

**LANDSCAPE GUIDELINES
DESIGNERS ARE...**

ENCOURAGED TO INCORPORATE

CAUTIONED TO AVOID

PLANT MASSING:

Informal buffers
Manicured parking lots &
building areas
"Broad brush" plant masses

"Spotty" plant masses

TREES:

Predominantly native hardwoods
Large trees in parking areas
Understory flowering trees

More than 5% palmetto trees
leyland cypress and other
trees with non-native
appearance

SHRUBS, GROUNDCOVER, GRASS:

Shrub masses, not individual shrubs
Groundcover to unify plant beds
Metal plant bed edging for grass

Pampas grass and other
shrubs with non-native
appearance
Pruning shrub masses as
individual plants

BUFFER AREAS:

Native hardwoods, pine stands
& hardwood understory
Blending of parcel buffer with
common areas
Planting according to minimum
density standards

Thin planting of buffer

POWER LINE EASEMENTS:

Plant masses and lawns through power
line easements to blend with
surrounding
"Danger tree" requirements

Plantings that interfere with
easement maintenance

**VII. LANDSCAPE DESIGN
GUIDELINES**

A. General Landscape Requirements

The landscape design philosophy of the Project is to create an aesthetically attractive and cohesive landscape that:

- unifies the entire the Project through the use of a consistent plant palate
- reflects the native Lowcountry forest, while accommodating the urban requirements of a regional project
- unifies the entire the Project, softening the building elements, allowing their individuality to be seen through the landscape, not because of the landscape, and
- encourages conservation of natural resources within the context of a landscape maintained for quality.

B. Plantings

The plantings at the Project will be designed, installed and maintained to:

- Incorporate substantial plantings of hardwood trees, shrubs, groundcovers and grasses on development parcels that utilize



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IRRIGATION:

Water conserving design
Heads that resist breakage

Spraying on roads, parking and
pedestrian areas

PEDESTRIAN AREAS/BICYCLES:

Pedestrian linkages between adjacent
parcels
Pedestrian Linkages to common area
walkways and regional bus stops
Shade for walks and plazas
Bicycle parking areas

Poor quality materials and lack
of detail

SITE FURNISHINGS:

Benches, trash receptacles, etc.
integrated into landscape
Pedestrian sitting/gathering areas
Relate to style of parcel architecture

Lack of site furnishings

large shade trees in parking lots and adjacent to buildings, and informal buffers between parcels that blend with the common areas.

- Take particular care to preserve the significant hardwoods in wooded areas.
- To a reasonable degree, preserve stands of the pines and understory hardwoods.
- Adhere to planting concepts that conserve water and minimize the use of fertilizers and pesticides, while providing the high level of finished appearance required for the sense of quality and care that the Project represents.
- Blend one parcel to the other and all to the common area, avoiding any tendency for one parcel to stand out from the others due to the use of garish plantings or landscape features.
- Mass plantings and lawns through power line easements to blend with surrounding landscape. Consider Santee Cooper "danger tree" requirements when locating trees adjacent to power line easements.
- Utilize pine straw, bark, or other native mulch, avoiding the use of shell, stone or exposed plastic.



Landscape plans submitted for approval will be coordinated with site design plans relating to erosion and sedimentation control, temporary drainage, the location of utilities, clearing in conjunction with construction and disturbance to the existing terrain.

Applicants are encouraged to take soils samples and percolation tests on parcel areas to receive new plantings and incorporate this information into the design of drainage, irrigation, and plant selection. In many areas of the Project the native soils are heavy and have limited subsurface drainage in the upper soils. These soils are similar to other soils in the region and should be treated accordingly.

After the completion of construction on any parcel, any additional landscaping or site work which is not contained within approved plans must be submitted to the CRB for approval prior to the commencement of such work.

This chapter includes a Recommended Plant List indicating plant materials for use at the Project. While other species will be considered for approval by the CRB, the incorporation of plants on the recommended list will support the concept of unifying the landscape at the Project. **Refer to Page VII-5. Recommended Plant List.**

C. Irrigation

Irrigation design will incorporate concepts of water conservation including the use of drip/trickle irrigation, low trajectory spray heads, carefully managed timing cycles, rain sensors for each controller, use of "gray water" where available, and other techniques appropriate to the particular system and site.

