

Sec. 142-106. - Screening and buffering of certain residential lots adjacent to streets.

(a) *Intent and purpose.* The intent of this section is to provide screening and buffering guidelines in residential subdivisions adjacent to public thoroughfares. The intent is to create an aesthetically pleasing corridor which encourages harmony and discourages monotony, while insuring safety and security and reducing noise and glare in neighborhoods. It is also the intent to encourage screening and buffering at a reasonable (moderate) cost with low to moderate maintenance requirements and to encourage sound planting principals including the use of indigenous plant material with reduced watering requirements. A variety of plant materials shall be provided in order to discourage monotony, subject to review and approval by the landscape administrator.

(b) *Application.* Buffering shall be provided in the form of a common area wherever a residential lot would otherwise back or side to a street. ~~The common area buffer must meet the requirements as follows; and shall be the minimum width indicated in table 1. Within that common area, screening as indicated in table 2 shall be provided.~~

Table 1

| | | Width of Required Common Area (Buffer) | |
|-----------------------------------|-------|--|----------------------|
| | | Lots Backing a Street | Lots Siding a Street |
| Ultimate Width of Adjacent Street | ≤ 50' | 10' | 0' |
| | ≤ 60' | 20' | 0' |
| | ≤ 80' | 20' | 20' |
| | > 80' | 20' | 20' |

Table 2

| ▲ Mandatory requirement ○ Additional requirement option (minimum one selection + mandatory requirement per alternative) * If applicable | Minimum one 3" caliper canopy tree per 50 linear feet of frontage | Minimum two 1" caliper ornamental tree per 50 linear feet of frontage | Minimum 25% of length of screening to have bed of shrubs & groundcover | Minimum 50% of length of screening to have bed of shrubs & groundcover | Minimum 50% of length to have 3' height earth berm | Fence offset (See note #1) |
|---|---|---|--|--|--|----------------------------|
| a. Continuous 6' height masonry wall (See note #2) | ▲ | | ▲ | | | * |
| b. Continuous 6' height wrought iron or tubular steel fence with masonry columns @ 20' o.c. (see note #4) | ▲ | ▲ | ▲ | ○ | ○ | * |

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|---|---|---|---|---|--|--|
| e. Continuous 6' height evergreen shrubs (See note #4) | ▲ | | | | | |
| d. Maximum 3' height earth berming with additional 3' height evergreen shrubs (See note #3) | ▲ | | | | | |
| e. Maximum 6' height earth berming (See note #3) | ▲ | ⊕ | ▲ | ⊕ | | |

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Notes:

(1) If 1000 feet or greater distance between openings — provide minimum one foot to three feet offset at a minimum of 100 feet — maximum 300 foot length.

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(2) The color and style of masonry shall be consistent with the surrounding vicinity.

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(3) Maximum 4:1 slope on berms. Additional common area dedications as required.

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(4) Shrubs must reach required height within two full growing seasons or 18 months, whichever is less.

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(1) Width of the common area (buffer) for lots backing or siding a right-of-way.

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a. The common area (buffer) shall be 10 feet for a lot backing an adjacent right-of-way that is equal to 50 feet or less in width.

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b. The common area (buffer) shall be 20 feet for a lot backing or siding an adjacent right-of-way greater than 50 feet in width.

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(2) At least one of the alternatives listed below is required for the common area (buffer). The alternates are as follows:

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a. Alternate One. A continuous six foot in height masonry wall shall be provided with masonry columns spaced a minimum of 40 feet on center. The color and style of masonry shall be consistent with the surrounding vicinity. If there is 600 feet or greater distance between openings of the masonry wall present a minimum of one offset shall be provided of one foot to three feet at a minimum of 100 feet and a maximum of 300 feet. Landscaping shall be provided with a minimum of one four inch caliper canopy tree and two ornamental trees at two inch caliper per 50 linear feet of frontage. A minimum of 50% of the linear footage of masonry wall must have beds of shrubs and groundcover.

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b. Alternate Two. A continuous six foot in height wrought iron or tubular steel fence with masonry columns spaced a minimum of 20 feet on center. The color and style of masonry shall be consistent with the surrounding vicinity. If there is 600 feet or greater distance between openings of the wrought iron or tubular steel fence present a minimum of one offset shall be provided of one foot to three feet at a minimum of 100 feet and a maximum of 300 feet. Landscaping shall be provided with a minimum of one four inch caliper canopy tree and two ornamental trees at two inch caliper per 50 linear feet of frontage. A minimum of 75% of the linear footage of buffering area must have beds of shrubs and groundcover with a minimum of 50% of the linear footage to have a three foot high earth berm. There shall be a maximum of a 4:1 slope on berms with additional common area dedications as required.

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c. *Alternate Three.* A continuous evergreen shrub screen six foot high with masonry columns spaced 40 feet on center shall be provided with the color and style of masonry consistent with surrounding vicinity. Landscaping shall be provided with a minimum of one four inch caliper tree per 50 linear feet of frontage. Shrubs must reach required height within two full growing seasons or 18 months, whichever is less.

