

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

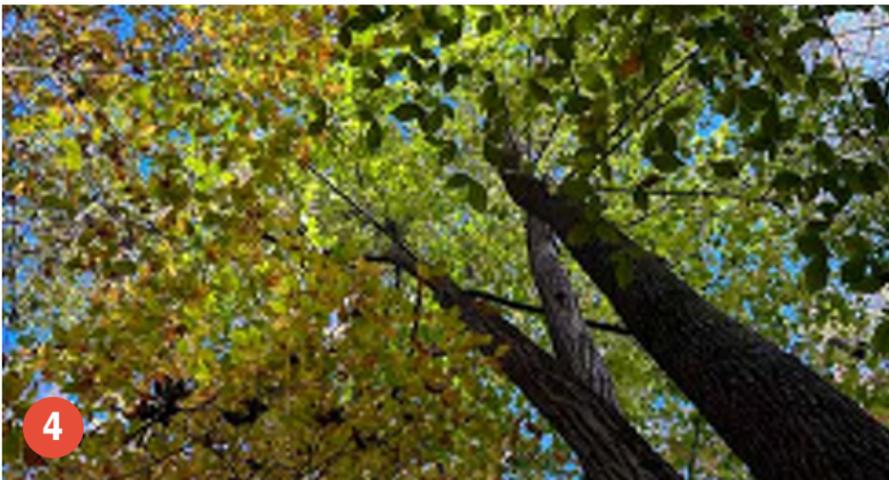
- Heavily forested parcel with mature deciduous forest comprised largely of oak, tulip poplar, sweetgum, and beech trees.
- Variability in topography due to multiple riparian conditions and ridgelines
- Bordered by residential neighborhoods on the north, east, and west sides and by George Wythe High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



