

STATE OF GEORGIA  
EFFINGHAM COUNTY

AMENDMENT TO ARTICLE III, SECTION 3.4  
OF THE EFFINGHAM COUNTY CODE OF ORDINANCES

AN ORDINANCE TO AMEND ARTICLE III, SECTION 3.4. OF THE EFFINGHAM COUNTY ZONING ORDINANCE AND TO REPEAL ALL OTHER ORDINANCES IN CONFLICT HERewith.

BE IT ORDAINED by the Effingham County Board of Commissioners in regular meeting assembled and pursuant to lawful authority thereof:

**3.4 Buffers.**

*Purpose and function:* To provide minimum separation and screening of different land uses. To minimize the adverse effects of commercial and industrial land uses on surrounding property and public thoroughfares; to act as a filtration zone for storm water; to make the environment more visually attractive; and to preserve the tree canopy in the county.

It is the intent of this ordinance that buffers be maintained and controlled so that the effects of the screening are not diminished.

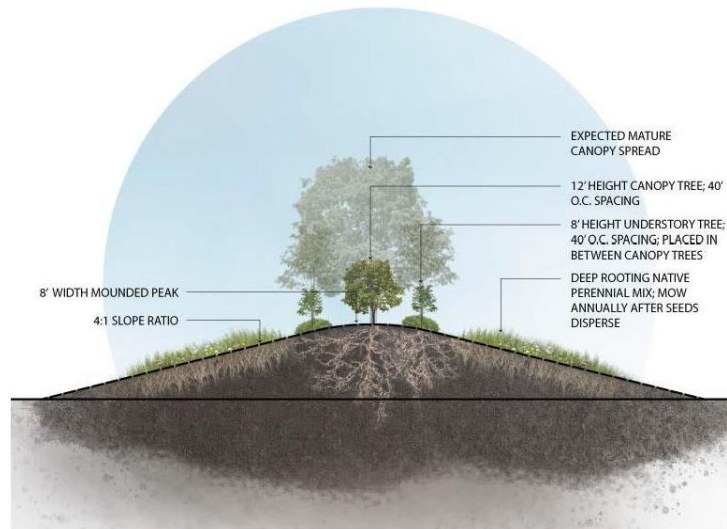
It is the intent of this ordinance that all buffer areas be properly maintained and preserved in a manner that sustains their functional and aesthetic value over time, ensuring that their screening and environmental benefits are not diminished.

The purpose of this ordinance is to ensure adequate separation and effective screening between differing land uses across all zoning districts. Buffers are intended to minimize the adverse impacts of development—including but not limited to commercial, industrial, residential, and mixed-use projects—on adjacent properties and public thoroughfares. Buffers also serve as natural filtration zones for stormwater runoff, enhance the visual quality of the built environment, and protect and preserve the County's existing tree canopy.

*3.4.1 Buffer design standards:*

- A. *Plant material:* Existing plant materials including understory vegetation in buffers shall be maintained whenever possible. All trees over six inches diameter at breast height (dbh) shall be retained. Additional planting may be required when existing plant material is inappropriate for screening. Additional landscaping may be added at the property owner's discretion.
- B. *Encroachment:* Buffer areas should remain natural. The following are the only permitted encroachments:
  - 1. Drainage ditches, utility, and service lines provided that they are approximately perpendicular to the property line.
  - 2. Sidewalks and pathways that connect multiple parcels.
  - 3. Lighting fixtures.
  - 4. Signs.
  - 5. Flagpoles.
  - 6. Structural elements: Privacy fences or walls located in a buffer shall provide a minimum of two feet from the element to the exterior property line to allow for plant material.
  - 7. Landscaping retaining wall if integrated into the buffer and subject to approval by the zoning administrator.
  - 8. Berms, subject to the following standards if encroaching within a buffer:

