



City of Hampton Landscape Guidelines

APPROVED:

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INTRODUCTION

In recognition of the environmental value of maintaining a balance between the manmade and natural environment, each site developed pursuant to a site plan or subdivision plat in the City of Hampton is required to set aside a certain amount of natural green area in accordance with the city zoning ordinance. Applicants should refer to the City of Hampton zoning ordinance for green area dimension requirements, which are not included herein.

These City of Hampton Landscape Guidelines ("Landscape Guidelines") govern other site development requirements, including: (1) the landscaping of green areas, (2) tree removal, (3) tree preservation, and (4) buffer establishment and maintenance. The objective of these guidelines is to:

- (a) Ensure development that is consistent with the goals of the community plan related to natural resources and community appearance;
- (b) Promote the public health, safety, and welfare;
- (c) Protect and preserve the appearance, character, and value of properties within the city;
- (d) Conserve energy by providing shade and wind breaks;
- (e) Minimize noise, dust, glare, and heat;
- (f) Improve air quality;
- (g) Provide pervious areas which help to reduce runoff and recharge groundwater;
- (h) Prevent soil erosion; and
- (i) Protect water quality.

How to Use the Landscape Guidelines:

The Landscape Guidelines are divided into four (4) Articles.

Article I includes general rules and provides for the administration and enforcement of the Landscape Guidelines, as well as submission requirements for landscape plans. Article II provides the **General Requirements for All Zoning Districts**, and Article III provides the **Specific Requirements by Zoning District**.

The **General Requirements** apply to all zoning districts in addition to the **Specific Requirements** by Zoning District unless a more restrictive Specific Requirement of a particular zoning district conflicts with a General Requirement provision, in which case the more restrictive Specific Requirement provision will apply. Therefore, **applicants must refer to both the General Requirements and Specific Requirements by Zoning District** to ensure they are including all of the requirements applicable to their development that are necessary for site plan or subdivision plat review.

Article IV provides **Requirements Applicable to Subdivisions**, including but not limited to the location of street trees and the selection and spacing thereof. All other provisions of the Landscape Guidelines remain applicable to a subdivision unless there is a conflict with an Article IV provision, in which case the Article IV provision will prevail.

Pre-Application Conferences and Modification of Requirements:

Applicants are strongly encouraged to schedule a pre-application conference to discuss their development plans with City staff in order to identify and troubleshoot problems before submitting an official application for site plan or subdivision plat review.

At a pre-application conference, applicants with innovative landscaping designs that are in keeping with good planning practices and the character of Hampton's neighborhoods—but differ from the requirements of the Landscape Guidelines—should so state. The director of the department of community development or his designee is authorized to modify the requirements when appropriate in accordance with Sec. 1-5 of the Landscape Guidelines.

ARTICLE I – APPLICABILITY, ADMINISTRATION AND ENFORCEMENT, SUBMISSION AND REVIEW

Sec. 1-1. – Applicability.

All work and development governed by Chapters 35 and 35.1 of the City Code of the City of Hampton, Virginia (“city code”) entitled “Subdivisions,” and “Site Plans,” respectively, and any other applicable city code or zoning ordinance provisions, shall be subject to the City of Hampton Landscape Guidelines (“Landscape Guidelines”), as required by said Chapters.

Sec. 1-2. – Administration and enforcement.

The provisions of the Landscape Guidelines are enforced pursuant to the authority of Chapters 35 and 35.1 of the city code. Accordingly, the director of the department of community development or his designee shall administer and enforce the Landscape Guidelines as the “city agent” or “subdivision agent,” as applicable.

Wherever the term director of the department of community development or public works is used throughout the Landscape Guidelines, the term shall include their respective authorized designees.

Sec. 1-3. – Definitions.

Except as may otherwise be defined herein or in other applicable provisions of the city code and the city zoning ordinance, the definitions set forth in Chapter 2.1 of the city zoning ordinance shall control the meaning of any terms or phrases used herein.

Sec. 1-4. – Green areas must be landscaped; landscape plan required.

- (a) All green areas required by the zoning ordinance shall be landscaped as set forth in the Landscape Guidelines.
- (b) In any development pursuant to Chapters 35 and 35.1 of the city code, a landscape plan complying with all applicable provisions of the Landscape Guidelines shall be submitted to, reviewed, and approved by the director of the department of community development or his designee prior to the issuance of any building permit(s).

Sec. 1-5. – Modification or waiver of Landscape Guidelines.

- (a) Landscape plans deviating from Landscape Guidelines. A landscape plan that deviates from the Landscape Guidelines may also be approved by the director of the department of community development or his designee. Such landscape plan must be submitted to the director of the department of community development or his designee for review. Approval of any landscape plan which does not meet the Landscape Guidelines shall be at the discretion of the director of the department of community development or his designee in accordance

with good planning practices and in compliance with any applicable provisions of the city code or city zoning ordinance. The purpose of this provision is to not preclude innovative landscaping treatments and site designs which may create a quality design while not explicitly meeting the standards specified in the Landscape Guidelines.

- (b) Legally nonconforming lots and structures; unnecessary hardship. Except as otherwise set forth in the city code or the city zoning ordinance, the director of the department of community development or his designee may waive the requirement of a landscape plan for legally nonconforming lots and structures, or in order to accommodate topographical or size or area of a lot or parcel or any circumstance resulting in an unnecessary hardship other than economic hardship.
- (c) Notation on plan or plat. Where such modification or waiver is granted, the director of the department of community development or his designee shall attach such modification or waiver in the form of notations on the landscape plan, site plan, or final subdivision plat.

Sec. 1-6. – Installation of landscaping; Certificate of Occupancy; Surety.

- (a) Inspection required. Where landscaping is required, no final certificate of occupancy shall be issued until the required landscaping is completed in accordance with the approved landscape plan as certified by an on-site inspection by the city.
- (b) Optional surety. When the occupancy of a structure is desired prior to the completion of the required landscaping, a final certificate of occupancy may be issued only if the owner or developer provides to the city a form of surety satisfactory to the city attorney in an amount equal to the remaining plant materials, related materials, and installation costs with the costs approved by the director of the department of community development or his designee. All required landscaping must be installed and approved within six (6) months following the issuance of the certificate of occupancy or the surety shall be forfeited to the city.

