

Summary of Comments on Ch. 153.060 - Buffering and Landscaping Ordinance (REV.230928) - CLEAN.pdf

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Author: jkanipe Subject: Highlight Date: 10/2/2023 11:10:34 AM
Original purpose of this ordinance was for non-residential (i.e. commercial) uses and to protect dissimilar land uses by requiring buffering and landscaping.

BUFFERS, SCREENING, AND LANDSCAPING REQUIREMENTS

§ 153.060 PURPOSE AND INTENT.

- (A) The town has an abundant and diverse tree and vegetative cover that is essential to the aesthetic value of the town and provides numerous ecological and economic benefits.
- (B) Landscape requirements for new construction and substantial additions are set forth below, in order to:
 - (1) Encourage the preservation of existing trees and vegetation on undeveloped residential lots and ensure the reforestation of the lot when tree removal is required for any construction activities.
 - (2) Ensure landscape plans presented to the Town include considerations for native species, reforestation, environmental protection, and effective stormwater management.
- (C) The landscape and buffering standards set forth below require buffers and landscaping between dissimilar land uses, along public rights-of-way, and within parking lots, in order to:
 - (1) Encourage the preservation of existing trees and vegetation and replenish removed vegetation;
 - (2) Protect and improve the visual quality of the town and minimize the negative impacts of development such as noise, dust, litter, glare of lights, traffic, heat, overcrowding, odor, and views of unsightly parking lots, utilities, and mechanical systems and buildings;
 - (3) Provide environmental benefits such as climate modification, decreased energy consumption, reduced stormwater runoff, decreased erosion, improved water and air quality, and protection of wildlife habitat;
 - (4) Provide a transition between dissimilar land uses to protect abutting properties from potential negative impacts of neighboring development and to preserve the character and value of property and to provide a sense of privacy; and
 - (5) Improve standards for quantity, location, size, spacing, protection, and maintenance of plants and other screening materials to assure a high level of quality in the appearance of the town while allowing flexibility to promote well-designed and creative landscape plantings.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.061 GENERAL INFORMATION.

- (A) Applicability.
 - (1) Buffer strip plantings, street trees, and parking lot trees and shrubs are required for developments within the town limits.
 - (2) The following developments are required to be in full compliance with this section:

(a) New residential development, including additions, exceeding more than 500 square feet of roof coverage, and all nonresidential development, including special uses; and

(3) New parking spaces or lots shall comply with the provisions of § 153.064.

(B) Landscape and grading plan required. Applicants are advised to meet with Town staff in order to review all ordinance requirements and procedures and receive a copy of the plan checklists. As required in § 153.034, a landscape and grading plan meeting Town requirements shall be reviewed and approved prior to any grading.

(C) Tree Replacement Requirements.

The following tree replacement requirements are in place for all developments as defined in (A)(2).

Table 1 - New Construction Tree Replacement Requirements

SIZE OF TREE REMOVED (DBH)	INSIDE SETBACK AREA				OUTSIDE SETBACK AREA			
	PROTECTED		UN-PROTECTED		PROTECTED		UN-PROTECTED	
	Qty	Size	Qty	Size	Qty	Size	Qty	Size
6"-12"	1	2"	1	2"	1	2"	x	x
13"-18"	2	2"	1	2"	2	2"	1	2"
19"-36"	2*	3"	2	2"	2	3"	2	2"
36"+ ^T	2**	4"	2*	3"	2	4"	2	3"

* must include a minimum of 3 screening/buffering trees as defined in RPL.
 ** must include a minimum of 5 screening/buffering trees as defined in RPL.
^T If removed trees include identified trees of preference (TOP) species, replanting requirements will follow 36"+ DBH requirements

(C) Alternative compliance.

(1) The landscape requirements are intended to set minimum standards for quality development and environmental protection and are not intended to be arbitrary or inhibit creative solutions. Site conditions or other reasons may justify the need to request an alternate method of compliance with the landscape requirements. The Board of Adjustment, in consultation with the Design Review Board, may alter the requirements of this section as long as the existing or added landscape features of the development site comply with the intent of this chapter.