- a. Minimum slope of 4:1 (see figure below).
- b. Maximum height of the berm shall be based on the width as provided below and shall be reduced by six feet for every one foot of berm height:
  - i. For a 25 feet high berm, the buffer requirement is reduced from a 300 feet buffer to a 150 feet buffer. The 150 feet wide buffer includes 35 feet of natural and undisturbed buffer and remaining buffer is the berm. If the berm base is beyond 115 feet, the berm extends into the property and not the 35-foot undisturbed area.
  - ii. For a 16 feet high berm, the buffer requirement is reduced from a 300 feet buffer to a 200 feet buffer. The 200 feet wide buffer includes 35 feet of natural and undisturbed buffer and remaining buffer is the berm. If the berm base is beyond 165 feet, the berm extends into the property and not the 35-foot undisturbed area.
  - iii. For a 10 feet high berm, the buffer requirement is reduced from a 300 feet buffer to a 240 feet buffer. The 240 feet wide buffer includes 35 feet of natural and undisturbed buffer and remaining buffer is the berm. If the berm base is beyond 180 feet, the berm extends into the property and not the 35-foot undisturbed area.
  - iv. The height of the berm is measured perpendicular off the nearest adjacent property line using the natural grade, height cannot be determined by infill grade.
  - v. Major subdivisions with rear or side facing homes will install a six (6) foot tall berm with approved landscaping material at the apex of the berm. Minimum width of the berm is fifteen (15) feet at the base. Major subdivisions with rear or side-facing homes shall provide a minimum fifty (50) foot vegetative buffer. If the required vegetative buffer cannot be established, a six (6) foot tall berm with approved landscaping material may be installed with the fifty (50) foot buffer.



- C. Required setbacks shall be inclusive of buffers areas.
- D. When a less intense zoning district abuts a more intense zoning district, the responsibility for providing the required buffer shall rest solely with the property in the more intense district.

|      |       |       | Proposed Zoning |       |       |       |       |       |       |       |       |       |        |        |        |        |
|------|-------|-------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
|      | AR-1  | AR-2  | AR-3            | R-1   | R-2   | R-3   | R-4   | R-5   | R-6   | B-1   | B-2   | B-3   | MXD PD | I-1    | LI     | HI     |
| AR-1 | 15 ft | 15 ft | 15 ft           | 15 ft | 30 ft | 30 ft | 15 ft | 15 ft | 15 ft | 30 ft | 30 ft | 30 ft | 20 ft  | 300 ft | 150 ft | 300 ft |
| AR-2 | 15    | 15    | 15              | 15    | 30    | 30    | 15    | 15    | 15    | 30    | 30    | 30    | 20 ft  | 300    | 150    | 300    |

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|        | ft     | ft     | ft     | ft     | ft     | ft     | ft     | ft     | ft     | ft     | ft     | ft     |        | ft     | ft     | ft     |
| R-1    | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 300 ft | 300 ft | 300 ft |
| R-2    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 20 ft  | 20 ft  | 15 ft  | 300 ft | 150 ft | 300 ft |
| R-3    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 20 ft  | 20 ft  | 15 ft  | 300 ft | 150 ft | 300 ft |
| R-4    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 300 ft | 300 ft | 300 ft |
| R-5    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 300 ft | 300 ft | 300 ft |
| R-6    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 300 ft | 300 ft | 300 ft |
| B-1    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 20 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 15 ft  | 150 ft | 50 ft  | 150 ft |
| B-2    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 20 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 15 ft  | 150 ft | 50 ft  | 150 ft |
| B-3    | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 20 ft  | 20 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 15 ft  | 15 ft  | 150 ft | 50 ft  | 150 ft |
| MXD PD | 30 ft  | 30 ft  | 30 ft  | 30 ft  | 15 ft  | 15 ft  | 20 ft  | 20 ft  | 20 ft  | 15 ft  | 15 ft  | 15 ft  | 10 ft  | 300 ft | 150 ft | 300 ft |
| I-1    | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 150 ft | 150 ft | 150 ft | 300 ft | 25 ft  | 25 ft  | 25 ft  |
| LI     | 150 ft | 150 ft | 150 ft | 300 ft | 150 ft | 150 ft | 300 ft | 300 ft | 300 ft | 50 ft  | 50 ft  | 50 ft  | 50 ft  | 25 ft  | 50 ft  | 50 ft  |
| HI     | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 300 ft | 150 ft | 150 ft | 150 ft | 150 ft | 25 ft  | 25 ft  | 25 ft  |

If a privacy fence is used, the material needs approval by Development Services, the fence maximum height is seven (7) feet in height, then the adjacent buffer may be reduced by ten (10) feet-30 feet to 20 feet for residential required buffers only.

