

CANOPY CALCULATION CHART - SITE

File Name: Linbrook School

File Number:

Tree#	TREE SPECIES	Category (S,M,L)	SOIL VOLUME PER TREE(m ³)	CANOPY AREA (m ²)	CANOPY AREA SUB-TOTAL (m ²)
Large Stature Trees (14m+ spread)					
P1	Acer saccharinum	Large	42.42	36.6031	
P2	Acer saccharinum	Large	46.48	64	
P15	Acer saccharinum	Large	45	34.479	
P16	Acer saccharinum	Large	45	64	
P17	Acer saccharinum	Large	45	40.3027	
P34	Acer saccharinum	Large	57.6	64	
P35	Acer saccharinum	Large	61.6578	58.618	
P36	Acer saccharinum	Large	71.4203	58.618	
P37	Acer saccharinum	Large	90.1972	58.618	
Medium Stature Trees (10-13m spread)					
P3	Gleditsia triacanthos var. 'Iner Draves'	Medium	25.35	38	
P4	Gleditsia triacanthos var. 'Iner Draves'	Medium	15.8	38	
P21	Picea glauca	Medium	34.18	20	
P22	Picea glauca	Medium	24	20	
P23	Picea glauca	Medium	33.14	20	
P13	Liriodendron tulipifera 'Arnold'	Medium	30	38	
P14	Liriodendron tulipifera 'Arnold'	Medium	30	38	
P18	Cercis canadensis	Medium	15	2.5486	
P19 (H)	Tsuga canadensis	Medium	12	0	
P20 (H)	Tsuga canadensis	Medium	12	0	
P21 (H)	Tsuga canadensis	Medium	12	0	
P22 (H)	Tsuga canadensis	Medium	12	0	
P23 (H)	Tsuga canadensis	Medium	12	0	
P24 (H)	Tsuga canadensis	Medium	12	0	
P25 (H)	Tsuga canadensis	Medium	12	0	
P26	Ostrya virginiana	Medium	45.93	13.9092	
P27	Ostrya virginiana	Medium	30.76	5.2952	
P29	Tsuga canadensis	Medium	17.78	0	
P30	Tsuga canadensis	Medium	24.32	0	
P31	Cercis canadensis	Medium	22.44	38	
P32	Ostrya virginiana	Medium	20	0.3277	
P33	Ostrya virginiana	Medium	36.57	0	
Small Stature Trees (3-9m spread)					
P5	Amelanchier canadensis 'Rainbow Pillar'	Small	10.52	16.36	
P6	Amelanchier canadensis 'Rainbow Pillar'	Small	6	19.635	
P7	Amelanchier canadensis 'Rainbow Pillar'	Small	6	17.5912	
P8	Acer rubrum 'Karpick'	Small	15	20	
P9	Acer rubrum 'Karpick'	Small	15	18.9869	
P10	Acer rubrum 'Karpick'	Small	15	10.8641	
P11	Acer rubrum 'Karpick'	Small	15	16.2921	
P12	Acer rubrum 'Karpick'	Small	15	19.635	
P13	Acer rubrum 'Karpick'	Small	15	19.635	
P14	Acer rubrum 'Karpick'	Small	15	19.635	
P15	Acer rubrum 'Karpick'	Small	15	19.635	
P16	Acer rubrum 'Karpick'	Small	15	19.635	
P17	Acer rubrum 'Karpick'	Small	15	19.635	
P18	Acer rubrum 'Karpick'	Small	15	19.635	
P19	Acer rubrum 'Karpick'	Small	15	19.635	
