PLANTING NOTES:

1. KEY REFERS TO PLANT LIST. WHERE THERE IS ONLY A KEY, THE QUANTITY IS ONE. WHERE THE KEY IS PRECEDED BY A NUMBER, THE NUMBER IS THE QUANTITY REQUIRED FOR THE INDICATED PLANT BED.
2. LOCATE PLANTS AND PLANTING BEDS BY USING SCALED DIMENSIONS FROM STREET, PROPERTY LINES, ETC. DIMENSIONS ON STREET YARDS, BUFFERS AND LANDSCAPE AREAS ARE A MINIMUM WIDTH AND SHALL NOT BE REDUCED.
3. ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM STANDARDS SET BY THE U.S.D.A. STANDARD FOR NURSERY STOCK SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC., WASHINGTON, D.C.
4. MULCH ALL TREES AND PLANTING BEDS AS NOTED ON DRAWING. ALL PLANT GROUPINGS ARE CONSIDERED PLANTING BEDS.
5. NO TREE (CANOPY OR UNDERSTORY) OR LARGE SHURB (I.E. LIGUSTRUM, FOSTER'S HOLLY) SHALL BE LOCATED WITHIN A ROADWAY RIGHT-OF-WAY OR WITHIN 5' OF A SIDEWALK.
6. LANDSCAPE CONTRACTOR SHALL VERIFY UTILITY AND STORM DRAINAGE LOCATIONS IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. ANY CONFLICTS WITH UTILITIES SHALL BE MOVED.
7. APPLY PRE-EMERGENT HERBICIDE TO ALL PLANTING BEDS PER MANUFACTURER'S SPECIFICATIONS.
8. LANDSCAPE CONTRACTOR SHALL SEED AREAS DESIGNATED ON PLAN WITH STATESMAN BLEND FESCUE BY SOUTHERN STATES SEED, OR APPROVED EQUAL.
9. THE SITE SHALL BE STABILIZED AND SEEDED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
10. THE SIZE OF THE PLANTING AREA AND SIZE OF PLANT MATERIAL AT MATURITY SHALL ALLOW FOR A 2.5' BUMPER OVERHANG FROM THE BACK OF CURB.
11. ALL TREE PROTECTION FENCING SHALL BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETED. THE FENCING SHALL BE REMOVED PRIOR TO THE FINAL SITE INSPECTION FOR THE CERTIFICATE OF OCCUPANCY (CO). SEE DETAIL ON THIS SHEET AND SPECIAL NOTES ON COVER SHEET. TREE PROTECTION FENCING SHOULD FULLY ENCLOSE THE SAVE AREAS. NO OPEN SIDES, EVEN ON PROPERTY/TRACT BOUNDARIES.
12. WHERE EXISTING VEGETATION FAILS TO FUNCTION ADEQUATELY AS REQUIRED, (I.E. BUFFER TYPE A, B, C, AND STREETSCAPE BUFFER) THE CARY SITE INSPECTOR RESERVES THE RIGHT TO REQUIRE SUPPLEMENTAL PLANTINGS IN ADDITION TO THOSE SHOWN ON THE PLANTING PLAN BASED ON ACTUAL FIELD CONDITIONS.
13. ORNAMENTAL TREES PLANTED FOR STREETSCAPE REQUIREMENTS SHALL BE PLANTED AT THE EDGE OF THE EXISTING VEGETATION, OUTSIDE OF THE RIGHT-OF-WAY AND SHALL BE NO CLOSER THAN 5' TO PROPOSED SIDEWALK. SITE VIEWS BY FENCING AND EVERGREEN PLANT MATERIAL.
14. EXISTING VEGETATION OR PLANTING SHALL BE PRESERVED AND/OR PROVIDED WHERE REAR YARDS BACK UP TO ONE ANOTHER OR ARE VISIBLE FROM OTHER REAR YARDS OR STREETS. THIS EXISTING AND/OR INSTALLED LANDSCAPE SHALL MEET OR EXCEED THE PLANTING CRITERIA FOR A TYPE 'B' SEMI-OPAQUE BUFFER.
15. REQUIRED STREET TREES THAT ARE LOCATED WITHIN A SIGHT DISTANCE TRIANGLE SHALL BE LIMBED UP TO 6' TO PREVENT THE OBSTRUCTION OF VISION.