Heads will be placed to avoid spraying onto roads, parking and pedestrian areas.

Heads adjacent to vehicular traffic (roads, parking, etc.) will be designed to resist breakage (swing joints, flexible risers, etc.) when run over by errant vehicles.

D. Pedestrian Areas

Pedestrian walks will be designed to link parcels one with the other, and to common area pedestrian ways and regional bus-stops. Attention will be given to pedestrian linkages between parking and buildings such that the ease and safety of the pedestrian is taken into consideration. High quality materials and detailing (brick, oyster shell, scored concrete, etc.) will be used to enhance human scale and enjoyment. Shade will be considered as an important feature for walks and pedestrian gathering places, such as decks or plazas.

Accessibility should be considered for routing and materials selections.

Walkways used to link parcels to one another, or to link parcels to the Project's common area walks should integrate with the adjacent walk's materials and width. The standard bike trail along the East West Connector is 8'0" wide and constructed of asphalt. The standard sidewalk is 5'0" wide and constructed with broom finished concrete with scored joints.

E. Bicycles

Care will be taken to incorporate bicycle parking areas, with appropriate racks, at the main and employee entrances to buildings. The number of spaces to be provided is dependent on the building's use and anticipated bicycle usage in early and later phases of the development of the Project. Spaces should be provided for future bicycle usage. The number of spaces will be agreed on by the Applicant and the DRT dependent on circumstances.



F. Site Furnishings

To promote human scale and comfort, site furnishings (benches, trash receptacles, water fountains, etc.) will be encouraged as an integral part of a parcel's site and landscape development.

The creation of pedestrian sitting areas is encouraged at the entrances to offices, banks, grocery stores, retail areas and other uses where people meet, wait or have reason to rest. Provision of shade and attention to detail are important in these areas and contribute to the sense of comfort and quality.

Site furnishings will be durable, of high construction quality, and related in style and motif to the architecture of a given parcel. **Refer to Section X Site Furnishings, herein, for additional guidelines.**



G. RECOMMENDED PLANT LIST

The following list recommends plants for use at Myrtle Park. While other species will be considered for approval by the CRB, the incorporation of plants on the recommended list will support the concept of unifying the landscape at Myrtle Park.

Some species are known to be preferred by deer for browsing. These plants are indicated with an asterisk (*) in the list. Deer tastes change over time based on browsing availability, so the list is not inclusive. During Myrtle Park's initial development stages, deer may be attracted to new plantings and may represent a browsing problem. However, as the area becomes developed, deer may find other more attractive areas to browse.

In bioretention areas and on pond edges (above the permanent pool), woody species marked with an (h) may be used in addition to the hydrophytes and aquatic species.

Applicants are encouraged to take soil samples and percolation tests and incorporate this information into the design of drainage, irrigation and plant selection. In many areas of Myrtle Park the native soils are heavy and have limited subsurface drainage in upper soils. These soils are similar to other soils in the region and should be treated accordingly.

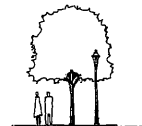
BOTANICAL NAME	CULTIVAR	COMMON NAME
OVERSTORY TREES		
Nyssa sylvatica (h)		Black Gum
Quercus hemisphaerica	Darlington	Darlington Oak
Quercus virginiana (h)		Live Oak

BOTANICAL NAME	CULTIVAR	COMMON NAME
Pinus taeda		Loblolly Pine
Acer rubrum (h)	'Red Sunset'	Red Maple
Betula nigra (h)		River Birch
Quercus shumardii		Shumard Oak
Magnolia grandiflora		Southern Magnolia
Magnolia grandiflora	'Bracken's Brown Beauty'	Southern Magnolia
Liriodendron tulipifera		Tulip Poplar
Quercus phellos (h)		Willow Oak
Zelkova serrata		Zelkova
ORNAMENTAL TREES		
Ilex opaca		American Holly
Cotinus obovatus		American Smoketree
Prunus caroliniana		Carolina Cherry-Laurel
Lagerstroemia indica	'Miami'	Crape Myrtle
Lagerstroemia indica	'Muskogee'	Crape Myrtle
Lagerstroemia indica	'Natchez'	Crape Myrtle
Lagerstroemia indica	'Osage'	Crape Myrtle
Lagerstroemia indica	'Tuskegee'	Crape Myrtle
Ilex cassine	'Dahoon'	Dahoon Holly
Ulmus parvifolia	'Drake'	Drake Elm
Acer rubrum (h)		Red Maple



