



### 02231 Tree Treatment and Preservation

Tree care and protection measures shall be reviewed and approved by UA prior to installation.

All grading within Tree Protection Zone (TPZ) areas shall be done by hand or with small equipment to minimize root damage.

Any roots exposed by construction activity shall be pruned flush with the ground and covered with backfill as soon as possible. If exposed roots are not covered within 24 hours, cover them with mulch and thoroughly water in order to reduce soil temperature and minimize water loss due to evaporation.

Any tree that is either removed or damaged must be replaced with tree/trees of equivalent caliper (i.e. a 12" caliper tree can be replaced with (1) one 12" caliper tree, (2) two 6" caliper trees, (3) three 4" caliper trees, (4) four 3" caliper trees). (No trees smaller than 3" caliper shall be allowed.) The number and species of replacement trees must be pre-approved by UA.

Consider grading and stormwater drainage. Cutting or filling around roots will weaken and eventually kill valuable trees. Alternatives shall be weighed such as retaining walls to protect priority trees. Contact UA to determine which trees classify as priority.

#### TREE AND SHRUB REMOVAL

The removal of any tree, shrub or vegetation on The University of Alabama property must be pre-approved by UA.

#### TREE PROTECTION FENCING

The tree protection fencing shall be completed by the Contractor as follows:

- Tree protection fencing is designated on the Contract Documents.
- The Tree Protection Zones (TPZs) shall have a radius equivalent to 2 ½ feet of protected area for each inch of trunk diameter (i.e. a tree with a 12" trunk diameter the TPZ shall have a radius of 30 feet) This radius may be reduced if approved by UA.
- Four (4) foot orange mesh (snow) fencing on driven metal posts is typically used unless otherwise specified on the Contract Documents.
- Contractor shall provide maintenance and repair of fence during construction.
- Fence shall be removed after completion of construction.
- **No access to fenced areas shall be permitted without prior approval by UA.** The following note shall be added to the plan: "No equipment, materials or personnel shall be permitted within Tree Protection Zone."