(2) Requests for alternative compliance shall be accepted if one or more of the following conditions are met:

- Author: jkanipe Subject: Highlight Date: 10/2/2023 11:06:55 AM
New language, requiring landscaping plans and tree removal/replacement plans for any new construction exceeding 500 square feet in roof coverage and all non-residential development.
- Author: jkanipe Subject: Highlight Date: 10/2/2023 11:08:03 AM
New table for tree replacement for anything that is defined in section (A)(2) above - i.e. tree replacement for new construction.
- Author: jkanipe Subject: Highlight Date: 10/2/2023 11:09:08 AM
Section (C) includes existing language from current ordinance.

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(a) Topography, geologic features, drainage channels or streams, existing natural vegetation, overhead or underground utilities, or other conditions make it unreasonable or meaningless to plant a buffer or meet other landscape requirements;

(b) Space limitations, unusually shaped lots, unique relationships to other properties, and/or prevailing practices in the surrounding neighborhood (such as use of a specific type of vegetation) may justify alternative compliance when changing the use type of an existing building in an established mature neighborhood; or

(c) An alternative compliance proposal is equal or better than normal compliance in its ability to fulfill the intent of the ordinance, and exhibits superior design quality.

(4) The property owner must submit a plan of the area for which alternative compliance is requested to the Town Manager 14 days prior to the meeting of the Design Review Board at which the request will be considered. The site plan shall show existing site features and any additional material the property owner will plant or construct to meet the intent of the buffer, street tree, and parking lot tree requirements.

(5) In addition, the applicant must submit a written statement explaining and justifying the need for alternative compliance. Upon recommendation from the Design Review Board following their review, alternative compliance plan shall then be considered by the Board of Adjustment. Alternative compliance shall be limited to the specific project being reviewed and shall not establish a precedent for acceptance in other cases.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.062 EXISTING VEGETATION IN R-4 OR R-5 ZONES.

(A) Preserving trees can improve the aesthetic quality of the site and improve property values, provide environmental benefits, and mitigate the impacts of development on the community. It is recommended that groups of trees be preserved, as well as individual trees. Existing trees and shrubs designated for preservation may be credited towards required buffer trees, street trees, and parking lot trees at the discretion of the Ordinance Administrator as described below.

(B) As required in § 153.052, no person shall remove or in any way damage any protected trees without first filing an application for the removal and receiving approval from the Town. This requirement is applicable to both residential and non-residential uses within the town.

(C) Special attention shall be given to protected trees located within 20 feet of the rear or side property line of property meeting the definition of an incompatible land use.

(1) Credits and other incentives to preserve vegetation within non-residential land use.

(a) Vegetation located in the buffer strip. One existing evergreen shrub over four feet high located in the buffer strip may be credited for two new shrubs, also on a case-by-case basis by the Board of Adjustment.

(b) Vegetation located elsewhere on the property.

1. Trees designated for preservation may be credited at the rate of the following.

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- 2-inch to 6-inch caliper tree = 1 tree
- 7-inch to 12-inch caliper tree = 2 trees
- 13-inch to 18-inch caliper tree = 3 trees
- 19-inch to 24-inch caliper tree = 4 trees
- 25-inch and greater = 5 trees

2. One existing shrub over four feet high may be credited for two new shrubs. In order to receive credit, vegetation designated for preservation shall be in good health and condition. Trees and shrubs designated to be preserved shall be indicated on the landscape and grading plan, as well as all protective barriers. If a tree or shrub designated for preservation dies within five years of the project's completion, it must be replaced with the total number of trees or shrubs which were credited to the existing tree or shrub within six (6) months from removal of the dead trees or shrubs.

(2) Protection of existing trees and shrubs during construction.

(a) 1. No grading or other land-disturbing activity shall occur on a site with existing trees or shrubs which are designated to be preserved in order to meet the landscaping requirements until the landscape and grading plan has been approved by the Board of Adjustment and protective barriers are installed by the developer and approved by the Zoning Administrator. Trees designated for preservation which are counted toward the landscape and buffering requirements shall be protected by barriers, while trees designated for preservation which do not count toward the landscape and buffering requirements are encouraged to be protected by barriers. The diameter of the trees designated for preservation and the location of protective barriers shall be shown on the landscape and grading and site plans with the dimensions between the tree trunk and barrier indicated.