LANDSCAPE MAINTENANCE PLAN:

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

A. FERTILIZATION: LAWN: FERTILIZE LAWNS TWICE PER YEAR (FEBRUARY 15-MARCH 15 AND AGAIN SEPT. 1-OCTOBER 31) ACCORDING TO SOIL TEST. FERTILIZE WARM SEASON GRASSES ONCE DURING GROWING SEASON PER SOIL TEST.

B. PRUNING: PRUNING SHALL BE LIMITED TO REMOVAL OF DEAD WOOD OR BRANCHES FOR TREES OR FOR SIGHT DISTANCES/SAFETY REASONS. THE SHIGO STANDARDS SHOULD BE ADHERED TO. THE PRUNING OF SHRUBS SHALL BE LIMITED TO THE PRUNING NECESSARY TO MAINTAIN THE NATURAL SHAPE OF THE PLANT EXCEPT FOR SHEARED HEDGES.

C. PEST CONTROL: PRE-EMERGENT WEED CONTROL FOR LAWNS AND SHRUB BEDS MAY BE APPLIED IN FEBRUARY. CHEMICAL TREATMENT FOR INSECT INFESTATION AND DISEASE MAY BE APPLIED AND SHALL BE SPECIFIC TO THE PROBLEM.

D. MULCHING: MULCHING SHALL BE MAINTAINED AT A DEPTH OF 2-3" IN PLANT BEDS. MULCH SHALL BE REAPPLIED EVERY TWO YEARS. AS NECESSARY TO MAINTAIN THE AVERAGE DEPTH OF THE PLANT BED.

E. MOWING: PRIMARY FESCUE LAWNS SHALL BE MAINTAINED AT AN AVERAGE HEIGHT OF 3" AND SHALL BE ROUTINELY MOWED TO ACHIEVE THIS HEIGHT. SECONDARY TURF AREAS MAY BE MAINTAINED HIGHER AND LESS FREQUENTLY. WARM SEASON GRASSES SHALL BE MOWED AS NEEDED DURING THE GROWING SEASON TO MAINTAIN THE RECOMMENDED HEIGHT OF THE SPECIES OF TURF GRASS.

F. PLANT PROTECTION: AVOID EXCESS INTRUSION INTO THE ROOT ZONE AREA OF ESTABLISHED PLANTINGS.

G. WATERING: IF ANY IRRIGATION SYSTEM IS UTILIZED, THE SYSTEM SHALL BE REGULATED TO PROVIDE APPROXIMATELY 1" OF RAINFALL PER WEEK DURING THE GROWING SEASON. (PENDING TOWN OF CARY WATER/IRRIGATION SUPPLIES.)

H. REMOVAL OF DISEASE INFESTED MATERIAL SHALL BE ALLOWED DO LONG AS REQUIRED TREES AND SHRUBS ARE REPLACED AT THE REQUIRED RATES AND SIZES.

I. SOD: SOIL AT SOD AREAS SHOULD BE TESTED AND TREATED PRIOR TO SOD INSTALLATION. SOD IS TO BE A FESCUE VARIETY COORIDATED WITH THAT USED FOR SEEDING AND STABILIZATION OF ERODABLE AREAS. SOD SHOULD NOT BE INSTALLED BETWEEN MAY 15 - SEPT. 18 AND SHOULD BE WATERED TWICE DAILY (OR AS NEEDED) DURING THE FIRST TWO MONTHS AFTER INSTALLATION.

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

LANDSCAPE REQUIREMENTS:

