

CHAPTER 1274
Landscaping and Bufferyards

- | | |
|--|--|
| <p>1274.01 Purpose.
1274.02 Applicability.
1274.03 General requirement for submission.
1274.04 Approval.
1274.05 Landscaping materials and standards.
1274.06 Conflicts in requirements.</p> | <p>1274.07 Easements; rights-of-way; setbacks; sight clearance.
1274.08 Landscaping for parking areas.
1274.09 Landscaping for service structures.
1274.10 Bufferyard requirements.
1274.11 Modifications of bufferyard requirements.
1274.12 Plant lists.</p> |
|--|--|

CROSS REFERENCES

- Division of municipal corporations into zones - see Ohio R.C. 713.06
 Restrictions on location, height and bulk of buildings - see Ohio R.C. 713.07 et seq.
 Basis of districting or zoning; classification of buildings and structures - see Ohio R.C. 713.10
 Definitions - see P. & Z. Ch. 1206
 General provisions - see P. & Z. Ch. 1228
 Administration, enforcement and penalty - see P. & Z. Ch. 1230
 Districts generally and Zoning Map - see P. & Z. Ch. 1234
 Conditional uses - see P. & Z. Ch. 1264
 Mobile homes - see P. & Z. Ch. 1268.01
 Off-street parking and loading - see P. & Z. Ch. 1270
 Planned unit developments - see P. & Z. Ch. 1272

1274.01 PURPOSE.

The purpose of this chapter is to provide minimum standards involving the development of land to provide attractive views from roads and adjacent properties; to screen from view visually undesirable uses; to require screening between incompatible land uses; and to protect the health, safety and welfare of the community through the reduction of noise, air and visual pollution, and headlight glare.
 (Ord. 98-28. Passed 11-10-98.)

1274.02 APPLICABILITY.

This chapter shall apply to new property development and any collective substantial expansion of existing structures, except for individual single-family dwellings and two-family dwellings (duplexes) and parking lots of five spaces or smaller. Substantial expansion of existing structures shall be defined based on the criteria established below:

When Existing Structure is	A Substantial Expansion is
0 - 1,000 sq. ft.	50% or greater
1,001 - 10,000 sq. ft.	40% or greater
10,001 - 25,000 sq. ft.	30% or greater
25,001 - 50,000 sq. ft.	20% or greater
50,001 sq. ft. and larger	10% or greater

(Ord. 98-28. Passed 11-10-98.)

1274.03 GENERAL REQUIREMENT FOR SUBMISSION.

The owner of any property to which this chapter applies shall submit a landscape plan to the Zoning Enforcement Officer as part of the Site Plan review process. Landscape plans shall be prepared by and/or certified by a design professional practicing within his or her area of competence. The site plan shall contain the following information:

- (a) Plans must be at a reasonable scale to indicate all types of proposed landscaping improvements at a minimum of 1 inch = 20 feet and shall include the following minimum information:
 - (1) North arrow and scale.
 - (2) The name of the applicant/owner.
 - (3) The name, address and phone number of the person or firm responsible for the preparation of the buffering plans.
 - (4) The dates the plans are submitted or revised.
 - (5) All existing and proposed buildings and other structures, paved areas, planted areas, utility poles, fire hydrants, light standards, signs, fences and other permanent features to be added and/or retained on the site.
 - (6) All existing plant material to be removed or retained.
 - (7) All existing and proposed streets, sidewalks, curbs and gutters, railroad tracks, drainage ditches and other public or semi-public improvements within and immediately adjacent to the site.
 - (8) Contour lines shall be shown if the grades are in excess of 6% slope.
 - (9) Proposed elevations at sufficient locations and existing elevations of the site to clearly show the drainage patterns.
 - (10) All property lines and easements.
- (b) Included on all plans shall be a table listing the existing plant material to be retained and all proposed plant material within the bufferyard or landscaped area only. This shall include the common and botanical names, sizes and other remarks as appropriate to describe the plant material selection.
- (c) Details shall be shown for the planting of trees, shrubs and ground cover within the bufferyard or landscaped area.