P20	Acer rubrum 'Karpick'	Small	15	19.635	
P28	Amelanchier canadensis	Small	*8	20	
P38	Acer rubrum 'Karpick'	Small	15	20	
P39	Acer rubrum 'Karpick'	Small	15	20	
P40	Acer rubrum 'Karpick'	Small	15	20	
P41	Acer rubrum 'Karpick'	Small	15	20	
P42	Acer rubrum 'Karpick'	Small	15	20	
P43	Acer rubrum 'Karpick'	Small	15	20	
P44	Acer rubrum 'Karpick'	Small	15	20	
P45	Acer rubrum 'Karpick'	Small	15	20	
P46	Acer rubrum 'Karpick'	Small	15	20	
P47	Acer rubrum 'Karpick'	Small	15	20	
P48	Acer rubrum 'Karpick'	Small	15	20	
Note: * Tree requires silva cell to reach min. soil volume					
Note: (H) after tree number indicates planting hole to be excavated by hydrovac.					
					1287.7638
Existing Canopy On Site					
1	Quercus rubra	Town Tree	62.83	0	
2	Morus x hybridus - to be removed	Town Tree	0	0	
3	Morus x hybridus - to be removed	Private	0	0	
4	Pinus sylvestris - to be removed	Private	0	0	
5	Prunus serotina - to be removed	Private	0	0	
6	Quercus rubra - to be removed	Private	0	0	
7	Pinus sylvestris - to be removed	Private	0	0	
8	Quercus rubra - to be removed	Private	0	0	
9	Pinus sylvestris - to be removed	Private	0	0	
10	Prunus serotina - to be removed	Private	0	0	
11	Acer negundo - to be removed	Private	0	0	
12	Picea pungens - to be removed	Private	0	0	
13	Quercus rubra - to be removed	Private	0	0	
14	Prunus serotina - to be removed	Private	0	0	
15	Pinus sylvestris - 100% dead	Private	0	0	
16	Pinus sylvestris - 100% dead	Private	0	0	
17	Morus white - to be removed	Private	0	0	
18	Pinus sylvestris - 100% dead	Private	0	0	
19	Pinus sylvestris - 100% dead	Private	0	0	
20	Morus x hybridus - to be removed	Private	0	0	
21	Morus x hybridus - to be removed	Private	0	0	
22	Morus x hybridus - to be removed	Private	0	0	
23	Morus x hybridus - to be removed	Private	0	0	
24	Pinus sylvestris - to be removed	Private	0	0	
25	Morus x hybridus - to be removed	Private	0	0	
26	Picea glauca - to be removed	Private	0	0	
27	Picea glauca - to be removed	Private	0	0	
28	Picea glauca - to be removed	Private	0	0	
29	Picea glauca - to be removed	Private	0	0	
30	Picea glauca - to be removed	Private	0	0	
31	Picea glauca - to be removed	Private	0	0	
32	Picea glauca - to be removed	Private	0	0	
33	Picea glauca - to be removed	Private	0	0	
34	Morus rubra - to be removed	Private	0	0	