\* Subdivisions of less than five lots are exempt from buffer requirements when neighboring property is under the same ownership.

- E. The constructed berm shall have vegetative cover applied immediately post-construction to assist in stabilization of the berm.

Before final plat approval of a subdivision or sketch plan approval of a commercial, industrial or PD development, a bond shall be submitted to development services in the amount of ten (10) percent of the construction cost of the berm as determined by EOM.

\*\* Adjacent commercial, institutional, and industrial developments which are designed as a single development or share parking may reduce the buffer width by up to 50 percent between these parcels. If commercial property is developed with zero lot lines, then the buffer between parcels shall be eliminated. At no time may buffers be reduced between commercial, institutional, or industrial and residential uses.

\*\*\* Where a Residential or Commercial development abuts a railroad right-of-way, a vegetative buffer of 30 feet in width shall be provided.

\*\*\*\* The required plant material portion of a buffer may be reduced by 50% when adjacent to agricultural or conservation areas if replaced by additional storm water management areas.

\*\*\*\*\* Industrial surface mines will follow the buffer requirements in section 3.17.4.

*3.4.2 Adjacent public street buffers:* All development excluding industrial development shall maintain a ten-foot wide landscaped buffer between any parking or loading area and an adjacent accessed public right-of-way (ROW). In single family subdivisions a ten-foot landscaped buffer must be maintained between any lot or internal street and any public collector or arterial ROW accessed from the subdivision.

- A. In cases where the adjacent public street is also the exterior boundary of the site, the buffer required in table 3.4.1 shall be inclusive of this ten-foot-wide landscaped buffer.
- B. Where parcels abut a street without access to that street the buffer on that side of the parcel shall equal the required buffer for the use on the other side of the street in the above chart.
- C. Street buffers for industrial property shall equal the required buffer for the use on the other side of the street in the above chart.
- D. Residential subdivisions shall have visual buffers consisting of either vegetative cover or fencing and shall have a minimum 50 percent opacity. If vegetation is used, it shall be projected to reach the required opacity within one year of installation and shall maintain the minimum required opacity during all seasons of the year. A visual buffer may be no higher than six feet in height, except on main or collector streets where the buffer is a maximum height of twenty (20) feet.
- E. PDs may have different buffer requirements; however, buffers are still required in all approved PDs. Please refer to PD ordinance in Article X.
- F. Where property lines run adjacent to federally designated interstate highways, regardless of zoning or proposed use, that section of the property is exempt from all buffer requirements along the property line with frontage on the interstate highway.

**3.4.5 Required plant material: 3.4.3 Enforcement:**

- A. *Pre-Construction Buffer Protection.* Prior to the issuance of any land disturbing activity permit for a development, all required buffer areas shall be clearly delineated in the field with highly visible silt fencing or other approved protective barrier. The purpose of this requirement is to ensure that buffer areas are protected and remain undisturbed throughout all phases of site preparation and construction. The silt fencing shall be installed along the outer edge of the buffer area closest to the area of disturbance and must remain in place and properly maintained until all construction activity has ceased and final stabilization is achieved. Buffer delineation and fencing shall be verified by County staff during the pre-construction inspection.
- B. Where trees do not already exist they must be planted at a rate of one tree, at least two inches dbh, every 15 linear feet of buffer. The following list specifies recommended trees for this area. For buffers greater than 30 feet in depth required tree planting must come from the large tree list.
- C. Buffers in industrial zones must include understory plantings at a rate of one (1) gallon plant every five linear feet if sufficient understory foliage does not exist.
- D. Unauthorized removal, disturbance, or destruction of any required buffer shall result in the following:
  - 1. A stop work order will be issued.
  - 2. Subject to all requirements and procedures of the Effingham County Code of Ordinances, *Article X – Tree Protection and Preservation*
  - 3. A landscape plan prepared by a registered landscape architect or other qualified professional shall be submitted to and approved by the Director of Development Services or their designee prior to any planting. The plan must detail the species, size, spacing, and location of all proposed plantings and demonstrate compliance with the required triple density replacement. Restoration must be completed within a timeframe determined by the County and may be subject to inspection and ongoing maintenance requirements to ensure long-term viability.