2. Protective barriers shall be placed around the root protection zone of trees designated for preservation that are within 50 feet of any grading or construction activity. Protected ground areas for shrubs shall consist of an area twice the diameter of the shrub. All protective barriers shall be maintained throughout the building construction process.

(b) 1. All contractors shall be made aware of the areas designated for protection.

2. No disturbance shall occur within the protective barriers, including:

- a. Grading;
- b. Filling, unless an aeration system which is certified by a registered landscape architect, certified arborist, or state cooperative extension specialist is installed to protect the tree from suffocation;
- c. Temporary or permanent parking;
- d. Storage of debris or materials, including topsoil;
- e. Disposal of hazardous wastes or concrete washout; and
- f. Attaching of nails, ropes, cables, signs, or fencing to any tree designated for preservation.

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3. If any area within the root protection zone will be disturbed for any reason, a registered landscape architect, certified arborist, or state cooperative extension specialist shall recommend measures to minimize any potential impact and certify that the activity will not damage the tree under normal circumstances.

4. The developer shall coordinate with the utility companies early in the design process to resolve potential conflicts about the placement of utilities and buffer and screening requirements in § 153.063(B)(5). The Zoning Administrator shall approve the placement of the utilities either outside of the root protection zone or tunneled at least two feet directly below the tree roots to minimize root damage.

5. If silt fencing is required to control sedimentation, the fencing must be placed along the uphill edge of a tree protection zone in order to prevent sediment from accumulating in the drip line area.

(c) Tree protection zone signs shall be installed on the tree protection barriers visible on all sides of the protection area (minimum one on each side and/or every 300 linear feet). The size of each sign shall be a minimum of two feet by two feet and shall contain the following language: "TREE PROTECTION ZONE, KEEP OUT" or "TREE SAVE AREA, KEEP OUT".

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.063 BUFFER STRIP AND SCREEN REQUIREMENTS.

(A) Certain land uses are defined in this chapter as being an incompatible land use when developed adjacent to other less intensive land uses. A buffer strip can serve to lessen adverse impacts when development occurs.

(B) The installation of the applicable buffer strip shall be the responsibility of the owner of the developing land use. Buffer strips shall be located on the property of the developing land use between the property line and any vehicular use areas, buildings, storage, service areas, or other area of activity. The buffer strip shall extend along the entire rear and/or side property line which abuts an incompatible land use, up to any required street tree planting strip.

(1) Use of buffer strips. Required buffers shall not be disturbed for any reason except for approved driveway openings and other passive or accessory uses compatible with the general separation of land uses and; provided, that the total number of required plantings are still met. Approval from the Town Manager is required prior to initiating any disturbance of the buffer.

(2) Placement of buffer plantings. The exact placement of the required plants shall be the decision of the developer or designer, but shall be reviewed by the Town Manager and approved by the Board of Adjustment. Plants shall be placed in a manner to serve as an effective screen year-round when viewed from any area accessible to the public or from adjacent properties. Trees or shrubs should be planted at least five feet away from the property line to ensure maintenance access and to avoid encroaching upon neighboring property.

(3) Composition of buffer plantings. A buffer consisting of two staggered rows of evergreen shrubs or sheared evergreen trees, planted 48 inches apart (as measured from the central stem) in a 20-foot wide strip shall be installed to screen the nonresidential use from neighboring residential

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properties. The trees or shrubs shall be between four and five feet high at time of planting. During times of extended dry weather, the applicant may petition the Board of Adjustment to reduce the required size of vegetation to be planted in order to better ensure its survival. It is suggested that a mixture of two to three shrubs selected from the recommended species list be planted to encourage healthier plants.

(4) Coordination with stormwater drainage provisions. If the buffer strip is to be used as part of the area for required stormwater runoff absorption as outlined in Ch. 52, then the shrubs and trees within the buffer shall be water tolerant.

(5) Coordination with utility easements. In circumstances when the property to be developed is adjacent to a utility easement, the buffer requirement of division (C) above maybe altered to be only ten feet wide at the discretion of the Board of Adjustment, based on the factors of space, feasibility, and other considerations which may make it difficult to provide a 20-foot buffer.