1. ALL ABOVE GROUND UTILITY EQUIPMENT AND FACILITIES ASSOCIATED WITH ON-SITE ELECTRIC, CABLE, TELEPHONE, GAS OR OTHER SIMILAR UTILITY SHALL BE LOCATED IN THE SIDE OF REAR YARD AREA OF THE SITE AND SCREENED, TO THE EXTENT POSSIBLE, WITH EVERGREEN PLANTINGS. PLANTINGS SHALL ALLOW FOR A MINIMUM OF A 5' CLEARANCE AROUND THE STRUCTURE TO ALLOW FOR ACCESS. ADDITIONALLY, ANY SIDE OF THE STRUCTURE HAVING A DOOR OR LOCK, THE PLANTINGS SHALL ALLOW FOR A 10' CLEARANCE. THE AMOUNT OF CLEARANCE SHALL ACCOUNT FOR THE SIZE OF THE PLANT MATERIAL AT MATURITY.
2. ALL VEHICULAR USE AREAS (DRIVES AND PARKING AREAS) SHALL BE SCREENED FROM OFF-SITE VIEWS.
3. ALL HVAC AND MECHANICAL DEVICES SHALL BE SCREENED FROM OFF-SITE VIEWS BY EVERGREEN SHRUBS (SPACED 5' O.C.) WHICH REACH A HEIGHT OF 6' MIN. AT MATURITY.
4. ALL STORMWATER DEVICES SUCH AS CULVERTS, RIP RAP STRUCTURES, RETENTION AND DETENTION PONDS AND OTHER STORMWATER-RELATED DEVICES SHALL BE SCREENED WITH EVERGREEN PLANTINGS TO REDUCE THEIR VISUAL.
5. ALL DUMPSTER AND CARDBOARD RECYCLING LOCATIONS WILL BE SCREENED FROM OFF-SITE VIEWS BY FENCING AND EVERGREEN PLANT MATERIAL.
6. ENTRY FEATURE WALLS REQUIRE FOUNDATION PLANTINGS AT THE BASE OF THE WALL.

ADDITIONAL PLANTING NOTES:

1. REQUIRED STREETSCAPE TREES SHALL BE INSTALLED BY BUILDERS PRIOR TO RECIEVING C.O.
2. EXISTING VEGETATION SHALL COUNT TOWARD LOT LANDSCAPING REQUIREMENTS.
3. LOT LANDSCAPING AND FOUNDATION PLANTING TO BE SHOWN ON EACH INDIVIDUAL LOT PLAN.
4. TREE PROTECTION FENCES SHALL BE PLACED TO ENSURE THAT THE MAXIMUM NUMBER POSSIBLE OF EXISTING TREES SHALL BE UNDISTURBED.
5. NO TREES ARE TO BE PLANTED IN TOC PUBLIC UTILITY EASEMENTS
6. AREAS OF STREETSCAPE TO BE CLEARED DUE TO ROADWAY WORK OR RETAINING WALL INSTALLATION SHALL BE REPLANTED WITH UPPER STORY HARDWOOD OR EVERGREEN TREES ON A 10 FOOT GRID SPACING THROUGHOUT THE STREETSCAPE TO REESTABLISH THE EXISTING WOODED AREA ALONG KILDAIRE FARM ROAD.

PLANT CALCULATIONS:

