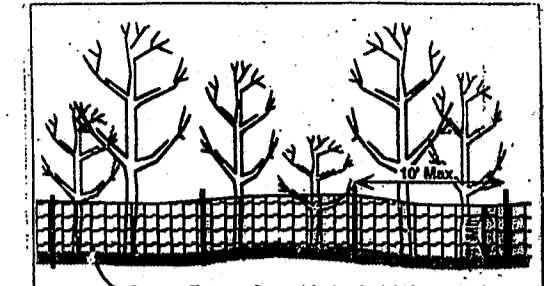
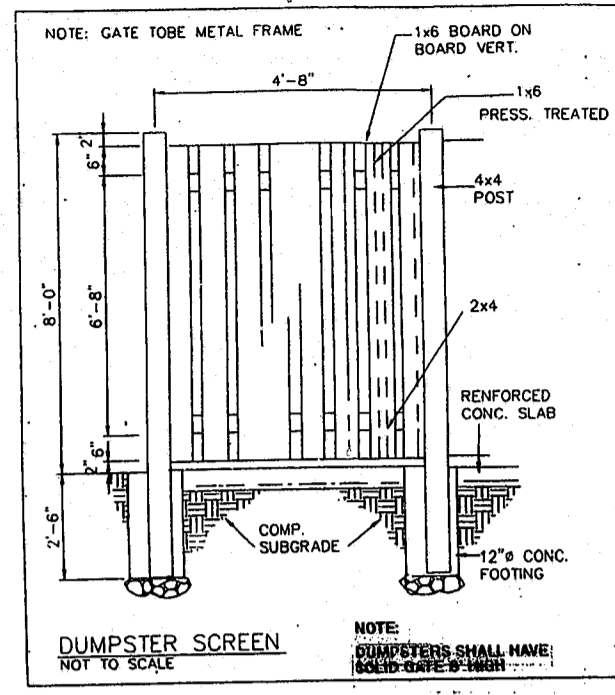
