

ZONING

128 Attachment 2

Appendix II - Bufferyard Requirements

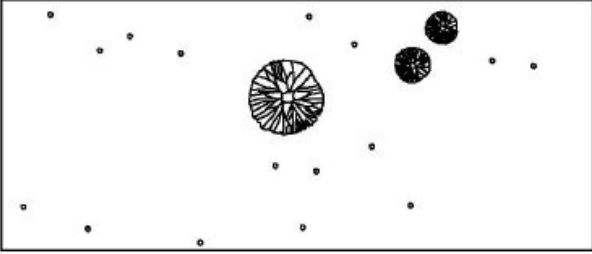
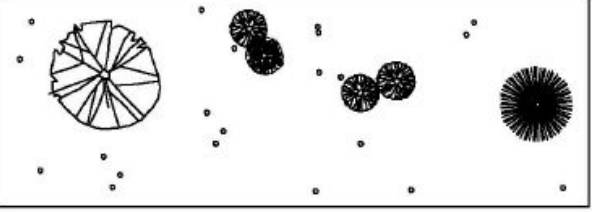

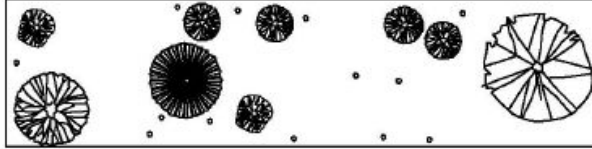
§ 1. Bufferyard specifications.

- A. The following illustrations graphically indicate the specifications of each bufferyard. Bufferyard requirements are stated in terms of the width of the bufferyard and the number of plant units required per 100 linear feet of bufferyard. The recommended bufferyard should be one of the options illustrated. The “plant unit multiplier” is a factor by which the basic number of plant materials required for a given bufferyard is determined, given a change in the width of that yard. The type and quantity of plant materials required by each bufferyard, and each bufferyard option, are specified in this section.
- B. Afforestation and reforestation plantings required under the Forest Conservation requirements contained in the ordinance may occur in bufferyards, provided that such plantings meet the minimum requirements for afforestation or reforestation.
- C. The options within any bufferyard are designed to be equivalent in terms of their effectiveness in eliminating the impact of adjoining uses. Cost equivalence between options was attempted where possible. Generally, the plant materials that are identified as acceptable are determined by the type(s) of soil present on the site. Each illustration depicts the total bufferyard located between two uses.

§ 2. Plant material.

- A. The following plant material substitutions shall satisfy the requirements of this section.
 - (1) In bufferyard A, evergreen canopy or evergreen understory trees may be substituted as follows:
 - (a) In the case of deciduous canopy forest trees, up to a maximum of 50% of the total number of deciduous canopy trees is otherwise required.
 - (b) In the case of deciduous understory, without limitation.
 - (2) In all bufferyards, evergreen or conifer shrubs may be substituted for deciduous shrubs without limitation.
 - (3) In all bufferyards required for public service uses, the public service use may substitute evergreen canopy or evergreen understory plant materials for canopy forest trees and understory plant materials without limitation.
- B. If the development on the adjoining use is existing, planned, or deed-restricted for solar access, understory trees may be substituted for canopy trees where canopy trees would destroy solar access. Any existing plant material which otherwise satisfies the requirements of this section may be counted toward satisfying all such requirements.
- C. Evergreen (or conifer) Class III and IV plant materials shall be planted in clusters rather than singly in order to maximize their chances of survival.
- D. All bufferyard areas shall be seeded with lawn unless the ground cover is already established.