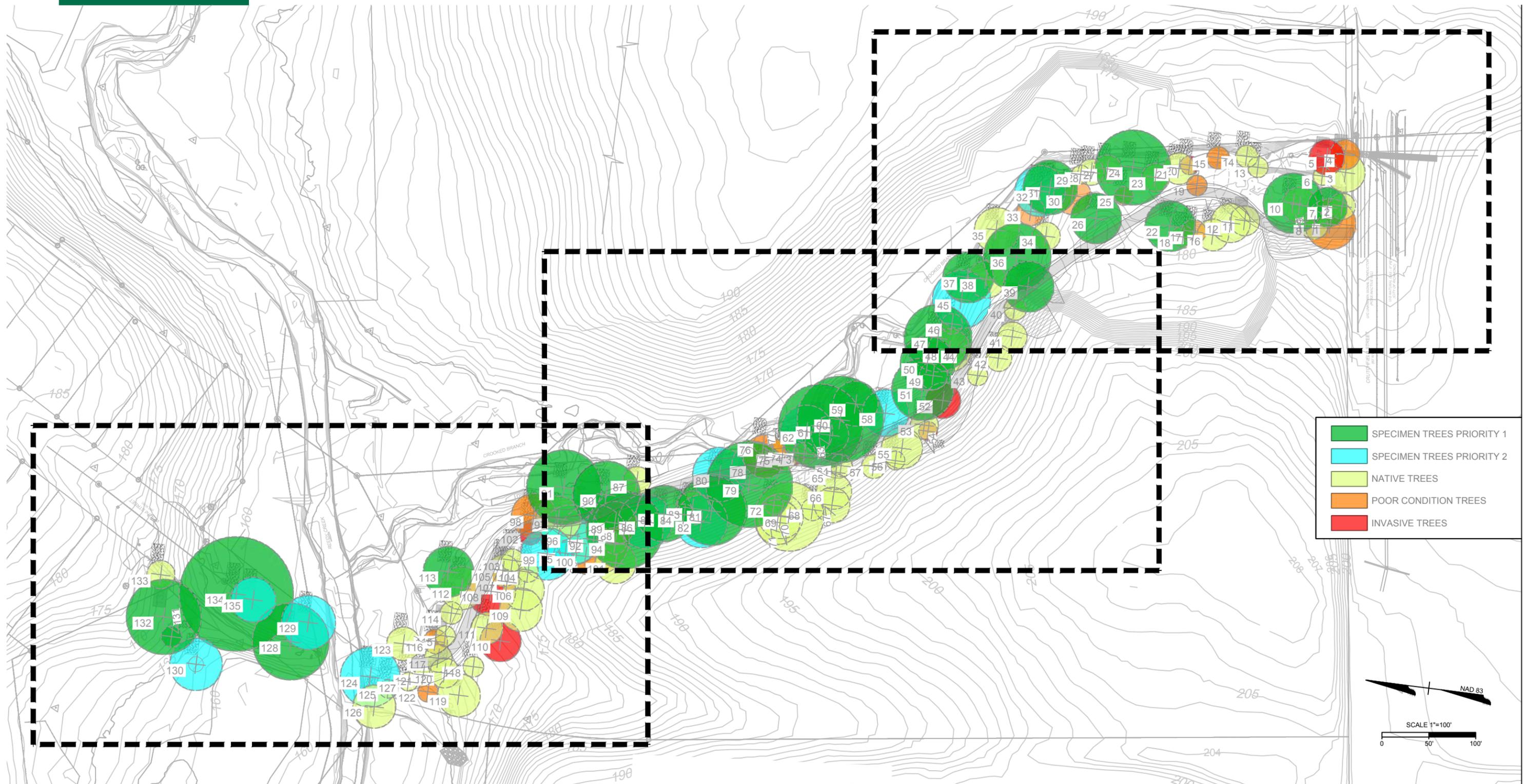
CROOKED BRANCH PEDESTRIAN TRAIL
TIMMONS GROUP | JUNE 6, 2024



Existing Conditions

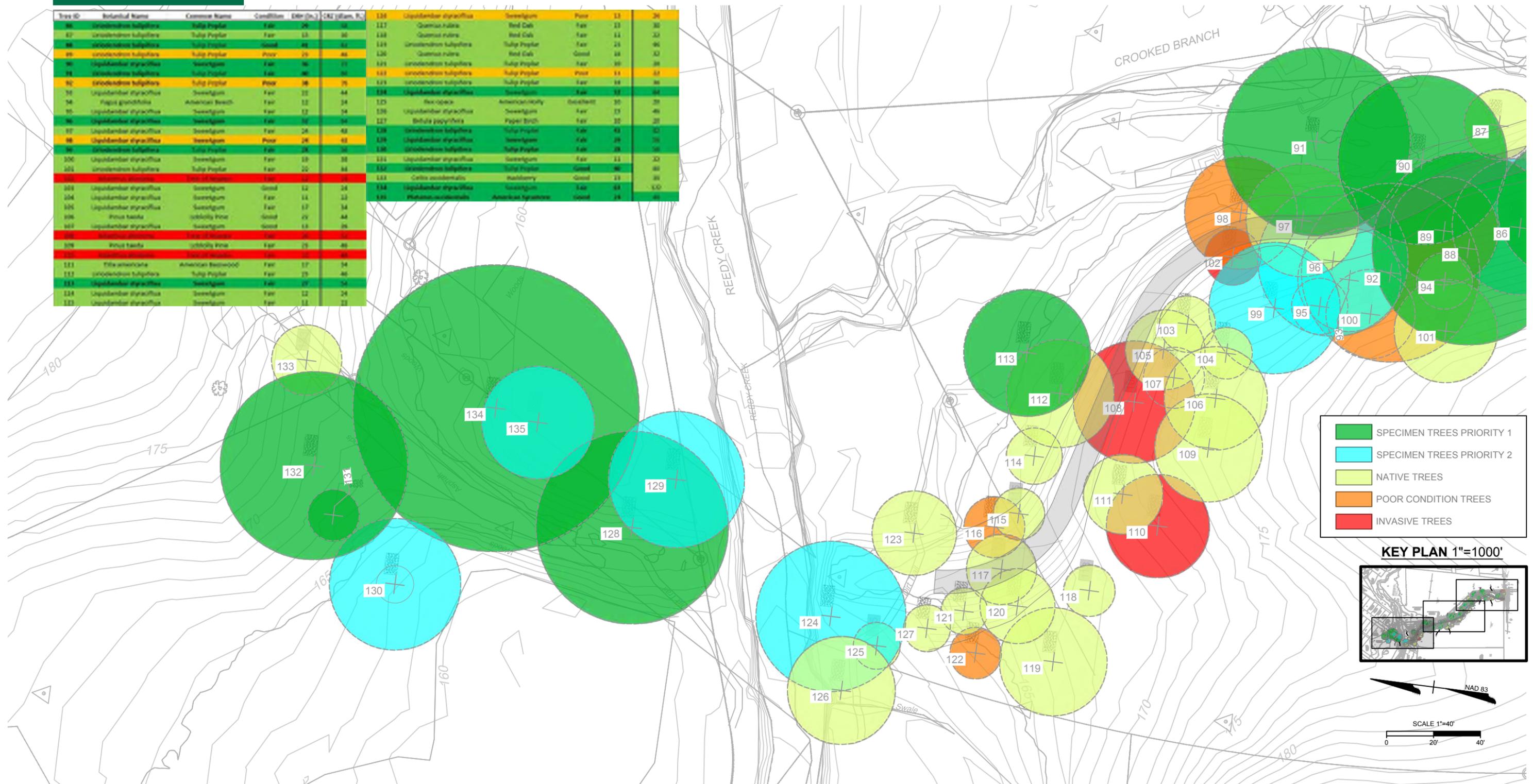


Tree Inventory



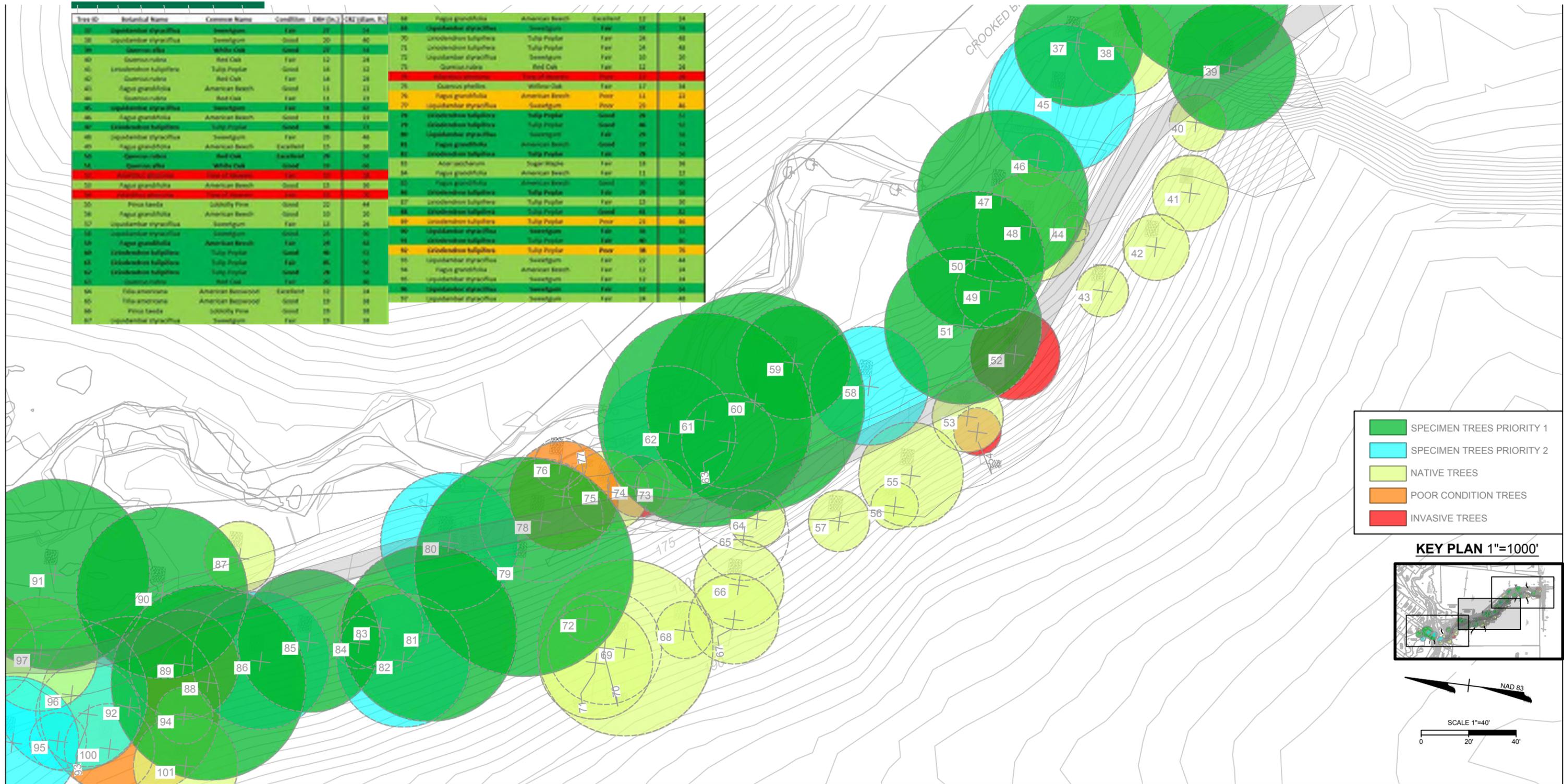
Tree Inventory

Tree ID	Botanical Name	Common Name	Condition	DBH (in.)	CAZ (ft. x ft.)
86	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	26	34
87	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	33	36
88	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	48	62
89	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	29	44
90	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	36	39
91	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	36	36
92	<i>Liriodendron tulipifera</i>	Tulip Poplar	Poor	36	26
94	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	44
95	<i>Fagus grandifolia</i>	American Beech	Fair	12	34
96	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	32	34
97	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	32	34
98	<i>Liquidambar styraciflua</i>	Sweetgum	Poor	26	44
99	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	28	36
100	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	39	38
101	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	20	34
102	<i>Platanus occidentalis</i>	Fern Strangler	Fair	12	24
103	<i>Liquidambar styraciflua</i>	Sweetgum	Good	12	24
104	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	13	22
105	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	17	34
