

LANDSCAPE MAINTENANCE SCHEDULE

"THE OWNERS OF THE PROPERTY AND THEIR AGENTS, HEIRS OR ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, PRESERVATION AND MAINTENANCE OF ALL PLANTING AND PHYSICAL FEATURES SHOWN ON THIS PLAN. THE OWNERS SHALL BE RESPONSIBLE FOR ANNUAL MAINTENANCE OF THE VEGETATION TO INCLUDE BUT NOT BE LIMITED TO:

A. FERTILIZATION

Shade Trees and Ornamental Trees - Early February/Early September application, 21-4-12 fertilizer mix, Rate of application- less than 6" caliper = 2 lbs. material/caliper in./year; greater than 6" caliper = 4 lbs. material/caliper in./year
Evergreen Trees - Early March/Early September application, 21-4-12 fertilizer mix, Rate of application- 2 lbs. material/caliper in./year
Shrubs - March/Early June/Mid-Late September application, 21-4-12 fertilizer mix, Rate of application- 1/2 cup material/f/spring spread
Groundcover - April application, 21-4-12 fertilizer mix, Rate of application- 2 lbs. material/1,000 sq. ft.
Bermuda - Early May/Early August application, 21-2-20 fertilizer mix, Rate of application- 5 lbs./application/100 sq. ft., twice a year

B. PRUNING WITHIN LIMITS (APPLICANT MUST DEFINE THE LIMITS)

Oak, Sweet Gum and Tulip Poplar : Allow the tree to form a canopy type head (for shade), maintain a clear trunk of approximately 8 ft. - 10 ft. height to allow good visibility. The tree needs no pruning (except for deadwood or growth on the main tree trunk) unless the tree is disorganized and needs pruning in certain areas in order to achieve balance.
Maple: Allow the tree to form a natural head (needs very little pruning). Remove any sucker growth from the trunk and let the tree form its natural character.
Crape Myrtle: Allow this plant to form its natural shape. Remove all foliage and sucker growth from the stems to approximately 1/3 height of the plant. Allow the tree to achieve a maximum height of approximately 12 ft. Prune all stems of the tree each year before spring and the tree will bloom profusely. (It blooms on the new growth which is generated from pruning.)
Evergreen Shrubs: Prune two times a year. Keep fairly tight in character. Do not prune to show individual shrubs. Allow to form a dense mass of plants at a height determined by architect.

C. PEST CONTROL

Name of Pest	Insecticide	Hydraulic Spray Formula (Per 100 Gal. Water)	Plants Commonly Susceptible	Comments
Aphids	Malathion, 50% Emulsion	1 quart	Crape Myrtle, Holly	Apply when notice
Lace Bugs	Malathion, 50% Emulsion	1 quart		2 sprays, 2-3 weeks apart
Leaf Hoppers	Methoxychlor	3 pounds	Oak, Maple	Repeat if necessary
	50% Wettable Powder			
Scale Insects	Methoxychlor	2 quarts	Holly, Crape Myrtle	First spray in early June, repeat in 3 weeks
Crawling Stage Spider Mites	25% B.C.	1 quart	Holly	Two sprays 3 weeks apart
	Other special Multiicide		Manufacturer's directions	
Leaf Miner	Malathion, 50% Emulsion	1 quart	Holly	When new growth has 4 Or 5 leaves showing showing or when miners are 2 3/4" in diameter
	Meta-systox-R, 25% SC	1 1/2 pints		When noticed
	50% Wettable	3 pounds	Many Ornamentals	
All other Leaf-Eating Caterpillars	Powder Methoxychlor			
Japanese Beetle	Sevin 50% Wettable Powder	2 pounds	Many Ornamentals	When adults emerge
Leaf-Eating Beetles	Sevin 50% Wettable Powder	2 pounds	Many Ornamentals	When noticed
Fungus Control	Diazinon	As directed	Many ornamentals	
Leaf Spot	Zineb	As directed	Maple	

D. MULCHING

All trees saucers, shrubs, plant beds, ground cover and seasonal color areas shall receive two (2) complete mulch applications per year using a 3" depth of mulch specified, and cosmetic mulch applications as necessary for maintaining a clean, freshly mulched appearance. Natural areas and mulch-only areas shall receive one (1) complete mulch application per year using 3" depth of mulch specified, and cosmetic mulch applications as necessary for maintaining a clean, freshly mulched appearance.