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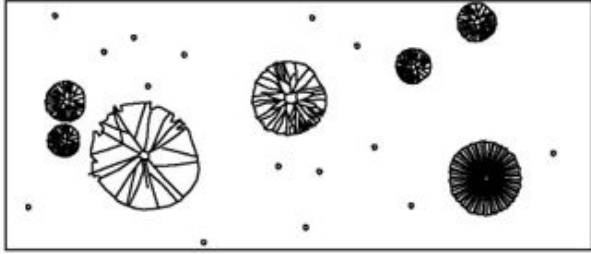
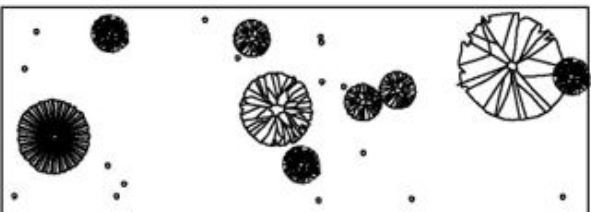
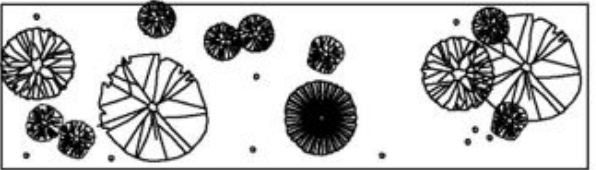
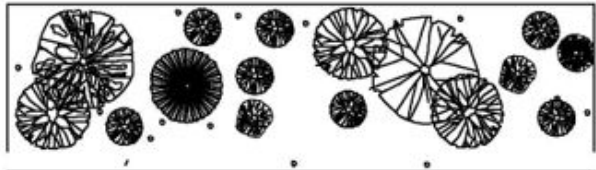
Plant Unit Multiplier	100'	Resulting Plan Units Required
0.6		25' 1 Understory Trees 2 Shrubs
0.8		20' 1 Canopy Trees 1 Understory Trees 4 Shrubs
0.9		15' 1 Canopy Trees 2 Understory Trees 5 Shrubs
1.0		10' 1 Canopy Trees 2 Understory Trees 6 Shrubs

Appendix II
Bufferyard Standards

BUFFERYARD A

Denton, Maryland
Zoning Ordinance

ZONING

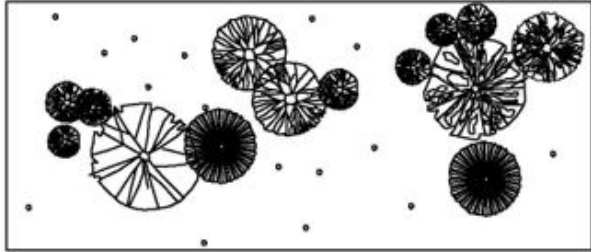
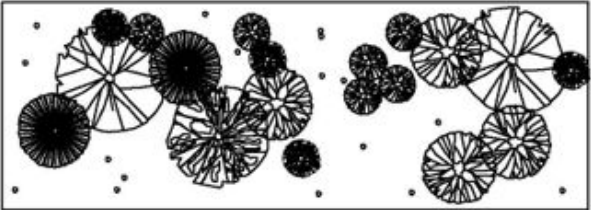
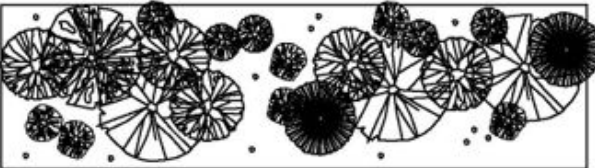
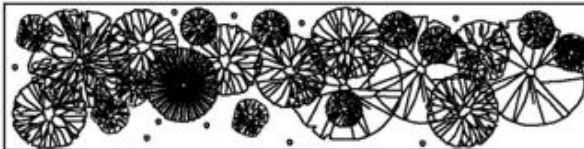
Plant Unit Multiplier	100'	Resulting Plan Units Required
0.6		30' 1 Canopy Trees 2 Understory Trees 4 Shrubs
0.8		25' 1 Canopy Trees 2 Understory Trees 6 Shrubs
0.9		20' 2 Canopy Trees 3 Understory Trees 8 Shrubs
1.0		10' 2 Canopy Trees 4 Understory Trees 10 Shrubs

