

Exhibit A - Table 6-305.D.4.b (B) - Bufferyard Types

	Type 1	Type 2	Type 3
Bufferyard Width (min.)	10'	15'	10'
Planting Bed Width (min)	7'	7'	7'
Shade Trees per 100'	3	4	3
Evergreen or Ornamental Trees per 100'	1	2	1
Shrubs* per 100'	16	18	16
Fencing	Permitted	Permitted	Minimum 6' required
Site Amenities	Permitted	Not permitted	Not permitted

* Includes shrubs, perennials and ornamental grasses.

EXHIBIT B - Table 6-305.D.3.b (A) - Corridor Types

	Typical	Arterial	Auto-Row
Landscape Corridor Width	Varies	Varies	Varies
Shade Trees per 100'	1	2	0**
Ornamental or Evergreen Trees per 100'	1	2	3
Shrubs* per 100'	0	0	Minimum of 20

* Includes shrubs, perennials and ornamental grasses.

** If trees in an adjacent parkway are not present or feasible, then 2 canopy trees and 0 ornamental trees are required per 100' within the Corridor.

EXHIBIT C - Table 6-305.F.3.f.1 (A) – Tree Replacement Standards

Table 6-305.F.3.f.1 (A): Tree Replacement Standards	
CANOPY TREES	
Diameter of Tree(s) Removed	Number of Replacement Trees Required per Every (1) Tree Removed
4" to 12"	3 trees at 1.5", 2 trees at 2.5" or 1 tree at 4"
13" to 23"	6 trees at 1.5", 4 trees at 2.5" or 2 trees at 4"
24" or greater	8 trees at 1.5", 6 trees at 2.5" or 3 trees at 4"
EVERGREEN TREES	
Height of Removed Trees	Number of Replacement Trees Required
6' to 10'	2 trees at 6' or 1 tree at 10'
10' to 14'	4 trees at 6' or 2 tree at 10'
14' or taller	6 trees at 6' or 3 tree at 10'

EXHIBIT D - List of Recommended Plant Species

LIST OF RECOMMENDED PLANT SPECIES		
Common Name	Botanical	Cultivar(s)
CANOPY (SHADE) TREES		
Bald cypress	Taxodium distichum	
Beech, American	Fagus grandifolia	
Beech, European	Fagus sylvatica	
Buckeye, Ohio	Aesculus glabra	
Cherry, black	Prunus serotina	
Coffeetree, Kentucky	Gymnocladus dioica	
Elm	Ulmus spp.	
Filbert, Turkish Corylus colurna		
Ginkgo (male only)	Ginkgo biloba	Autumn gold
		Fairmount
		Lakeview
		Princeton sentry
Hackberry, common	Celtis occidentalis	
Hickory, bitternut	Carya cordiformis	
Hickory, shagbark	Carya ovata	
Honey locust (thornless)	Gleditsia triacanthos var. inermis	Green glory
		Imperial
		Majestic
		Shademaster
		Skyline
Hornbeam, European	Carpinus betulus	
Horse chestnut, common	Aesculus hippocastanum	
Larch, common	Larix decidua	
Linden, littleleaf	Tilia cordata	Chancellor
		Glenleven
		Greenspire
		Olympic
Linden, Redmond	Tilia euchlora	Redmond
Linden, silver	Tilia tomentosa	
London Plane Tree	Platanus × acerifolia	
Maple, black	Acer nigrum	Greencolumn
Maple, Freeman	Acer x freemanii	Autumn blaze
		Morgan
Maple, red	Acer rubrum	Armstrong
		Autumn flame