41	Acer platanoides	Private	50.89	38.0559	
42	Tsuga canadensis	Private	10.05	12.5664	
43	Quercus rubra	Town Tree	0	0	
44	Pinus nigra	Town Tree	0	0	
45	Taxus spp. - to be removed	Private	0	0	
46	Tsuga canadensis - to be removed	Private	0	0	
47	Picea abies	Private	22.07424	27.5928	
48	Picea abies	Private	24.57616	30.7202	
49	Betula papyrifera	Private	60.85808	76.0726	
50	Acer x freemanii	Town Tree	0	0	
51	Acer platanoides	Town Tree	0	0	
52	Quercus rubra - to be removed	Private	0	0	
53	Tilia cordata	Private	160.84952	201.0619	
54	Tilia americana	Private	90.47784	113.0973	
55	Quercus rubra - to be removed	Private	0	0	
56	Quercus rubra		62.83184	78.5398	
57	Morus alba - to be removed	Private	0	0	
58	Picea abies - to be removed	Private	0	0	
59	Robinia pseudoacacia - to be removed	Private	0	0	
60	Picea glauca - 100% dead	Private	0	0	
61	Robinia pseudoacacia - to be removed	Private	0	0	
62	Acer platanoides - to be removed	Private	0	0	
63	Picea abies - to be removed	Private	0	0	
64	Robinia pseudoacacia - to be removed	Private	0	0	
65	Robinia pseudoacacia - to be removed	Private	0	0	
66	Ulmus americana - to be removed	Private	0	0	
67	Robinia pseudoacacia - to be removed	Private	0	0	
68	Ulmus americana - to be removed	Private	0	0	
69	Picea pungens - to be removed	Private	0	0	
70	Robinia pseudoacacia - to be removed	Private	0	0	
71	Morus alba - to be removed	Private	0	0	
72	Morus alba - to be removed	Private	0	0	
73	Robinia pseudoacacia - to be removed	Private	0	0	
74	Morus alba - to be removed	Private	0	0	
75	Robinia pseudoacacia - to be removed	Private	0	0	
76	Prunus serotina - to be removed	Private	0	0	
77	Robinia pseudoacacia - to be removed	Private	0	0	
78	Juglans cinerea - to be removed	Private	0	0	
79	Robinia pseudoacacia - to be removed	Private	0	0	
80	Pinus sylvestris - to be removed	Private	0	0	
81	Pinus sylvestris - to be removed	Private	0	0	
82	Morus alba - to be removed	Private	0	0	
83	Pinus sylvestris - to be removed	Private	0	0	
84	Pinus sylvestris - to be removed	Private	0	0	
85	Picea glauca - to be removed	Private	0	0	
86	Prunus serotina - to be removed	Private	0	0	
87	Morus alba - to be removed	Private	0	0	
88	Picea abies - to be removed	Private	0	0	
89	Picea abies - to be removed	Private	0	0	
90	Prunus serotina - to be removed	Private	0	0	
91	Tilia americana - to be removed	Private	0	0	
92	Picea abies - to be removed	Private	0	0	
93	Picea abies - to be removed	Private	0	0	
94	Picea abies - to be removed	Private	0	0	
95	Populus grandidentata - to be removed	Private	0	0	
96	Pinus strobus - to be removed	Private	0	0	
97	Pinus strobus - to be removed	Private	0	0	
98	Pinus strobus - to be removed	Private	0	0	
99	Pinus strobus - to be removed	Private	0	0	
100	Pinus strobus - to be removed	Private	0	0	
101	Pinus strobus - to be removed	Private	0	0	
102	Pinus strobus - to be removed	Private	0	0	
103	Picea abies - to be removed	Private	0	0	
104	Picea abies	Private	40.2124	50.2655	
105	Picea abies	Private	17.83032	22.2879	
106	Picea abies - to be removed	Private	0	0	
107	Picea abies - 100% dead	Private	0	0	
108	Picea abies - 100% dead	Private	0	0	
109	Picea abies	Private	90.47784	113.0973	
110	Picea abies	Private	25.3816	31.727	
111	Picea abies	Private	14.6748	18.3435	
112	Juglans nigra - to be removed	Private		0	
113	Picea abies - 100% dead	Private	0	0	
114	Picea abies	Private	90.47784	113.0973	
115	Morus alba - to be removed	Private	0	0	
116	Picea abies	Private	11.32704	14.1588	
117	Picea abies	Private	6.00712	7.5089	
118	Picea abies - 100% dead	Private	0	0	
119	Thuja occidentalis - 100% dead	Private	0	0	
120	Tilia americana	Private	581.29888	726.6236	
121	Populus grandidentata	Private	0	0	
122	Populus grandidentata	Private	8.43664	10.5458	
123	Betula papyrifera	Private	0	0	
124	Ulmus americana	Private	0	0	
125	Populus grandidentata	Private	0.2836	0.3545	
126	Populus grandidentata	Neighbouring Tree	0	0	
127	Prunus serotina	Neighbouring Tree	0	0	
128	Aesculus hippocastanum	Neighbouring Tree	0	0	
129	Morus alba - to be removed	Private	0	0	
130	Picea abies - 100% dead	Private			
131	Picea abies - 100% dead	Neighbouring Tree			

[illegible]