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d. *Alternate Four.* A continuous 3' height earth berm with a maximum of a 4:1 slope. Additional common area dedications shall be made as required. Landscaping shall be provided with a minimum of one four inch caliper canopy tree and two ornamental trees two inch caliper per 50 linear feet of frontage. A minimum of 75% linear footage of buffering area must have beds of shrubs and groundcover.

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(c) *Standards.* Screening shall be a minimum of six feet in height and shall not exceed the maximum height allowed for fences (except for living screens). No canopy tree shall be planted within 5 feet of walls or fences. In the case of a living plant screen, two full growing seasons to a maximum time of 18 months shall be allowed to attain the required height and screening characteristics specified above. Where the design of a residential subdivision along a street employs a combination of lots backing and siding toward the street, the plan shall provide for consistency of landscaping and fencing design and materials along both the backing and siding lots so as to create an overall desirable effect. Walls or fences along the sides of lots which are continuous with walls or fences along adjacent backing lots shall be located within a common area and shall be maintained by the same entity.

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(d) *Irrigation.* An underground automatic irrigation system equipped with rain and freeze sensors and evapotranspiration (ET) weather based controllers shall be provided for all landscape planting areas. Irrigation systems shall comply with the city's water conservation ordinance as it exists or may be amended. Irrigation systems shall be designed for maximum irrigation efficiency, including the maximization of bubblers and drip emitters and the minimization of rotors and spray sprinklers.

(e) *Conflicts.* No improvements shall conflict with vehicular or pedestrian traffic movement. No improvements, including trees or large shrubs which do not meet the guidelines established by the utility company or the city shall be planted over or under and existing utilities. A minimum of ten feet of the required common area (buffer) shall be unencumbered by utilities or easements. Sidewalk or hike and bike trail locations shall be coordinated with other improvements and shall be shown on the screening and buffering plan.

(f) *Submittal.* Plans for screening and buffering shall be submitted concurrently with the applicant for minor plat, minor replat or record plat approval. Plans will be evaluated by the planning department concurrently with the minor plat, minor replat or record plat consideration. Approval of the screening and buffering plans by the ~~director of planning~~ landscape administrator is required prior to the approval of a minor plat, minor replat or record plat. Plans for screening and buffering shall also be submitted and included within the civil engineering drawings.

(g) *Administration.* The developer shall provide three complete sets of plans to the planning department which shall include, but not be limited to, the following information: location of berming, fencing, walls or landscaping; sidewalks; location of the street and property line; location of the screening and buffering area within the open space common area; location of existing and proposed utilities (water, sanitary sewer, electric, cable, gas, etc.); location of existing and proposed easements; construction details of the fencing or walls; specific plant materials being used (including common name, scientific name, quantity, size, spacing); planting

details; berm details; and an irrigation plan; and any additional information as requested by the ~~director of planning~~landscape administrator to assist in the complete and thorough review of the proposed plans. Sheet size shall be 24 inches by 36 inches with the scale not to exceed one inch equals 40 feet, or as determined by the ~~director of planning~~landscape administrator. Construction drawings of all improvements shall be approved by the ~~director of planning~~landscape administrator and the chief building official, prior to the installation of any proposed screening and buffering improvements.

Prior to the filing of the minor plat, minor replat or record plat, a compact disk (CD) with a copy of the as-built plans for the screening and buffering improvements shall be submitted to the ~~planning-engineering~~ department in Adobe Acrobat (.pdf) format, subject to review and inspection by the ~~director of planning~~landscape administrator.

(h) *Certificate of acceptance.* A certificate of acceptance shall be required prior to the filing of a plat with the county clerk. Upon completion of construction of the required screening and buffering improvements, the applicant for a plat shall request an inspection of said improvements from the ~~director of planning~~landscape administrator. If the required screening and buffering is installed per the approved screening and buffering plan, the ~~director of planning~~landscape administrator shall issue a certificate of acceptance. Where installation of landscaping is required to occur during a stage 3 or stage 4 drought situation as determined by the city subject to approval by the ~~director of planning~~landscape administrator, the developer may provide the city with a letter of credit or some financial assurance determined by the ~~director of planning~~landscape administrator equal to the cost of installing the landscaping which will remain in effect until the screening and buffering improvements are installed and accepted by the city. Once stage 3 restrictions are lifted, the landscaping required by the plan must be installed within six months, or the development shall be deemed to be in violation of this chapter and no additional building permits or certificates of occupancy will be issued.

(i) *Maintenance.* Maintenance of the screening and buffering requirements mentioned herein shall be established prior to plat approval and shall be clearly outlined as part of the facilities agreement or as a condition of plat approval. A homeowners association (HOA) shall be responsible for maintenance of all landscaping, buffering, screening, irrigation and associated improvements adjacent to residential subdivisions along public thoroughfares.

(Ord. No. 2008-08-077, § 1, 8-5-2008)