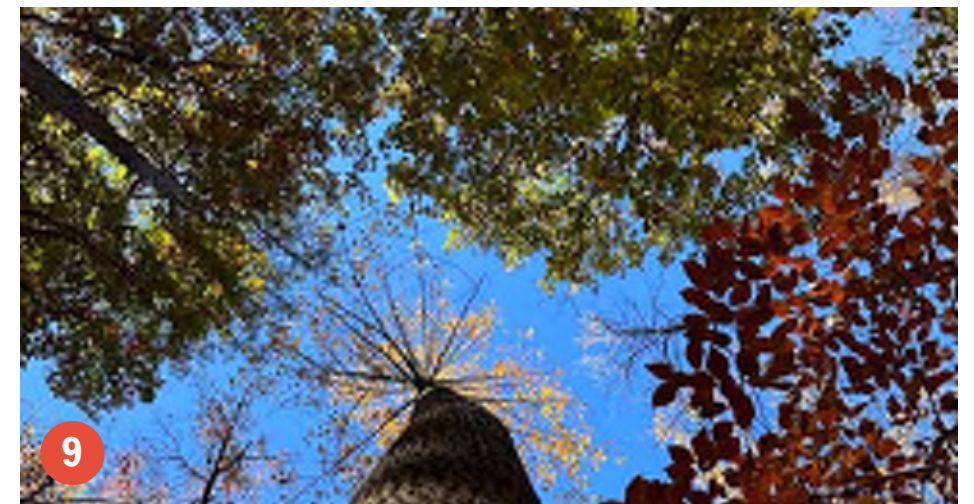
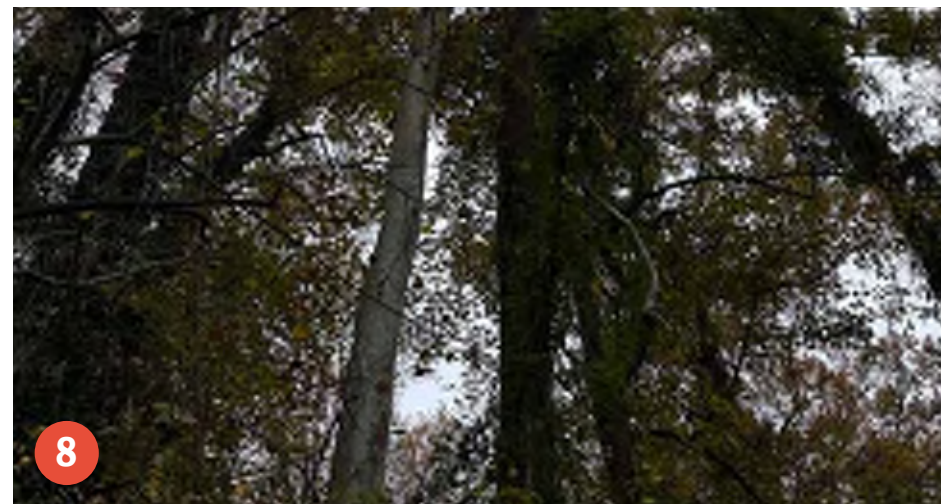
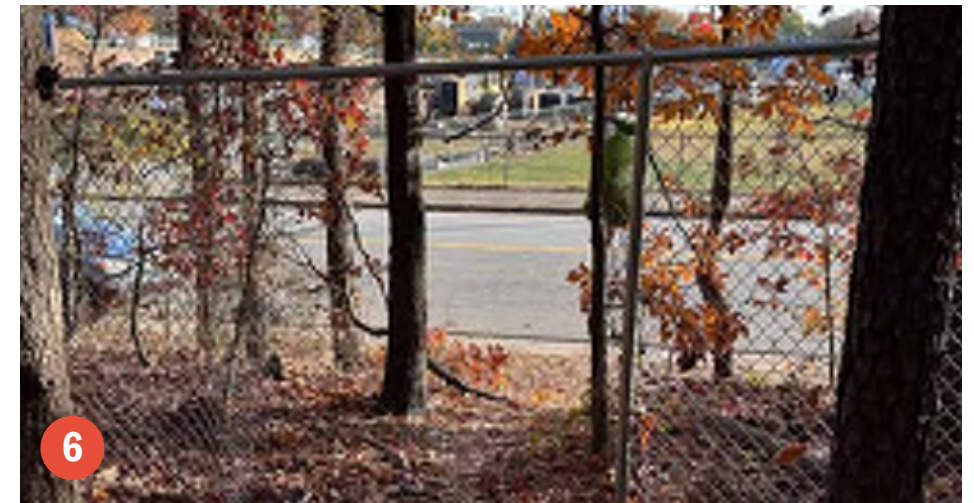
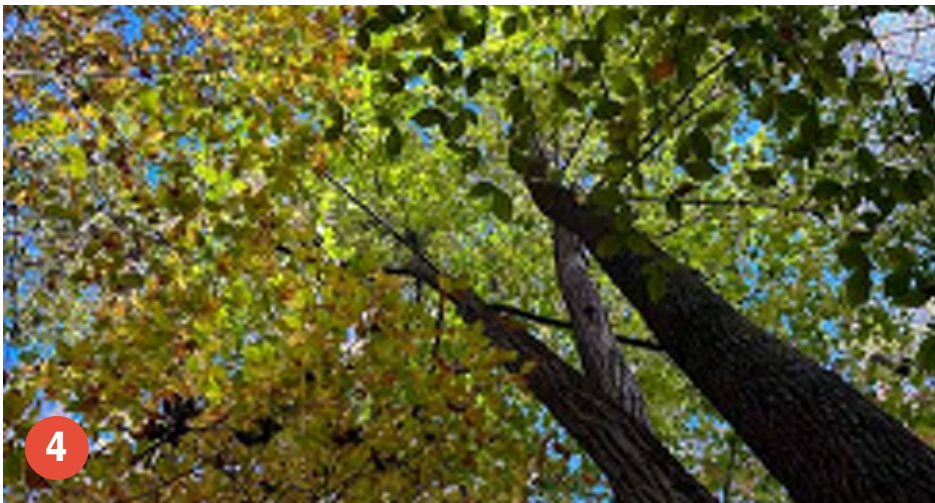
Existing Tree Inventory

Existing Conditions

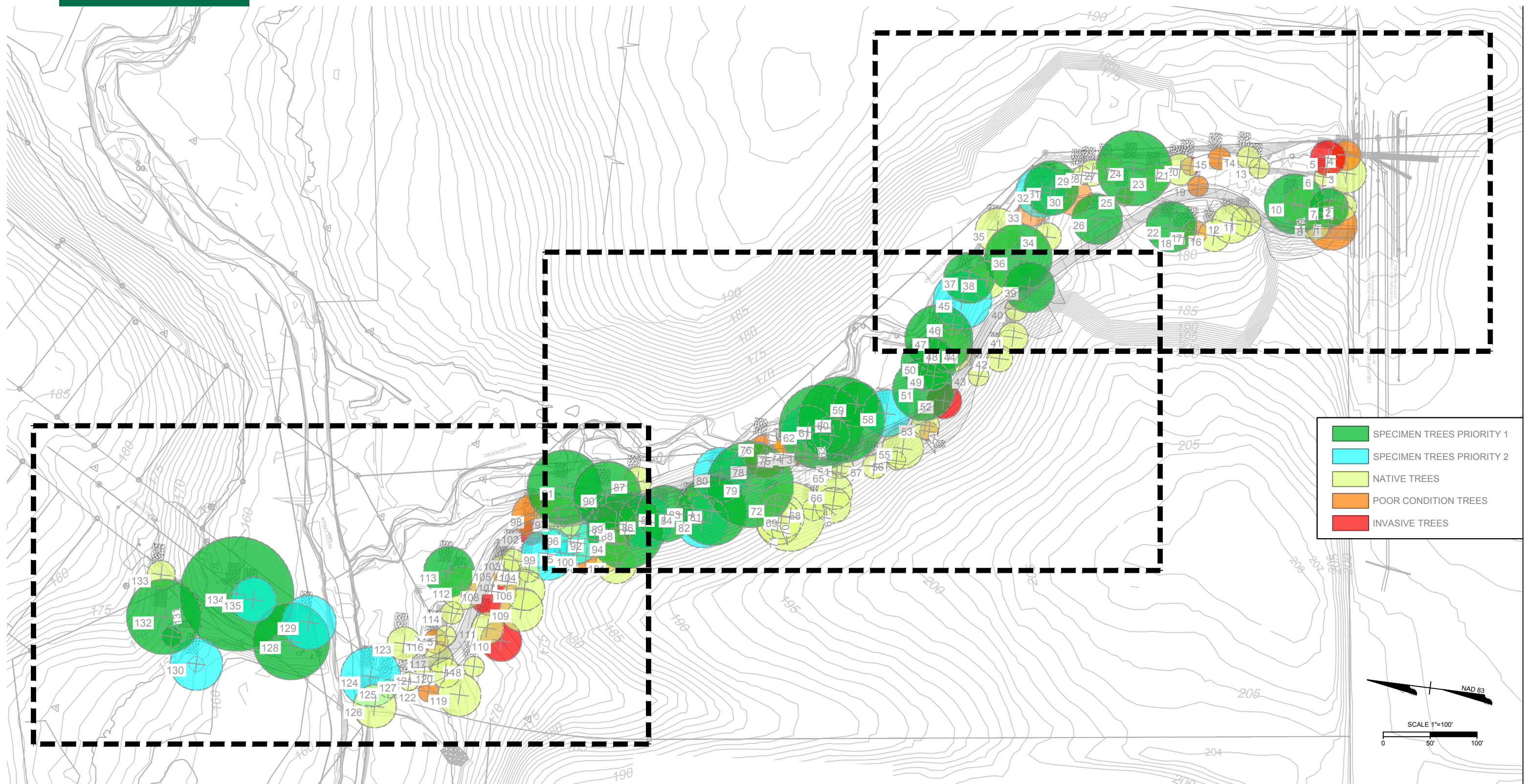
- Heavily forested parcel with mature deciduous forest comprised largely of oak, tulip poplar, sweetgum, and beech trees.
- Variability in topography due to multiple riparian conditions and ridgelines
- Bordered by residential neighborhoods on the north, east, and west sides and by George Wythe High School on the south side.
- Current bike routes to the north and south sides of the parcel



Existing Conditions

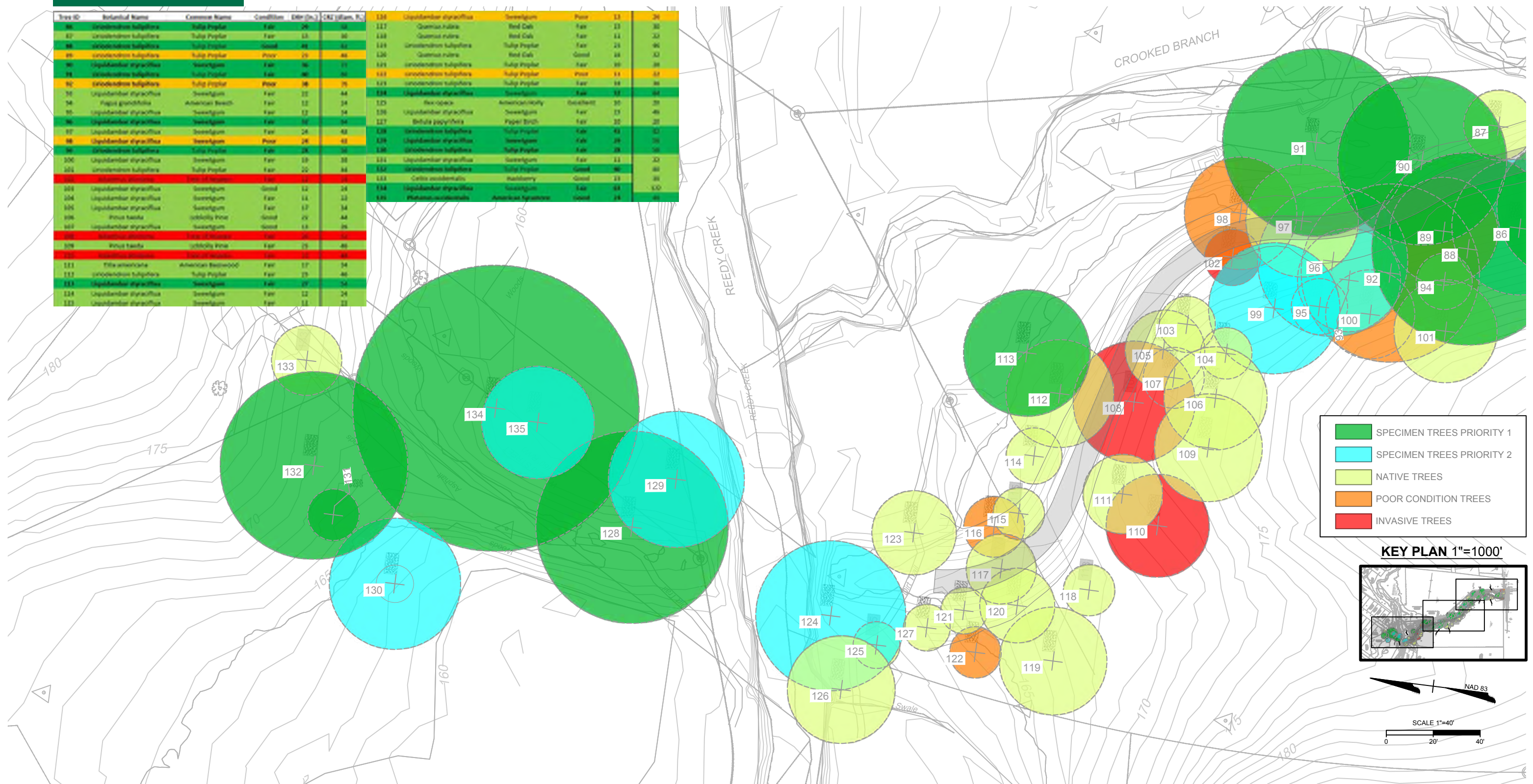


Tree Inventory



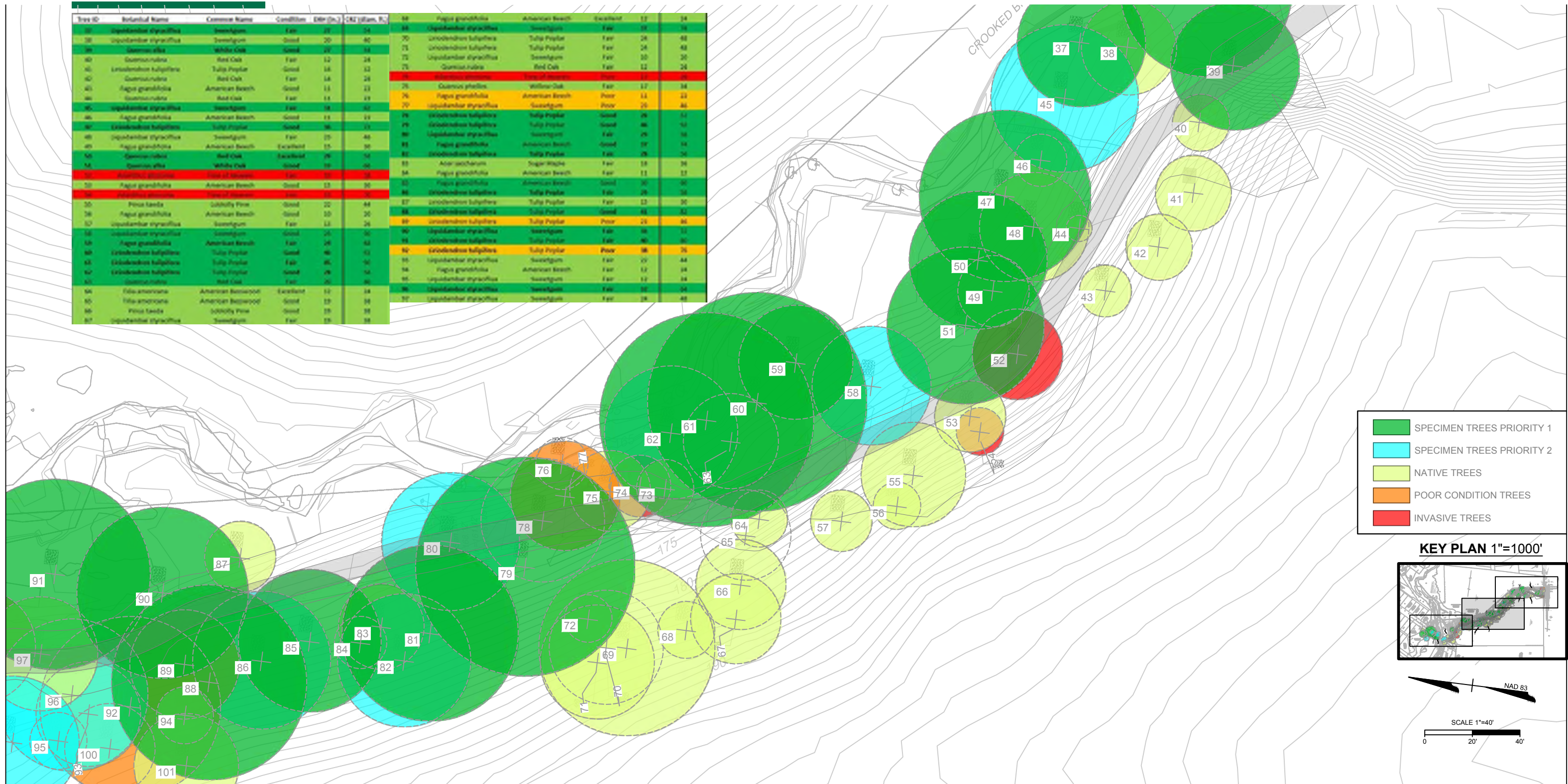
Tree Inventory

Tree ID	Botanical Name	Common Name	Condition	DBH (in.)	CAZ (ft)	Tree ID	Botanical Name	Common Name	Condition	DBH (in.)	CAZ (ft)
86	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	26	34	117	<i>Quercus rubra</i>	Red Oak	Fair	13	30