E. MOWING (IN ANY)

All bermuda lawn areas shall be mowed to a height of 3/4" - 1". Rotary type mowers designed for commercial use shall be used unless conditions require that smaller rotary mower be used. All lawn areas shall be mowed in a one-day operation and performed at a frequency necessary to maintain the specified height. All grass clippings shall be removed from lawn areas and removed from site by Maintenance Contractor.

F. PROTECTION OF THE ROOT ZONES FROM EQUIPMENT, CONSTRUCTION AND RELATED MATERIALS ETC.

Tree protection fencing should be placed beyond the drip line of the tree in the critical root zone area. This measurement is at least 1' for every 1" of the tree's diameter at breast height (dbh) measured from the center of the tree trunk out.

G. WATERING SCHEDULE FOR IRRIGATION SYSTEM.

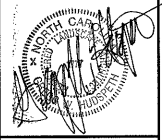
Plant material shall be deeply watered at time of planting and shall be subsequently irrigated at the following rates:
 Shrubs 0.8 in/week
 Turf 1.0 in/week
 Contractor shall determine appropriate irrigation zone timing to meet precipitation rate for each zone and submit figures to Landscape Architect for approval.

H. OTHER CONTINUING MAINTENANCE OPERATIONS.

"FAILURE TO MAINTAIN ALL PLANTINGS IN ACCORDANCE WITH THIS PLAN MAY CONSTITUTE A VIOLATION OF THE LAND DEVELOPMENT ORDINANCE AND MAY RESULT IN FINES"

PLANT TABLE

QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACE	NOTES
SHADE TREE					
3	BETULA NIGRA	RIVER BIRCH	3" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
3	NYSSA SYLVATICA	BLACKGUM	3" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
3	QUERCUS COCCINEA	SCARLET OAK	3" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
45	QUERCUS PHELLOS	WILLOW OAK	3" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
11	ULMUS PARVIFOLIA	CHINESE ELM	3" GAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
FLOWERING TREE					
17	AMERLANCHIER ARBOREA	SERVICE BERRY	2" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
15	CERCIS CANADENSIS	EASTERN REDBUD	2" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
9	CHIONANTHUS RETUSUS	FRINGE TREE	15 GAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
17	LAGERSTROEMIA SPP.	CRAPE MYRTLE	2" CAL	AS SHOWN	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
2	MYRICA CERIFERA	SOUTHERN WAX MYRTLE	15 GAL	9" O.C.	STRONG CENTAL LEADER, FULL, DENSE CROWN, WELL BRANCHED, DISEASE AND INSECT FREE
EVERGREEN SHRUB					
390	ABELIA X GRANDIFLORA	GLOSSY ABELIA	3 GAL	3" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
87	BERBERIS THUNGERGII	JAPANESE BARBERRY	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
15	BUXUS HARLANDII	HARLAND BOXWOOD	3 GAL	3" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
7	CAMELLIA JAPONICA	CAMELLIA	10 GAL	6" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
161	CYRPTOMERIA JAPONICA 'GLOBOSA NANA'	DWARF CRYPTOMERIA	3 GAL	3" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
187	ILEX CORNUTA 'HELLER'	HELLER HOLLY	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
206	ILEX CORNUTA 'BURFORDI HOLLY'	DWARF BURFORD HOLLY	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
303	ILEX CORNUTA 'CARISSA'	CARISSA HOLLY	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
3	ILEX X 'NELLIER R. STEVENS'	NELLIE R. STEVENS HOLLY	10 GAL	6" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
33	JASMINUM FLORIDUM	SHOWY JASMINE	10 GAL	6" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
159	JASMINUM LADIFLORUM	WINTER JASMINE	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
29	KALMIA LATIFOLIA	MOUNTAIN LAUREL	10 GAL	6" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
195	PITTIOSPORUM TOBIVA 'NANA'	DWARF PITTIOSPORUM	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
449	RHAPHIOLEPIS INDICA	INDIAN HAWTHORN	3 GAL	3" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
77	RHODOENDRON 'GEORGE TABER'	AZALEA 'GEORGE TABER'	10 GAL	5" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
172	RHODOENDRON 'FASHION'	AZALEA 'FASHION'	5 GAL	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
DECIDUOUS SHRUB					
93	SPIREA THUNBERGII	SPIREA	4" O.C.	4" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
GROUNDCOVER					
121	EUONYMUS FORTUNEI	WINTERCREEPER	4" POTS	18" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
30	GARDENIA JASMINOIDES 'RADICANS'	DWARF GARDENIA	4" POTS	18" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
688	HYPERICUM CALYCONUM	AARONS BEARD	4" POTS	18" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
495	LIRIOPE MUSCARI	LIRIOPE	4" POTS	12" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
274	OPHIPOGON JAPONICUS	MONDO	4" POTS	12" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
237	PHLOX SUBULATA	THRIFT	4" POTS	12" O.C.	FULL, DENSE CROWN, WELL ROOTED IN POT, DISEASE AND INSECT FREE
SEASONAL COLOR (ANNUALS)					
215	SF				