**3.4.4 Required Plant Materials:**

| Large Trees >50' Suitable for areas with more than 400 square feet of total planting area; in a planting strip at least 16' × 25' or 20' × 20' |                |           |                             |             |                     |         |
|--|----------------|-----------|-----------------------------|-------------|---------------------|---------|
| Common/Scientific Name   | Height & Width | Sun/Shade | Insect & Disease Resistance | Growth Rate | Deciduous Evergreen | Remarks |

|  |                      |       |   |   |   |  |
|--|----------------------|-------|---|---|---|--|
| Beech, American<br><i>Fagus grandifolia</i>          | 50-75' h<br>40-80' w | PS/FS | L | S | D | Native. Needs ample room above and below ground. Acid soil. Fruit attracts wildlife, no litter. Zones 4-9                            |
| Blackgum Nyssa<br><i>sylvatica</i>                   | 65-75' h<br>25-35' w | PS/FS | H | S | D | Native. Soil pH below 6 best, texture tolerant, drought tolerant, wet soil tolerant. Fruit attracts wildlife, some litter. Zones 4-9 |
| Cypress, bald<br><i>Taxodium distichum</i>           | 60-80' h<br>25-35' w | FS/PS | M | F | D | Native. Drought & wet tolerant. 'Knees' form in wet areas. Tolerates compaction. Zones 4-11  |
| Cypress, pond<br><i>Taxodium ascendens</i>           | 50-60' h<br>50-60' w | PS/FS | H | F | D | Native. Soil adaptable below 7.5. Knobby 'knees' form in moist areas. Attracts wildlife. No litter. Zones 5-9                        |
| Hickory, pignut<br><i>Carya glabra</i>               | 50-65' h<br>30-40' w | PS/FS | M | M | D | Native. Soil texture adaptable. Drought tolerant. Nuts attract wildlife. Zones 4-9   |
| Hickory, shagbark<br><i>Carya ovata</i>              | 60-80' h<br>25-35' w | PS/FS | H | S | D | Native. Soil texture adaptable. Abundant nuts attract wildlife. Shaggy bark attractive. Zones 4-8                                    |
| Magnolia,<br>Southern Magnolia<br><i>grandiflora</i> | 60-80' h<br>30-40' w | PS/FS | M | M | E | Native. Soil adaptable. Bark is thin,  |

|   |                       |       |   |   |    |   |
|---|-----------------------|-------|---|---|----|---|
|   |                       |       |   |   |    | protect from mechanical injury. White showy blooms in spring & summer. Good cultivars. Zones 7-9                              |
| Maple, Red Acer rubrum                    | 60-75' h<br>25-35' w  | PS/FS | H | F | D  | Native. Prefers acidic soil, texture tolerant, wet tolerant. Bark is thin. Fruit attracts wildlife. Many cultivars. Zones 4-9 |
| Oak, laurel/Darlington Quercus laurifolia | 60-70' h<br>50' w     | PS/FS | H | F | SE | Native. Soil adaptable. Roots will heave sidewalks. Acorns attract wildlife, creates some litter. Zones 6-10                  |
| Oak, live Quercus virginiana              | 60-80' h<br>60-120' w | PS/FS | H | M | E  | Native. Soil adaptable. Roots will eventually heave sidewalks, wind resistance. Some litter. Zones 8-10                       |
| Oak, shumard Quercus shumardii            | 60-80' h<br>40-50' w  | FS    | M | F | D  | Native. Soil texture adaptable, acidic. Urban tolerant. Acorns attract wildlife. Some litter. Zones 5-9                       |
| Oak, southern red Quercus falcata         | 60-80' h<br>60-70' w  | FS    | M | M | D  | Native. Acidic soil, all textures, urban tolerant. Fruit attracts wildlife, no significant litter. Zones 7-9                  |
| Oak, scarlet Quercus coccinea             | 60-75' h<br>45-60' w  | FS    | M | M | D  | Native. Acidic soil, all  |