Sec. 1-7. – Maintenance of landscaping.

Maintenance of landscaping is a continuing obligation of the owner, and the owners and their agents shall be responsible for providing, protecting and maintaining all landscaping in healthy and growing conditions at all times, replacing unhealthy 50% or more, dead or completely dead plant material, within 90 days upon written notice of violation, except when replacements should be delayed because of seasonal factors until the next planting season. Replacement materials shall conform to the original intent of the approved landscape plan as determined by the director of the department of community development or his designee.

ARTICLE II – GENERAL REQUIREMENTS APPLICABLE TO ALL ZONING DISTRICTS

Sec. 2-1. – Landscape requirements.

- (a) Contents of the landscape plan. Refer to Appendix A for required contents of a landscape plan.
- (b) Design Requirements. For development on property where the following landscape requirements are not specifically addressed by an Article III Specific Requirement by Zoning District provision, a landscape plan shall meet the following requirements:
 - (1) Within green areas existing, healthy trees measuring at least six (6) inches in diameter at four and one-half (4 ½) feet from the ground shall be preserved and protected whenever possible according to standards in the most recent edition of the Virginia Erosion and Sediment Control Handbook.
 - (2) Saving existing trees; credits. Developments which save existing trees of six (6) inches in diameter or more measured four and one-half (4½) feet above ground may receive a reduction in the number of required trees at a rate of two (2) for every tree saved. Such credits may only be approved by the director of the department of community development or his designee. Existing trees which are retained may satisfy 100% of the number of trees required so long as all other provisions of these guidelines are met.
 - (3) Either one (1) existing tree or one (1) new tree exhibiting both a minimum trunk diameter of one and one-half (1 ½) inches measured six (6) inches above ground level and a minimum height of eight (8) feet shall be required for each 400 square feet of the required green area; provided, however, that the species listed in Appendix B shall not be planted.
 - (4) Plant materials. Each site shall include a mix of plant species in order to promote a hearty landscape and visual interest. Each landscape plan shall include, but not be limited to, the use of trees, shrubs, and ground cover.
 - (5) Sites less than two acres. On sites of less than two (2) acres, the following criteria must be satisfied:
 - a. On sites which front upon only one (1) public street or proposed right-of-way, a minimum of seventy-five (75) percent of the of the required landscaping shall be located within the front yard.
 - b. On sites which front upon two (2) public streets or proposed rights-of-way, a minimum of seventy-five (75) percent of the required landscaping shall be distributed within the yard areas adjacent to the existing or proposed public rights-of-way; no such area shall contain less than thirty (30) percent of the requirement.
 - c. On sites which front upon more than two (2) public streets or proposed rights-of-way, no less than twenty (20) percent of the required landscaping

shall be located in each yard fronting upon existing or proposed public rights-of-way.

(6) Sites two acres or more. On sites of two (2) or more acres, the following criteria must be satisfied:

- a. On sites which front upon only one (1) public street or proposed right-of-way, a minimum of fifty (50) percent of the required landscaping shall be located within the front yard.
- b. On sites which front upon two (2) public streets or proposed rights-of-way, a minimum of fifty (50) percent of the required landscaping shall be distributed within the yard areas adjacent to existing or proposed public rights-of-way; no such area shall contain less than twenty (20) percent of the requirement.
- c. On sites which front upon more than two (2) public streets or proposed rights-of-way, no less than twenty (20) percent of the required landscaping shall be located within each yard fronting upon existing or proposed public rights-of-way.

(7) Parking Areas. Landscaping requirements in parking areas are as follows:

- a. When a parking lot is located such that parked cars will be visible from a public street, low evergreen shrubs shall be planted to fully screen the entire length of the parking lot along the public street with a minimum plant height of 24 inches at installation. Alternative means to screen parking areas may be implemented upon approval by the director of the department of community development or his designee.
- b. When a parking lot is located such that parked cars will be visible from an adjacent residential district, low evergreen shrubs shall be planted to fully screen the entire length of the parking lot along the adjacent residential district with a minimum plant height of 24 inches at installation. Alternative means to screen parking areas may be implemented upon approval by the director of the department of community development or his designee.
- c. In any parking area containing thirty (30) or more spaces, one (1) shade tree shall be provided within the parking area for every ten (10) parking stalls provided.

(8) Street Trees. Where street trees are required, standards are as follows:

- a. Street trees within the City right-of-way:
 - i. Trees shall be located within 10 feet of the back of curb, or six (6) feet from the back of sidewalk unless tree wells have been provided.
 - ii. Trees shall be located in a way that minimizes conflicts with street and site lighting.
 - iii. Tree wells shall have a minimum four (4) feet by four (4) feet opening. Larger tree wells are encouraged wherever feasible.

- iv. Where the overall width of the sidewalk does not allow a minimum four (4) feet clear travel way adjacent to tree wells, a treatment that allows pedestrian travel (e.g., tree grates, pavers, bonded aggregate, or other innovative solutions) may be required at the discretion of the Director of the Department of Community Development or his designee. The type of treatment and method of installation is subject to approval by the Director of the Department of Community Development or his designee.
 - b. Street Tree List. The Director of the Department of Community Development or his designee shall be responsible for maintaining the City of Hampton's Official Street Tree Planting List composed of types and species of trees that are suitable and desirable for planting, as well as the area and conditions appropriate for the planting of the trees, and for the designation of the type and species of street tree for a specific street. All street trees shall be in compliance with the most recent revision of the City of Hampton's Official Street Tree Planting List attached hereto as Appendix C.
- (9) Screened dumpsters and compaction devices. All dumpsters and compaction devices shall be screened on three (3) sides by a vegetated screening treatment of trees and/or shrubs, an opaque wooden or masonry enclosure or a combination of both on at least three (3) sides. Whenever possible, dumpsters and compaction devices shall not be located within front yards or side yards fronting upon public streets.
- (10) Installation. Plant materials shall be selected and installed to comply with the following:
- a. All landscaping shall be installed in a careful manner and according to planting practices acceptable in the nursery and landscape industry.
 - b. Plant materials shall be planted so that at maturity they do not interfere with service lines, vehicle drive aisles and parking stalls, sight lines, street lights, pedestrian paths, and other public improvements or infrastructure. Trees planted near public sidewalks or curbs shall be installed in a manner that avoids and minimizes physical damage to sidewalks, curbs, gutters and other public improvements.
 - c. Planting season recommendations for landscaping on private property:
 - i. Plant materials should be installed from September to March.
 - ii. Any dates not listed above in this section shall be considered out-of-season.
 - iii. When the occupancy of a structure is desired prior to the completion of the required landscaping, an acceptable surety must be provided according to Sec. 1-6 of these Landscape Guidelines.
 - d. Planting season requirements for landscaping on public property:
 - i. Plant materials shall be installed from September to March.

ii. Any dates not listed above in this section shall be considered out-of-season.