106	<i>Pinus taeda</i>	Loblolly Pine	Good	19	44
107	<i>Liquidambar styraciflua</i>	Sweetgum	Good	13	26
108	<i>Platanus occidentalis</i>	Fern Strangler	Fair	20	34
109	<i>Thuja occidentalis</i>	Eastern Red Cedar	Fair	12	44
110	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
111	<i>Pinus taeda</i>	Loblolly Pine	Good	19	44
112	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
113	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
114	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
115	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
116	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
117	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
118	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
119	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
120	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
121	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
122	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
123	<i>Pinus taeda</i>	Loblolly Pine	Fair	19	44
124	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
125	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
126	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
127	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
128	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
129	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
130	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
131	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
132	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
133	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
134	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
135	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
136	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	34
137	<i>Quercus rubra</i>	Red Oak	Fair	13	30
138	<i>Quercus rubra</i>	Red Oak	Fair	13	30
139	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	23	36
140	<i>Quercus rubra</i>	Red Oak	Good	14	30
141	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	30	38
142	<i>Quercus rubra</i>	Red Oak	Fair	11	30
143	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	34	34
144	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	32	34
145	<i>Thuja occidentalis</i>	American Holly	Excellent	30	38
146	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	46
147	<i>Betula papyrifera</i>	Paper Birch	Fair	20	20
148	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	43	50
149	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	29	36
150	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	28	36
151	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	33	30
152	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	36	40
153	<i>Carya occidentalis</i>	Hickory	Good	13	30
154	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	44	50
155	<i>Platanus occidentalis</i>	American Strangler	Good	18	40



