

From: Morris Deputy <mdeputy@middletownde.org>

Subject: RE: Neighborhood Trees

Date: November 29, 2013 2:36:23 PM EST

To: Swiss David <david.swiss@verizon.net>

David,

Attached is the Town's current list of allowable street trees from our code. I would recommend against any of the maple varieties. They have had problems. If there is a specific species that is not on the list, let me know. The code allows alternate species if they are found to be suitable for street tree planting. I will have our landscaping consultant review your request to make sure it is ok. Trees are required to be a minimum of 2.5 inch caliper with a minimum height of 12 feet. Town officials have met concerning the trees that have caused the sidewalk to lift in various locations in the community. We are arranging a meeting and site visit with our contact at the Delaware State Forest Service to discuss the problem. Let me know if you have any further questions.

Morris Deputy, P.E.

Town Manager

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Appendix I. Landscaping

A-1. B. Street Tree Planting

- (1) All trees to be planted should be adequately supported by guy wires until firmly rooted. The same species should be used in any one block (species in one block should not be mixed); spacing should be based on the characteristics of the species; and species used should be in accordance with the type, scale and intensity of adjacent land uses and the topography of adjacent land. A list of trees suitable for street tree planting follows:

(a) Large Trees (over 40 feet* - space 40' on center)

i.	<i>Gleditsia triacanthos</i> "inermis"	Thornless Honey Locust 1234
ii.	<i>Plantanus acerifolia</i>	London Plane(Liberty or Columbia varieties)Tree
iii.	<i>Celtis occidentalis</i>	Common Hackberry
iv.	<i>Quercus macrocarpa</i>	Willow Oak
v.	<i>Quercus rubra</i>	Northern Red Oak
vi.	<i>Quercus shumardii</i>	Shumard Oak
vii.	<i>Tilia cordata</i> Littleleaf	Linden
viii.	<i>Zelkova serrata</i> Japanese	Zelkova
ix.	<i>Acer rubrum</i> 'Red Sunset'	Red Maple
x.	<i>Acer saccharum</i> 'Green Mountain'	Sugar Maple

Note: Maples to be planted in 8' wide green strip minimum or behind the sidewalk.

(b) Medium-sized Trees (30 to 40 feet* - space 30' on center average)

i.	<i>Acer campestre</i>	Hedge Maple
ii.	<i>Carpinus betulus</i> European	Hornbeam
iii.	<i>Carpinus carolinian</i> American	Hornbeam
iv.	<i>Crateagus crugalli</i> inermis	Thornless Cockspur Hawthorn
v.	<i>Koelreuteria paniculata</i>	Goldenrain Tree
vi.	<i>Prunus serrulata</i> "Kwanzan"	Kwanzen Cherry
vii.	<i>Prunus sargentii</i>	Sargent Cherry
viii.	<i>Pyrus calleryana</i> "Aristocrat"	Aristocrat Pear
ix.	<i>Pyrus callervana</i> "Redspire"	Redspire Pear
x.	<i>Sophora japonica</i>	Scholar Tree
xi.	<i>Syringa reticulata</i>	Japanese Tree Lilac

*Although some of these trees reach heights far greater than forty feet under the most favorable conditions, conditions necessarily present in street tree planting act to limit growth considerably.

¹ Trees that tolerate poor drainage

² Trees that withstand droughts

³ Trees that perform best in acid soil

⁴ Trees for extreme city conditions