Appendix II
Bufferyard Standards

BUFFERYARD B

Denton, Maryland
Zoning Ordinance

DENTON CODE

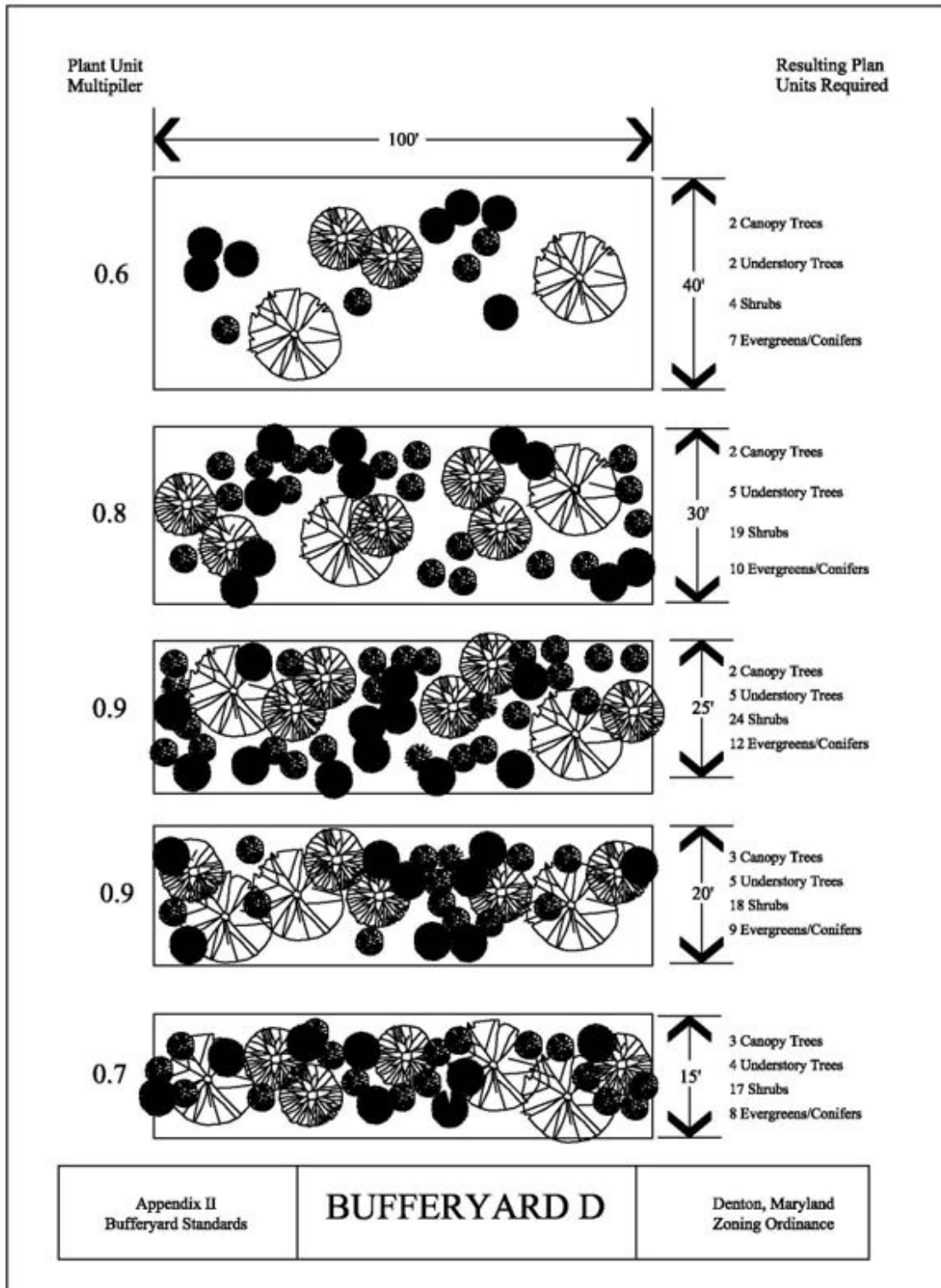
Plant Unit Multiplier	← 100' →	Resulting Plan Units Required
0.6		30' 2 Canopy Trees 5 Understory Trees 7 Shrubs
0.8		25' 3 Canopy Trees 6 Understory Trees 10 Shrubs
0.9		20' 4 Canopy Trees 7 Understory Trees 11 Shrubs
1.0		10' 4 Canopy Trees 8 Understory Trees 12 Shrubs