(11) Landscape plans which deviate from the above standards may also be approved. Such a landscape plan must be submitted to the Director of the Department of Community Development or his designee for review. Approval of any landscape plan which does not meet the above standards shall be at the discretion of the Director of the Department of Community Development or his designee. The purpose of this provision is to not preclude innovative landscape treatments and site designs which may create a quality design while not explicitly meeting the standards specified above.

ARTICLE III – SPECIFIC REQUIREMENTS BY ZONING DISTRICT

Sec. 3-1. – Outdoor material storage (Chapter 3, Section 3-3(31)); Landscape requirements.

Where permitted, outdoor material storage areas shall be subject to the following landscaping requirements:

- (a) Storage area setbacks shall be landscaped with shrubs that are two (2) feet high at installation, located five (5) feet apart, and with trees that are eight (8) feet high, one and one-half (1½) inch caliper, located forty (40) feet apart. Alternative landscaping that results in the same screening effect may be substituted, upon approval by the director of the department of community development or his designee.
- (b) Landscaping for expansion of storage area on property owned by businesses utilizing outdoor material storage on December 14, 1988. In the case where the expansion abuts a residential, commercial, or special public interest zone, the required setback shall be landscaped with two (2) foot shrubs, located five (5) feet apart, and eight (8) foot, one and one-half (1½) inch caliper trees, located 40 feet apart, or alternative landscaping approved by the director of the department of community development or his designee.

Sec. 3-2. – RT-1 District—Todds Lane and Big Bethel Road (Chapter 8, Article II); Landscape requirements.

- (a) Whenever possible, natural vegetation and topography shall be maintained. An even distribution of green area and plant materials is desirable. A landscape plan shall be approved by the director of the department of community development prior to the issuance of a zoning permit.
- (b) Landscaping shall include, at a minimum:
 - (1) At least one (1) tree for every 800 square feet of required green area. The retention of one (1) existing tree shall be the equivalent of two (2) new trees.
 - (2) At least ten (10) shrubs for every 800 square feet of required green area. The retention of existing shrubs shall count toward this requirement on a 1:1 basis.
 - (3) Paved areas and exterior utility boxes softened and/or screened with plant materials.
 - (4) Foundation plantings along at least three (3) sides of each building.

Sec. 3.3. – LFA Districts - Langley Flight Approach Districts (Chapter 8, Article I); Landscape requirements.

Magruder Boulevard and Commander Shepard Boulevard Setbacks. A landscaping plan for the required setback shall be approved by the director of the department of community development or his designee prior to the issuance of a building permit for the main structure, and shall meet the following standards:

- (a) An even distribution of landscaping material shall be provided throughout the setback, such that an appearance of a continuous row of trees is achieved.
- (b) Landscaping materials shall be deciduous trees of two (2) inches or greater caliper at a point four (4) feet above natural grade, at intervals of 30 feet on center, or evergreen trees of eight (8) to ten (10) feet in height at intervals of ten (10) feet on center.

Sec. 3-4. – HRC-1 - Hampton Roads Center South (Chapter 8, Article IV); Landscape requirements.

- (a) Within green areas existing, healthy trees measuring at least three (3) inches in diameter at one (1) foot from the ground shall be saved whenever possible. New trees shall exhibit the following minimum caliper: Shade or street trees, four (4) inches; specimen or character trees, three (3) inches; evergreen trees, two and one-half (2½) inches, and flowering trees, two (2) inches.
- (b) The following trees are acceptable for use in landscaping areas:
 - (1) Live Oak (*Quercus virginiana*);
 - (2) Northern Red Oak (*Quercus rubra*);
 - (3) Willow Oak (*Quercus phellos*);
 - (4) Patented Red Maple (*Acer rubrum* cultivar);
 - (5) Red Maple (*Acer rubrum*);
 - (6) River Birch (*Betula nigra*);
 - (7) Tulip Tree (*Liriodendron tulipifera*);
 - (8) Japanese Maple (*Acer palmatum*);
 - (9) Japanese Privet (*Ligustrum japonicum*);
 - (10) Burford Holly (*Ilex cornuta* 'burfordii');
 - (11) Nellie R. Stevens Holly (*Ilex cornuta* 'Nellie R. Stevens');
 - (12) Wax Myrtle (*Myrica cerifera*);
 - (13) Photinia (*Photinia fraseri*);
 - (14) White Pine (*Pinus strobus*);
 - (15) Virginia Pine (*Pinus virginiana*);
 - (16) Loblolly Pine (*Pinus taeda*);
 - (17) Crabapple (*Malus hybrida*);
 - (18) Kwanzan Cherry (*Prunus serrulata*);
 - (19) Yoshino Cherry (*Prunus yedoensis*);
 - (20) Dogwood (*Cornus florida*);
 - (21) Crape Myrtle (*Lagerstroemia indica*);

- (22) Eastern Redbud (*Cercis canadensis*); or
 - (23) Alternative trees with the approval of the director of the department of community development or his designee.
- (c) Parking Areas. In a parking area containing 20 or more spaces, one (1) shade tree shall be provided for every 1,500 square feet of paved parking area. There shall be at least one (1) shade tree in each separate green area. No parking space shall be more than 70 feet from a green area.
- (d) Saving Existing Trees; Credits. Developments which save existing trees of three (3) inches in diameter or more, measured one foot from the ground, may receive a reduction in the number of required trees at a rate of two (2) for every tree saved. Such credits may only be approved by the director of the department of community development or his designee. Existing trees which are retained may satisfy 100% of the number of trees required so long as all other provisions of this ordinance are met.

Sec. 3-5. – O-MVC – Magruder Visual Corridor Overlay (Chapter 9, Article VI); Landscape requirements.