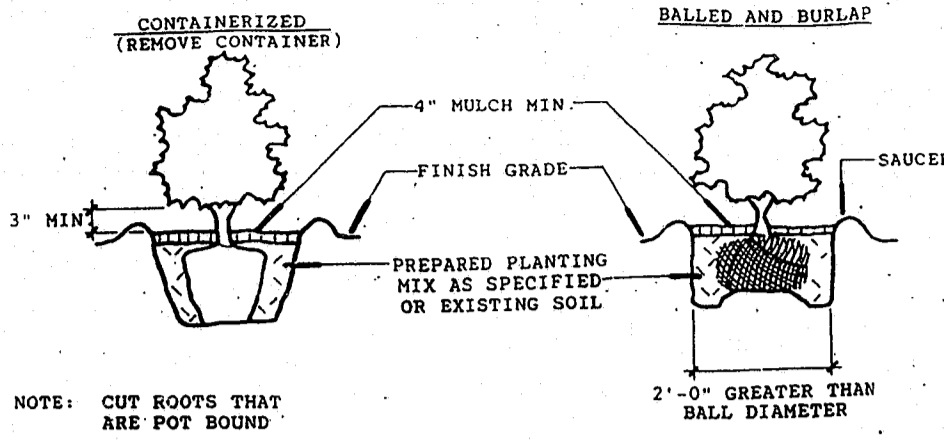
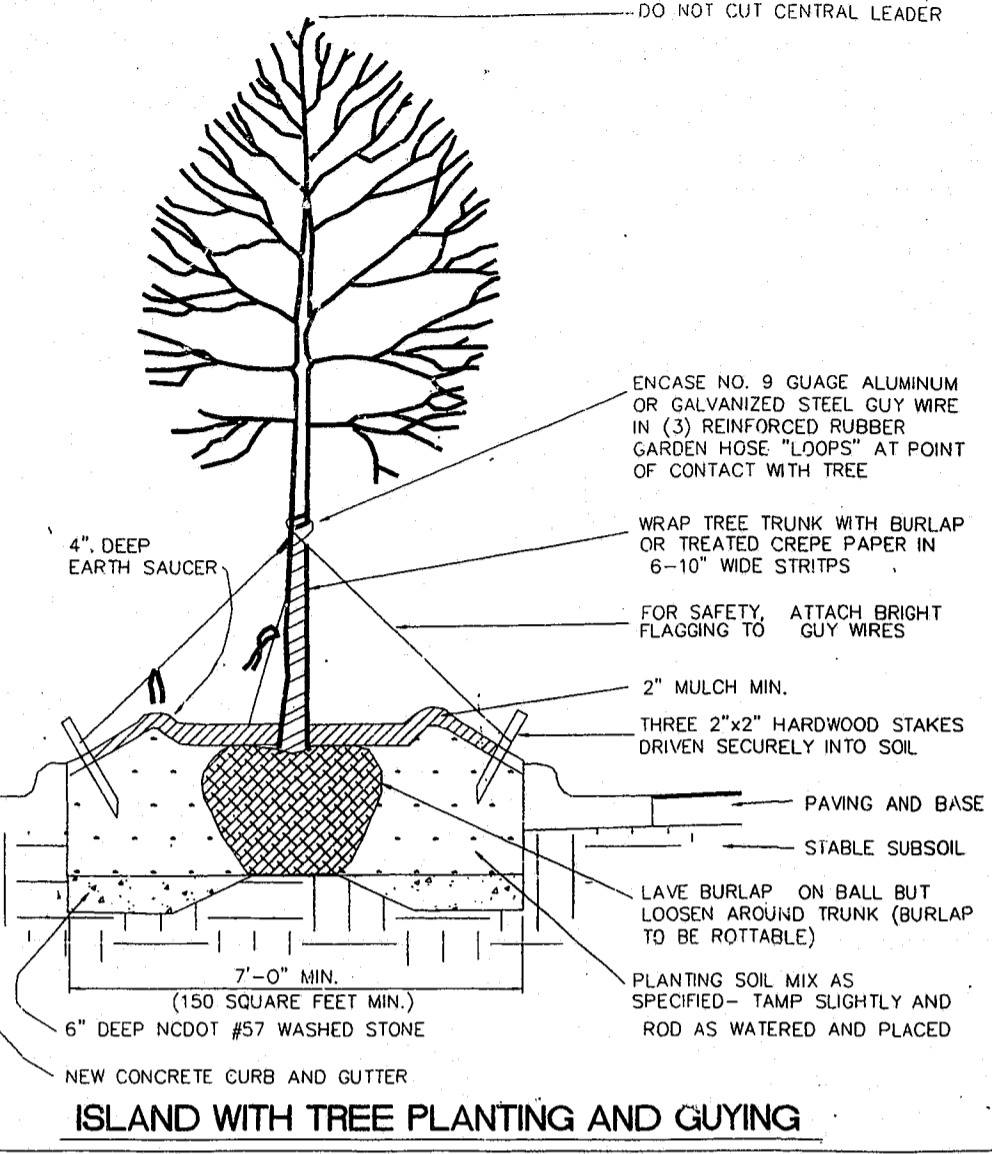