|   |                       |       |   |   |   |  |
|---|-----------------------|-------|---|---|---|--|
|   |                       |       |   |   |   | textures. Needs ample root space. Nuts attract wildlife. Some litter. Zones 5-8  |
| Oak, swamp chestnut <i>Quercus michauxii</i>  | 60-70' h<br>30-50' w  | PS/FS | M | M | D | Native. Acidic soil, all textures, occasional wet. Leaf litter persistent, acorns for wildlife. Zones 6-9                    |
| Oak, white <i>Quercus alba</i>                | 60-100' h<br>60-80' w | PS/FS | H | M | D | Native. Acidic soil, all textures. Protect roots from disturbances. Nuts attract wildlife. Some litter. Zones 3-9            |
| Oak, willow <i>Quercus phellos</i>            | 60-75' h<br>40-60' w  | FS    | M | F | D | Native. Acidic soil, all textures, occasional wet, drought, urban tolerant. Nuts attract wildlife. Some litter. Zones 5-9    |
| Pine, loblolly <i>Pinus taeda</i>             | 50-80' h<br>30' w     | FS    | M | F | E | Native. Soil texture adaptable, acidic. Thick bark-resistant to fire. Needle drop prolific. Zones 6-9                        |
| Pine, longleaf <i>Pinus palustris</i>         | 60-80' h<br>30-40' w  | FS    | M | F | E | Native. Soil texture adaptable. Beautiful bark. Needle and cone drop prolific. Drought tolerant once established. Zones 7-10 |
| Redcedar, eastern <i>Juniperus virginiana</i> | 40-50' h<br>8-25' w   | FS    | H | F | E | Native. Soil pH and texture tolerant. Blue   |

|  |                       |       |   |   |   |   |
|--|-----------------------|-------|---|---|---|---|
|  |                       |       |   |   |   | fruit attracts wildlife. Good wind break, urban tolerant. Zones 3-9   |
| Sweetgum<br>Liquidambar<br>styraciflua         | 75' h<br>50' w        | PS/FS | H | M | D | Native. Soil pH of 7.5 or less. Surface roots. Fruit attract wildlife, significant litter. Cultivar 'Rotundifolia' fruitless. Zones 5-9   |
| Sycamore,<br>American Platanus<br>occidentalis | 75-90' h<br>60-70' w  | FS    | L | F | D | Native. Soil pH and texture adaptable. Prefers moist soil. Roots may heave sidewalks. Showy bark. Zones 4-9                               |
| Tulip poplar<br>Liriodendron<br>tulipifera     | 80-120' h<br>25-40' w | FS    | H | F | D | Native. Acidic soil, occasional wet. Avoid drought & salt. Showy greenish-yellow blooms in spring. Some leaf drop in high heat. Zones 4-9 |

| KEY                 |                                  |                  |                     |
|---------------------|----------------------------------|------------------|---------------------|
| Sun/shade exposure: | Growth rate:                     | Pest resistance: | Type:               |
| FS = Full sun       | S = Slow (less than 1' per year) | H = High         | D = Deciduous       |
| PS = Part sun       | M = Medium (1-2' per year)       | M = Medium       | E = Evergreen       |
| S = Shade           | F = Fast (more than 2' per year) | L = Low          | SE = Semi Evergreen |