Landscape requirements for required setbacks abutting a major road:

- (a) An even distribution of landscaping material shall be provided throughout the setback, such that an appearance of a continuous row of trees is achieved.
- (b) Landscaping materials shall be deciduous trees of two (2) inches or greater caliper at a point four (4) feet above natural grade, at intervals of 30 feet on center, or evergreen trees of eight (8) to ten (10) feet in height, at intervals of ten (10) feet on center.

Sec. 3-6. – O-CBP – Chesapeake Bay Preservation Overlay (Chapter 9, Article II); Landscape requirements.

- (a) For development on property zoned O-CBP, a landscape plan shall include delineation of the following within areas shown as undisturbed, or as buffer areas proffered as part of a conditional rezoning or required as part of a use permit, or as part of a resource protection area:
 - (1) Existing trees six (6) inches or more in diameter, measured at four and one-half (4½) feet above ground level, to be retained on site;
 - (2) Any required buffer areas and all plant materials to be installed within such buffers;
 - (3) Trees to be removed from buffer areas;
 - (4) Trees to be removed from shoreline areas for stabilization projects;
 - (5) Grade changes and work adjacent to retained trees that may adversely impact trees. Specifications shall be provided as to grading, drainage and aeration of retained trees;
 - (6) Tree protection measures for all phases of construction; and

- (7) Botanical name of all replacement plants, with the assurance that all are:
 - a. Healthy specimens conforming to the standards of the most recent edition of the American Standard for Nursery Stock, published by the American Nursery & Landscape Association;
 - b. Installed in a careful manner and according to planting practices acceptable in the nursery and landscape industry; and
 - c. Installed, when used as replacement trees for trees removed from buffer areas, at a ratio of three (3) new trees to one removed. Replacement specimens shall be at least one and one-half (1½) inches in diameter, measured at six (6) inches above ground, and at least eight (8) feet in height at installation.

Sec. 3-7. – HRC-2 – Hampton Roads Center North (Chapter 8, Article IV); Landscape requirements.

- (a) All required green areas and buffers shall be landscaped and maintained in accordance with the requirements of the Hampton Roads Center North Campus Master Plan, as adopted.
- (b) Alternatives to the Hampton Roads Center North Campus Master Plan requirements may be considered by the EDA/DRC. Approval of alternatives shall be based on the committee's determination that the intent of the district, as stated in Chapter 8 Article IV, is met.
- (c) Parking Areas. Landscape requirements in parking areas containing 20 or more spaces are as follows:
 - (1) One (1) shade tree shall be provided within the parking area for every ten (10) parking stalls provided.
 - (2) There shall be at least one (1) shade tree in each separate green area.

Sec. 3-8. – HRC-3 – Hampton Roads Center West (Chapter 8, Article IV); Landscape requirements.

- (a) Within all required green areas except as otherwise required in this section:
 - (1) Healthy trees measuring at least three (3) inches in diameter at one (1) foot from the ground shall be saved whenever possible.
 - (2) New trees shall exhibit the following minimum caliper at one (1) foot from the ground: shade or street trees, four (4) inches; specimen or character trees, three (3) inches; evergreen trees, two and one-half (2½) inches; and flowering trees, two (2) inches.
 - (3) At least one (1) tree shall be provided for every 400 square feet of required green area.
- (b) The following trees are acceptable for use in landscaping:

- (1) Live Oak (*Quercus virginiana*);
- (2) Northern Red Oak (*Quercus rubra*);
- (3) Willow Oak (*Quercus phellos*);
- (4) Patented Red Maple (*Acer rubrum* cultivar);
- (5) Red Maple (*Acer rubrum*);
- (6) River Birch (*Betula nigra*);
- (7) Tulip Tree (*Liriodendron tulipifera*);
- (8) Japanese Maple (*Acer palmatum*);
- (9) Japanese Privet (*Ligustrum japonicum*);
- (10) Burford Holly (*Ilex cornuta* 'burfordii');
- (11) Nellie R. Stevens Holly (*Ilex cornuta* 'Nellie R. Stevens');
- (12) Wax Myrtle (*Myrica cerifera*);
- (13) White Pine (*Pinus strobus*);
- (14) Virginia Pine (*Pinus virginiana*);
- (15) Loblolly Pine (*Pinus taeda*);
- (16) Crabapple (*Malus hybrida*);
- (17) Kwanzan Cherry (*Prunus serrulata*);
- (18) Yoshino Cherry (*Prunus yedoensis*);
- (19) Dogwood (*Cornus florida*);
- (20) Crape Myrtle (*Lagerstroemia indica*);
- (21) Eastern Redbud (*Cercis canadensis*); or
- (22) Alternative trees with the approval of the director of the department of community development or his designee.

(c) Improvement setbacks required to be retained as green spaces. These green spaces shall be planted with evergreen and deciduous trees

- (1) At least 40 feet on center if shade trees; or
- (2) At least 25 feet on center if ornamental or understory trees.

(d) 50-foot required green area along Big Bethel Road. This green area shall be comprised of:

- (1) Existing vegetation, except that dead or diseased trees and undergrowth may be removed to provide lake views and ingress and egress to the site; or
- (2) A 50-foot wide, seven and one-half-foot tall vegetated berm, measured from the top of curb on Big Bethel Road, that extends the length of the Big Bethel Road frontage, with the exception of ingress and egress to the site.

- (e) 20-foot required green area along North Park Lane and Interstate 64. This green area shall be comprised of:
 - (1) Existing vegetation, except that dead or diseased trees and undergrowth may be removed to provide lake views and ingress and egress to the site; or
 - (2) A 20-foot wide, three and one-half-foot tall vegetated berm, measured from the top of the respective curb, that extends the length of the North Park Lane and Interstate 64 frontage, with the exception of ingress and egress to the site.

- (f) Parking areas.
 - (1) At least one (1) tree shall be provided for every 300 square feet of required parking lot green area.
 - (2) All required green space islands shall contain at least one (1) tree.

- (g) Screening for outdoor material and equipment storage.
 - (1) Outdoor material and equipment storage shall be screened with a combination of evergreen and deciduous landscaping and walls, berms or fences so that it is not visible from any existing or proposed public right-of-way, and so that it is not predominantly visible from any adjacent property.
 - (2) Loading docks and truck courts shall be screened with evergreen and deciduous landscaping or an evergreen and deciduous landscaped berm so that they are not predominantly visible from any existing or proposed public right of way.