99-SP-01-A
 CHATHAM PROF DR
 (REV) Lites
 SHEDS



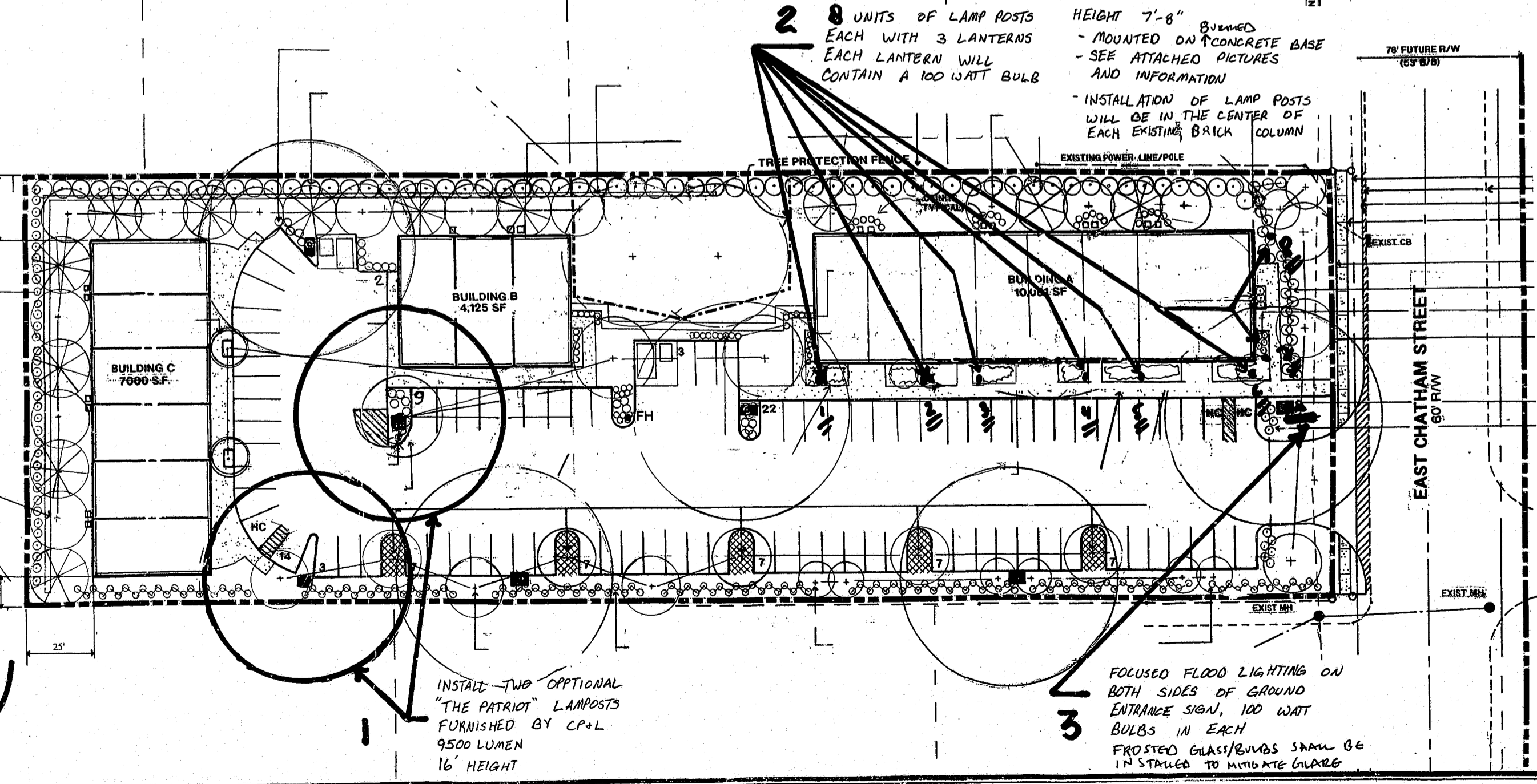
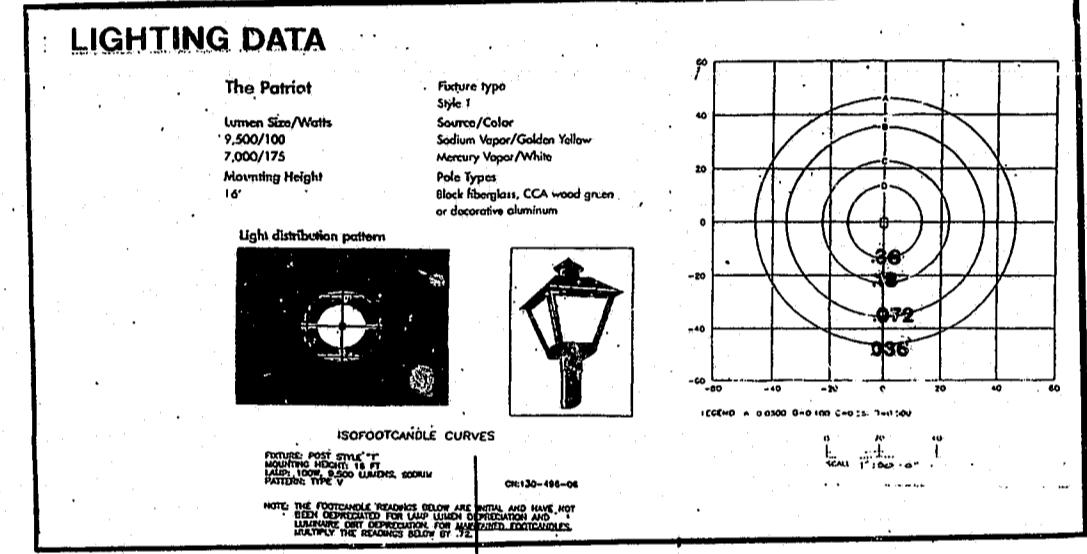
Tree Protection Fence
Not to Scale