REQUIRED STREETSCAPE PLANTINGS

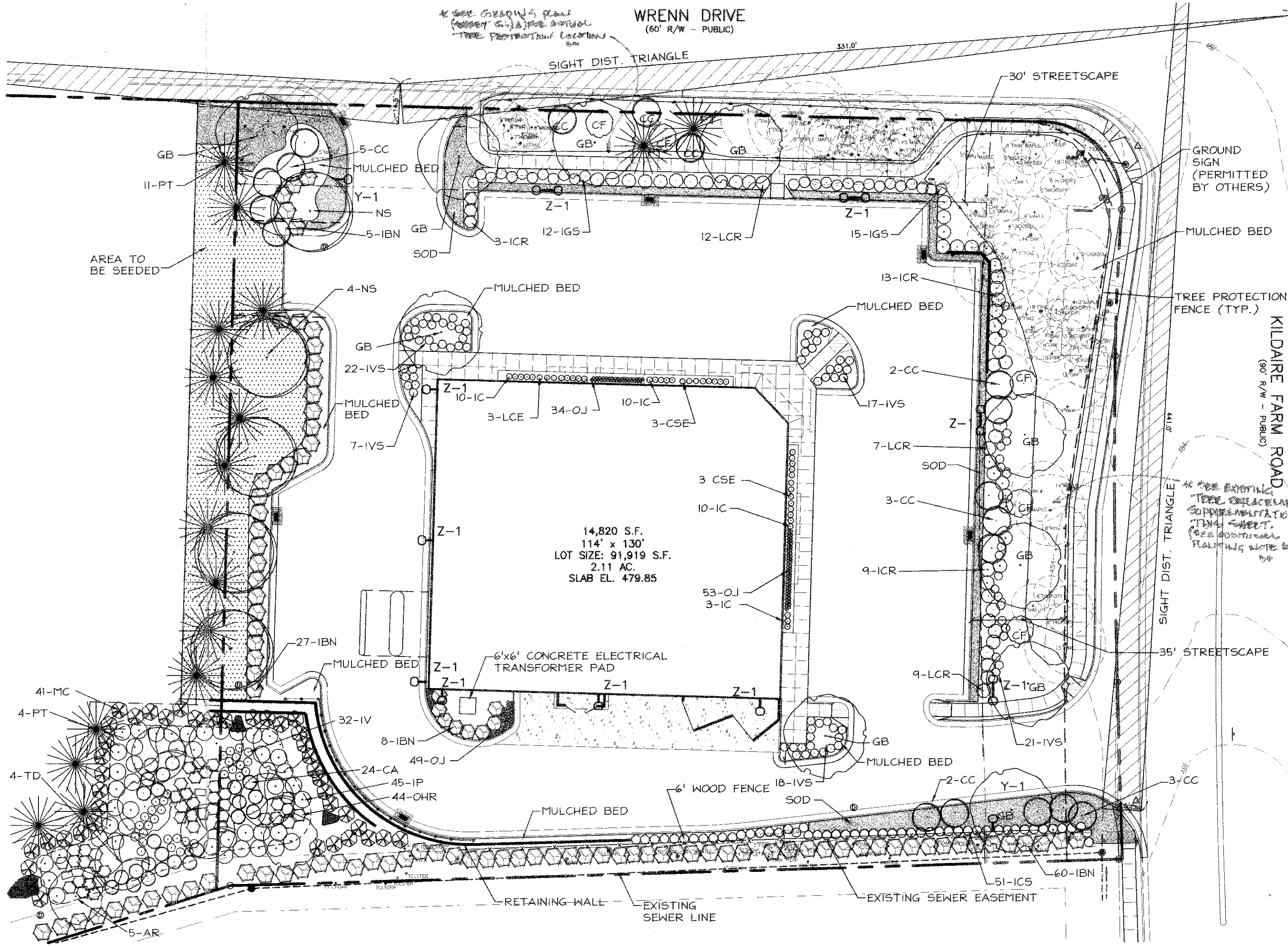
14"CAL./100 LF=120 CAL.IN.REQUIRED, 136 CAL.IN.PROVIDED

ROADWAY (LENGTH)	EASEMENT & DRIVE WIDTHS	ROADWAY FRONTAGE	WIDTH OF STREETSCAPE	PLANT MATERIAL	PLANTED SIZE	SPACING	REQ. PLANTED RATE	PLANTS REQUIRED	PLANTS PROVIDED
KILDARE FARM RD. (274')	26'	248'	VARIES	CANOPY TREES UNDERSTORY SHRUBS	2" CAL. 2" CAL. 24" HT.	40' O.C. 20' O.C. 5' O.C.	248 / 40 = 248 / 20 = OPAQUE	7 13 -	5 18
WRENN DR. (277')	36'	241'	VARIES	CANOPY TREES UNDERSTORY SHRUBS	2" CAL. 2" CAL. 24" HT.	40' O.C. 20' O.C. 5' O.C.	241 / 40 = 241 / 20 = OPAQUE	6 12 -	4 9

REQUIRED BIORETENTION AREA PLANTING

BIORETENTION AREA	PLANT MATERIAL	PLANTED SIZE	REQ. PLANTED RATE	PLANTS REQUIRED	PLANTS PROVIDED
3870 S.F.	TREES	2" CAL.	1 TREE EVERY 435 SF	9 TREES	9 TREES
	SHRUBS	24" HT. MIN.	1 SHRUB EVERY 30 SF	130 SHRUBS	145 SHRUBS

WHERE EXISTING VEGETATION FAILS TO FUNCTION ADEQUATELY AS REQUIRED, (I.E. BUFFER TYPE A, B, C, AND STREETSCAPE BUFFER) THE CARY SITE INSPECTOR RESERVES THE RIGHT TO REQUIRE SUPPLEMENTAL PLANTINGS IN ADDITION TO THOSE SHOWN ON THE PLANTING PLAN BASED ON ACTUAL FIELD CONDITIONS