*Medium Canopy Trees:* (Count for 550 square feet of area for planting—minimum two inches caliber)

| Medium Trees 30' - 50' Suitable for spaces with 100 to 200 sqft of total planting space; in a planting strip at least 4-7 feet wide; or place at least 4' from pavement or wall. |                      |           |                             |             |                     |  |
|--|----------------------|-----------|-----------------------------|-------------|---------------------|--|
| Common Name/Scientific Name  | Height & Width       | Sun/Shade | Insect & Disease Resistance | Growth Rate | Deciduous Evergreen | Remarks  |
| Birch, river<br>Betula nigra<br>'Heritage  | 40-50' h<br>40-50' w | PS/FS     | M                           | F           | D                   | Native. Acidic soil. Drought sensitive in confined spaces. Roots |



|  |                      |    |   |   |   |   |
|--|----------------------|----|---|---|---|---|
|  |                      |    |   |   |   | need room.<br>Cultivars<br>available.<br>Zones 3B-9   |
| Holly, East<br>Palatka Ilex x<br>attenuata       | 30-45' h<br>10-15' w | FS | M | M | E | Florida natural<br>hybrid. Urban<br>& drought<br>tolerant once<br>established.<br>Red berries<br>attract<br>wildlife.<br>Zones 7-9  |
| Holly,<br>American Ilex<br>opaca                 | 40-50' h<br>15-25' w | FS | M | S | E | Native. Salt<br>and drought<br>tolerant once<br>established.<br>Red berries<br>attract birds,<br>no litter.<br>Zones 5-9  |
| Holly, Nellie R.<br>Stevens Ilex x               | 20-30' h<br>10-15' w | FS | H | M | E | Hybrid. Soil<br>texture<br>tolerant.<br>Needs male<br>and female<br>plants for<br>berries.<br>Drought<br>tolerant.<br>Showy red<br>berries & deep<br>green leaves.<br>Zones 6-9 |
| Holly,<br>Savannah Ilex x<br>attenuata           | 30-45' h<br>6-10' w  | FS | M | M | E | Hybrid.<br>Acidic soil,<br>urban tolerant.<br>Red berries<br>attract birds,<br>no litter.<br>Zones 6-9  |
| Magnolia,<br>sweetbay<br>Magnolia<br>virginiana  | 40-50' h<br>15-25' w | PS | M | M | D | Native. Acidic<br>soil. Tolerates<br>wetlands.<br>Flood &<br>drought<br>tolerant.<br>Showy, white,<br>fragrant<br>flowers. Zones<br>5-9   |
| Magnolia,<br>Southern<br>Magnolia<br>grandiflora | 30-50' h<br>15-30' w | FS | H | M | E | Native. Soil<br>adaptable.<br>White showy<br>blooms in<br>summer &<br>early fall.<br>Smaller leaves   |

|   |                      |       |   |   |   |  |
|---|----------------------|-------|---|---|---|--|
|   |                      |       |   |   |   | than species.<br>Zones 6-9   |
| Oak, overcup<br><i>Quercus lyrata</i>                         | 35-50' h<br>35-50' w | FS    | H | M | D | Native. Soil adaptable, wet & drought tolerant once established. Urban tolerant. Acorns attract wildlife, significant litter. Zones 5-9              |
| Palm, cabbage<br><i>Sabal palmetto</i>                        | 40-50' h<br>10-12' w | PS/FS | H | S | E | Native. Soil tolerant, frond and fruit litter messy. Needs irrigation until established as all cut roots die back. Southern region only. Zones 8B-11 |
| Redbud, eastern<br><i>Cercis Canadensis</i><br>'Forest Pansy' | 20-30' h<br>15-30' w | PS    | M | F | D | Native. Light, rich, moist soil, texture adaptable. Showy purple blooms in spring. Cultivar 'Texas White' good. Short lived. Zones 4-9               |
| Silver bell,<br>Carolina<br><i>Haleiwa</i><br>Carolina        | 20-40' h<br>15-30' w | PS/FS | H | M | D | Native. Acidic soil. Drought sensitive in full sun, roots need room. Showy white blooms in spring. Zones 5-8   |
| Yellowwood,<br>American<br><i>Cladastris kentukea</i>         | 30-50' h<br>40-50' w | PS/FS | H | M | D | Native. Needs pruning while young. White fragrant blooms. Tolerates urban conditions. Zones 4-8  |

| KEY                 |              |                  |       |
|---------------------|--------------|------------------|-------|
| Sun/shade exposure: | Growth rate: | Pest resistance: | Type: |