- At the start of grading, or of local stripping, make a sharp, vertical cut at the edge of the tree save area, when erosion control measures are installed.
- Install tree protection fence at the same time as erosion control measures, to remain in place until all construction in the vicinity of the protected trees is complete.
- No storage of materials, fill, equipment, or trespassing shall be allowed within the boundary of the protected area. These prohibitions shall be posted on the protection fence.

NOTES:

- THE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETE AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY (CO) IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL SITE INSPECTION FOR THE CO. ALSO, TREE PROTECTION FENCING SHALL BE INSTALLED AND INSPECTED BEFORE THE GRADING PERMIT IS ISSUED.
- TREE PROTECTION FENCING SHALL BE A MINIMUM OF 4' IN HEIGHT AND WILL BE CONSTRUCTED OF ORANGE POLYETHYLENE LAMINAR FENCING.
- TREE PROTECTION ZONE SIGNS SPACED A MINIMUM OF ONE EVERY 300 LINEAR FEET SHALL BE USED. THE SIZE OF EACH SIGN MUST BE A MINIMUM OF 2' X 2' AND MUST CONTAIN THE FOLLOWING LANGUAGE: "TREE PROTECTION ZONE. KEEP OUT OF TREE SAVE AREA. KEEP OUT."

SHRUB PLANTING



NOTES: 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 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:** COMMERCIAL FERTILIZER SHALL BE AN ORGANIC FERTILIZER CONTAINING THE FOLLOWING MINIMUM PERCENTAGES OF AVAILABLE PLANT FOOD BY WEIGHT: 12-12-12 NITROGEN, PHOSPHOROUS, POTASSIUM (NOT LESS THAN 50% FROM ORGANIC SOURCES). INORGANIC CHEMICAL NITROGEN SHALL NOT BE DERIVED FROM THE SODIUM FORM OF NITRATE. IT SHALL BE DELIVERED TO THE SITE IN UNOPENED ORIGINAL CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED ANALYSIS. ANY FERTILIZER THAT BECOMES CAKED OR OTHERWISE DAMAGED SHALL NOT BE ACCEPTABLE.
- B. PRUNING WITHIN LIMITS:** 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. MULCHING/TOPSOIL:** TOPSOIL SHALL BE SPREAD OVER ENTIRE LANDSCAPE AREA TO A DEPTH OF AT LEAST 2" IN LAWN AREAS AND 6" IN SHRUB BEDS. TOPSOIL SHALL BE FURNISHED BY THE LANDSCAPE CONTRACTOR. IT SHALL BE FREE OF SUBSOIL, BRUSH, ORGANIC LITTER, CLODS, STONES, ROOTS AND ANY DEBRIS. PEAT SHALL BE HORTICULTURAL PEAT COMPOSED OF NOT LESS THAN 60% DECOMPOSED ORGANIC MATTER BY WEIGHT. PEAT SHALL BE DELIVERED TO THE SITE IN A WORKABLE CONDITION FREE FROM LUMPS; MULCH MATERIAL SHALL BE SHREDDED PINE BARK MULCH 3/8"-1/2" IN SIZE, MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT. MULCH SHALL BE 2" IN DEPTH WHEN WORK IS COMPLETE. ALL SHRUB MULCHING SHALL BE BED MULCHED AND NOT PIT MULCHED. ALL MULCH MATERIAL SHALL BE REASONABLE FREE OF NOXIOUS WEEDS AND SEEDS;