(6) Additional buffering. The Board of Adjustment has the authority to require that a wall or fence be constructed next to property used for residential purposes when the Board determines that the buffer strip alone does not provide adequate buffering. The fence or wall shall be constructed in a durable fashion of wood, stone, masonry materials, or other materials if deemed appropriate and shall be built of material compatible with the principal building. When concrete block is utilized, it shall be finished with stucco on both sides. The materials and design shall be approved by the Board of Adjustment on a case-by-case basis. The finished side of the fence or wall shall face the abutting property. A chain link fence may not be used to satisfy the requirements of this section. Shrubs shall be planted on the applicant’s side of the property at the rate of 25 per 100 linear feet; their placing and arrangement shall be the decision of the applicant.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.064 PARKING LOT LANDSCAPING REQUIREMENTS.

Trees and shrubs are required in and around parking lots with more than five spaces to provide attractive views from roads and adjacent properties, provide shade to reduce the heat generated by impervious surfaces, help absorb runoff, reduce glare from parking lots, and to help filter exhaust from vehicles.

(A) There shall be a continuously-maintained growing strip planted with grass or similar low-growing vegetation, measured from the back of the curb and extending ten feet perpendicular to the road. The purpose of this growing strip is to provide a clear line of sight for motorists, pedestrians, and cyclists entering and leaving commercial properties.

(B) (1) Where parking areas with more than five spaces adjoin a public right-of-way, a landscaped planting strip ten feet wide shall be established and continuously maintained between the growing strip and parking area(s).

(2) Street trees shall be planted within the landscaped planting strip in accordance with § 153.066 and parking areas within 50 feet of the right-of-way shall have a visually modifying screen or barrier that meets one of these standards:

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(a) Evergreen shrubs shall be planted 36 inches apart as measured from the center and attain a height of at least 48 inches within four years of installation;

(b) There shall be a fence or wall three feet high constructed of the same material as the principal building; or

(c) There is an earthen berm at least two feet high, with a minimum crown width of two feet and a width to height ratio of no greater than 2:1; shrubs shall be planted on top of the berm that will attain a height of at least 36 inches within four years of installation and shall be planted 36 inches apart.

(3) No screen is required at parking lot entrances or exits, and no screen shall obstruct vision within 50 feet of an entrance, exit, or intersection. The landscaped planting strip shall be covered with living material, including groundcover and/or shrubs, except for mulched areas directly around the trees, so that no soil is exposed.

(C) (1) (a) Parking areas with more than five spaces shall have at least one large-maturing deciduous tree for every three parking spaces, with some appropriate clustering of trees permitted, and six-foot by 18-foot projecting landscaped islands generally between ten and 12 parking spaces.

(b) Whenever possible, interior parking spaces should have a continuous planter strip six feet wide between rows of parking.

(2) Where appropriate, provisions shall be made to ensure that adequate pedestrian paths are provided throughout the landscaped areas. In all cases, at least one large maturing deciduous tree shall be provided for a parking lot regardless of the number of spaces provided. No parking space shall be located more than 50 feet from the trunk of a large-maturing deciduous tree. When calculating the number of trees required, the applicant shall round up to the nearest whole number.

(D) All landscaped areas shall be bordered by a concrete curb that is at least six inches above the pavement and six inches wide or a granite curb that is at least six inches above the pavement and four inches wide.

(E) To increase the parking lot landscaped area, a maximum of two feet of the parking stall depth may be landscaped with low-growth, hearty materials in lieu of asphalt, allowing a bumper overhang while maintaining the required parking dimensions.

(F) When more than the required number of parking spaces is provided, the applicant shall provide two times the required number of trees for the spaces provided above the ordinance requirement.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.065 SCREENING OF DUMPSTERS, LOADING DOCKS, OUTDOOR STORAGE AREAS, AND UTILITY STRUCTURES.

(A) All dumpsters, loading docks, outdoor storage areas, or utility structures visible from a public street or adjacent property line shall be screened unless already screened by an intervening building or buffer strip. Landscaping shall not interfere with the access and operation of any such structure or facility. Trash and storage areas shall be well-maintained, including prompt repair and replacement of damaged gates, fences, and plants.

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(B) Openings of trash enclosures shall be oriented away from public view or screened with sturdy gates wide enough to allow easy access for trash collection, where practical. The consolidation of trash areas between businesses and the use of modern disposal techniques is encouraged. All dumpsters shall be located a minimum of 50 feet from a residential dwelling. All unenclosed outdoor storage areas greater than 25 square feet shall also be screened from adjacent properties and streets.