(d) The plans shall include any proposed irrigation plan, which shall include the following:

- (1) Location and type of all sprinkler heads.
 - (2) Size of mainline and irrigation piping.
 - (3) Location and size of water meter.
 - (4) Location of backflow prevention device.
 - (5) Location and size of all valves.
 - (6) Location of irrigation controller.
- (Ord. 98-28. Passed 11-10-98.)

1274.04 APPROVAL.

The criteria of approval for landscape plans shall be as follows:

- (a) No site or development plan required under this Zoning Code shall receive final approval unless a landscaping plan has been submitted and approved.
 - (b) No zoning certificate or certificate of occupancy shall be issued unless the following criteria are fully satisfied with regard to the approved landscape plan:
 - (1) Such plan has been fully implemented on the site; or
 - (2) Such plan, because of seasonal conditions, cannot be implemented immediately, but has been guaranteed by a postponed improvement agreement between the developer and the City in a form acceptable to the City Legal Counsel and secured by a letter of credit, cash escrow or other instrument acceptable to the City Legal Counsel in an amount equal to the cost of such installation plus a ten (10) percent allowance for administrative costs, inflation and potential damage to existing vegetation or improvements.
- (Ord. 98-28. Passed 11-10-98.)

1274.05 LANDSCAPING MATERIALS AND STANDARDS.

New development shall provide bufferyards as provided in Section 1274.10. Existing vegetation shall be preserved in accordance with acceptable nursery industry procedures. The following items are suitable for screening use individually or in combination with each other, provided they create a dense screen, subject to review and approval by the Zoning Enforcement Officer. Nursery stock identification tags shall not be removed from any planting prior to inspection and approval of final installation by the City.

- (a) Walls and Fences. When walls or fences are used to fulfill screening requirements, they shall be detailed on the plan. They are to be of weather-proof materials. This includes pressure treating or painting of lumber if it is not redwood or cedar and using aluminum, stainless steel or galvanized hardware. Chain link fences with or without wooded or synthetic slat material shall not be allowed when used to satisfy bufferyard and landscaping requirements.
- (b) Plants. All plants are to be living and part of the acceptable plants list identified in this chapter. Plant materials used in conformance with the provisions of this chapter shall conform to the standards of the American Association of Nurserymen and shall have passed any inspection required under State regulations. Trees shall be balled and burlapped or in containers. Shrubs, vines and ground covers can be planted as bare root as well as balled and burlapped or containers.

- (1) Deciduous trees. Deciduous trees shall have a minimum caliper of at least two and one-half (2-1/2) inches conforming to acceptable nursery industry procedures at the time of planting. If deciduous trees are to be used for screening purposes, additional materials listed in this chapter must be used to create a dense buffer.
- (2) Evergreen trees. Evergreen trees shall be a minimum of six (6) feet in height at the time of planting. Evergreen plantings shall be planted at a maximum distance of fifteen (15) feet on center to provide an effective, dense screen within four (4) years of planting.
- (3) Shrubs and hedges. Shrubs and hedges shall be at least thirty-six (36) inches in height at the time of planting. All shrubs and hedges shall be designed to provide an effective, dense screen and mature height of at least six (6) feet within four (4) years after the date of the final approval of each planting. The height at installation of the planting shall be measured from the level of the surface of the plant base at the edge closest to the screening.
- (4) Grass or ground cover. Grass of the Fescus (Gramineak) or Bluegrass (Poaceae) family shall be planted in species normally grown as permanent lawns in Butler or Warren County. In swales or other areas subject to erosion, solid sod, erosion-reducing netting, mats, or suitable mulch shall be used and nursegrass seed shall be sown for immediate protection until complete coverage otherwise is achieved. Grass sod shall be clean and free of weeds and noxious pests or diseases. Ground cover shall be planted at a spacing that will provide at least seventy-five (75) percent complete coverage after two (2) growing seasons.
- (5) Earth mounds. Earth mounds may be used as physical barriers which block or screen a view. Differences in elevation between areas requiring screening does not constitute an earth mound. Earth mounds shall be constructed of earthen materials and shall conform to the following standards:
 - A. The maximum side slope shall be three horizontal to one vertical (3:1) and the design shall be reviewed by the Zoning Enforcement Officer to ensure that proper erosion prevention and control practices have been utilized.
 - B. Berms and earth forms shall be designed with physical variations in height and alignment throughout their length.
 - C. Landscape plant material installed on berms and earth forms shall be arranged in an irregular pattern to accentuate the physical variation and achieve a natural appearance.
 - D. The landscape plan shall show sufficient detail, including a plan and profile of the berm or earthform, soil types and construction techniques, to demonstrate compliance with the above provisions.
 - E. Berms and earthforms shall be located and designed to minimize the disturbance to existing trees located on the site or adjacent thereto.
 - F. No part of any berm or earthform which is elevated more than eighteen (18) inches above natural grade shall be located within twenty (20) feet of any right-of-way or property line.
 - G. Adequate ground cover shall be used and maintained to prevent erosion of the earth mound pursuant to paragraph (b)(4) hereof.