		Columnare
		Red sunset
		October glory
Maple, sugar	<i>Acer saccharum</i>	Green mountain
		Wright Brothers
Oak, bur	<i>Quercus macrocarpa</i>	
Oak, English	<i>Quercus robur</i>	
Oak, pin	<i>Quercus palustris</i>	
Oak, red	<i>Quercus rubra</i>	
Oak, swamp white	<i>Quercus bicolor</i>	
Oak, white	<i>Quercus alba</i>	
Tulip tree	<i>Liriodendron tulipifera</i>	
Yellowwood	<i>Cladrastis kentukea</i>	
Zelkova, Japanese	<i>Zelkova serrata</i>	
EVERGREEN TREES		
Douglas fir	<i>Pseudotsuga menziensii</i>	
Pine, eastern white	<i>Pinus strobes</i>	
Pine, Limber	<i>Pinus flexilis</i>	
Pine, Japanese white	<i>Pinus parviflora</i>	
Pine, Scotch	<i>Pinus sylvestris</i>	
Spruce, Colorado	<i>Picea pungens</i>	
Spruce, Norway	<i>Picea abies</i>	
Spruce, Serbian	<i>Picea omorika</i>	
Spruce, Black Hills	<i>Picea glauca</i>	
ORNAMENTAL/SMALL TREES		
Birch, river	<i>Betula nigra</i>	
Birch, white	<i>Betula platyphylla</i>	Whitespire
Buckeye, red	<i>Aesculus pavia</i>	
Chokecherry, common	<i>Prunus virginiana</i>	
Crabapple, flowering	<i>Malus spp.</i>	
Dogwood, Kousa	<i>Cornus kousa</i>	
Fringetree, white	<i>Chionanthus virginicus</i>	
Hawthorn, cockspur	<i>Crataegus crusgalli</i> var. <i>inermis</i>	
Hawthorn, Washington	<i>Crataegus phaenopyrum</i>	
Hophornbeam, American	<i>Ostrya virginiana</i>	
Hornbeam, American	<i>Carpinus caroliniana</i>	
Magnolia, saucer	<i>Magnolia x soulangiana</i>	
Magnolia, star	<i>Magnolia stellata</i>	

Maple, hedge	<i>Acer campestre</i>	Marmo
Maple, miyabi	<i>Acer miyabe</i>	
Maple, tartarian	<i>Acer tataricum</i>	
Pagoda tree, Japanese	<i>Sophora japonica</i>	Regent
Plum, wild	<i>Prunus americana</i>	
Redbud, eastern	<i>Cercis canadensis</i>	
Serviceberry, Allegheny	<i>Amelanchier laevis</i>	
Serviceberry, apple	<i>Amelanchier x grandiflora</i>	
Serviceberry, downy	<i>Amelanchier arborea</i>	
Serviceberry, Saskatoon	<i>Amelanchier alnifolia</i>	
Tree lilac, Japanese	<i>Syringa reticulata</i>	Morton
		Zhang Zhiming
		Ivory Silk
LARGE DECIDUOUS SHRUBS		
Amorpha, indigobush	<i>Amorpha fruticosa</i>	
Buttonbush, common	<i>Cephalanthus occidentalis</i>	
Clethra, summersweet	<i>Clethra alnifolia</i>	
Cotoneaster, hedge	<i>Cotoneaster</i>	
Cotoneaster, Peking	<i>Cotoneaster acutifolius</i>	
Cotoneaster, spreading	<i>Cotoneaster divaricatus</i>	
Dogwood, cornelian cherry	<i>Cornus mas</i>	
Dogwood, gray	<i>Cornus racemosa</i>	
Dogwood, pagoda	<i>Cornus alternifolia</i>	
Dogwood, Redosier	<i>Cornus sericea</i>	Baileyi
		Isanti
Dogwood, tartarian	<i>Cornus alba</i>	
Elderberry	<i>Sambucus canadensis</i>	
Filbert, American	<i>Corylus americana</i>	
Filbert, Turkish	<i>Corylus colurna</i>	
Forsythia, border	<i>Forsythia x intermedia</i>	
Forsythia, greenstem	<i>Forsythia viridissima</i>	Meadowlark
		Northern sun
		Sunrise
Hydrangea	<i>Hydrangea</i> spp.	
Lilac	<i>Syringa</i> spp.	
Ninebark, common	<i>Physocarpus opulifolius</i>	
Sumac, smooth	<i>Rhus glabra</i>	
Sumac, staghorn	<i>Rhus typhina</i>	
Viburnum, American cranberry	<i>Viburnum trilobum</i>	
Viburnum, arrowwood	<i>Viburnum dentatum</i>	Autumn jazz

