



South Brunswick Township

540 Ridge Road
Monmouth Junction, NJ 08852

ORDINANCE 2011-29

A

Amending and Supplementing Chapter 62, Regarding Shade Trees (Revised 7/20/2011)

WHEREAS, the Code of the Township of South Brunswick currently establishes certain regulations and restrictions regarding the planting and care of shade trees; and

WHEREAS, the Shade Tree Commission has recommended changes to the Code in order to bring the Code up to current standards and also make the processing of land use applications as they relate to shade trees more efficient; and

WHEREAS, the Township Council believes that it is in the best interests of the residents of South Brunswick to adopt the recommended changes;

NOW THEREFORE BE IT ORDAINED by the Township Council of the Township of South Brunswick, County of Middlesex, State of New Jersey, that:

I. Chapter 62, Land Use, of the Code of the Township of South Brunswick, shall be and is hereby amended and supplemented, with deletions in strikethrough and additions in underline:

Sec. 62-154. Final approval of major subdivisions.

(g) *Requirements for improvements.* The following improvements may be required to be installed in major subdivisions:

(7) *Shade trees.* Approved types of shade trees shall be planted between the street line and the setback line of each side of every street at intervals of no more than 50 feet. The following standards shall apply to the planting of shade trees:

a. In developments where the distance from the house to the front sidewalk is 20 feet or less, ~~type B trees~~ trees from List B shall be planted. In developments where the distance from the house to the front sidewalk is between 21 feet and 30 feet, the developer has the option of planting ~~type A or type B trees~~ trees from List A or B. In developments where the distance from the house to the front sidewalk is 31 feet or more, ~~type A trees~~ trees from List A shall be planted. List A contains trees having a mature size of greater than 30 feet. List B contains trees having a mature size of less than 30 feet or having a very narrow, upright growth habit. List C contains evergreen and coniferous trees suitable for public rights of way, and serves to further the diversity of trees used for this purpose. These lists shall be maintained and amended by the Shade Tree Commission and made available through the Planning Department. Minor or insignificant changes to the approved trees that are required because of field conditions may be made with the approval of the Commission.

1. Type A, mature size 30 feet and over (all trees to be high-branched treeform):

Latin Name	Common Name	Mature Size	Notes
Betula nigra	River birch	30 ft. to 70 ft.	Resistant to borer
Carpinus betulus "Fastigiata"	Pyramidal European hornbeam	45 ft. by 35 ft.	Must be treeform
Celtis occidentalis	Hackberry	50 ft. to 60 ft.	Drought and salt tolerant

<i>Cercidiphyllum japonica</i>	Katsura	40 ft. to 60 ft.	
<i>Cladrastis lutea</i>	American yellowwood	30 ft. to 40 ft.	
<i>Eucommia ulmoides</i>	Hardy rubber tree	30 ft. to 50 ft.	
<i>Fagus grandifolia</i>	American beech	50 ft. by 75 ft.	Must be high-branched
<i>Fraxinus americana</i>	White ash	60 ft. by 45 ft.	
a. Autumn purple	Autumn purple	60 ft. by 70 ft.	
a. Rosehill	Rosehill		
<i>Fraxinus pennsylvanica</i>	Green ash	60 ft. by 40 ft.	
p. Marshall's	Marshall's seedless		
p. Newport	Newport	50 ft. to 60 ft.	
p. Patmore	Patmore	50 ft. to 60 ft.	Seedless
p. Summit	Summit	50 ft. to 60 ft.	Narrow, oval
<i>Ginkgo biloba</i>	Maidenhair	60 ft. by 30 ft.	Male only
	Autumn gold		Male only
	Lakeview	60 ft. by 20 ft.	Male only, tall and narrow
	Princeton sentry		
<i>Gleditsia triacanthos inermis</i>	Thornless honey locust	50 ft. by 30 ft.	Recommended varieties
Shademaster	Shademaster	60 ft. to 70 ft.	
Skyline	Skyline	60 ft. to 70 ft.	
Sunburst	Sunburst	50 ft. to 60 ft.	
<i>Glymnocladus dioicus</i>	Kentucky coffee tree	40 ft. to 50 ft.	
<i>Halesia carolina</i>	Carolina silverbell	20 ft. to 30 ft.	
Monticola	Mountain silverbell	30 ft. to 40 ft.	
<i>Liquidambar styraciflua</i>	Sweetgum	50 ft. by 25 ft.	Spring dug only
	Rotundiloba		Spring dug only, seedless
<i>Malus species</i>	Crabapple		Disease resistant varieties
	Sissipuk	40 ft.	Rounded
<i>Nyssa sylvatica</i>	Sourgum (blackgum)	50 ft. by 30 ft.	Spring dug only, wet sites
<i>Parrotia persica</i>	Persian parrotia	35 ft. by 45	