PLANT LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	REMARKS
TREES							
AR	5	ACER RUBRUM 'ANDERSON'	ANDERSON RED MAPLE	2" CAL.	B&B	AS SHOWN	MATCH
GB	10	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	2" CAL.	B&B	AS SHOWN	MATCH/ MALE ONLY
TD	4	TAXODIUM DISTICHUM	BALD CYPRESS	2" CAL.	B&B	AS SHOWN	MATCH
PT	17	PINUS TAEDA	LOBLOLLY PINE	2" CAL.	B&B	AS SHOWN	MATCH
CF	5	CORNUS FLORIDA	DOGWOOD	2" CAL.	B&B	AS SHOWN	MATCH
CC	18	CERCIS CANADENSIS	REDBUD	2" CAL.	B&B	AS SHOWN	MATCH
NS	5	NYSSA SYLVATICA	BLACK GUM	2" CAL.	B&B	AS SHOWN	MATCH
SHRUBS							
IC	38	ILEX CRENATA 'SKY PENCIL'	SKY PENCIL HOLLY	3' HT.	CONT. OR B&B	AS SHOWN	MATCH
ICS	51	ILEX CRENATA 'STEEDS'	STEEDS HOLLY	24" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
ICR	25	ILEX CORNUTA 'ROTUNDA'	ROTUNDA HOLLY	18" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
IVS	85	ILEX VOMITORIA 'STOKES DWARF'	STOKES DWARF HOLLY	18" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
OHR	44	OSMANTHUS HETEROPHYLLUS 'ROTUNDI'	HOLLY OSMANTHUS	30" HT.	CONT. OR B&B	AS SHOWN	MATCH
IBN	100	ILEX CORNUTA DWARF BURFORD	BURFORD HOLLY	24" HT.	CONT. OR B&B	AS SHOWN	MATCH
IV	52	ITEA VIRGINICA 'HENRY'S GARNET'	VIRGINIA SWEETSPIRE	24" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
CA	24	CALLICARPA AMERICANA	BEAUTYBERRY	24" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
IP	45	ILLICIUM PARVIFOLIUM	ANISE SHRUB	5' HT.	CONT. OR B&B	AS SHOWN	MATCH
IGS	27	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	18" HT.	CONT. OR B&B	AS SHOWN	MATCH
LCR	28	LOROPETALUM CHINENSE RUBRUM	RUBY LOROPETALUM	18" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
MC	41	MYRICA CERIFICA	WAX MYRTLE	24" HT. MIN	CONT. OR B&B	AS SHOWN	MATCH
OJ	136	OHIOPOGON JAPONICUS	MONDO GRASS	1 GAL.	CONT. OR B&B	AS SHOWN	MATCH
LCE	3	LOROPETALUM CHINENSE 'SIZZLING PINK' ESPALIER	ESPALIER LOROPETALUM	3' HT.	CONT. OR B&B	AS SHOWN	MATCH
CSE	6	CAMELLIA SASANQUA 'WHITE' ESPALIER	ESPALIER CAMELLIA	3' HT.	CONT. OR B&B	AS SHOWN	MATCH
SODDED AREA		5682 SQUARE FEET					
SEEDED AREA		5903 SQUARE FEET					

NOTES: LANDSCAPE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL PLANT COUNTS.
STREET TREES AND FRONT YARD TREES WILL BE ADJUSTED ACCORDING TO DRIVEWAY AND BUILDING PLACEMENT.

SEEDING SCHEDULE: TYPICAL LAWN AREAS

DATE	TYPE	PLANTING RATE
ALL YEAR	TURF-TYPE TALL FESCUE BLEND (SEE NOTE)	6 LBS/ 1000 SQUARE FEET

NOTE: REFER TO PLANTING NOTE #8 FOR MORE INFORMATION

LEGEND

SOD AREA

SEEDED AREA

06-SP-012
APPROVED
TOWN OF CARY
Approved by DRC Date 7-24-06
Planning [illegible] Date [illegible]
Engineering TS Date 9-12-06

0 20 40 60
SCALE: HORIZONTAL 1" = 20'

ETd
ELAM, TODD, d'AMBROSI
URBAN PLANNING • LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING • LAND USE CONSULTING
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8-29-06

LEVEY KILDAIRE

LANDSCAPE PLAN

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Drawn By: SH
Checked By: JG
Date: 2-2-06
Proj#: 2511009

Revisions
REV 3/31/06 PER CARY REVIEW
REV 6/30/06 PER CARY REVIEW
REV 7/11/06 CARY & WALGREENS REV

SHEET
LA-1

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