		Chicago lustre
Viburnum, blackhaw	Viburnum prunifolium	
Viburnum, burkwood	Viburnum x burkwoodii	
Viburnum, European cranberry	Viburnum opulus	
Viburnum, lantanaphyllum	Viburnum x rhytidophylloides	
Viburnum, nannyberry	Viburnum lentago	
Viburnum, wayfaringtree	Viburnum lantana	
Weigela, old fashioned	Weigela florida	
Winterberry, common	Ilex verticillata	
Witchhazel, common	Hamamelis virginiana	
Witchhazel, vernal	Hamamelis vernalis	
SMALL EVERGREEN TREES		
Arborvitae	Thuja occidentalis	Techny
Hemlock, Canadian	Tsuga canadensis	
Juniper, upright	Juniperus spp.	
SMALL DECIDUOUS SHRUBS		
Alpine currant	Ribes alpinum	Green mound
False Indigo	Baptisia x bicolor	
Bayberry	Myrica pennsylvanica	
Chokeberry, black	Aronia melonocarpa	
Chokeberry, red	Aronia arbutifolia	Brilliantissima
Cotoneaster, cranberry	Cotoneaster apiculata	
Cotoneaster, creeping	Cotoneaster adpressus	
Cotoneaster, rockspray	Cotoneaster horizontalis	
Forsythia, greenstem	Forsythia viridissima	Bronxensis
Kerria, Japanese	Kerria japonica	
New Jersey tea	Ceanothus americanus	
Rose	Rosa spp.	
Spiraea spp.	Spiraea spp.	
St. Johnswort	Hypericum kalmianum	
St. Johnswort, shrubby	Hypericum prolificum	
Stephanandra, cutleaf	Stephanandra incisa	Crispa
Sumac, gro low	Rhus aromatica	Gro low
Viburnum, dwarf cranberry	Viburnum trilobum	Compactum
Viburnum, dwarf Korean	Viburnum carlesii	Compactum
Viburnum, judd	Viburnum x juddii	
Viburnum, sargent	Viburnum sargentii	
SMALL EVERGREEN SHRUBS		

Boxwood	<i>Buxus koreana</i> x <i>sempervirens</i>	Glencoe
		Green gem
		Green mountain
		Green mound
		Green velvet
		Winter gem
Boxwood, common	<i>Buxus sempervirens</i>	
Boxwood, littleleaf	<i>Buxus microphylla</i>	
Juniper, Chinese	<i>Juniperus chinensis</i>	Kallays compacta
		var. sargentii Glauca
		var. sargentii Viridis
		Sea green
Juniper, creeping	<i>Juniperus horizontalis</i>	Bar Harbor
		Blue chip
		Blue rug
		Hughes
		P.C. Youngstown
Pine, mugo	<i>Pinus mugo</i> var. <i>mugo</i>	
Rhododendron	<i>Rhododendron</i> spp.	Northern lights
		P.J.M.
Yew, dense	<i>Taxus x media</i>	Densiformis
		Tauntonii
		Hicksii
GROUNDCOVERS AND VINES		
Ajuga	<i>Ajuga reptans</i>	
Barren strawberry	<i>Waldsteinia ternata</i>	
Boston ivy	<i>Parthenocissus tricuspidata</i>	
Clematis	<i>Clematis</i> spp.	
Common periwinkle	<i>Vinca minor</i>	
Fleeceflower	<i>Polygonum Reynoutria</i>	
Ginger, wild	<i>Asarum canadense</i>	
Hydrangea, climbing	<i>Hydrangea anomala</i> ssp. <i>petiolaris</i>	
Pachysandra, Japanese	<i>Pachysandra terminalis</i>	
Purpleleaf wintercreeper	<i>Euonymus fortunei</i>	Coloratus
Sedum	<i>Sedum</i> spp.	