(C) Screen types include:

(1) A continuous hedge of evergreen shrubs planted in a five-foot strip spaced a maximum of 36 inches apart; and

(2) A wall or fence six feet high, with the finished side of the fence or wall facing the abutting property or street. Fences longer than 25 linear feet shall be landscaped with trees and/or shrubs planted in a minimum five-foot planting area, except around access areas, spaced no farther than eight feet apart in order to screen at least 50% of the fence or wall.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.066 STREET TREES.

(A) (1) Street trees are required for all developments meeting the applicability requirements of § 153.061(A). Street trees shall be required at the rate of one large-maturing tree (over 35 feet in height) for every 40 linear feet of property abutting a street.

(2) In the event that overhead utility lines are present, then one small-maturing tree (less than 35 feet in height) may be planted for every 30 feet of property abutting a street.

(3) This does not imply that trees must be spaced exactly 30 or 40 feet apart.

(4) The exact placement of the required tree or trees may be established with input from the reviewing boards in order to fit in with sign placement and other building issues.

(B) Trees shall be planted within a landscaped planting strip adjacent to the growing strip as outlined in § 153.064(A) and also according to regulations from the State Department of Transportation.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.067 CERTIFICATION OF COMPLETION.

(A) Landscaping shall be installed and inspected prior to receiving a certificate of completion. Vegetation shall be planted to ensure the best chance of survival and to reduce the potential expense of replacing damaged plant materials. If the season or weather conditions prohibit planting the materials, the developer may provide an irrevocable letter of credit, or other financial surety in an amount equal to 110% of the cost of installing the required landscaping to guarantee the completion of the required planting.

(B) Upon approval of the financial surety, the certificate of completion shall be issued. The financial surety shall be canceled and/or returned upon completion.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.068 MAINTENANCE.

(A) The owner or lessee of the property where landscaping is required shall be responsible for the maintenance and protection of all plant and screening material. Landscaped areas shall be maintained in good condition and kept free of debris. Failure to maintain or replace dead, damaged, or diseased material or to repair a broken fence or wall shall constitute a zoning violation and shall be subject to the penalty provisions in § 153.999 if not replaced within 30 days of notification.

(B) If an act of God or other catastrophic event occurs which destroys a large quantity of vegetation, the owner or lessee shall have 120 days to replant. Replaced plant material shall be in compliance with the minimum size, spacing, and quantity standards of the ordinance requirements in effect at the time of project approval.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.069 RESIDENTIAL SCREENING OF UTILITY STRUCTURES.

It is required that all new utility structures, whether they are part of a new dwelling or are being added to an existing dwelling, located out of doors, including but not limited to, heat pumps, air conditioning units (with the exception of window units), and generators shall be screened on all sides except the side closest to the dwelling. The screening shall consist of evergreen shrubs planted a maximum of 36 inches apart, with a height of 18 to 24 inches at time of planting. The shrubs may be planted three feet away from the utility structures so they do not interfere with proper functioning.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)

§ 153.070 PLANT SPECIFICATIONS.

(A) Recommended plant species. Plants may be chosen from the recommended plant list (RPL) available from the Town. The list encourages the use of plant materials which are indigenous to this region and are readily available from local nurseries. Plant materials which are not on the list may be used following approval from the Board of Adjustment.

(B) Minimum plant size requirements.

(1) Large-maturing deciduous tree. Greater than 35 feet at maturity. Minimum size at planting shall be 12 to 14 feet in height and two inches caliper (diameter);

(2) Small-maturing deciduous tree. Smaller than 35 feet at maturity. The tree shall be at least one and one-half inch caliper and eight to ten feet high at time of planting;

(3) Evergreen tree. Minimum height of eight (8) feet at time of planting; and

(4) Evergreen shrub. Minimum three gallon container or ten-inch root ball with a height of 18 to 24 inches at time of planting.

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(C) Plant standards.

(1) All plants shall meet the requirements of the most recent edition of the American Standards for Nursery Stock, ANSI 260.1.

(2) Plants shall be healthy, well-branched, and free of disease and insect infestation.

(Ord. passed 10-19-1983; Ord. passed 6-8-2021)