Sec. 3-9. – O-CC – Coliseum Central Overlay (Chapter 9, Article III); Landscape requirements.

Green area required on the sites zoned O-CC must meet the following:

- (a) All green areas shall be irrigated and landscaped with a combination of sod, evergreen and deciduous trees, and evergreen shrubs.

- (b) Minimum tree caliper at installation, measured two (2) feet above grade, should be four (4) inches for shade or street trees, three (3) inches for specimen or character trees, two and one-half (2½) inches for evergreen trees, and two (2) inches for flowering trees.

- (c) Shrubs shall be at least two (2) feet in height at installation.

Sec. 3-10. – Off-premise advertising signs (Chapter 10, Article I); Landscape requirements.

A landscape plan, reviewed and approved as part of a use permit for any permitted structure which is replaced, shall meet the following:

- (a) The landscaping delineated in the plan shall be of a type, size, number and design to frame the structure with trees and to screen or soften the base of the structure, such that the structure is harmonious with its surroundings.
- (b) Nothing in the landscaping requirements shall be construed to prohibit pruning or trimming necessary only to maintain visibility of the sign face from the roadway.

Sec. 3-11. – Commercial communications towers (Chapter 3, Section 3-3(34)); Landscape requirements.

Where permitted, commercial communications towers shall be subject to the following landscaping requirements:

- (a) For towers 200 feet or less in height, at least one (1) row of evergreen shrubs capable of forming a continuous hedge at least five (5) feet in height shall be provided with individual plantings spaced not more than five (5) feet apart and at least one (1) row of evergreen trees with a minimum caliper of one and three-fourths ($1\frac{3}{4}$) inches at the time of planting and spaced not more than 25 feet apart shall be provided within 15 feet of the perimeter of the setback area.
- (b) For towers more than 200 feet in height, in addition to the requirements for landscaping above, one (1) row of deciduous trees, with a minimum caliper of two and one-half ($2\frac{1}{2}$) inches at time of planting and spaced not more than 40 feet apart shall be provided within 25 feet of the perimeter of the setback area required by item (1) above.
- (c) In lieu of the above requirements, in special cases including cases where a required tree would be closer to the tower or to a guy wire supporting the tower than the height of the tree at maturity, the applicant may prepare a detailed plan and specifications for landscape and screening, including plantings, fences, walls, topography, etc., to screen the base of the tower and accessory uses. The plan shall accomplish the same degree of screening achieved in items (1) and (2) above.

Sec. 3-12. – Manufactured/mobile home parks (Chapter 3, Section 3-3(4)); Landscape requirements.

A landscape plan shall be submitted with the application for a use permit as set forth in the city zoning ordinance as delineating:

- (a) Lots. Each lot in a manufactured/mobile home park or subdivision shall contain at least one (1) tree, exhibiting a minimum trunk diameter of one and one-half ($1\frac{1}{2}$)

inches measured six (6) feet above ground level, and a minimum height of eight (8) feet, for every 2,000 square feet of lot area.

- (b) Because certain trees may damage manufactured/mobile homes during severe weather conditions, the following trees are recommended for use in meeting the landscaping requirements above:

- (1) Japanese Maple (*Acer palmatum*);
- (2) Flowering Dogwood (*Cornus florida*);
- (3) River Birch (*Betula nigra*);
- (4) American Hornbeam (*Carpinus caroliniana*);
- (5) Eastern Redbud (*Cercis canadensis*);
- (6) Kousa Dogwood (*Cornus kousa*);
- (7) Smoketree (*Cotinus coggyria*);
- (8) Russian Olive (*Elaeagnus angustifolia*);
- (9) Crape Myrtle (*Lagerstroemia indica*);
- (10) Sourwood (*Oxydendrum arboreum*);
- (11) Whitehouse Pear (*Pyrus calleryana* 'Whitehouse');
- (12) American Holly (*Ilex opaca*);
- (13) Savannah Holly (*Ilex opaca* 'Savannah');
- (14) East Palatka Holly (*Ilex opaca* 'East Palatka');
- (15) Austrian Pine (*Pinus nigra*);
- (16) Gingko Tree (*Gingko biloba*);
- (17) Bald Cypress (*Taxodium distichum*); and
- (18) Japanese Zelkova (*Zelkova serrata* 'Village Green').

Sec. 3-13. – Animal Day Care, Veterinarian Office/Hospital, and Kennel (Chapter 3, Section 3-3(23, 28, 38)); Landscape requirements.

- (a) Required screening for an outdoor run in which the lot abuts any lot zoned R or MD district and the run is within 100 feet of that lot:

- (1) A landscape screen shall be provided surrounding all exterior sides of the run except for any entryways into the run or sides which abut a building. Landscaping materials for the screen cannot be counted toward any green area requirements for the property.
- (2) The landscape screen shall provide an opaque screen of trees, shrubs, or a combination of both such that there are plants capable of forming a continuous hedge at least six (6) feet in height. It shall be provided with individual plantings spaced not more than five (5) feet apart. Plantings shall have a minimum plant height of 24 inches at installation.

ARTICLE IV – REQUIREMENTS APPLICABLE TO SUBDIVISIONS

Sec. 4-1. – Residential Subdivisions.

A landscape plan for a residential subdivision shall include the following:

- (a) Street Trees. Each proposed parcel in a residential subdivision shall have at least one (1) street tree planted within the City right-of-way for every forty (40) linear feet of lot frontage or fraction thereof.
- (b) Open Space Areas. Open space areas as defined in Sec. 2.2 of the City of Hampton Zoning Ordinance shall be landscaped as follows:
 - (1) Existing, healthy trees measuring at least six (6) inches in diameter at four and one-half (4½) feet from the ground shall be saved whenever possible.
 - (2) In required green areas within open space areas, either one (1) existing tree or one (1) new tree exhibiting both a minimum trunk diameter of one and one-half (1½) inches measured six (6) inches above ground level and a minimum height of eight (8) feet shall be required for each four hundred (400) square feet of the required green area.
- (c) Rear & Side Yards Adjacent to Public Streets. Where the side yard or rear yard of a residential lot abuts a public street, the yard (as required by the City of Hampton Zoning Ordinance) shall contain at least one (1) tree for each 400 square feet of green area within the required setback. The remaining green area within the required setback shall be landscaped with a mix of shrubs, grasses, perennials, and groundcovers.
- (d) Landscape plans which deviate from the above standards may also be approved. Such a landscape plan must be submitted to the Director of the Department of Community Development or his designee for review. Approval of any landscape plan which does not meet the above standards shall be at the discretion of the Director of the Department of Community Development or his designee. The purpose of this provision is to not preclude innovative landscape treatments and designs which may create a quality design while not explicitly meeting the standards specified above.

