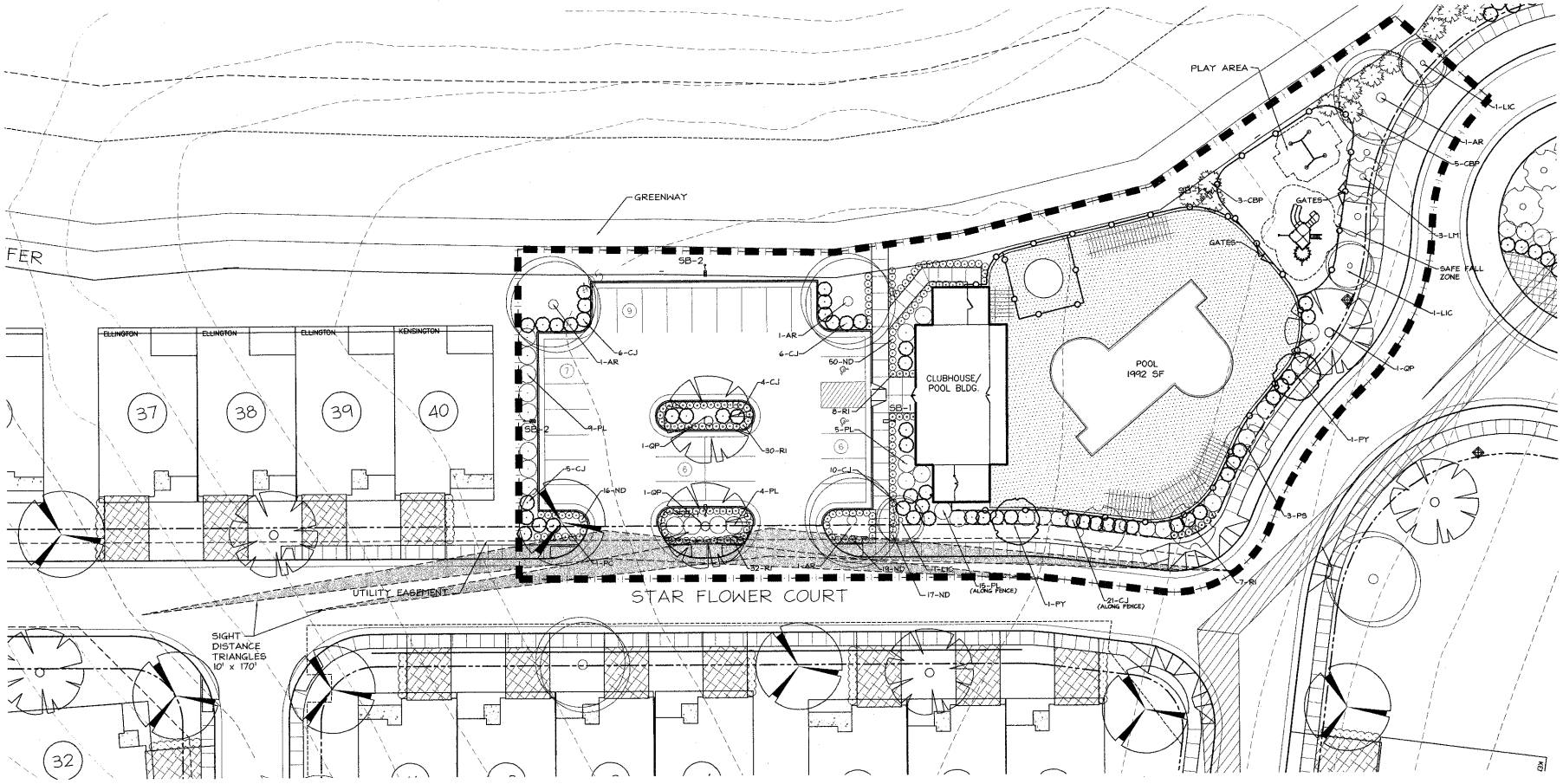

REC AREA: PLANT LIST

TREES

CODE	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	REMARKS
AR	4	ACER RUBRUM 'RED SUNSET'	RED MAPLE	2.5" CAL.| 8' HT.	B&B	AS SHOWN	MATCHED
LIC	3	LAGERSTROMEA INDICA 'CAROLINA BEAUTY'	CRAPE MYRTLE	8' HT. MIN.	CONT	AS SHOWN	3 OR 5 TRUNK
LM	3	LAGERSTROMEA INDICA 'MUSKOGEE'	CRAPE MYRTLE	8' HT. MIN.	CONT	AS SHOWN	3 OR 5 TRUNK
PC	1	PISTACHIA CHINENSIS	CHINESE PISTACHIO	2.5" CAL.| 8' HT.	B&B	AS SHOWN	MATCHED
QP	3	QUERCUS PHELLOS	WILLOW OAK	2.5" CAL.| 8' HT.	B&B	AS SHOWN	MATCHED
PS	3	PRUNUS SUBHIRTELLA 'PENDULA'	WEEPING CHERRY	2" CAL.@ 8' HT.	B&B	AS SHOWN	MATCHED
PY	2	PRUNUS YEDOENSIS	YOSHINO CHERRY	2" CAL.@ 8' HT.	B&B	AS SHOWN	MATCHED

