

LANDSCAPE REQUIREMENTS:

10% CANOPY REQUIREMENT FOR CLS ZONED PROPERTY:

- DEVELOPED AREA = 64,468 SF
- REQUIRED CANOPY COVERAGE AT 10% = 6,446.8 SF
- EXIST. TREE CREDIT OF 30" OAK = 4 TREES @ 254 EA = 1,016 SF
- ADDITIONAL TREE CANOPY REQUIRED = (6,446.8 - 1,016) = 5,430.8 SF
- CANOPY PROVIDED PER SITE PLAN = 5,652 SF
- TOTAL TREE CANOPY PROVIDED = 6,668 SF

STREET YARD TREES REQUIREMENT:

- FRONTAGE = 470 LF
- REQUIRED 1 TREE PER 50 LF OF FRONTAGE = 10
- STREET YARD TREES PROVIDED PER SITE PLAN = 10 (PLUS 8 TO MEET CANOPY REQ.)

MASTER PLANTING SCHEDULE							
TOTAL	QTY.	SYMBOL	BOTANICAL NAME	COMMON NAME	UNIT SQ FT	TOTAL SQ FT	COMMENTS
	5	○	Gleditsia triacanthos var. inermis 'Shademaster'	Honey Locust 'Shademaster'	314	1256	2" Caliper Minimum, B&B 20' O.C.
	6	●	Acer saccharum	Sugar Maple	314	2198	2" Caliper Minimum, B&B 30' O.C.
	7	○	Tilia americana 'Boulevard'	'Boulevard' Linden	314	2198	2" Caliper Minimum, B&B 30' O.C.
TOTAL	18 Trees					5652 Sq. Ft.	

GENERAL PLANTING NOTES & SPECIFICATIONS:

- All plant material shall conform to the sizes given in the plant schedule and shall be nursery grown in accordance with the "American Standards for Nursery Stock", latest edition prepared by the American Association of Nurserymen, 230 Southern Building, Washington, D.C. 20005
- All work specified herein shall be performed by qualified personnel experienced in this type of work. The Contractor or Subcontractor shall be a member of one of the following organizations: Associated Landscape Contractors of America and/or American Association of Nurserymen.
- All dimensions shall be verified in field. Any substantial deviation from dimensions given on the drawings shall be brought to the attention of the Designer, in writing, prior to the start of work.
- Plant Schedule provided for convenience only. All quantities shall be verified on the plan. Report any discrepancies to the Designer.
- All major shrub and tree masses shall be staked in field and approved by the Designer prior to installation.
- Existing work of every description which may become damaged during construction shall be replaced or repaired with materials to match those previously in place. Materials shall be supplied by the Contractor at no cost to the Owner and to the satisfaction of the Designer.
- All plants shall be guaranteed to remain alive and healthy for a period of one full year after plant installation and acceptance. Those plants in an impaired, dead, or dying condition at one full year shall be removed and replaced. New plants, requirements, etc. and method of placing shall comply with the requirements specified in these specifications and on the drawing. Plants replacing those after the first full year shall also be guaranteed to remain alive and healthy for one full growing season. Such replacement shall continue until each plant, as required under this contract, shall survive one full year alive and healthy.
- If synthetic wrapping material is used on any rootball, remove entirely.
- All plant beds shall be mulched with a 3" layer of mulch within 24 hours after planting. This shall be shredded hardwood bark and shall cover the planting bed entirely. The edge of the plant bed shall be constructed so that the mulch level drops 2" below the adjacent grade.
- Planting Pit Soil: Pre-mixed planting soil 'A' shall consist of 5 parts planting topsoil, 1 part peat moss, and 1/2 lbs. plant fertilizer. Premixed planting soil 'B' shall consist of 3 parts planting topsoil, 1 part peat moss, and 1/2 lbs. plant fertilizer.
- Seedbed Requirements: Vegetation shall not be established on slopes that are unsuitable due to inappropriate soil texture, poor internal structure or internal drainage, volume of overland flow, or excessive steepness, until measures have been taken to correct these problems.
- Lime & Fertilizer:**

LIME: Piedmont & Appalachian Region: 2 tons/acre pulverized agricultural grade limestone (90 lbs./1000 sq. ft.). An agricultural grade of limestone shall be used.