Appendix A Required Contents of a Landscape Plan

Required contents of landscape plan. Proposed landscape treatment shall be indicated on the landscape plan. The landscape plan shall be drawn to scale, shall depict the proposed location of plant materials, and shall include the following information:

- (1) Title block to include:
 - a. Project name.
 - b. Project address.
 - c. City of Hampton site plan number.
 - d. Name, address, signature and registration number and seal of the professional engineer, land surveyor, architect, or landscape architect who prepared the site plan.
 - e. Date and/or date of revisions.
- (2) North arrow.
- (3) Graphic scale.
- (4) Property owner name, address, and phone number.
- (5) Developer name, address, and phone number.
- (6) Limits of disturbance.
- (7) The limits of clearing and methods to be used to protect existing vegetation.
- (8) Location, width and names of all existing/proposed streets and water courses.
- (9) All easements (provide dimensions and type).
- (10) Zoning District boundaries and zoning designations of the site and adjacent properties.
- (11) Setbacks required where a nonresidential district abuts a residential district.
- (12) Location of all existing and proposed utilities, both overhead and underground.
- (13) Location, species, and size of existing trees and shrubs to be removed or preserved. Where plants occur in mass, a depiction of the canopy drip line and a general description of plant types and sizes will be sufficient information. Clearly label these areas as "Tree Preservation Areas."
- (14) Boundary lines of any tidal or non-tidal wetlands and associated buffers.
- (15) Proposed grade alterations.
- (16) Berms and topographical lines at two (2) foot intervals.
- (17) Proposed site layout as depicted on the Site Plan (e.g. footprint of buildings and structures, pavement, fences, light poles, signs, stormwater management facilities, property lines, water features, etc.).
- (18) Location of dumpsters and compaction devices.
- (19) Curbs and retaining walls.
- (20) Calculations for the parcel pursuant to Sec. 1-30 and/or other applicable sections of the City of Hampton Zoning Ordinance including:
 - a. Green area required.
 - b. Green area provided.
 - c. Green area interior to parking lot required.
 - d. Green area interior to parking lot provided.
- (21) Calculations for the parcel pursuant to Sec. 2-1 and/or other applicable sections of the City of Hampton Landscape Guidelines including:
 - a. Tree count required on overall site.

- b. Tree count proposed on overall site.
 - c. Tree count required internal to parking area.
 - d. Tree count proposed internal to parking area.
- (22) Location of proposed plant materials labeling plant species and quantities.
 - (23) Limits of proposed turf areas and bed lines.
 - (24) Areas to receive sod when sod is required.
 - (25) Plant Schedule for proposed plant materials to include botanical and common names, size at installation (i.e. height, spread, and caliper), condition of plant (i.e. containerized or balled & burlapped, tree-form or shrub-form, multi-stem or standard), size of containers if containerized, spacing between plants if not indicated on the plan, code key or legend if codes or symbols are used.
 - (26) Planting details of trees, shrubs, and ground covers acceptable in the nursery and landscape industry.
 - (27) Location and description of non-plant material landscape improvements (e.g. mulch material, decorative stones or boulders, artwork, site furniture, etc.) when proposed.
 - (28) Identify areas to be irrigated when irrigation is required.
 - (29) Detailed plan and section views as necessary to convey design and implementation intent.
 - (30) City of Hampton General Landscape Plan Notes.
 - (31) Additional requirements for development as may be required within Chesapeake Bay Preservation Areas.

Appendix B Prohibited Trees

Prohibited Trees

The following trees are considered problematic, and shall not be planted.

Botanical Name	Common name
<i>Fraxinus sp.</i>	Ash Trees (any species)
<i>Acer negundo</i>	Boxelder
<i>Acer saccharinum</i>	Silver Maple
<i>Populus tremuloides</i>	Quaking Aspen
<i>Ailanthus glandulosa</i>	Tree of Heaven
<i>Ulmus americana</i>	American Elm
<i>Albizia julibrissin</i>	Mimosa
<i>Populus italic</i>	Lombardy Poplar
<i>Salix babylonica</i>	Weeping Willow
<i>Robinia pseudoacacia</i>	Black Locust
<i>Ulmus pumila</i>	Siberian Elm

Appendix C City of Hampton Official Street Tree Planting List

Guide to Reading Street Tree Planting List		
District		
Location	Species Botanical Name	Species Common Name
Street A	<i>Species Botanical Name</i>	Species Common Name
Street B	<i>Species Botanical Name</i>	Species Common Name
Street C	<i>Species Botanical Name</i>	Species Common Name
Street C, Segment 1 (Cross Street 1 – Cross Street 2)		
Location on Street (e.g. Street Edge, Median, Intersection)	<i>Species Botanical Name</i>	Species Common Name
Location on Street (e.g. Street Edge, Median, Intersection)	<i>Species Botanical Name</i>	Species Common Name
Location on Street (e.g. Street Edge, Median, Intersection)	<i>Species Botanical Name</i>	Species Common Name
Street C, Segment 2 (Cross Street 2 – Cross Street 3)		
	<i>Species Botanical Name</i>	Species Common Name
	<i>Species Botanical Name</i>	Species Common Name
Street D	<i>Species Botanical Name</i>	Species Common Name

Buckroe		
Location	Botanical Name	Common Name
Boardwalk Way	<i>Ulmus parvifolia</i>	Lacebark Elm
Coaster Way	<i>Ulmus parvifolia</i>	Lacebark Elm
1 st Street	<i>Quercus acutissima</i>	Sawtooth Oak
Mallory Street	<i>Platanus x acerifolia</i>	London Plane Tree
E. Pembroke		
1 st – Seaboard		
Street Edge	<i>Ulmus parvifolia</i>	Lacebark Elm
Median	<i>Quercus acutissima</i>	Sawtooth Oak
Seaboard – Old Buckroe	<i>Quercus acutissima</i>	Sawtooth Oak
	<i>Ulmus parvifolia</i>	Lacebark Elm
	<i>Acer buergerianum</i>	Trident Maple
2 nd Street	<i>Sophora japonica</i>	Japanese Pagoda Tree