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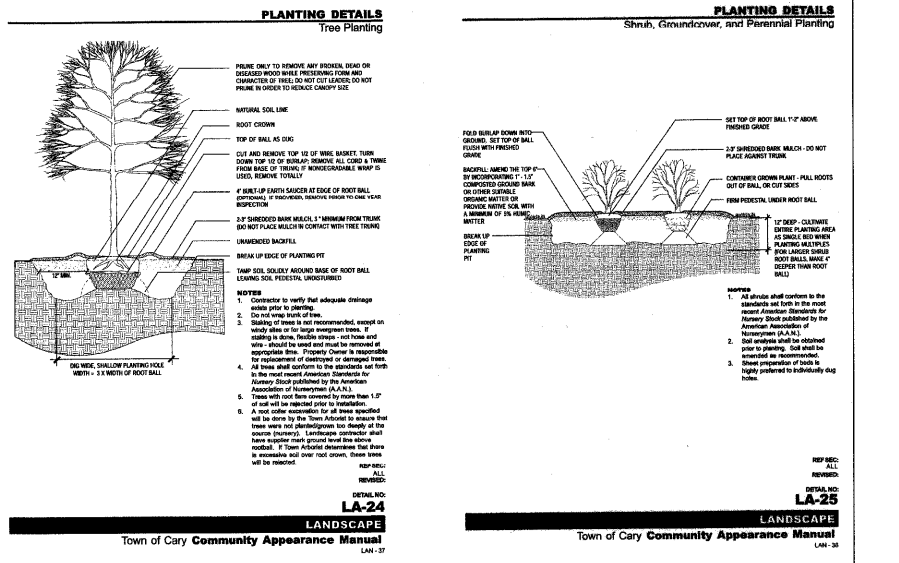


REVISIONS

DATE	DESCRIPTION

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TOWN OF CARY TYPICAL PLANTING DETAILS



Carolina Preserve
by DeWitt
 A T A M B E R L Y
Cary, North Carolina

PLANT TABLE & MAINTENANCE SCHEDULE

L-3.06

DATE: 1/22/06

CARY PROJECT NUMBER 05-SP-135

APPROVED
 TOWN OF CARY

APPROVED BY: DRC DATE: 12-19-05
 PLANNING: ME DATE: 1-22-06
 ENGINEERING: TS DATE: 1-19-06

RELEASED FOR CONSTRUCTION