		ft.	
Platanus acerifolia "Bloodgood"	London plane tree, bloodgood	50 ft. to 60 ft.	Resistant to anthracnose
Prunus sargentii	Sargent cherry		Recommended varieties
s. Accolade	Accolade	50 ft. by 30 ft.	
s. Columnaris	Columnar	20 ft. to 40 ft.	Narrow
Prunus serrulata			
Amanogawa	Amanogawa cherry	35 ft.	Columnar, very hardy
Kwanzan	Kwanzan Japanese cherry		Vase shaped
Shirofugen	Shirofugen Japanese cherry		
Prunus yedoensis	Yoshino cherry	35 ft.	
y. Afterglow	Afterglow		
Pyrus calleryana "Redspire"	Redspire flowering pear	35 ft.	Urban tolerant
Quercus acutissima	Saw tooth oak	45 ft. by 40 ft.	
Alba	White oak		Spring dug only
Coccinea	Scarlet oak		Spring dug only
Imbricaria	Shingle oak	40 ft. to 60 ft.	Spring dug only
Macrocarpa	Burr oak		Spring dug only
Phellos "New Jersey strain"	Willow oak New Jersey strain		Spring dug only
Robur	English oak	40 ft. to 60 ft.	Spring dug only
Sophora japonica "Regent"	Regent scholar tree	40 ft. to 50 ft.	Urban tolerant
Tilia americana "Redmond"	Redmond linden	65 ft. to 75 ft.	Hardy
Cordata	Littleleaf linden		Recommended varieties
c. Greenspire	Greenspire	60 ft. to 70 ft.	Spring dug only
Tomentosa	Silver linden	60 ft. by 40 ft.	Spring dug only
t. Green mountain	Green mountain	50 ft. to 70 ft.	Spring dug only, drought resistant
Ulmus hollandica "Groenveldt"	Groenveldt elm		Dutch elm disease resistant
Parvifolia	Chinese elm	40 ft. to 50 ft.	
Zelkova serrata	Zelkova	60 ft. by 50 ft.	Recommended varieties
s. Green vase	Green vase		
s. Village green	Village green		

2. Type B, mature size under 30 feet or taller but very narrow (all trees to be high-branched)

treeform):

Latin Name	Common Name	Mature Size	Notes
Amelanchier canadensis	Downy shadblow	20 ft. to 30 ft.	Partial shade
c. Autumn brilliance	Autumn brilliance		Must be treeform
c. Cumulus	Cumulus		Must be treeform
c. Robin hill	Robin hill		Must be treeform
Carpinus caroliniana	American hornbeam	30 ft. by 30 ft.	Must be treeform
Cercis canadensis	Eastern redbud	20 ft. by 25 ft.	Must be treeform
c. Alba	Alba	18 ft. to 20 ft.	Must be treeform
c. Forest pansy	Forest pansy	18 ft. to 20 ft.	Must be treeform
Chinoanthus virginicus	White fringetree	15 ft. to 18 ft.	Must be treeform
Cornus kousa	Kousa dogwood	25 ft. by 20 ft.	Must be treeform
Cornus rutgers hybrids	Rutgers hybrid dogwoods	25 ft. by 20 ft.	
Aurora	Aurora		
Constellation	Constellation		
Galaxy	Galaxy		
Ruth Ellen	Ruth Ellen		
Squaredance	Squaredance		
Stardust	Stardust		
Stellar pink	Stellar pink		
Crataegus lavelleii	Lavelle hawthorn		Must be treeform
Phaenopyrum	Washington hawthorn		Must be treeform
Elaeagnus angustifolia	Russian olive		Must be treeform
Ginkgo biloba	Maidenhair	60 ft. by 20 ft.	Male only
	Lakeview	60 ft. by 20 ft.	Male only, tall and narrow
	Princeton sentry	60 ft. by 20 ft.	
Laburnum waterii	Golden chain	25 ft. by 30 ft.	
Malus species	Crabapple		Disease resistant varieties
Baccata	Siberian	25 ft. by 30 ft.	Rounded
b. Snowdrift	Snowdrift		
	Adams	25 ft. by 30 ft.	Rounded, dense, very resistant
	Bastatong	25 ft. to 30 ft.	Very resistant
	Beauty	24'	Upright, fastigiate, very resistant
	Cardinal		Great foliage