- (c) Maintenance of Landscaping and Bufferyards. All landscaping materials shall be installed and maintained according to accepted nursery industry procedures. The owner of the property shall be responsible for the continued property maintenance of all landscaping materials, and shall keep them in a proper, neat and orderly appearance, free from refuse and debris at all times. All unhealthy or dead plant material shall be replaced within one (1) year, or by the next planting period, whichever comes first. Violation of these installation and maintenance provisions shall be grounds for the Zoning Enforcement Officer to refuse a zoning certificate, require replacement of the landscape material or institute legal proceedings to enforce the provisions of this chapter.
- (d) Bufferyard Establishment. Once a bufferyard has been approved by the Zoning Enforcement Officer and established by the owner, it may not be used, disturbed or altered for any purpose unless otherwise permitted by the City.
(Ord. 98-28. Passed 11-10-98.)

1274.06 CONFLICTS IN REQUIREMENTS.

When an activity or land use falls under more than one of the categories listed in the matrix in Section 1274.10, the most stringent of the requirements shall be applied. (Ord. 98-28. Passed 11-10-98.)

1274.07 EASEMENTS; RIGHTS-OF-WAY; SETBACKS; SIGHT CLEARANCE.

Required landscaping may be placed wholly or partially in utility or other easements, providing all requirements can be fulfilled and approval is granted by the holder of the easements. Trees placed under overhead utility wires must be from List B, in Section 1274.12.

Landscaping must also be placed in the required area between the property line and the front, rear and side yard setbacks.

In no case, however, shall landscaping and bufferyards be established so as to block the sight distance at street or driveway intersections. Ground cover and trees with at least eight (8) feet of limbless trunk shall be permitted within the sight distance triangle. In the case of a City street intersection, the sight triangle shall consist of the area between points twenty (20) feet along both intersecting streets from their respective edge of pavements. (Ord. 98-28. Passed 11-10-98.)

1274.08 LANDSCAPING FOR PARKING AREAS.

Landscaping for any outdoor parking area shall be provided around the perimeter as indicated in the matrix in Section 1274.10. Parking areas containing six (6) spaces or more shall provide for perimeter landscaping. Parking areas containing more than 6,000 square feet of area or twenty (20) or more vehicular parking spaces, whichever is less, shall provide interior landscaping of the peninsular or island types of uncompacted, well-draining soil as well as perimeter landscaping. For each 100 square feet or fraction thereof of vehicular use area, at least five (5) square feet of landscape area shall be provided.

(a) Interior Landscape Requirements.

- (1) Minimum area. The minimum landscape area permitted shall be sixty-four (64) square feet with a four (4)-foot minimum horizontal dimension to all trees from the edge of pavement where vehicles overhang.