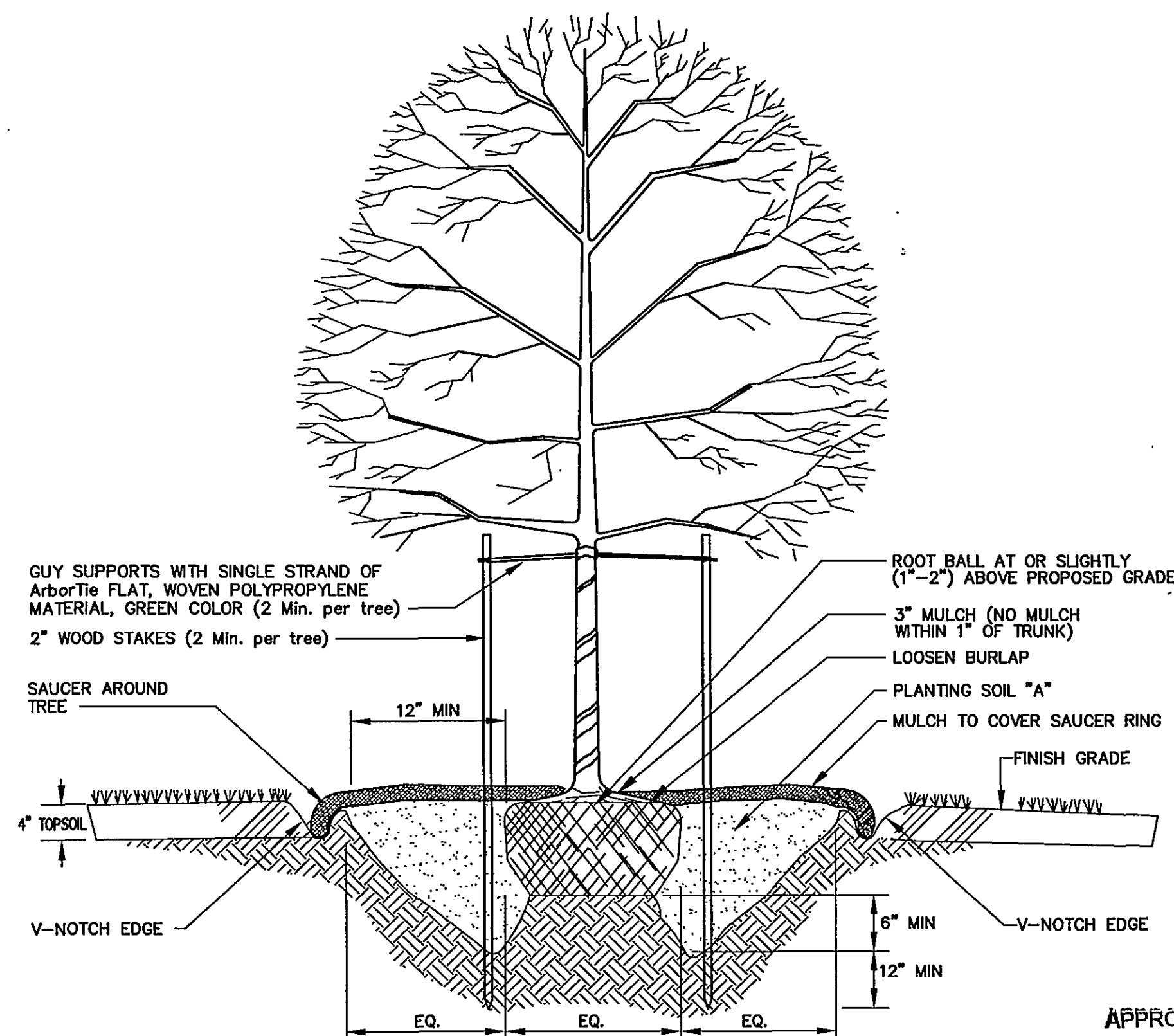
FERTILIZER:

Mixed Grasses & Legumes: 1000 lbs./acre 10-20-10 or equivalent nutrients (23 lbs./1000 sq. ft.)
Legume Stands Only: 1000 lbs./acre 5-20-10 (23 lbs./1000 sq. ft.) is preferred; however, 1000 lbs./acre of 10-20-10 or equivalent may be used.

Grass Stands Only: 1000 lbs./acre 10-20-10 or equivalent nutrients, (23 lbs./1000 sq. ft.)

*Other fertilizer formulations, including slow-release sources of nitrogen may be used provided they can supply the same amounts and proportions of plant nutrients.

- Incorporation: Lime and fertilizer shall be incorporated into the top 4"-6" of the soil by disking or other means whenever possible. For erosion control, when applying lime and fertilizer with a hydroseeder, apply to a rough, loose surface.
- Seeding: Certified seed shall be used for all permanent seeding. Certified seed is inspected by the Virginia Crop Improvement Association or the certifying agency in other states. The seed must meet published state standards and bear an official "Certified Seed" label. Apply seed uniformly with a broadcast seeder, drill, culti-packer seeder, or hydro-seeder on a firm, friable seedbed. Seeding depth should be 1/4 inch to 1/2 inch.
- Mulching: All permanent seeding shall be mulched with clean, weed-free straw immediately upon completion of seed application.
- Irrigation: New seedlings shall be supplied with adequate moisture.
- Permanent Seeding: Areas of permanent seeding are as shown on landscape plan. New seeded areas which were formerly asphalt, concrete, and/or compacted gravel surfaced shall have 6" of topsoil placed and graded prior to permanent seeding.
- Sodding: Virginia Crop Improvement Association (VCIA) certified sod or "Virginia's Finest" sod, certified by the Virginia Department of Agriculture shall be used. Each load of sod shall bear a VCIA certified sod label or a "Virginia's Finest" certified sod label. Install a Kentucky Bluegrass Blend (KBB) sod on soil bed prepared by removing all existing vegetation and cultivating to a 4 inch depth, removing debris and stones. Sod shall be laid in a "brickwork" fashion, staggering joints. Ensure tight joints.



TYPICAL TREE PLANTING DETAIL UNDER 2-1/2" CALIPER NTS

APPROVED
SEP 26 2008

102 Albemarle Ave
Roanoke, Virginia 24013
www.lmwpc.com
ph: 540.345.0675
fax: 540.342.4456

PC

W

M

L

Engineering
Architecture
Surveying
Landscape Design

KROGER R-400
FUEL CENTER INSTALLATION
CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION	BY

Richard C. White
Lic. No. 20021
Professional Engineer

Designed By	RCW
Drawn By	MBH
Checked By	RCW
Approved By	RCW
Submitted By	RCW
Drawing	1997D
Date	03/03/08
Scale	NONE
Commission No.	1997D

Sheet 12 of 12