



Natural Path Urban Forestry Consultants

Providing customized forest management for urban and rural communities

TO: Cathy Stevens & Elizabeth Zimmerman
FROM: Mark Duntemann
DATE: May 3, 2018
SUBJECT: Middlebury Town Green Tree Maintenance Recommendations

A total of sixty trees were inventoried on three separate parcels: the Town Green, the Traffic Triangle and the Traffic Circle. Of these, fifty trees were assigned one of four maintenance actions: Remove, Prune – Crown Clean, Prune – Structural or Cable. The following narrative provides a brief description of each maintenance action and the list of tree having that particular action. The action assigned to a tree is a recommendation. I strongly encourage the committee to observe the removal and cabling recommendations in the field.

Remove – Eight trees were recommended for removal. Six of the eight trees had one or more structural issues that increased the likelihood of failure in conjunction with a moderate to high likelihood of striking a target. Two of the trees, the crabapple and green ash are low risk, but multi-stemmed and decline in health.

Tree #	Site	Species	DM	Cond	Risk	Priority	Comments
58	Round About	Maple, Sugar	21	Poor	High	High	
59	Round About	Maple, Sugar	26	Poor	High	High	
6	Town Green	Crabapple	8	Poor	Low	Low	7 stems
7	Town Green	Maple, Norway	19	Poor	Moderate	High	
12	Town Green	Ash, Green	21	Fair	Low	Low	4 Stems
19	Town Green	Maple, Sugar	34	Poor	High	High	
20	Town Green	Maple, Silver	32	Very Poor	High	High	
24	Town Green	Linden, American	20	Very Poor	Moderate	High	

Middlebury Town Green Tree Re-inventory Project

Prune – Crown Clean – Thirty-five trees were identified as requiring crown cleaning, as defined within the ANSI A300 standards. This is the pruning of any dead, dying or crossing branches.

Tree #	Site	Species	DM	Cond	Risk	Priority	Comments
53	Circle	Maple, Norway	21	Fair	Low	High	
54	Circle	Ash, White	23	Fair	Low	High	
10	Town Green	Maple, Norway	31	Fair	Low	High	Seam
13	Town Green	Maple, Norway	26	Fair	Low	High	
28	Town Green	Maple, Norway	18	Poor	Low	High	
34	Town Green	Horsechestnut	29	Fair	Low	High	
41	Town Green	Ash, Green	25	Good	Low	High	
43	Town Green	Maple, Sugar	14	Fair	Low	High	
48	Triangle	Oak, Bur	36	Good	Low	High	
49	Circle	Linden, American	33	Good	Low	Low	
50	Circle	Maple, Norway	14	Good	Low	Low	
51	Circle	Maple, Norway	12	Excellent	Low	Low	
55	Circle	Maple, Sugar	29	Fair	Low	Low	
1	Town Green	Maple, Norway	20	Good	Low	Low	
3	Town Green	Maple, Sugar	18	Good	Low	Low	
4	Town Green	Maple, Sugar	22	Fair	Low	Low	
5	Town Green	Maple, Sugar	27	Fair	Low	Low	
14	Town Green	Maple, Sugar	22	Good	Low	Low	
16	Town Green	Maple, Norway	15	Good	Low	Low	
21	Town Green	Oak, Red	12	Good	Low	Low	
22	Town Green	Maple, Norway	19	Good	Low	Low	
25	Town Green	Linden, American	17	Good	Low	Low	
26	Town Green	Maple, Norway	14	Good	Low	Low	
27	Town Green	Horsechestnut	9	Fair	Low	Low	
30	Town Green	Oak, Pin	8	Excellent	Low	Low	
31	Town Green	Maple, Sugar	21	Good	Low	Low	
32	Town Green	Oak, Pin	19	Excellent	Low	Low	
33	Town Green	Linden, American	20	Good	Low	Low	
34	Town Green	Horsechestnut	29	Fair	Low	High	
37	Town Green	Maple, Sugar	15	Good	Low	Low	
38	Town Green	Spruce, Norway	23	Good	Low	Low	
39	Town Green	Spruce, Norway	11	Good	Low	Low	
44	Town Green	Maple, Norway	18	Fair	Low	Low	
45	Town Green	Maple, Norway	11	Good	Low	Low	
46	Town Green	Ash, Green	13	Fair	Low	Low	
47	Town Green	Maple, Norway	12	Fair	Low	Low	

Middlebury Town Green Tree Re-inventory Project

Prune – Structural – Five trees were identified as requiring structural pruning, as defined within the ANSI A300 standards.

Tree #	Site	Species	DM	Cond	Risk	Priority	Comments
8	Town Green	Maple, Freeman	5	Excellent	Low	Low	
9	Town Green	Maple, Freeman	5	Excellent	Low	Low	
29	Town Green	Maple, Freeman	4	Excellent	Low	Low	
35	Town Green	Maple, Freeman	3	Excellent	Low	Low	
40	Town Green	Maple, Freeman	4	Excellent	Low	Low	

Cable – Two trees were identified as requiring cabling. The Horsechestnut should be a priority if funds are limited. Both trees are also on the crown cleaning list.

Tree #	Site	Species	DM	Cond	Risk	Priority	Comments
5	Town Green	Maple, Sugar	27	Fair	Low	Low	
34	Town Green	Horsechestnut	29	Fair	Low	High	