BOTANICAL NAME	CULTIVAR	COMMON NAME
Acer barbatum		Florida Maple
Chionanthus retusus		Fringe Tree
Koelreuteria paniculate (h)		Golden Raintree
Eriobotrya japonica		Loquat
Ilex x	'Nellie R. Stevens'	Nellie R. Stevens Holly
Sabal Palmetto		Palmetto, Cabbage Palm
Prunus cerasifera	'Atropurpurea'	Purple Leaf Plum
Cercis canadensis		Redbud
Magnolia soulangiana		Saucer Magnolia
Ilex attenuata	'Savannah'	Savannah Holly
Magnolia stellata		Star Magnolia
Magnolia virginiana		Sweetbay Magnolia
Ligustrum lucidum *		Tree Form Glossy Privet
Myrica cerifera (h)		Tree Form Wax Myrtle
Ilex vomitoria		Tree Form Yaupon Holly
Prunus x yedoensis		Yoshino Cherry
LARGE SHRUBS		
Illicium anisatum		Anise
Illicium floridanum		Florida Anise
Michaelia figo		Banana Shrub
Ilex glabra (h)		Inkberry Holly
Ilex vomitoria		Yaupon Holly

BOTANICAL NAME	CULTIVAR	COMMON NAME
Ligustrum japonicum *		Japanese Privet
Ligustrum lucidum *		Glossy Privet
Nerium oleander		Oleander
Podocarpus macrophylla maki		Podocarpus
Viburnum odoratissimum		Sweet Viburnum
Osmanthus fragrans		Tea Olive
Myrica cerifera (h)		Wax Myrtle
Trachycarpus fortunei		Windmill Palm
MEDIUM SHRUBS		
Aucuba japonica		Aucuba
Abelia grandiflora		Glossy Abelia
Azalea indica	'Fashion'	Fashion Azalea
Azalea indica	'Formosa'	Formosa Azalea
Azalea indica	'G.G. Gerbing'	G.G. Gerbing Azalea
Azalea indica	'George L. Tabor'	George Tabor Azalea
Azalea indica	'Judge Solomon'	Judge Solomon Azalea
Azalea indica	'Kate Arendall'	Kate Arendall Azalea
Cleyera japonica *		Cleyera
Ilex cornuta *	'Burfordii Nana'	Dwarf Burford Holly
Myrica cerifera (h)	'Fairfax'	Dwarf Wax Myrtle
Jasminum floridum		Flowering Jasmine



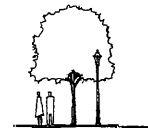
BOTANICAL NAME	CULTIVAR	COMMON NAME
Gardenia jasminoides		Gardenia
Cycas revoluta		Sago Palm
Raphiolepis umbellata *		Yedda Hawthorn
Viburnum suspensum		Sadankwa Viburnum
SMALL SHRUBS		
Ilex cornuta	'Carissa'	Carissa Holly
Aspidistra elatior		Cast Iron Plant
Azalea obtusum *	'Coral Bells'	Coral Bells Azalea
Ilex cornuta	'Rotunda'	Dwarf Chinese Holly
Gardenia jasminoides	'Radicans'	Dwarf Gardenia
Ilex vomitoria	'Nana'	Dwarf Yaupon Holly
Azalea hybrida *	'Flame Creeper'	Flame Azalea
Agarista populifolia		Florida Leucothoe
Cephalotaxus harringtonia		Harrington Plum-Yew
Cyrtomium falcatum		Holly Fern
Ilex crenata	'Kingsville'	Kingsville Japanese Holly
Pyracantha Koidzumii	'Low Dense'	Lowdense Pyracantha
Spiraea cantoniensis		Reeves Spirea
Abelia grandiflora	'Sherwoodii'	Sherwood Abelia
Ilex vomitoria	"Shillings/Stokes Dwarf"	Shillings or Stokes Dwarf Yaupon Holly
Azalea obtusum *	'Snow'	Snow Azalea