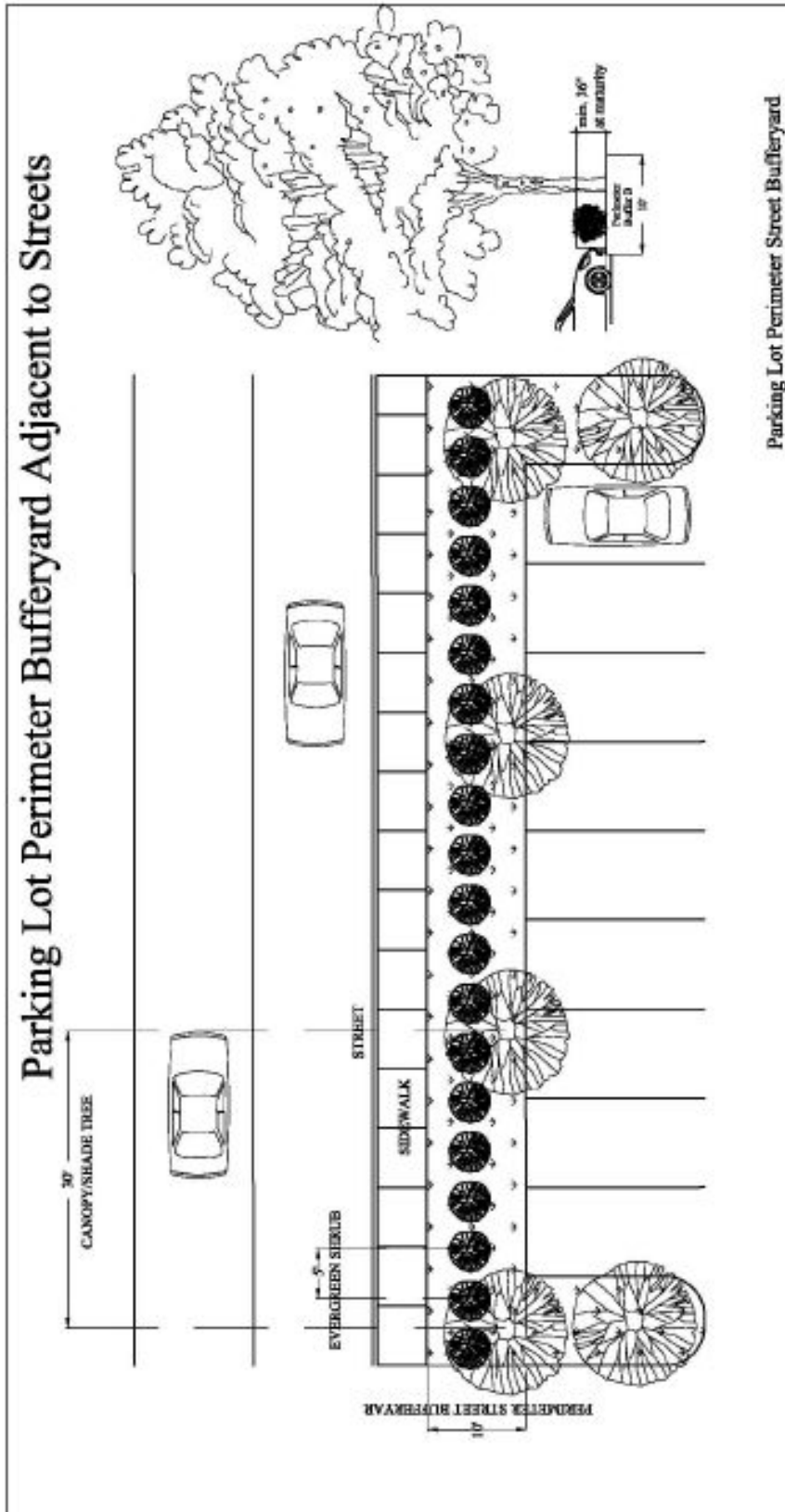
Appendix II
Bufferyard Standards

BUFFERYARD C

Denton, Maryland
Zoning Ordinance

ZONING





Parking Lot Perimeter Street Bufferyard