SHRUBS

CODE	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	REMARKS
CBP	6	CUPRESSUS ARIZONICA 'BLUE PYRAMID'	ARIZONA CYPRESS	6' HT. MIN	B&B	AS SHOWN	MATCHED
CJ	52	CLEYERA JAPONICA	JAPANESE CLEYERA	3 GAL. 24" HT(MIN)	CONT	AS SHOWN	MATCHED
ND	102	NANDINA DOMESTICA 'FIREPOWER'	NANDINA	3 GAL. 12"HT(MIN)	CONT	AS SHOWN	MATCHED
PL	39	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	CHERRY LAUREL	3 GAL. 24" HT(MIN)	CONT	AS SHOWN	MATCHED
RI	77	RAPHIOLEPIS INDICA 'SNOW WHITE'	INDIAN HAWTHORNE	3 GAL. 12"HT(MIN)	CONT	AS SHOWN	MATCHED

NOTE: LANDSCAPE CONTRACTOR SHALL VERIFY UTILITY AND STORM DRAINAGE LOCATIONS IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. ANY CONFLICTS WITH UTILITIES SHALL BE MOVED.

SIGHT DISTANCE NOTES:

1. ANY STREETSCAPE TREES WITHIN THE SIGHT DISTANCE TRIANGLES WILL BE LIMBED UP TO 6'. NO SHRUBS OR OTHER PLANTS TALLER THAN 3' WILL BE PLANTED WITHIN THE SIGHT DISTANCE TRIANGLE.
2. SIGHT DISTANCE IS DETERMINED BY REFERENCING THE DESIGN SPEED AROUND THE CURVE ON HOMEPLACE DRIVE & STARFLOWER COURT. THE RADIUS OF THE INNER EDGE TRAVEL WAY IS 30.0' EXHIBIT 3-43 ON PAGE 201 OF THE 2001 AASHTO GREEN BOOK REFERENCES THE DESIGN SPEED AND AVERAGE RUNNING SPEED AROUND A MINIMUM RADIUS OF 30' TO BE 10 MPH (ROUNDED UP TO 15 MPH). THEREFORE, THE INTERSECTION SIGHT DISTANCE IS CALCULATED BY THE FOLLOWING:
   1.47 x Vmajor x Tgap= 1.47 x 15 x 7.5 = 165.38
   ROUNDED UP TO THE NEAREST 5 FEET YIELDS AN INTERSECTION SIGHT DISTANCE OF 170 FEET.

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 AS LONG AS REQUIRED TREES AND SHRUBS ARE REPLACED AT THE REQUIRED RATES AND SIZES.

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

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 SHRUB (I.E. LIGUSTRUM, FOSTER'S HOLLY) SHALL BE LOCATED WITHIN A ROADWAY RIGHT-OF-WAY.
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. LANDSCAPE CONTRACTOR SHALL SEED AREAS DESIGNATED ON PLAN WITH STATESMAN BLEND FESCUE BY SOUTHERN STATES SEED, OR APPROVED EQUAL.
8. THE SITE SHALL BE STABILIZED AND SEEDED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
9. 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.
10. SEE PHASE 1 AND 2 SUBMITTALS FOR ADDITIONAL PLANTINGS WHICH MEET THE REQUIREMENTS FOR THE SITE

05-SP-152
APPROVED
TOWN OF CARY
APPROVED BY: DRC DATE: 2-20-06
PLANNING: EPS DATE: 2-15-06
ENGINEERING: TS DATE: 3-15-06

0 20 40 60
SCALE:1"=20'

ETd

ELAM, TODD, d'AMBROSI
URBAN PLANNING • LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING • LAND USE CONSULTING

2601 WESTON PARKWAY / SUITE 203
CARY, NORTH CAROLINA 27513 USA

(OFFICE) 919.678.1071
(FAX) 919.678.1290
(EMAIL) etd@etdpa.com

WESTLAKE SUBDIVISION
PHASE III

RECREATION AREA

LANDSCAPE PLAN

CLIENT:
D. R. HORTON
3949 BROWNING PLACE
RALEIGH, NC 27607
(919) 854-9557

ENGINEER:
SPAULDING & NORRIS
972 TRINITY ROAD
RALEIGH, NC 27607
(919) 854-7990

SURVEYOR:
KENNETH CLOSE, INC.
970 TRINITY ROAD
RALEIGH, NC 27607
919-851-2344

Drawn By: BMH
Checked By: BDM
Date: 12-08-05
Proj#: 2412007

Revisions
1-27-06 Revised Plantings & Sight Distance Triangles

SHEET
RS - 1

C:\Projects\DR_HORTON_WESTLAKE_CONSTRUCTION_DRAW\2412007\DRAWINGS\CURRENT\RC-CONTROL\2412007_RC01-REC.dwg, 1/27/2006 3:13:54 PM, ETd City: 919-678-1071