Coliseum Central			
Location		Botanical Name	Common name
Coliseum Drive			
	HRC Parkway – Marcella		
	Street Edge	<i>Platanus x acerifolia</i>	London Plane Tree
	Median	<i>Lagerstroemia</i>	Crape Myrtle
		<i>Prunus x yedoensis</i>	Yoshino Cherry
		<i>Cryptomeria japonica</i>	Japanese Cedar
	HRC Parkway – Mercury		
	Street Edge	<i>Platanus x acerifolia</i>	London Plane Tree
	Median	<i>Lagerstroemia</i>	Crape Myrtle
		<i>Sophora japonica</i>	Japanese Pagoda Tree
	Mercury – Pine Chapel		
	Street Edge	<i>Platanus x acerifolia</i>	London Plane Tree
	Median	<i>Lagerstroemia</i>	Crape Myrtle
	Pine Chapel – Convention Center Drive		
	Street Edge	<i>Zelkova serrata</i>	Japanese Zelkova
Mercury Boulevard			
	N. Armistead – Aberdeen		
	Street Edge	<i>Quercus rubra</i>	Red Oak
	I-64 – Coliseum		
	Street Edge	<i>Quercus rubra</i>	Red Oak
	Median	<i>Prunus x yedoensis</i>	Yoshino Cherry
		<i>Ilex x attenuata 'Fosteri'</i>	Foster Holly
	Coliseum – Armistead		
	Street Edge	<i>Quercus rubra</i>	Red Oak
	Median	<i>Platanus x acerifolia</i>	London Plane Tree
		<i>Quercus virginiana</i>	Live Oak
		<i>Quercus phellos</i>	Willow Oak
		<i>Prunus x yedoensis</i>	Yoshino Cherry
		<i>Ilex x attenuata 'Fosteri'</i>	Foster Holly
Power Plant Parkway			
	Street Edge	<i>Liriodendron tulipifera</i>	Tulip Poplar
	Median	<i>Prunus x yedoensis</i>	Yoshino Cherry
		<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan Cherry

Copeland Industrial Park			
Location		Botanical Name	Common Name
58th Street			
	Primary	<i>Quercus phellos</i>	Willow Oak
	Intersection w/ E Street	<i>Prunus x yedoensis</i>	Yoshino Cherry
Aberdeen Road		<i>Quercus phellos</i>	Willow Oak
Aluminum Avenue		<i>Zelkova serrata</i> 'Green Vase'	Green Vase Zelkova
E Street			
	Primary	<i>Quercus acutissima</i>	Sawtooth Oak
	Intersection w/ Aluminum	<i>Prunus x yedoensis</i>	Yoshino Cherry
	Intersection w/ 58th	<i>Prunus x yedoensis</i>	Yoshino Cherry

Downtown			
Location	Botanical Name	Common name	
Armistead Avenue			
	Street Edge	<i>Quercus acutissima</i>	Sawtooth Oak
	Median	Variety of Tree Species	Variety of Tree Species
Eaton Street			
	Street Edge	<i>Quercus phellos</i>	Willow Oak
		<i>Acer ginnala</i>	Amur Maple
		<i>Ostrya virginiana</i>	Hophornbeam
		<i>Quercus shumardii</i>	Shumard Oak
	Median	<i>Quercus phellos</i>	Willow Oak
Franklin Street		<i>Zelkova serrata</i>	Japanese Zelkova
High Court Lane		<i>Lagerstroemia</i>	Crape Myrtle
		<i>Quercus shumardii</i>	Shumard Oak
		<i>Acer buergerianum</i>	Trident Maple
King Street		<i>Zelkova serrata</i>	Japanese Zelkova
Kings Way		<i>Zelkova serrata</i>	Japanese Zelkova
		<i>Lagerstroemia</i>	Crape Myrtle (limited space)
Lincoln Street			
	King – Eaton		
	Street Edge	<i>Ulmus parvifolia</i>	Lacebark Elm
	Median	Variety of Tree Species	Variety of Tree Species
	King – Armistead	<i>Taxodium distichum</i> 'Shawnee Brave'	Shawnee Brave Bald Cypress
Old Hampton Lane		<i>Quercus phellos</i>	Willow Oak
		<i>Acer buergerianum</i>	Trident Maple (limited space)
Old Town Lane		<i>Quercus shumardii</i>	Shumard Oak
		<i>Acer buergerianum</i>	Trident Maple
Pembroke Avenue			
	Street Edge	<i>Acer rubrum</i>	Red Maple
	Median	<i>Platanus x acerifolia</i>	London Plane Tree
Queens Court		<i>Quercus shumardii</i>	Shumard Oak
		<i>Acer buergerianum</i>	Trident Maple
Queen Street		<i>Ulmus parvifolia</i>	Lacebark Elm
Queens Way			
	Franklin – King	<i>Lagerstroemia</i>	Crape Myrtle
Settlers Landing Road			
	Street Edge	<i>Quercus phellos</i>	Willow Oak
	Median	Variety of Tree Species	Variety of Tree Species
Syms Street		<i>Ulmus parvifolia</i>	Lacebark Elm
Union Street		<i>Ulmus parvifolia</i>	Lacebark Elm
Wine Street			
	Settlers Landing – Lincoln	<i>Acer buergerianum</i>	Trident Maple
		<i>Lagerstroemia</i>	Crape Myrtle
	Lincoln – Pembroke	<i>Zelkova serrata</i>	Japanese Zelkova

Kecoughtan Road Corridor		
Location	Botanical Name	Common Name
Kecoughtan Road		
Claremont – Pear		
South Edge	<i>Ulmus parvifolia</i>	Lacebark Elm
North Edge	<i>Lagerstroemia</i> x 'Muskogee'	Muskogee Crape Myrtle
Median	<i>Sophora japonica</i>	Japanese Pagoda Tree
	<i>Prunus x yedoensis</i>	Yoshino Cherry
LaSalle Avenue		
Street Edge	<i>Platanus x acerifolia</i>	London Plane Tree
	<i>Lagerstroemia</i> x 'Muskogee'	Muskogee Crape Myrtle
Median	<i>Sophora japonica</i>	Japanese Pagoda Tree
	<i>Lagerstroemia</i> x 'Muskogee'	Muskogee Crape Myrtle

