

Article VII: Screening and Buffering

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Section 7.0 Purpose and Intent

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The purpose of the following requirements is to enhance the health, safety, and welfare of McClellanville citizens by: protecting the integrity of existing properties from changes wrought by more intense development; ameliorating negative impacts of land uses on adjacent properties such as excessive noise, glare, and visual intrusion; [reducing the impacts of stormwater runoff and non-point source pollution on the Town's natural waterways](#); and enhancing the natural drainage of storm water through provision of additional pervious natural buffer areas.

It is the intent of the Town, through these requirements, to promote quality development by enabling flexibility in site design, as well as to encourage the provision of imaginative and attractive vegetative screening that softens the transition between incompatible land uses. The provisions of this section are further intended to complement the requirements of [Article VI \(Tree Preservation\)](#) of this Ordinance

Section 7.1 Applicability

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§7.1.1 Screening and Buffers

Screening and buffers shall be provided wherever the following are established within the Town of McClellanville:

- (a) VC, HC or MC uses abutting, adjacent to, or separated by a right-of-way of sixty (60) or fewer feet in width from an existing property zoned for residential purposes ;
- (b) Utility substations, not including electrical transmission and distribution lines and their right-of-ways;
- (c) Dumpsters; ~~and~~
- ~~(d)~~ [Loading and outdoor storage areas; and](#)
- ~~(d)(e)~~ [Subdivision of land, new construction, or improvements to existing structures valued at 50% or more of the assessed value](#) on any parcel abutting the SCDES-Bureau of Coastal Management (BCM) delineated critical area.

§7.1.2 Accessory Uses

The Zoning Administrator or designee may require the provision of buffer areas and screening, including the installation of fences, for proposed accessory uses where deemed necessary to protect an abutting or adjacent principal or accessory use, upon a finding that the proposed accessory use is incompatible due to the potential for noise, glare, odor or visual impact to the existing and abutting principal or accessory use.

Section 7.2 Buffer/Screening Requirements

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Where buffers or screening are required, either pursuant to the terms of this ordinance, or by virtue of such a finding by the Zoning Administrator, the developer shall provide such in accord with the following requirements:

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§7.2.1 Requirements by [Use Types](#)

Proposed Land Use Abutting property zoned for Residential uses						
	VC Use	HC Use (except within the HCD)	MC Use	Utility Substations	Dumpsters, outdoor storage and loading areas	Accessory Uses
Minimum Buffer Width	10 feet	20 feet	30 feet	25 feet	15 feet	5 feet
Minimum Screening	Densely planted or natural vegetative materials that, with or without walls or fences, mitigate visual and external impacts of the nonresidential use		Densely planted or natural materials, fences or walls, or a combination thereof, to create an opaque screen.			
Other Screening			Fences constructed of brick, iron, wood, or combinations thereof, no greater than eight (8) feet in height shall be provided parallel to such facilities			

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§7.2.2 Buffer Standards

- (a) Buffers shall be measured from the property line, inward.
- (b) Small and large trees shall be planted no more than ten (10) feet and twenty (20) feet, respectively, from the buffer yard perimeter.
- (c) Driveways may traverse required buffers, but no parking or other structures shall be sited in the buffer area.
- (d) A buffer width may be reduced five (5) feet with the installation of a substantially opaque wall or fence, at least six (6) feet in height.

§7.2.3 Critical Area Buffer Standards

- (a) No impervious surfaces shall be permitted within 50 feet of a critical area delineated by SCDES-BCM when the subdivision of land or new construction are proposed.
 - (1) The critical line shall be delineated and certified as correct by SCDES-BCM and shown along with the required 50-foot impervious setback on all [site development plans or](#) final plats prior to approval for recordation.
 - (2) The first 35 feet of the impervious surface setback as measured from the waterside boundary of the critical area shall be delineated on all final plats to be retained or planted as a vegetative buffer.
- (b) A vegetated buffer shall be maintained and/or established within 35-feet of a critical area delineated by SCDES-BCM when any land disturbance and/or new construction are proposed on any existing lot.
 - (1) For the purposes of this requirement, a vegetated buffer includes all existing vegetation, and plantings of indigenous trees and shrubs.
 - (2) Existing vegetation shall not be removed, with the exception of invasive species, subject to approval of a land disturbance permit.
 - (3) New vegetation of trees and shrubs shall [be](#) planted as needed such that the buffer area includes a minimum of one (1) canopy tree per [500-2000](#) square feet of buffer area.
 - ~~(3)~~(4) [No less than 75% of any new plantings shall be of a native species as listed in Table 1 of Article VI of this ordinance.](#)
 - ~~(4)~~(5) Plantings of any trees and shrubs shall conform to §7.6 and shall not include turf grasses, including synthetic turf.
- (c) The Critical Area impervious setback and buffer shall be established as follows:
 - (1) The vegetative buffer shall be established concurrent with the impervious surface setback.
 - (2) The setback and buffer boundaries shall be measured at right-angles to all points along the delineated critical line and, in the cases of overlapping lines at angles, the greatest distance shall be applied.
 - (3) The following uses are permitted within the required critical area setback:
 - a. Erosion control structures provided that the required setback and buffer width are maintained or reestablished landward of the installed erosion control structures during and post construction.