- (2) Maximum contiguous area. In order to encourage the required landscape areas to be properly dispersed, no individual landscape area shall be larger than 350 square feet in size in parking areas less than 30,000 square feet and no individual area shall be larger than 1,500 square feet in parking areas over 30,000 square feet. In both cases, the least dimension of any required area shall be four (4) feet minimum dimension to all trees from the edge of pavement where vehicles overhang. Individual landscape areas larger than the above are permitted as long as the additional area is in excess of the required minimum total.
- (b) Minimum Tree Specifications.
- (1) A one and three quarter (1-3/4) inch diameter tree for medium and large trees and a one and one-quarter (1-1/4) inch diameter tree for small trees (as measured six (6) inches above ground) shall be planted for each 5,000 square feet of total ground coverage, structures and pavement for vehicular use. (Refer to Plant List in Section 1274.12 for listing of trees.)
- (2) To retain visibility, trees shall have a clear trunk of at least five (5) feet above the ground. The remaining area shall be landscaped with shrubs, and/or ground cover not to exceed three (3) feet in height.
- (c) Perimeter Landscaping for Parking Lots. Parking lots shall have perimeter buffer zones of a minimum width of six and one-half (6-1/2) feet containing evergreen plant material that will achieve an effective, dense screen of a height of at least three (3) feet at the time of installation. Perimeter buffer zones shall also contain deciduous trees.
- (d) Vehicle Overhang. Parked vehicles may hang over the interior landscaped area no more than two and one-half (2-1/2) feet. Concrete or other wheel stops shall be provided to ensure no greater overhang or penetration on the landscaped area.
- (e) Ground Cover. Grass or ground cover shall be planted on all portions of the easements not occupied by other landscaped material. Such material fulfills the required interior or perimeter landscaping.
(Ord. 98-28. Passed 11-10-98.)

1274.09 LANDSCAPING FOR SERVICE STRUCTURES.

Service structures shall include, but not be limited to, loading docks, propane tanks, dumpsters, electrical transformers, utility vaults which extend above electrical and other equipment or elements providing service to a building or a site. Structures may be grouped together. However, screening height shall be based upon the tallest of the structures. Wireless telecommunication facilities are not to be considered a service structure. Landscaping and buffering of wireless telecommunication facilities is set forth in Chapter 1280.

- (a) Location of Screening. A continuous planting of evergreens or a fence or wall of earth must enclose any service structure on all sides, unless such structure must be frequently moved or accessed, in which case screening material shall be one (1) foot more than the height of the enclosed structure, but shall not be required to exceed ten (10) feet in height. Whenever a service structure is located next to a building wall, perimeter landscaping material shall be of a height sufficient to meet the height requirements set out in this chapter. Whenever service structures are screened by plant material, such material may count towards the fulfillment of required interior or perimeter landscaping. No interior landscaping shall be required within an area screened for service structures.

- (b) Curbs to Protect Screening Material. Whenever screening material is placed around any trash disposal unit or waste collection unit which is emptied or removed mechanically on a regular basis, a curb to contain the placement of the container shall be provided within the screening material. The curbing shall be at least one (1) foot from the material and shall be designed to prevent possible damage to the screening when the container is moved or emptied.
(Ord. 98-28. Passed 11-10-98.)

1274.10 BUFFERYARD REQUIREMENTS.

WHEN...	IS PROPOSED TO ABUT...	A MINIMUM BUFFERYARD OF...	PLANT MATERIAL
Any retail, office or commercial land use of 20,000 square feet or more of gross floor area	Any R-1, R-2, R-3, R-4 or R-5 zone or land use	50' side and/or rear bufferyard is required with...	40' wide, 6' tall earthen berm + 1 tree (A) ¹ @ a maximum of 25' O.C. ² + a double-row 6' hedge (E) ¹
Any commercial or retail land use under 20,000 square feet or more of gross floor area	Any R-1, R-2, R-3, R-4 or R-5 zone or land use	50' side and/or rear bufferyard is required with...	EITHER: 1 tree (A) ¹ @ 25'-35' O.C. ² + a double row 6' hedge (E) ¹ OR
Any office land use under 20,000 square feet or more of gross floor area	Any R-1, R-2, R-3, R-4 or R-5 zone or land use	30' side and/or rear bufferyard is required with...	6' wall, fence or earthmound + 3' hedge (D) ¹ + 1 tree (A) ¹ @ 25'-35' O.C. ² OR A double row, staggered planting of trees (C) ¹ 15' O.C. ²
Any industrial land use	Any R-1, R-2, R-3, R-4, R-5, C-1, C-2, C-3 or B-P zone or land use	50' side and/or rear bufferyard is required with...	40' wide, 6' tall earthen berm + a double row of staggered trees (C) ¹ @ 15' O.C. ² STORAGE YARD – 6' fence or wall + hedge (E) ¹ facing front yard only and/or drive
Any multi-family land use	Any R-1, R-2 or R-3 zone or land use	15' side and/or rear yard is required with...	EITHER: 1 tree (A) ¹ @ 25'-35' O.C. ² + a double row 6' hedge (E) ¹ OR 6' wall, fence or earthmound + a 3' hedge (E) ¹ OR a double row, staggered planting of trees (C) ¹ 15' O.C. ²

