TAB C-10

TREE PRESERVATION, PROTECTION, & SALVAGE GUIDELINES

Intent

The University values its more than 7,000 campus trees for their shade, beauty, history, and architectural importance. The UA Campus Arboretum has been established to document, monitor, and sustain the University's collection of trees.

Trees contribute to campus by creating intellectual open spaces and by providing for climate mitigation, carbon sequestration, and storm-water uptake. As the University strives to become more environmentally sustainable, trees lower the "heat island" effects of buildings and pavement and reduce costs for building climate control. Campus open space objectives include increasing campus shade by expanding the percentage of tree cover.

To support the goal of sustaining the University's tree collection, campus projects must include analysis of existing trees during the design process. Site analysis guides the development of a plan to preserve, protect or salvage trees during construction Resources to assist with the assessment plan include the UA Campus Arboretum's Tree Preservation Table, available at the Department of Planning, Design and Construction, and the GIS campus tree map on the Campus Arboretum's web site: http://arboretum.arizona.edu .

General Procedures

- Identify trees in the Campus Arboretum Tree Preservation Table and GIS base map by name and location within the project site. Identify unique characteristics of the trees where possible, i.e. Heritage Trees, one of a kind on campus or in the state. Field verify tree identity and location.

- Review proposed project site for impacts to existing trees and prioritize trees for salvage. Collection of additional data (i.e. size, quality) may be necessary.

- Develop a tree assessment plan. Determine and identify the status of existing trees. The status assigned for existing trees on site will dictate the corresponding action to be taken in the following descending order of priority:
  - Retain in place and preserve during construction,
  - Salvage and replant in another campus location (identify new site),
  - Salvage, hold and replant on site,
  - Replace specimen with new planting on site,
  - Propagate tree for planting in another campus location (identify new location),
  - Remove tree

- Prioritize tree salvage and preservation for tree value, budget and aesthetic considerations. Identify responsibilities and funding sources for tree preservation and salvage.

- Review tree assessment plan with the project design team, Campus Arboretum Director, Campus Landscape Architect, and Facilities Management Grounds Services. Determine status for all existing trees.

- Monitor tree preservation, salvage, storage, and replanting during construction for compliance with specifications.

- Consideration to be given to the time of year when salvage and transplanting activities are to be undertaken.

End of Tab C-10