Tree Inventory

Tree ID	Botanical Name	Common Name	Condition	DBH (in.)	CAZ (ftm. ft.)
37	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	22	24
38	<i>Liquidambar styraciflua</i>	Sweetgum	Good	20	40
39	<i>Quercus alba</i>	White Oak	Good	22	34
40	<i>Quercus rubra</i>	Red Oak	Fair	12	24
41	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	14	12
42	<i>Quercus rubra</i>	Red Oak	Fair	14	24
43	<i>Fagus grandifolia</i>	American Beech	Good	11	22
44	<i>Quercus rubra</i>	Red Oak	Fair	11	22
45	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	14	24
46	<i>Fagus grandifolia</i>	American Beech	Good	11	22
47	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	16	22
48	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	15	40
49	<i>Fagus grandifolia</i>	American Beech	Excellent	15	30
50	<i>Quercus alba</i>	White Oak	Excellent	24	34
51	<i>Quercus alba</i>	White Oak	Good	20	34
52	<i>Alnus incana</i>	European Alder	Fair	10	24
53	<i>Fagus grandifolia</i>	American Beech	Good	13	30
54	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	10	24
55	<i>Pinus taeda</i>	Loblolly Pine	Good	22	44
56	<i>Fagus grandifolia</i>	American Beech	Good	10	20
57	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	24
58	<i>Liquidambar styraciflua</i>	Sweetgum	Good	24	30
59	<i>Fagus grandifolia</i>	American Beech	Fair	24	40
60	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	24	30
61	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
62	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
63	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
64	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
65	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
66	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
67	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
68	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
69	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
70	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
71	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
72	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
73	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
74	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
75	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
76	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
77	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
78	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
79	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
80	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
81	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
82	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
83	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
84	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
85	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
86	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
87	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
88	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
89	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
90	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
91	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
92	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
93	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
94	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
95	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
96	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
97	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
98	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
99	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
100	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	30
101	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	24	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>Azadirachta indica</i>	Tree of India	Fair	28	28					
6	<i>Prunus virginiana</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>	Sycamore	Poor	10	24					
16	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	12	24					
17	<i>Ulmus spp.</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>Azadirachta indica</i>	Tree of India	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	60					
26	<i>Quercus alba</i>	White Oak	Good	30	54					
27	<i>Quercus alba</i>	White Oak	Good	30	54					
28	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
29	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
30	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
31	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
32	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
33	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
34	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
35	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
36	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
37	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
38	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
39	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
40	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
41	<i>Alex rubrum</i>	Red Maple	Fair	10	20					
42	<i>Quercus alba</i>	White Oak	Fair	29	54					
43	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	25	54					
44	<i>Liquidambar styraciflua</i>	Sweetgum	Poor	15	30					
45	<i>Liriodendron tulipifera</i>	Tulip Poplar	Fair	24	48					
46	<i>Quercus alba</i>	White Oak	Excellent	36	72					
47	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	25	54					
48	<i>Liquidambar styraciflua</i>	Sweetgum	Good	20	40					
49	<i>Quercus alba</i>	White Oak	Good	25	54					
50	<i>Quercus rubra</i>	Red Oak	Fair	12	24					
51	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	14	28					
52	<i>Quercus rubra</i>	Red Oak	Fair	14	28					
53	<i>Agave grandifolia</i>	American Beach	Good	11	11					
54	<i>Quercus rubra</i>	Red Oak	Fair	11	11					
55	<i>Liquidambar styraciflua</i>	Sweetgum	Fair	18	36					
56	<i>Agave grandifolia</i>	American Beach	Good	11	11					
57	<i>Liriodendron tulipifera</i>	Tulip Poplar	Good	14	28					