Any institutional land use	Any R-1, R-2 or R-3 zone or land use	15' side and/or rear yard is required with...	EITHER: A staggered double row of evergreens and trees (B and C) ¹ @ 15' O.C. ² + a single row 6' hedge (E) ¹ OR 6' wall or fence + 1 tree (A) ¹ @ 25'-35' O.C. ²
Any business land use	The public right-of-way, public or private street	10% of total front yard area must be landscaped with...	Trees, shrubs, planting beds, and/or perennials in a motif designed by the owner. This is in addition to other required landscaping
A Parking Area ³ associated with any zone or land use except single-family residences	Any public or private street	6 1/2' perimeter screening easement with...	EITHER: 1 tree (A) ¹ @ 25'-35' O.C. ² + shrubs (D or E) ¹ @ 3' O.C. ² OR 1 tree (B) ¹ @ 20'-30' O.C. ² + shrubs (D) or (E) ¹ @ 3' O.C. ² (1 tree minimum)

- 1 (A, B, C, D or E) - Means plantings from the list(s) in parentheses following this chapter.
- 2 O.C. - Means "on center" unless otherwise noted.
- 3 In this situation, the property perimeter screening may also count as Parking Area perimeter screening."
(Ord. 07-42. Passed 10-09-07.)

1274.11 MODIFICATIONS OF BUFFERYARD REQUIREMENTS.

The Planning Commission may approve modifications to the bufferyard requirements. The Commission shall base its decision on all of the following criteria:

- (a) The specific conditions which are unique to the applicant's land.
- (b) The manner in which the strict application of the provision of this chapter would deprive the applicant of a reasonable use of the land in a manner equivalent to the use permitted other landowners in the same zone.
- (c) The unique conditions and circumstances are not the result of actions of the applicant subsequent to the adoption of this chapter.
- (d) Reasons that the modification shall preserve, not harm, the public safety and welfare, and shall not alter the essential character of the neighborhood.
- (e) A demonstration that the applicant has provided for a buffer that achieves the spirit of this chapter.

The Planning Commission may also approve the use of existing trees within the proposed bufferyard area if the tree is not included on the plant lists in Section 1274.12, if native and hardy to Zones 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map. (Ord. 98-28. Passed 11-10-98.)

1274.12 PLANT LISTS.

The following plants are representative of those to be utilized in the bufferyard as indicated in the matrix in Section 1274.10.

PLANT LIST A
SHADE TREES

These trees are hardy in Zones 5-6, are deciduous and reach a mature height as indicated by the following: Large - 60', Medium - 40', Small - 20'. Other shade trees which are native and hardy to Zones 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map may also be used within the landscaped or bufferyard area.