Virginia creeper	Parthenocissus quinquefolia	
UNACCEPTABLE TREES		
All Ash (green, white, blue and all their varieties)	Fraxinus spp.	
Austrian pine	Pinus nigra	
Black locust	Robinia spp.	
Boxelder	Acer negundo	
Buckthorn	Rhamnus frangula	
Mulberry	Morus spp.	
Osage orange	Maclura pomifera	
Poplar	Populus spp.	
Russian olive	Elaeagnus angustifolia	
Siberian Elm	Ulmis pumila	
Silver maple	Acer saccharinum	
Tree of Heaven	Ailanthus altissima	
Willow	Salix spp.	

Exhibit E - Figure 6-302.K.2

Exhibit F-Table 6-302.K.3.A

Menu Board Screen Size (Square Feet)	Menu Board Brightness (Nits)
0-25	3500
30	3200
35	2900
40	2600
45	2300
50	2000

EXHIBIT G – Table 6-315.2.a (A)

Lighting Class 1	Auto-Dealerships and Large Retail Centers \geq 500,000 sf
Lighting Class 2	Manufacturing and Storage, Commercial, and Mixed Use
Lighting Class 3	Civic and Institutional, Multi-Family Residential, and Office
Lighting Class 4	Single-Family Residential

Exhibit H- Table 6-315.A.2.a.1 (A)

Lighting Class 1		
Foot Candles at lot line	Non-Residential to Non-Residential	5.0
	Non-Residential to Residential	0
Lumens Per Square Foot	Maximum lm/sf	7.0
Internal Footcandles	Maximum fc level permitted	40 fc

EXHIBIT I-Table 6-315.A.2.a.2 (A)

Lighting Class 2		
Foot Candles at lot line	Non-Residential to Non-Residential	5.0
	Residential to Residential	2.0
	Non-Residential to Residential	0
Lumens Per Square Foot	Maximum lm/sf	3.0
Internal Footcandles	Maximum fc level permitted	15 fc

EXHIBIT J – Table 6-315.A.2.a.3 (A)

Lighting Class 3		
Foot Candles at lot line	Non-Residential to Non-Residential	2.0
	Residential to Residential	1.0
	Non-Residential to Residential	0
Lumens Per Square Foot	Maximum lm/sf	2.5
Internal Footcandles	Maximum fc level permitted	10 fc

EXHIBIT K – Table 6-315.A.2.a.4 (A)

Lighting Class 4		
Foot Candles at lot line	Non-Residential to Non-Residential	2.0
	Residential to Residential	0.5
	Non-Residential to Residential	0
Lumens Per Square Foot	Maximum lm/sf	1.0
Internal Footcandles	Maximum fc level permitted	10 fc

EXHIBIT L – Table 6-407.1.A.2.b (A) – Required Luminaire Setbacks

		Luminaire Cutoff Degree			
		Full Cutoff	Cutoff	Semi-Cutoff	No Cutoff
Luminaire Height (in feet)	25	10ft	20ft	40ft	Not Permitted
	20	8ft	16ft	32ft	Not Permitted
	15	6ft	12ft	24ft	30ft
	10	4ft	8ft	16ft	20ft
	≤ 5	2ft	4ft	8ft	10ft
		Setback Required (in feet)			

(Table data displays required setback in feet based on luminaire cutoff and height)

EXHIBIT M - Figure 6-315.A.3 (A) – Luminaire Cutoff Overview (Figure for Illustrative Purposes Only)

EXHIBIT N - Figure 6-315.E (A)