87	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	33	36	118	<i>Quercus rubra</i>	Red Oak	Fair	11	33
88	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	41	43	119	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	21	46
89	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	21	44	120	<i>Quercus rubra</i>	Red Oak	Good	14	33
90	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	16	31	121	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	10	38
91	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	36	36	122	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	11	37
92	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	16	26	123	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	14	34
93	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	11	44	124	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	34
94	<i>Fagus grandifolia</i>	American Beech	Fair	12	34	125	<i>Rhus copallina</i>	American Holly	Excellent	20	28
95	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	34	126	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	13	46
96	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	34	127	<i>Betula papyrifera</i>	Paper Birch	Fair	20	20
97	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	24	43	128	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	43	30
98	<i>Liquidambar styraciflua</i>	Sweetgum	Poor	26	43	129	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	29	36
99	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	28	36	130	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	28	36
100	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	19	33	131	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	11	30
101	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	20	34	132	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	36	40
102	<i>Alnus incana</i>	European Alder	Fair	12	24	133	<i>Carya occidentalis</i>	Hickory	Good	13	30
103	<i>Liquidambar styraciflua</i>	Sweetgum	Good	12	24	134	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	14	30
104	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	13	24	135	<i>Platanus occidentalis</i>	American Sycamore	Good	24	40
105	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	13	24						
106	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
107	<i>Pinus taeda</i>	Loblolly Pine	Good	19	44						
108	<i>Liquidambar styraciflua</i>	Sweetgum	Good	14	26						
109	<i>Alnus incana</i>	European Alder	Fair	12	24						
110	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44						
111	<i>Alnus incana</i>	European Alder	Fair	12	24						
112	<i>Tilia americana</i>	American Basswood	Fair	17	34						
113	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	19	46						
114	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	19	34						
115	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
116	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
117	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
118	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
119	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
120	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
121	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
122	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
123	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
124	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
125	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
126	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
127	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
128	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
129	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
130	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
131	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
132	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
133	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
134	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						
135	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34						



Tree Inventory

Tree ID	Botanical Name	Common Name	Condition	DBH (in.)	CAZ (ft. x ft.)