LARGE TREES

Common Plant Names	European Beech	Norway Maple
Plant Botanical Name	Fagus sylvatica	Acer platanoides
Specie Cultivars		`Columnaire' `Crimson King' `Summershade'
Common Plant Names	Ginkgo	Pin Oak
Plant Botanical Name	Ginkgo biloba (male only)	Quercus Palustris
Specie Cultivars	`Autumn Gold' `Fastigiata' `Sentry'	`Sovereign' `Crown Rite'
Common Plant Names		Red Maple
Plant Botanical Name	Fraxinus pennsylvanica lanceolata	Acer rubrum
Specie Cultivars	`Marshall Seedless'	`Autumn Flame' `October Glory' `Red Sunset'

Common Plant Names	Scarlet Oak	Red Oak
Plant Botanical Name	Quercus coccinea	Quercus rubra
Specie Cultivars		
Common Plant Names	London Plane	Tree Tulip Poplar
Plant Botanical Name	Plantanus x acerifolia	Liriodendron tulipifera
Specie Cultivars		
Common Plant Names	Sugar Maple	Sweetgum
Plant Botanical Name	Acer saccharum	Liquidambar styraciflua
Specie Cultivars		
Common Plant Names	Willow Oak	Elm
Plant Botanical Name	Quercus phellos	Ulmus parvifolia
Specie Cultivars		`Lace Bark Elm'
Common Plant Names	Shumardi Oak	Shingle Oak
Plant Botanical Name	Quercus shumardii	Quercus imbricaria
Specie Cultivars		

MEDIUM TREES

Common Plant Names	Callery Pear	Littleleaf Linden
Plant Botanical Name	Pyrus calleryana	Tilia cordata
Specie Cultivars	`Aristocrat' `Chancellor'	`Chancellor' `Greenspire' `June Bride'
Common Plant Names	Japanese Pagoda Tree	Japanese Zelkova
Plant Botanical Name	Sophora japonica	Zelkova serrata
Specie Cultivars		`Regent'
Common Plant Names	Thornless Honey Locust	Yellowwood
Plant Botanical Name	Gleditsia triacanthos	Cladrastis lutea
Specie Cultivars	`Moraine' `Shademaster' `Skyline' `Imperial'	
Common Plant Names	Amur Cork	River Burch
Plant Botanical Name	Phellondendron amurense	Betula nigra
Specie Cultivars		
Common Plant Names	Katsura Tree	
Plant Botanical Name	Cercidiphyllum japonicum	Fraxinus excelsior
Specie Cultivars		

SMALL TREES

Common Plant Names	Sourwood	Hedge Maple
Plant Botanical Name	Oxydendron arboreum	Acer campestre
Specie Cultivars		`Queen Elizabeth'
Common Plant Names	Amur Maple	Paperbark Maple
Plant Botanical Name	Acer ginnala	Acer griseum
Specie Cultivars	`Flame'	
Common Plant Names	European Hornbeam	Hornbeam
Plant Botanical Name	Carpinus betulus	Ostrya virginiana
Specie Cultivars	`Upright'	

PLANT LIST B
FLOWERING TREES

These trees are hardy in Zones 5-6, are deciduous and reach a mature height not exceeding thirty (30) feet. Other flowering trees which are native and hardy to Zones 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map may also be used within the landscaped or bufferyard area.

Common Plant Names	Callery Pear	Downy Serviceberry
Plant Botanical Name	Pyrus calleryana	Amelanchier canadensis
Specie Cultivars	`Aristocrat' `Chancellor'	
Common Plant Names	Crabapple	Allegheny Serviceberry
Plant Botanical Name	Malus varieties	Amelanchier laevis
Specie Cultivars	`Bob White' `Sargeant' `Snowdrift' `White Angel'	`Robin Hill'
Common Plant Names	Eastern Redbud	Sweetbay Magnolia
Plant Botanical Name	Cercis canadensis	Magnolia virginiana
Specie Cultivars	`Flame' `Forest Pansey' `Royal'	
Common Plant Names	Dogwood	Lilac
Plant Botanical Name		Syringa reticulata
Specie Cultivars	`Cornus florida' `Cornus kousa' `Cornus mas'	Japanese Silk Lilac `Ivory Silk Lilac'
Common Plant Names	Golden Raintree	Witch Hazel
Plant Botanical Name	Koelreutaria paniculata	Hamamelis virginiana
Specie Cultivars		