- D. MOWING:** PRIMARY FESCUE LAWNS SHALL BE MAINTAINED AT A HEIGHT OF 3" AND SHALL BE MOWED APPROXIMATELY 30 TIMES PER YEAR. 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;
- E. PLANT PROTECTION:** AVOID EXCESS INTRUSION INTO THE ROOT ZONE AREA OF ESTABLISHED PLANTINGS;
- F. WATERING SCHEDULE:** IF ANY IRRIGATION SYSTEM IS UTILIZED, THE SYSTEM SHALL BE REGULATED TO PROVIDE APPROXIMATELY 1" OF RAINFALL PER WEEK DURING THE GROWING SEASON;
- G. GRASS SEED AND PLANTING:** UNLESS OTHERWISE INDICATED ON THE DRAWINGS, GRASS SHALL BE A KENTUCKY 31 FESCUE WITH 97% PURITY AND A GERMINATION OF 90%. FOR QUICK-COVER GRASSES ONLY, ANNUAL RYE GRASS WITH GERMINATION OF 90% SHALL BE USED. FOR HIGHWAY RIGHT-OF-WAY AREAS, USE DOT APPROVED GRASS ONLY. ALL SEED SHALL BE CERTIFIED SEED MEETING ALL STANDARDS OF PURITY AS REQUIRED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE. SOW SEED AT AN APPROXIMATE RATE OF TEN POUNDS PER 100 SQ. FT. UNDER FAVORABLE WEATHER CONDITIONS. GRASS SHALL BE PLANTED IN TWO DIRECTIONS, 90 DEGREES TO ONE ANOTHER, WITH A BRILLIAN SEEDER OR EQUAL. GRASS SHALL BE PLANTED TO WITHIN THREE INCHES OF WALKS, PAVEMENT AND OTHER OBSTRUCTIONS. INSTALL SOD IN AREAS DESIGNATED AS SOD ON THE DRAWINGS. SOD SHALL BE CLEAN, WEED-FREE, STRONGLY ROOTED AND OF UNIFORM THICKNESS WITH NOT OVER 1 1/2" OR LESS THAN 1" OF SOIL. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, SOD SHALL BE REBEL II FESCUE, DELIVERED TO THE SITE IN 18" X 6" LENGTHS, STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING. PROMPTLY INSTALL SOD STRIPS UPON DELIVERY, WITH TIGHT JOINTS ON PREPARED TOPSOIL AS DESCRIBED ABOVE. FIT ENDS AND EDGES TOGETHER WITHOUT OVERLAP AND STAGGER JOINTS TO OFFSET ADJACENT JOINTS. ROLL OR TAMP SOD LIGHTLY AND WATER THOROUGHLY. ON SLOPES STEEPER THAN 2:1, SOD SHALL BE HELD IN PLACE BY WOODEN PINS ABOUT 1' X 1' X 6" LONG DRIVEN FLUSH WITH THE TOP OF THE SOIL.

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

99-SP-011-A
 Town of Cary - Development Review
 Date: 2-5-2001
 Engineer: [Signature]
 Planner: [Signature]

"ORIGINAL APPROVED PLAN"
 SCALE IN FEET: 1"=30'-0"
 0 15 30 60 90 150



REVISIONS

- FIRST REVISION: JULY 19, 1999
- SECOND REVISION: AUGUST 23, 1999
- THIRD REVISION: SEPTEMBER 20, 1999
- FOURTH REVISION: APRIL 17, 2000
- JANUARY 15, 2001

99-SP-011-A

PROJECT SHEET TITLE
 CHATHAM PROFESSIONAL PARK
 NORTH CAROLINA
 REVISED LIGHTING PLAN
 DATE: JUNE 14, 1999
 SCALE: 1"=30'-0"
 DRAWN BY:
 CHECKED BY:
 SHEET # 5
 OF 6
 NORTH

Kashi Associates
 APPROVED
 DRC: 2-21-2001