37	Liquidambar styraciflua	Sweetgum	Fair	20	34
38	Liquidambar styraciflua	Sweetgum	Good	20	34
39	Quercus alba	White Oak	Good	20	34
40	Quercus rubra	Red Oak	Fair	12	24
41	Liriodendron tulipifera	Tulip Poplar	Good	18	32
42	Quercus rubra	Red Oak	Fair	18	28
43	Fagus grandifolia	American Beech	Good	11	22
44	Quercus rubra	Red Oak	Fair	11	22
45	Liquidambar styraciflua	Sweetgum	Fair	18	32
46	Fagus grandifolia	American Beech	Good	11	22
47	Liriodendron tulipifera	Tulip Poplar	Good	18	32
48	Liquidambar styraciflua	Sweetgum	Fair	15	30
49	Fagus grandifolia	American Beech	Excellent	15	30
50	Quercus alba	White Oak	Good	18	32
51	Quercus alba	White Oak	Good	18	32
52	Fagus grandifolia	American Beech	Good	13	26
53	Liriodendron tulipifera	Tulip Poplar	Fair	15	30
54	Fagus grandifolia	American Beech	Good	13	26
55	Liriodendron tulipifera	Tulip Poplar	Fair	15	30
56	Liriodendron tulipifera	Tulip Poplar	Good	15	30
57	Liriodendron tulipifera	Tulip Poplar	Fair	15	30
58	Liriodendron tulipifera	Tulip Poplar	Good	15	30
59	Liriodendron tulipifera	Tulip Poplar	Good	15	30
60	Liriodendron tulipifera	Tulip Poplar	Good	15	30
61	Liriodendron tulipifera	Tulip Poplar	Good	15	30
62	Liriodendron tulipifera	Tulip Poplar	Good	15	30
63	Liriodendron tulipifera	Tulip Poplar	Good	15	30
64	Liriodendron tulipifera	Tulip Poplar	Good	15	30
65	Liriodendron tulipifera	Tulip Poplar	Good	15	30
66	Liriodendron tulipifera	Tulip Poplar	Good	15	30
67	Liriodendron tulipifera	Tulip Poplar	Good	15	30
68	Liriodendron tulipifera	Tulip Poplar	Good	15	30
69	Liriodendron tulipifera	Tulip Poplar	Good	15	30
70	Liriodendron tulipifera	Tulip Poplar	Good	15	30
71	Liriodendron tulipifera	Tulip Poplar	Good	15	30
72	Liriodendron tulipifera	Tulip Poplar	Good	15	30
73	Liriodendron tulipifera	Tulip Poplar	Good	15	30
74	Liriodendron tulipifera	Tulip Poplar	Good	15	30
75	Liriodendron tulipifera	Tulip Poplar	Good	15	30
76	Liriodendron tulipifera	Tulip Poplar	Good	15	30
77	Liriodendron tulipifera	Tulip Poplar	Good	15	30
78	Liriodendron tulipifera	Tulip Poplar	Good	15	30
79	Liriodendron tulipifera	Tulip Poplar	Good	15	30
80	Liriodendron tulipifera	Tulip Poplar	Good	15	30
81	Liriodendron tulipifera	Tulip Poplar	Good	15	30
82	Liriodendron tulipifera	Tulip Poplar	Good	15	30
83	Liriodendron tulipifera	Tulip Poplar	Good	15	30
84	Liriodendron tulipifera	Tulip Poplar	Good	15	30
85	Liriodendron tulipifera	Tulip Poplar	Good	15	30
86	Liriodendron tulipifera	Tulip Poplar	Good	15	30
87	Liriodendron tulipifera	Tulip Poplar	Good	15	30
88	Liriodendron tulipifera	Tulip Poplar	Good	15	30
89	Liriodendron tulipifera	Tulip Poplar	Good	15	30
90	Liriodendron tulipifera	Tulip Poplar	Good	15	30
91	Liriodendron tulipifera	Tulip Poplar	Good	15	30
92	Liriodendron tulipifera	Tulip Poplar	Good	15	30
93	Liriodendron tulipifera	Tulip Poplar	Good	15	30
94	Liriodendron tulipifera	Tulip Poplar	Good	15	30
95	Liriodendron tulipifera	Tulip Poplar	Good	15	30
96	Liriodendron tulipifera	Tulip Poplar	Good	15	30
