

APPENDIX C - PROTECTION OF TREES AND VEGETATION DURING CONSTRUCTION ACTIVITIES

A. Fencing

Within the limits of disturbance, fencing, at a minimum, should be placed around each significant tree and around stands of more than 12 trees, and at a distance equal to the size of the individual or outermost tree's drip zone.

For purposes of this subsection, the drip zone is calculated by measuring the diameter of the tree at breast height; every inch of diameter is equal to one and one-half feet of drip zone. For example, a 12 inch diameter tree will require a minimum 18 foot wide drip zone.

No construction, grading, equipment or material storage, or any other activity shall be allowed within this area, and the fencing shall remain in place until all land alteration, construction and development are completed.

B. Root Protection

If it is necessary to fill over the root zone, compacted soils shall be avoided by sandwiching fabric, rocks and more fabric under the area to be filled.

Fill placed directly on the roots shall not exceed a maximum of six inches in depth.

The topography adjacent to trees or shrubs shall be drained so that the vegetation is not drowned by the pooling of rainfall or irrigation.

Utility trenches near trees should be avoided. If a line must be near a tree, tunneling, auguring or other mitigation measures shall be used. Cutting more than 30 percent of the roots endangers the health of the tree, and over 40 percent affects the tree's stability.