	Centurion	25 ft. by 30 ft.	Columnar, very resistant
	Evelyn	20 ft.	Erect, very resistant
	Gibbs-golden-gage	20 ft.	Small, rounded, very resistant
	Harvest-gold	25 ft. by 30 ft.	Upright, very resistant
	Indian-summer	25 ft. by 30 ft.	
	Katherine	20 ft.	Open
	Marshall-oyama	25 ft.	Narrow
	Naragansett		Very resistant
	Prairifire		Must be on its own rootstock
	Prof-sprenger	25 ft. by 30 ft.	Upright, spreading
	Robinson	25 ft.	Upright, spreading, dense
	Spring-snow	20 ft. to 25 ft.	Dense, upright, sterile
	Strawberry-parfait	15 ft. to 20 ft.	Open, vase-shaped
	Sugar-tyme	25 ft. by 30 ft.	
Ostrya virginiana	American-hornbeam, ironweed	30 ft. by 15 ft.	
Oxydendrum arboreum	Sourwood	30 ft. by 20 ft.	Needs well-drained soil
Prunus sargentii columnaris	Columnar-sargent cherry	20 ft. to 40 ft.	Narrow
Subhirtella autumnalis	Autumn-cherry	20 ft. to 40 ft.	
Quercus robur fastigata	Columnar-white oak		
Stewartia koreana	Stewartia	20 ft. to 30 ft.	
Pseudocamillia	Japanese-stewartia	20 ft. to 30 ft.	
Syringa reticulata japonica	Japanese-tree lilac		Recommended varieties
r. Ivory silk lilac	Ivory silk lilac	30 ft. by 20 ft.	Must be treeform
r. Regent ivory silk	Regent ivory silk lilac	30 ft. by 20 ft.	Must be treeform
Parvifolia	Chinese-elm	40 ft. to 50 ft.	

- b. Only balled and burlapped trees shall be planted, except where specific permission is granted by the planning director upon the recommendation of the shade tree commission.
- c. Caliper of trees shall be a minimum of 1³/₄ inches ~~to two inches~~, measured six inches above the ground.
- d. Shade trees planted on any one street shall be ~~the same of various species, unless the planning board, upon the advice of as recommended by the Shade Tree Commission and approved by the Planning Board, specifically authorizes other species on that street.~~

~~e. Nothing shall be constructed about the base of a shade tree within two feet of the outside of the trunk. Shade trees shall be placed so as not to interfere with the sidewalks or utilities.~~

f. Shade trees shall be standard quality nursery-grown stock, true to type and first class representatives of their species and variety. ~~They shall be planted in accordance with American Standard of Nursery practices, and t~~ The planting shall be subject to performed under the supervision of the township engineer with the advice and written consent of the Shade Tree Commission or the designated N.J. licensed tree expert (LTE).

g. Trees shall be planted in accordance with the South Brunswick Shade Tree Commission's Tree Planting Standards, available through the Planning Department.

II. If any clause, sentence, paragraph, section or part of this ordinance or any other codes or ordinances incorporated herein shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, but shall be confined in its operation to the clause, sentence, paragraph, section or part thereof directly involved in the controversy in which said judgment shall have been rendered.

III. This ordinance shall become effective twenty (20) days after its final passage.

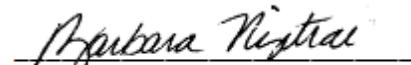
The above ordinance was introduced and passed on first reading at a regular meeting of the Township Council of the Township of South Brunswick held on July 26, 2011, and will be considered on second and final reading and final passage at a regular meeting of the Township Council of the Township of South Brunswick to be held at the Municipal Building, Monmouth Junction, New Jersey, at 7:30 p.m. on August 23, 2011, at which time and place any person having an interest therein will be given an opportunity to be heard.

History:

07/12/11	Township Council	MOVE FORWARD	Next: 07/26/11
07/26/11	Township Council	INTRODUCED	Next: 08/23/11

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Chris Killmurray, Councilman
SECONDER:	John G O'Sullivan, Councilman
AYES:	Camarota, Carley, Killmurray, O'Sullivan, Gambatese

This is to certify that the foregoing is a true copy of an ordinance Adopted at the South Brunswick Township Council meeting held on August 23, 2011.


Barbara Nyitrai, Township Clerk