N. King Street Corridor		
Location	Botanical Name	Common Name
N. King Street		
Mercury – Langley AFB		
Street Edge	<i>Lagerstroemia</i> x 'Muskogee'	Muskogee Crape Myrtle
	<i>Lagerstroemia</i> x 'Natchez'	Natchez Crape Myrtle
Median	<i>Quercus alba</i>	White Oak

Phoebus		
Location	Botanical Name	Common Name
Mallory Street		
Mercury – County	<i>Zelkova serrata</i> 'Green Vase'	Green Vase Zelkova
County – Lancer	<i>Acer buergerianum</i>	Trident Maple
Mellen Street	<i>Acer buergerianum</i>	Trident Maple

Appendix D Tree Canopy Coverage

Large Canopy Trees—400 Square Feet of Canopy Coverage

The following trees provide 400 square feet of canopy coverage when installed at a minimum caliper of one and one-half (1½) inches measured six (6) inches above ground level and/or a minimum height of eight (8) feet.

Botanical Name	Common name
<i>Acer rubrum</i>	Red Maple
<i>Celtis</i> (all species)	Hackberry
<i>Fagus grandifolia</i>	American Beech
<i>Magnolia grandiflora</i>	Southern Magnolia
<i>Pistacia chinensis</i>	Chinese Pistache
<i>Quercus acutissima</i>	Sawtooth Oak
<i>Quercus bicolor</i>	Swamp White Oak
<i>Quercus borealis</i>	Northern Red Oak
<i>Quercus coccinea</i>	Scarlet Oak
<i>Quercus macrocarpa</i>	Bur Oak
<i>Quercus nigra</i>	Water Oak
<i>Quercus phellos</i>	Willow Oak
<i>Quercus prinus</i>	Chestnut Oak
<i>Quercus robur</i>	English Oak
<i>Quercus virginiana</i>	Live Oak
<i>Tilia americana</i>	American Linden
<i>Tilia tomentosa</i>	Silver Linden
<i>Ulmus americana</i>	American Elm
<i>Ulmus parvifolia</i>	Chinese Elm

Medium Canopy Trees—250 Square Feet of Canopy Coverage

The following trees provide 250 square feet of canopy coverage when installed at a minimum caliper of one and one-half (1½) inches measured six (6) inches above ground level and/or a minimum height of eight (8) feet.

Botanical Name	Common name
<i>Acer buergerianum</i>	Trident Maple
<i>Amelanchier arborea</i>	Serviceberry
<i>Amelanchier x grandiflora</i>	Hybrid Serviceberry
<i>Betula nigra</i>	River Birch
<i>Carpinus caroliniana</i>	American Hornbeam
<i>Cedrus deodara</i>	Deodara Cedar
<i>Cercidiphyllum japonicum</i>	Katsuratree
<i>Cercis canadensis</i>	Eastern Redbud
<i>Cornus kousa</i>	Kousa Dogwood
<i>Crataegus</i>	Hawthorn
<i>Ginkgo biloba</i>	Ginkgo (male variety)
<i>Koelreuteria paniculata</i>	Goldenraintree
<i>Magnolia x soulangiana</i>	Saucer Magnolia
<i>Magnolia virginiana</i>	Sweetbay Magnolia
<i>Metasequoia glyptostroboides</i>	Dawn Redwood
<i>Nyssa sylvatica</i>	Black Gum
<i>Ostrya virginiana</i>	Ironwood
<i>Oxydendrum arboretum</i>	Sourwood
<i>Platanus x acerifolia</i>	London Plane
<i>Prunus sargentii</i>	Sargent Cherry
<i>Prunus serrulata</i>	Cherry
<i>Picea abies</i>	Norway Spruce
<i>Pinus strobus</i>	White Pine
<i>Quercus hemisphaerica 'Darlington'</i>	Darlington Oak
<i>Quercus velutina</i>	Black Oak
<i>Sophora japonica</i>	Japanese Pagoda Tree
<i>Taxodium distichum</i>	Bald Cypress
<i>Tilia cordata</i>	Littleleaf Linden
<i>Tsuga canadensis</i>	Canadian Hemlock
<i>Tsuga caroliniana</i>	Carolina Hemlock
<i>Zelkova serrata</i>	Zelkova

Small Canopy Trees—100 Square Feet of Canopy Coverage

The following trees provide 100 square feet of canopy coverage when installed at a minimum caliper of one and one-half (1½) inches measured six (6) inches above ground level and/or a minimum height of eight (8) feet.

Botanical Name	Common name
<i>Acer ginnala</i>	Amur Maple
<i>Acer griseum</i>	Paperbark Maple
<i>Acer palmatum</i>	Japanese Maple
<i>Betula nigra (dwarf cultivars)</i>	River Birch (dwarf)
<i>Carpinus betulus</i>	European Hornbeam
<i>Chionanthus virginicus</i>	White Fringe Tree
<i>Cornus mas</i>	Cornelian Cherry
<i>Cotinus obovatus</i>	American Smoketree
<i>Cryptomeria japonica</i>	Japanese Cryptomeria
<i>Cupressocyparis leylandii</i>	Leyland Cypress
<i>Franklinia alatamaha</i>	Franklinia
<i>Halesia Carolina</i>	Silverbell
<i>Ilex x attenuate</i>	Foster Holly
<i>Ilex x Nellie R. Stevens</i>	Nellie Stevens Holly
<i>Ilex opaca</i>	American Holly
<i>Juniperus virginiana</i>	Eastern Red Cedar
<i>Lagetroemia</i>	Crape Myrtle
<i>Magnolia stellata</i>	Star Magnolia
<i>Malus Sp.</i>	Crabapple
<i>Prunus x yedoensis</i>	Yoshino Cherry
<i>Quercus acuta</i>	Japanese Evergreen Oak
<i>Syringia reticulate</i>	Tree Lilac
<i>Styrax japonica</i>	Japanese Snowbell