|               |                                  |            |                     |
|---------------|----------------------------------|------------|---------------------|
| FS = Full sun | S = Slow (less than 1' per year) | H = High   | D = Deciduous       |
| PS = Part sun | M = Medium (1-2' per year)       | M = Medium | E = Evergreen       |
| S = Shade     | F = Fast (more than 2' per year) | L = Low    | SE = Semi Evergreen |

| Small trees < 25' useful under utility lines; areas with < 100 sf of total planting area; a planting strip with a width of at least 4'. |                      |           |                             |             |                     |  |
|---|----------------------|-----------|-----------------------------|-------------|---------------------|--|
| Common Name/Scientific Name   | Height & Width       | Sun/Shade | Insect & Disease Resistance | Growth Rate | Deciduous Evergreen | Remarks  |
| Cherry, Okame<br><i>Prunusx incamp</i><br>'Okame'   | 15-25' h<br>20' w    | PS/FS     | M                           | M           | D                   | Hybrid. Soil texture and pH adaptable. Roots need room. Pink showy blooms. Fruit attracts birds. Zones 7-9                                   |
| Crape myrtle, Japanese<br><i>Lagerstroemia fauriei</i>  | 35-50' h<br>25-35' w | FS        | H                           | M           | D                   | Japan. Soil adaptable. Urban tolerant. White showy flowers. Beautiful bark. May be resistant to powdery mildew. Zones 6-9                    |
| Dogwood, flowering<br><i>Cornus Florida</i>   | 20-30' h<br>20' w    | PS        | M                           | M           | D                   | Native. Part shade. Drought sensitive, low salt tolerance, needs good drainage. White showy flowers. Horizontal branching pattern. Zones 5-9 |
| Fringetree<br><i>Chionanthus virginicus</i>   | 12-15' h<br>10-15' w | PS/FS     | M                           | S           | D                   | Native. Acidic soil. Thin bark easily damaged. Urban tolerant. Showy white blooms in spring. Fruit attracts birds. Zones 4-9                 |
| Holly, yaupon <i>Ilex vomitoria</i> 'Pendula'   | 15-20' h<br>15-20' w | S/FS      | M                           | M           | E                   | Native. Soil & pH greatly adaptable. Urban tolerant. Thin bark. Red berries attract wildlife. Zones 7-10                                     |
| Magnolia, Southern<br><i>Magnolia grandiflora</i> 'Little Gem'  | 20-25' h<br>10-15' w | PS/FS     | M                           | M           | E                   | Native. Soil adaptable. Bark is thin, protect from mechanical injury. White showy blooms in summer and early fall. Zones 7-9                 |
| Redbud, Oklahoma<br><i>Cercis reniformis</i> 'Oklahoma'   | 20-30' H<br>15-30' w | PS/FS     | M                           | F           | D                   | Native. Soil & pH adaptable, salt sensitive, showy   |

|                           |                      |       |   |   |   |  |
|---------------------------|----------------------|-------|---|---|---|--|
|                           |                      |       |   |   |   | thick leaves. Zones 5-9  |
| Waxmyrtle Myrica cerifera | 15-20' h<br>20-25' w | PS/FS | M | F | E | Native. Soil & pH adaptable, urban tolerant. Blue berries attract wildlife. Zones 8-11 |

| KEY                 |                                  |                  |                     |
|---------------------|----------------------------------|------------------|---------------------|
| Sun/shade exposure: | Growth rate:                     | Pest resistance: | Type:               |
| FS = Full sun       | S = Slow (less than 1' per year) | H = High         | D = Deciduous       |
| PS = Part sun       | M = Medium (1-2' per year)       | M = Medium       | E = Evergreen       |
| S = Shade           | F = Fast (more than 2' per year) | L = Low          | SE = Semi Evergreen |

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

This \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

BOARD OF COMMISSIONERS,  
EFFINGHAM COUNTY, GEORGIA

FIRST READING: \_\_\_\_\_

BY: \_\_\_\_\_  
DAMON RAHN, CHAIRMAN

SECOND READING: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
STEPHANIE JOHNSON  
EFFINGHAM COUNTY CLERK