97	Liriodendron tulipifera	Tulip Poplar	Good	15	30
98	Liriodendron tulipifera	Tulip Poplar	Good	15	30
99	Liriodendron tulipifera	Tulip Poplar	Good	15	30
100	Liriodendron tulipifera	Tulip Poplar	Good	15	30
101	Liriodendron tulipifera	Tulip Poplar	Good	15	30



Tree Inventory

Tree ID	Botanical Name	Common Name	Condition	DBH (in)	CDB (ft)	16	17	18	19	20
1	<i>Liquidambar styraciflua</i>	Sweetgum	Poor	20	14					
2	<i>Quercus rubra</i>	Red Oak	Fair	14	28					
3	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	25	42					
4	<i>Liquidambar styraciflua</i>	Sweetgum	Poor	18	12					
5	<i>Azalea speciosa</i>	Flora of Azalea	Fair	28	28					
6	<i>Amelanchier</i>	Black Cherry	Fair	18	20					
7	<i>Quercus rubra</i>	Red Oak	Fair	22	40					
8	<i>Quercus rubra</i>	Red Oak	Good	15	30					
9	<i>Quercus rubra</i>	Red Oak	Fair	15	30					
10	<i>Quercus alba</i>	White Oak	Good	30	54					
11	<i>Quercus rubra</i>	Red Oak	Good	28	52					
12	<i>Alex rubrum</i>	Red Maple	Good	22	42					
13	<i>Carolinianalis</i>	Hickory	Fair	12	22					
14	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	10	24					
15	<i>Nyssa sylvatica</i>	Sweet	Poor	10	24					
16	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	24					
17	<i>Ulmus sp.</i>	American Elm	Poor	10	24					
18	<i>Quercus rubra</i>	Red Oak	Fair	12	24					
19	<i>Alex rubrum</i>	Red Maple	Poor	12	24					
20	<i>Azalea speciosa</i>	Flora of Azalea	Fair	28	28					
21	<i>Alex rubrum</i>	Red Maple	Fair	17	34					
22	<i>Quercus alba</i>	White Oak	Good	27	54					
23	<i>Quercus alba</i>	White Oak	Good	35	60					
24	<i>Quercus alba</i>	White Oak	Good	35	60					
25	<i>Quercus rubra</i>	Red Oak	Fair	40	70					
26	<i>Carya</i>	Hickory	Poor	20	30					
27	<i>Quercus alba</i>	White Oak	Fair	22	34					
28	<i>Alex rubrum</i>	Red Maple	Fair	10	30					
29	<i>Alex rubrum</i>	Red Maple	Fair	18	28					
30	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
31	<i>Alex rubrum</i>	Red Maple	Fair	20	30					
32	<i>Liriodendron tulipifera</i>	White Poplar	Fair	25	34					
33	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	15	30					
34	<i>Liquidambar styraciflua</i>	Tulip Poplar	Good	15	30					
35	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	18	48					
36	<i>Quercus alba</i>	White Oak	Good	36	72					
37	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	25	34					
38	<i>Liquidambar styraciflua</i>	Sweetgum	Good	20	40					
39	<i>Quercus alba</i>	White Oak	Good	25	54					
40	<i>Quercus rubra</i>	Red Oak	Fair	12	24					
41	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	14	32					
42	<i>Quercus rubra</i>	Red Oak	Good	14	28					
43	<i>Agave grandifolia</i>	American Beach	Good	11	11					
44	<i>Quercus rubra</i>	Red Oak	Fair	11	11					
45	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	18	32					
46	<i>Agave grandifolia</i>	American Beach	Good	11	11					
47	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	16	32					