Common Plant Names	Green Hawthorne	
Plant Botanical Name	Crataegus viridis	Fraxinus ornus
Specie Cultivars	`Winter King'	
Common Plant Names	Sargent Cherry	Saucer Magnolia
Plant Botanical Name	Prunis sargentii	Magnolia soulangiana
Specie Cultivars	`Columnaris'	
	`Kwanzan'	
Common Plant Names	Star Magnolia	
Plant Botanical Name	Magnolis stellata	
Specie Cultivars		

PLANT LIST C
EVERGREEN TREES

These trees that are hardy in Zones 5-6, are evergreen, can reach a mature height over thirty (30) feet, and if not limbed-up can create a screen from the ground level up. Other evergreen trees which are native and hardy to Zones 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map may also be used within the landscaped or bufferyard area.

Common Plant Names	American Holly	Austrian Pine
Plant Botanical Name	Ilex opaca	Pinus nigra
Specie Cultivars	`Xanthocarpa'	
Common Plant Names	Canadian Hemlock	Carolina Hemlock
Plant Botanical Name	Tsuga canadensis	Tsuga caroliniana
Specie Cultivars		
Common Plant Names	Eastern Red Cedar	Colorado Blue Spruce
Plant Botanical Name	Juniperus virginiana	Picea pungens
Specie Cultivars		Glanca
Common Plant Names	Norway Spruce	Scotch Pine
Plant Botanical Name	Picea abies	Pinus sylvestris
Specie Cultivars		
Common Plant Names	Southern Magnolia	White Fir
Plant Botanical Name	Magnolia grandiflora	Abies concolor
Specie Cultivars		
Common Plant Names	White Pine	
Plant Botanical Name	Pinus strobus	
Specie Cultivars		

PLANT LIST D
DECIDUOUS SHRUBS

These perennial woody plants grow at least three (3) feet in height, are tolerant in Zones 5-6 and are deciduous. Other deciduous shrubs which are native and hardy to Zones 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map may also be used within the landscaped or bufferyard area.

Common Plant Names	Burning Bush	Doublefile Viburnum
Plant Botanical Name	Euonymus alatus	Viburnum plicatum tomentosum
Specie Cultivars	`Compactus'	
Common Plant Names	Forsythia Species	Quince
Plant Botanical Name		Chaenomeles speciosa
Specie Cultivars		
Common Plant Names	Shrub Cinquefoil	Spirea Species
Plant Botanical Name	Potentilla fruticosa	
Specie Cultivars		
Common Plant Names	Spreading Cotoneaster	Winterberry Barberry
Plant Botanical Name		Berberis julianne
Specie Cultivars	Cotoneaster divaricata	

PLANT LIST E
EVERGREEN SHRUBS

These perennial woody plants grow at least three (3) feet in height, are tolerant in Zones 5-6 and are evergreen. Other evergreen shrubs which are native and hardy to Zone 5-6 of the United States Department of Agriculture Plant Hardiness Zone Map may also be used within the landscaped or bufferyard area.

Common Plant Names	Anglojap Yew	Blue Holly
Plant Botanical Name	Taxus x media	Ilex x meserveae
Specie Cultivars	`Brownii'	`Blue Angel'
	`Densiformis'	`Blue Prince'
	`Hicksii'	`Blue Princess'
	`Wardii'	
Common Plant Names	Chinese Juniper	Japanese Holly
Plant Botanical Name	Juniperis chinensis	Ilex crenata
Specie Cultivars	`Hetzil'	`Microphylla'
	`Keteleeri'	`Rotundifolia'
	`Mint Julip'	
	`Robusia Green'	
Common Plant Names	Japanese Yew	Korean Boxwood
Plant Botanical Name	Taxus cuspidata	Buxus microphylla koreana
Specie Cultivars	`Capitata'	
	`Intermedia'	
	`Nana'	

Common Plant Names	Leatherleaf Viburnum	Mugho Pine
Plant Botanical Name	Viburnum rhytidophyllum	Pinus mugho
Specie Cultivars		

Common Plant Names	Spreading Yew
Plant Botanical Name	Taxus x media
Specie Cultivars"	

(Ord. 2007-42. Passed 10-09-07)