BOTANICAL NAME	CULTIVAR	COMMON NAME
Azalea hybrida *	'Wakaebesu'	Wakaebesu Azalea
GROUNDCOVERS		
Hedera canariensis *		Algerian Ivy
Vinca major		Big Periwinkle
Cephalotaxus harringtonia	'Drupacea'	Dwarf Japanese Plum Yew
Cephalotaxus harringtonia	'Prostrata'	Prostrate Japanese Plum Yew
Juniperus davurica	'Parsonii'	Parsons Juniper
Juniperus horizontalis (h)	Bar Harbor	Bar Harbor Juniper
Liriope muscari *	'Majestic'	Majestic Lilyturf
Ophiopogon japonicus *	'Nana'	Dwarf Mondo Grass
Raphiolepis indica	'Rosea'	Dwarf Indian Hawthorn
Rosa	'Meicoublan'	Meidiland Roses
Trachelospermum asiaticum		Yellow Star Jasmine
VINES		
Trachelospermum jasminoides *		Confederate Jasmine
Ficus pumila		Creeping Fig Vine
Gelsemium sempervirens		Carolina Jessamine
Rosa bansiae		Lady Banks Rose
PERENNIALS		
Dietes vegeta		African Iris
Agapanthus africanus		African Lily



BOTANICAL NAME	CULTIVAR	COMMON NAME
<i>Canna generalis</i> (h)		Canna Lillies
<i>Rudbeckia</i> sp.		Coneflower
<i>Gerbera Jamesonii</i>		Gerber Daisy, Transvaal Daisy
<i>Iris tectorum</i>		Japanese Rooftop Iris
<i>Lantana camara</i>		Lantana
<i>Chrysanthemum frutescens</i>		Marguerite Daisy
<i>Cuphea hyssopifolia</i>		Mexican Heather
<i>Pentas</i> sp.		Pentas
<i>Ceratostigma plumbaginoides</i>		Plumbago
<i>Salvia</i> sp.		Salvia, Sage
<i>Tulbaghia violacea</i>		Society Garlic
<i>Coreopsis</i>		Tickseed
<i>Iris neomarica</i>		Walking Iris
<i>Artemisia</i>	'Powis Castle'	Wormwood
HYDROPHYTES		
<i>Peltandra virginia</i>		Arrow arum
<i>Sagittaria latifolia</i>		Arrowhead/Duck potato
<i>Taxodium distichum</i>		Bald Cypress
<i>Iris versicolor</i>		Blue Flag Iris
<i>Andropogon virginicus</i>		Broomsedge
<i>Scirpus californicus</i>		Bullrushes
<i>Andropogon glomeratus</i>		Busby Beardgrass

BOTANICAL NAME	CULTIVAR	COMMON NAME
<i>Typha</i> spp.		Cattail
<i>Scirpus pungens</i>		Common Three-Square
<i>Spartina bakerii</i>		Cordgrass
<i>Crinum</i> sp.		Crinum Lily
<i>Miscanthus</i> sp.		Decorative Grasses
<i>Pennisetum</i> sp.		Decorative Grasses
<i>Philodendron domesticum</i>		Elephant Ears
<i>Thalia geniculata</i>		Fire Flag
<i>Saururus cernuus</i>		Lizard's tail
<i>Hibiscus moscheutos</i>		Marsh Hibiscus
<i>Pontederia cordata</i>		Pickernelweed
<i>Leersia oryzoides</i>		Rice cutgrass
<i>Carex</i> spp.		Sedges
<i>Scirpus validus</i>		Soft-stem Bulrush
<i>Polygonum</i> spp.		Smartweed
<i>Juncus effesus</i>		Soft Rush
<i>Nuphar luteum</i>		Spatterdock
<i>Eleocharis celulosa</i>		Spikerush
<i>Philodendron seloam</i>		Split Leaf Philodendron
<i>Blechnum serratum</i>		Swamp Fern
<i>Acorus calamus</i>		Sweet Flag
<i>Panicum vergatum</i>		Switchgrass



BOTANICAL NAME	CULTIVAR	COMMON NAME
Salix babylonica		Weeping Willow
Zizania aquatica		Wild rice
AQUATICS		
Arum		Arum
Ceratophyllum demersum		Coontail
Lemna spp.		Duckweed
Potamogeton pectinatus		Pond Weed
Pontederia cordata		Pickeralweed
Elodea canadensis		Waterweed
Valisneria americana		Wild Celery