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- b. Fencing and walls that allow for the passage of water without damming or obstructing the flow. Retaining walls, bulkheads, stockade fencing or solid walls are prohibited. Fences and walls are limited to a maximum of four (4) feet in height.
 - c. A pervious pedestrian access foot trail, not exceeding 5-feet in width if parallel to the critical line connecting multiple lots within a subdivision development. Such trails must be either at-grade or an elevated boardwalk to avoid channelization.
 - d. A pervious pedestrian accessway crossing and leading to water-dependent uses such as docks, piers, bridges, and boat landings not exceeding 6-feet in width. Such accessways must be either at-grade or an elevated boardwalk to avoid channelization.
- (4) Vision corridors may be established as a cut through and perpendicular to the required critical line buffer in accordance with the following provisions:
- a. A land disturbance permit delineating the location, width and alignment of a vision corridor is required.
 - b. Corridors shall be established to coincide with the location of existing or planned pervious pedestrian accessways, boat docks, boat landings, and utility line penetrations within the buffer.
 - ~~b.c.~~ The vision corridor shall not exceed more than ~~25-percent (25%)~~ one-third (33%) of the square footage of the total critical line buffer area on an individual lot, but no greater than 2,000 square feet total.
 - ~~c.a.~~ Corridors shall be established to coincide with the location of existing or planned pervious pedestrian accessways, boat docks, boat landings, and utility line penetrations within the buffer.
 - d. Within the vision corridor, protected trees per Article VI of this ordinance shall not be removed. To accommodate views, protected trees may be selectively trimmed and landscaped to provide a view between 2 feet and 10 feet measured from the adjacent grade.
 - ~~d.e.~~ Smaller trees may be pruned or cut with hand tools, but the stump must remain in place. Grasses, shrubs, and other vegetation may be appropriately pruned and trimmed to a minimum height of 42-feet but not removed. The intent of this provision is to ensure that the root mass remains intact to allow filtration of runoff waters.
 - ~~e.f.~~ Heavy equipment or herbicides shall not be utilized to establish or maintain the vision corridor.
 - ~~f.g.~~ Subsequent alterations to a vision corridor may be permitted provided the overall buffer requirements of §7.2.3(b)(2) are met subject to approval of an updated land disturbance permit.

- ## Section 7.3 Modifications

It is not the intent of this section to create buffer areas where these requirements are shown to be inappropriate or excessive with reference to the overall depth of an existing parcel or where there exists an opaque and continuous buffer of natural vegetation proposed for retention, where fencing is provided no less than four (4) feet in height, or where the property is adjacent to undevelopable land area, other than critical area, a minimum of 300' in depth, the Zoning Administrator may allow reduction of the average buffer depth by as much as thirty percent (30%), provided such reduction does not result in the proposed development providing a buffer

which is substantially less in depth than that of adjacent or facing developments.

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- (f) Schedule of screening proposed to be planted, including location, species caliper, and height quantities of trees, shrubs and other landscape materials;
- (g) Location, height, design and construction details for fences or walls;
- (h) Tree protection plan, where applicable;
- (i) Tree and landscape planting details;
- (j) Location and width of existing or required drainage easements, along with points of access for maintenance, as approved by the applicable agency responsible for such easements;
- (k) Approval letters or encroachment permits from the easement holder, where buffer areas or landscape elements are to be located in drainage or utility or other easements.

Section 7.6 Performance Standards

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The following standards apply to the selection, installation and maintenance of all screening and buffer materials required by the provisions of this Article:

§7.6.1 Plant Selection

- (a) Vegetative materials used in conformance with the provisions of this ordinance shall be guaranteed to be of healthy, specimen quality and conform to the *American Standard for Nursery Stock*, (American Standards Institute, Inc. 230 Southern Building, Washington DC 20005) at the time of planting and for one (1) year thereafter.
- (b) All trees, shrubs and groundcovers to be planted shall be hardy to botanical zone eight 'b' (8b). Species chosen shall be suitable to the soil, sun exposure, and hydrological conditions of their proposed locations.
- (c) Trees, shrubs and other plant materials used shall be indigenous to the Coastal Plain of South Carolina as listed on [Attachment A](#) of this ordinance to enhance resistance to drought, disease, and pests; to support wildlife; and help achieve aesthetic continuity between the natural environment and planted areas. No less than 75% of all trees and shrubs, and all ornamental grasses, used for landscaping of a site shall be species listed in *Appendix A: Native Plants of the South Carolina Coastal Plain*.
- (d) Nonnative invasive plant materials shall not be used.
- (e) Trees shall have a caliper of at least one (1) inch and shall be a minimum of six (6) feet in height at the time of planting.
- (f) Shrubs shall be at least three (3) gallon size and at least twenty-four (24) inches tall at the time of planting.

§7.6.2 Installation

The installation of all landscaping shall be done following the procedures established by the American Association of Nurserymen.

- (a) Trees.
 - (1) All newly planted trees shall be installed in a permeable area no less than three

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§7.7.1 Responsibility

Maintenance and replacement of damaged, destroyed, or dead plant materials serving to fulfill the requirements of this Article shall be the responsibility of the property owner.

§7.7.2 Replacement

Required screening and buffer areas shall be routinely maintained free of debris and litter and in good condition, with regular mowing of grass, weeding, and pruning of trees and shrubs to present a neat, healthy and orderly appearance,

§7.7.3 Regular Maintenance

Dead, diseased, or stolen plants or those irreversibly damaged shall be replaced within thirty (30) days with the species indicated on the approved screening and buffering plan. If expiration of such plants is created by unsuitable conditions for such species, those administering maintenance shall replace such plants with vegetation more suited to the location, provided such maintains the integrity of the original landscape plan and the intent of this Article.

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